MUNICIPAL SETTING DESIGNATION APPLICATION RV1

Former Cooling Plant

1501 Seamist Drive
Houston, Texas 77008
MEC^X Project No.: 1567.002C.00

Prepared for:
Mr. Timothy Pischulla
Goodman Global Group, Inc.
A Member of *Daikin* Group
19001 Kermier Rd
Waller, Texas 77484

28 JULY 2022

MEC^X, Inc.
8864 Interchange Drive
Houston, Texas 77054
www.mecx.net

Document Production Status						
Revision	**Date**	**Contributors**	**Author**	**Technical Review**	**Internal Standards Review**	**Description**
0	9 December 2021	Alex Shaver, E.I.T.	☒	☐	☒	Draft-Final
		Luke Murray	☒	☐	☐	
		Isaac Aboulafia, P.E.	☐	☒	☒	
1	28 July 2022	Alex Shaver, E.I.T.	☒	☐	☒	Final
		Luke Murray	☒	☐	☐	
		Isaac Aboulafia, P.E.	☐	☒	☒	

TABLE OF CONTENTS

Section ***Page***

1.0 EXECUTIVE SUMMARY 1

1.1 TOPOGRAPHY 1

1.2 GEOLOGY/HYDROGEOLOGY 1

1.3 HISTORICAL OPERATIONS 1

1.4 HISTORICAL ENVIRONMENTAL CONDITION 2

1.5 CURRENT ENVIRONMENTAL CONDITION 2

APPENDICES

Appendix A – Appendix Y

Municipal Setting Designation
Application Instructions

Pre-Application Meeting: While a pre-application meeting is not mandatory, it is strongly encouraged to discuss the specific details of the site. Please note: the City of Houston will not support a Municipal Settings Designation (MSD) application unless a Professional Geologist (P.G.) or Professional Engineer (P.E.) has certified that the groundwater plume is stable or decreasing, fully delineated, and the source has been removed. This statement should be supported with historical groundwater monitoring data showing the plume as stable or declining, and fully delineated.

Please contact Mark A. Wooten Jr. at (832) 394-9003, mark.wooten@houstontx.gov to schedule a pre-application meeting. Meetings will be held at 1002 Washington, Houston, TX 77002

Application Form: For the application to be complete please submit the following:

1) Two (2) hard copies of the application (the well logs are not necessary for the hard copies but should be included in the electronic copy). Please separate the application appendices with divider sheets that are tabbed.
2) An electronic portable digital file (pdf) of the application including all supporting material
3) An electronic Excel file with mailing addresses for water well owners and property owners. (Templates can be found on the MSD website, www.houstonmsd.org)

The MSD application process is governed by Chapter 47, Article XIII of the City of Houston's Code of Ordinances (ordinance number 2007-959, and amended by ordinance number 2010-556). Failure to use this application form may result in denial of the application.

Please note, the City ordinance requires the Professional Engineer (P.E.) or Professional Geologist (P.G.) who signed the application, or someone that is familiar with the application, and the applicant or their legal representative (attorney) to be present at public meeting and public hearing. Failure of the required parties in attendance at the public meeting and public hearing will result in having to schedule a new meeting or hearing.

The application should be clear, complete, concise, correct, contain only relevant information and be organized to facilitate analysis. Supporting documentation should be submitted as a separate appendix to the application, as noted (Label "Appendix__ ") for each numbered item.

Submittal: Submit the application form and all supporting information, along with an application fee of $3,400.00 (payable to City of Houston) to the address below. The applicant must also pay the cost of producing and mailing notices, (approximately $6.50 per certified mail and $1.50 per first-class mail), and any applicable venue costs (costs vary by location). Mailings are done through the U.S. Post Office's Click2Mail system. At the time of the mail outs, staff will require a credit card number to pay for processing and mailing the notices.

Mark A. Wooten Jr.
City of Houston MSD Program
1002 Washington, 3rd Floor
Houston, Texas 77002

CITY OF HOUSTON

HOUSTON PUBLIC WORKS
HOUSTON WATER DIVISION

Application for Approval of Municipal Setting Designation

APPLICANT INFORMATION

Applicant's Name: Goodman Global Group, Inc.

☐Individual ☒Private Entity ☐Public Entity ☐Non-Profit Entity ☐Other _____

Address: 19001 Kermier Road (Street) Waller (City) Texas (State) 77484 (Zip)

Phone No.: 832-702-0788 Fax No.: _____

Email: Timothy.Pischulla@goodmanmfg.com

Contact Information

Name of Contact: Tim Pischulla

Title: Vice President

Address: 19001 Kermier Road (Street) Waller (City) Texas (State) 77484 (Zip)

Phone No.: 832-702-0788 Fax No.: _____

Email: Timothy.Pischulla@goodmanmfg.com

Application Preparation

Application Prepared by: Isaac Aboulafia, P.E.

Company: MECX, Inc.

Address: 8864 Interchange Dr (Street) Houston (City) Texas (State) 77054 (Zip)

Phone No.: 713-585-7000 Fax No.: _____

Email: Isaac.Aboulafia@mecx.net

SITE INFORMATION

Site HCAD No(s): 0992210000010

Site Name: Former Cooling Plant

Site Size: 15.17 acres

Site Address: 1501 Seamist Drive | Houston | Texas | 77008
(Street) (City) (State) (Zip)

(List all owners – additional sheet is attached, if needed)

Owner: Dickson Furniture Manufacturers

Owner Address: 6900 Overmyer Dr. | Houston | Texas | 77008
(Street) (City) (State) (Zip)

Name of Contact: Vishnu Banka

Title: Vice President

Organization: Dickson Furniture Manufacturers

Phone No.: 346-204-4307 Fax No.: _____

Email: vbanka@dicksonfurniture.com

Owner: _____

Owner Address: _____
(Street) (City) (State) (Zip)

Name of Contact: _____

Title: _____

Organization: _____

Phone No.: _____ Fax No.: _____

Email: _____

Owner: _____

Owner Address: _____
(Street) (City) (State) (Zip)

Name of Contact: _____

Title: _____

Organization: _____

Phone No.: _____ Fax No.: _____

Email: _____

Owner: _____

Owner Address: _____
(Street) (City) (State) (Zip)

Name of Contact: _____

Title: _____

Organization: _____

Phone No.: _____ Fax No.: _____

Email: _____

Owner: _____

Owner Address: _____
(Street) (City) (State) (Zip)

Name of Contact: _____

Title: _____

Organization: _____

Phone No.: _____ Fax No.: _____

Email: _____

Owner: _____

Owner Address: _____
(Street) (City) (State) (Zip)

Name of Contact: _____

Title: _____

Organization: _____

Phone No.: _____ Fax No.: _____

Email: _____

Owner: _____

Owner Address: _____
(Street) (City) (State) (Zip)

Name of Contact: _____

Title: _____

Organization: _____

Phone No.: _____ Fax No.: _____

Email: _____

ITEM	COH Use
Executive Summary	
1. Provide a legal description of the boundaries of the designated property, including metes and bounds, and a copy of the deed for the property. A professional surveyor currently registered with the Texas Board of Professional Surveying must certify that all property descriptions with metes and bounds are accurate. ***Label "Appendix A"***	
2. A description of the current use and, to the extent known, the anticipated use(s) of the designated property and properties within 500 feet of the boundary of the designated property. ***Label "Appendix B"***	
3. A site map showing. a. The location of the designated property. b. The topography of the designated property as indicated on publicly available sources, which must note the watershed including the nearest surface water body and whether the designated property is located in a floodplain or floodway, as those terms are defined in Chapter 19 of the Code of Ordinances. c. The detected area of groundwater contamination. d. The location of all soil sampling locations and all groundwater monitoring wells. e. Groundwater gradients, to the extent known, and direction of groundwater flow. f. The ingestion protective concentration level exceedence zone for each contaminant of concern, to the extent known. g. Depth to groundwater for each affected zone. ***Label "Appendix C"***	
4. Provide for each contaminant of concern within the designated groundwater: a. A description of the ingestion protective concentration level exceedence zone and the non-ingestion protective concentration level exceedence zone, including a specification of the horizontal area and the minimum and maximum depth below ground surface. b. The level of contamination, the ingestion protective concentration level, and the non-ingestion protective concentration level, all expressed as mg/L units. c. Its basic geochemical properties (e.g., whether the contaminant of concern migrates with groundwater, floats or is soluble in water). ***Label "Appendix D"***	
5. A table displaying the following information for each contaminant of concern, to the extent known: a. The maximum concentration level for soil and groundwater, the ingestion protective concentration level, and the non-ingestion protective concentration level, all expressed as mg/kg for soils and mg/L for groundwater. b. The critical protective concentration level without the municipal setting designation, highlighting any exceedences. ***Label "Appendix E"***	

ITEM	COH Use Only
6. If the plume extends beyond the limits of property owners listed in this application, list the owners of the additional property beneath which the plume(s) extend(s), and a summary of interactions with those property owners about the plume(s) and this MSD application. Please Note: You are not required under this item to notify affected property owners, only to provide a summary of who affected property owners are, and if there have been any communications. "No contact" can be an acceptable answer. ***Label "Appendix F"***	
7. A statement as to whether the source of the plume has been removed, the plume of contamination is stable (i.e. no change) or contracting, and the plume is delineated, **with the basis for that statement**. Please include historical sampling data. ***Label "Appendix G"***	
8. A statement as to whether contamination on and off the designated property without a Municipal Setting Designation will exceed a residential assessment level as defined in the Texas Risk Reduction Program or analogous residential level set by EPA, if known, and the basis for that statement. ***Label "Appendix H"***	
9. A statement as to whether contamination on and off the designated property with a Municipal Setting Designation will exceed a residential assessment level as defined in the Texas Risk Reduction Program or analogous residential level set by EPA, if known, and the basis for that statement. ***Label "Appendix I"***	
10. Identification of the points of origin of the contamination, to the extent known. **Please list the Potentially Responsible Party (PRP), if unknown, state unknown. (*applications without the PRP listed will be deemed incomplete)*** ***Label "Appendix J"***	
11. Environmental regulatory actions, litigation, and plume identification. a. A description of any environmental regulatory actions that have been taken within the past five years in connection with the designated property, to the extent known. b. A description of any litigation that has taken place within the past five years in connection with the designated property, to the extent known. c. A statement as to whether there are any other remediation activities by the applicant, or any other party or agency, which are not listed in the application. *d.* A statement as to which contamination plume and groundwater zone the applicant is including in the MSD. ***Label "Appendix K"***	
12. A listing of all existing state or EPA registrations, permits, and identification numbers that applies to the designated property. ***Label "Appendix L"***	

ITEM	COH Use Only
13. Provide evidence that the designated property is currently or has previously been under the oversight of the TCEQ or the United States Environmental Protection Agency, as required by the Texas Health & Safety Code § 361.8065(c)(2)(A), and a description of the status of the designated property in the program (the program application number is sufficient evidence). Also, include the state or federal cleanup project manager's name. ***Label "Appendix M"***	
14. A summary of any environmental site assessment reports filed with TCEQ regarding any site investigations or response actions that are planned, ongoing or completed related to the designated property. ***Label "Appendix N"***	
15. A statement as to whether any public drinking water supply system exists that satisfies the requirements of Chapter 341 of the Texas Health and Safety Code and that supplies or is capable of supplying drinking water to the designated property and property within one-half mile of the designated property and the identity of each supply system. ***Label "Appendix O"***	
16. The name and address of each owner or operator of a water well registered or permitted by the state or the Houston-Galveston Subsidence District that is located within five miles of the boundary of the designated property, along with a map showing the location of each well and, to the extent known, a notation of whether each well is used for potable water. Well logs must be included in the electronic copy of the application, but should not be included in the hard copies. (An accompanying electronic excel file with mailing information should be included with your application.) ***Label "Appendix P"***	
17. The name and address of each retail public utility, as defined in section 13.002 of the Texas Water Code that owns or operates a groundwater supply well within five miles of the boundary of the designated property. ***Label "Appendix Q"***	
18. A listing of each municipality, other than the city of Houston, with a corporate limit within one-half mile of the boundary of the designated property. ***Label "Appendix R"***	
19. A listing of each municipality, other than the city of Houston, that owns or operates a groundwater supply well within five miles of the boundary of the designated property. ***Label "Appendix S"***	
20. A listing of owners of real property within 2,500 ft. of the boundary of the designated property as indicated by the most recent appraisal district records. Please Note: This requirement may include real property outside the City of Houston. Be sure to include **ALL** properties in the 2,500 ft. boundary. (An accompanying electronic excel file with mailing information should be included with your application.) ***Label "Appendix T"***	

ITEM	COH Use Only
21. Form U-2012-01 **signed and sealed** by a licensed professional engineer or licensed professional geoscientist authorized to practice in the State of Texas with expertise in environmental remediation. (Form U-2012-01 can be found at www.houstonmsd.org under the "Forms" section on the homepage.) Signing and sealing Form U-2012-01 certifies: a. The contaminants of concern from sources on the designated property or migrating from or through the designated property more likely than not [do exceed] OR [do not exceed] a non-ingestion protective concentration level on property beyond the boundaries of the designated property. (select the appropriate statement) b. All requirements of Section 47-762 of the Houston Code of Ordinances have been met, including demonstration that the groundwater contamination plume has been fully delineated and is stable or contracting in size ***Label "Appendix U"***	
22. If the licensed professional engineer or licensed professional geoscientist determines that contaminants of concern from sources on the designated property are migrating from or through the designated property more likely than not do exceed a non-ingestion protective concentration level on property beyond the boundary of the designated property, then the applicant must: a. Specify the name and address of the owner of each property. b. Send a copy of the application to the owner of the property with the notice of the public meeting. c. Provide documentation that the designated property has been included in a state or federal program that requires that the entire non-ingestion protective concentration level exceedence zone be addressed to the satisfaction of the agency administering the program, along with documentation of the estimated time period in which it is to be addressed. An example of such a program is the Texas Voluntary Cleanup Program (section 361.501 of the Texas Health and Safety Code, as may be amended from time to time). d. Provide documentation upon completion of the state or federal program showing that the non-ingestion protective concentration level exceedences have been addressed to the satisfaction of the agency administering the program. ***Label "Appendix V"***	
23. Form W-2012-01 **certified/signed** by the applicant and any authorized representatives of the applicant(s) listed in the application. (Form W-2012-01 is attached to the end of this application and can also be found at www.houstonmsd.org under the "Forms" section on the homepage.) ***Label "Appendix W"***	
24. Form X-2012-01 **signed** by the property owner or authorized agent (if an authorized agent, you must provide the legal authorization instrument). (Form W-2012-01 is attached to the end of this application and can also be found at www.houstonmsd.org under the "Forms" section on the homepage. ***Label "Appendix X"***	
25. A CD (or other devise) containing the pdf file of the application, Excel spreadsheet of water well owners and property owners for mailing notices, and the pdf file of the well log report. ***Label "Appendix Y"***	

EXECUTIVE SUMMARY

1.0 EXECUTIVE SUMMARY

MEC^X, Inc. (MEC^X) has prepared this Municipal Setting Designation (MSD) application on behalf of Goodman Global Group, Inc. (Goodman), the former property owner of the Former Cooling Plant assembly facility located at 1501 Seamist Drive, Harris County, Houston, Texas (Site). The Site encompasses approximately 15.17 acres and includes a split-level industrial warehouse structure of more than 500,000 square feet (SF) with roof parking and concrete-paved parking. Goodman, the former owner and operator of the Site, recently vacated the Site. Dickson Furniture Manufacturers (Dickson) currently owns and operates at the Site.

1.1 Topography

The elevation of the Site is approximately 70 feet (ft) above mean sea level (msl), with an east to northeast topographic relief. Significant water bodies in the vicinity of the Site include White Oak Bayou, which is located more than 2,700 ft northeast of the Site.

Storm water discharges from the Site to on-site basins, curbside street drainage and/or by unimproved sheet-flow, ultimately discharging into the City of Houston storm water system.

The Site is situated in Federal Emergency Management Agency (FEMA) Zone X, an area determined to be outside the 500-year flood plain with minimal flood hazard.

1.2 Geology/Hydrogeology

According to the Geologic Atlas of Texas, Houston Sheet (dated 1992) published by the Bureau of Economic Geology at the Balcones Research Center in Austin, the uppermost formation at the site is the Beaumont Formation. The Beaumont is a heterogeneous formation, containing thick interbedded layers of clay, fine sand and silt. The sands and silts, which vary in compactness from loose to very dense, are composed of quartz, feldspars, large particles of kaolinite, calcite and occasionally hornblende.

According to the Major Aquifers of Texas map published in 1990 by the Texas Water Development Board, the aquifer in the vicinity of the site is the regional Gulf Coast Aquifer. This aquifer is made up of many local aquifers; specifically, from shallowest to deepest are the Chicot, Evangeline and Jasper Aquifers. The Gulf Coast Aquifer consists of sand layers interbedded with clays that begin near the surface and continue to approximately 1,200 feet below ground surface (bgs). Regional groundwater flow is generally toward the east.

The general soil lithology encountered during sampling at the Site consisted of discontinuous layers of fill, clay, clayey sands and silty sand, with intermittent layers of clays, sand and silt from the surface and extending to approximately 45 ft bgs. Groundwater is first encountered beneath the Site at depths between 30 and 40 ft bgs. The water-bearing unit consist of a fine sand layer that varies from 1 foot thick to more than 5 ft thick.

1.3 Historical Operations

According to historical aerial photography, the far western portion of the Site was developed for single-family residential use since at least 1938, and the residence had been razed as of 1953.

The Site was developed with a warehousing/distribution facility and rail spur in 1967. According to city directories, JC Penny Co. occupied the Site from approximately 1975 through 1980, and Michelin Tire occupied the Site in approximately 1980. According to Harris County Appraisal District (HCAD), the Site

structures were altered in 1986, and city directories indicate that Goodman, an air conditioning and heating system manufacturer, occupied the Site since at least 1986.

The Site has been used for various industrial uses over the past 30 years or so. Following various Phase II environmental site assessments (ESA), the Site was entered into the Voluntary Cleanup Program (VCP) on 26 June 2019 and assigned case #3005. The applicable regulations are Texas Risk Reduction Program (TRRP) rules.

1.4 Historical Environmental Condition

During a December 2018 Phase I ESA conducted by others, several underground structures were observed, including approximately seventeen pits, two trench drains and either one or two concrete-filled underground storage tanks (USTs). The ESA report stated that the history of petroleum product and various hazardous material use in conjunction with multiple potential pathways to the subsurface located throughout the site structure constituted a recognized environmental concern (REC).

In January 2019, others conducted a Phase II ESA to determine if chemicals of concern (COCs) were present in soil and/or shallow groundwater at the Site. They collected groundwater samples from ten locations (TMW-01 through TMW-10) at the site for analyses of total petroleum hydrocarbons (TPH) and volatile organic compounds (VOCs). Dichloroethylene (1,1-DCE) exceeding groundwater ingestion ($^{GW}GW_{Ing}$) TRRP Tier 1 protective concentration levels (PCL) was detected.

MEC^X performed additional assessments including delineation of soil and groundwater at the Site in July 2019, November 2019 and February 2020. The investigation included collection of soil and groundwater from 11 locations on-site (MW-01 through MW-08 and SB-09 through SB-11). Additional COCs exceeding TRRP Tier 1 PCLs for $^{GW}GW_{Ing}$ detected include: tetrachloroethylene (PCE), bis (2-ethylhexyl) phthalate, trichloroethylene (TCE) and arsenic.

In July 2020, MEC^X advanced and collected samples from 4 additional soil borings (SB-12 through SB-15) to further delineate TPH near TMW-04. MEC^X also installed and collected samples from 3 additional permanent monitoring wells (MW-09 through MW-11) to further delineate chlorinated VOCs in response to TCEQ comments. Soil boring and monitoring well locations are shown on Figures A and C4. Additional COCs exceeding the TRRP Tier 1 PCLs for $^{GW}GW_{Ing}$ discovered during this event included: lead, barium, chromium, methylene chloride, vinyl chloride and C_6-C_{12} TPH.

1.5 Current Environmental Condition

MEC^X has continued quarterly groundwater monitoring of the 11 monitoring wells at the Site in accordance with TCEQ's requests.

From the most recent sampling data (September 2021), the COCs in groundwater at the Site include arsenic, 1,1-DCE, PCE, vinyl chloride and C_6-C_{12} TPH. Bis (2-ethylhexyl) phthalate has not exceeded the critical PCL within the past two years. The COC plumes have been fully delineated and have stabilized, with the exception of arsenic. However, the arsenic that extends beyond the property boundary is representative of regional background conditions and is not related to the former Goodman operations at the Site. The known historic processes used at the Site are not known to have included or contained arsenic. Arsenic is ubiquitous in this area at concentrations relatively consistent with the Texas Specific Background Concentrations (TSBC's). Additionally, arsenic exceeding the Tier 1 Commercial $^{GW}GW_{Ing}$ PCL was identified and accepted as background in three other VCP sites (# 2719, 1931 and 2721) within a half-mile radius of

the site. The PCLE zone for the Site (Figure C3.2) also suggests that the source of arsenic is off-site to the south-southeast.

Non-aqueous phase liquids (NAPL) have not been detected on-site. MEC^X also reviewed available historical environmental documents for the Site and did not find evidence of NAPL at the Site.

A summary of environmental events to date is provided below:

- December 2018: Phase I ESA (by others)
- January 2019: Phase II ESA (by others)
- July 2019: Additional boring/well installation and soil/groundwater sampling (MEC^X)
- November 2019: Additional groundwater sampling (MEC^X)
- February 2020: Additional groundwater sampling (MEC^X)
- July 2020: Additional boring/well installation and soil/groundwater sampling (MEC^X)
- October 2020: Additional groundwater sampling (MEC^X)
- January 2021: Additional boring installation and soil/groundwater sampling (MEC^X)
- May 2021: Additional groundwater sampling (MEC^X)
- September 2021: Additional groundwater sampling (MEC^X)

Appendix A

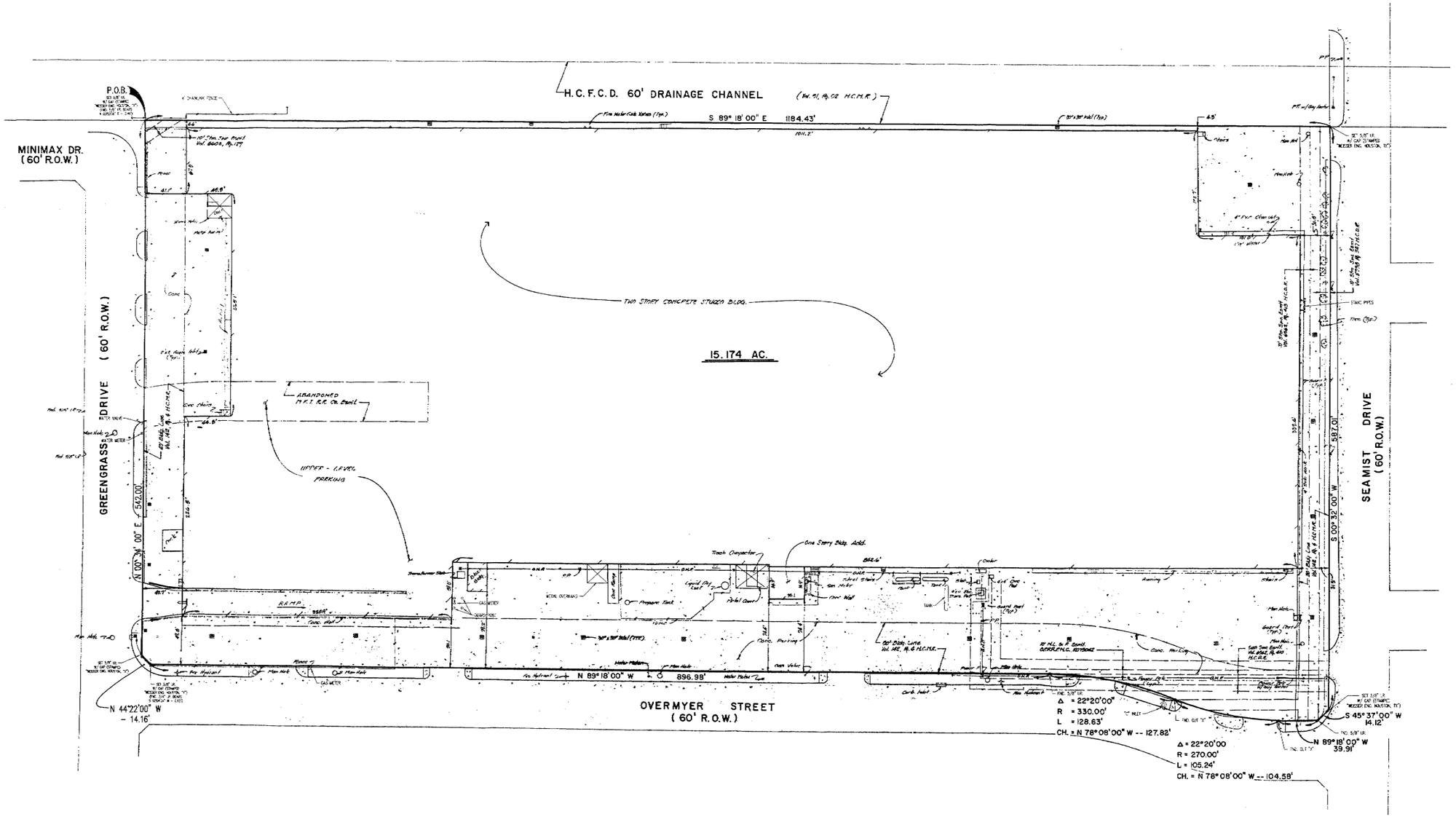
Appendix A

Provide a legal description of the boundaries of the designated property, including metes and bounds, and a copy of the deed for the property. A professional surveyor currently registered with the Texas Board of Professional Surveying must certify that all property descriptions with metes and bounds are accurate.

The legal description plus a metes and bounds description for the designated property is included in this section. A copy of the deed for the property is also included. The proposed MSD boundary encompasses 15.17-acres.

Figure A depicts the proposed MSD boundary.

PARTNERS TITLE COMPANY, G.F. No. 2715000010



KEY MAP No. 452-W

DESCRIPTION OF A 15.174-ACRE (660,991 SQ. FT.) TRACT OF LAND SITUATED IN THE JOHN REINERMAN SURVEY, A-642, HARRIS COUNTY, TEXAS

Being a 15.174-acre (660,991 square feet) tract of land situated in the John Reinerman Survey, A-642, Harris County, Texas and being all of Block 1 of Highway Industrial Park North as recorded by map or plat in Volume 142, Page 4 of the Map Records of Harris County, Texas. Said 15.174-acre tract being that same tract of land conveyed to Goodman Manufacturing Company, L.P. by instrument filed for record under Harris County Clerk's File No. R512779, Film Code No. 905-18-1527 of the Official Public Records of Real Property of Harris County, Texas and being more particularly described by metes and bounds as follows with the bearings being the west line of said Block 1:

BEGINNING at a 5/8-inch iron rod with cap (stamped "WEISSER ENG. HOUSTON, TX") set at the intersection of the north right-of-way line of Minimax Drive (60 feet width), the east right-of-way line of Greengrass Drive (60 feet width) as dedicated by map or plat filed for record in Volume 142, Page 4 of the Map Records of Harris County, Texas and the south line of a 60 feet wide drainage ditch as dedicated by map or plat filed for record in Volume 55, Page 52 of the Map Records of Harris County, Texas and being the northwest corner of the herein described tract of land, from which a found 5/8-inch iron rod bears North 33 deg. 53 min. 16 sec. East, a distance of 3.46 feet;

THENCE South 89 deg. 18 min. 00 sec. East, along the south line of said 60 feet wide drainage ditch, a distance of 1184.43 feet to a 5/8-inch iron rod with cap (stamped "WEISSER ENG. HOUSTON, TX") set in the west right-of-way line of Seamist Drive (60 feet width) (formerly Dunleigh Drive) as dedicated by map or plat filed for record in Volume 57, Page 62 of the Map Records of Harris County, Texas and being the northeast corner of said tract herein described;

THENCE South 00 deg. 32 min. 00 sec. West, along the west right-of-way line of said Seamist Drive, a distance of 587.01 feet to a cut "X" found in concrete for the northerly corner of a 30 foot cut-back corner formed at the intersection of the west right-of-way line of said Seamist Drive and the north right-of-way line of Overmyer Street (60 feet width) as dedicated by map or plat filed for record in Volume 142, Page 4 of the Map Records of Harris County, Texas and being the most easterly southeast corner of said tract herein described;

THENCE South 45 deg. 37 min. 00 sec. West, along said cut-back corner, a distance of 14.12 feet to a cut "X" set in concrete for the southerly end of said 30 foot cut-back corner and being the most southerly southeast corner of said tract herein described, from which a found 5/8-inch iron rod bears North 13 deg. 51 min. 26 sec. East, a distance of 0.44 feet;

THENCE North 89 deg. 18 min. 00 sec. West, along the north right-of-way line of said Overmyer Street, a distance of 39.91 feet to a cut "X" found in concrete for the beginning of a tangent curve to the right;

THENCE Easterly, continuing along the north right-of-way line of said Overmyer Street and with said curve to the right having a radius of 270.00 feet, a central angle of 22 deg. 20 min. 00 sec., a chord bearing of North 78 deg. 08 min. 00 sec. West and a chord distance of 104.58 feet for a curve length of 105.24 feet to a cut "X" found in concrete for the beginning of a reverse curve to the left;

THENCE Easterly, continuing along the north right-of-way line of said Overmyer Street and with said curve to the left having a radius of 330.00 feet, a central angle of 22 deg. 20 min. 00 sec., a chord bearing of North 78 deg. 08 min. 00 sec. West and a chord distance of 127.82 feet for a curve length of 128.63 feet to a 5/8-inch iron rod with cap (stamped "WEISSER ENG. HOUSTON, TX") set in a point of tangency and being angle point of said tract herein described, from which a found 5/8-inch iron rod bears North 77 deg. 25 min. 24 sec. East, a distance of 2.27 feet;

THENCE North 89 deg. 18 min. 00 sec. West, continuing along the north right-of-way line of said Overmyer Street, a distance of 896.98 feet to a 5/8-inch iron rod with cap (stamped "WEISSER ENG. HOUSTON, TX") set at the southerly corner of a 30 foot cut-back corner formed at the intersection of the north right-of-way line of said Overmyer Street and the east right-of-way line of said Greengrass Drive and being the most southerly southwest corner of said tract herein described, from which a found 3/4-inch iron pipe bears South 32 deg. 04 min. 04 sec. West, a distance of 0.32 feet;

THENCE North 44 deg. 22 min. 00 sec. West, along said 30 foot cut-back corner, a distance of 14.16 feet to a 5/8-inch iron rod with cap (stamped "WEISSER ENG. HOUSTON, TX") set for the northerly corner of said 30 foot cut-back corner and being the most westerly southwest corner of said tract herein described;

THENCE North 00 deg. 34 min. 00 sec. East, along the east right-of-way line of said Greengrass Drive, a distance of 542.00 feet to the POINT-OF-BEGINNING and containing 15.174-acres (660,991 square feet) of land.

I, WALTER P. SASS, A REGISTERED PROFESSIONAL LAND SURVEYOR OF THE STATE OF TEXAS HEREBY CERTIFY THAT THE ABOVE PLAT CORRECTLY REPRESENTS A SURVEY MADE ON THE GROUND UNDER MY SUPERVISION ON NOVEMBER 07, 2003. THIS PROFESSIONAL SERVICE IS BASED UPON THE INFORMATION PROVIDED BY PARTNERS TITLE COMPANY, G.F. No. 2715000010 AND SUBSTANTIALLY CONFORMS TO THE CURRENT TEXAS SOCIETY OF PROFESSIONAL LAND SURVEY STANDARDS AND SPECIFICATIONS FOR A CATEGORY 1A, CONDITION II SURVEY.

WALTER P. SASS
4410
REGISTERED PROFESSIONAL LAND SURVEYOR
STATE OF TEXAS, No. 4410

NOTE:
THIS SURVEY IS BEING CREATED SOLELY FOR THE PARTIES NAMED ABOVE. NO LICENSE HAS BEEN CREATED, IMPLIED OR IMPLIED TO COPY THE SURVEY EXCEPT AS IS NECESSARY IN CONJUNCTION WITH THIS TRANSACTION.

ADDRESS: 690 OVERMYER STREET
HOUSTON, TX 77008

SUBJECT TO
1. RESTRICTIVE COVENANTS AS SET OUT IN VOLUME 142, PAGE 4 OF THE MAP RECORDS OF HARRIS COUNTY, TEXAS, AND BY INSTRUMENTS FILED FOR RECORD IN VOLUME 1286, PAGE 396, VOLUME 1816, PAGE 196, VOLUME 5272, PAGE 219 OF THE DEED RECORDS OF HARRIS COUNTY, TEXAS AND UNDER HARRIS COUNTY CLERK'S FILE No. R138614 AND R138615 OF THE OFFICIAL PUBLIC RECORDS OF REAL PROPERTY OF HARRIS COUNTY, TEXAS.
2. SUBJECT PROPERTY IS LOCATED WITHIN THE CITY OF HOUSTON OR WITHIN ITS EXTRA TERRITORIAL JURISDICTION WITHIN 5 MILES OF THE CITY LIMITS BUT THOSE OUTSIDE ANOTHER MUNICIPALITY IS IS SUBJECT TO THE TERMS, CONDITIONS AND PROVISIONS OF CITY OF HOUSTON ORDINANCE NO. 83-1533, PERTAINING TO, AMONG OTHER THINGS, THE PLATTING AND REPLATTING OF REAL PROPERTY AND TO THE ESTABLISHMENT OF BUILDING LINES. A CERTIFIED COPY OF SAID ORDINANCE WAS FILED OF RECORD ON AUGUST 1, 1983, UNDER HARRIS COUNTY CLERK'S FILE NUMBER N238882 AND AS AMENDED BY THE CITY OF HOUSTON UNDER SPC No. 90-262.

NOTE:
BASED ON GRAPHIC DETERMINATION THIS PROPERTY IS NOT IN THE 100-YEAR FLOOD ZONE PER F.I.R.M. MAP COMMUNITY PANEL No. 485266 0865 K DATED APRIL 22, 2000 AND IS DESIGNATED TO BE "X ZONE "X"

WEISSER Engineering Co.
11200 Park Row
Houston, Texas 77024
(281) 579 - 7292

SURVEY OF A 15.174-ACRE (660,991 SQ. FT.) TRACT OF LAND SITUATED IN THE JOHN REINERMAN SURVEY, A-642, HARRIS COUNTY, TEXAS.

JOB No.: AK158 (397-158) SCALE: 1" = 30'
DATE: 11/07/03

© Copyright 2003 Weisser Engineering Company, Inc.

SPECIAL WARRANTY DEED

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

STATE OF TEXAS	§	
	§	KNOW ALL MEN BY THESE PRESENTS:
COUNTY OF HARRIS	§	

GOODMAN MANUFACTURING COMPANY, L.P., a Texas limited partnership ("Grantor"), for and in consideration of (a) the sum of Ten Dollars ($10.00) and other good and valuable consideration paid by **DICKSON REAL ESTATE, LLC**, a Texas limited liability company ("Grantee"), whose mailing address is 6900 Overmyer Drive, Houston, Texas 77008, Attention: Doug Mueller, to Grantor, the receipt and sufficiency of which are hereby acknowledged, and (b) further consideration of certain sums paid to Grantor herein by Zions Bancorporation, N.A. d/b/a Amegy Bank (the "Mortgagee"), at the special instance and request of Grantee, the receipt of which is hereby acknowledged, and as evidence of such advancement, and of other sums paid or to be paid to or for the benefit of Grantee, Grantee has executed and delivered a promissory note of even date herewith (the "Note") payable to the order of Mortgagee, principal and interest being due and payable as therein provided, which Note is secured by the vendor's lien herein reserved and is additionally secured by that one certain Deed of Trust, Assignment of Rents, Security Agreement and Financing Statement ("Deed of Trust"), executed by Grantee to George M. Marshall, having an address of 1717 West Loop South, Houston, Texas 77027, Trustee, reference to which is here made for all purposes, and in consideration of the payment of the sums above-mentioned by Mortgagee, Grantor hereby transfers, sets over, assigns, and conveys unto Mortgagee the vendor's lien and superior title herein retained and reserved against the Property (described below) in the same manner and to the same extent as if a note payable to the order of Grantor in the amount of the sums as paid to Grantor by Mortgagee had been executed by Grantee and by Grantor assigned to Mortgagee without recourse on Grantor, has GRANTED, BARGAINED, SOLD, ASSIGNED and CONVEYED, and by these presents does GRANT, BARGAIN, SELL, ASSIGN and CONVEY, unto Grantee the following (collectively, the "Property"):

(a) that certain tract of real property located in Harris County, Texas described in Exhibit A hereto attached and made a part hereof for all purposes (the "Land"), together with all improvements, buildings, and structures thereon;

(b) all systems, facilities, fixtures, machinery, equipment, and conduits attached to the Land and improvements, buildings, and structures thereon;

(c) all right, title, and interest of Grantor in and to all benefits, privileges, rights (including, but not limited to, rights of ingress and egress to and from, air rights, utility rights and utility reservations), tenements, easements, hereditaments, development rights, and appurtenances on the Land or in any way pertaining to the Land;

(d) any and all right, title, and interest of Grantor in and to any oil, gas, or other minerals in, on, under or that may be produced from the Land; and

(e) all right, title, and interest of Grantor in any roads, streets, alleys, passages, and other ways (open or proposed), rights of way, strips, gores and pieces of property included therein or adjacent or contiguous to or abutting, affecting, crossing, fronting, or bounding the Land.

The Property shall exclude the following, which shall be reserved and retained by Seller: (i) all Hazardous Materials (defined below) located on the Property as of the date of this deed and (ii) all ground water at, on, or under the Property (collectively, the "Reserved Rights"), except to the extent required to satisfy Seller's Remediation Obligation pursuant to the Sixth Amendment to Agreement of Purchase and Sale dated May 10, 2019 by and between Grantor and Grantee and subject to the conditions contained therein, Grantor waives the right of ingress and egress to and from the surface of the Property relating to the Reserved Rights and conveys to Grantee all surface rights, and neither Grantor nor Grantor's heirs, personal representatives, or assigns shall have the right for any purpose whatsoever to enter upon or through the surface of the Property in connection therewith or to undermine the lateral and subjacent support of the surface of the Property or any improvements located thereon, except to the extent required to satisfy Seller's Remediation Obligation pursuant to the Sixth Amendment to Agreement of Purchase and Sale dated May 10, 2019 by and between Grantor and Grantee and subject to the conditions contained therein, Grantor shall have no right to place or maintain any structures, improvements, equipment, or pipelines on or across the surface of the Property or to install any fixtures or facilities on the surface of the Property.

For purposes of this deed, Hazardous Materials means any substance which at any time shall be listed as or meet the criteria of a "solid waste," "hazardous waste," "hazardous substance," "hazardous material," "pollutant," "contaminant," "toxic material," "toxic pollutant," "toxic substance," or words of similar import, in any Environmental Law and which are present as of the date of this deed in the soil or groundwater at the Property. The term "Hazardous Materials" shall also specifically include, without limitation (a) 1,1-dichloroethylene and any chemical compounds resulting from the degradation or other chemical transformation of 1,1-dichloroethylene, (b) petroleum or petroleum products and fractions thereof, natural gas or natural gas products, radioactive materials, asbestos or asbestos containing materials in any form, urea formaldehyde foam insulation, radon gas, polychlorinated biphenyls ("PCBs"), and transformers or other equipment that contain dielectric fluid containing PCBs; (c) any flammable, combustible, explosive, infectious, corrosive, reactive, caustic, irritant, carcinogenic, mutagenic or teratogenic substances or materials; and (d) any other chemical, material, waste or substance which is in any way regulated by any federal, state or local government authority, agency, or instrumentality, including mixtures thereof with any materials, and including any regulated building materials such as asbestos and lead, each to the extent present as of the date of this deed in the soil or groundwater at the Property.

TO HAVE AND TO HOLD the Property, together with all and singular any other rights and appurtenances thereto in anywise belonging, unto Grantee, its successors and assigns, FOREVER, subject only to those matters set forth on Exhibit B attached hereto, to the extent (but no further) that same are valid and subsisting as of the date hereof and affect title to the Property (collectively, the "Encumbrances"); and Grantor does hereby bind itself, its successors and assigns, to WARRANT AND FOREVER DEFEND all and singular the Property unto Grantee, its successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof, by, through or under Grantor, but not otherwise, subject, however, to the Encumbrances.

Grantee, by its acceptance hereof, does hereby assume and agree to pay any and all ad valorem taxes and special assessments pertaining to the Property for calendar 2019 and subsequent years, there having been a proration of ad valorem taxes for the current calendar year between Grantor and Grantee.

But it is expressly agreed and stipulated that the vendor's lien and superior title is retained against the Property until the Note, together with all interest thereon and all other sums that may become due and

payable by the terms of said Note and/or the aforesaid Deed of Trust, are fully paid according to their face, tenor, effect, and reading, when this deed shall become absolute.

When the context requires, singular nouns and pronouns include the plural.

[Remainder of Page Blank]

EXECUTED this the ____ day of _____, 2019.

GRANTOR

GOODMAN MANUFACTURING COMPANY, L.P.,
a Texas limited partnership

By: GOODMAN HOLDING COMPANY,
a Texas corporation, its general partner

By: _____
Name: Takeshi Ebisu
Title: President & CEO

Grantee's Address is:

6900 Overmyer Drive
Houston, Texas 77008

THE STATE OF TEXAS §
§
COUNTY OF HARRIS §

This instrument was acknowledged before me this 29 day of May, 2019 by Takeshi Ebisu, President & CEO of GOODMAN HOLDING COMPANY, a Texas corporation that is the general partner of **GOODMAN MANUFACTURING COMPANY, L.P.**, a Texas limited partnership, on behalf of said corporation as general partner of such limited partnership for the purposes and consideration therein expressed.

KAGEE WALKER
My Notary ID # 2110101
Expires December 1, 2021

_____
NOTARY PUBLIC, STATE OF TEXAS

018398.000001
377 - 5337427.1

EXHIBIT A TO SPECIAL WARRANTY DEED

LEGAL DESCRIPTION

A tract or parcel of land containing 15.174 acres (660,992 square feet), more or less, situated in the John Reinerman Survey, Abstract Number 642, HARRIS County, Texas. The said 15.174 acre tract being all of a called 15.174 acre tract as conveyed to Goodman Manufacturing Company, L.P., by deed recorded in Clerk's File Number R-617771 (Film Code No. 505-69-1837 through 505-69-1847) of the Official Public Records of Real Property of HARRIS County, Texas, also being Block "1" of the Highland Industrial Park North as recorded in Volume 142, Page 4 of the Map Records of HARRIS County, Texas, and being further described by metes and bounds as follows, with the basis of bearings being the Texas State Plane Coordinate System, South Central Zone No. 4204 (NAD 83) (2001 adj.), all coordinates shown hereon are Grid Coordinates and may be converted to surface by multiplying by the combined scale factor of 1.000103355, all distances are surface distances:

BEGINNING (N = 13,854,759.76 and E = 3,096,821.53) at a 5/8-inch iron rod with cap stamped "WEISSER ENG HOUSTON, TX" set for the northwest corner of said tract herein described as located in the east right-of-way line of Greengrass Drive (60 foot r.o.w.) and the south line of a 60 foot Harris County Flood Control Drainage Channel recorded in Volume 51, Page 52 of the Map Records of HARRIS County, Texas;

THENCE North 88 deg. 02 min. 06 sec. East, with the south line of said 60-foot Harris County Flood Control Drainage Channel, with the north line of said tract herein described, with the north line of said 15.174 acre tract and the north line of said Block "1", a distance of 1,184.43 feet to a 5/8-inch iron rod with cap stamped "WEISSER ENG HOUSTON, TX" set for the northeast corner of said tract herein described, located in the west right-of-way line of Seamist Drive (60 foot r.o.w.);

THENCE South 02 deg. 07 min. 54 sec. East, with the west line of said Seamist Drive, with the east line of said tract herein described, with the east line of said 15.174 acre tract and the east line of said Block "1", a distance of 587.01 feet to a 2-1/2-inch "X" in concrete found for a southeast corner of said tract herein described, located at the beginning of a northwest right-of-way cutback line of Overmeyer Street (60 foot r.o.w.);

THENCE South 42 deg. 57 min. 06 sec. West, with the northwest right-of-way cutback line of said Overmeyer Street, with a south line of said tract herein described, with the south line of said 15.174 acre tract and the south line of said Block "1", a distance of 14.12 feet to a 5/8-inch iron rod found for a southeast corner of the said tract herein described, located at the end of said right-of-way cutback line:

THENCE South 88 deg. 02 min. 06 sec. West, with the north line of said Overmeyer Street, with a south line of said tract herein described, with a south line of said 15.174 acre tract, with a south line of said Block "1", a distance of 39.91 feet to a 2-1/2-inch "X" in concrete found for the beginning of a curve to the right;

THENCE in a northwesterly direction, with the north right-of-way line of said Overmeyer Street, with a south line of said tract herein described, with a south line of said 15.174 acre tract, with a south line of the said Block "1", and with the arc of the said curve to the right, having a radius of 270 feet, a central angle of 22 deg. 19 min. 57 sec., a chord bearing of North 80 deg. 47 min. 56 sec. West, a chord distance of 104.58 feet and an arc length of 105.24 feet to a 2-1/2-inch "X" in concrete found for a point of reverse curvature of a curve to the left;

THENCE in a northwesterly direction, with the north right-of-way line of said Overmeyer Street, with a south line of said tract herein described, with a south line of said 15.174 acre tract, with a south line of the said Block "1", and with the arc of the said curve to the left, having a radius of 330 feet, a central angle of 22 deg. 20 min. 00 sec., a chord bearing of North 80 deg. 47 min. 55 sec. West, a chord distance of 127.82 feet and an arc length of 128.63 feet to a 5/8-inch iron rod stamped "EIC Surveying" for the end of said curve;

THENCE South 88 deg. 02 min. 06 sec. West, with the north right-of-way line of said Overmeyer Street, with a south line of said tract herein described, with a south line of said Block 1 and with a south line of said 15.174 acre tract, a distance of 896.98 feet to a 5/8-inch iron rod with cap stamped "WEISSER ENG HOUSTON, TX" set for a southwest corner of said tract herein described located at the beginning of a northwest right-of-way cutback line of said Greengrass Drive;

THENCE North 47 deg. 01 min. 54 sec. West, with the northwest right-of-way cutback line of said Greengrass Drive, with a south line of said tract herein described and with a south line of said Block 1 and with a south line of said 15.174 acre tract, a distance of 14.16 feet to a 5/8-inch iron rod with cap stamped "WEISSER ENG HOUSTON, TX" found for a southwest corner of said tract herein described located at the end of the northwest right-of-way cutback corner of said

Greengrass Drive;

THENCE North 02 deg. 05 min. 54 sec. West, with the west line of said tract herein described with the east line of said Greengrass Drive, with the west line of said Block 1 and with a west line of said 15.174 acre tract a distance of 542.00 feet to the POINT OF BEGINNING and containing 15.174 acres (660,992 square feet) of land, more or less.

EXHIBIT B TO SPECIAL WARRANTY DEED

ENCUMBRANCES

Covenants, conditions and restrictions as set forth in the document(s):

Recording No: Volume 3266, Page 580 of the Deed Records

Recording No: C-314090 (being Volume 6379, Page 219 Deed Records)
Recording No: C-323964 (being Volume 6399, Page 596 Deed Records)
Recording No: D-118114 (being Volume 8024, Page 234 Deed Records)
Recording No: D-118115 (being Volume 8024, Page 237 Deed Records)

Storm Sewer Easement Ten (10) feet in width along the east property line (Tract One), in favor of The City of Houston, as set out by instrument dated March 31, 1965, filed for record under Clerk's File Number C-124845 (Volume 5998, Page 347, Deed Records) of the Official Public Records of Real Property of HARRIS County, Texas.

Storm Sewer Easement crossing the northwesterly corner of Tract One, in favor of The City of Houston, as set out by instrument filed for record under Clerk's File Number C-426055 (Volume 6608, Page 129, Deed Records) of the Official Public Records of Real Property of HARRIS County, Texas.

Sanitary Sewer Easement crossing the southeasterly corner of Tract One, in favor of The City of Houston, as set out by instrument filed for record under Clerk's File Number C-403737 (Volume 6562, Page 410, Deed Records) of the Official Public Records of Real Property of HARRIS County, Texas.

Storm Sewer Easement crossing the easterly portion of Tract One, in favor of The City of Houston, as set out by instrument filed for record under Clerk's File Number C-403728 (Volume 6562, Page 413, Deed Records) of the Official Public Records of Real Property of HARRIS County, Texas.

Easement(s) Ten (10) feet in width, together with unobstructed aerial easement Ten (10) feet in width extending upward from a plane Sixteen (16) feet above ground level adjoining thereto, granted to Houston Lighting and Power Company, as set out by instrument filed for record under Clerk's File Number K-075042 of the Official Public Records of Real Property of HARRIS County, Texas.

Easement Ten (10) feet in width, together with unobstructed aerial easement Ten (10) feet in width extending upward from a plane Sixteen (16) feet above ground level adjoining thereto, granted to CenterPoint Energy Houston Electric, LLC, and CenterPoint Energy Resources Corp., d/b/a CenterPoint Energy Texas Gas Operations, as set out by instrument filed for record under Clerk's File Number Y-900168 of the Official Public Records of Real Property of HARRIS County, Texas.

Interest in and to all coal, lignite, oil, gas and other minerals, and all rights incident thereto, contained in instrument dated December 20, 1956, recorded on January 24, 1957, in Volume 3266, Page 580 of the Deed Records of HARRIS County, Texas.

Interest in and to all coal, lignite, oil, gas and other minerals, and all rights incident thereto, contained in instrument dated June 14, 1966, recorded on June 24, 1966, in Volume 6406, Page 319 of the Deed Records (Clerk's Number C-327218) of HARRIS County, Texas.

Interest in and to all coal, lignite, oil, gas and other minerals, and all rights incident thereto, contained in instrument dated May 27, 1970, recorded on June 3, 1970, in Volume 8024, Page 237 of the Deed Records (Clerk's Number D-118115) of HARRIS County, Texas.

Building Set Back Line varying from Forty (40) to Fifty (50) feet along the south property line, as shown on the plat recorded in Volume 142, Page 4 of the Map Records of HARRIS County, Texas.

Building Set Back Line Forty (40) feet along the west property line, as shown on the plat recorded in Volume 142, Page 4 of the Map Records of HARRIS County, Texas.

Building Set Back Line Thirty (30) feet along the east property line, as shown on the plat recorded in Volume 142, Page 4 of the Map Records of HARRIS County, Texas.

LEGEND:

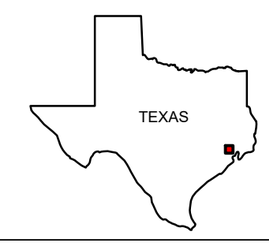
- MSD BOUNDARY

BUILDING AND STREET LOCATIONS BASED ON 2019 GOOGLE EARTH IMAGERY

N

0 25 50 100 200

SCALE (FT)



MEC^X, INC.
8864 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054

FIGURE A - MSD BOUNDARY
FORMER COOLING PLANT
VCP NO. 3005
1501 SEAMIST DRIVE
HOUSTON, TEXAS 77008

PROJECT NO: 1567.002C.00 | REV. DATE: 22 OCT 2021

Appendix B

Appendix B

A description of the current use and, to the extent known, the anticipated use(s) of the designated property and properties within 500 feet of the boundary of the designated property.

The proposed MSD area is 15.17-acres of land located northwest of downtown Houston, Harris County, Texas. The affected property is in a commercial/industrial land use area of Houston. Figure B shows the surrounding land use within 500-feet of the site.

The subject property is currently a furniture manufacturing warehouse.

The surrounding land use is predominantly commercial/industrial and single-family residential.

- North – single-family residential
- East – single-family residential
- South – commercial/industrial facility
- West – commercial/industrial facility

LEGEND:

- 500 FT. PROPERTY BOUNDARY

STATE OF TEXAS
LARRY D. RADER
GEOLOGY
No. 10057
LICENSED
PROFESSIONAL GEOSCIENTIST

BASED ON 2019 GOOGLE EARTH IMAGERY

N

0 25 50 100 200
SCALE (FT)

MEC^X

MEC^X , INC.
8864 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054

FIGURE B - SURROUNDING LAND USE
FORMER COOLING PLANT
1501 SEAMIST DRIVE
HOUSTON, TEXAS 77008

PROJECT NO: 1567.002C.00 | REV. DATE: 28 JAN 2020

Appendix C

Appendix C

A site map showing:

a. The location of the designated property.

b. The topography of the designated property as indicated on publicly available sources, which must note the watershed including the nearest surface water body and whether the designated property is located in a floodplain or floodway, as those terms are defined in Chapter 19 of the Code of Ordinances.

c. The detected area of groundwater contamination.

d. The location of all soil sampling locations and all groundwater monitoring wells.

e. Groundwater gradients, to the extent known, and direction of groundwater flow.

f. The ingestion protective concentration level exceedance zone for each contaminant of concern, to the extent known.

g. Depth to groundwater for each affected zone.

The following figures are included in Appendix C:

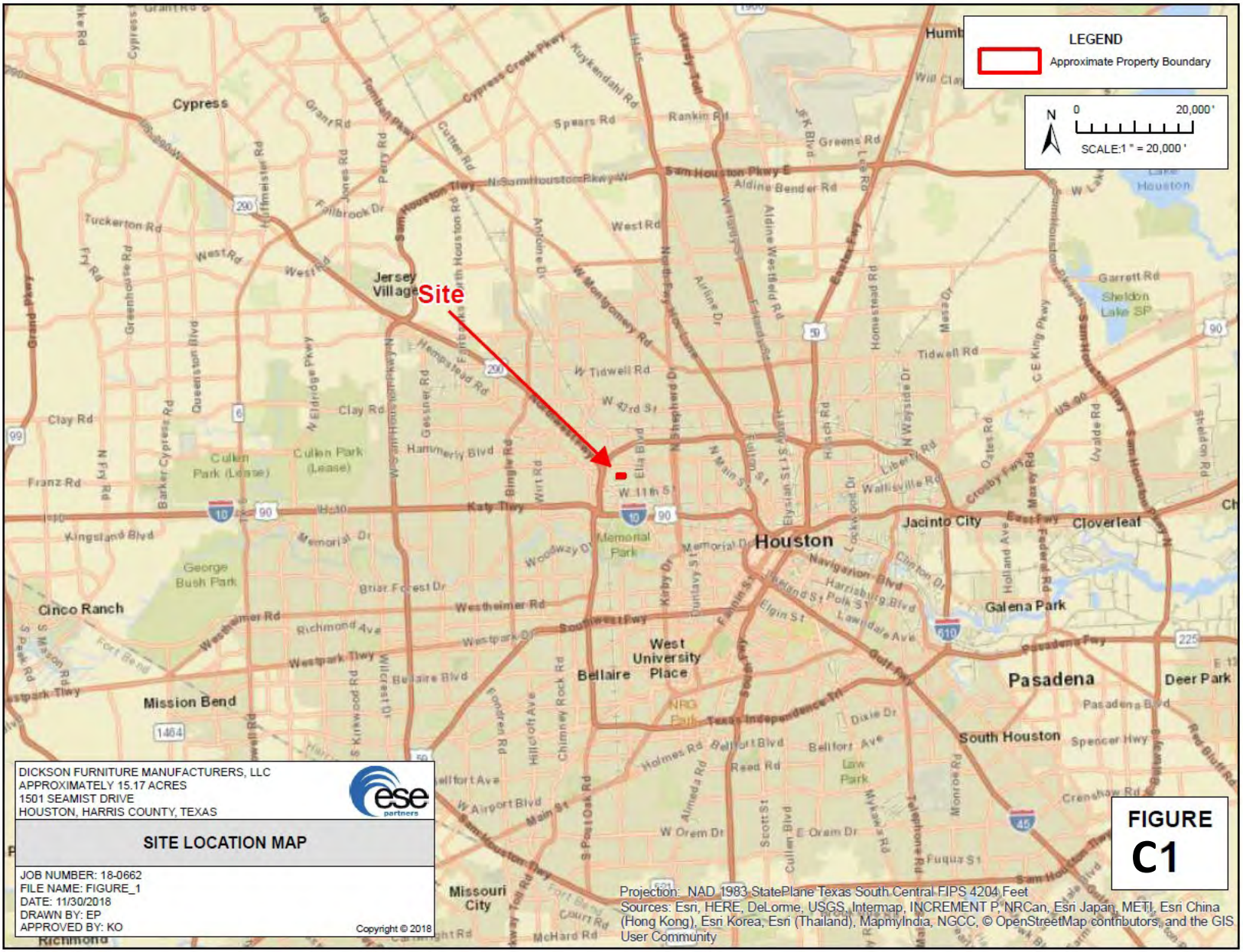
- Figure C1 – Location Map
- Figure C2.1 – Topography Map
- Figure C2.2 – Flood Plain Map
- Figure C2.3 – Watershed Map
- Figure C3.1 – Groundwater Concentrations Map
- Figure C3.2 – Groundwater Protective Concentration Level Exceedances (PCLE) Map
- Figure C4 – On Site Layout
- Figure C5 – Groundwater Gradient

The Site is located within the White Oak Bayou Watershed and is located outside the 0.2% annual chance (500 year) floodplain (Figure C2.2). The nearest water body is White Oak Bayou which is located approximately 2,700 feet north to northeast of the Site.

Figure C3.1 and Figure C3.2 depict the groundwater concentrations and PCLE zones during the most recent sampling event (September 2021).

Figure C4 depicts the locations of the soil and groundwater sample locations.

The groundwater gradient flows towards the northeast (Figure C5).



DICKSON FURNITURE MANUFACTURERS, LLC
APPROXIMATELY 15.17 ACRES
1501 SEAMIST DRIVE
HOUSTON, HARRIS COUNTY, TEXAS

ese partners

SITE LOCATION MAP

JOB NUMBER: 18-0662
FILE NAME: FIGURE_1
DATE: 11/30/2018
DRAWN BY: EP
APPROVED BY: KO

Copyright © 2018

Projection: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community

FIGURE C1

DICKSON FURNIGURE MANUFACTURERS, LLC
APPROXIMATELY 15.17 ACRES
1501 SEAMIST DRIVE
HOUSTON, HARRIS COUNTY, TEXAS

TOPOGRAPHIC MAP

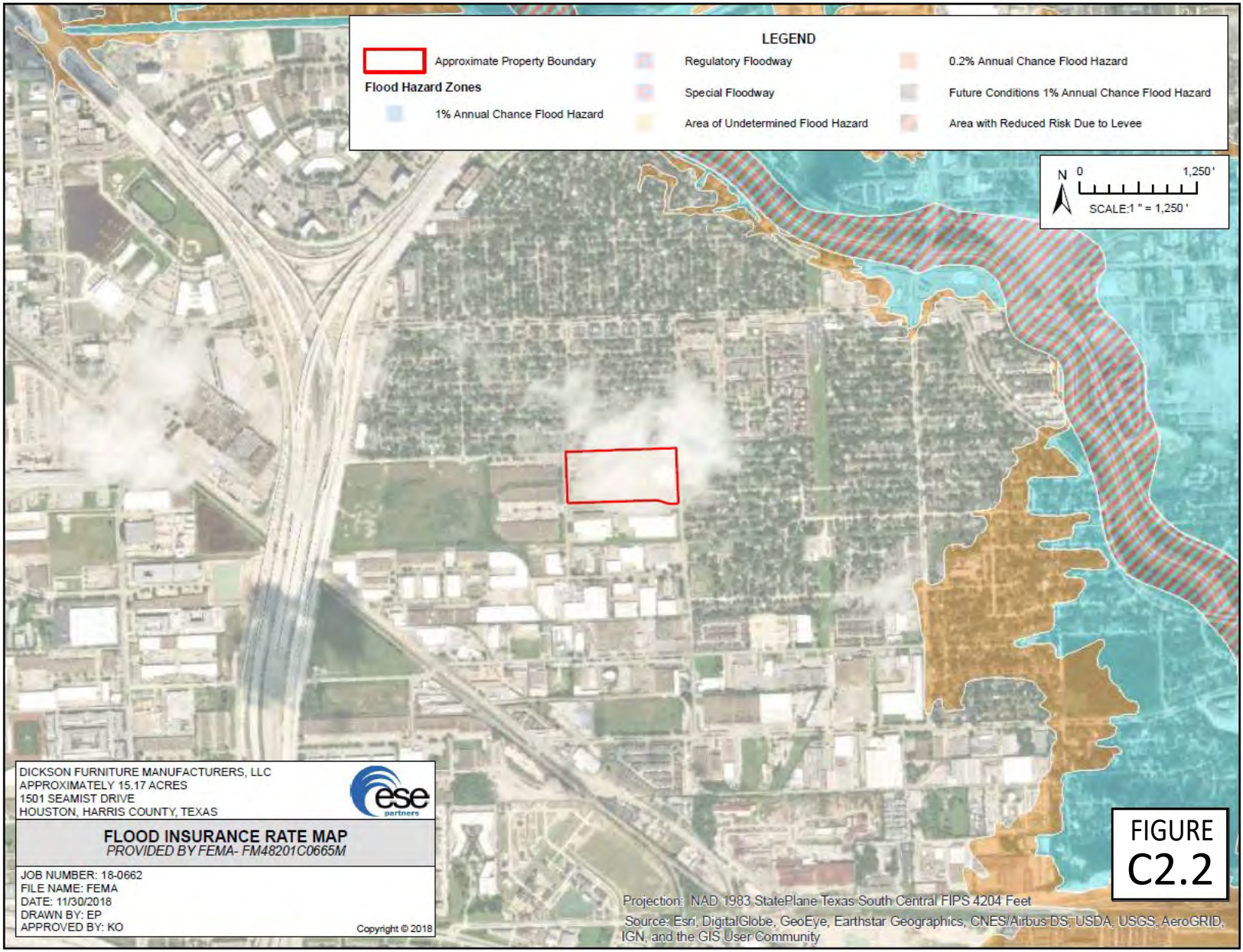
PROVIDED BY USGS- 7.5-MINUTE QUADRANGLE: HOUSTON HEIGHTS, TEXAS 2016

JOB NUMBER: 18.0662
FILE NAME: TOPO
DATE: 11/30/2018
DRAWN BY: EP
APPROVED BY: KO

Copyright © 2018

Projection: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road Data; Natural Earth Data; U.S. Department of State Humanitarian Information Unit; and NOAA National Centers for Environmental Information, U.S. Coastal Relief Model. Data refreshed October 2018.

FIGURE
C2.1


LEGEND
Approximate Property Boundary
Flood Hazard Zones
1% Annual Chance Flood Hazard
Regulatory Floodway
Special Floodway
Area of Undetermined Flood Hazard
0.2% Annual Chance Flood Hazard
Future Conditions 1% Annual Chance Flood Hazard
Area with Reduced Risk Due to Levee
N
0
1,250'
SCALE:1 " = 1,250 '
DICKSON FURNITURE MANUFACTURERS, LLC
APPROXIMATELY 15.17 ACRES
1501 SEAMIST DRIVE
HOUSTON, HARRIS COUNTY, TEXAS
ese partners
FLOOD INSURANCE RATE MAP
PROVIDED BY FEMA- FM48201C0665M
JOB NUMBER: 18-0662
FILE NAME: FEMA
DATE: 11/30/2018
DRAWN BY: EP
APPROVED BY: KO
Copyright © 2018
FIGURE
C2.2
Projection: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

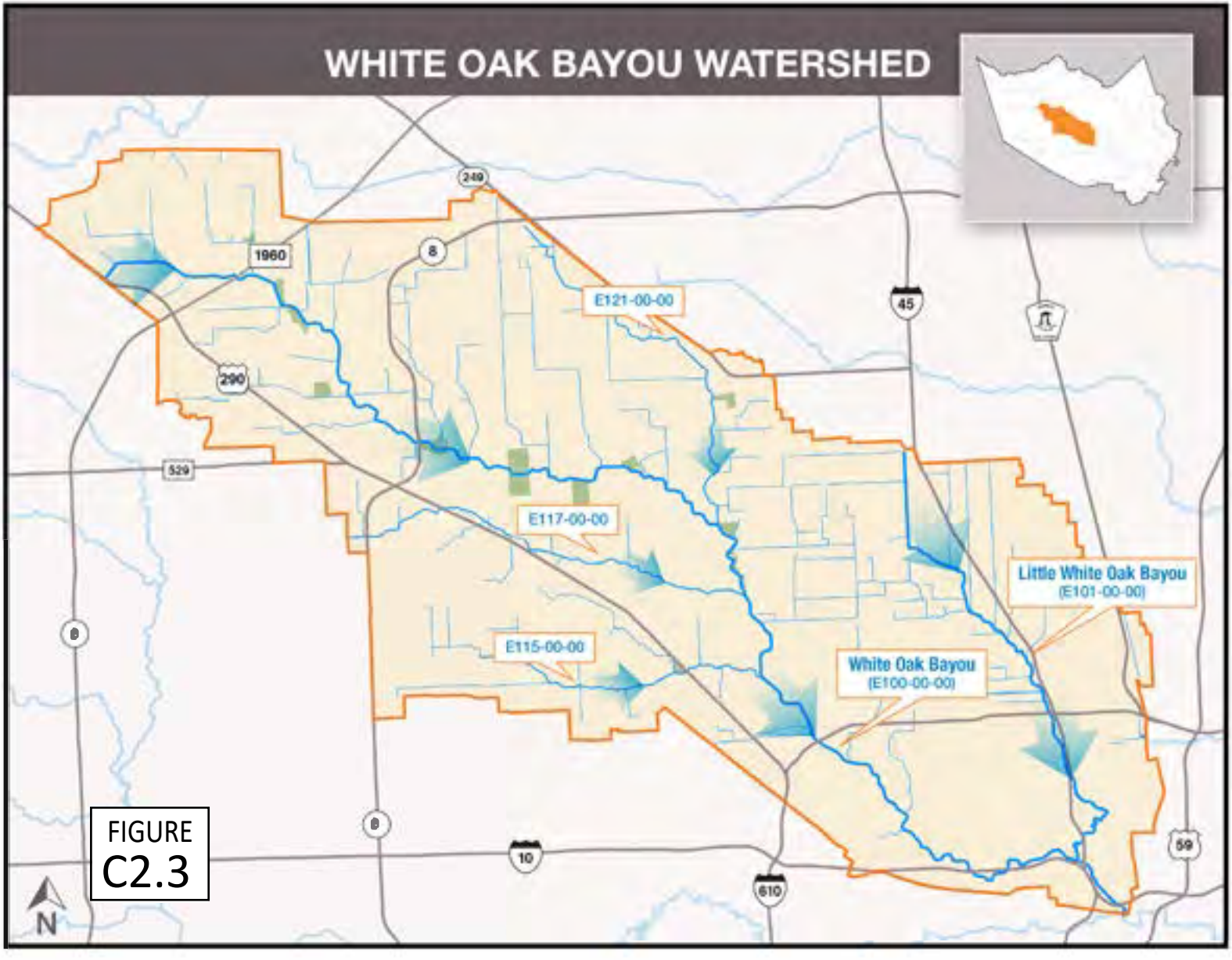
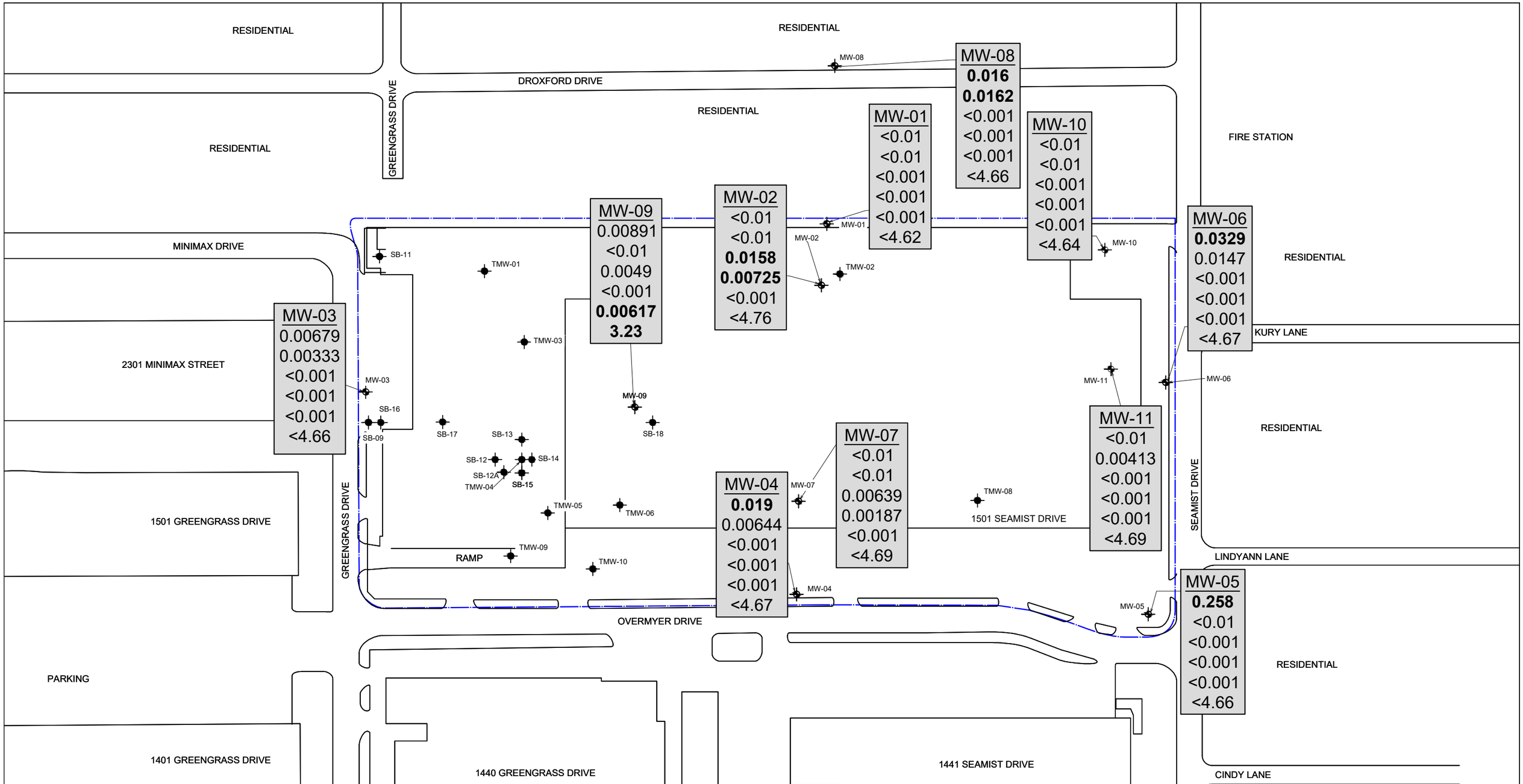

WHITE OAK BAYOU WATERSHED
249
1960
8
290
529
45
E121-00-00
E117-00-00
E115-00-00
Little White Oak Bayou
(E101-00-00)
White Oak Bayou
(E100-00-00)
10
610
59
N

FIGURE
C2.3



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- MONITORING WELL
- SOIL BORING

<0.01	- ARSENIC (mg/L) SEP 2021
<0.001	- LEAD (mg/L) SEP 2021
<0.001	- 1,1-DCE (mg/L) SEP 2021
<0.001	- PCE (mg/L) SEP 2021
<0.001	- VINYL CHLORIDE (mg/L) SEP 2021
<4.70	- C_6-C_{12}TPH (mg/L) SEP 2021

TRRP CRITICAL TIER 1 PCL		
ARSENIC	0.01	mg/L
LEAD	0.015	mg/L
1,1-DCE	0.007	mg/L
PCE	0.005	mg/L
VINYL CHLORIDE	0.002	mg/L
C_6-C_{12} TPH	2.9	mg/L

NOTE: BOLD TEXT INDICATES CRITICAL PCL EXCEEDANCE

STATE OF TEXAS
ISAAC M. ABOULAFIA
82586
LICENSED
PROFESSIONAL ENGINEER
26 October 2021

N

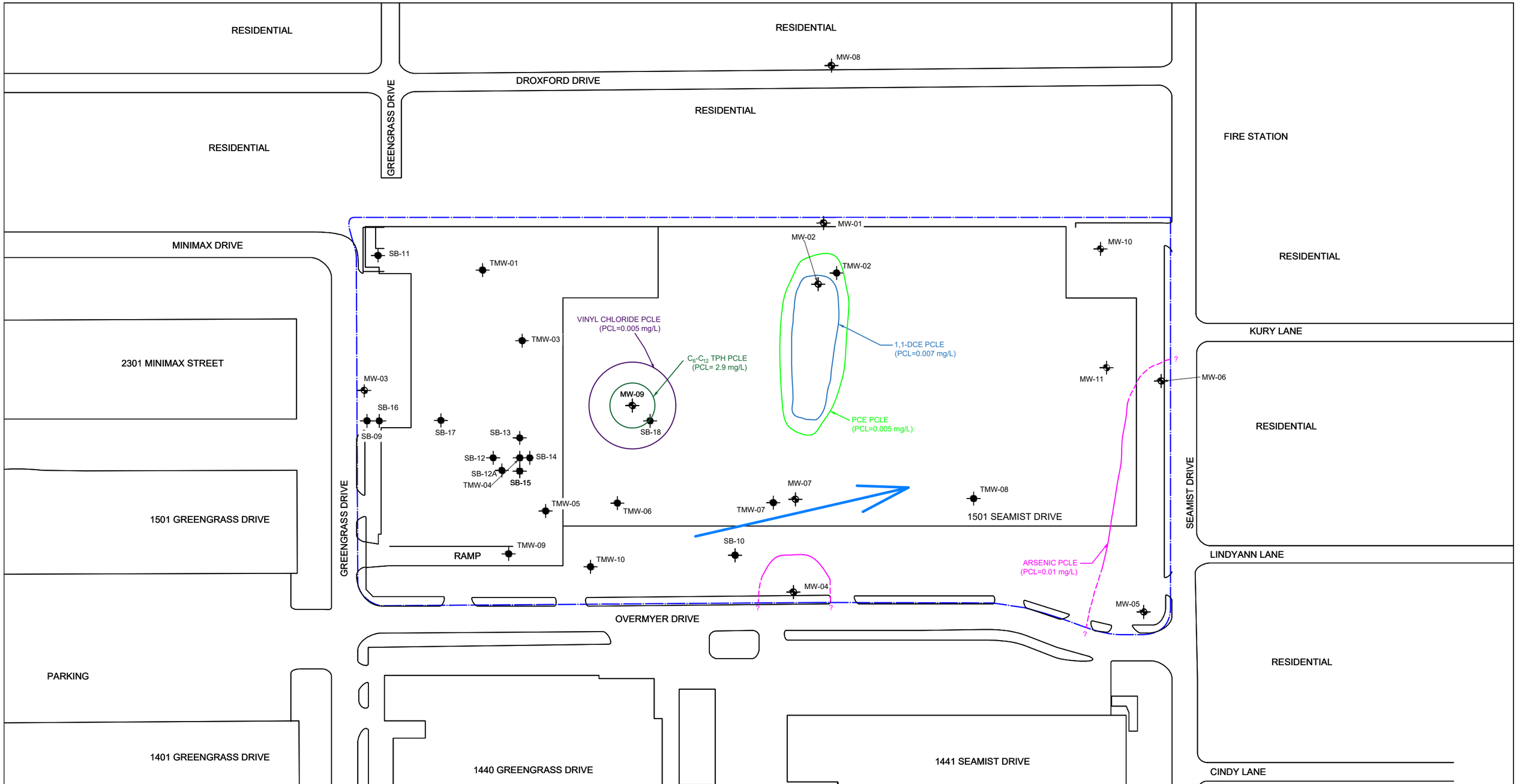
0 25 50 100 200
SCALE (FT)

TEXAS

MEC^X, INC.
8864 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054

FIGURE C3.1 - GROUNDWATER COC (SEP 2021)
FORMER COOLING PLANT
VCP NO. 3005
1501 SEAMIST DRIVE
HOUSTON, TEXAS 77008

PROJECT NO: 1567.002C.00 | REV. DATE: 26 OCT 2021



LEGEND:

- APPROXIMATE PROPERTY BOUNDARY
- MONITORING WELL
- SOIL BORING
- GROUNDWATER FLOW DIRECTION

STATE OF TEXAS
ISAAC M. ABOULAFIA
82566
LICENSED
PROFESSIONAL ENGINEER
26 October 2021

BUILDING AND STREET LOCATIONS BASED ON 2019 GOOGLE EARTH IMAGERY

N

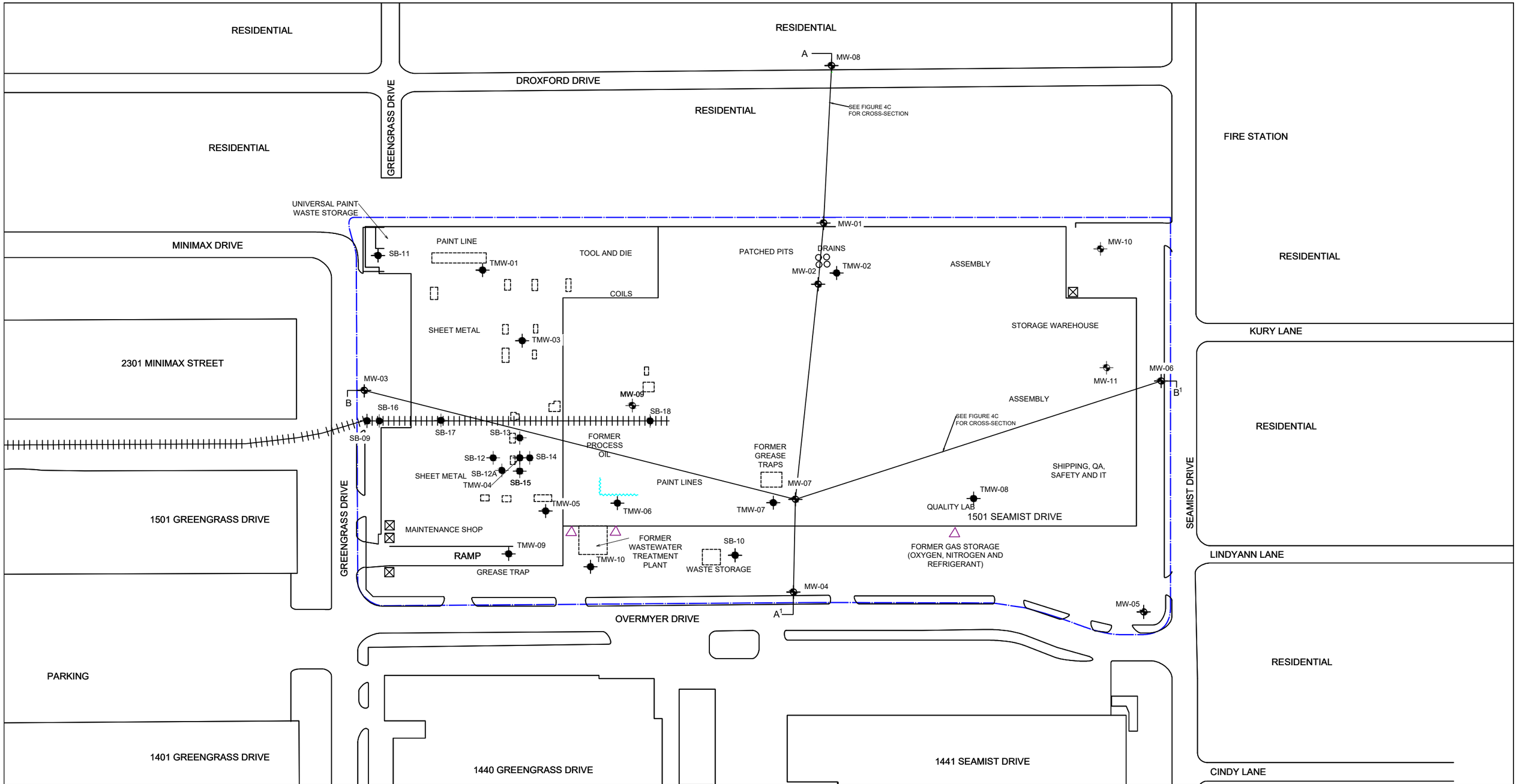
0 25 50 100 200
SCALE (FT)

TEXAS

MEC^X, INC.
8864 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054

FIGURE C3.2 - GROUNDWATER PCLE (SEP 2021)
FORMER COOLING PLANT
VCP NO. 3005
1501 SEAMIST DRIVE
HOUSTON, TEXAS 77008

PROJECT NO: 1567.002C.00 | REV. DATE: 26 OCT 2021



LEGEND:

- APPROXIMATE PROPERTY BOUNDARY
- MONITORING WELL
- SOIL BORING
- TRANSFORMER
- FORMER RAIL SPUR
- TRENCH DRAINS
- PIT LOCATIONS
- STORMWATER DRAIN

BUILDING AND STREET LOCATIONS BASED ON 2019 GOOGLE EARTH IMAGERY

N

0 25 50 100 200

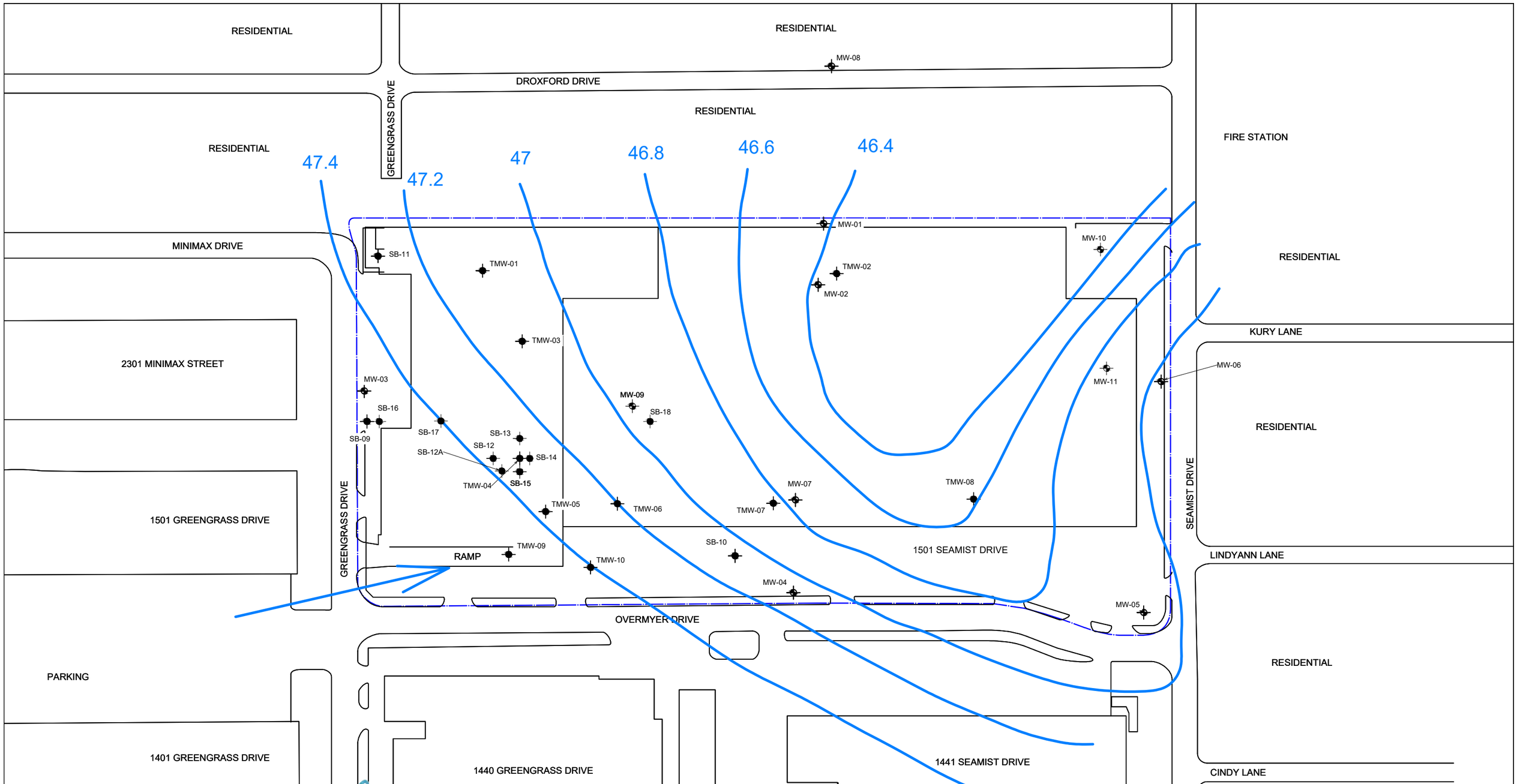
SCALE (FT)

TEXAS

MEC^X, INC.
8864 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054

FIGURE C4 - ON-SITE LAYOUT
FORMER COOLING PLANT VCP
NO. 3005
1501 SEAMIST DRIVE
HOUSTON, TEXAS 77008

PROJECT NO: 1567.002C.00 | REV. DATE: 25 FEB 2021



LEGEND:

- APPROXIMATE PROPERTY BOUNDARY
- MONITORING WELL
- SOIL BORING
- GROUNDWATER FLOW DIRECTION

STATE OF TEXAS
LARRY D. RADER
GEOLOGY
No. 10057
LICENSED
PROFESSIONAL GEOSCIENTIST

GROUNDWATER ELEVATIONS ARE RELATIVE TO ON-SITE ARBITRARY DATUM WITH ASSUMED ELEVATION OF 66 FT AMSL.

BUILDING AND STREET LOCATIONS BASED ON 2019 GOOGLE EARTH IMAGERY

N

0 25 50 100 200

SCALE (FT)

TEXAS

MEC^X, INC.
8864 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054

FIGURE C5 - GROUNDWATER GRADIENT (SEP 2021)
FORMER COOLING PLANT
1501 SEAMIST DRIVE
HOUSTON, TEXAS 77008

PROJECT NO: 1567.002C.00 | REV. DATE: 5 NOV 2021

Appendix D

Appendix D

Provide for each contaminant of concern within the designated groundwater:

a. A description of the ingestion protective concentration level exceedance zone and the non-ingestion protective concentration level exceedance zone, including a specification of the horizontal area and the minimum and maximum depth belowground surface.

b. The level of contamination, the ingestion protective concentration level, and the non-ingestion protective concentration level, all expressed as mg/L units.

c. Its basic geochemical properties (e.g., whether the contaminant of concern migrates with groundwater, floats or is soluble in water).

From the most recent groundwater sampling data (September 2021), the COCs that exceed the TRRP Tier 1 $^{GW}GW_{Ing}$ PCLs include: arsenic, 1,1-DCE, PCE, vinyl chloride and C_6-C_{12} TPH. Figure C3.1 and Figure C3.2 depict the groundwater concentrations and PCLE zones during this sampling event.

COCs exceeding non-ingestion PCLs (TRRP Tier 1 $^{Air}GW_{Inh-V}$) have not been identified at the Site in groundwater. Therefore, based on the recent groundwater monitoring results, there are no non-ingestion PCL exceedance zones within the proposed MSD boundary.

MEC^X delineated COCs in the first encountered water-bearing unit (GWBU), which is at depths between 30 and 40 ft bgs. The groundwater-bearing unit consist of a fine sand layer that varies from 1 foot thick to more than 5 feet thick.

Table D includes concentrations, a description of the PCLE zone and some geochemical/physical properties for each COC.

TABLE D
PCLE Zones and Properties
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

	Arsenic	1,1-Dichloroethylene (1,1-DCE)	Tetrachloroethylene (PCE)	Vinyl Chloride	C_6-C_{12} Total Petroleum Hydrocarbons (TPH)
Maximum 2021 Concentration in Groundwater (mg/L)	0.258 (MW-05)	0.0158 (MW-02)	0.00725 (MW-02)	0.00617 (MW-09)	3.23 (MW-09)
Ingestion-Based PCL (TRRP Tier I $^{Gw}Gw_{Ing}$ [mg/L])	0.01	0.007	0.005	0.002	2.9
2021 Groundwater Ingestion-Based PCLE Zone	Length (ft): 525	Length (ft): 65	Length (ft): 100	Length (ft): 130	Length (ft): 65
	Width (ft): 160	Width (ft): 215	Width (ft): 275	Width (ft): 130	Width (ft): 65
	Min. Depth (ft bgs): 14.4	Min. Depth (ft bgs): 18.7	Min. Depth (ft bgs): 18.7	Min. Depth (ft bgs): 18.1	Min. Depth (ft bgs): 18.1
	Max. Depth (ft bgs): 40	Max. Depth (ft bgs): 40	Max. Depth (ft bgs): 40	Max. Depth (ft bgs): 40	Max. Depth (ft bgs): 40
Non-Ingestion-Based PCL (TRRP Tier I $^{Air}Gw_{inh\text{-}V}$ [mg/L])	N/A	1,700	500	3.8	2,500
2021 Non-Ingestion-Based PCLE Zone	N/A	N/A	N/A	N/A	N/A
Geochemical/Physical Properties:					
Molecular Weight	74.9 g/mol	96.9 g/mol	165.8 g/mol	62.5 g/mol	N/A
Specific Gravity	5.73	1.3	1.62	0.91	N/A
Solubility in Water	N/A	2500 mg/L @ 25 °C	Insoluble	2763 mg/L @ 25 °C	N/A
Groundwater Migration	Along gradient	Along gradient	Along gradient	Along gradient	Along gradient

Notes:
N/A = Not Applicable
bgs = below ground surface

Appendix E

Appendix E

A table displaying the following information for each contaminant of concern, to the extent known:

> *a. The maximum concentration level for soil and groundwater, the ingestion protective concentration level, and the non-ingestion protective concentration level, all expressed as mg/kg for soils and mg/L for groundwater.*
>
> *b. The critical protective concentration level without the municipal setting designation, highlighting any exceedances.*

Tables E.1 and E.2 provide a summary of historic COC concentrations in soil and groundwater at the Site. The tables include the concentration levels from each sampling event, the ingestion PCLs (TRRP Tier 1 ${}^{GW}Soil_{Ing}$ for soil and ${}^{GW}GW_{Ing}$ for groundwater) and the non-ingestion PCLs (TRRP Tier 1 ${}^{Tot}Soil_{Comb}$ for soil and ${}^{Air}GW_{Inh\text{-}V}$ for groundwater). The ingestion PCLs are the critical PCLs, absent an MSD for the Site. The non-ingestion PCLs are the critical PCLs for the Site with an MSD in place.

Though additional COCs (bis [2-ethylhexyl] phthalate, lead, barium, chromium and methylene chloride) have been detected in groundwater in exceedance of TRRP Tier 1 PCLs in historic sampling events, they have been excluded from this MSD application as they have not been detected within the recent groundwater monitoring events. Additionally, MEC^X has concluded that arsenic, barium, chromium and lead concentrations in groundwater and soil are representative of regional background conditions and are not related to the former Goodman operations at the Site. The PCLE zone for the Site (Figure C3.2) also suggests that the source of arsenic is either representative of regional conditions and/or emanates from an off-site property to the south-southwest.

TABLE E.1
SOIL DATA SUMMARY
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

					Sample Location:	SB-01	SB-02	SB-03	SB-04	SB-05	SB-06	SB-07	SB-07	SB-08
		Residential Action Level (Assessment Level)			Depth (ft):	36	31	21	16	24	9	21	42	31
Analyte	Units	TRRP Tier 1 Residential $^{Total}Soil_{Comb}$ (0.5-Acre)	TRRP Tier 1 Residential $^{GW}Soil_{Ing}$ (0.5-Acre)	Surface Soil (<5' Deep) Critical PCL	Subsurface Soil (>5' Deep) Critical PCL	07/22/2019	07/22/2019	07/18/2019	07/17/2019	07/17/2019	07/17/2019	07/22/2019	07/22/2019	10/02/2019
Arsenic	mg/kg	24	5	21.8	21.8	0.769 J	20.1	<2.3 U	3.15	4.12	2.38	10.3	2.97	2.54 J
Barium	mg/kg	8,100	440	440	440	75.6	199	44.7	58.6	69.1	92.7	40.9	138	145 J-
Cadmium	mg/kg	52	15	2	2	0.166 J	0.256 J	<0.574 U	0.0941 J	0.161 J	0.095 J	0.215 J	0.176 J	0.105 J
Chromium	mg/kg	33,000	2,400	2,400	2,400	12	26.1	12.9	13.4	13.1	10.3	21.9	17.4	13.1
Lead	mg/kg	500	3	1,921.60	1,921.60	5.76	17.2	6.73 J	8.75	4.88	6.63	12.5	5.99	6.55
Mercury	mg/kg	8.3	2.1	2.1	2.1	<0.0353 U	<0.0381 U	<0.023 U	<0.0238 U	<0.0231 U	0.0044 J	<0.0369 U	<0.036 U	0.00435 J
Selenium	mg/kg	310.0	2.3	2.3	2.3	1.35 J	1.54 J	<2.3 U	0.751 J	<2.31 U	<2.27 U	<2.46 U	1.36 J	<2.28 U
Acetone	mg/kg	66,000	43	133	133	<0.0294 U	<0.0317 U	<0.0287 U	<0.0298 U	0.0221 J	0.0263 J	<0.0307 U	<0.03 U	<0.0284 U
Benzene	mg/kg	120	0.026	0.026	0.026	0.000775 J	0.000709 J	<0.00115 U	<0.00119 U	<0.00115 U	<0.00114 U	<0.00123 U	<0.0012 U	<0.00114 U
sec-Butylbenzene	mg/kg	3,300	85	250	250	<0.0147 U	<0.0159 U	<0.0144 U	<0.0149 U	0.0495	<0.0142 U	<0.0154 U	<0.015 U	<0.0142 U
tert-Butylbenzene	mg/kg	3,300	100	300	300	<0.00588 U	<0.00634 U	<0.00574 U	<0.00596 U	0.0349	<0.00568 U	<0.00614 U	<0.00599 U	<0.00569 U
1,1-Dichloroethane	mg/kg	11,000	18	55	55	<0.00294 U	<0.00317 U	<0.00287 U	<0.00298 U	<0.00289 U	<0.00284 U	0.00802	<0.003 U	<0.00284 U
1,1-Dichloroethene	mg/kg	2,300	0.05	0.05	0.05	<0.00294 U	0.00564	<0.00287 U	<0.00298 U	<0.00289 U	<0.00284 U	0.00382	<0.003 U	<0.00284 U
cis-1,2-Dichloroethene	mg/kg	140	0.25	0.25	0.25	<0.00294 U	<0.00317 U	<0.00287 U	<0.00298 U	<0.00289 U	<0.00284 U	0.00184 J	<0.003 U	<0.00284 U
Ethylbenzene	mg/kg	6,400	7.6	7.6	7.6	0.00395	0.00262 J	<0.00287 U	<0.00298 U	<0.00289 U	<0.00284 U	0.000982 J	0.000774 J	<0.00284 U
2-Butanone (MEK)	mg/kg	40,000	29	87	87	<0.0204 U	<0.0191 U	0.0316 J	0.0277 J	<0.0289 U	<0.057 U	<0.0307 U	<0.03 U	<0.0253 U
Naphthalene	mg/kg	220	31	93	93	<0.0147 UJ	<0.0159 UJ	<0.0144 U	<0.0149 U	<0.0144 U	<0.0142 U	<0.0154 UJ	<0.015 UJ	<0.0142 U
Isopropylbenzene	mg/kg	4,300	350	1,000	1,000	<0.00294 U	<0.00317 U	<0.00287 U	<0.00298 U	<0.00289 U	<0.00284 U	<0.00307 U	<0.003 U	<0.00284 U
Methyl Tert-Butyl Ether	mg/kg	800	0.62	1.9	1.9	<0.00118 U	<0.00127 U	<0.00115 U	<0.00119 U	<0.00115 U	<0.00114 U	<0.00123 U	<0.0012 U	<0.00114 U
N-Butylbenzene	mg/kg	3,300	150	450	450	<0.0147 U	<0.0159 U	<0.0144 U	<0.0149 U	<0.0144 U	<0.0142 U	<0.0154 U	<0.015 U	<0.0142 U
N-Propylbenzene	mg/kg	2,200	45	130	130	<0.00588 U	<0.00634 U	<0.00574 U	<0.00596 U	<0.00577 U	<0.00568 U	<0.00614 U	<0.00599 U	<0.00569 U
P-Isopropyltoluene	mg/kg	8,200	230	690	690	<0.00588 U	<0.00634 U	<0.00574 U	<0.00596 U	<0.00577 U	<0.00568 U	<0.00614 U	<0.00599 U	<0.00569 U
Trichloroethylene (TCE)	mg/kg	18	0.034	0.034	0.034	<0.00118 U	<0.00127 U	<0.00115 U	<0.00119 U	<0.00115 U	<0.00114 U	0.000563 J	<0.0012 U	<0.00114 U
Tetrachloroethene (PCE)	mg/kg	710	0.05	0.05	0.05	<0.00294 U	0.00433	<0.00287 U	<0.00298 U	<0.00289 U	<0.00284 U	0.00173 J	<0.003 U	<0.00284 U
Toluene	mg/kg	5,900	8.2	8.2	8.2	0.0167	0.0146	0.0107	0.00476 J	0.00867	0.00667	0.00438 J	0.00326 J	<0.00569 U
1,2,4-Trimethylbenzene	mg/kg	1,600	33	99	99	0.00572 J	0.00514 J	<0.00574 U	<0.00596 U	<0.00577 U	<0.00568 U	0.00211 J	0.0018 J	<0.00569 U
1,2,3-Trimethylbenzene	mg/kg	1,600	21	64	64	0.00169 J	<0.00634 U	<0.00574 U	<0.00596 U	<0.00577 U	<0.00568 U	<0.00614 U	<0.00599 U	<0.00569 U
1,3,5-Trimethylbenzene	mg/kg	1,500	36	110	110	0.00219 J	<0.00634 U	<0.00574 U	<0.00596 U	<0.00577 U	<0.00568 U	<0.00614 U	<0.00599 U	<0.00569 U
Xylenes (total)	mg/kg	6,000	120	120	120	0.0181	0.0125	<0.00746 U	<0.00774 U	<0.00751 U	<0.00739 U	<0.00799 U	<0.00779 U	<0.0074 U
Acenaphthylene	mg/kg	3,800	410	1,200	1,200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	18,000	6,900	21,000	21,000	<0.0392 U	<0.0422 U	<0.0382 U	<0.0397 U	<0.0385 U	<0.0378 U	<0.0409 U	<0.0399 U	<0.0379 U

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)

TABLE E.1
SOIL DATA SUMMARY
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

					Sample Location:	SB-01	SB-02	SB-03	SB-04	SB-05	SB-06	SB-07	SB-07	SB-08
		Residential Action Level (Assessment Level)			Depth (ft):	36	31	21	16	24	9	21	42	31
Analyte	**Units**	**TRRP Tier 1 Residential $^{Total}Soil_{Comb}$ (0.5-Acre)**	**TRRP Tier 1 Residential $^{GW}Soil_{Ing}$ (0.5-Acre)**	**Surface Soil (<5' Deep) Critical PCL**	**Subsurface Soil (>5' Deep) Critical PCL**	07/22/2019	07/22/2019	07/18/2019	07/17/2019	07/17/2019	07/17/2019	07/22/2019	07/22/2019	10/02/2019
Benzo (A) Anthracene	mg/kg	41	130	170	290	<0.0392 U	<0.0422 U	<0.0382 U	<0.0397 U	<0.0385 U	<0.0378 U	<0.0409 U	<0.0399 U	<0.0379 U
Benzo (B) Fluoranthene	mg/kg	42	440	170	980	<0.0392 U	<0.0422 U	<0.0382 U	<0.0397 U	<0.0385 U	<0.0378 U	<0.0409 U	<0.0399 U	<0.0379 U
Benzo (G,H,I) Perylene	mg/kg	1,800	46,000	19,000	140,000	<0.0392 U	<0.0422 U	<0.0382 U	<0.0397 U	<0.0385 U	<0.0378 U	<0.0409 U	<0.0399 U	<0.0379 U
Benzo (A) Pyrene	mg/kg	4	7.6	7.6	7.6	<0.0392 U	<0.0422 U	<0.0382 U	<0.0397 U	<0.0385 U	<0.0378 U	<0.0409 U	<0.0399 U	<0.0379 U
Chrysene	mg/kg	4,100	11,000	17,000	25,000	<0.0392 U	<0.0422 U	<0.0382 U	<0.0397 U	<0.0385 U	<0.0378 U	<0.0409 U	<0.0399 U	<0.0379 U
Fluoranthene	mg/kg	2,300	1,900	5,700	5,700	<0.0392 U	<0.0422 U	<0.0382 U	<0.0397 U	<0.0385 U	<0.0378 U	<0.0409 U	<0.0399 U	<0.0379 U
Fluorene	mg/kg	2,300	300	890	890	<0.0392 U	<0.0422 U	<0.0382 U	<0.0397 U	<0.0385 U	<0.0378 U	<0.0409 U	<0.0399 U	<0.0379 U
Dibenzofuran	mg/kg	270	33	100	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno (1,2,3-CD) Pyrene	mg/kg	42	1,300	170	2,800	<0.0392 U	<0.0422 U	<0.0382 U	<0.0397 U	<0.0385 U	<0.0378 U	<0.0409 U	<0.0399 U	<0.0379 U
Phenanthrene	mg/kg	1,700	420	1,200	1,200	<0.0392 U	<0.0422 U	<0.0382 U	<0.0397 U	<0.0385 U	<0.0378 U	<0.0409 U	<0.0399 U	<0.0379 U
Bis (2-ethylhexyl) Phthalate	mg/kg	NE	NE	NE	NE	<0.392 U	<0.422 U	<0.382 U	<0.397 U	<0.385 U	<0.378 U	<0.409 U	<0.399 U	<0.379 U
Pyrene	mg/kg	1,700	1,100	3,300	3,300	<0.0392 U	<0.0422 U	<0.0382 U	<0.0397 U	<0.0385 U	<0.0378 U	<0.0409 U	<0.0399 U	<0.0379 U
TPH C_{21} to C_{35} Aromatic	mg/kg	2,000	3,700	11,000	11,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH C_{10} to C_{12} Aliphatic	mg/kg	3,600	25,000	9,300	11,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH C_{12} to C_{16} Aliphatic	mg/kg	4,300	490,000	14,000	17,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH C_{16} to C_{21} Aliphatic	mg/kg	130,000	1,000,000	1,000,000	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH C_{16} to C_{21} Aromatic	mg/kg	2,000	470	590	590	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH C_{21} to C_{35} Aliphatic	mg/kg	130,000	1,000,000	1,000,000	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH C_8 to C_{10} Aliphatic	mg/kg	4,000	3,600	9,700	9,700	NA	NA	NA	NA	NA	NA	NA	NA	NA
C_6-C_{12} TPH	mg/kg	1,600	65	190	190	<58.8 U	<63.4 U	<65.4 U	<81 U	<92.4 U	<96 U	<61.4 U	<59.9 U	<56.9 U
C_{12}-C_{28} TPH	mg/kg	2,300	200	590	590	<58.8 U	<63.4 U	<65.4 U	<81 U	<92.4 U	<96 U	<61.4 U	<59.9 U	<56.9 U
C_{28}-C_{35} TPH	mg/kg	2,300	200	590	590	<58.8 U	<63.4 U	<65.4 U	<81 U	<92.4 U	<96 U	<61.4 U	<59.9 U	<56.9 U
Total TPH	mg/kg	NE	NE	NE	NE	<58.8 U	<63.4 U	<65.4 U	<81 U	<92.4 U	<96 U	<61.4 U	<59.9 U	<56.9 U
pH	SU	NE	NE	NE	NE	8.66 J	7.84 J	8.4 J	8.28 J	8.32 J	7.95 J	7.91 J	8.67 J	8.88 J
TOTAL SOLIDS	%	NE	NE	NE	NE	85	78.8	87.1	84	86.6	88	81.4	83.4	87.9

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)

TABLE E.1
SOIL DATA SUMMARY
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

		Residential Action Level (Assessment Level)			Sample Location:	SB-08	SB-09	SB-10	SB-11	SB-12	SB-12	SB-12A	SB-12A	SB-12A
					Depth (ft):	40	2	9-10	1-2	5	17.5	5	10	15
Analyte	**Units**	**TRRP Tier 1 Residential $^{Total}Soil_{Comb}$ (0.5-Acre)**	**TRRP Tier 1 Residential $^{GW}Soil_{Ing}$ (0.5-Acre)**	**Surface Soil (<5' Deep) Critical PCL**	**Subsurface Soil (>5' Deep) Critical PCL**	10/02/2019	10/02/2019	10/02/2019	10/02/2019	7/21/2020	7/21/2020	1/19/2021	1/19/2021	1/19/2021
Arsenic	mg/kg	24	5	21.8	21.8	4.31	NA	<2.11 U	1.31 J	NA	NA	NA	NA	NA
Barium	mg/kg	8,100	440	440	440	249 J-	NA	26.7 J-	54 J-	NA	NA	NA	NA	NA
Cadmium	mg/kg	52	15	2	2	<0.596 U	NA	<0.529 U	<0.577 U	NA	NA	NA	NA	NA
Chromium	mg/kg	33,000	2,400	2,400	2,400	19.8	NA	4.59	12	NA	NA	NA	NA	NA
Lead	mg/kg	500	3	1,921.60	1,921.60	10.3	NA	3.63	4.67	NA	NA	NA	NA	NA
Mercury	mg/kg	8.3	2.1	2.1	2.1	<0.0358 U	NA	<0.0317 U	0.00482 J	NA	NA	NA	NA	NA
Selenium	mg/kg	310.0	2.3	2.3	2.3	<2.39 U	NA	<2.11 U	<2.31 U	NA	NA	NA	NA	NA
Acetone	mg/kg	66,000	43	133	133	<0.0298 U	NA	<0.0264 U	0.193 J	<0.0658 U	<0.0748 U	NA	NA	NA
Benzene	mg/kg	120	0.026	0.026	0.026	<0.00119 U	NA	<0.00106 U	<0.0114 U	<0.00132 U	<0.0015 U	NA	NA	NA
sec-Butylbenzene	mg/kg	3,300	85	250	250	<0.0149 U	NA	<0.0132 U	<0.142 U	<0.0164 U	<0.0187 U	NA	NA	NA
tert-Butylbenzene	mg/kg	3,300	100	300	300	<0.00596 U	NA	<0.00529 U	<0.0568 U	<0.00658 U	<0.00748 U	NA	NA	NA
1,1-Dichloroethane	mg/kg	11,000	18	55	55	<0.00298 U	NA	<0.00264 U	<0.0284 U	<0.00329 U	<0.00374 U	NA	NA	NA
1,1-Dichloroethene	mg/kg	2,300	0.05	0.05	0.05	<0.00298 U	NA	<0.00264 U	<0.0284 U	<0.00329 U	<0.00374 U	NA	NA	NA
cis-1,2-Dichloroethene	mg/kg	140	0.25	0.25	0.25	<0.00298 U	NA	<0.00264 U	<0.0284 U	<0.00329 U	<0.00374 U	NA	NA	NA
Ethylbenzene	mg/kg	6,400	7.6	7.6	7.6	<0.00298 U	NA	<0.00264 U	<0.0284 U	<0.00329 U	<0.00374 U	NA	NA	NA
2-Butanone (MEK)	mg/kg	40,000	29	87	87	<0.0215 U	NA	<0.0145 U	<0.284 U	<0.132 U	<0.168 U	NA	NA	NA
Naphthalene	mg/kg	220	31	93	93	<0.0149 U	<0.0234	<0.0132 U	<0.142 U	<0.0164 U	<0.0187 U	NA	NA	NA
Isopropylbenzene	mg/kg	4,300	350	1,000	1,000	<0.00298 U	NA	<0.00264 U	<0.0284 U	<0.00329 U	<0.00374 U	NA	NA	NA
Methyl Tert-Butyl Ether	mg/kg	800	0.62	1.9	1.9	<0.00119 U	NA	<0.00106 U	<0.0114 U	<0.00132 U	<0.0015 U	NA	NA	NA
N-Butylbenzene	mg/kg	3,300	150	450	450	<0.0149 U	NA	<0.0132 U	<0.142 U	<0.0164 U	<0.0187 U	NA	NA	NA
N-Propylbenzene	mg/kg	2,200	45	130	130	<0.00596 U	NA	<0.00529 U	<0.0568 U	<0.00658 U	<0.00748 U	NA	NA	NA
P-Isopropyltoluene	mg/kg	8,200	230	690	690	<0.00596 U	NA	<0.00529 U	<0.0568 U	<0.00658 U	<0.00748 U	NA	NA	NA
Trichloroethylene (TCE)	mg/kg	18	0.034	0.034	0.034	<0.00119 U	NA	<0.00106 U	<0.0114 U	<0.00132 U	<0.0015 U	NA	NA	NA
Tetrachloroethene (PCE)	mg/kg	710	0.05	0.05	0.05	<0.00298 U	NA	<0.00264 U	<0.0284 U	<0.00329 U	<0.00374 U	NA	NA	NA
Toluene	mg/kg	5,900	8.2	8.2	8.2	<0.00596 U	NA	<0.00529 U	<0.0568 U	<0.00658 U	<0.00748 U	NA	NA	NA
1,2,4-Trimethylbenzene	mg/kg	1,600	33	99	99	<0.00596 U	NA	<0.00529 U	<0.0568 U	<0.00658 U	<0.00748 U	NA	NA	NA
1,2,3-Trimethylbenzene	mg/kg	1,600	21	64	64	<0.00596 U	NA	<0.00529 U	<0.0568 U	<0.00658 U	<0.00748 U	NA	NA	NA
1,3,5-Trimethylbenzene	mg/kg	1,500	36	110	110	<0.00596 U	NA	<0.00529 U	<0.0568 U	<0.00658 U	<0.00748 U	NA	NA	NA
Xylenes (total)	mg/kg	6,000	120	120	120	<0.00775 U	NA	<0.00687 U	<0.0738 U	<0.00855 U	<0.00972 U	NA	NA	NA
Acenaphthylene	mg/kg	3,800	410	1,200	1,200	NA	<0.00702	NA	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	18,000	6,900	21,000	21,000	<0.0397 U	<0.00702	<0.0352 U	0.0254 J	<0.0376 U	<0.0408 U	NA	NA	NA

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)

TABLE E.1
SOIL DATA SUMMARY
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

		Residential Action Level (Assessment Level)			Sample Location:	SB-08	SB-09	SB-10	SB-11	SB-12	SB-12	SB-12A	SB-12A	SB-12A
					Depth (ft):	40	2	9-10	1-2	5	17.5	5	10	15
Analyte	**Units**	**TRRP Tier 1 Residential $^{Total}Soil_{Comb}$ (0.5-Acre)**	**TRRP Tier 1 Residential $^{GW}Soil_{Ing}$ (0.5-Acre)**	**Surface Soil (<5' Deep) Critical PCL**	**Subsurface Soil (>5' Deep) Critical PCL**	10/02/2019	10/02/2019	10/02/2019	10/02/2019	7/21/2020	7/21/2020	1/19/2021	1/19/2021	1/19/2021
Benzo (A) Anthracene	mg/kg	41	130	170	290	<0.0397 U	<0.00702	<0.0352 U	0.0676	<0.0376 U	<1.02 U	NA	NA	NA
Benzo (B) Fluoranthene	mg/kg	42	440	170	980	<0.0397 U	<0.00702	<0.0352 U	0.0779	<0.0376 U	<1.02 U	NA	NA	NA
Benzo (G,H,I) Perylene	mg/kg	1,800	46,000	19,000	140,000	<0.0397 U	<0.00702	<0.0352 U	0.0388	<0.0376 U	<1.02 U	NA	NA	NA
Benzo (A) Pyrene	mg/kg	4	7.6	7.6	7.6	<0.0397 U	<0.00702	<0.0352 U	0.0639	<0.0376 U	<1.02 U	NA	NA	NA
Chrysene	mg/kg	4,100	11,000	17,000	25,000	<0.0397 U	<0.00702	<0.0352 U	0.0647	<0.0376 U	<1.02 U	NA	NA	NA
Fluoranthene	mg/kg	2,300	1,900	5,700	5,700	<0.0397 U	<0.00702	<0.0352 U	0.157	<0.0376 U	<0.0408 U	NA	NA	NA
Fluorene	mg/kg	2,300	300	890	890	<0.0397 U	<0.00702	<0.0352 U	0.016 J	<0.0376 U	<0.0408 U	NA	NA	NA
Dibenzofuran	mg/kg	270	33	100	100	NA	<0.00702	NA	NA	NA	NA	NA	NA	NA
Indeno (1,2,3-CD) Pyrene	mg/kg	42	1,300	170	2,800	<0.0397 U	<0.00702	<0.0352 U	0.0426	<0.0376 U	<1.02 U	NA	NA	NA
Phenanthrene	mg/kg	1,700	420	1,200	1,200	<0.0397 U	<0.00702	<0.0352 U	0.122	<0.0376 U	<0.0408 U	NA	NA	NA
Bis (2-ethylhexyl) Phthalate	mg/kg	NE	NE	NE	NE	<0.397 U	NA	<0.352 U	0.0458 J	<0.376 U	<10.2 U	NA	NA	NA
Pyrene	mg/kg	1,700	1,100	3,300	3,300	<0.0397 U	0.00324	<0.0352 U	0.145	<0.0376 U	<1.02 U	NA	NA	NA
TPH C_{21} to C_{35} Aromatic	mg/kg	2,000	3,700	11,000	11,000	NA	NA	NA	NA	NA	135	NA	NA	NA
TPH C_{10} to C_{12} Aliphatic	mg/kg	3,600	25,000	9,300	11,000	NA	NA	NA	NA	NA	<24.5 U	NA	NA	NA
TPH C_{12} to C_{16} Aliphatic	mg/kg	4,300	490,000	14,000	17,000	NA	NA	NA	NA	NA	<24.5	NA	NA	NA
TPH C_{16} to C_{21} Aliphatic	mg/kg	130,000	1,000,000	1,000,000	1,000,000	NA	NA	NA	NA	NA	83	NA	NA	NA
TPH C_{16} to C_{21} Aromatic	mg/kg	2,000	470	590	590	NA	NA	NA	NA	NA	23.4 J	NA	NA	NA
TPH C_{21} to C_{35} Aliphatic	mg/kg	130,000	1,000,000	1,000,000	1,000,000	NA	NA	NA	NA	NA	871	NA	NA	NA
TPH C_8 to C_{10} Aliphatic	mg/kg	4,000	3,600	9,700	9,700	NA	NA	NA	NA	NA	<24.5	NA	NA	NA
C_6-C_{12} TPH	mg/kg	1,600	65	190	190	<59.6 U	NA	<52.9 U	<57.7 U	<56.4 U	<61.3 U	<73 U	<55.9 U	<85.4 U
C_{12}-C_{28} TPH	mg/kg	2,300	200	590	590	<59.6 U	NA	<52.9 U	42.7 J	<56.4 U	978	<73 U	<55.9 U	<85.4 U
C_{28}-C_{35} TPH	mg/kg	2,300	200	590	590	<59.6 U	NA	<52.9 U	<57.7 U	<56.4 U	940	<73 U	<55.9 U	<85.4 U
Total TPH	mg/kg	NE	NE	NE	NE	<59.6 U	NA	<52.9 U	42.7 J	<56.4 U	1930	<73 U	<55.9 U	<85.4 U
pH	SU	NE	NE	NE	NE	8.7 J	10.8 J	8.17 J	10.2 J	NA	NA	NA	NA	NA
TOTAL SOLIDS	%	NE	NE	NE	NE	83.8	85.4	94.6	86.7	NA	NA	NA	NA	NA

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)

TABLE E.1
SOIL DATA SUMMARY
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

		Residential Action Level (Assessment Level)			Sample Location:	SB-12A	SB-13	SB-13	SB-14	SB-14	SB-15	SB-15	SB-16	SB-17
					Depth (ft):	20	15	17.5	15	17.5	1.5	17.5	5	5
Analyte	**Units**	**TRRP Tier 1 Residential $^{Total}Soil_{Comb}$ (0.5-Acre)**	**TRRP Tier 1 Residential $^{GW}Soil_{Ing}$ (0.5-Acre)**	**Surface Soil (<5' Deep) Critical PCL**	**Subsurface Soil (>5' Deep) Critical PCL**	1/19/2021	7/21/2020	7/21/2020	7/21/2020	7/21/2020	7/21/2020	7/21/2020	1/19/2021	1/19/2021
Arsenic	mg/kg	24	5	21.8	21.8	NA	NA	NA	NA	NA	NA	NA	<2.37 U	<2.27 U
Barium	mg/kg	8,100	440	440	440	NA	NA	NA	NA	NA	NA	NA	72.9	62.1
Cadmium	mg/kg	52	15	2	2	NA	NA	NA	NA	NA	NA	NA	0.0997 J	<0.567 U
Chromium	mg/kg	33,000	2,400	2,400	2,400	NA	NA	NA	NA	NA	NA	NA	19.7	12.7
Lead	mg/kg	500	3	1,921.60	1,921.60	NA	NA	NA	NA	NA	NA	NA	5.95	4.52
Mercury	mg/kg	8.3	2.1	2.1	2.1	NA	NA	NA	NA	NA	NA	NA	<0.0474 U	<0.0454 U
Selenium	mg/kg	310.0	2.3	2.3	2.3	NA	NA	NA	NA	NA	NA	NA	<2.37 U	<2.27 U
Acetone	mg/kg	66,000	43	133	133	NA	<0.0652 U	<0.0669 U	<0.0732 U	<0.0748 U	<0.0689 U	<0.0667 U	<0.0726 U	<0.0659 U
Benzene	mg/kg	120	0.026	0.026	0.026	NA	<0.0013 U	<0.00134 U	<0.00146 U	<0.0015 U	<0.00138 U	<0.00133 U	<0.00145 U	<0.00132 U
sec-Butylbenzene	mg/kg	3,300	85	250	250	NA	<0.0163 U	<0.0167 U	<0.0183 U	<0.0187 U	<0.0172 U	<0.0167 U	<0.0181 U	<0.0165 U
tert-Butylbenzene	mg/kg	3,300	100	300	300	NA	<0.00652 U	<0.00669 U	<0.00732 U	<0.00748 U	<0.00689 U	<0.00667 U	<0.00726 U	<0.00659 U
1,1-Dichloroethane	mg/kg	11,000	18	55	55	NA	<0.00326 U	<0.00334 U	<0.00366 U	<0.00374 U	<0.00344 U	<0.00333 U	<0.00363 U	<0.00329 U
1,1-Dichloroethene	mg/kg	2,300	0.05	0.05	0.05	NA	<0.00326 U	<0.00334 U	<0.00366 U	<0.00374 U	<0.00344 U	<0.00333 U	<0.00363 U	<0.00329 U
cis-1,2-Dichloroethene	mg/kg	140	0.25	0.25	0.25	NA	<0.00326 U	<0.00334 U	<0.00366 U	<0.00374 U	<0.00344 U	<0.00333 U	<0.00363 U	<0.00329 U
Ethylbenzene	mg/kg	6,400	7.6	7.6	7.6	NA	<0.00326 U	<0.00334 U	<0.00366 U	<0.00374 U	<0.00344 U	<0.00333 U	<0.00363 U	<0.00329 U
2-Butanone (MEK)	mg/kg	40,000	29	87	87	NA	<0.13 U	<0.134 U	<0.146 U	<0.15 U	<0.138 U	<0.133 U	<0.145 U	<0.132 U
Naphthalene	mg/kg	220	31	93	93	NA	<0.0163 U	<0.0167 U	<0.0183 U	<0.0187 U	<0.0172 U	<0.0167 U	<0.0181 U	<0.0165 U
Isopropylbenzene	mg/kg	4,300	350	1,000	1,000	NA	<0.00326 U	<0.00334 U	<0.00366 U	<0.00374 U	<0.00344 U	<0.00333 U	<0.00363 U	<0.00329 U
Methyl Tert-Butyl Ether	mg/kg	800	0.62	1.9	1.9	NA	<0.0013 U	<0.00134 U	<0.00146 U	<0.0015 U	<0.00138 U	<0.00133 U	<0.00145 U	<0.00132 U
N-Butylbenzene	mg/kg	3,300	150	450	450	NA	<0.0163 U	<0.0167 U	<0.0183 U	<0.0187 U	<0.0172 U	<0.0167 U	<0.0181 U	<0.0165 U
N-Propylbenzene	mg/kg	2,200	45	130	130	NA	<0.00652 U	<0.00669 U	<0.00732 U	<0.00748 U	<0.00689 U	<0.00667 U	<0.00726 U	<0.00659 U
P-Isopropyltoluene	mg/kg	8,200	230	690	690	NA	<0.00652 U	<0.00669 U	<0.00732 U	<0.00748 U	<0.00689 U	<0.00667 U	<0.00726 U	<0.00659 U
Trichloroethylene (TCE)	mg/kg	18	0.034	0.034	0.034	NA	<0.0013 U	<0.00134 U	0.003	0.00362	<0.00138 U	<0.00133 U	<0.00145 U	<0.00132 U
Tetrachloroethene (PCE)	mg/kg	710	0.05	0.05	0.05	NA	<0.00326 U	<0.00334 U	0.00353 J	0.00365 J	<0.00344 U	<0.00333 U	<0.00363 U	<0.00329 U
Toluene	mg/kg	5,900	8.2	8.2	8.2	NA	<0.00652 U	<0.00669 U	<0.00732 U	<0.00748 U	<0.00689 U	<0.00667 U	0.00263 J	0.00212 J
1,2,4-Trimethylbenzene	mg/kg	1,600	33	99	99	NA	<0.00652 U	<0.00669 U	<0.00732 U	<0.00748 U	<0.00689 U	<0.00667 U	<0.00726 U	<0.00659 U
1,2,3-Trimethylbenzene	mg/kg	1,600	21	64	64	NA	<0.00652 U	<0.00669 U	<0.00732 U	<0.00748 U	<0.00689 U	<0.00667 U	<0.00726 U	<0.00659 U
1,3,5-Trimethylbenzene	mg/kg	1,500	36	110	110	NA	<0.00652 U	<0.00669 U	<0.00732 U	<0.00748 U	<0.00689 U	<0.00667 U	<0.00726 U	<0.00659 U
Xylenes (total)	mg/kg	6,000	120	120	120	NA	<0.00848 U	<0.00869 U	<0.00951 U	<0.00972 U	<0.00895 U	<0.00867 U	0.00143 J	0.00319 J
Acenaphthylene	mg/kg	3,800	410	1,200	1,200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	18,000	6,900	21,000	21,000	NA	<0.0378 U	<0.0384 U	<0.0406 U	<0.0412 U	<0.039 U	<0.038 U	NA	NA

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)

TABLE E.1
SOIL DATA SUMMARY
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

		Residential Action Level (Assessment Level)			Sample Location:	SB-12A	SB-13	SB-13	SB-14	SB-14	SB-15	SB-15	SB-16	SB-17
					Depth (ft):	20	15	17.5	15	17.5	1.5	17.5	5	5
Analyte	**Units**	**TRRP Tier 1 Residential $^{Total}Soil_{Comb}$ (0.5-Acre)**	**TRRP Tier 1 Residential $^{GW}Soil_{Ing}$ (0.5-Acre)**	**Surface Soil (<5' Deep) Critical PCL**	**Subsurface Soil (>5' Deep) Critical PCL**	1/19/2021	7/21/2020	7/21/2020	7/21/2020	7/21/2020	7/21/2020	7/21/2020	1/19/2021	1/19/2021
Benzo (A) Anthracene	mg/kg	41	130	170	290	NA	<0.0378 U	<0.0384 U	<0.0406 U	<0.0412 U	<0.039 U	<0.038 U	NA	NA
Benzo (B) Fluoranthene	mg/kg	42	440	170	980	NA	<0.0378 U	<0.0384 U	<0.0406 U	<0.0412 U	<0.039 U	<0.038 U	NA	NA
Benzo (G,H,I) Perylene	mg/kg	1,800	46,000	19,000	140,000	NA	<0.0378 U	<0.0384 U	<0.0406 U	<0.0412 U	<0.039 U	<0.038 U	NA	NA
Benzo (A) Pyrene	mg/kg	4	7.6	7.6	7.6	NA	<0.0378 U	<0.0384 U	<0.0406 U	<0.0412 U	<0.039 U	<0.038 U	NA	NA
Chrysene	mg/kg	4,100	11,000	17,000	25,000	NA	<0.0378 U	<0.0384 U	<0.0406 U	<0.0412 U	<0.039 U	<0.038 U	NA	NA
Fluoranthene	mg/kg	2,300	1,900	5,700	5,700	NA	<0.0378 U	<0.0384 U	<0.0406 U	<0.0412 U	<0.039 U	<0.038 U	NA	NA
Fluorene	mg/kg	2,300	300	890	890	NA	<0.0378 U	<0.0384 U	<0.0406 U	<0.0412 U	<0.039 U	<0.038 U	NA	NA
Dibenzofuran	mg/kg	270	33	100	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno (1,2,3-CD) Pyrene	mg/kg	42	1,300	170	2,800	NA	<0.0378 U	<0.0384 U	<0.0406 U	<0.0412 U	<0.039 U	<0.038 U	NA	NA
Phenanthrene	mg/kg	1,700	420	1,200	1,200	NA	<0.0378 U	<0.0384 U	<0.0406 U	<0.0412 U	<0.039 U	<0.038 U	NA	NA
Bis (2-ethylhexyl) Phthalate	mg/kg	NE	NE	NE	NE	NA	<0.378 U	<0.384 U	<0.406 U	<0.412 U	<0.39 U	<0.38 U	NA	NA
Pyrene	mg/kg	1,700	1,100	3,300	3,300	NA	<0.0378 U	<0.0384 U	<0.0406 U	<0.0412 U	<0.039 U	<0.038 U	NA	NA
TPH C_{21} to C_{35} Aromatic	mg/kg	2,000	3,700	11,000	11,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH C_{10} to C_{12} Aliphatic	mg/kg	3,600	25,000	9,300	11,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH C_{12} to C_{16} Aliphatic	mg/kg	4,300	490,000	14,000	17,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH C_{16} to C_{21} Aliphatic	mg/kg	130,000	1,000,000	1,000,000	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH C_{16} to C_{21} Aromatic	mg/kg	2,000	470	590	590	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH C_{21} to C_{35} Aliphatic	mg/kg	130,000	1,000,000	1,000,000	1,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH C_8 to C_{10} Aliphatic	mg/kg	4,000	3,600	9,700	9,700	NA	NA	NA	NA	NA	NA	NA	NA	NA
C_6-C_{12} TPH	mg/kg	1,600	65	190	190	<89.4 U	<56.8 U	<57.7 U	<61 U	<61.9 U	<58.6 U	<57.1 U	NA	NA
C_{12}-C_{28} TPH	mg/kg	2,300	200	590	590	<89.4 U	<56.8 U	<57.7 U	<61 U	40.6 J	<58.6 U	<57.1 U	NA	NA
C_{28}-C_{35} TPH	mg/kg	2,300	200	590	590	<89.4 U	<56.8 U	<57.7 U	<61 U	60.4 J	<58.6 U	<57.1 U	NA	NA
Total TPH	mg/kg	NE	NE	NE	NE	<89.4 U	<56.8 U	<57.7 U	<61 U	101	<58.6 U	<57.1 U	NA	NA
pH	SU	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL SOLIDS	%	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)

TABLE E.1
SOIL DATA SUMMARY
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

		Residential Action Level (Assessment Level)			Sample Location:	SB-18	MW-09	MW-09	MW-10	MW-11	MW-11	TMW-01	TMW-02	TMW-03
					Depth (ft):	5	20	22.5	20	22.5	25	2-4	6-8	2-4
Analyte	**Units**	**TRRP Tier 1 Residential $^{Total}Soil_{Comb}$ (0.5-Acre)**	**TRRP Tier 1 Residential $^{GW}Soil_{Ing}$ (0.5-Acre)**	**Surface Soil (<5' Deep) Critical PCL**	**Subsurface Soil (>5' Deep) Critical PCL**	1/19/2021	7/21/2020	7/21/2020	7/7/2020	7/20/2020	7/20/2020	1/2/2019	1/3/2019	1/2/2019
Arsenic	mg/kg	24	5	21.8	21.8	1.26 J	NA	NA	NA	NA	NA	1.5	0.852	1.91
Barium	mg/kg	8,100	440	440	440	99.6	NA	NA	NA	NA	NA	26.5	23.2	50.6
Cadmium	mg/kg	52	15	2	2	0.0731 J	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/kg	33,000	2,400	2,400	2,400	13.5	NA	NA	NA	NA	NA	5.58	4.92	8.08
Lead	mg/kg	500	3	1,921.60	1,921.60	18.9	NA	NA	NA	NA	NA	5.94	4.29	6.53
Mercury	mg/kg	8.3	2.1	2.1	2.1	<0.0484 U	NA	NA	NA	NA	NA	0.00738	<0.00416	0.0111
Selenium	mg/kg	310.0	2.3	2.3	2.3	<2.42 U	NA	NA	NA	NA	NA	1.02	<0.499	<0.510
Acetone	mg/kg	66,000	43	133	133	1.73	<0.0668 U	<0.0799 U	<0.0815 U	<0.0701 U	<0.0733 U	NA	NA	NA
Benzene	mg/kg	120	0.026	0.026	0.026	0.00301	0.00158	0.00125 J	<0.00163 U	<0.0014 U	<0.00147 U	0.000498	0.000211	0.000558
sec-Butylbenzene	mg/kg	3,300	85	250	250	0.0436	0.323	<0.02 U	<0.0204 U	<0.0175 U	<0.0183 U	<0.000461	<0.000461	<0.000456
tert-Butylbenzene	mg/kg	3,300	100	300	300	0.0039 J	0.025	<0.00799 U	<0.00815 UJ	<0.00701 U	<0.00733 U	<0.000194	<0.000194	<0.000192
1,1-Dichloroethane	mg/kg	11,000	18	55	55	<0.00463 U	<0.00334 U	0.00185 J	<0.00408 U	<0.00351 U	<0.00366 U	<0.000189	<0.000189	<0.000187
1,1-Dichloroethene	mg/kg	2,300	0.05	0.05	0.05	<0.00463 U	<0.00334 U	<0.00399 U	<0.00408 U	<0.00351 U	<0.00366 U	<0.000223	<0.000223	<0.000220
cis-1,2-Dichloroethene	mg/kg	140	0.25	0.25	0.25	<0.00463 U	<0.00334 U	<0.00399 U	<0.00408 U	<0.00351 U	<0.00366 U	<0.000320	0.000457	<0.000316
Ethylbenzene	mg/kg	6,400	7.6	7.6	7.6	0.00598	0.021	<0.00399 U	<0.00408 U	<0.00351 U	<0.00366 U	<0.000404	<0.000578	<0.000399
2-Butanone (MEK)	mg/kg	40,000	29	87	87	<0.185 U	<0.134 U	<0.16 U	<0.163 U	<0.14 U	<0.147 U	NA	NA	NA
Naphthalene	mg/kg	220	31	93	93	0.0249	0.0234	<0.02 U	<0.0204 U	<0.0175 U	<0.0183 U	<0.00188	<0.00269	<0.00186
Isopropylbenzene	mg/kg	4,300	350	1,000	1,000	0.00714	0.0238	<0.00399 U	<0.00408 U	<0.00351 U	<0.00366 U	NA	NA	NA
Methyl Tert-Butyl Ether	mg/kg	800	0.62	1.9	1.9	0.00348	<0.00134 U	0.00076 J	<0.00163 U	<0.0014 U	<0.00147 U	NA	NA	NA
N-Butylbenzene	mg/kg	3,300	150	450	450	0.129	0.675	<0.02 U	<0.0204 U	<0.0175 U	<0.0183 U	NA	NA	NA
N-Propylbenzene	mg/kg	2,200	45	130	130	0.018	0.104	0.00185 J	<0.00815 U	<0.00701 U	<0.00733 U	NA	NA	NA
P-Isopropyltoluene	mg/kg	8,200	230	690	690	0.112	0.737	0.00839	<0.00815 U	<0.00701 U	<0.00733 U	NA	NA	NA
Trichloroethylene (TCE)	mg/kg	18	0.034	0.034	0.034	<0.00185 U	0.000926 J	<0.0016 U	<0.00163 U	0.0029	<0.00147 U	NA	NA	NA
Tetrachloroethene (PCE)	mg/kg	710	0.05	0.05	0.05	<0.00463 U	<0.00334 U	<0.00399 U	<0.00408 U	0.00394	<0.00366 U	0.000432	0.000767	0.00271
Toluene	mg/kg	5,900	8.2	8.2	8.2	0.00695 J	0.0187	<0.00799 U	<0.00815 U	<0.00701 U	<0.00733 U	0.00515	<0.00134	0.00379
1,2,4-Trimethylbenzene	mg/kg	1,600	33	99	99	0.289	1.07	0.0216	<0.00815 U	<0.00701 U	<0.00733 U	0.000169	0.000175	0.000130
1,2,3-Trimethylbenzene	mg/kg	1,600	21	64	64	0.29	1.11	0.0222	<0.00815 U	<0.00701 U	<0.00733 U	NA	NA	NA
1,3,5-Trimethylbenzene	mg/kg	1,500	36	110	110	0.0787	0.437	0.00633 J	<0.00815 U	<0.00701 U	<0.00733 U	<0.000373	<0.000535	<0.000369
Xylenes (total)	mg/kg	6,000	120	120	120	0.0307	0.131	0.00307 J	<0.0106 U	<0.00912 U	<0.00952 U	<0.000470	<0.000672	<0.000465
Acenaphthylene	mg/kg	3,800	410	1,200	1,200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	18,000	6,900	21,000	21,000	NA	<0.384 U	<0.0414 U	<0.0422 U	<0.0389 U	<0.0399 U	NA	NA	NA

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)

TABLE E.1
SOIL DATA SUMMARY
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

		Residential Action Level (Assessment Level)			Sample Location:	SB-18	MW-09	MW-09	MW-10	MW-11	MW-11	TMW-01	TMW-02	TMW-03
					Depth (ft):	5	20	22.5	20	22.5	25	2-4	6-8	2-4
Analyte	**Units**	**TRRP Tier 1 Residential $^{Total}Soil_{Comb}$ (0.5-Acre)**	**TRRP Tier 1 Residential $^{GW}Soil_{Ing}$ (0.5-Acre)**	**Surface Soil (<5' Deep) Critical PCL**	**Subsurface Soil (>5' Deep) Critical PCL**	1/19/2021	7/21/2020	7/21/2020	7/7/2020	7/20/2020	7/20/2020	1/2/2019	1/3/2019	1/2/2019
Benzo (A) Anthracene	mg/kg	41	130	170	290	NA	<0.384 U	<0.0414 U	<0.0422 U	<0.0389 U	<0.0399 U	NA	NA	NA
Benzo (B) Fluoranthene	mg/kg	42	440	170	980	NA	<0.384 U	<0.0414 U	<0.0422 U	<0.0389 U	<0.0399 U	NA	NA	NA
Benzo (G,H,I) Perylene	mg/kg	1,800	46,000	19,000	140,000	NA	<0.384 U	<0.0414 U	<0.0422 U	<0.0389 U	<0.0399 U	NA	NA	NA
Benzo (A) Pyrene	mg/kg	4	7.6	7.6	7.6	NA	<0.384 U	<0.0414 U	<0.0422 U	<0.0389 U	<0.0399 U	NA	NA	NA
Chrysene	mg/kg	4,100	11,000	17,000	25,000	NA	<0.384 U	<0.0414 U	<0.0422 U	<0.0389 U	<0.0399 U	NA	NA	NA
Fluoranthene	mg/kg	2,300	1,900	5,700	5,700	NA	<0.384 U	<0.0414 U	<0.0422 U	<0.0389 U	<0.0399 U	NA	NA	NA
Fluorene	mg/kg	2,300	300	890	890	NA	<0.384 U	<0.0414 U	<0.0422 U	<0.0389 U	<0.0399 U	NA	NA	NA
Dibenzofuran	mg/kg	270	33	100	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno (1,2,3-CD) Pyrene	mg/kg	42	1,300	170	2,800	NA	<0.384 U	<0.0414 U	<0.0422 U	<0.0389 U	<0.0399 U	NA	NA	NA
Phenanthrene	mg/kg	1,700	420	1,200	1,200	NA	<0.384 U	<0.0414 U	<0.0422 U	<0.0389 U	<0.0399 U	NA	NA	NA
Bis (2-ethylhexyl) Phthalate	mg/kg	NE	NE	NE	NE	NA	<3.84 U	<0.414 U	<0.422 U	<0.389 U	<0.399 U	NA	NA	NA
Pyrene	mg/kg	1,700	1,100	3,300	3,300	NA	<0.384 U	<0.0414 U	<0.0422 U	<0.0389 U	<0.0399 U	NA	NA	NA
TPH C_{21} to C_{35} Aromatic	mg/kg	2,000	3,700	11,000	11,000	NA	11.8 J	NA	NA	NA	NA	NA	NA	NA
TPH C_{10} to C_{12} Aliphatic	mg/kg	3,600	25,000	9,300	11,000	NA	392	NA	NA	NA	NA	NA	NA	NA
TPH C_{12} to C_{16} Aliphatic	mg/kg	4,300	490,000	14,000	17,000	NA	<23.1	NA	NA	NA	NA	NA	NA	NA
TPH C_{16} to C_{21} Aliphatic	mg/kg	130,000	1,000,000	1,000,000	1,000,000	NA	<23.1	NA	NA	NA	NA	NA	NA	NA
TPH C_{16} to C_{21} Aromatic	mg/kg	2,000	470	590	590	NA	<23.1	NA	NA	NA	NA	NA	NA	NA
TPH C_{21} to C_{35} Aliphatic	mg/kg	130,000	1,000,000	1,000,000	1,000,000	NA	121	NA	NA	NA	NA	NA	NA	NA
TPH C_8 to C_{10} Aliphatic	mg/kg	4,000	3,600	9,700	9,700	NA	653	NA	NA	NA	NA	NA	NA	NA
C_6-C_{12} TPH	mg/kg	1,600	65	190	190	NA	1670	<62.1 U	<63.4 U	<58.4 U	<60 U	<2.66	<2.33	<2.76
C_{12}-C_{28} TPH	mg/kg	2,300	200	590	590	NA	173	<62.1 U	<63.4 U	<58.4 U	<60 U	33.4	<1.6	11.9
C_{28}-C_{35} TPH	mg/kg	2,300	200	590	590	NA	178	<62.1 U	<63.4 U	<58.4 U	<60 U	21.8	<0.669	10.4
Total TPH	mg/kg	NE	NE	NE	NE	NA	2020	<62.1 U	<63.4 U	<58.4 U	<60 U	55.2	<0.669	22.3
pH	SU	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	8.3	8.28	7.77
TOTAL SOLIDS	%	NE	NE	NE	NE	NA	NA	NA	78.9	NA	NA	NA	NA	NA

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)

TABLE E.1
SOIL DATA SUMMARY
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

					Sample Location:	TMW-04	TMW-05	TMW-06	TMW-07	TMW-08	TMW-09	TMW-10
		Residential Action Level (Assessment Level)			Depth (ft):	19-21	2-4	2-4	8-10	2-4	2-4	2-4
Analyte	**Units**	**TRRP Tier 1 Residential $^{Total}Soil_{Comb}$ (0.5-Acre)**	**TRRP Tier 1 Residential $^{GW}Soil_{Ing}$ (0.5-Acre)**	**Surface Soil (<5' Deep) Critical PCL**	**Subsurface Soil (>5' Deep) Critical PCL**	1/2/2019	1/3/2019	1/3/2019	1/3/2019	1/3/2019	1/3/2019	1/2/2019
Arsenic	mg/kg	24	5	21.8	21.8	0.856	1.64	3.45	<0.627	2.17	2.59	0.754
Barium	mg/kg	8,100	440	440	440	12.2	34.1	53.7	14.1	72.0	83	23.2
Cadmium	mg/kg	52	15	2	2	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/kg	33,000	2,400	2,400	2,400	3.28	4.63	13.5	5.86	7.63	9.21	5.58
Lead	mg/kg	500	3	1,921.60	1,921.60	3.49	7.61	7.76	6.11	5.94	15	5.24
Mercury	mg/kg	8.3	2.1	2.1	2.1	<0.00408	0.00444	0.00829	<0.00405	0.00586	0.0195	0.00695
Selenium	mg/kg	310.0	2.3	2.3	2.3	<0.447	<0.538	0.805	<0.504	0.633	<0.507	0.547
Acetone	mg/kg	66,000	43	133	133	NA	NA	NA	NA	NA	NA	NA
Benzene	mg/kg	120	0.026	0.026	0.026	<0.00395	0.000687	0.000390	<0.000149	0.000391	0.000293	0.000786
sec-Butylbenzene	mg/kg	3,300	85	250	250	<0.0124	<0.000783	<0.000490	<0.000464	<0.000384	<0.000435	<0.000443
tert-Butylbenzene	mg/kg	3,300	100	300	300	<0.00520	<0.000330	<0.000206	<0.000196	<0.000162	<0.000183	<0.000186
1,1-Dichloroethane	mg/kg	11,000	18	55	55	<0.00507	<0.000321	0.000290	0.00330	<0.000157	<0.000178	<0.000182
1,1-Dichloroethene	mg/kg	2,300	0.05	0.05	0.05	<0.00597	<0.000379	<0.000237	0.000540	<0.000186	<0.000210	<0.000214
cis-1,2-Dichloroethene	mg/kg	140	0.25	0.25	0.25	<0.00857	0.000544	<0.000340	0.00101	<0.000266	<0.000302	<0.000307
Ethylbenzene	mg/kg	6,400	7.6	7.6	7.6	<0.0108	0.000831	<0.000430	<0.000407	<0.000336	<0.000381	<0.000388
2-Butanone (MEK)	mg/kg	40,000	29	87	87	NA	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	220	31	93	93	0.00629	<0.00320	<0.00200	<0.00189	<0.00157	<0.00177	<0.00181
Isopropylbenzene	mg/kg	4,300	350	1,000	1,000	NA	NA	NA	NA	NA	NA	NA
Methyl Tert-Butyl Ether	mg/kg	800	0.62	1.9	1.9	NA	NA	NA	NA	NA	NA	NA
N-Butylbenzene	mg/kg	3,300	150	450	450	NA	NA	NA	NA	NA	NA	NA
N-Propylbenzene	mg/kg	2,200	45	130	130	NA	NA	NA	NA	NA	NA	NA
P-Isopropyltoluene	mg/kg	8,200	230	690	690	NA	NA	NA	NA	NA	NA	NA
Trichloroethylene (TCE)	mg/kg	18	0.034	0.034	0.034	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene (PCE)	mg/kg	710	0.05	0.05	0.05	<0.00645	<0.000409	0.000280	0.000862	<0.000256	0.000293	<0.000231
Toluene	mg/kg	5,900	8.2	8.2	8.2	<0.0252	0.00385	<0.00100	<0.000947	0.00431	0.00134	0.00969
1,2,4-Trimethylbenzene	mg/kg	1,600	33	99	99	0.0398	<0.000180	0.000140	<0.00189	0.000117	0.000115	0.000163
1,2,3-Trimethylbenzene	mg/kg	1,600	21	64	64	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	mg/kg	1,500	36	110	110	0.0113	<0.000635	<0.000397	<0.000376	<0.000311	<0.000352	<0.000359
Xylenes (total)	mg/kg	6,000	120	120	120	<0.0126	<0.000799	<0.000500	<0.000474	<0.000391	<0.000443	<0.000452
Acenaphthylene	mg/kg	3,800	410	1,200	1,200	0.00877	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	18,000	6,900	21,000	21,000	0.0181	NA	NA	NA	NA	NA	NA

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)

TABLE E.1
SOIL DATA SUMMARY
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

		Residential Action Level (Assessment Level)			Sample Location:	TMW-04	TMW-05	TMW-06	TMW-07	TMW-08	TMW-09	TMW-10
					Depth (ft):	19-21	2-4	2-4	8-10	2-4	2-4	2-4
Analyte	**Units**	**TRRP Tier 1 Residential $^{Total}Soil_{Comb}$ (0.5-Acre)**	**TRRP Tier 1 Residential $^{GW}Soil_{Ing}$ (0.5-Acre)**	**Surface Soil (<5' Deep) Critical PCL**	**Subsurface Soil (>5' Deep) Critical PCL**	1/2/2019	1/3/2019	1/3/2019	1/3/2019	1/3/2019	1/3/2019	1/2/2019
Benzo (A) Anthracene	mg/kg	41	130	170	290	0.00629	NA	NA	NA	NA	NA	NA
Benzo (B) Fluoranthene	mg/kg	42	440	170	980	<0.00443	NA	NA	NA	NA	NA	NA
Benzo (G,H,I) Perylene	mg/kg	1,800	46,000	19,000	140,000	<0.00443	NA	NA	NA	NA	NA	NA
Benzo (A) Pyrene	mg/kg	4	7.6	7.6	7.6	<0.00443	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	4,100	11,000	17,000	25,000	<0.00443	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	2,300	1,900	5,700	5,700	0.00859	NA	NA	NA	NA	NA	NA
Fluorene	mg/kg	2,300	300	890	890	0.0466	NA	NA	NA	NA	NA	NA
Dibenzofuran	mg/kg	270	33	100	100	0.0118	NA	NA	NA	NA	NA	NA
Indeno (1,2,3-CD) Pyrene	mg/kg	42	1,300	170	2,800	<0.00443	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	1,700	420	1,200	1,200	0.0809	NA	NA	NA	NA	NA	NA
Bis (2-ethylhexyl) Phthalate	mg/kg	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	1,700	1,100	3,300	3,300	0.0932	NA	NA	NA	NA	NA	NA
TPH C_{21} to C_{35} Aromatic	mg/kg	2,000	3,700	11,000	11,000	89.7	NA	NA	NA	NA	NA	NA
TPH C_{10} to C_{12} Aliphatic	mg/kg	3,600	25,000	9,300	11,000	11.6	NA	NA	NA	NA	NA	NA
TPH C_{12} to C_{16} Aliphatic	mg/kg	4,300	490,000	14,000	17,000	42.7	NA	NA	NA	NA	NA	NA
TPH C_{16} to C_{21} Aliphatic	mg/kg	130,000	1,000,000	1,000,000	1,000,000	180	NA	NA	NA	NA	NA	NA
TPH C_{16} to C_{21} Aromatic	mg/kg	2,000	470	590	590	18.0	NA	NA	NA	NA	NA	NA
TPH C_{21} to C_{35} Aliphatic	mg/kg	130,000	1,000,000	1,000,000	1,000,000	5670	NA	NA	NA	NA	NA	NA
TPH C_8 to C_{10} Aliphatic	mg/kg	4,000	3,600	9,700	9,700		NA	NA	NA	NA	NA	NA
C_6-C_{12} TPH	mg/kg	1,600	65	190	190	16.8	<2.24	<2.14	<2.48	<2.04	<2.57	<2.71
C_{12}-C_{28} TPH	mg/kg	2,300	200	590	590	2230	<1.53	<1.47	<1.70	<1.40	21.1	<1.86
C_{28}-C_{35} TPH	mg/kg	2,300	200	590	590	3270	<0.642	<0.615	<0.712	<0.585	10.1	<0.777
Total TPH	mg/kg	NE	NE	NE	NE	5520	<0.642	<0.615	<0.712	<0.585	31.2	<0.777
pH	SU	NE	NE	NE	NE	7.63	7.54	7.25	8.17	7.72	9.69	9.57
TOTAL SOLIDS	%	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)

TABLE E.2
GROUNDWATER PCLS AND DATA SUMMARY
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

		Residential Action Level (Assessment Level)		Remedy Evaluation			MW-01							
	Units	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$ (0.5-acre)	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$	Critical Tier 1 PCL	08/01/2019	11/05/2019	2/10/2020	7/27/2020	10/20/2020	1/20/2021	5/4/2021	9/16/2021
Arsenic	mg/l	0.01	NE	0.01	NE	0.01	<0.01 U	<0.01 U	<0.01 U	0.0537	<0.01 U	<0.01 U	<0.0100 U	<0.01 U
Barium	mg/l	2	NE	2	NE	2	0.523	0.341	0.335	0.85	0.306	0.256	0.248	0.222
Cadmium	mg/l	0.005	NE	0.005	NE	0.005	<0.002 U	<0.002 U	<0.002 U	<0.002 U	<0.002 U	<0.002 U	<0.005 U	<0.005 U
Chromium	mg/l	0.1	NE	0.1	NE	0.1	<0.01 U	0.00217 J	<0.01 U	0.0479	0.00433 J	0.00363 J	0.00469 U	<0.01 U
Lead	mg/l	0.015	NE	0.015	NE	0.015	<0.005 U	<0.005 U	<0.005 U	0.0371	<0.006 U	<0.006 U	<0.01 U	<0.01 U
Selenium	mg/l	0.05	NE	0.05	NE	0.05	0.0102	<0.01 U	<0.01 U	0.01	0.0105	<0.01 U	<0.03 U	<0.03 U
Silver	mg/l	0.12	NE	0.37	NE	0.37	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.02 U	<0.02 U
Mercury	mg/l	0.002	7.3	0.002	10	0.002	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U
Acetone	mg/l	22	1,000,000	66	1,000,000	66	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.01 U	<0.01 U
Benzene	mg/l	0.005	180	0.005	300	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	0.000131 J	<0.001 U	<0.001 U
Bromodichloromethane	mg/l	0.08	NE	0.08	NE	0.08	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
n-Butylbenzene	mg/l	1.2	NE	3.7	NE	3.7	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
sec-Butylbenene	mg/l	0.98	NE	2.9	NE	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
tert-Butylbenzene	mg/l	0.98	NE	2.9	NE	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
Chloroethane	mg/l	9.8	120,000	29	160000	29	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Chloroform	mg/l	0.08	20	0.08	33	0.08	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.001 U	<0.001 U
2-Chlorotoluene	mg/l	0.49	24,000	1.5	33000	1.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1-Dichloroethane	mg/l	4.9	43,000	15	60,000	15	0.00209	0.000387 J	0.000368 J	0.000393 J	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,2-Dichloroethane	mg/l	0.005	250	0.005	420	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1-Dichloroethene	mg/l	0.007	1,700	0.007	2,300	0.007	0.017	0.0027	0.0021	0.00436	0.000467 J	0.000304 J	<0.001 U	<0.001 U
cis-1,2-Dichloroethene	mg/l	0.07	1,200	0.07	1,700	0.07	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
trans-1,2-Dichloroethene	mg/l	0.1	770	0.1	1,100	0.1	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Ethylbenzene	mg/l	0.7	30,000	0.7	42,000	0.7	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Isopropylbenzene	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Dichloro-difluoromethane	mg/l	4.9	NE	15	84	15	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
NE= Not Established
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)
B= Compound detected in blank as well as sample
R= Rejected value

		Residential Action Level (Assessment Level)		Remedy Evaluation			MW-01							
	Units	TRRP Tier 1 $^{Gw}Gw_{ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$ (0.5-acre)	TRRP Tier 1 $^{Gw}Gw_{ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$	Critical Tier 1 PCL	08/01/2019	11/05/2019	2/10/2020	7/27/2020	10/20/2020	1/20/2021	5/4/2021	9/16/2021
P-Isopropyltoluene	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Methylene Chloride	mg/l	0.005	21000	0.005	36000	0.005	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.01 U	<0.01 U
Methyl tert-butyl ether	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
2-Nitrophenol	mg/l	0.049	NE	0.15	NE	0.15	<0.0102 U	<0.01 U	<0.011 U	<0.01 U	<0.01 U	<0.01 U	<0.005 U	<0.005 U
Fluoranthene	mg/l	0.98	NE	2.9	NE	2.9	<0.00102 U	<0.001 U	<0.0011 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Hexachlorocyclopentadiene	mg/l	0.05	5.4	0.05	7.6	0.05	<0.0102 U	<0.01 U	<0.011 U	<0.01 U	<0.01 U	<0.01 U	<0.005 U	<0.005 U
Phenanthrene	mg/l	0.73	NE	2.2	NE	2.2	<0.00102 U	<0.001 U	<0.0011 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Pyrene	mg/l	0.73	NE	2.2	NE	2.2	<0.00102 U	<0.001 U	<0.0011 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
n-Propylbenzene	mg/l	0.98	6000	2.9	8500	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Tetrachloroethene (PCE)	mg/l	0.005	500	0.005	840	0.005	0.0102	0.00179	0.00201	0.00236	0.00115	0.000898 J	0.000511 J	<0.001 U
Toluene	mg/l	1	64000	1	89000	1	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1,2-Trichloroethane	mg/l	0.005	80	0.005	130	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Trichloroethene (TCE)	mg/l	0.005	24	0.005	33	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,2,4-Trimethylbenzene	mg/l	0.83	4900	2.5	6800	2.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
1,2,3-Trimethylbenzene	mg/l	0.83	5600	2.5	7900	2.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
1,3,5-Trimethylbenzene	mg/l	0.83	3800	2.5	5300	2.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
Vinyl Chloride	mg/l	0.002	3.8	0.002	6.4	0.002	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Xylenes, Total	mg/l	10	10000	10	14000	10	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.002 U	<0.002 U
TPH C6-C12	mg/l	0.98	1800	2.9	2500	2.9	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.73 U	<4.62 U
TPH C12-C28	mg/l	0.98	7500	2.9	10000	2.9	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.73 U	<4.62 U
TPH C28-C35	mg/l	0.98	7500	2.9	10000	2.9	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.73 U	<4.62 U
Total TPH	mg/l	NE	NE	NE	NE	NE	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.73 U	<4.62 U
Naphthalene	mg/l	0.49	320	1.5	440	1.5	<0.00102 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Bis (2-Ethylhexyl) Phthalate	mg/l	0.006	NE	0.006	NE	0.006	<0.00306 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.005 U	<0.005 U
Diethyl Phthalate	mg/l	20	NE	58	NE	58	<0.00306 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.005 U	<0.005 U
2,4-Dimethylphenol	mg/l	0.49	NE	1.5	NE	1.5	<0.0102 U	<0.01 U	<0.011 U	<0.01 U	<0.01 U	<0.01 U	<0.005 U	<0.005 U
Benzo(A)Anthracene	mg/l	0.0091	3000	0.02	5000	0.02	<0.00102 U	<0.001 U	<0.0011 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Benzo(A)Pyrene	mg/l	0.0002	29	0.0002	41	0.0002	<0.00102 U	<0.001 U	<0.00022 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.005 U	<0.005 U
Phenol	mg/l	7.3	160000	22	220000	22	0.00127 J	0.00078 J	<0.011 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
NE= Not Established
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)
B= Compound detected in blank as well as sample
R= Rejected value

TABLE E.2
GROUNDWATER PCLS AND DATA SUMMARY
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

		Residential Action Level (Assessment Level)		Remedy Evaluation			MW-02							
	Units	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$ (0.5-acre)	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$	Critical Tier 1 PCL	08/01/2019	11/05/2019	2/10/2020	7/28/2020	10/20/2020	1/21/2021	5/4/2021	9/16/2021
Arsenic	mg/l	0.01	NE	0.01	NE	0.01	<0.01 U	<0.01 U	<0.01 U	0.00596 J	<0.01 U	<0.01 U	<0.01 U	<0.01 U
Barium	mg/l	2	NE	2	NE	2	0.943	0.901	0.949	1.19	0.955	1.01	0.819	0.796
Cadmium	mg/l	0.005	NE	0.005	NE	0.005	<0.002 U	<0.002 U	<0.002 U	<0.002 U	<0.002 U	0.000551 J	<0.005 U	<0.005 U
Chromium	mg/l	0.1	NE	0.1	NE	0.1	0.00514 J	0.00477 J	0.00475 J	0.0361	0.012	0.127	0.00658 U	0.0138 B
Lead	mg/l	0.015	NE	0.015	NE	0.015	<0.005 U	<0.005 U	<0.005 U	0.013	<0.006 U	0.0032 J	<0.01 U	<0.01 U
Selenium	mg/l	0.05	NE	0.05	NE	0.05	0.0108	0.00922 J	<0.01 U	<0.01 U	0.00816 J	0.00939 J	<0.03 U	<0.03 U
Silver	mg/l	0.12	NE	0.37	NE	0.37	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.02 U	<0.02 U
Mercury	mg/l	0.002	7.3	0.002	10	0.002	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 UJ	<0.0002 U	<0.0002 U
Acetone	mg/l	22	1,000,000	66	1,000,000	66	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.01 U	<0.01 U
Benzene	mg/l	0.005	180	0.005	300	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Bromodichloromethane	mg/l	0.08	NE	0.08	NE	0.08	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
n-Butylbenzene	mg/l	1.2	NE	3.7	NE	3.7	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
sec-Butylbenene	mg/l	0.98	NE	2.9	NE	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
tert-Butylbenzene	mg/l	0.98	NE	2.9	NE	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
Chloroethane	mg/l	9.8	120,000	29	160000	29	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Chloroform	mg/l	0.08	20	0.08	33	0.08	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.001 U	<0.001 U
2-Chlorotoluene	mg/l	0.49	24,000	1.5	33000	1.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1-Dichloroethane	mg/l	4.9	43,000	15	60,000	15	0.000403 J	0.000577 J	<0.001 U	0.000656 J	0.000531 J	0.000587 J	0.000632 J	0.000599 J
1,2-Dichloroethane	mg/l	0.005	250	0.005	420	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1-Dichloroethene	mg/l	0.007	1,700	0.007	2,300	0.007	0.0153	0.0136	0.021	0.0197	0.0188	0.0181	0.0174	0.0158
cis-1,2-Dichloroethene	mg/l	0.07	1,200	0.07	1,700	0.07	<0.001 U	0.000415 J	0.000485 J	0.000443 J	0.000375 J	0.00094 J	<0.001 U	<0.001 U
trans-1,2-Dichloroethene	mg/l	0.1	770	0.1	1,100	0.1	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Ethylbenzene	mg/l	0.7	30,000	0.7	42,000	0.7	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Isopropylbenzene	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Dichloro-difluoromethane	mg/l	4.9	NE	15	84	15	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
NE= Not Established
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)
B= Compound detected in blank as well as sample
R= Rejected value

		Residential Action Level (Assessment Level)		Remedy Evaluation			MW-02							
	Units	TRRP Tier 1 $^{Gw}Gw_{ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$ (0.5-acre)	TRRP Tier 1 $^{Gw}Gw_{ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$	Critical Tier 1 PCL	08/01/2019	11/05/2019	2/10/2020	7/28/2020	10/20/2020	1/21/2021	5/4/2021	9/16/2021
P-Isopropyltoluene	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Methylene Chloride	mg/l	0.005	21000	0.005	36000	0.005	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.01 U	<0.01 U
Methyl tert-butyl ether	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
2-Nitrophenol	mg/l	0.049	NE	0.15	NE	0.15	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.005 UJ	<0.005 U
Fluoranthene	mg/l	0.98	NE	2.9	NE	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Hexachlorocyclopentadiene	mg/l	0.05	5.4	0.05	7.6	0.05	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.005 U	<0.005 U
Phenanthrene	mg/l	0.73	NE	2.2	NE	2.2	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Pyrene	mg/l	0.73	NE	2.2	NE	2.2	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
n-Propylbenzene	mg/l	0.98	6000	2.9	8500	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Tetrachloroethene (PCE)	mg/l	0.005	500	0.005	840	0.005	0.00512	0.00573	0.00838	0.00823	0.00918	0.00718	0.00658	0.00725
Toluene	mg/l	1	64000	1	89000	1	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1,2-Trichloroethane	mg/l	0.005	80	0.005	130	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Trichloroethene (TCE)	mg/l	0.005	24	0.005	33	0.005	<0.001 U	0.00042 J	0.00042 J	0.000615 J	0.000502 J	0.000446 J	<0.001 U	<0.001 U
1,2,4-Trimethylbenzene	mg/l	0.83	4900	2.5	6800	2.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
1,2,3-Trimethylbenzene	mg/l	0.83	5600	2.5	7900	2.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	0.000185 J	<0.002 U	<0.002 U
1,3,5-Trimethylbenzene	mg/l	0.83	3800	2.5	5300	2.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
Vinyl Chloride	mg/l	0.002	3.8	0.002	6.4	0.002	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Xylenes, Total	mg/l	10	10000	10	14000	10	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.002 U	<0.002 U
TPH C6-C12	mg/l	0.98	1800	2.9	2500	2.9	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.64 U	<4.76 U
TPH C12-C28	mg/l	0.98	7500	2.9	10000	2.9	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.64 U	<4.76 U
TPH C28-C35	mg/l	0.98	7500	2.9	10000	2.9	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.64 U	<4.76 U
Total TPH	mg/l	NE	NE	NE	NE	NE	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.64 U	<4.76 U
Naphthalene	mg/l	0.49	320	1.5	440	1.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001	<0.001 U	<0.005 U	<0.005 U
Bis (2-Ethylhexyl) Phthalate	mg/l	0.006	NE	0.006	NE	0.006	<0.003 U	0.0255	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.005 U	<0.005 U
Diethyl Phthalate	mg/l	20	NE	58	NE	58	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.005 U	<0.005 U
2,4-Dimethylphenol	mg/l	0.49	NE	1.5	NE	1.5	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.005 UJ	<0.005 U
Benzo(A)Anthracene	mg/l	0.0091	3000	0.02	5000	0.02	<0.001 U	0.000167 J	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Benzo(A)Pyrene	mg/l	0.0002	29	0.0002	41	0.0002	<0.001 U	<0.001 U	0.000122 J	<0.0002 U	<0.0002 U	<0.0002 U	<0.005 U	<0.005 U
Phenol	mg/l	7.3	160000	22	220000	22	0.000362 J	0.00291 J	0.000515 J	<0.01 U	<0.01 U	<0.01 U	<0.01 UJ	<0.01 U

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
NE= Not Established
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)
B= Compound detected in blank as well as sample
R= Rejected value

		Residential Action Level (Assessment Level)		Remedy Evaluation			MW-03							
	Units	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$ (0.5-acre)	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$	Critical Tier 1 PCL	07/31/2019	11/05/2019	2/10/2020	7/27/2020	10/21/2020	1/20/2021	5/5/2021	9/16/2021
Arsenic	mg/l	0.01	NE	0.01	NE	0.01	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	0.0398	0.00575 J	0.00679 J
Barium	mg/l	2	NE	2	NE	2	0.282	0.272	0.252	0.461	0.575	2.51	0.394	0.291
Cadmium	mg/l	0.005	NE	0.005	NE	0.005	<0.002 U	<0.002 U	<0.002 U	<0.002 U	<0.002 U	0.0043	<0.005 U	<0.005 U
Chromium	mg/l	0.1	NE	0.1	NE	0.1	0.00188 J	0.0029 J	0.00227 J	0.021	0.0103	0.255	0.0166	0.0145 B
Lead	mg/l	0.015	NE	0.015	NE	0.015	<0.005 U	<0.005 U	<0.005 U	0.0179	0.00551 J	0.187	0.0138	0.00333 J
Selenium	mg/l	0.05	NE	0.05	NE	0.05	0.0225	0.0214	0.0116	0.0173	0.0135	<0.01 U	<0.03 U	<0.03 U
Silver	mg/l	0.12	NE	0.37	NE	0.37	<0.005 U	<0.005 U	<0.005	<0.005 U	<0.005 U	<0.005 U	<0.02 U	<0.02 U
Mercury	mg/l	0.002	7.3	0.002	10	0.002	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0000526 U
Acetone	mg/l	22	1,000,000	66	1,000,000	66	<0.05 U	<0.05 U	<0.05 U	<0.05 U	0.0138 J	<0.05 U	<0.01 U	<0.01 U
Benzene	mg/l	0.005	180	0.005	300	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	0.000118 J	<0.001 U	<0.001 U
Bromodichloromethane	mg/l	0.08	NE	0.08	NE	0.08	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
n-Butylbenzene	mg/l	1.2	NE	3.7	NE	3.7	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
sec-Butylbenene	mg/l	0.98	NE	2.9	NE	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
tert-Butylbenzene	mg/l	0.98	NE	2.9	NE	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
Chloroethane	mg/l	9.8	120,000	29	160000	29	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Chloroform	mg/l	0.08	20	0.08	33	0.08	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.001 U	<0.001 U
2-Chlorotoluene	mg/l	0.49	24,000	1.5	33000	1.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1-Dichloroethane	mg/l	4.9	43,000	15	60,000	15	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,2-Dichloroethane	mg/l	0.005	250	0.005	420	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1-Dichloroethene	mg/l	0.007	1,700	0.007	2,300	0.007	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
cis-1,2-Dichloroethene	mg/l	0.07	1,200	0.07	1,700	0.07	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
trans-1,2-Dichloroethene	mg/l	0.1	770	0.1	1,100	0.1	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Ethylbenzene	mg/l	0.7	30,000	0.7	42,000	0.7	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Isopropylbenzene	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Dichloro-difluoromethane	mg/l	4.9	NE	15	84	15	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
NE= Not Established
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)
B= Compound detected in blank as well as sample
R= Rejected value

		Residential Action Level (Assessment Level)		Remedy Evaluation			MW-03							
	Units	TRRP Tier 1 $^{Gw}Gw_{ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$ (0.5-acre)	TRRP Tier 1 $^{Gw}Gw_{ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$	Critical Tier 1 PCL	07/31/2019	11/05/2019	2/10/2020	7/27/2020	10/21/2020	1/20/2021	5/5/2021	9/16/2021
P-Isopropyltoluene	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Methylene Chloride	mg/l	0.005	21000	0.005	36000	0.005	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.01 U	<0.01 U
Methyl tert-butyl ether	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
2-Nitrophenol	mg/l	0.049	NE	0.15	NE	0.15	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.005 UJ	<0.005 U
Fluoranthene	mg/l	0.98	NE	2.9	NE	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Hexachlorocyclopentadiene	mg/l	0.05	5.4	0.05	7.6	0.05	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.005 U	<0.005 U
Phenanthrene	mg/l	0.73	NE	2.2	NE	2.2	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Pyrene	mg/l	0.73	NE	2.2	NE	2.2	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
n-Propylbenzene	mg/l	0.98	6000	2.9	8500	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Tetrachloroethene (PCE)	mg/l	0.005	500	0.005	840	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Toluene	mg/l	1	64000	1	89000	1	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1,2-Trichloroethane	mg/l	0.005	80	0.005	130	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Trichloroethene (TCE)	mg/l	0.005	24	0.005	33	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,2,4-Trimethylbenzene	mg/l	0.83	4900	2.5	6800	2.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
1,2,3-Trimethylbenzene	mg/l	0.83	5600	2.5	7900	2.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
1,3,5-Trimethylbenzene	mg/l	0.83	3800	2.5	5300	2.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
Vinyl Chloride	mg/l	0.002	3.8	0.002	6.4	0.002	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Xylenes, Total	mg/l	10	10000	10	14000	10	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.002 U	<0.002 U
TPH C6-C12	mg/l	0.98	1800	2.9	2500	2.9	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.70 U	<4.66 U
TPH C12-C28	mg/l	0.98	7500	2.9	10000	2.9	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.70 U	<4.66 U
TPH C28-C35	mg/l	0.98	7500	2.9	10000	2.9	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.70 U	<4.66 U
Total TPH	mg/l	NE	NE	NE	NE	NE	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.70 U	<4.66 U
Naphthalene	mg/l	0.49	320	1.5	440	1.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Bis (2-Ethylhexyl) Phthalate	mg/l	0.006	NE	0.006	NE	0.006	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.005 U	<0.005 U
Diethyl Phthalate	mg/l	20	NE	58	NE	58	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.005 U	<0.005 U
2,4-Dimethylphenol	mg/l	0.49	NE	1.5	NE	1.5	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.005 UJ	<0.005 U
Benzo(A)Anthracene	mg/l	0.0091	3000	0.02	5000	0.02	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Benzo(A)Pyrene	mg/l	0.0002	29	0.0002	41	0.0002	<0.001 U	<0.001 U	0.000129 J	<0.0002 U	<0.0002 U	<0.0002 U	<0.005 U	<0.005 U
Phenol	mg/l	7.3	160000	22	220000	22	0.000437 J	0.00295 J	0.00105 J	0.00583 J	<0.01 U	<0.01 U	<0.01 UJ	<0.01 U

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
NE= Not Established
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)
B= Compound detected in blank as well as sample
R= Rejected value

		Residential Action Level (Assessment Level)		Remedy Evaluation			MW-04							
	Units	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$ (0.5-acre)	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$	Critical Tier 1 PCL	07/31/2019	11/05/2019	2/10/2020	7/27/2020	10/21/2020	1/20/2021	5/5/2021	9/16/2021
Arsenic	mg/l	0.01	NE	0.01	NE	0.01	<0.01 U	<0.01 U	<0.01 U	0.00468 J	<0.01 U	0.00469 J	<0.0100 U	0.019
Barium	mg/l	2	NE	2	NE	2	0.381	0.435	0.452	0.83	0.675	0.909	0.380	0.412
Cadmium	mg/l	0.005	NE	0.005	NE	0.005	<0.002 U	<0.002 U	<0.002 U	<0.002 U	<0.002 U	0.000675 J	<0.005 U	<0.005 U
Chromium	mg/l	0.1	NE	0.1	NE	0.1	0.00226 J	0.00371 J	0.00155 J	0.0205	0.00785 J	0.0344	<0.01 U	0.00904 J B
Lead	mg/l	0.015	NE	0.015	NE	0.015	0.00394 J	<0.005 U	<0.005 U	0.0149	0.00559 J	0.0359	<0.01 U	0.00644 J
Selenium	mg/l	0.05	NE	0.05	NE	0.05	<0.01 U	0.00975 J	<0.01 U	0.00839 J	<0.01 U	<0.01 U	<0.03 U	<0.03 U
Silver	mg/l	0.12	NE	0.37	NE	0.37	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	0.00397 J	<0.02 U	<0.02 U
Mercury	mg/l	0.002	7.3	0.002	10	0.002	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U
Acetone	mg/l	22	1,000,000	66	1,000,000	66	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.01 U	<0.01 U
Benzene	mg/l	0.005	180	0.005	300	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	0.000107 J	<0.001 U	<0.001 U
Bromodichloromethane	mg/l	0.08	NE	0.08	NE	0.08	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
n-Butylbenzene	mg/l	1.2	NE	3.7	NE	3.7	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.0002 U
sec-Butylbenene	mg/l	0.98	NE	2.9	NE	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
tert-Butylbenzene	mg/l	0.98	NE	2.9	NE	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
Chloroethane	mg/l	9.8	120,000	29	160000	29	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Chloroform	mg/l	0.08	20	0.08	33	0.08	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	0.000126 J	<0.001 U	<0.001 U
2-Chlorotoluene	mg/l	0.49	24,000	1.5	33000	1.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1-Dichloroethane	mg/l	4.9	43,000	15	60,000	15	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,2-Dichloroethane	mg/l	0.005	250	0.005	420	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1-Dichloroethene	mg/l	0.007	1,700	0.007	2,300	0.007	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
cis-1,2-Dichloroethene	mg/l	0.07	1,200	0.07	1,700	0.07	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
trans-1,2-Dichloroethene	mg/l	0.1	770	0.1	1,100	0.1	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Ethylbenzene	mg/l	0.7	30,000	0.7	42,000	0.7	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Isopropylbenzene	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Dichloro-difluoromethane	mg/l	4.9	NE	15	84	15	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
NE= Not Established
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)
B= Compound detected in blank as well as sample
R= Rejected value

		Residential Action Level (Assessment Level)		Remedy Evaluation			MW-04							
	Units	TRRP Tier 1 $^{Gw}Gw_{ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$ (0.5-acre)	TRRP Tier 1 $^{Gw}Gw_{ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$	Critical Tier 1 PCL	07/31/2019	11/05/2019	2/10/2020	7/27/2020	10/21/2020	1/20/2021	5/5/2021	9/16/2021
P-Isopropyltoluene	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Methylene Chloride	mg/l	0.005	21000	0.005	36000	0.005	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.01 U	<0.01 U
Methyl tert-butyl ether	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
2-Nitrophenol	mg/l	0.049	NE	0.15	NE	0.15	<0.0109 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.0051 UJ	<0.005 U
Fluoranthene	mg/l	0.98	NE	2.9	NE	2.9	<0.00109 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.0051 U	<0.005 U
Hexachlorocyclopentadiene	mg/l	0.05	5.4	0.05	7.6	0.05	<0.0109 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.0051 U	<0.005 U
Phenanthrene	mg/l	0.73	NE	2.2	NE	2.2	<0.00109 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.0051 U	<0.005 U
Pyrene	mg/l	0.73	NE	2.2	NE	2.2	<0.00109 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.0051 U	<0.005 U
n-Propylbenzene	mg/l	0.98	6000	2.9	8500	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Tetrachloroethene (PCE)	mg/l	0.005	500	0.005	840	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Toluene	mg/l	1	64000	1	89000	1	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1,2-Trichloroethane	mg/l	0.005	80	0.005	130	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Trichloroethene (TCE)	mg/l	0.005	24	0.005	33	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,2,4-Trimethylbenzene	mg/l	0.83	4900	2.5	6800	2.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
1,2,3-Trimethylbenzene	mg/l	0.83	5600	2.5	7900	2.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
1,3,5-Trimethylbenzene	mg/l	0.83	3800	2.5	5300	2.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
Vinyl Chloride	mg/l	0.002	3.8	0.002	6.4	0.002	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Xylenes, Total	mg/l	10	10000	10	14000	10	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.002 U	<0.002 U
TPH C6-C12	mg/l	0.98	1800	2.9	2500	2.9	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.78 U	<4.67 U
TPH C12-C28	mg/l	0.98	7500	2.9	10000	2.9	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.78 U	<4.67 U
TPH C28-C35	mg/l	0.98	7500	2.9	10000	2.9	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.78 U	<4.67 U
Total TPH	mg/l	NE	NE	NE	NE	NE	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.78 U	<4.67 U
Naphthalene	mg/l	0.49	320	1.5	440	1.5	<0.00109 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Bis (2-Ethylhexyl) Phthalate	mg/l	0.006	NE	0.006	NE	0.006	<0.00327 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.0051 U	<0.005 U
Diethyl Phthalate	mg/l	20	NE	58	NE	58	<0.00327 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.0051 U	<0.005 U
2,4-Dimethylphenol	mg/l	0.49	NE	1.5	NE	1.5	<0.0109 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.0051 UJ	<0.005 U
Benzo(A)Anthracene	mg/l	0.0091	3000	0.02	5000	0.02	<0.00109 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.0051 U	<0.005 U
Benzo(A)Pyrene	mg/l	0.0002	29	0.0002	41	0.0002	<0.00109 U	<0.001 U	<0.002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0051 U	<0.005 U
Phenol	mg/l	7.3	160000	22	220000	22	0.00111 J	0.00208 J	0.00524	<0.01 U	<0.01 U	<0.01 U	<0.0102 UJ	<0.01 U

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
NE= Not Established
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)
B= Compound detected in blank as well as sample
R= Rejected value

TABLE E.2
GROUNDWATER PCLS AND DATA SUMMARY
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

		Residential Action Level (Assessment Level)		Remedy Evaluation			MW-05							
	Units	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$ (0.5-acre)	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$	Critical Tier 1 PCL	07/31/2019	11/05/2019	2/10/2020	7/27/2020	10/21/2020	1/20/2021	5/4/2021	9/16/2021
Arsenic	mg/l	0.01	NE	0.01	NE	0.01	0.13	0.0306	0.0368	1.91	1.52	0.0642	0.0328	0.258
Barium	mg/l	2	NE	2	NE	2	0.157	0.136	0.163	2.02	0.598	0.18	0.132	0.183
Cadmium	mg/l	0.005	NE	0.005	NE	0.005	<0.002 U	<0.002 U	<0.002 U	0.00058 J	<0.002 U	<0.002 U	<0.005 U	0.00331 J
Chromium	mg/l	0.1	NE	0.1	NE	0.1	<0.01 U	0.00407 J	0.00159 J	0.0551	0.00681 J	0.0825	0.00499 U	0.00139 J B
Lead	mg/l	0.015	NE	0.015	NE	0.015	<0.005 U	<0.005 U	<0.005 U	0.041	<0.006 U	<0.006 U	0.00380 J	<0.01 U
Selenium	mg/l	0.05	NE	0.05	NE	0.05	<0.01 U	<0.01 U	0.0119	0.0183	<0.01 U	<0.01 U	<0.03 U	<0.03 U
Silver	mg/l	0.12	NE	0.37	NE	0.37	<0.005 U	<0.005 U	<0.005 U	0.0026 J	<0.005 U	<0.005 U	<0.02 U	<0.02 U
Mercury	mg/l	0.002	7.3	0.002	10	0.002	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U
Acetone	mg/l	22	1,000,000	66	1,000,000	66	<0.05 U	<0.05 U	<0.05 U	<0.05 U	0.0142 J	<0.05 U	<0.01 U	<0.01 U
Benzene	mg/l	0.005	180	0.005	300	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Bromodichloromethane	mg/l	0.08	NE	0.08	NE	0.08	<0.001 U	<0.001 U	<0.001 U	0.000146 J	<0.001 U	<0.001 U	<0.001 U	<0.001 U
n-Butylbenzene	mg/l	1.2	NE	3.7	NE	3.7	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
sec-Butylbenene	mg/l	0.98	NE	2.9	NE	2.9	<0.001 U	0.000368 J	<0.001 U	0.000254 J	<0.001 U	0.000538 J	<0.002 U	<0.002 U
tert-Butylbenzene	mg/l	0.98	NE	2.9	NE	2.9	0.000461 J	0.00126	<0.001 U	0.000475 J-	0.000476 J	0.00188	0.00105 J	<0.002 U
Chloroethane	mg/l	9.8	120,000	29	160000	29	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Chloroform	mg/l	0.08	20	0.08	33	0.08	0.00218 J	0.00067 J	<0.005 U	0.000686 J	0.000988 J	0.000551 J	0.000738 J	0.000928 J
2-Chlorotoluene	mg/l	0.49	24,000	1.5	33000	1.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1-Dichloroethane	mg/l	4.9	43,000	15	60,000	15	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,2-Dichloroethane	mg/l	0.005	250	0.005	420	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1-Dichloroethene	mg/l	0.007	1,700	0.007	2,300	0.007	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
cis-1,2-Dichloroethene	mg/l	0.07	1,200	0.07	1,700	0.07	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
trans-1,2-Dichloroethene	mg/l	0.1	770	0.1	1,100	0.1	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Ethylbenzene	mg/l	0.7	30,000	0.7	42,000	0.7	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Isopropylbenzene	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	0.000139 J	<0.005 U	<0.005 U
Dichloro-difluoromethane	mg/l	4.9	NE	15	84	15	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
NE= Not Established
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)
B= Compound detected in blank as well as sample
R= Rejected value

		Residential Action Level (Assessment Level)		Remedy Evaluation			MW-05							
	Units	TRRP Tier 1 $^{Gw}Gw_{ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$ (0.5-acre)	TRRP Tier 1 $^{Gw}Gw_{ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$	Critical Tier 1 PCL	07/31/2019	11/05/2019	2/10/2020	7/27/2020	10/21/2020	1/20/2021	5/4/2021	9/16/2021
P-Isopropyltoluene	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Methylene Chloride	mg/l	0.005	21000	0.005	36000	0.005	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.01 U	<0.01 U
Methyl tert-butyl ether	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
2-Nitrophenol	mg/l	0.049	NE	0.15	NE	0.15	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.005 UJ	<0.005 U
Fluoranthene	mg/l	0.98	NE	2.9	NE	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Hexachlorocyclopentadiene	mg/l	0.05	5.4	0.05	7.6	0.05	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.005 U	<0.005 U
Phenanthrene	mg/l	0.73	NE	2.2	NE	2.2	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	0.000133 J	<0.005 U	<0.005 U
Pyrene	mg/l	0.73	NE	2.2	NE	2.2	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
n-Propylbenzene	mg/l	0.98	6000	2.9	8500	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 UJ	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Tetrachloroethene (PCE)	mg/l	0.005	500	0.005	840	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Toluene	mg/l	1	64000	1	89000	1	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1,2-Trichloroethane	mg/l	0.005	80	0.005	130	0.005	<0.001 U	<0.001 U	<0.001 U	0.000355 J	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Trichloroethene (TCE)	mg/l	0.005	24	0.005	33	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,2,4-Trimethylbenzene	mg/l	0.83	4900	2.5	6800	2.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
1,2,3-Trimethylbenzene	mg/l	0.83	5600	2.5	7900	2.5	<0.001 U	<0.001 U	0.00159	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
1,3,5-Trimethylbenzene	mg/l	0.83	3800	2.5	5300	2.5	<0.001 U	<0.001 U	<0.001 U	<0.001 UJ	<0.001 U	<0.001 U	<0.002 U	<0.002 U
Vinyl Chloride	mg/l	0.002	3.8	0.002	6.4	0.002	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Xylenes, Total	mg/l	10	10000	10	14000	10	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.002 U	<0.002 U
TPH C6-C12	mg/l	0.98	1800	2.9	2500	2.9	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.63 U	<4.66 U
TPH C12-C28	mg/l	0.98	7500	2.9	10000	2.9	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.63 U	<4.66 U
TPH C28-C35	mg/l	0.98	7500	2.9	10000	2.9	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.63 U	<4.66 U
Total TPH	mg/l	NE	NE	NE	NE	NE	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.63 U	<4.66 U
Naphthalene	mg/l	0.49	320	1.5	440	1.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Bis (2-Ethylhexyl) Phthalate	mg/l	0.006	NE	0.006	NE	0.006	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.005 U	<0.005 U
Diethyl Phthalate	mg/l	20	NE	58	NE	58	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.005 U	<0.005 U
2,4-Dimethylphenol	mg/l	0.49	NE	1.5	NE	1.5	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.005 UJ	<0.005 U
Benzo(A)Anthracene	mg/l	0.0091	3000	0.02	5000	0.02	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Benzo(A)Pyrene	mg/l	0.0002	29	0.0002	41	0.0002	<0.001 U	<0.001 U	<0.002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.005 U	<0.005 U
Phenol	mg/l	7.3	160000	22	220000	22	0.000851 J	<0.01 U	0.001 J	<0.01 U	<0.01 U	<0.01 U	<0.01 UJ	<0.01 U

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
NE= Not Established
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)
B= Compound detected in blank as well as sample
R= Rejected value

TABLE E.2
GROUNDWATER PCLS AND DATA SUMMARY
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

		Residential Action Level (Assessment Level)		Remedy Evaluation			MW-06							
	Units	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$ (0.5-acre)	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$	Critical Tier 1 PCL	07/31/2019	11/05/2019	2/10/2020	7/27/2020	10/20/2020	1/20/2021	5/5/2021	9/16/2021
Arsenic	mg/l	0.01	NE	0.01	NE	0.01	0.00752 J	0.0186	0.0303	0.023	0.0334	0.047	0.0534	0.0329
Barium	mg/l	2	NE	2	NE	2	0.343	0.34	0.359	0.697	0.461	0.682	0.334	0.519
Cadmium	mg/l	0.005	NE	0.005	NE	0.005	<0.002 U	<0.002 U	<0.002 U	<0.002 U	<0.002 U	<0.002 U	<0.005 U	<0.005 U
Chromium	mg/l	0.1	NE	0.1	NE	0.1	0.00316 J	0.00156 J	<0.01 U	0.0192	0.00386 J	0.0149	0.00164 U	0.019 B
Lead	mg/l	0.015	NE	0.015	NE	0.015	<0.005 U	<0.005 U	<0.005 U	0.0108	<0.006 U	0.00344 J	<0.01 U	0.0147
Selenium	mg/l	0.05	NE	0.05	NE	0.05	<0.01 U	<0.01 U	<0.01 U	<0.01 U	0.0136	<0.01 U	<0.03 U	<0.03 U
Silver	mg/l	0.12	NE	0.37	NE	0.37	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	0.00718	<0.02 U	<0.02 U
Mercury	mg/l	0.002	7.3	0.002	10	0.002	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U
Acetone	mg/l	22	1,000,000	66	1,000,000	66	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.01 U	<0.01 U
Benzene	mg/l	0.005	180	0.005	300	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Bromodichloromethane	mg/l	0.08	NE	0.08	NE	0.08	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
n-Butylbenzene	mg/l	1.2	NE	3.7	NE	3.7	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
sec-Butylbenene	mg/l	0.98	NE	2.9	NE	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
tert-Butylbenzene	mg/l	0.98	NE	2.9	NE	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 UJ	<0.001 U	<0.001 U	<0.002 U	<0.002 U
Chloroethane	mg/l	9.8	120,000	29	160000	29	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Chloroform	mg/l	0.08	20	0.08	33	0.08	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.001 U	<0.001 U
2-Chlorotoluene	mg/l	0.49	24,000	1.5	33000	1.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1-Dichloroethane	mg/l	4.9	43,000	15	60,000	15	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,2-Dichloroethane	mg/l	0.005	250	0.005	420	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1-Dichloroethene	mg/l	0.007	1,700	0.007	2,300	0.007	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
cis-1,2-Dichloroethene	mg/l	0.07	1,200	0.07	1,700	0.07	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
trans-1,2-Dichloroethene	mg/l	0.1	770	0.1	1,100	0.1	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Ethylbenzene	mg/l	0.7	30,000	0.7	42,000	0.7	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Isopropylbenzene	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Dichloro-difluoromethane	mg/l	4.9	NE	15	84	15	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
NE= Not Established
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)
B= Compound detected in blank as well as sample
R= Rejected value

		Residential Action Level (Assessment Level)		Remedy Evaluation			MW-06							
	Units	TRRP Tier 1 $^{Gw}Gw_{ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$ (0.5-acre)	TRRP Tier 1 $^{Gw}Gw_{ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$	Critical Tier 1 PCL	07/31/2019	11/05/2019	2/10/2020	7/27/2020	10/20/2020	1/20/2021	5/5/2021	9/16/2021
P-Isopropyltoluene	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Methylene Chloride	mg/l	0.005	21000	0.005	36000	0.005	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.01 U	<0.01 U
Methyl tert-butyl ether	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
2-Nitrophenol	mg/l	0.049	NE	0.15	NE	0.15	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	R	<0.005 U
Fluoranthene	mg/l	0.98	NE	2.9	NE	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Hexachlorocyclopentadiene	mg/l	0.05	5.4	0.05	7.6	0.05	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.005 U	<0.005 U
Phenanthrene	mg/l	0.73	NE	2.2	NE	2.2	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Pyrene	mg/l	0.73	NE	2.2	NE	2.2	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
n-Propylbenzene	mg/l	0.98	6000	2.9	8500	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 UJ	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Tetrachloroethene (PCE)	mg/l	0.005	500	0.005	840	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Toluene	mg/l	1	64000	1	89000	1	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1,2-Trichloroethane	mg/l	0.005	80	0.005	130	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Trichloroethene (TCE)	mg/l	0.005	24	0.005	33	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,2,4-Trimethylbenzene	mg/l	0.83	4900	2.5	6800	2.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
1,2,3-Trimethylbenzene	mg/l	0.83	5600	2.5	7900	2.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
1,3,5-Trimethylbenzene	mg/l	0.83	3800	2.5	5300	2.5	<0.001 U	<0.001 U	<0.001 U	<0.001 UJ	<0.001 U	<0.001 U	<0.002 U	<0.002 U
Vinyl Chloride	mg/l	0.002	3.8	0.002	6.4	0.002	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Xylenes, Total	mg/l	10	10000	10	14000	10	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.002 U	<0.002 U
TPH C6-C12	mg/l	0.98	1800	2.9	2500	2.9	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.87 U	<4.67 U
TPH C12-C28	mg/l	0.98	7500	2.9	10000	2.9	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.87 U	<4.67 U
TPH C28-C35	mg/l	0.98	7500	2.9	10000	2.9	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.87 U	<4.67 U
Total TPH	mg/l	NE	NE	NE	NE	NE	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.87 U	<4.67 U
Naphthalene	mg/l	0.49	320	1.5	440	1.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Bis (2-Ethylhexyl) Phthalate	mg/l	0.006	NE	0.006	NE	0.006	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.005 U	<0.005 U
Diethyl Phthalate	mg/l	20	NE	58	NE	58	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.005 U	<0.005 U
2,4-Dimethylphenol	mg/l	0.49	NE	1.5	NE	1.5	<0.01 U	<0.01 U	<0.01 U	<0.01 U	0.00135 J	<0.01 U	R	<0.005 U
Benzo(A)Anthracene	mg/l	0.0091	3000	0.02	5000	0.02	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.001 U
Benzo(A)Pyrene	mg/l	0.0002	29	0.0002	41	0.0002	<0.001 U	<0.001 U	<0.002 U<	<0.0002 U	<0.0002 U	<0.0002 U	<0.005 U	<0.001 U
Phenol	mg/l	7.3	160000	22	220000	22	<0.01 U	0.00228 J	0.00202 J	0.00504 J	<0.01 U	<0.01 U	R	<0.01 U

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
NE= Not Established
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)
B= Compound detected in blank as well as sample
R= Rejected value

		Residential Action Level (Assessment Level)		Remedy Evaluation			MW-07							
	Units	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$ (0.5-acre)	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$	Critical Tier 1 PCL	08/01/2019	11/05/2019	2/10/2020	7/28/2020	10/20/2020	1/21/2021	5/4/2021	9/16/2021
Arsenic	mg/l	0.01	NE	0.01	NE	0.01	0.00738 J	<0.01 U	<0.01 U	<0.01 U	0.00555 J	<0.01 U	<0.01 U	<0.01 U
Barium	mg/l	2	NE	2	NE	2	0.624	0.277	0.141	0.221	0.252	0.229	0.301 J	0.336
Cadmium	mg/l	0.005	NE	0.005	NE	0.005	<0.002 U	<0.002 U	<0.002 U	<0.002 U	<0.002 U	0.000587 J	<0.005 U	<0.005 U
Chromium	mg/l	0.1	NE	0.1	NE	0.1	0.00502 J	0.00589 J	0.00341 J	0.0085 J	0.00649 J	0.0127	0.00841 U	0.00937 J B
Lead	mg/l	0.015	NE	0.015	NE	0.015	0.00199 J	<0.005 U	<0.005 U	0.00578 J	<0.006 U	0.00383 J	<0.01 U	<0.01 U
Selenium	mg/l	0.05	NE	0.05	NE	0.05	0.0112	0.0141	<0.01 U	<0.01 U	0.0148	0.0114	<0.03 U	<0.03 U
Silver	mg/l	0.12	NE	0.37	NE	0.37	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	0.00557	<0.02 U	<0.02 U
Mercury	mg/l	0.002	7.3	0.002	10	0.002	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	0.000031 J	<0.0002 U
Acetone	mg/l	22	1,000,000	66	1,000,000	66	<0.05 U	<0.05 U	<0.05 U	<0.05 U	0.0207 J	<0.05 U	<0.01 U	<0.01 U
Benzene	mg/l	0.005	180	0.005	300	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Bromodichloromethane	mg/l	0.08	NE	0.08	NE	0.08	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
n-Butylbenzene	mg/l	1.2	NE	3.7	NE	3.7	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
sec-Butylbenene	mg/l	0.98	NE	2.9	NE	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
tert-Butylbenzene	mg/l	0.98	NE	2.9	NE	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 UJ	<0.001 U	<0.001 U	<0.002 U	<0.002 U
Chloroethane	mg/l	9.8	120,000	29	160000	29	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Chloroform	mg/l	0.08	20	0.08	33	0.08	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.001 U	<0.001 U
2-Chlorotoluene	mg/l	0.49	24,000	1.5	33000	1.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1-Dichloroethane	mg/l	4.9	43,000	15	60,000	15	0.0143	0.0466	0.0614	0.03	0.016	0.0191	0.00904	0.0102
1,2-Dichloroethane	mg/l	0.005	250	0.005	420	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1-Dichloroethene	mg/l	0.007	1,700	0.007	2,300	0.007	0.00819	0.0155	0.0186	0.0078	0.00503	0.00622	0.00444	0.00639
cis-1,2-Dichloroethene	mg/l	0.07	1,200	0.07	1,700	0.07	0.00345	0.0141	0.0201	0.01	0.00493	0.00498	0.00195	0.00153
trans-1,2-Dichloroethene	mg/l	0.1	770	0.1	1,100	0.1	<0.001 U	<0.001 U	<0.001 U	0.000243 J	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Ethylbenzene	mg/l	0.7	30,000	0.7	42,000	0.7	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Isopropylbenzene	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Dichloro-difluoromethane	mg/l	4.9	NE	15	84	15	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
NE= Not Established
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)
B= Compound detected in blank as well as sample
R= Rejected value

		Residential Action Level (Assessment Level)		Remedy Evaluation			MW-07							
	Units	TRRP Tier 1 $^{Gw}Gw_{ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$ (0.5-acre)	TRRP Tier 1 $^{Gw}Gw_{ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$	Critical Tier 1 PCL	08/01/2019	11/05/2019	2/10/2020	7/28/2020	10/20/2020	1/21/2021	5/4/2021	9/16/2021
P-Isopropyltoluene	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Methylene Chloride	mg/l	0.005	21000	0.005	36000	0.005	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.01 U	<0.01 U
Methyl tert-butyl ether	mg/l	NE	NE	NE	NE	NE	<0.001 U	0.000434 J	<0.001 U	0.000429 J	<0.001 U	0.000165 J	<0.001 U	<0.001 U
2-Nitrophenol	mg/l	0.049	NE	0.15	NE	0.15	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.005 U	<0.005 U
Fluoranthene	mg/l	0.98	NE	2.9	NE	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Hexachlorocyclopentadiene	mg/l	0.05	5.4	0.05	7.6	0.05	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.005 U	<0.005 U
Phenanthrene	mg/l	0.73	NE	2.2	NE	2.2	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Pyrene	mg/l	0.73	NE	2.2	NE	2.2	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
n-Propylbenzene	mg/l	0.98	6000	2.9	8500	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Tetrachloroethene (PCE)	mg/l	0.005	500	0.005	840	0.005	0.00288	0.0111	0.0148	0.00438	0.00349	0.00393	0.00169	0.00187
Toluene	mg/l	1	64000	1	89000	1	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1,2-Trichloroethane	mg/l	0.005	80	0.005	130	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Trichloroethene (TCE)	mg/l	0.005	24	0.005	33	0.005	0.0013	0.00538 J	0.00703	0.00221	0.0017	0.00182	<0.001 U	<0.001 U
1,2,4-Trimethylbenzene	mg/l	0.83	4900	2.5	6800	2.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
1,2,3-Trimethylbenzene	mg/l	0.83	5600	2.5	7900	2.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
1,3,5-Trimethylbenzene	mg/l	0.83	3800	2.5	5300	2.5	<0.001 U	<0.001 U	<0.001 U	<0.001 UJ	<0.001 U	<0.001 U	<0.002 U	<0.002 U
Vinyl Chloride	mg/l	0.002	3.8	0.002	6.4	0.002	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Xylenes, Total	mg/l	10	10000	10	14000	10	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.002 U	<0.002 U
TPH C6-C12	mg/l	0.98	1800	2.9	2500	2.9	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.82 U	<4.69 U
TPH C12-C28	mg/l	0.98	7500	2.9	10000	2.9	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	1.62 J	<4.69 U
TPH C28-C35	mg/l	0.98	7500	2.9	10000	2.9	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	1.20 J	<4.69 U
Total TPH	mg/l	NE	NE	NE	NE	NE	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	2.82 J	<4.69 U
Naphthalene	mg/l	0.49	320	1.5	440	1.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001	<0.001 U	<0.005 U	<0.005 U
Bis (2-Ethylhexyl) Phthalate	mg/l	0.006	NE	0.006	NE	0.006	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.005 U	<0.005 U
Diethyl Phthalate	mg/l	20	NE	58	NE	58	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.005 U	<0.005 U
2,4-Dimethylphenol	mg/l	0.49	NE	1.5	NE	1.5	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.005 U	<0.005 U
Benzo(A)Anthracene	mg/l	0.0091	3000	0.02	5000	0.02	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Benzo(A)Pyrene	mg/l	0.0002	29	0.0002	41	0.0002	<0.001 U	<0.001 U	<0.002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.005 U	<0.005 U
Phenol	mg/l	7.3	160000	22	220000	22	0.00159 J	0.00177 J	0.00271 J	<0.01 U	0.00676 J	<0.01 U	<0.01 U	<0.01 U

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
NE= Not Established
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)
B= Compound detected in blank as well as sample
R= Rejected value

		Residential Action Level (Assessment Level)		Remedy Evaluation			MW-08							
	Units	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$ (0.5-acre)	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$	Critical Tier 1 PCL	10/10/2019	11/05/2019	2/10/2020	7/27/2020	10/21/2020	1/20/2021	5/5/2021	9/16/2021
Arsenic	mg/l	0.01	NE	0.01	NE	0.01	<0.01 U	<0.01 U	<0.01 U	0.017	0.0117	<0.01 U	<0.01 U	0.016
Barium	mg/l	2	NE	2	NE	2	0.744	0.77	0.83	7.69	0.366	0.547	0.286	0.896
Cadmium	mg/l	0.005	NE	0.005	NE	0.005	<0.002 U	<0.002 U	<0.002 U	<0.002 U	<0.002 U	<0.002 U	<0.005 U	<0.005 U
Chromium	mg/l	0.1	NE	0.1	NE	0.1	0.0332	0.00195 J	0.00163 J	0.146	0.00355 J	0.00687 J	<0.01 U	0.0259 B
Lead	mg/l	0.015	NE	0.015	NE	0.015	<0.005 U	0.0036 J	<0.005 U	0.116	<0.006 U	<0.006 U	<0.01 U	0.0162
Selenium	mg/l	0.05	NE	0.05	NE	0.05	<0.01 U	<0.01 U	<0.01 U	0.0199	0.0122	<0.01 U	<0.03 U	<0.03 U
Silver	mg/l	0.12	NE	0.37	NE	0.37	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.02 U	<0.02 U
Mercury	mg/l	0.002	7.3	0.002	10	0.002	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U
Acetone	mg/l	22	1,000,000	66	1,000,000	66	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.01 U	<0.01 U
Benzene	mg/l	0.005	180	0.005	300	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Bromodichloromethane	mg/l	0.08	NE	0.08	NE	0.08	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
n-Butylbenzene	mg/l	1.2	NE	3.7	NE	3.7	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
sec-Butylbenene	mg/l	0.98	NE	2.9	NE	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
tert-Butylbenzene	mg/l	0.98	NE	2.9	NE	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 UJ	<0.001 U	<0.001 U	<0.002 U	<0.002 U
Chloroethane	mg/l	9.8	120,000	29	160000	29	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Chloroform	mg/l	0.08	20	0.08	33	0.08	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.001 U	<0.001 U
2-Chlorotoluene	mg/l	0.49	24,000	1.5	33000	1.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1-Dichloroethane	mg/l	4.9	43,000	15	60,000	15	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,2-Dichloroethane	mg/l	0.005	250	0.005	420	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1-Dichloroethene	mg/l	0.007	1,700	0.007	2,300	0.007	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
cis-1,2-Dichloroethene	mg/l	0.07	1,200	0.07	1,700	0.07	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
trans-1,2-Dichloroethene	mg/l	0.1	770	0.1	1,100	0.1	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Ethylbenzene	mg/l	0.7	30,000	0.7	42,000	0.7	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Isopropylbenzene	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Dichloro-difluoromethane	mg/l	4.9	NE	15	84	15	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
NE= Not Established
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)
B= Compound detected in blank as well as sample
R= Rejected value

		Residential Action Level (Assessment Level)		Remedy Evaluation			MW-08							
	Units	TRRP Tier 1 $^{Gw}Gw_{ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$ (0.5-acre)	TRRP Tier 1 $^{Gw}Gw_{ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$	Critical Tier 1 PCL	10/10/2019	11/05/2019	2/10/2020	7/27/2020	10/21/2020	1/20/2021	5/5/2021	9/16/2021
P-Isopropyltoluene	mg/l	NE	NE	NE	NE	NE	0.00106	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Methylene Chloride	mg/l	0.005	21000	0.005	36000	0.005	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.01 U	<0.01 U
Methyl tert-butyl ether	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
2-Nitrophenol	mg/l	0.049	NE	0.15	NE	0.15	<0.0105 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	R	<0.005 U
Fluoranthene	mg/l	0.98	NE	2.9	NE	2.9	<0.00105 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Hexachlorocyclopentadiene	mg/l	0.05	5.4	0.05	7.6	0.05	<0.0105 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.005 U	<0.005 U
Phenanthrene	mg/l	0.73	NE	2.2	NE	2.2	<0.00105 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Pyrene	mg/l	0.73	NE	2.2	NE	2.2	<0.00105 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
n-Propylbenzene	mg/l	0.98	6000	2.9	8500	2.9	<0.001 U	<0.001 U	<0.001 U	<0.001 UJ	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Tetrachloroethene (PCE)	mg/l	0.005	500	0.005	840	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Toluene	mg/l	1	64000	1	89000	1	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1,2-Trichloroethane	mg/l	0.005	80	0.005	130	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Trichloroethene (TCE)	mg/l	0.005	24	0.005	33	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,2,4-Trimethylbenzene	mg/l	0.83	4900	2.5	6800	2.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
1,2,3-Trimethylbenzene	mg/l	0.83	5600	2.5	7900	2.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
1,3,5-Trimethylbenzene	mg/l	0.83	3800	2.5	5300	2.5	<0.001 U	<0.001 U	<0.001 U	<0.001 UJ	<0.001 U	<0.001 U	<0.002 U	<0.002 U
Vinyl Chloride	mg/l	0.002	3.8	0.002	6.4	0.002	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Xylenes, Total	mg/l	10	10000	10	14000	10	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.002 U	<0.002 U
TPH C6-C12	mg/l	0.98	1800	2.9	2500	2.9	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.66 U	<4.66 U
TPH C12-C28	mg/l	0.98	7500	2.9	10000	2.9	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.66 U	<4.66 U
TPH C28-C35	mg/l	0.98	7500	2.9	10000	2.9	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.66 U	<4.66 U
Total TPH	mg/l	NE	NE	NE	NE	NE	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<0.9 U	<4.66 U	<4.66 U
Naphthalene	mg/l	0.49	320	1.5	440	1.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Bis (2-Ethylhexyl) Phthalate	mg/l	0.006	NE	0.006	NE	0.006	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.005 U	<0.005 U
Diethyl Phthalate	mg/l	20	NE	58	NE	58	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.003 U	<0.005 U	<0.005 U
2,4-Dimethylphenol	mg/l	0.49	NE	1.5	NE	1.5	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	R	<0.005 U
Benzo(A)Anthracene	mg/l	0.0091	3000	0.02	5000	0.02	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Benzo(A)Pyrene	mg/l	0.0002	29	0.0002	41	0.0002	<0.001 U	<0.001 U	<0.002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.005 U	<0.005 U
Phenol	mg/l	7.3	160000	22	220000	22	0.00367 J	0.00345 J	0.00298 J	<0.01 U	<0.01 U	<0.01 U	R	<0.01 U

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
NE= Not Established
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)
B= Compound detected in blank as well as sample
R= Rejected value

TABLE E.2
GROUNDWATER PCLS AND DATA SUMMARY
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

		Residential Action Level (Assessment Level)		Remedy Evaluation			MW-09					MW-10				
	Units	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$ (0.5-acre)	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$	Critical Tier 1 PCL	7/28/2020	10/20/2020	1/21/2021	5/4/2021	9/16/2021	7/27/2020	10/20/2020	1/20/2021	5/4/2021	9/16/2021
Arsenic	mg/l	0.01	NE	0.01	NE	0.01	0.01 J	0.00587 J	0.0127	<0.01 U	0.00891 J	0.0176	<0.01 U	<0.01 U	<0.01 U	<0.01 U
Barium	mg/l	2	NE	2	NE	2	1.13	0.912	1.08	0.763	0.654	1.97	2.96	0.789	0.723	0.724
Cadmium	mg/l	0.005	NE	0.005	NE	0.005	<0.002 U	<0.002 U	<0.002 U	<0.005 U	<0.005 U	<0.002 U	0.00164 J	<0.002 U	<0.005 U	<0.005 U
Chromium	mg/l	0.1	NE	0.1	NE	0.1	0.0491	0.00273 J	0.0125	<0.01 U	<0.01 U	0.0807	0.00978 J	0.0068 J	<0.01 U	<0.01 U
Lead	mg/l	0.015	NE	0.015	NE	0.015	0.0314	<0.006 U	<0.006 U	<0.01 U	<0.01 U	0.0593	0.014	0.00413 J	<0.01 U	<0.01 U
Selenium	mg/l	0.05	NE	0.05	NE	0.05	0.0153	0.0135	0.0142	<0.03 U	<0.03 U	0.0139	0.0245	<0.01 U	<0.03 U	<0.03 U
Silver	mg/l	0.12	NE	0.37	NE	0.37	<0.005 U	<0.005 U	0.00313 J	<0.02 U	<0.02 U	<0.005 U	<0.005 U	<0.005 U	<0.02 U	<0.02 U
Mercury	mg/l	0.002	7.3	0.002	10	0.002	<0.0002 U	<0.0002 U	<0.0002 UJ	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.0002 U
Acetone	mg/l	22	1,000,000	66	1,000,000	66	<0.25 U	<0.25 U	<0.25 U	<0.01 U	<0.01 U	<0.05 U	0.0194 J	<0.05 U	<0.01 U	<0.01 U
Benzene	mg/l	0.005	180	0.005	300	0.005	0.0034 J	0.00385 J	0.00433 J	0.00259	0.00278	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Bromodichloromethane	mg/l	0.08	NE	0.08	NE	0.08	<0.005 U	<0.005 U	<0.005 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
n-Butylbenzene	mg/l	1.2	NE	3.7	NE	3.7	0.00528	0.00682	0.00384 J	0.00547	0.00371	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
sec-Butylbenene	mg/l	0.98	NE	2.9	NE	2.9	0.00348 J	0.00423 J	0.00322 J	0.00276	0.00305	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
tert-Butylbenzene	mg/l	0.98	NE	2.9	NE	2.9	<0.005 U	<0.005 U	<0.005 U	<0.002 U	<0.002 U	<0.001 UJ	<0.001 U	<0.001 U	<0.002 U	<0.002 U
Chloroethane	mg/l	9.8	120,000	29	160000	29	0.00462 J	<0.025 U	0.0241 J	0.00769	0.0229	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Chloroform	mg/l	0.08	20	0.08	33	0.08	<0.025 U	<0.025 U	<0.025 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U	<0.005 U	<0.001 U	<0.001 U
2-Chlorotoluene	mg/l	0.49	24,000	1.5	33000	1.5	0.00125 J	<0.005 U	<0.005 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1-Dichloroethane	mg/l	4.9	43,000	15	60,000	15	0.0775	0.0639	0.0518	0.104	0.107	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,2-Dichloroethane	mg/l	0.005	250	0.005	420	0.005	0.00247 J	<0.005 U	<0.005 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1-Dichloroethene	mg/l	0.007	1,700	0.007	2,300	0.007	0.00868	0.00256 J	0.00289 J	0.00637	0.0049	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
cis-1,2-Dichloroethene	mg/l	0.07	1,200	0.07	1,700	0.07	<0.005 U	<0.005 U	<0.005 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
trans-1,2-Dichloroethene	mg/l	0.1	770	0.1	1,100	0.1	<0.005 U	<0.005 U	<0.005 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Ethylbenzene	mg/l	0.7	30,000	0.7	42,000	0.7	0.00185 J	<0.005 U	0.000813 J	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Isopropylbenzene	mg/l	NE	NE	NE	NE	NE	0.00106 J	0.00337 J	0.00111 J	0.000924 J	0.000852 J	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Dichloro-difluoromethane	mg/l	4.9	NE	15	84	15	<0.025 U	<0.025 U	<0.025 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U	0.00723	0.012

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
NE= Not Established
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)
B= Compound detected in blank as well as sample
R= Rejected value

		Residential Action Level (Assessment Level)		Remedy Evaluation			MW-09					MW-10				
	Units	TRRP Tier 1 $^{Gw}Gw_{ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$ (0.5-acre)	TRRP Tier 1 $^{Gw}Gw_{ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$	Critical Tier 1 PCL	7/28/2020	10/20/2020	1/21/2021	5/4/2021	9/16/2021	7/27/2020	10/20/2020	1/20/2021	5/4/2021	9/16/2021
P-Isopropyltoluene	mg/l	NE	NE	NE	NE	NE	0.00701	0.0099	0.00546	<0.001 U	0.000951 J	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Methylene Chloride	mg/l	0.005	21000	0.005	36000	0.005	0.00526 J	0.00239 J	0.00317 J	0.00200 J	0.00292 J	<0.005 U	<0.005 U	<0.005 U	<0.01 U	<0.01 U
Methyl tert-butyl ether	mg/l	NE	NE	NE	NE	NE	0.00347 J	0.00418 J	0.00387 J	0.00192	0.00242	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
2-Nitrophenol	mg/l	0.049	NE	0.15	NE	0.15	<0.01 U	<0.01 U	<0.01 U	<0.005 U	<0.005 U	<0.01 U	0.000256 J	<0.01 U	<0.00532 U	<0.005 U
Fluoranthene	mg/l	0.98	NE	2.9	NE	2.9	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U	<0.001 U	<0.001 U	0.000195 J	<0.00532 U	<0.005 U
Hexachlorocyclopentadiene	mg/l	0.05	5.4	0.05	7.6	0.05	<0.01 U	<0.01 U	<0.01 U	<0.005 U	<0.005 U	<0.01 U	<0.01 U	7.3e-05 J	<0.00532 U	<0.005 U
Phenanthrene	mg/l	0.73	NE	2.2	NE	2.2	<0.001 U	<0.001 U	0.000314 J	<0.005 U	<0.005 U	<0.001 U	<0.001 U	0.000253 J	<0.00532 U	<0.005 U
Pyrene	mg/l	0.73	NE	2.2	NE	2.2	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U	<0.001 U	<0.001 U	0.000192 J	<0.00532 U	<0.005 U
n-Propylbenzene	mg/l	0.98	6000	2.9	8500	2.9	0.00274 J	0.00249 J	0.00229 J	<0.001 U	0.001	<0.001 UJ	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Tetrachloroethene (PCE)	mg/l	0.005	500	0.005	840	0.005	<0.005 U	<0.005 U	<0.005 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Toluene	mg/l	1	64000	1	89000	1	0.00621	<0.005 U	0.00241 J	<0.001 U	0.00105	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1,2-Trichloroethane	mg/l	0.005	80	0.005	130	0.005	<0.005 U	<0.005 U	<0.005 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Trichloroethene (TCE)	mg/l	0.005	24	0.005	33	0.005	<0.005 U	<0.005 U	<0.005 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,2,4-Trimethylbenzene	mg/l	0.83	4900	2.5	6800	2.5	0.0374	0.0467	0.0351	0.00505	0.011	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
1,2,3-Trimethylbenzene	mg/l	0.83	5600	2.5	7900	2.5	0.0399	0.0577	0.0491 J	0.0378	0.0326	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
1,3,5-Trimethylbenzene	mg/l	0.83	3800	2.5	5300	2.5	0.0112	0.0143	0.0116	0.00280	0.00348	<0.001 UJ	<0.001 U	<0.001 U	<0.002 U	<0.002 U
Vinyl Chloride	mg/l	0.002	3.8	0.002	6.4	0.002	0.00487 J	<0.005 U	0.00554	0.00521	0.00617	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Xylenes, Total	mg/l	10	10000	10	14000	10	0.0114 J	0.0105 J	0.00846 J	0.00178 J	0.00162 J	<0.003 U	<0.003 U	<0.003 U	<0.002 U	<0.002 U
TPH C6-C12	mg/l	0.98	1800	2.9	2500	2.9	13.2	5.98	12 J	3.72 J	3.23 J	<0.9 U	<0.9 U	<0.9 U	<4.81 U	<4.64 U
TPH C12-C28	mg/l	0.98	7500	2.9	10000	2.9	1.47	1.56	2.63 J	1.20 J	1.25 J	<0.9 U	<0.9 U	<0.9 U	0.908 J	<4.64 U
TPH C28-C35	mg/l	0.98	7500	2.9	10000	2.9	1.54	1.26	1.98 J	<4.66 U	<4.69 U	<0.9 U	<0.9 U	<0.9 U	<4.81 U	<4.64 U
Total TPH	mg/l	NE	NE	NE	NE	NE	16.2	8.8	16.6 J	4.92	4.48 J	<0.9 U	<0.9 U	<0.9 U	0.908 J	<4.64 U
Naphthalene	mg/l	0.49	320	1.5	440	1.5	0.00156	0.00283	0.00381	0.00323 J	0.00245 J	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Bis (2-Ethylhexyl) Phthalate	mg/l	0.006	NE	0.006	NE	0.006	<0.003 U	<0.003 U	0.00448	<0.005 U	0.00216 J	<0.003 U	<0.003 U	<0.003 U	<0.00532 U	<0.005 U
Diethyl Phthalate	mg/l	20	NE	58	NE	58	0.000652 J	0.000755 J	0.000775 J	<0.005 U	<0.005 U	<0.003 U	<0.003 U	<0.003 U	<0.00532 U	<0.005 U
2,4-Dimethylphenol	mg/l	0.49	NE	1.5	NE	1.5	<0.01 U	<0.01 U	<0.01 U	<0.005 U	<0.005 U	<0.01 U	<0.01 U	<0.01 U	<0.00532 U	<0.005 U
Benzo(A)Anthracene	mg/l	0.0091	3000	0.02	5000	0.02	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U	<0.001 U	<0.001 U	<0.001 U	<0.00532 U	<0.005 U
Benzo(A)Pyrene	mg/l	0.0002	29	0.0002	41	0.0002	<0.0002 U	<0.0002 U	<0.0002 U	<0.005 U	<0.005 U	<0.0002 U	<0.0002 U	<0.0002 U	<0.00532 U	<0.005 U
Phenol	mg/l	7.3	160000	22	220000	22	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.0106 U	<0.01 U

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
NE= Not Established
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)
B= Compound detected in blank as well as sample
R= Rejected value

		Residential Action Level (Assessment Level)		Remedy Evaluation			MW-11				
	Units	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$ (0.5-acre)	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$	Critical Tier 1 PCL	7/28/2020	10/20/2020	1/21/2021	5/4/2021	9/16/2021
Arsenic	mg/l	0.01	NE	0.01	NE	0.01	0.00626 J	<0.01 U	<0.01 U	<0.01 U	<0.01 U
Barium	mg/l	2	NE	2	NE	2	1.07	0.853	0.71	0.552	0.583
Cadmium	mg/l	0.005	NE	0.005	NE	0.005	<0.002 U	<0.002 U	0.00049 J	<0.005 U	<0.005 U
Chromium	mg/l	0.1	NE	0.1	NE	0.1	0.0288	0.00763 J	0.0072 J	<0.01 U	0.00912 J B
Lead	mg/l	0.015	NE	0.015	NE	0.015	0.0217	0.00422 J	<0.006 U	<0.01 U	0.00413 J
Selenium	mg/l	0.05	NE	0.05	NE	0.05	0.0136	0.0124	0.0189	<0.03 U	<0.03 U
Silver	mg/l	0.12	NE	0.37	NE	0.37	<0.005 U	<0.005 U	0.00801	<0.02 U	<0.02 U
Mercury	mg/l	0.002	7.3	0.002	10	0.002	<0.0002 U	<0.0002 U	<0.0002 UJ	<0.0002 U	<0.0002 U
Acetone	mg/l	22	1,000,000	66	1,000,000	66	<0.05 U	<0.05 U	<0.05 U	<0.01 U	<0.01 U
Benzene	mg/l	0.005	180	0.005	300	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Bromodichloromethane	mg/l	0.08	NE	0.08	NE	0.08	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
n-Butylbenzene	mg/l	1.2	NE	3.7	NE	3.7	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
sec-Butylbenene	mg/l	0.98	NE	2.9	NE	2.9	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
tert-Butylbenzene	mg/l	0.98	NE	2.9	NE	2.9	<0.001 UJ	<0.001 U	<0.001 U	<0.002 U	<0.002 U
Chloroethane	mg/l	9.8	120,000	29	160000	29	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Chloroform	mg/l	0.08	20	0.08	33	0.08	<0.005 U	<0.005 U	<0.005 U	<0.001 U	<0.001 U
2-Chlorotoluene	mg/l	0.49	24,000	1.5	33000	1.5	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1-Dichloroethane	mg/l	4.9	43,000	15	60,000	15	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,2-Dichloroethane	mg/l	0.005	250	0.005	420	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1-Dichloroethene	mg/l	0.007	1,700	0.007	2,300	0.007	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
cis-1,2-Dichloroethene	mg/l	0.07	1,200	0.07	1,700	0.07	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
trans-1,2-Dichloroethene	mg/l	0.1	770	0.1	1,100	0.1	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Ethylbenzene	mg/l	0.7	30,000	0.7	42,000	0.7	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Isopropylbenzene	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Dichloro-difluoromethane	mg/l	4.9	NE	15	84	15	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
NE= Not Established
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)
B= Compound detected in blank as well as sample
R= Rejected value

		Residential Action Level (Assessment Level)		Remedy Evaluation			MW-11				
	Units	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$ (0.5-acre)	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$	Critical Tier 1 PCL	7/28/2020	10/20/2020	1/21/2021	5/4/2021	9/16/2021
P-Isopropyltoluene	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Methylene Chloride	mg/l	0.005	21000	0.005	36000	0.005	<0.005 U	<0.005 U	<0.005 U	<0.01 U	<0.01 U
Methyl tert-butyl ether	mg/l	NE	NE	NE	NE	NE	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
2-Nitrophenol	mg/l	0.049	NE	0.15	NE	0.15	<0.01 U	0.00039 J	<0.01 U	<0.005 UJ	<0.005 U
Fluoranthene	mg/l	0.98	NE	2.9	NE	2.9	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Hexachlorocyclopentadiene	mg/l	0.05	5.4	0.05	7.6	0.05	<0.01 U	<0.01 U	<0.01 U	<0.005 U	<0.005 U
Phenanthrene	mg/l	0.73	NE	2.2	NE	2.2	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Pyrene	mg/l	0.73	NE	2.2	NE	2.2	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
n-Propylbenzene	mg/l	0.98	6000	2.9	8500	2.9	<0.001 UJ	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Tetrachloroethene (PCE)	mg/l	0.005	500	0.005	840	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Toluene	mg/l	1	64000	1	89000	1	0.000309 J	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,1,2-Trichloroethane	mg/l	0.005	80	0.005	130	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Trichloroethene (TCE)	mg/l	0.005	24	0.005	33	0.005	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
1,2,4-Trimethylbenzene	mg/l	0.83	4900	2.5	6800	2.5	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
1,2,3-Trimethylbenzene	mg/l	0.83	5600	2.5	7900	2.5	<0.001 U	<0.001 U	<0.001 U	<0.002 U	<0.002 U
1,3,5-Trimethylbenzene	mg/l	0.83	3800	2.5	5300	2.5	<0.001 UJ	<0.001 U	<0.001 U	<0.002 U	<0.002 U
Vinyl Chloride	mg/l	0.002	3.8	0.002	6.4	0.002	<0.001 U	<0.001 U	<0.001 U	<0.001 U	<0.001 U
Xylenes, Total	mg/l	10	10000	10	14000	10	<0.003 U	<0.003 U	<0.003 U	<0.002 U	<0.002 U
TPH C6-C12	mg/l	0.98	1800	2.9	2500	2.9	<0.9 U	<0.9 U	<0.9 U	<4.85 U	<4.69 U
TPH C12-C28	mg/l	0.98	7500	2.9	10000	2.9	<0.9 U	<0.9 U	<0.9 U	<4.85 U	<4.69 U
TPH C28-C35	mg/l	0.98	7500	2.9	10000	2.9	<0.9 U	<0.9 U	<0.9 U	<4.85 U	<4.69 U
Total TPH	mg/l	NE	NE	NE	NE	NE	<0.9 U	<0.9 U	<0.9 U	<4.85 U	<4.69 U
Naphthalene	mg/l	0.49	320	1.5	440	1.5	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Bis (2-Ethylhexyl) Phthalate	mg/l	0.006	NE	0.006	NE	0.006	<0.003 U	<0.003 U	<0.003 U	<0.005 U	<0.005 U
Diethyl Phthalate	mg/l	20	NE	58	NE	58	<0.003 U	<0.003 U	<0.003 U	<0.005 U	<0.005 U
2,4-Dimethylphenol	mg/l	0.49	NE	1.5	NE	1.5	<0.01 U	<0.01 U	<0.01 U	<0.005 UJ	<0.005 U
Benzo(A)Anthracene	mg/l	0.0091	3000	0.02	5000	0.02	<0.001 U	<0.001 U	<0.001 U	<0.005 U	<0.005 U
Benzo(A)Pyrene	mg/l	0.0002	29	0.0002	41	0.0002	<0.0002 U	<0.0002 U	<0.0002 U	<0.005 U	<0.005 U
Phenol	mg/l	7.3	160000	22	220000	22	<0.01 U	0.00651 J	<0.01 U	<0.01 UJ	<0.01 U

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
NE= Not Established
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)
B= Compound detected in blank as well as sample
R= Rejected value

		Residential Action Level (Assessment Level)		Remedy Evaluation			TMW-01	TMW-02	TMW-03	TMW-04	TMW-05
	Units	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$ (0.5-acre)	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$	Critical Tier 1 PCL	1/2/2019	1/3/2019	1/2/2019	1/2/2019	1/3/2019
Arsenic	mg/l	0.01	NE	0.01	NE	0.01	NA	NA	NA	NA	NA
Barium	mg/l	2	NE	2	NE	2	NA	NA	NA	NA	NA
Cadmium	mg/l	0.005	NE	0.005	NE	0.005	NA	NA	NA	NA	NA
Chromium	mg/l	0.1	NE	0.1	NE	0.1	NA	NA	NA	NA	NA
Lead	mg/l	0.015	NE	0.015	NE	0.015	NA	NA	NA	NA	NA
Selenium	mg/l	0.05	NE	0.05	NE	0.05	NA	NA	NA	NA	NA
Silver	mg/l	0.12	NE	0.37	NE	0.37	NA	NA	NA	NA	NA
Mercury	mg/l	0.002	7.3	0.002	10	0.002					
Acetone	mg/l	22	1,000,000	66	1,000,000	66	NA	NA	NA	NA	NA
Benzene	mg/l	0.005	180	0.005	300	0.005	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
Bromodichloromethane	mg/l	0.08	NE	0.08	NE	0.08	<0.000164	<0.000164	<0.000164	<0.000164	<0.000164
n-Butylbenzene	mg/l	1.2	NE	3.7	NE	3.7	<0.002	<0.002	<0.002	<0.002	<0.002
sec-Butylbenene	mg/l	0.98	NE	2.9	NE	2.9	<0.000124	<0.000124	<0.000124	<0.000124	<0.000124
tert-Butylbenzene	mg/l	0.98	NE	2.9	NE	2.9	<0.000177	<0.000177	<0.000177	<0.000177	<0.000177
Chloroethane	mg/l	9.8	120,000	29	160000	29	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190
Chloroform	mg/l	0.08	20	0.08	33	0.08	<0.000107	<0.000107	<0.000107	<0.000107	<0.000107
2-Chlorotoluene	mg/l	0.49	24,000	1.5	33000	1.5	<0.000293	<0.000293	<0.000293	<0.000293	<0.000293
1,1-Dichloroethane	mg/l	4.9	43,000	15	60,000	15	<.005	0.00037	<0.000182	<0.000182	<0.000182
1,2-Dichloroethane	mg/l	0.005	250	0.005	420	0.005	<0.000283	<0.000283	<0.000283	<0.000283	<0.000283
1,1-Dichloroethene	mg/l	0.007	1,700	0.007	2,300	0.007	0.00046	0.0157	<0.000178	<0.000178	<0.000178
cis-1,2-Dichloroethene	mg/l	0.07	1,200	0.07	1,700	0.07	<0.000162	0.00027	<0.000162	<0.000162	<0.000162
trans-1,2-Dichloroethene	mg/l	0.1	770	0.1	1,100	0.1	<0.000167 H	<0.000167	<0.000167	<0.000167	<0.000167
Ethylbenzene	mg/l	0.7	30,000	0.7	42,000	0.7	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190
Isopropylbenzene	mg/l	NE	NE	NE	NE	NE	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190
Dichloro-difluoromethane	mg/l	4.9	NE	15	84	15	<.005	0.00032	<0.000148	<0.000148	<0.000148

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
NE= Not Established
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)
B= Compound detected in blank as well as sample
R= Rejected value

		Residential Action Level (Assessment Level)		Remedy Evaluation			TMW-01	TMW-02	TMW-03	TMW-04	TMW-05
	Units	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$ (0.5-acre)	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$	Critical Tier 1 PCL	1/2/2019	1/3/2019	1/2/2019	1/2/2019	1/3/2019
P-Isopropyltoluene	mg/l	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
Methylene Chloride	mg/l	0.005	21000	0.005	36000	0.005	<0.002	<0.002	<0.002	<0.002	<0.002
Methyl tert-butyl ether	mg/l	NE	NE	NE	NE	NE	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Nitrophenol	mg/l	0.049	NE	0.15	NE	0.15	NA	NA	NA	NA	NA
Fluoranthene	mg/l	0.98	NE	2.9	NE	2.9	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	mg/l	0.05	5.4	0.05	7.6	0.05	NA	NA	NA	NA	NA
Phenanthrene	mg/l	0.73	NE	2.2	NE	2.2	NA	NA	NA	NA	NA
Pyrene	mg/l	0.73	NE	2.2	NE	2.2	NA	NA	NA	NA	NA
n-Propylbenzene	mg/l	0.98	6000	2.9	8500	2.9	<0.000173	<0.000173	<0.000173	<0.000173	<0.000173
Tetrachloroethene (PCE)	mg/l	0.005	500	0.005	840	0.005	0.00035	0.00376	<0.000347	<0.000347	<0.000347
Toluene	mg/l	1	64000	1	89000	1	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	mg/l	0.005	80	0.005	130	0.005	<0.000272	<0.000272	<0.000272	<0.000272	<0.000272
Trichloroethene (TCE)	mg/l	0.005	24	0.005	33	0.005	<0.000218	0.000340	<0.000218	<0.000218	<0.000218
1,2,4-Trimethylbenzene	mg/l	0.83	4900	2.5	6800	2.5	<0.000113	<0.000113	<0.000113	<0.000113	<0.000113
1,2,3-Trimethylbenzene	mg/l	0.83	5600	2.5	7900	2.5	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	mg/l	0.83	3800	2.5	5300	2.5	<0.000178	<0.000178	<0.000178	<0.000178	<0.000178
Vinyl Chloride	mg/l	0.002	3.8	0.002	6.4	0.002	<0.000232	<0.000232	<0.000232	<0.000232	<0.000232
Xylenes, Total	mg/l	10	10000	10	14000	10	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
TPH C6-C12	mg/l	0.98	1800	2.9	2500	2.9	<0.147	<0.148	<0.146	<0.161	<0.154
TPH C12-C28	mg/l	0.98	7500	2.9	10000	2.9	<0.151	<0.152	<0.151	<0.161	<0.154
TPH C28-C35	mg/l	0.98	7500	2.9	10000	2.9	<0.0930	<0.0938	<0.0927	<0.102	<0.0973
Total TPH	mg/l	NE	NE	NE	NE	NE	<0.0930	<0.0938	<0.0927	<0.102	<0.0973
Naphthalene	mg/l	0.49	320	1.5	440	1.5	<0.002	<0.002	<0.002	<0.002	<0.002
Bis (2-Ethylhexyl) Phthalate	mg/l	0.006	NE	0.006	NE	0.006	NA	NA	NA	NA	NA
Diethyl Phthalate	mg/l	20	NE	58	NE	58	NA	NA	NA	NA	NA
2,4-Dimethylphenol	mg/l	0.49	NE	1.5	NE	1.5	NA	NA	NA	NA	NA
Benzo(A)Anthracene	mg/l	0.0091	3000	0.02	5000	0.02	NA	NA	NA	NA	NA
Benzo(A)Pyrene	mg/l	0.0002	29	0.0002	41	0.0002	NA	NA	NA	NA	NA
Phenol	mg/l	7.3	160000	22	220000	22	NA	NA	NA	NA	NA

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
NE= Not Established
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)
B= Compound detected in blank as well as sample
R= Rejected value

		Residential Action Level (Assessment Level)		Remedy Evaluation			TMW-06	TMW-07	TMW-08	TMW-09	TMW-10
	Units	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$ (0.5-acre)	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$	Critical Tier 1 PCL	1/3/2019	1/3/2019	1/3/2019	1/3/2019	1/3/2019
Arsenic	mg/l	0.01	NE	0.01	NE	0.01	NA	NA	NA	NA	NA
Barium	mg/l	2	NE	2	NE	2	NA	NA	NA	NA	NA
Cadmium	mg/l	0.005	NE	0.005	NE	0.005	NA	NA	NA	NA	NA
Chromium	mg/l	0.1	NE	0.1	NE	0.1	NA	NA	NA	NA	NA
Lead	mg/l	0.015	NE	0.015	NE	0.015	NA	NA	NA	NA	NA
Selenium	mg/l	0.05	NE	0.05	NE	0.05	NA	NA	NA	NA	NA
Silver	mg/l	0.12	NE	0.37	NE	0.37	NA	NA	NA	NA	NA
Mercury	mg/l	0.002	7.3	0.002	10	0.002					
Acetone	mg/l	22	1,000,000	66	1,000,000	66	NA	NA	NA	NA	NA
Benzene	mg/l	0.005	180	0.005	300	0.005	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
Bromodichloromethane	mg/l	0.08	NE	0.08	NE	0.08	<0.000164	<0.000164	<0.000164	<0.000164	<0.000164
n-Butylbenzene	mg/l	1.2	NE	3.7	NE	3.7	<0.002	<0.002	<0.002	<0.002	<0.002
sec-Butylbenene	mg/l	0.98	NE	2.9	NE	2.9	<0.000124	<0.000124	<0.000124	<0.000124	<0.000124
tert-Butylbenzene	mg/l	0.98	NE	2.9	NE	2.9	<0.000177	<0.000177	<0.000177	<0.000177	<0.000177
Chloroethane	mg/l	9.8	120,000	29	160000	29	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190
Chloroform	mg/l	0.08	20	0.08	33	0.08	<0.000107	<0.000107	<0.000107	<0.000107	<0.000107
2-Chlorotoluene	mg/l	0.49	24,000	1.5	33000	1.5	<0.000293	<0.000293	<0.000293	<0.000293	<0.000293
1,1-Dichloroethane	mg/l	4.9	43,000	15	60,000	15	<0.000182	0.00800	0.00147	<0.000182	<0.000182
1,2-Dichloroethane	mg/l	0.005	250	0.005	420	0.005	<0.000283	<0.000283	<0.000283	<0.000283	<0.000283
1,1-Dichloroethene	mg/l	0.007	1,700	0.007	2,300	0.007	<0.000178	0.00834	0.000550	<0.000178	<0.000178
cis-1,2-Dichloroethene	mg/l	0.07	1,200	0.07	1,700	0.07	<0.000162	0.00117	0.0192	<0.000162	<0.000162
trans-1,2-Dichloroethene	mg/l	0.1	770	0.1	1,100	0.1	<0.000167	<0.000167	<0.000167	<0.000167	<0.000167
Ethylbenzene	mg/l	0.7	30,000	0.7	42,000	0.7	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190
Isopropylbenzene	mg/l	NE	NE	NE	NE	NE	<0.000190	<0.000190	<0.000190	<0.000190	<0.000190
Dichloro-difluoromethane	mg/l	4.9	NE	15	84	15	<0.000148	<0.000148	0.00104	<0.000148	<0.000148

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
NE= Not Established
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)
B= Compound detected in blank as well as sample
R= Rejected value

		Residential Action Level (Assessment Level)		Remedy Evaluation			TMW-06	TMW-07	TMW-08	TMW-09	TMW-10
	Units	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$ (0.5-acre)	TRRP Tier 1 $^{Gw}Gw_{Ing}$	TRRP Tier 1 $^{Air}GW_{Inh-V}$	Critical Tier 1 PCL	1/3/2019	1/3/2019	1/3/2019	1/3/2019	1/3/2019
P-Isopropyltoluene	mg/l	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
Methylene Chloride	mg/l	0.005	21000	0.005	36000	0.005	<0.002	<0.002	<0.002	<0.002	<0.002
Methyl tert-butyl ether	mg/l	NE	NE	NE	NE	NE	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2-Nitrophenol	mg/l	0.049	NE	0.15	NE	0.15	NA	NA	NA	NA	NA
Fluoranthene	mg/l	0.98	NE	2.9	NE	2.9	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	mg/l	0.05	5.4	0.05	7.6	0.05	NA	NA	NA	NA	NA
Phenanthrene	mg/l	0.73	NE	2.2	NE	2.2	NA	NA	NA	NA	NA
Pyrene	mg/l	0.73	NE	2.2	NE	2.2	NA	NA	NA	NA	NA
n-Propylbenzene	mg/l	0.98	6000	2.9	8500	2.9	<0.000173	<0.000173	<0.000173	<0.000173	<0.000173
Tetrachloroethene (PCE)	mg/l	0.005	500	0.005	840	0.005	<0.000347	0.00214	<0.000347	<0.000347	<0.000347
Toluene	mg/l	1	64000	1	89000	1	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1,1,2-Trichloroethane	mg/l	0.005	80	0.005	130	0.005	<0.000272	<0.000272	<0.000272	<0.000272	<0.000272
Trichloroethene (TCE)	mg/l	0.005	24	0.005	33	0.005	<0.000218	0.000540	<0.000218	<0.000218	<0.000218
1,2,4-Trimethylbenzene	mg/l	0.83	4900	2.5	6800	2.5	<0.000113	<0.000113	<0.000113	<0.000113	<0.000113
1,2,3-Trimethylbenzene	mg/l	0.83	5600	2.5	7900	2.5	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	mg/l	0.83	3800	2.5	5300	2.5	<0.000178	<0.000178	<0.000178	<0.000178	<0.000178
Vinyl Chloride	mg/l	0.002	3.8	0.002	6.4	0.002	<0.000232	<0.000232	<0.000232	<0.000232	<0.000232
Xylenes, Total	mg/l	10	10000	10	14000	10	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
TPH C6-C12	mg/l	0.98	1800	2.9	2500	2.9	<0.151	<0.147	<0.146	<0.150	<0.147
TPH C12-C28	mg/l	0.98	7500	2.9	10000	2.9	<0.156	<0.152	<0.150	<0.154	<0.151
TPH C28-C35	mg/l	0.98	7500	2.9	10000	2.9	<0.0957	<0.0933	<0.0926	<0.0950	<0.0932
Total TPH	mg/l	NE	NE	NE	NE	NE	<0.0957	<0.0933	<0.0926	<0.0950	<0.0932
Naphthalene	mg/l	0.49	320	1.5	440	1.5	<0.002	<0.002	<0.002	<0.002	<0.002
Bis (2-Ethylhexyl) Phthalate	mg/l	0.006	NE	0.006	NE	0.006	NA	NA	NA	NA	NA
Diethyl Phthalate	mg/l	20	NE	58	NE	58	NA	NA	NA	NA	NA
2,4-Dimethylphenol	mg/l	0.49	NE	1.5	NE	1.5	NA	NA	NA	NA	NA
Benzo(A)Anthracene	mg/l	0.0091	3000	0.02	5000	0.02	NA	NA	NA	NA	NA
Benzo(A)Pyrene	mg/l	0.0002	29	0.0002	41	0.0002	NA	NA	NA	NA	NA
Phenol	mg/l	7.3	160000	22	220000	22	NA	NA	NA	NA	NA

Notes:
Indicates critical PCL exceedance (without MSD)
NA= Not Analyzed
NE= Not Established
Only analytes detected are shown. See laboratory report for full data set.
U= Below reporting limit
J= Estimated value (analyte detected below reporting limit)
B= Compound detected in blank as well as sample
R= Rejected value

Appendix F

Appendix F

If the plume extends beyond the limits of property owners listed in this application, list the owners of the additional property beneath which the plume(s) extend(s), and a summary of interactions with those property owners about the plume(s) and this MSD application. Please Note: You are not required under this item to notify affected property owners, only to provide a summary of who affected property owners are, and if there have been any communications. "No contact" can be an acceptable answer.

Based on the results of the most recent groundwater monitoring and sampling event conducted in September 2021, arsenic exceeding the Texas Risk Reduction Program (TRRP) Tier 1 Commercial GW_{Ing} protective concentration level (PCL) extends off-site to the south and east.

Property ID	Property owner name	Physical property address, city zip	Property owner mailing address, city, state, zip	Summary of Interactions
1	Texas Dept of Transportation	Right-of Way	7600 Washington Ave., Houston, TX 77007	No contact

However, the arsenic that extends beyond the property boundary is representative of regional background conditions and is not related to the former Goodman operations at the Site. Arsenic and lead are ubiquitous in this area at concentrations relative consistent with the TSBC's. Additionally, arsenic exceeding the Tier 1 Commercial GW_{Ing} PCL was identified and accepted as background in three other VCP sites (# 2719, 1931 and 2721) within a half-mile radius of the site. Elevated groundwater concentrations of arsenic may also be due to the presence of petroleum hydrocarbons in groundwater. A 2015 USGS technical memo[1] found that geochemical changes from the breakdown of petroleum hydrocarbon compounds in groundwater promotes the release of naturally occurring arsenic – previously bound in aquifer sediments – into the aqueous phase. Petroleum hydrocarbons have been measured in exceedance of the TRRP Tier I PCL at the Site and are considered a COC within this MSD application. The PCLE zone for the Site (Figure C3.2) also suggests that the source of arsenic is off-site to the south-southwest.

[1] Lee, Isabelle M. Cozzarelli, Kathy E. "Natural Breakdown of Petroleum Results in Arsenic Mobilization in Groundwater." Toxics.usgs.gov, 2015, https://toxics.usgs.gov/highlights/2015-01-26-arsenic_plumes.html. Accessed 24 July 2022.

Appendix G

Appendix G

*A statement as to whether the source of the plume has been removed, the plume of contamination is stable (i.e. no change) or contracting, and the plume is delineated, **with the basis for that statement**. Please include historical sampling data.*

Background

The first GWBU evaluated consists of a sandy water-bearing zone. MEC^X and others have collected several rounds of groundwater samples from January 2019 through September 2021 from 10 temporary groundwater monitoring wells and 11 standard groundwater monitoring wells (MW) screened within the first GWBU. Neither non-aqueous phase liquid (NAPL) nor evidence of potential NAPL have been observed at the Site.

The GWBU is first encountered beneath the Site at depths between 30 and 40 ft bgs and consists of a fine sand layer that varies from 1 foot thick to more than 5 feet thick.

Mann-Kendall Trend Analysis Description

MEC^X conducted a statistical trend analysis using the Mann-Kendall (M-K) method[1] to further evaluate the stability of COCs in groundwater at the Site over time. The primary COCs include:

- 1,1-dichloroethylene (DCE)
- Tetrachlorethylene (PCE)
- Bis (2-ethylhexyl) phthalate
- Arsenic, lead, barium, chromium[2]
- Trichloroethylene (TCE)
- Methylene chloride
- Vinyl chloride (VC)
- C_6-C_{12} Total Petroleum Hydrocarbons (TPH)

MEC^X adhered to the assumptions, calculations and procedure prescribed by the Pacific Northwest National Laboratory while conducting the M-K evaluation.

Mann-Kendall Trend Analysis Results

MEC^X conducted the M-K test for each of the eleven monitoring wells. For each monitoring well, MEC^X analyzed each COC that has exceeded the TRRP Tier I PCL at least once at that well throughout the historic sampling period. For non-detect data points and rather than using a value of zero (which would bias results), MEC^X used half of the laboratory detection limit for each COC for as a basis for calculations and trend analysis. Following TRRP guidance and general practice within regulatory statistics, MEC^X performed

---

[1] Pulsipher B.A., J.E. Wilson, and R.O. Gilbert. 2006.
New Visual Sample Plan (VSP) Module Pertinent to Environmental Trend Monitoring.
In Proceedings of the 25th Annual Conference on Managing Environmental Quality Systems, April 24-27, Austin, Texas. Washington, District of Columbia: US Environmental Protection Agency.
PNNL-SA-49179.
See: https://vsp.pnnl.gov/help/vsample/design_trend_mann_kendall.htm

[2] The source(s) of these metals are representative of regional background conditions and/or emanate from off-site. There is no known historical source of these metals on-site.

these trend analyses at a 95% significance level. Results of the M-K test for each monitoring well are presented below.

MW-01

Arsenic, lead, 1,1-DCE and PCE exceeded the TRRP Tier 1 PCL during historic groundwater monitoring at location MW-01. Figure 1 below presents the concentrations of each COC at MW-01 throughout each historic sampling event. Table 1 below presents the results for the M-K trend analysis test.

Figure 1 – MW-01 COC GW Concentration Trends Throughout Sampling History

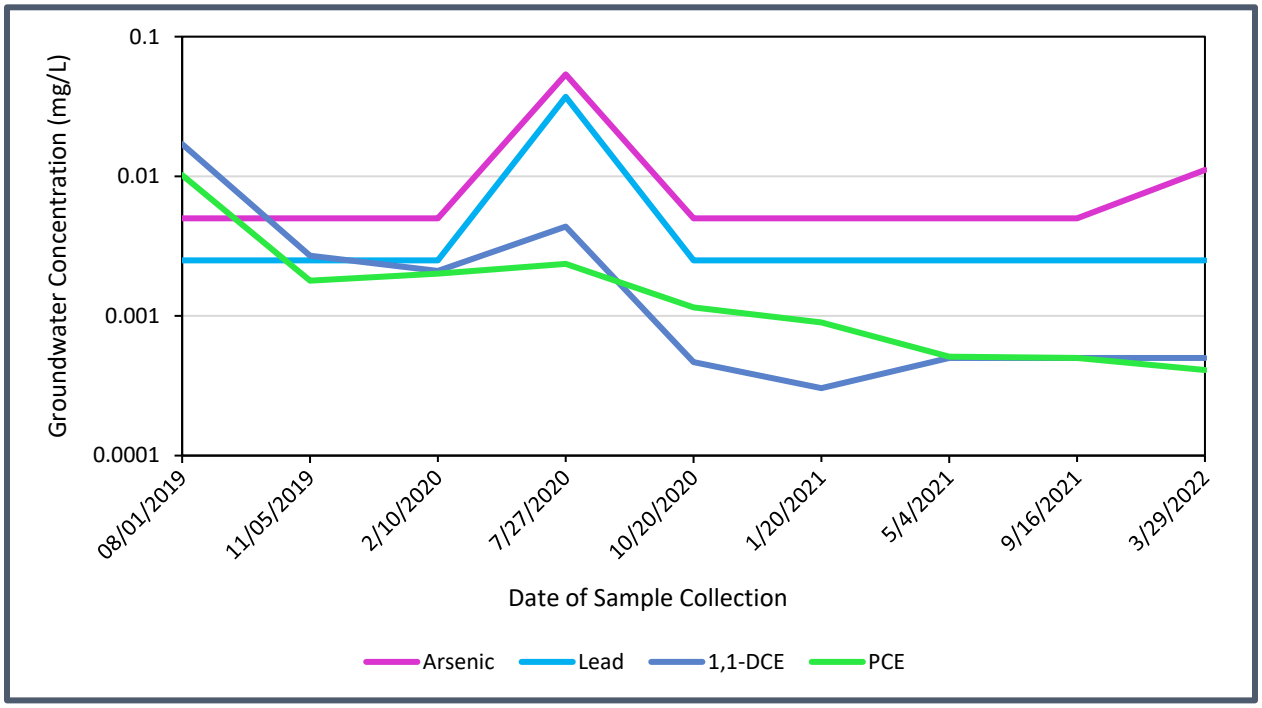


Table 1 – MW-01 Mann-Kendall Test Results

COC	Sample Count	S Value	S Variance	S Probability	Z value	Trend
Arsenic	9	5	47.67	0.3435	0.5794	No Trend
Lead	9	-2	83.67	0.46	-0.3280	No Trend
1,1-DCE	9	-17	88.33	0.049	-1.9152	Decreasing
PCE	9	-30	92	0.0004	-3.232	Decreasing

The results for 1,1-DCE and PCE for MW-01 indicate a decreasing trend in concentrations over time. The results for arsenic and lead for MW-01 indicate no upward or downward trend (i.e., it is stable) in concentrations over time, which confirms that these COCs are stable. Lead, 1,1-DCE and PCE were present at concentrations below TRRP Tier 1 PCLs during the most recent sampling event in March 2022.

MW-02

Chromium, 1,1-DCE, methylene chloride, PCE and bis(2-ethylhexyl) phthalate exceeded the TRRP Tier 1 PCL during historic groundwater monitoring at location MW-02. Figure 2 below presents the concentrations of each COC at MW-02 throughout historic sampling events. Table 2 below presents the results for the M-K trend analysis test.

Figure 2 – MW-02 COC GW Concentration Trends Throughout Sampling History

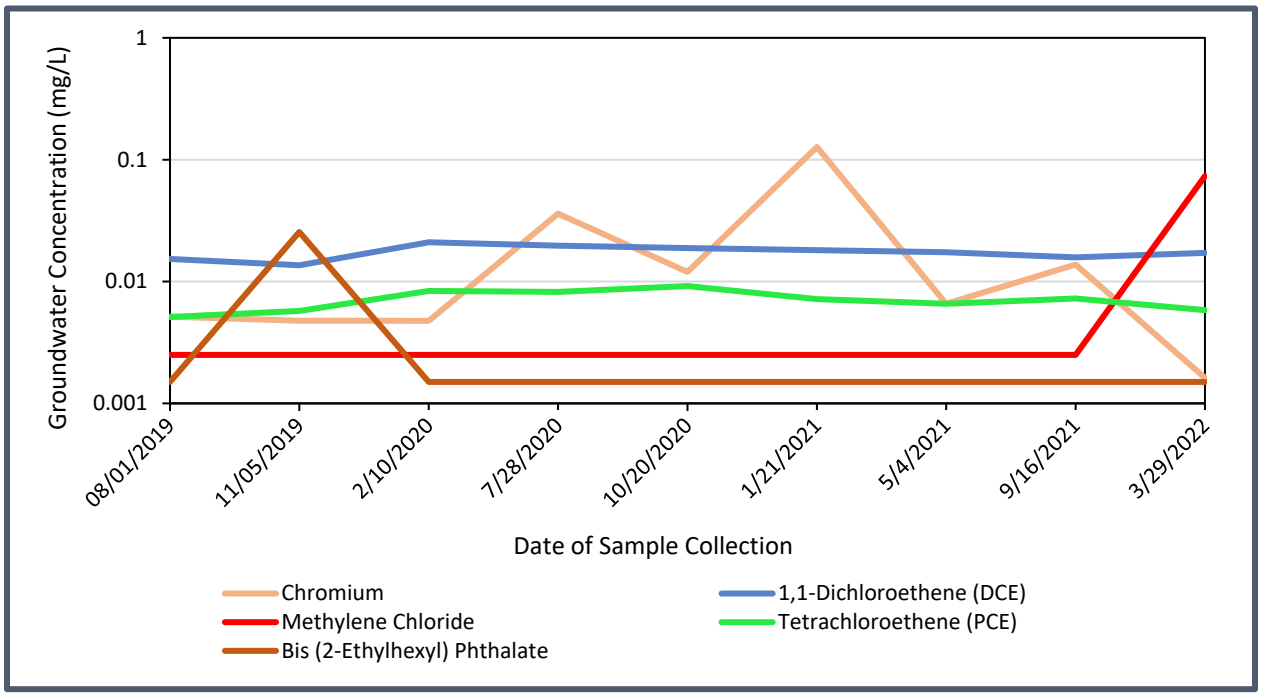


Table 2 – MW-02 Mann-Kendall Test Results

COC	Sample Count	S Value	S Variance	S Probability	Z value	Trend
Chromium	9	2	92	0.46	0.1043	No Trend
1,1-DCE	9	-6	92	0.306	-0.7298	No Trend
Methylene Chloride	9	8	26.67	0.238	1.356	No Trend
PCE	9	2	92	0.46	0.1043	No Trend
Bis(2-Ethylhexyl) Phthalate	9	-6	26.67	0.306	-1.356	No Trend

The results for chromium, 1,1-DCE, methylene chloride, PCE and bis(2-ethylhexyl) phthalate for MW-02 indicate no upward or downward trend (i.e., it is stable) in concentrations over time, which confirms that these COCs are stable. Chromium and bis(2-ethylhexyl) phthalate were present at concentrations below TRRP Tier 1 PCLs during the most recent sampling event in March 2022.

MW-03

Arsenic, barium, chromium and lead exceeded the TRRP Tier 1 PCL during historic groundwater monitoring at location MW-03. Figure 3 below presents the concentrations of each COC at MW-03 throughout each historic sampling event. Table 3 below presents the results for the M-K trend analysis test.

Figure 3 – MW-03 COC GW Concentration Trends Throughout Sampling History

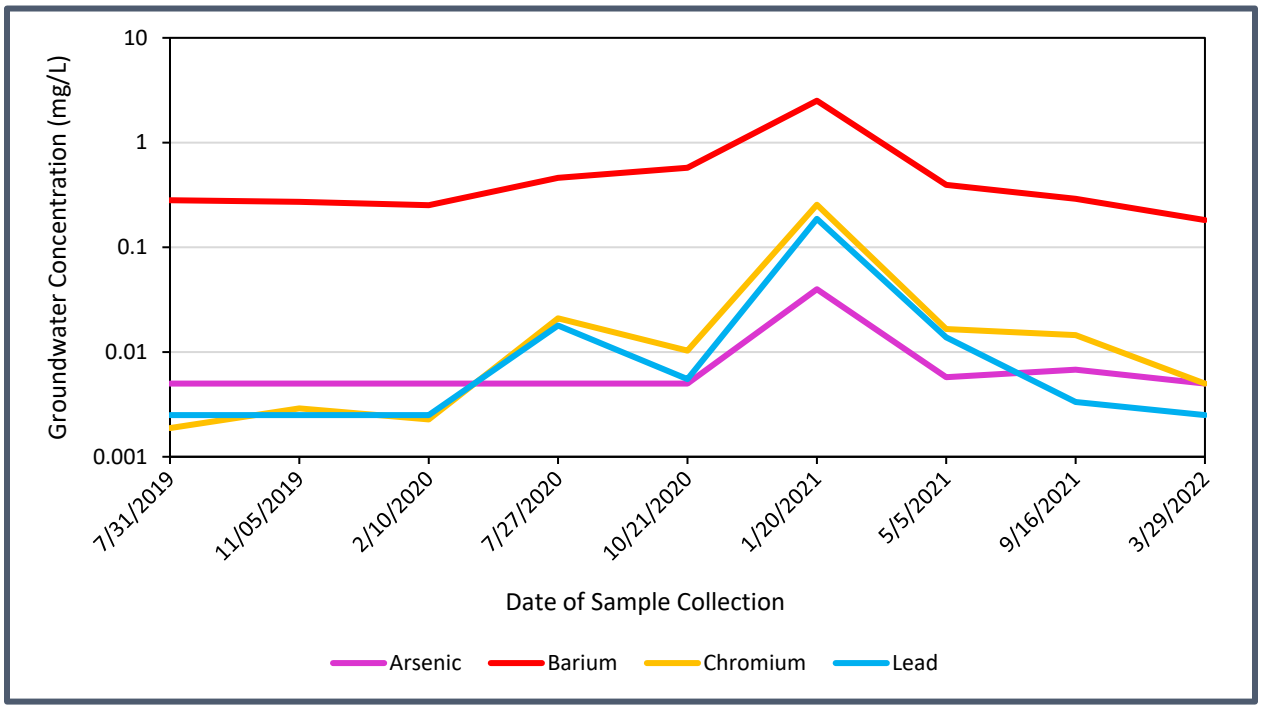


Table 3 – MW-03 Mann-Kendall Test Results

COC	Sample Count	S Value	S Variance	S Probability	Z value	Trend
Arsenic	9	11	63.67	0.155	1.253	No Trend
Barium	9	0	92	0.54	-0.1043	No Trend
Chromium	9	12	92	0.13	1.147	No Trend
Lead	9	6	83.33	0.306	0.5477	No Trend

The results for arsenic, barium, chromium and lead for MW-03 indicate no trend in concentrations over time, which confirms that these COCs are stable. Arsenic, barium, chromium and lead were present at concentrations below TRRP Tier 1 PCLs during the most recent sampling event in March 2022.

MW-04

Arsenic and lead exceeded the TRRP Tier 1 PCL during historic groundwater at location MW-04. Figure 4 below presents the concentrations of each COC at MW-04 throughout each historic sampling event. Table 4 below presents the results for the Mann-Kendall trend analysis test.

Figure 4 – MW-04 COC GW Concentration Trends Throughout Sampling History

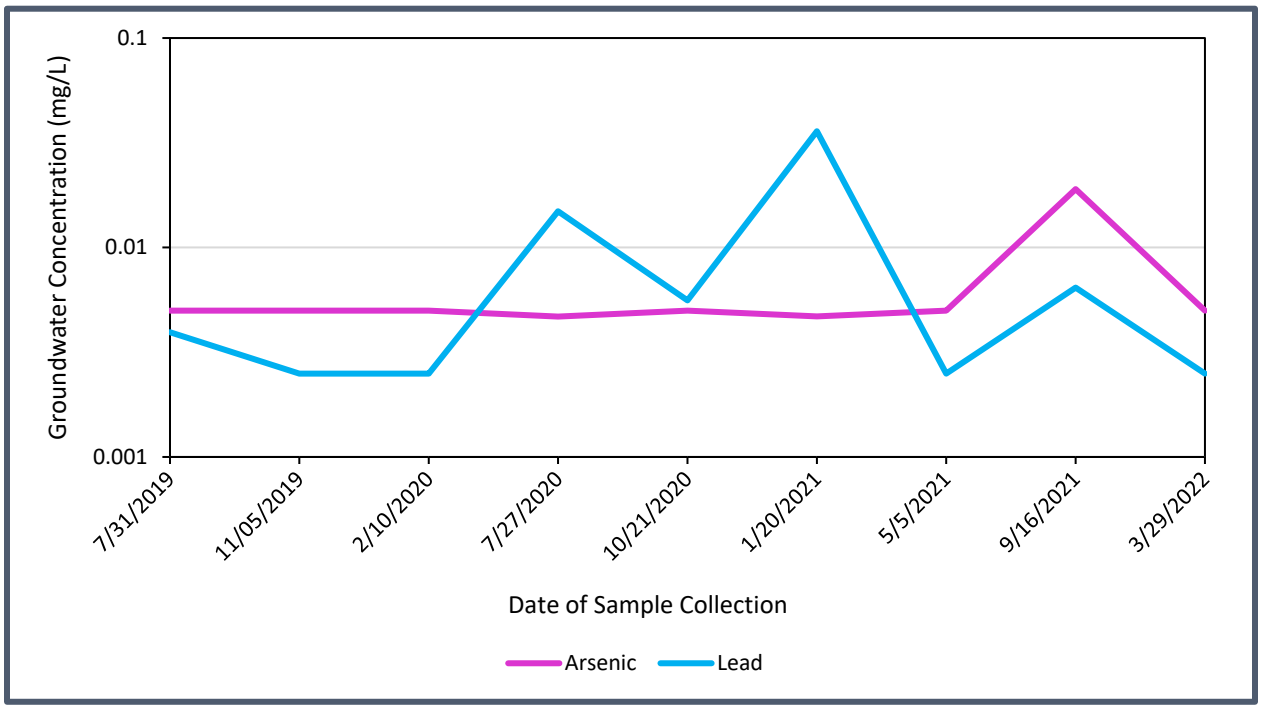


Table 4 – MW-04 Mann-Kendall Test Results

COC	Sample Count	S Value	S Variance	S Probability	Z value	Trend
Arsenic	9	5	63.67	0.34	0.5013	No Trend
Lead	9	2	83.33	0.46	0.1095	No Trend

The results for arsenic and lead for MW-04 indicate no upward or downward trend (i.e., it is stable) in concentrations over time, which confirms that these COCs are stable. Arsenic and lead were detected at concentrations below TRRP Tier 1 PCLs during the most recent sampling event in March 2022.

MW-05

Arsenic, barium and lead exceeded the TRRP Tier 1 PCL during historic groundwater monitoring at location MW-05. Figure 5 below presents the concentrations of each COC at MW-05 throughout each historic sampling event. Table 5 below presents the results for the M-K trend analysis test.

Figure 5 – MW-05 COC GW Concentration Trends Throughout Sampling History

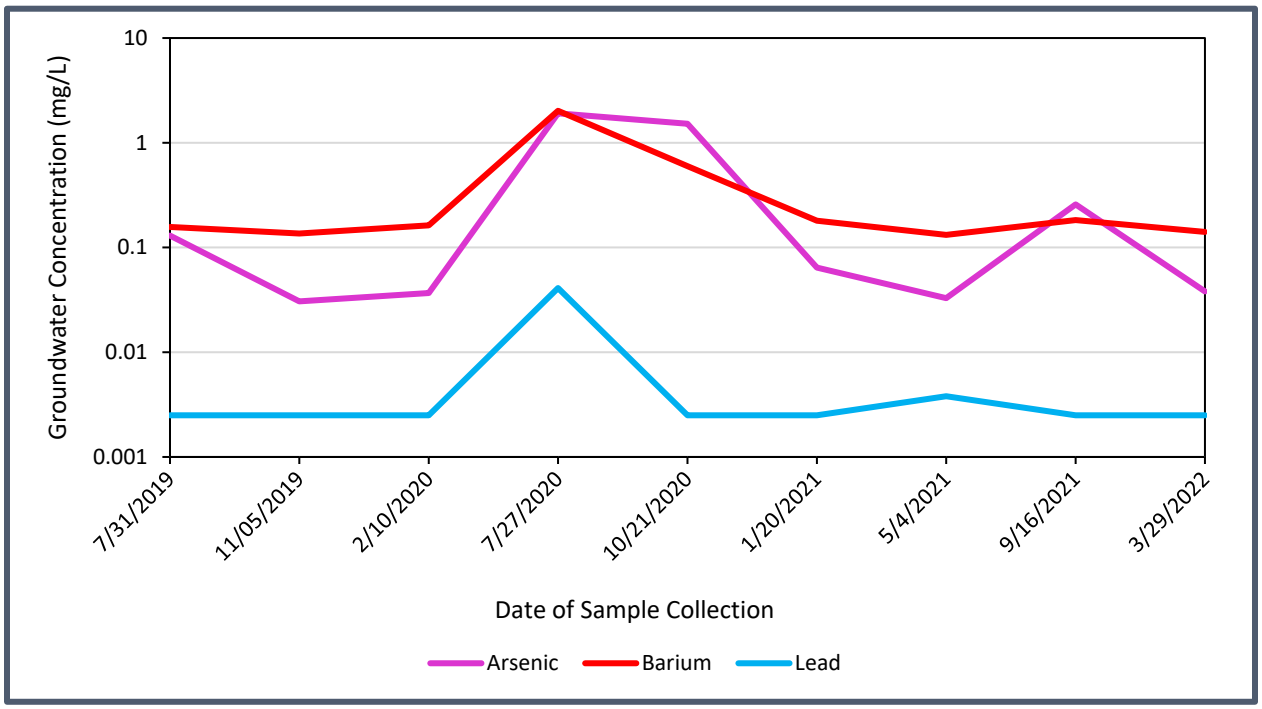


Table 5 – MW-05 Mann-Kendall Test Results

COC	Sample Count	S Value	S Variance	S Probability	Z value	Trend
Arsenic	9	0	92	0.54	-0.1043	No Trend
Barium	9	0	92	0.54	-0.1043	No Trend
Lead	9	1	47.67	0.5	0	No Trend

The results for arsenic, barium and lead for MW-05 indicate no upward or downward trend (i.e., it is stable) in concentrations over time, which confirms that these COCs are stable. Barium and lead were detected at concentrations below TRRP Tier 1 PCLs during the most recent sampling event in March 2022.

MW-06

Arsenic exceeded the TRRP Tier 1 PCL during historic groundwater sampling at location MW-06. Figure 6 below presents the concentration of arsenic at MW-06 throughout each historic sampling event. Table 6 below presents the results for the M-K trend analysis test.

Figure 6 – MW-06 COC GW Concentration Trends Throughout Sampling History

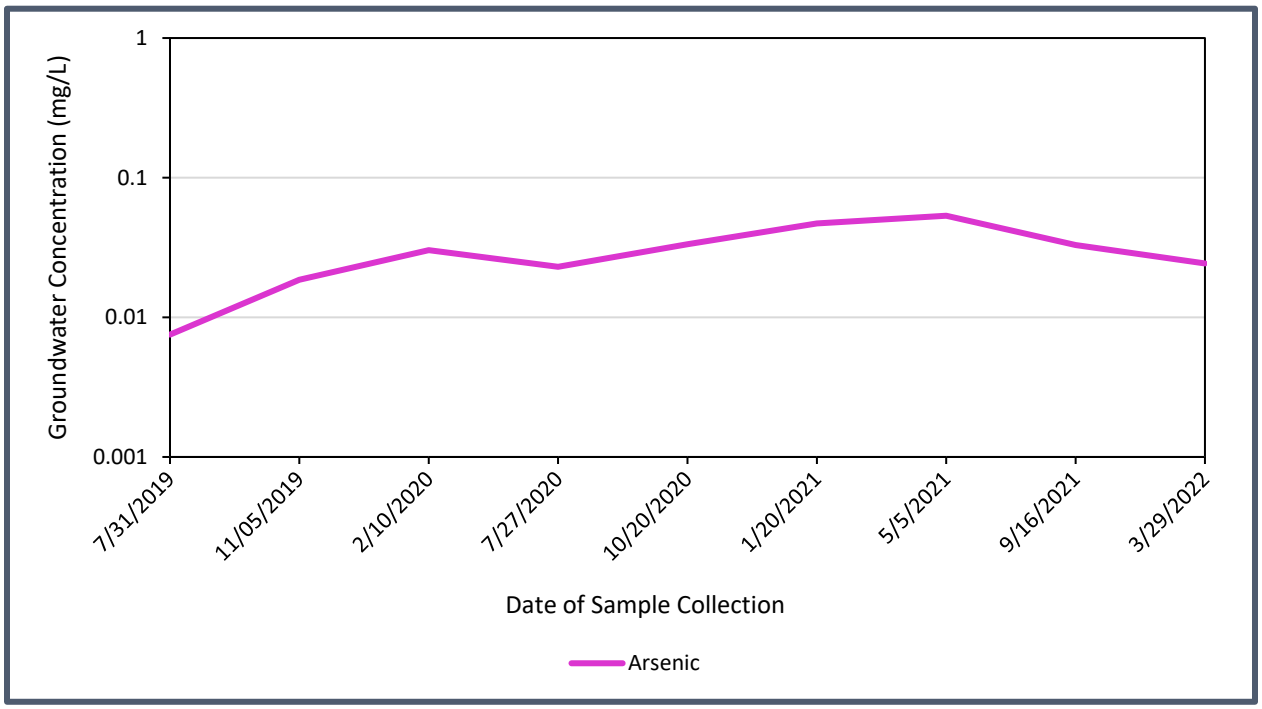


Table 6 – MW-06 Mann-Kendall Test Results

COC	Sample Count	S Value	S Variance	S Probability	Z value	Trend
Arsenic	9	18	92	0.038	1.772	Increasing

The results for arsenic for MW-06 indicate a slightly increasing trend in concentrations over time. However, as stated in Appendices E and F, arsenic in groundwater is the result of TPH in groundwater and/or from off-site sources. A 2015 USGS technical memo[3] found that geochemical changes from the breakdown of petroleum hydrocarbon compounds in groundwater promotes the release of naturally occurring arsenic – previously bound in aquifer sediments – into the aqueous phase. Petroleum hydrocarbons exceeding TRRP Tier I PCLs at the Site and are considered a COC in this MSD application.

[3] Lee, Isabelle M. Cozzarelli, Kathy E. "Natural Breakdown of Petroleum Results in Arsenic Mobilization in Groundwater." Toxics.usgs.gov, 2015, https://toxics.usgs.gov/highlights/2015-01-26-arsenic_plumes.html. Accessed 24 July 2022.

MW-07

1,1-DCE, PCE and TCE exceeded the TRRP Tier 1 PCL during historic groundwater monitoring at location MW-07. Figure 7 below presents the concentrations of each COC at MW-07 throughout each historic sampling event. Table 7 below presents the results for the M-K trend analysis test.

Figure 7 – MW-07 COC GW Concentration Trends Throughout Sampling History

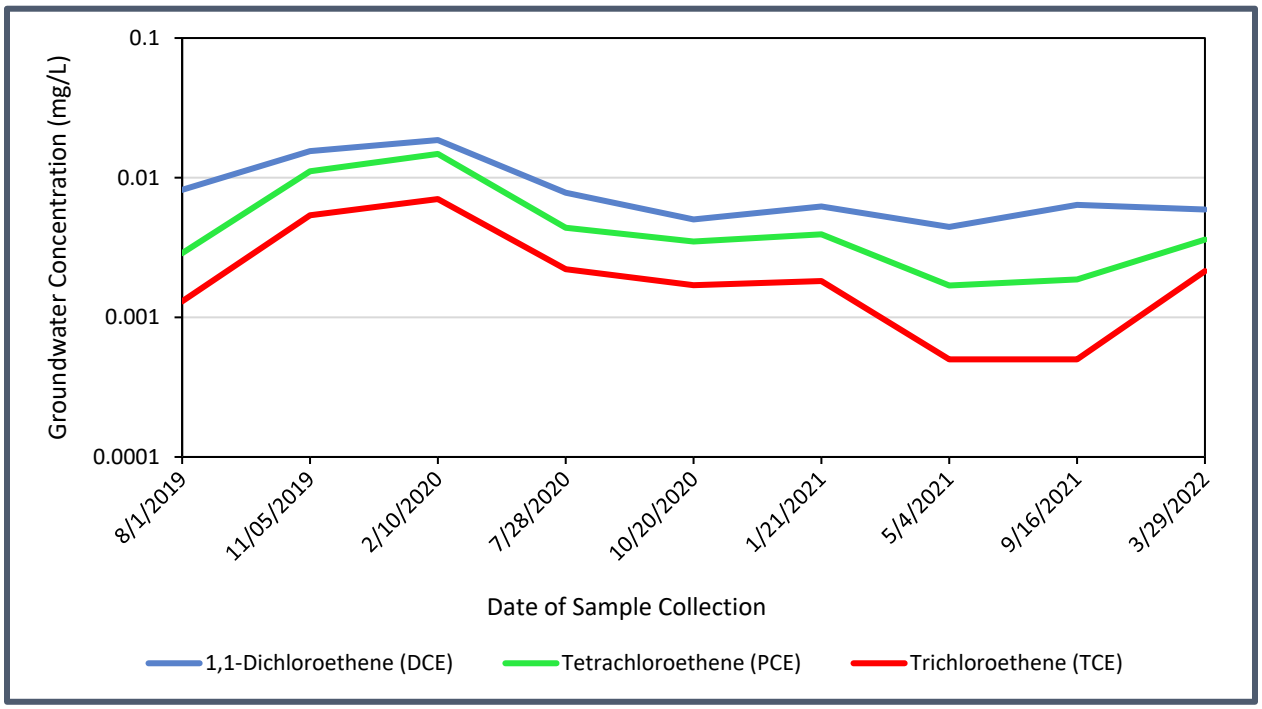


Table 7 – MW-07 Mann-Kendall Test Results

COC	Sample Count	S Value	S Variance	S Probability	Z value	Trend
1,1-DCE	9	-18	92	0.038	-1.981	Decreasing
PCE	9	-12	92	0.13	-1.355	No Trend
TCE	9	-11	91	0.155	-1.258	No Trend

The results for 1,1-DCE for MW-07 indicate a decreasing trend in concentrations over time. The results for PCE and TCE for MW-07 indicate no upward or downward trend (i.e., it is stable) in concentrations over time, which confirms that these COCs are stable. 1,1-DCE, PCE and TCE were present at concentrations below TRRP Tier 1 PCLs during the most recent sampling event in March 2022.

MW-08

Arsenic, barium, chromium and lead exceeded the TRRP Tier 1 PCL during historic groundwater monitoring at location MW-08. Figure 8 below presents the concentrations of each COC at MW-08 throughout each historic sampling event. Table 8 below presents the results for the M-K trend analysis test.

Figure 8 – MW-08 COC GW Concentration Trends Throughout Sampling History

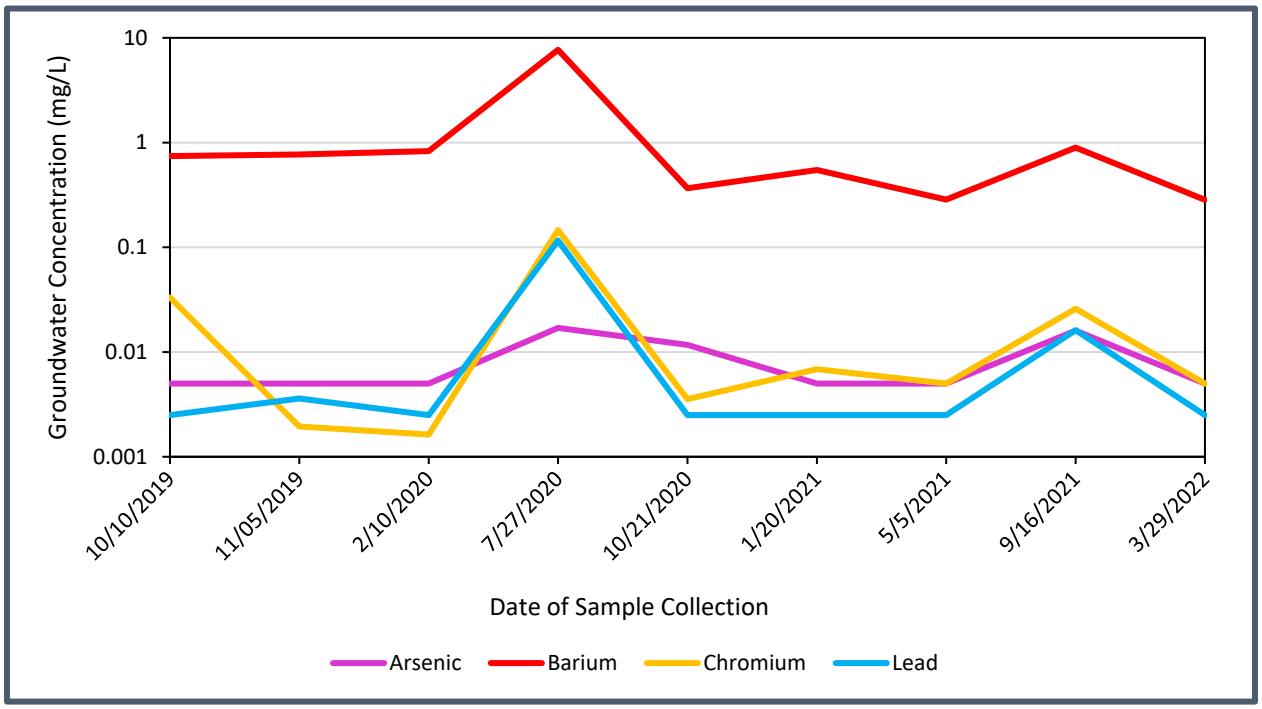


Table 8 – MW-08 Mann-Kendall Test Results

COC	Sample Count	S Value	S Variance	S Probability	Z value	Trend
Arsenic	9	3	63.67	0.42	0.2507	No Trend
Barium	9	-10	92	0.179	-1.147	No Trend
Chromium	9	3	91	0.42	0.2097	No Trend
Lead	9	-1	63.67	0.5	-0.2507	No Trend

The results for arsenic, barium, chromium and lead for MW-08 indicate no upward or downward trend (i.e., it is stable) in concentrations over time, which confirms that these COCs are stable. Arsenic, barium, chromium and lead were present at concentrations below the respective TRRP Tier 1 PCLs during the most recent sampling event in March 2022.

MW-09

Arsenic, lead, 1,1-DCE, methylene chloride, vinyl chloride and C_6-C_{12} TPH exceeded the TRRP Tier 1 PCL during historic groundwater monitoring at location MW-09. Figures 9a and 9b below present the concentrations of each COC at MW-09 throughout each historic sampling event. Table 9 below presents the results for the M-K trend analysis test.

Figure 9a – MW-09 COC GW Concentration Trends Throughout Sampling History

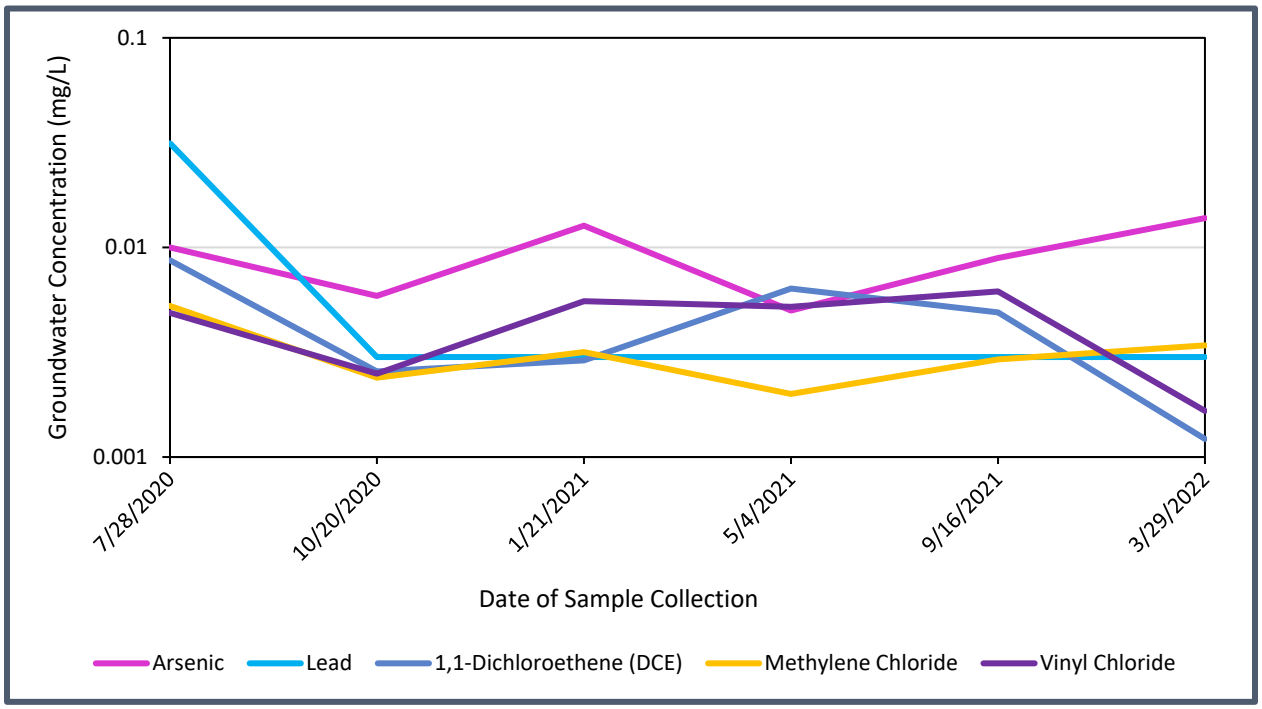


Figure 9b – MW-09 COC GW Concentration Trends Throughout Sampling History

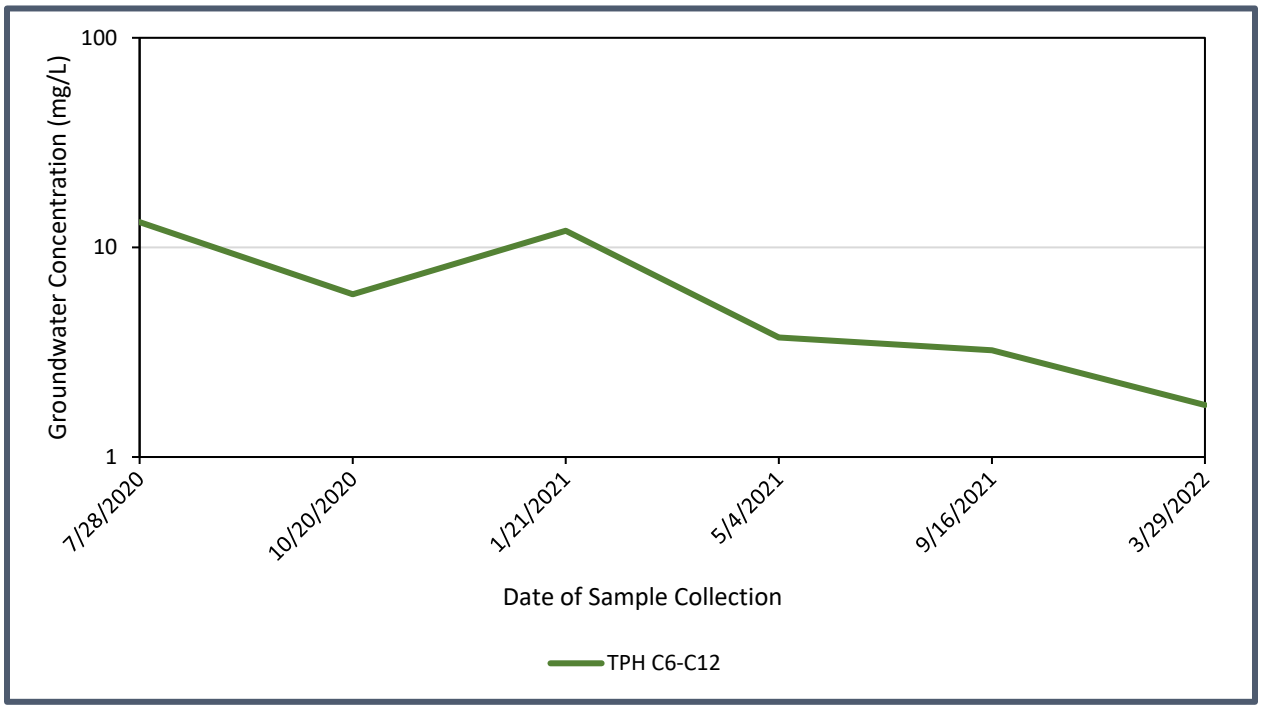


Table 9 – MW-09 Mann-Kendall Test Results

COC	Sample Count	S Value	S Variance	S Probability	Z value	Trend
Arsenic	6	3	28.33	0.36	0.3757	No Trend
Lead	6	-5	11.67	0.235	-1.757	No Trend
1,1-DCE	6	-5	28.33	0.235	-1.127	No Trend
Methylene Chloride	6	-1	28.33	0.5	-0.3757	No Trend
Vinyl Chloride	6	1	28.33	0.5	0	No Trend
C_6-C_{12} TPH	6	-13	28.33	0.0083	-2.630	Decreasing

The results for C_6-C_{12} TPH for MW-09 indicate a decreasing trend in concentrations over time. The results for arsenic, lead, 1,1-DCE, methylene chloride and vinyl chloride for MW-09 indicate no upward or downward trend (i.e., it is stable) in concentrations over time, which confirms that these COCs are stable. Lead, 1,1-DCE, methylene chloride, vinyl chloride and C_6-C_{12} TPH was present at concentrations below TRRP Tier 1 PCL during the most recent sampling event in March 2022.

MW-10

Arsenic, barium and lead exceeded the TRRP Tier 1 PCL during historic groundwater monitoring at location MW-10. Figure 10 below presents the concentrations of each COC at MW-10 throughout each historic sampling event. Table 10 below presents the results for the M-K trend analysis test.

Figure 10 – MW-10 COC GW Concentration Trends Throughout Sampling History

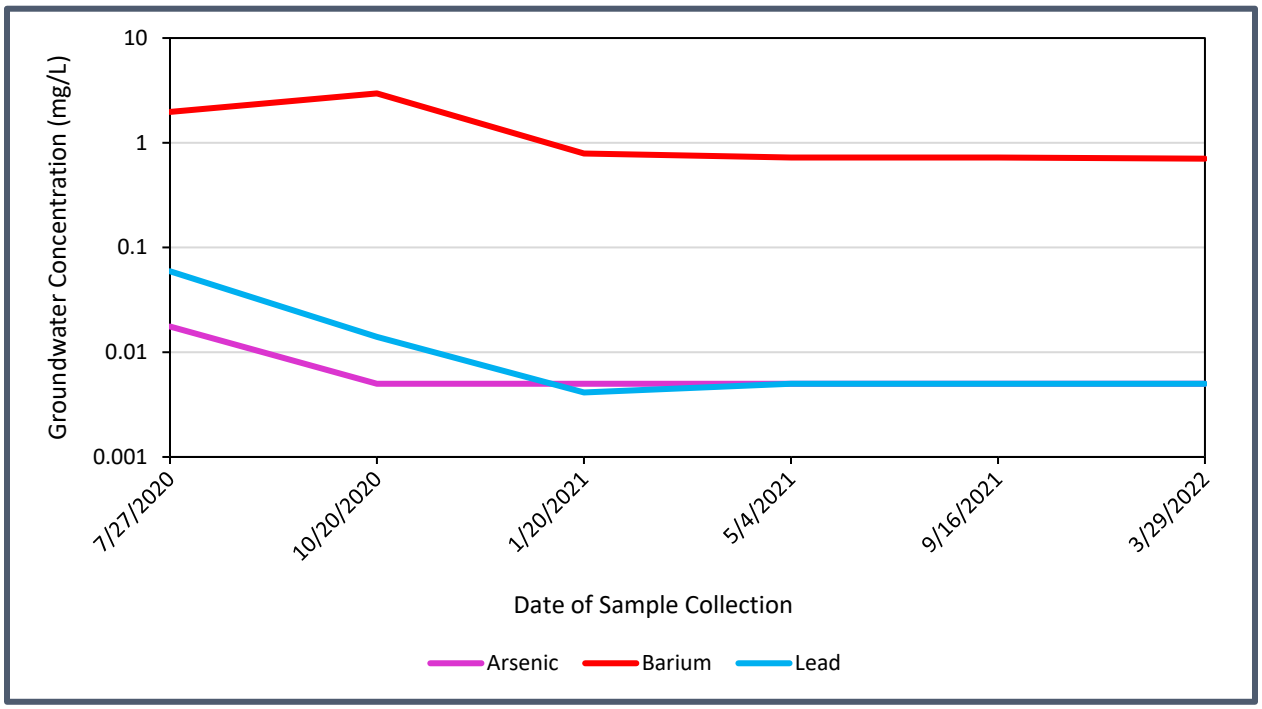


Table 10 – MW-10 Mann-Kendall Test Results

COC	Sample Count	S Value	S Variance	S Probability	Z value	Trend
Arsenic	6	-5	11.67	0.235	-1.757	No Trend
Barium	6	-11	28.33	0.028	-2.254	Decreasing
Lead	6	-6	24.67	0.185	-1.409	No Trend

The results for barium for MW-10 indicate a decreasing trend in concentrations over time. The results for arsenic and lead for MW-10 indicate no upward or downward trend (i.e., it is stable) in concentrations over time, which confirms that these COCs are stable. Arsenic, barium and lead were present at concentrations below the TRRP Tier 1 PCLs during the most recent sampling event in March 2022.

MW-11

Lead exceeded the TRRP Tier 1 PCL during historic groundwater monitoring at location MW-11. Figure 11 below presents the concentrations of each COC at MW-11 throughout each historic sampling event. Table 11 below presents the results for the M-K trend analysis test.

Figure 11 – MW-11 COC GW Concentration Trends Throughout Sampling History

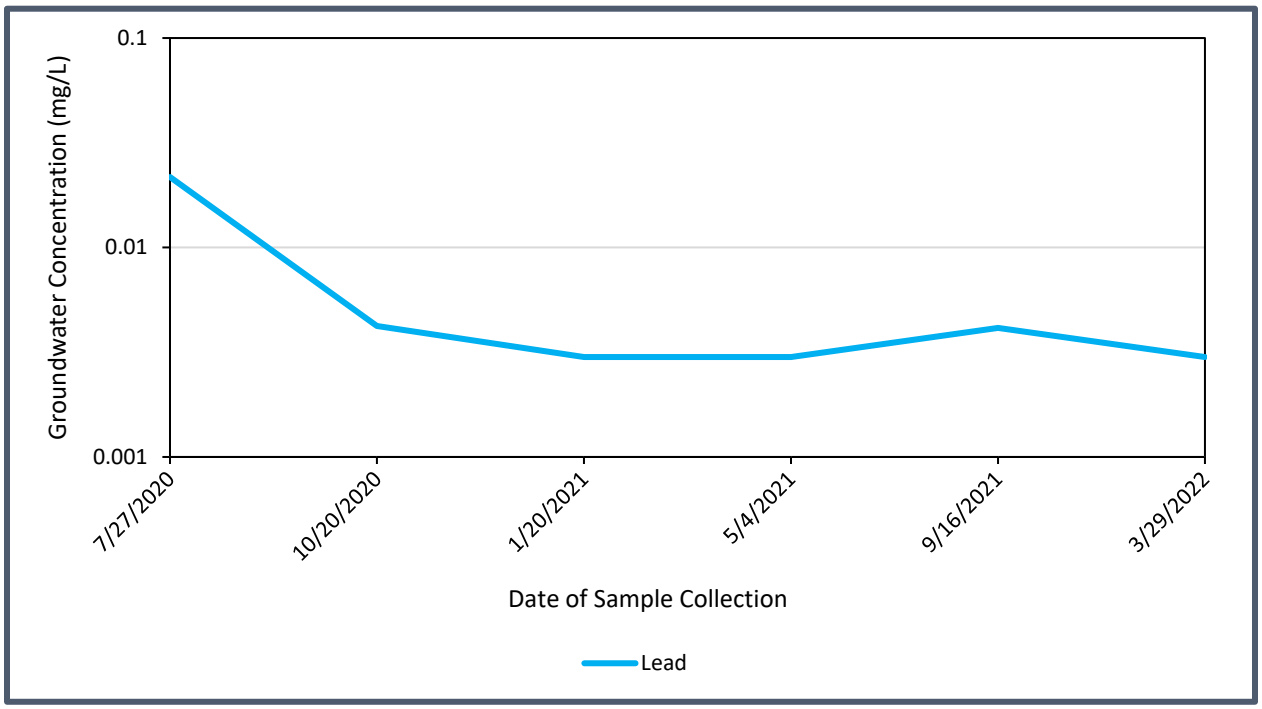


Table 11 – MW-11 Mann-Kendall Test Results

COC	Sample Count	S Value	S Variance	S Probability	Z value	Trend
Lead	6	-8	24.67	0.102	-1.812	No Trend

The results for lead for MW-11 indicate no upward or downward trend (i.e., it is stable) in concentrations over time, which suggests that the plumes of this COC is stable . Lead was present at concentrations below the TRRP Tier 1 PCL during the most recent sampling event in March 2022.

Conclusion

The affected groundwater plume is delineated to TRRP Tier 1 residential assessment levels (RAL). Based on results of the Mann-Kendall trend analysis, concentrations of COCs[i] are stable or declining. Table E.1 and Table E.2 (attached with Appendix E) are tables summarizing historical soil and groundwater concentrations at the Site, respectively.

[i] Excludes arsenic in groundwater, which emanates from off-site an source(s) and/or is attributable to the presence of TPH in groundwater.

Appendix H

Appendix H

A statement as to whether contamination on and off the designated property without a Municipal Setting Designation will exceed a residential assessment level as defined in the Texas Risk Reduction Program or analogous residential level set by the US Environmental Protection Agency (EPA), if known, and the basis for that statement.

The most recent sampling data (September 2021) shows that several COCs (arsenic, 1,1-DCE, PCE, vinyl chloride and C_6-C_{12} TPH) currently exceed the TRRP RALs without an MSD designation. Arsenic has been delineated in exceedance of the TRRPS RALs off-site to the south and southeast. The data within Table E.2 is the basis for this statement and is also displayed on Figure C3.1 and Figure C3.2.

Appendix I

Appendix I

A statement as to whether contamination on and off the designated property with a Municipal Setting Designation will exceed a residential assessment level as defined in the Texas Risk Reduction Program or analogous residential level set by EPA, if known, and the basis for that statement.

The most recent groundwater monitoring data from September 2021 indicate that the area of affected groundwater is delineated. Groundwater samples collected from groundwater monitoring wells contain COC concentrations less than the TRRP residential ingestion exceedance level when an MSD in put in place eliminating the groundwater ingestion pathway. Groundwater COCs are below the post-MSD PCLs of ${}^{Air}GW_{Inh\text{-}V}$. Therefore, COCs in groundwater after issuance of an MSD are below the critical PCLs. The data within Table E.2 is the basis for this statement and is also displayed on Figure C3.1 and Figure C3.2.

Appendix J

Appendix J

Identification of the points of origin of the contamination, to the extent known. Please list the Potentially Responsible Party (PRP), if unknown, state unknown. (Applications without the PRP listed will be deemed incomplete).

The points of origin of affected media related to the Former Cooling Plant's manufacturing operations are shown in **Figure J**. One of the Potentially Responsible Parties (PRP) is Goodman Global Group, Inc. and they are taking on the financial responsibility of the environmental actions related to obtaining a VCP Certificate of Completion.

RESIDENTIAL

RESIDENTIAL

A — MW-08

DROXFORD DRIVE

GREENGRASS DRIVE

RESIDENTIAL

SEE FIGURE 4C FOR CROSS-SECTION

RESIDENTIAL

FIRE STATION

UNIVERSAL PAINT WASTE STORAGE

MW-01

MINIMAX DRIVE

SB-11

PAINT LINE

TMW-01

TOOL AND DIE

PATCHED PITS

DRAINS

MW-02

TMW-02

ASSEMBLY

MW-10

RESIDENTIAL

COILS

SHEET METAL

TMW-03

STORAGE WAREHOUSE

KURY LANE

2301 MINIMAX STREET

MW-03

B

SB-16

MW-09

SB-18

MW-11

MW-06

B1

ASSEMBLY

SEE FIGURE 4C FOR CROSS-SECTION

RESIDENTIAL

SB-09

SB-17

SB-13

FORMER PROCESS OIL

SB-12

SB-14

SHEET METAL

SB-12A

TMW-04

SB-15

FORMER GREASE TRAPS

PAINT LINES

MW-07

SHIPPING, QA, SAFETY AND IT

TMW-08

QUALITY LAB

1501 SEAMIST DRIVE

SEAMIST DRIVE

1501 GREENGRASS DRIVE

TMW-05

TMW-06

TMW-07

GREENGRASS DRIVE

MAINTENANCE SHOP

TMW-09

RAMP

GREASE TRAP

FORMER WASTEWATER TREATMENT PLANT

TMW-10

SB-10

WASTE STORAGE

FORMER GAS STORAGE (OXYGEN, NITROGEN AND REFRIGERANT)

LINDYANN LANE

MW-04

A1

MW-05

OVERMYER DRIVE

RESIDENTIAL

PARKING

1401 GREENGRASS DRIVE

1440 GREENGRASS DRIVE

1441 SEAMIST DRIVE

CINDY LANE

LEGEND:

- APPROXIMATE PROPERTY BOUNDARY AND AFFECTED PROPERTY
- MONITORING WELL
- SOIL BORING
- TRANSFORMER
- FORMER RAIL SPUR
- TRENCH DRAINS
- PIT LOCATIONS
- STORMWATER DRAIN

STATE OF TEXAS
ISAAC M. ABOULAFIA
82566
LICENSED
PROFESSIONAL ENGINEER

3 November 2021

BUILDING AND STREET LOCATIONS BASED ON 2019 GOOGLE EARTH IMAGERY

N

0 25 50 100 200

SCALE (FT)

TEXAS

MEC^X, INC.
8864 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054

FIGURE J - POTENTIAL ON-SITE SOURCES
FORMER COOLING PLANT
VCP NO. 3005
1501 SEAMIST DRIVE
HOUSTON, TEXAS 77008

PROJECT NO: 1567.002C.00 | REV. DATE: 25 FEB 2021

Appendix K

Appendix K

Environmental regulatory actions, litigation, and plume identification.

a. A description of any environmental regulatory actions that have been taken within the past five years in connection with the designated property, to the extent known.

b. A description of any litigation that has taken place within the past five years in connection with the designated property, to the extent known.

c. A statement as to whether there are any other remediation activities by the applicant, or any other party or agency, which are not listed in the application.

d. A statement as to which contamination plume and groundwater zone the applicant is including in the MSD. Identification of the points of origin of the contamination, to the extent known. Please list the Potentially Responsible Party (PRP), if unknown, state unknown. (Applications without the PRP listed will be deemed incomplete).

To the best of our knowledge:

a. Environmental regulatory actions have not been taken in the last five years with the designated property.

b. Litigation has not taken place in the past five years in connection to with the designated property.

c. There are no other known remediation activities by the applicant or any other party not listed in this application.

d. The proposed MSD includes a VOC plume (1,1-DCE, PCE, vinyl chloride and C_6-C_{12} TPH) in the first GWBU. The GWBU is first encountered beneath the Site at depths between 30 and 40 ft bgs and consists of a fine sand layer that varies from 1 foot thick to more than 5 feet thick. The general soil lithology encountered during sampling at the Site consisted of discontinuous layers of fill, clay, clayey sands and silty sand, with intermittent layers of clays, sand and silt from the surface and extending to approximately 45 ft bgs.

Appendix L

Appendix L

A listing of all existing state or EPA registrations, permits, and identification numbers that applies to the designated property.

The following registrations and identification numbers apply to the designated property:

- Texas Commission on Environmental Quality (TCEQ) Voluntary Cleanup Program – No. 3005
- Texas State Customer Number – CN601306079
- Texas State Regulated Entity Number – RN100214014
- Texas State Solid Waste Registration (SWR) – No. 38432
- EPA Industrial and Hazardous Waste ID – TXD010803013
- Texas State Air Emissions Inventory Account Number – HG1016R

Appendix M

Appendix M

Provide evidence that the designated property is currently or has previously been under the oversight of the TCEQ or the United States Environmental Protection Agency, as required by the Texas Health & Safety Code § 361.8065(c)(2)(A), and a description of the status of the designated property in the program (the program application number is sufficient evidence). Also, include the state or federal cleanup project manager's name.

The property located at 1501 Seamist Drive is enrolled in the TCEQ Voluntary Cleanup Program (VCP). The Site was assigned VCP No. 3005 and is actively in the program. The TCEQ project manager assigned to this site is Krista Brandt.

Appendix N

Appendix N

A summary of any environmental site assessment reports filed with TCEQ regarding any site investigations or response actions that are planned, ongoing or completed related to the designated property.

The following is a list of ESA reports submitted to the TCEQ:

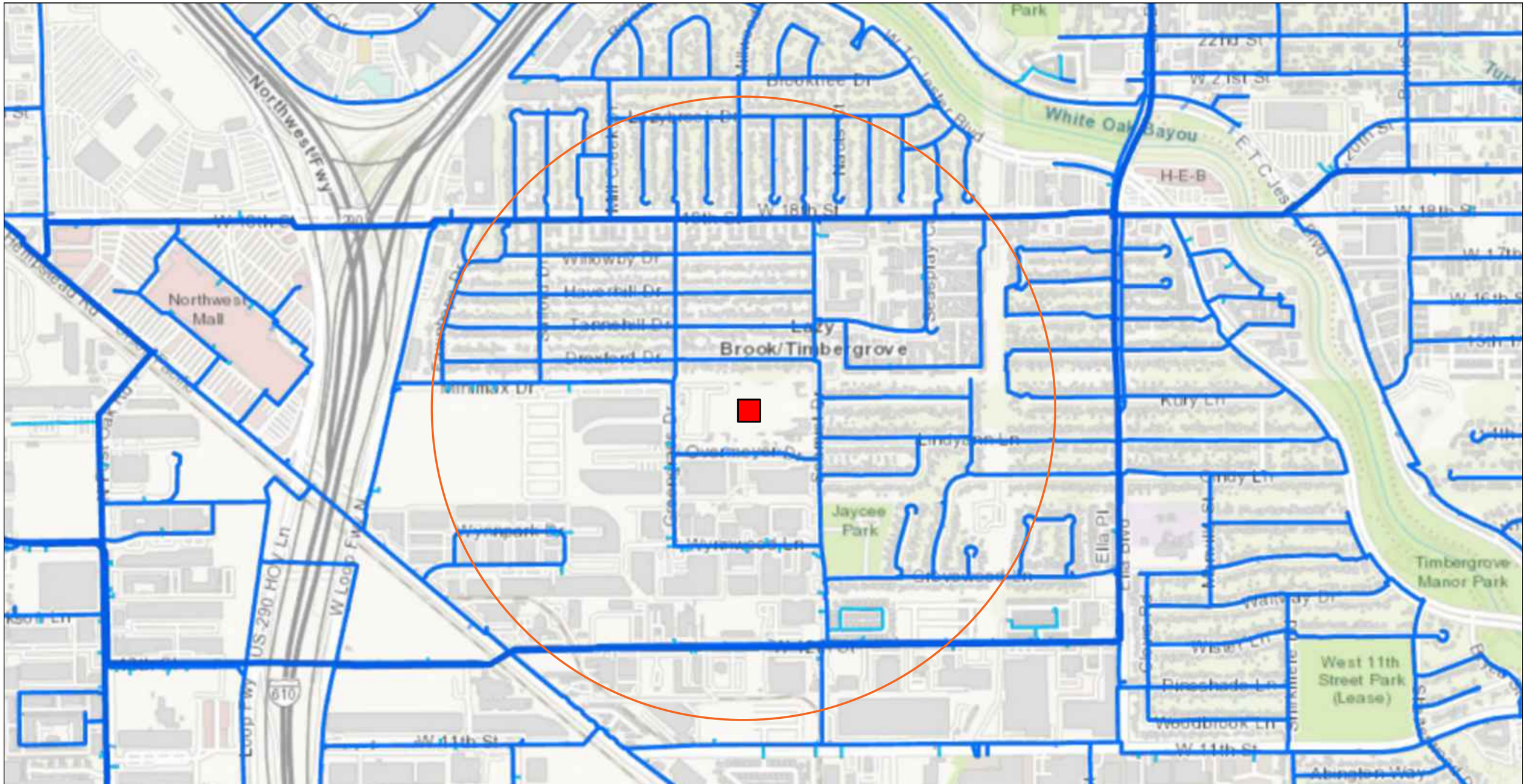
- Phase I ESA – December 2018
- Phase II ESA – January 2019
- Affected Property Assessment Report (APAR) – August 2020

Appendix O

Appendix O

A statement as to whether any public drinking water supply system exists that satisfies the requirements of Chapter 341 of the Texas Health and Safety Code and that supplies or is capable of supplying drinking water to the designated property and property within one-half mile of the designated property and the identity of each supply system.

Drinking water for the subject property is provided by the City of Houston. Figure O shows the City of Houston water lines within a half-mile radius of the Site. We have also attached a statement from the City of Houston regarding the requirements of Chapter 341 of the Texas Health and Safety Code. Properties within a half-mile of the Site are also supplied drinking water by the City of Houston. The Water Well Report attached to this section includes summary maps and a table of public and private supply wells within a half-mile radius of the Site.



LEGEND:

- SITE
- COH DISTRIBUTION MAIN
- COH FIRE LINE
- 0.5-MILE RADIUS

DATA SOURCE: https://mycity.houstontx.gov/HOUSTONMAPVIEWER/
ACCESSED 29OCT2021

N

0 125 250 500 1000
SCALE (FT)

MEC^X, INC.
8864 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054

FIGURE O - COH WATER LINE MAP
FORMER COOLING PLANT
VCP NO. 3005
1501 SEAMIST DRIVE
HOUSTON, TEXAS 77008

PROJECT NO: 1567.002C.00 | REV. DATE: 29 OCT 2021

Prepared for:

MECX, INC -HOUSTON
8864 Interchange Drive
Houston, TX 77054

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Water Well Report

1501 Seamist Drive

Houston, TX

Harris County

PO #: 1567.002C

ES-137683

Tuesday, October 5, 2021

Table of Contents

Geographic Summary	**3**
Maps	
Summary Map - 0.5 Mile Buffer	**4**
Topographic Overlay Map - 0.5 Mile Buffer	**5**
Current Imagery Overlay Map - 0.5 Mile Buffer	**6**
Water Well Details	**7**
Database Definitions and Sources	**12**
Disclaimer	**13**

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Geographic Summary

Location
Harris County, TX
Target location is 0.025 square miles and has a 0.68 mile perimeter

Coordinates	
Longitude & Latitude in Degrees Minutes Seconds	NA
Longitude & Latitude in Decimal Degrees	NA
X and Y in UTM	NA

Elevation
NA

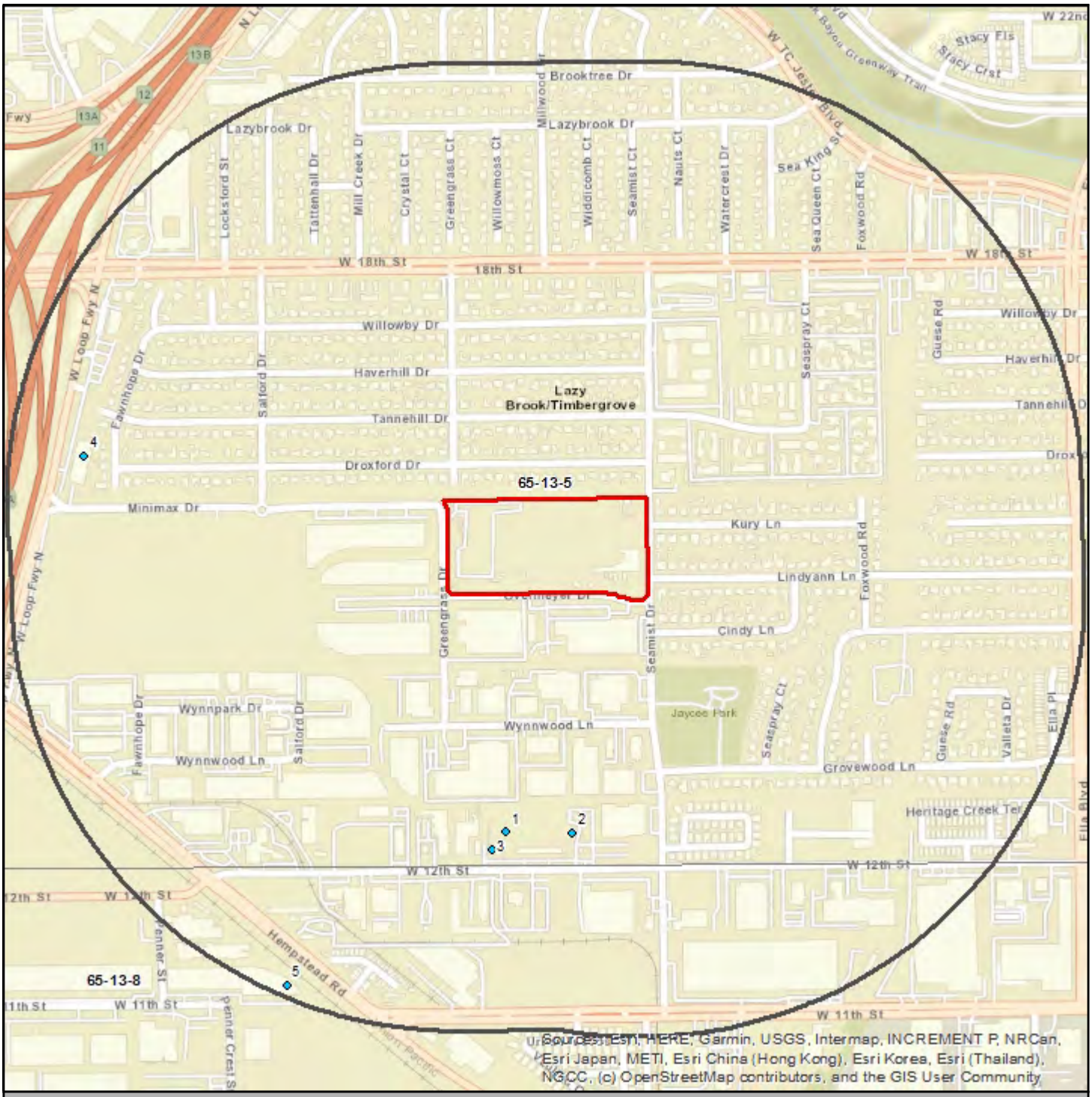
Zip Codes Searched	
Search Distance	**Zip Codes (historical zip codes included)**
Target Property	77008
0.5 miles	77092, 77008, 77055

Topos Searched	
Search Distance	**Topo Name**
Target Property	Houston Heights (1983)
0.5 miles	Houston Heights (1983)

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Summary Map - 0.5 Mile Buffer

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP



Source: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

1501 Seamist Drive

- Well
- Well Cluster
- Target Property
- Search Buffer
- Texas Quad Index

1 : 10,500

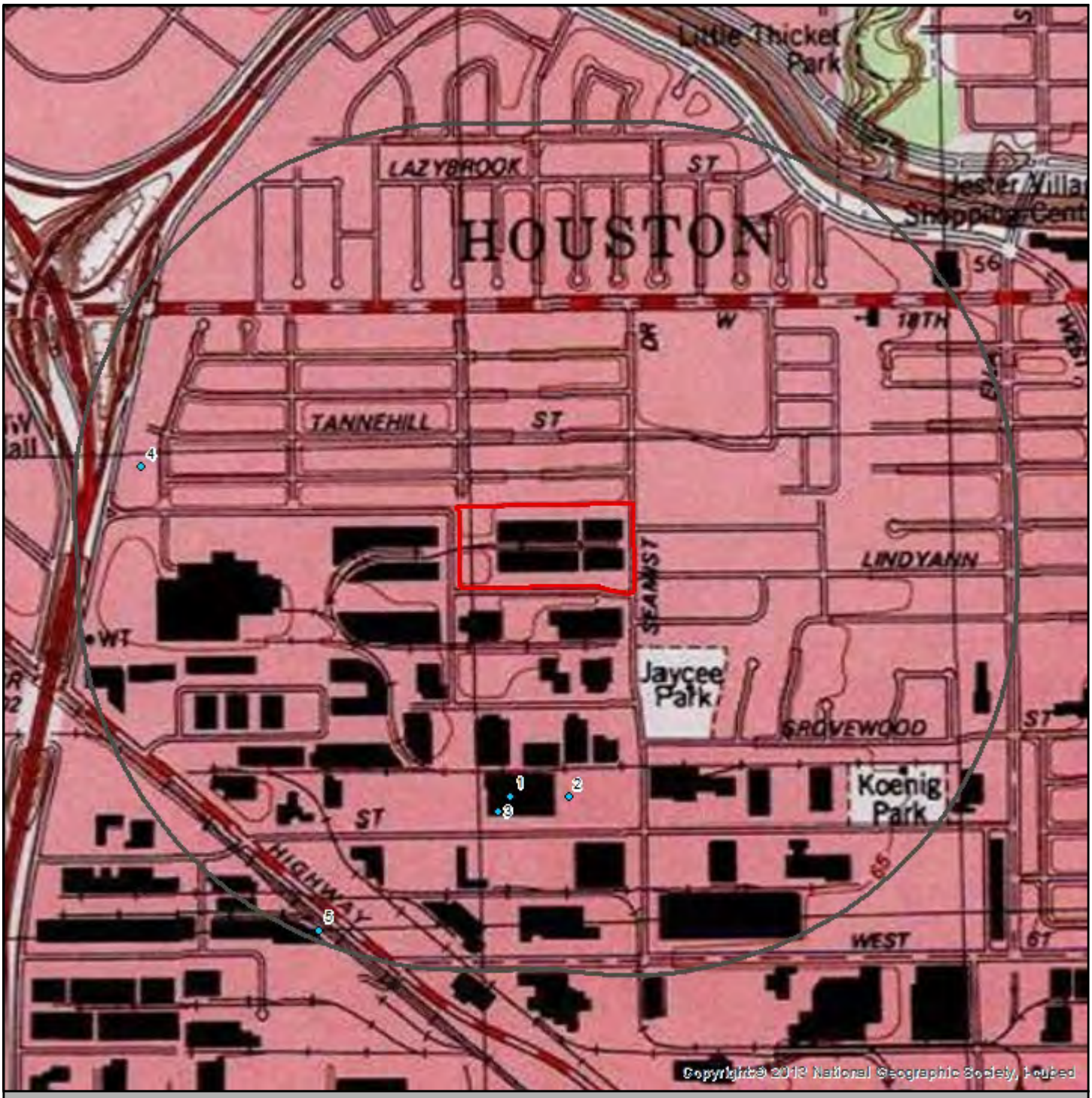
1 inch = 0.166 miles
1 inch = 875 feet
1 centimeter = 0.105 kilometers
1 centimeter = 105 meters

N

Lambert Conformal Conic Projection
1983 North American Datum
First Standard Parallel: 33 0' 00" North
Second Standard Parallel: 45 0' 00" North
Central Meridian: 96 0' 00" West
Latitude of Origin: 39 0' 00" North

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Topographic Overlay Map - 0.5 Mile Buffer



1501 Seamist Drive

Well

Well Cluster

Target Property

Search Buffer

Target Property Quad Name(s)
Houston Heights (1983)

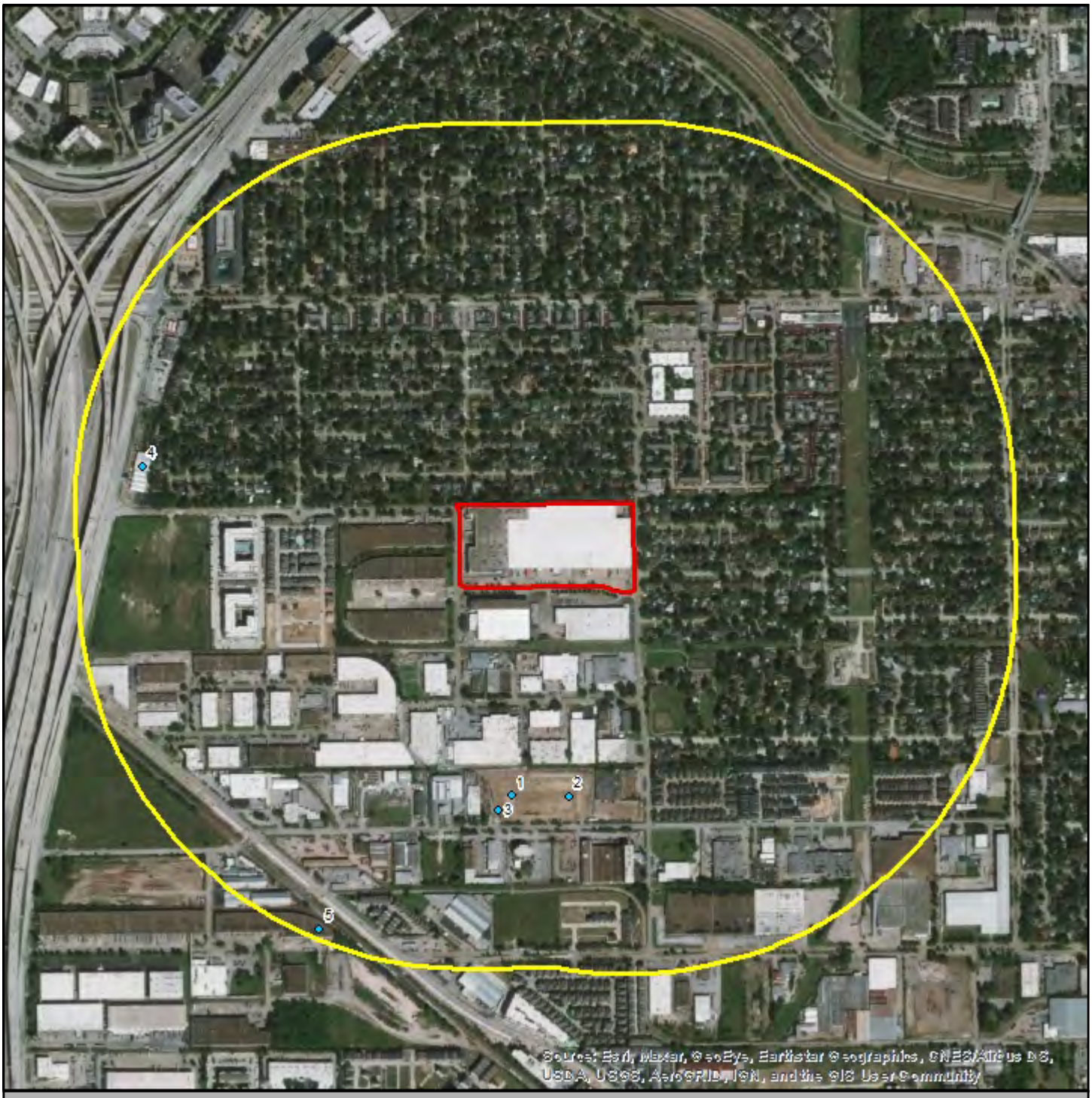
1 : 12,000
1 inch = 0.189 miles
1 inch = 1000 feet

Lambert Conformal Conic Projection
1983 North American Datum
First Standard Parallel: 33 0' 00" North
Second Standard Parallel: 45 0' 00" North
Central Meridian: 96 0' 00" West
Latitude of Origin: 39 0' 00" North

N

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Current Imagery Overlay Map - 0.5 Mile Buffer



1501 Seamist Drive

Well

Well Cluster

Target Property

Search Buffer

1 : 12,000

1 inch = 0.189 miles
1 inch = 1000 feet
1 centimeter = 0.120 kilometers
1 centimeter = 120 meters

N

Lambert Conformal Conic Projection
1983 North American Datum
First Standard Parallel: 33 0' 00" North
Second Standard Parallel: 45 0' 00" North
Central Meridian: 96 0' 00" West
Latitude of Origin: 39 0' 00" North

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
1	6513516	TX TWDB GW	General Electric	Industrial	533	3/6/1969	-95.440841	29.792227	67 ft	View
2	65-13-8C	TX TCEQ HIST	General Electric Co.	Industrial	533	03/06/1969	-95.43959	29.792208	67 ft	View
3	HGSD2756	TX HGSD	GENERAL ELECTRIC COMPANY	Irrigation	553	01/01/1969	-95.441117	29.791945	67 ft	N/A
4	65-13-5	TX TCEQ HIST	Houston Garden Center	Irrigation	400	11/07/2000	-95.448786	29.798484	70 ft	View
5	HGSD2844	TX HGSD	HOUSTON SHELL & CONCRETE	Irrigation	565	01/01/1965	-95.445007	29.789725	66 ft	N/A

Well Summary

Water Well Dataset	# of Wells
TX HGSD	2
TX TCEQ HIST	2
TX TWDB GW	1
Total Count	**5**

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 516 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 47 35 Longitude - 95 26 32 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - General Electric Driller - Lowry Water Wells

Address _____ Tenant/Oper. _____
Date Drilled - 03/06/1969 Depth - 533 ft. Source of Depth - D Altitude - 73 ft. Source of Alt. - M
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER Well Type - W User -

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) | Setting(feet) From | To

LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 15

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- D Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 11/03/1998

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

8C 65-13-8C GW 1

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711	State of Texas WATER WELL REPORT	For TWDB use only Well No. Located on map Received: Form GW 8 Form GW 9

1) OWNER:
Person having well drilled General Electric Company (Name) Address 3530 West 12th (Street or RFD) Houston (City) Texas (State)

Landowner Same (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris Labor League Abstract No.

NW¼ NE¼ SW¼ SE¼ of Section Block No. Survey
(Circle as many as are known)

miles in (NE, SW, etc.) direction from (Town)

NORTH

see reverse side for map.

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☒ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☐ Industrial ☒ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check):
Rotary ☒ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 6 in. Depth drilled 533 ft. Depth of completed well 533 ft. Date drilled 3-6-69

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	From (ft.)	To (ft.)	Description and color of formation material
0	28	Surface & Hard clay	221	235	Sand very broken
28	58	Loose fine sandy shale	235	240	Shale loose
58	130	Red clay	240	288	Sand
130	172	Sand broken	288	300	Shale
172	180	Sand	300	306	Sand
180	192	Sand broken	306	312	Shale
192	204	Blue shale	312	336	Sand breaks with shale
204	221	Sand			(Use reverse side if necessary) cont'd

7) COMPLETION (Check):
Straight wall ☒ Gravel packed ☐ Other ☐
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level 212 ft. below land surface Date 3-6-69
Artesian pressure lbs. per square inch Date

9) CASING:
Type: old ☐ New ☒ Steel ☒ Plastic ☐ Other ☐
Cemented from 0 ft. to 433 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
6"	0	433	

10) SCREEN:
Type Stainless Steel
Perforated ☒ Slotted ☐

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size
4" screen	533	513	.012
4" blank	513	470	
4" screen	470	450	.012
4" blank	450	443	

11) WELL TESTS:
Was a pump test made? ☐ Yes ☒ No If yes by whom?

Yield: gpm with ft. drawdown after hrs
Bailer test gpm with ft. drawdown after hrs
Artesian flow gpm Date
Temperature of water
Was a chemical analysis made? ☐ Yes ☒ No
Did any strata contain undesirable water? ☐ Yes ☐ No
Type of water? depth of strata

12) PUMP DATA: (cont'd)
Manufacturer's Name Jacuzzi Bros.
Type Submersible H.P. 15
Designed pumping rate gpm ☐ gph ☐
Type power unit Electric
Depth to bowls, cylinder, jet, etc., 320 ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME R.B. Lowry (Type or Print) Water Well Drillers Registration No. 146

Address P.O. Box 8707 (Street or RFD) Houston (City) Texas (State)

(Signed) (Water Well Driller) Lowry Water Wells (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

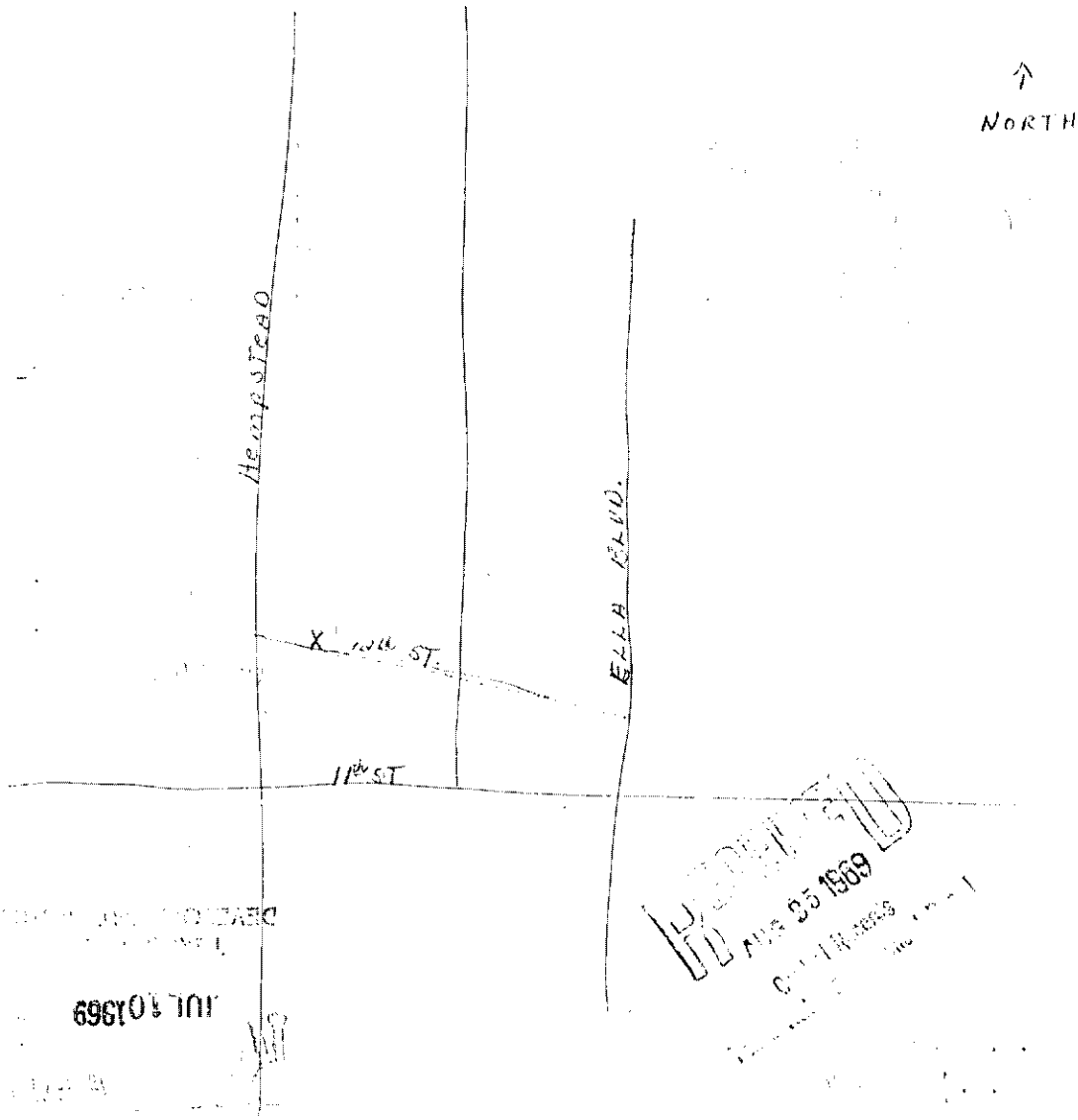
4820107585

Well log contunued

336	365	Red clay
365	384	Sand
384	430	Tough Clay
430	442	Sand
442		Break
442	456	Sand
456	461	Sand broken
461	473	Sand
473	480	Shale
480	490	Sand
490	515	Shale sand streaks
515	533	Sand

Screen set continued

4"screen	443	433	.012
4"blank	433	420	



Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
HOU. GARDEN CNTR.	5000 WESTPARK	HOU	TX	77056

2) WELL LOCATION

County	Physical Address	City	State	Zip
HARRIS	1700 W. LOOP NORTH	HOU	TX	77055

3) Type of Work ☒ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

Lat. Long. Grid # 65-13-5

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☒ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply If Public Supply well, were plans submitted? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11 / 6 / 00
Completed 11 / 7 / 00

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
6 3/4	0	400

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

0 - 5	CLAY
50 - 100	SAND
100 - 125	CLAY
125 - 200	SAND
200 - 265	CLAY
265 - 280	SAND
280 - 350	CLAY
350 - 400	SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other 2 STRING
If Gravel Packed give the interval from ft. to ft.

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
4	N	PVC CASING	0	370	
2.5	"	" LINER	360	370	
"	"	" SCREEN	370	400	.010

9) Cementing Data
Cementing from 0 ft. to 370 ft. #of sacks used 25
10 ft. to 0 ft. #of sacks used 10
Method Used HALLIBURTON
Cementing By SDI
Distance to septic system field or other concentrated contamination 400 ft.
Method of verification of above distance CITY SEWER

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion
☐ Specified Surface Slab Installed
☒ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Type Pump
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc. 315 ft.

11) Water Level
Static level 205 ft. below Date 11 / 7 / 00
Artesian Flow gpm. Date / /

15) Water Test
Typetest ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 60 gpm with ft. drawdown after hrs.

12) Packers Type Depth
K-PACKER 360

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☒ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made ☐ Yes ☒ No

Company or individual's Name (type or print)	SCOTT DRILLING, INC	Lic. No.	4839 WI
Address 11915 GREEN PINE CIRCLE	City HOU	State TX	Zip 77066

Signature Scott Tobman	11 / 15 / 00	Signature D. J. Inman	11 / 15 / 00
Licensed Driller/Pump Installer	Date	Apprentice	Date

TDLR FORM 1001WWD White - TDLR Yellow - Owner Pink - Driller/Pump Installer

4820124423

Dataset Descriptions and Sources

Dataset	Source	Dataset Description	Update Schedule	Data Requested	Data Obtained	Data Updated	Source Updated
TX HGSD - Texas HGSD	Harris Galveston Subsidence District/Fort Bend Subsidence District	This dataset contains all groundwater well records compiled by Harris Galveston Subsidence District/Fort Bend Subsidence District.	Quarterly	07/26/2021	08/04/2021	08/04/2021	08/04/2021
TX TCEQ HIST - Texas TCEQ Historical	Texas Commission on Environmental Quality	This dataset contains all historical water well records searched from the TCEQ Public Water Well Viewer. Banks Environmental Data plots each well record based on location information found on the log.	As requested	N/A	N/A	N/A	N/A
TX TCEQ PWS - Texas TCEQ PWS	Texas Commission on Environmental Quality	This dataset contains a collection of records from Texas Water Districts, Public Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ.	Quarterly	08/20/2021	08/20/2021	08/24/2021	08/20/2021
TX TWDB GW - Texas TWDB Groundwater Database	Texas Water Development Board	This dataset contains water well records contained within Texas Water Development Board Groundwater Database.	Quarterly	08/04/2021	08/04/2021	08/03/2021	08/04/2021
TX TWDB SDR - Texas TWDB Submitted Drillers Reports	Texas Water Development Board	This dataset contains water well records from the Texas Water Development Board Submitted Drillers Reports Database.	Quarterly	08/04/2021	08/04/2021	08/04/2021	08/03/2021
WW USGS - USGS Water Wells	U.S. Geological Survey	This dataset contains groundwater well records from the U.S. Geological Survey.	Semi-annually	07/27/2021	07/27/2021	07/28/2021	07/27/2021

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Disclaimer

The Banks Environmental Data Water Well Report was prepared from existing state water well databases and/or additional file data/records research conducted at the state agency and the U.S. Geological Survey. Banks Environmental Data has performed a thorough and diligent search of all groundwater well information provided and recorded. All mapped locations are based on information obtained from the source. Although Banks performs quality assurance and quality control on all research projects, we recognize that any inaccuracies of the records and mapped well locations could possibly be traced to the appropriate regulatory authority or the actual driller. It may be possible that some water well schedules and logs have never been submitted to the regulatory authority by the water driller and, thus, may explain the possible unaccountability of privately drilled wells. It is uncertain if the above listing provides 100% of the existing wells within the area of review. Therefore, Banks Environmental Data cannot fully guarantee the accuracy of the data or well location(s) of those maps and records maintained by the regulatory authorities.

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

CITY OF HOUSTON

Department of Public Works and Engineering

Policy Statement

To: Michael S. Marcotte, P.E., D.WRE, BCEE, Director

Mark L. Loethen, P.E.
Acting Deputy Director
Planning & Development Services Division

From: Carol Ellinger Haddock, P.E.
Senior Assistant Director
Planning & Development Services Division

Date: March 9, 2010

Subject: MSD applications in areas where the city does not currently supply drinking water but is capable of supplying drinking water

Policy

State regulations and City ordinances do not require that all properties within one-half mile of an MSD applicant's property be supplied with drinking water from the City, only that the City is capable of supplying drinking water to the area. Supporting an application for a Municipal Setting Designation (MSD) does not imply or commit the City to providing drinking water to the non-served properties within one-half mile of the site as a result of supporting the application. In addition, the MSD applicant must demonstrate that the area of contamination does not and will not impact any nearby water well(s), otherwise the applicant is responsible for connecting the well owner(s) to the City drinking water system at the applicant's expense.

Concurrence:

4/2/2010

Mark L. Loethen, P.E.
Acting Deputy Director
Planning & Development Services Division

5/10

Michael S. Marcotte, P.E., D.WRE, BCEE,
Director
Public Works & Engineering Department

Background

In 2003, the Texas Legislature authorized the creation of Municipal Setting Designations (MSDs), which is an official state designation given to property within a municipality or its extraterritorial jurisdiction that certifies that designated groundwater at the property is prohibited for use as drinking water. The law is administered by Texas Commission on Environmental Quality (TCEQ) and requires local city support to designate an MSD. The intent of the legislation is to encourage redevelopment of vacant or abandoned properties while protecting the public health, by providing a less expensive and faster alternative to the existing state environmental regulations governing the investigation and cleanup of contaminated groundwater. On August 22, 2007, City Council approved an Ordinance amending Chapter 47 of the Code of Ordinances by adding Article XIII "Municipal Setting Designations" relating to groundwater, which provides a process to support or not support a MSD application to the State.

Opportunity

It is anticipated that MSD applications will be submitted where all properties within one-half mile of the proposed MSD boundary are not currently supplied with City drinking water but the City is capable of supplying drinking water in the area. The applicant must technically demonstrate that the area of contamination does not and will not impact any well(s) within one-half mile of the MSD boundary or the applicant is responsible for connecting the well owner(s) to the City drinking water system at the applicant's expense. Supporting MSD applications encourage redevelopment of vacant or abandoned properties and make timely completion of cleanup action achievable while still protecting public health.

Requirements

The TCEQ requires an MSD applicant to be located within the corporate limits or extraterritorial jurisdiction of a municipality that supplies or is capable of supplying drinking water to the applicant's property and properties within ½ mile of the applicant's property (§ 361.803[1]). TCEQ does not require the municipality to supply drinking water to the area only that the municipality has the capacity to supply drinking water to the area. Also, Chapter 47 Section 765[2] of the City's Code of Ordinances only requires that a public drinking water supply system supply or is capable of supplying drinking water to the designated property and property within ½ mile of the proposed MSD boundary.

In addition, the TCEQ has established requirements (§ 361.808[3]) for the applicant if there are drinking water wells within ½ mile of the proposed MSD boundary. The applicant must determine if groundwater contamination on the site has caused or is likely to cause human health or ecological standards to be exceeded in the area located within ½ mile beyond the MSD boundary. If the investigation shows that the groundwater has not impacted any receptors in the area then the executive director will approve the MSD application. However if the investigation shows that the groundwater contamination has caused human health or ecological standards to be exceeded then the executive director will require the applicant to complete mandatory groundwater response actions including providing owners of impacted potable water wells a reliable alternate water supply. This puts the responsibility of connecting an impacted well owner to the City's potable water system firmly onto the applicant.

Conclusions

TCEQ does not require a municipality to supply drinking water to an MSD applicant's property and the properties within ½ mile of a proposed boundary, only that the municipality has the capacity to supply drinking water to the area.

While there is no regulation or ordinance that prevents the City from supporting an MSD application in an area where some of the surrounding properties are not supplied with drinking water from the City, PWE staff will evaluate support for these application on a site by site basis.

TCEQ requires the MSD applicant to determine if groundwater contamination from the applicant's property has or is likely to exceed human health or ecological standards. If the standards are exceeded the applicant will have to complete groundwater response actions to reduce the human health or ecological risks. These actions include providing owners of impacted potable water wells a reliable alternate water supply.

Regulations and Ordinances

---

[1] § 361.803. ELIGIBILITY FOR A MUNICIPAL SETTING DESIGNATION.

A person, including a local government, may submit a request to the executive director for a municipal setting designation for property if:

(1) the property is within the corporate limits or extraterritorial jurisdiction of a municipality authorized by statute that has a population of at least 20,000; and

(2) a public drinking water supply system exists that satisfies the requirements of Chapter 341 and that supplies or is capable of supplying drinking water to:

(A) the property for which designation is sought; and

(B) property within one-half mile of the property for which designation is sought.

[2] Sec. 47-765. City council public hearing.

(e) The city council shall deny the application if it finds that:

(1) It does not meet the eligibility criteria of section 361.803 of the Texas Health and Safety Code;

(2) The municipal setting designation will have an adverse effect on the current or future water resource needs or obligations of the city; or

(3) There is not a public drinking water supply system that satisfies the requirements of Chapter 341 of the Texas Health and Safety Code and that supplies or is capable of supplying drinking water to the designated property and property within one-half mile of the boundary of the designated property.

[3] § 361.808. INVESTIGATION AND RESPONSE ACTION REQUIREMENTS.

(a) If no potable water wells are located within one-half mile beyond the boundary of a municipal setting designation, the executive director shall not require a person addressing environmental impacts for a property located in the municipal setting designation to:
  (1) investigate the nature and extent of contamination in groundwater except to satisfy the requirements of Subsection (b); or
  (2) conduct response actions to remove, decontaminate, or control environmental impacts to groundwater based solely on potential potable water use.

(b) Notwithstanding Subsection (a), the executive director shall require a responsible person to complete a response action to address environmental impacts to groundwater in a certified municipal setting designation if action is necessary to ensure:
  (1) the protection of humans from exposures to environmental impacts to groundwater that are not related to a potable water use, including exposures from nonconsumptive uses and exposures resulting from inadvertent contact with contaminated groundwater; or
  (2) the protection of ecological resources.

(c) If potable water wells are located within one-half mile beyond the boundary of a municipal setting designation, the executive director shall require a person addressing environmental impacts for a property located in the municipal setting designation to complete an investigation to determine whether groundwater contamination emanating from the property has caused or is reasonably anticipated to cause applicable human health or ecological standards to be exceeded in the area located within one-half mile beyond the boundary of the certified municipal setting designation.

(d) If an investigation described in Subsection (c) confirms that groundwater emanating from the property has not caused and is not reasonably anticipated to cause applicable human health or ecological standards to be exceeded in the area located within one-half mile beyond the boundary of the certified municipal setting designation, the executive director shall approve the completion of groundwater response actions at the property except to the extent that response actions are necessary to satisfy Subsection (b).

(e) If an investigation described in Subsection (c) confirms that groundwater emanating from the property has caused or is reasonably anticipated to cause applicable human health or ecological standards to be exceeded in the area located within one-half mile beyond the boundary of the certified municipal setting designation, the executive director shall approve the completion of groundwater response action at the source property if the person addressing environmental impacts:
  (1) completes response actions at the source property to remove, decontaminate, or control environmental impacts to groundwater to meet applicable human health or ecological standards; or
  (2) completes response actions at the source property to remove, decontaminate, or control environmental impacts to groundwater that are not related to a potable water use, including actions to protect humans from exposures from nonconsumptive uses and exposures resulting from inadvertent contact with contaminated groundwater and actions to protect ecological resources, and:
    (A) provides to owners of impacted potable water wells described in Subsection (c) a reliable alternate water supply that will provide a volume of water sufficient for the intended use for a period not shorter than the period that the impacted wells exceed the human health or ecological standards and, after obtaining permission from such owners, files a restrictive covenant that prohibits the use of groundwater from those wells as potable water and restricts other uses of groundwater in a manner consistent with groundwater quality; or
    (B) expands the municipal setting designation in accordance with the procedures under this subchapter relating to the initial application for a municipal setting designation to include the properties with impacted potable water wells described in Subsection (c).

(f) Notwithstanding any other provision of this section, the executive director may require a person responsible for property within a certified municipal setting designation to complete a response action to address environmental impacts to groundwater emanating from the property that has caused or is reasonably anticipated to cause applicable human health or ecological standards to be exceeded in an area located more than one-half mile beyond the boundary of the certified municipal setting designation, provided such action is necessary to ensure:
  (1) the protection of humans from exposures to environmental impacts to groundwater; or
  (2) the protection of ecological resources.

(g) This subchapter relates to the scope of the response action that can be required by the executive director in municipal settings designated under this subchapter. Nothing in this subchapter shall be construed to alter or affect the private rights of action of any person under any statute or common law for personal injury or property damage caused by the release of contaminants. Nothing in this subchapter is meant to alter or supersede any requirement of a federally authorized environmental program administered by the State of Texas.

Appendix P

Appendix P

The name and address of each owner or operator of a water well registered or permitted by the state or the Houston-Galveston Subsidence District that is located within five miles of the boundary of the designated property, along with a map showing the location of each well and, to the extent known, a notation of whether each well is used for potable water. Well logs must be included in the electronic copy of the application but should not be included in the hard copies. (An accompanying electronic excel file with mailing information should be included with your application.)

Table P includes names and address of identified water well owners located within five miles of the proposed MSD boundary. The Water Well Report attached to this section includes a summary map and a copy of the water well search within a 5-mile radius of the Site.

TABLE P
5-MILE WATER WELL OWNER LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Map_ID	Current_Owner	Mail_Address	Mail_City	Mail_State	Mail_Zip
1	LAKESIDE PLACE PFC	2640 FOUNTAIN VIEW DR STE 400	HOUSTON	TX	77057-7610
1	LAKESIDE PLACE PFC	2640 FOUNTAIN VIEW DR STE 400	HOUSTON	TX	77057-7610
1	LAKESIDE PLACE PFC	2640 FOUNTAIN VIEW DR STE 400	HOUSTON	TX	77057-7610
2	STATE OF TEXAS C/O TX DOT	PO BOX 1386	HOUSTON	TX	77251-1386
2	DAVIS BROTHERS	1221 MCKINNEY ST STE 3100	HOUSTON	TX	77010-2009
3	WESTERN B SOUTH TX LLC C/O WESTERN LOGISTICS LLC	PO BOX A3879	CHICAGO	IL	60690-3879
3	UNION PACIFIC RAILROAD COMPANY UNION PACIFIC RAILROAD CO	1400 DOUGLAS ST STOP 1640	OMAHA	NE	68179-1001
4	BEESON SIROTA JV	1020 W LOOP NORTH STE 200	HOUSTON	TX	77055-7256
5	BAY EL CAMINO REAL LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
5	PRP 3200 W11TH LLC	3737 BUFFALO SPEEDWAY STE 1100	HOUSTON	TX	77098-3740
6	RODRIGUEZ CAROL	813 ALGONA AVE	HOUSTON	TX	77008-3284
6	SILVESTRI INVESTMENTS OF FLORIDA INC	1215 GESSNER RD	HOUSTON	TX	77055-6013
6	SERGEEVA ZHANNA	911 VAULTED OAK ST	HOUSTON	TX	77008-1448
6	HUANG KENNETH YAU M	3511 WINDMILL ELM ST	HOUSTON	TX	77008-1360
6	DEVELOPMENT HOUSTON IN TOWN LP	609 MAIN ST STE 4400	HOUSTON	TX	77002
7	GRAY SARA J & GARY	953 DUNLEIGH MEADOWS	HOUSTON	TX	77055-1933
7	HARRIS COUNTY MUD NO 537	11111 KATY FWY STE 725	HOUSTON	TX	77079-2175
8	SAM HOUSTON AREA COUNCIL BOY SCOUTS AME	PO BOX 52786	HOUSTON	TX	77052-2786
8	SAM HOUSTON AREA COUNCIL BOY SCOUTS AME	PO BOX 52786	HOUSTON	TX	77052-2786
9	HY BROOKHOLLOW LLC % OAK LEAF MANAGEMENT	9555 W SAM HOUSTON PKWY S STE 250	HOUSTON	TX	77099-2145
10	HARRIS COUNTY MUD NO 537	11111 KATY FWY STE 725	HOUSTON	TX	77079-2175
10	HARRIS COUNTY MUD NO 537	11111 KATY FWY STE 725	HOUSTON	TX	77079-2175
10	GALE MICHAEL L & SHERYL I	705 SOMERSET COMMONS LN	HOUSTON	TX	77055
11	AUTOMATION PRODUCTS INC	3030 MAXROY ST	HOUSTON	TX	77008-6219
12	CPT OKR OWNER LLC	5847 SAN FELIPE ST STE 3600	HOUSTON	TX	77057-3263
12	CPT OKR OWNER LLC	5847 SAN FELIPE ST STE 3600	HOUSTON	TX	77057-3263
12	CPT OKR OWNER LLC	5847 SAN FELIPE ST STE 3600	HOUSTON	TX	77057-3263
12	7055 OLD KATY ROAD LLC	PO BOX 448 1310 MEETINGHOUSE RD	GWYNEDD	PA	19436-0448
12	7055 OLD KATY ROAD LLC	PO BOX 448 1310 MEETINGHOUSE RD	GWYNEDD	PA	19436-0448
12	PRISA ACQUISITION LLC	8 CAMPUS DR	PARSIPPANY	NJ	07054-4409
13	8200 WASHINGTON PURCHASE LLC	251 LITTLE FALLS DR	WILMINGTON	DE	19808-1674
13	SOUTHERN PACIFIC RAILROAD COMPANY UNION PACIFIC RAILROAD CO	1400 DOUGLAS ST STOP 1640	OMAHA	NE	68179-1001
14	7122 NEW KATY ROAD LLC	3617 INWOOD DR	HOUSTON	TX	77019-3023
14	GOODWILL INDUSTRIES OF HOUSTON	1140 WEST LOOP N	HOUSTON	TX	77055-7218
15	HARTMAN SPE LLC	2909 HILLCROFT ST STE 420	HOUSTON	TX	77057-5815
16	TLV ENTERPRISES INC	1523 N POST OAK RD	HOUSTON	TX	77055-
16	TT INVESTMENT CO	1503 N POST OAK RD	HOUSTON	TX	77055-5409
17	MISSOURI PACIFIC RAILROAD COMPANY UNION PACIFIC RAILROAD CO	1400 DOUGLAS ST STOP 1640	OMAHA	NE	68179-1001
18	AHC DACOMA LLC	1800 AUGUSTA DR STE 150	HOUSTON	TX	77057-3190
19	HOSPITALITY WAREHOUSE INC	1510 WEST LOOP S	HOUSTON	TX	77027-9505
19	METROPOLITAN TRANSIT AUTH	PO BOX 61429	HOUSTON	TX	77208-1429
20	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
20	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
21	ST PAUL FIRE & MARINE INS CO	385 WASHINGTON ST STE 511A	SAINT PAUL	MN	55102-1309
21	SMALLEY GEORGE F & BEHNAZ N	7518 AWTY SCHOOL LN	HOUSTON	TX	77055-7353
21	AWTY INTERNATIONAL SCHOOL	7455 AWTY SCHOOL LN	HOUSTON	TX	77055-7222
21	HCL MARQE LLC	7800 WASHINGTON AVE STE 800	HOUSTON	TX	77007-4625

TABLE P
5-MILE WATER WELL OWNER LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Map_ID	Current_Owner	Mail_Address	Mail_City	Mail_State	Mail_Zip
21	HCL MARQE LLC	7800 WASHINGTON AVE STE 800	HOUSTON	TX	77007-4625
21	HCL MARQE LLC	7800 WASHINGTON AVE STE 800	HOUSTON	TX	77007-4625
21	HCL MARQE LLC	7800 WASHINGTON AVE STE 800	HOUSTON	TX	77007-4625
21	HCL MARQE LLC	7800 WASHINGTON AVE STE 800	HOUSTON	TX	77007-4625
22	TEXAS DEPARTMENT OF TRANSPORTATION	PO BOX 1386	HOUSTON	TX	77251-1386
23	AGUILAR ADRIAN C	PO BOX 924353	HOUSTON	TX	77292-4353
24	STONEWOOD GFPG LLC TREVOR NAZZARO	320 S TELLER ST STE 220	DENVER	CO	80226-7392
24	STONEWOOD GFPG LLC TREVOR NAZZARO	320 S TELLER ST STE 220	DENVER	CO	80226-7392
25	BAYOU CLUB OF HOUSTON	8550 MEMORIAL DR	HOUSTON	TX	77024-7725
25	BAYOU CLUB OF HOUSTON	8550 MEMORIAL DR	HOUSTON	TX	77024-7725
26	ALONGE OLUWASEUM B	7550 AWTY SCHOOL LN	HOUSTON	TX	77055-7353
26	RAVENNA BUILDING GROUP LLC	1520 OLIVER ST STE 270	HOUSTON	TX	77007-6035
26	WAL-MART REAL ESTATE BUSINESS TRUST	2001 SE 10TH ST	BENTONVILLE	AR	72712-6489
27	AMESCUA MATTHEW I	2111 OATFIELD DR	HOUSTON	TX	77018-1494
28	BAYOU CLUB OF HOUSTON	8550 MEMORIAL DR	HOUSTON	TX	77024-7725
28	BAYOU CLUB OF HOUSTON	8550 MEMORIAL DR	HOUSTON	TX	77024-7725
29	1603 DT LP	PO BOX 7600	HOUSTON	TX	77270-7600
29	1603 DT LP	PO BOX 7600	HOUSTON	TX	77270-7600
30	CLARK JOHN M	8802 CHATSWORTH DR	HOUSTON	TX	77024-3708
31	CLARKE STEPHANIE ANN	9014 KENILWORTH ST	HOUSTON	TX	77024-3716
31	HCL MARQE LLC	7800 WASHINGTON AVE STE 800	HOUSTON	TX	77007-4625
32	PARK PLAZA APTS II LLC	3740 GREENBRIAR DR #542240	HOUSTON	TX	77254-1019
33	THORNTON GARDNER S & CLAUDIA	8914 LIMERICK LN	HOUSTON	TX	77024-3721
34	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
34	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
34	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
34	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
34	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
34	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
34	MSN PROPERTIES % JOHN STEELE	846 W 27TH ST	HOUSTON	TX	77008-1706
34	MSN PROPERTIES % JOHN STEELE	846 W 27TH ST	HOUSTON	TX	77008-1706
35	WAL-MART REAL ESTATE BUSINESS TRUST	2001 SE 10TH ST	BENTONVILLE	AR	72712-6489
35	HCL MARQE LLC	7800 WASHINGTON AVE STE 800	HOUSTON	TX	77007-4625
35	HCL MARQE LLC	7800 WASHINGTON AVE STE 800	HOUSTON	TX	77007-4625
35	HCL MARQE LLC	7800 WASHINGTON AVE STE 800	HOUSTON	TX	77007-4625
35	HCL MARQE LLC	7800 WASHINGTON AVE STE 800	HOUSTON	TX	77007-4625
35	HCL MARQE LLC	7800 WASHINGTON AVE STE 800	HOUSTON	TX	77007-4625
35	HCL MARQE LLC	7800 WASHINGTON AVE STE 800	HOUSTON	TX	77007-4625
35	HCL MARQE LLC	7800 WASHINGTON AVE STE 800	HOUSTON	TX	77007-4625
35	PARTOU LLC % REZA KASSRAIAN	4923 BIRCH ST STE 125	NEWPORT BEACH	CA	92660-
36	JOHNSON CODY T & CHRISTINA L	4316 TULSA RD	HOUSTON	TX	77092-6706
37	CENTERPOINT ENERGY HOU ELE PROPERTY TAX DEPT 38TH FLR	PO BOX 1475	HOUSTON	TX	77251-1475
38	MAHONEY MARK	904 GARDEN OAKS TER	HOUSTON	TX	77018-5538
39	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
39	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
39	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
39	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562

TABLE P
5-MILE WATER WELL OWNER LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Map_ID	Current_Owner	Mail_Address	Mail_City	Mail_State	Mail_Zip
39	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
40	KADES REVOCABLE TRUST	8844 MEMORIAL DR	HOUSTON	TX	77024-5809
40	TAVAKOLI FARDIN S & ELLEN	8818 SANDRINGHAM DR	HOUSTON	TX	77024-5819
40	CURRENT OWNER	8917 MEMORIAL DR	HOUSTON	TX	77024-5810
41	RC CLOCK TOWER LP	714 YALE ST STE 2Z	HOUSTON	TX	77007-2978
42	GRIMMER KIMBERLY & ANDREW	941 JUDIWAY ST	HOUSTON	TX	77018-6201
42	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
43	V & G REALTY COMPANY	1201 N SHEPHERD DR	HOUSTON	TX	77008-6532
44	GRAY ROBERT F JR & GAIL S	8715 CRESCENT GATE LN	HOUSTON	TX	77024-7029
44	CURRENT OWNER	8610 CRESCENT GATE LN	HOUSTON	TX	77024-7026
44	STABLEWOOD PROPERTY OWNERS	310 STABLEWOOD BLVD	HOUSTON	TX	77024-7050
44	R J MURPHY & OE COSCIO	314 N POST OAK LN	HOUSTON	TX	77024-5904
45	CUPP CHARLES	1237 ALTHEA DR	HOUSTON	TX	77018-5230
46	LOYA LETICIA B	416 CARNARVON DR	HOUSTON	TX	77024-7008
46	NGUYEN DUNG THI	8735 MEMORIAL DR	HOUSTON	TX	77024-7010
46	WEITZ RICARDO M & MARTINE	423 CARNARVON DR	HOUSTON	TX	77024-7000
47	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
47	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
47	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
47	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
47	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
47	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
47	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
48	SILBER MONTGOMERY LLC C/O FELLERS SCHEWE SCOTT & ROBERTS INC	PO BOX 450233	ATLANTA	GA	31145-0233
48	IKEA PROPERTY INC ATTN: TAX DEPARTMENT	420 ALAN WOOD RD	CONSHOHOCKEN	PA	19428-1141
49	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
49	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
49	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
49	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
49	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
49	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
49	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
49	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
49	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
49	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
49	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
49	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
49	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
49	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
50	CITY OF HOUSTON	PO BOX 1562	BAYTOWN	TX	77522-1562
51	WILLIAM NATHAN MITCHELLDALE	5511 MITCHELLDALE ST	HOUSTON	TX	77092-7217
52	VO KELLEY M	1538 ANTOINE DR	HOUSTON	TX	77055-5102
52	URIOSTEGUI GONZALO	1542 ANTOINE DR	HOUSTON	TX	77055-5102
53	CURRENT OWNER	9321 OAKFORD CT	HOUSTON	TX	77024-3615
53	BERGQUIST DAVID	528 BUCKINGHAM DR	HOUSTON	TX	77024-5805
53	RUDY BEVERLY D	5701 WOODWAY DR STE 346	HOUSTON	TX	77057-1505
53	TANG JAMES	9201 MEMORIAL DR	HOUSTON	TX	77024-5816

TABLE P
5-MILE WATER WELL OWNER LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Map_ID	Current_Owner	Mail_Address	Mail_City	Mail_State	Mail_Zip
54	BEST PAK-REM INC % WASTE MANAGEMENT	PO BOX 1450	CHICAGO	IL	60690-1450
55	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
55	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
55	GUNTER DAVID T & BEATRIZ E	1221 TURNBURY OAK ST	HOUSTON	TX	77055-7016
55	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
56	CURRENT OWNER	1 WINSTON WOODS DR	HOUSTON	TX	77024-7049
56	CURRENT OWNER	111 CARNARVON DR	HOUSTON	TX	77024-7015
56	KRAMER STEPHEN J & LAUREN P	119 CARNARVON DR	HOUSTON	TX	77024-7015
56	100 CARNARVON LLC	2802 TIMMONS LN UNIT 27440	HOUSTON	TX	77227-0180
56	MCALISTER JAMES A JR	316 BUCKINGHAM DR	HOUSTON	TX	77024-5801
56	MEAD GARY L & JANET L	324 BUCKINGHAM DR	HOUSTON	TX	77024-5801
56	CURRENT OWNER	332 BUCKINGHAM DR	HOUSTON	TX	77024-5801
57	CURRENT OWNER	PO BOX 55528	HOUSTON	TX	77255-5528
57	WILLIAMS MARIO	701 W FRIAR TUCK LN	HOUSTON	TX	77024-3604
57	HARL ROBERT R & CASSIE L	327 E FRIAR TUCK LN	HOUSTON	TX	77024-5734
58	THE REDSTONE BUILDING LP	109 N POST OAK LN STE 220	HOUSTON	TX	77024-7750
58	HOUSTONIAN CAMPUS LTD	109 N POST OAK LN STE 220	HOUSTON	TX	77024-7750
58	HOUSTONIAN CAMPUS LTD	109 N POST OAK LN STE 220	HOUSTON	TX	77024-7750
58	HOUSTONIAN CAMPUS LTD	109 N POST OAK LN STE 220	HOUSTON	TX	77024-7750
58	FAY SCHOOL	105 N POST OAK LN	HOUSTON	TX	77024-7703
58	FAY SCHOOL	105 N POST OAK LN	HOUSTON	TX	77024-7703
59	KELM NATHAN RAY	1919 HARLAND DR	HOUSTON	TX	77055-1821
59	AS & RM PROPERTIES LLC	11 ROMA RIDGE DR	MISSOURI CITY	TX	77459-1170
60	HERITAGE SENIOR RESIDENCES LP	161 NW 6TH ST STE 102	MIAMI	FL	33136-4113
61	CROKER PHILIP & CANDICE	709 SUE BARNETT DR	HOUSTON	TX	77018-5411
62	WAY STEPHEN L	PO BOX 751987	HOUSTON	TX	77275-1987
62	CIZIK JANE	8839 HARNESS CREEK LN	HOUSTON	TX	77024-7044
62	CIZIK JANE M	8839 HARNESS CREEK LN	HOUSTON	TX	77024-7044
62	CURRENT OWNER HARNESS CREEK HOUSE TRUST	PO BOX 52890	HOUSTON	TX	77052-2890
62	DAVIS CARL A & LOIS	8822 STABLE CREST BLVD	HOUSTON	TX	77024-7034
63	WANN WILLIAM J	1521 WOODVINE DR	HOUSTON	TX	77055-5015
64	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
64	BLOUNT SHELLEY N	2612 ASHLAND ST	HOUSTON	TX	77008
64	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
64	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
64	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
64	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
64	340 WEST 26TH STREET LLC	1401 MCKINNEY STE 1700	HOUSTON	TX	77010-4037
64	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
64	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
64	NFF REALTY LLC	2828 TROUT ST	HOUSTON	TX	77093-5546
65	LAUFMAN HERBERT J	5555 DEL MONTE DR	HOUSTON	TX	77056-4100
66	CONTELLO MICHAEL	804 FISHER ST	HOUSTON	TX	77018-5322
67	BLALOCK JOHN W	5120 MILWEE ST	HOUSTON	TX	77092-6618
68	3325 LLC	2105 SOUTH BLVD	HOUSTON	TX	77098-5334
69	GROVES COLLIN JAMES	301 W 21ST ST	HOUSTON	TX	77008-2409
70	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562

TABLE P
5-MILE WATER WELL OWNER LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Map_ID	Current_Owner	Mail_Address	Mail_City	Mail_State	Mail_Zip
71	ANTOINE LLC	PO BOX 441146	HOUSTON	TX	77244-1146
72	CURRENT OWNER	333 W FRIAR TUCK LN	HOUSTON	TX	77024-5741
72	PIEPER W BERNARD & ADELE H	402 W FRIAR TUCK LN	HOUSTON	TX	77024-5710
72	CURRENT OWNER	502 W FRIAR TUCK LN	HOUSTON	TX	77024-5712
72	ALEXANDER ANDREW & JULIE	501 W FRIAR TUCK LN	HOUSTON	TX	77024-5711
72	WEST FRIAR TUCK LN	325 W FRIAR TUCK LN	HOUSTON	TX	77024-5733
72	WEST FRIAR TUCK LN	325 W FRIAR TUCK LN	HOUSTON	TX	77024-5733
72	DUGAN LYDIA P	3009 POST OAK BLVD STE 1212	HOUSTON	TX	77056-6599
72	UNGER T J & ADRIENNE	515 E FRIAR TUCK LN	HOUSTON	TX	77024-5704
72	HARL ROBERT R & CASSIE L	327 E FRIAR TUCK LN	HOUSTON	TX	77024-5734
73	HARRIS COUNTY FLOOD CONTROL DISTRICT	9900 NORTHWEST FWY	HOUSTON	TX	77092-8601
73	TODD & PAIGE JOHNSON FAMILY TRUST	PO BOX 7946	HOUSTON	TX	77270-7946
74	HAWKINS CHRISTOPHER & MADELINE	1345 CURTIN ST	HOUSTON	TX	77018-3124
75	CHIUS PROPERTIES INVESTMENT LLC	1227 BERRYSTONE TRL	MISSOURI CITY	TX	77459-1507
75	CHIUS PROPERTIES INVESTMENT LLC	1227 BERRYSTONE TRL	MISSOURI CITY	TX	77459-1507
75	PESANTEZ NANCY M	17534 SHADOW LAWN WAY	HOUSTON	TX	77095-7034
76	100 CARNARVON LLC	2802 TIMMONS LN UNIT 27440	HOUSTON	TX	77227-0180
76	PARSONS JEFFREY R & REBECCA O	7 WINSTON WOODS DR	HOUSTON	TX	77024-7049
77	RICHARDSON SCOTT H	310 TERRACE DR	HOUSTON	TX	77007-5047
78	LUPE FIVE LLC	3903 BELLAIRE BLVD STE A	HOUSTON	TX	77025-1154
79	AURUBA INVESTMENTS LLC	6206 PALOMA PARK CT	HOUSTON	TX	77041-6246
79	STATE OF TEXAS % TX DOT	PO BOX 1386	HOUSTON	TX	77251-1386
80	VALENTINE DONALD G & CATHERINE L	527 LITTLE JOHN LN	HOUSTON	TX	77024-5718
81	DELOSSANTOS CARLOS JR & AMANDA	8818 SONNEVILLE DR	HOUSTON	TX	77080-3039
81	BEDEL DIDIER MARIE & CATHERINE JANINE	7714 JANAK DR	HOUSTON	TX	77055-3613
81	ATMA TH OWNER LLC	2051 GREENHOUSE RD STE 300	HOUSTON	TX	77084-7859
82	WHILDEN WADE H JR	22 SADDLEBROOK LN	HOUSTON	TX	77024-3404
82	WMS HOLDINGS LLC	22 SADDLEBROOK LN	HOUSTON	TX	77024-3404
82	WMS HOLDINGS LLC	22 SADDLEBROOK LN	HOUSTON	TX	77024-3404
82	WOODLAWN GARDEN OF MEMORIES INC	8010 KATY FWY	HOUSTON	TX	77024-1908
82	STATE OF TEXAS	PO BOX 1386	HOUSTON	TX	77251-1386
82	CROWN CASTLE USA INC	4017 WASHINGTON RD PMB353	CANONSBURG	PA	15317-2510
82	CENTERPOINT ENERGY HOU ELE PROPERTY TAX DEPARTMENT	PO BOX 1475	HOUSTON	TX	77251-1475
83	QUARRIES DIRECT INTERNATIONAL LLC	2633 N 24TH DR	PHOENIX	AZ	85009-1809
83	NEVCO AUTO INC	5821 GARDENDALE DR	HOUSTON	TX	77092-7017
83	MURPHY SHARLENE K & PATRICK M	12158 RICHLAND DR	CATHARPIN	VA	20143-1103
83	ROBINSON CORA M	4601 NASA PKWY APT 110A	SEABROOK	TX	77586-5523
84	CURRENT OWNER	7802 BELLEWOOD DR	HOUSTON	TX	77055-6806
84	VOLLERS IAN	1215 DRURY LN	HOUSTON	TX	77055-6833
84	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
84	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
84	CURRENT OWNER	1212 DRURY LN	HOUSTON	TX	77055-6833
84	KIMBROUGH JAMES R II	7620 BELLEWOOD DR	HOUSTON	TX	77055-6802
84	KIMBROUGH JAMES R II	7620 BELLEWOOD DR	HOUSTON	TX	77055-6802
84	KIMBROUGH JAMES R II	7620 BELLEWOOD DR	HOUSTON	TX	77055-6802
85	RIVER POINTE COMMUNITY CHURCH	5000 RANSOM RD	RICHMOND	TX	77469-6323
85	SUBURBAN LEASES	4201 SUNSET BLVD	HOUSTON	TX	77005-1907

TABLE P
5-MILE WATER WELL OWNER LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Map_ID	Current_Owner	Mail_Address	Mail_City	Mail_State	Mail_Zip
85	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
85	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
86	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
86	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
87	CURRENT OWNER % SHELDON & CLAYTON ERIKSON LIVING TRUST	4 LONGBOW LN	HOUSTON	TX	77024-5722
87	CURRENT OWNER	331 W FRIAR TUCK LN	HOUSTON	TX	77024-5741
87	CURRENT OWNER	331 W FRIAR TUCK LN	HOUSTON	TX	77024-5741
88	ABDO GEORGE J & DONNA D	28 CRESTWOOD DR	HOUSTON	TX	77007-7007
89	AMELIA PRO LLC	1920 WIRT RD	HOUSTON	TX	77055-2409
89	JCA 1928 LLC	6237 INWOOD DR	HOUSTON	TX	77057-3507
89	WOMENS HOME	607 WESTHEIMER RD	HOUSTON	TX	77006-3915
90	STRACHAN ANDREW J & JOANNA M	5203 BRIAR DR	HOUSTON	TX	77056-1101
91	CURRENT OWNER	1306 SUE BARNETT DR	HOUSTON	TX	77018-4424
91	PYLANT EDWARD & KRISTIN	1310 SUE BARNETT DR	HOUSTON	TX	77018-4424
91	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
92	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
92	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
93	HOUSTON PINE FOREST LTD % BILLINGSLEY CO	4100 INTERNATIONAL PKWY STE 1100	CARROLLTON	TX	75007-1973
94	7706 PROPERTIES LLC	6614 RODRIGO	HOUSTON	TX	77007-2045
95	OWEN ANNE DALE	4 PINE FOREST CIR	HOUSTON	TX	77056-1408
95	MCCONN JOHN LUKE III & KATHERINE R	301 SAGE RD APT 2	HOUSTON	TX	77056-
95	BRACEWELL BRADLEY III & SARAH C	301 SAGE RD 4	HOUSTON	TX	77056-
96	SIKHTIAN SUHAIL A	2909 INWOOD DR	HOUSTON	TX	77019-3221
97	COSKEY JULIAN B JR & ANNE Z	37 SADDLEBROOK LN	HOUSTON	TX	77024-3404
98	DO HONG DANG & % 11TH ST CLEANERS	220 E 11TH ST	HOUSTON	TX	77008-7032
98	DO HONG DANG & % 11TH ST CLEANERS	220 E 11TH ST	HOUSTON	TX	77008-7032
99	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
99	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
99	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
99	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
100	KING ROBERT JERALD	515 TIMBER TERRACE RD	HOUSTON	TX	77024-5627
101	APPAREDDY JAGADISH	203 W 33RD ST	HOUSTON	TX	77018-7601
102	WOLFE MARVIN T JR HENRY THOMAS JR & MARVIN WOLFE REV TR	7802 BRYONWOOD DR	HOUSTON	TX	77055-6825
102	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
102	RIZO-PATRON RAUL & ELSA	4 HILSHIRE OAKS CT	HOUSTON	TX	77055-7500
103	SIDRA RIVERWAY LLC	2 RIVERWAY STE 110	HOUSTON	TX	77056-1939
104	HEROLZ ROBERT A JR	5202 MEMORIAL DR	HOUSTON	TX	77007-8208
104	HEROLZ ROBERT A JR	5202 MEMORIAL DR	HOUSTON	TX	77007-8208
105	WILSON HERMAN T JR	2001 KIRBY DR STE 712	HOUSTON	TX	77019-6033
105	4 PINEHILL LLC	1000 LOUISIANA ST STE 7000	HOUSTON	TX	77002-5049
105	SLADE STEPHEN	1 PINEHILL LN	HOUSTON	TX	77019-1111
105	TOUSSAINT JOHN & ERIKA S	3688 WILLOWICK RD	HOUSTON	TX	77019-1114
105	KOTTS JOHN P & COLLEEN Q	3737 WILLOWICK RD	HOUSTON	TX	77019-1115
106	NATIONAL RETAIL PROPERTIES LP	450 S ORANGE AVE STE 900	ORLANDO	FL	32801-3339
107	BALL LEONARD L	807 JANISCH RD	HOUSTON	TX	77018-1511
108	CENTERPOINT ENERGY HOU ELE PROPERTY TAX DEPARTMENT	PO BOX 1475	HOUSTON	TX	77251-1475
109	LAUREATE RE INVESTORS LP	1800 AUGUSTA DR 4TH FLR	HOUSTON	TX	77057-3149

TABLE P
5-MILE WATER WELL OWNER LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Map_ID	Current_Owner	Mail_Address	Mail_City	Mail_State	Mail_Zip
109	VELARDE LAURA DELIA CAMPERO	10022 PARK TRL LOT 8	HOUSTON	TX	77024-5643
110	CURRENT OWNER	3665 WILLOWICK RD	HOUSTON	TX	77019-1113
110	CURRENT OWNER	3665 WILLOWICK RD	HOUSTON	TX	77019-1113
110	CURRENT OWNER	3665 WILLOWICK RD	HOUSTON	TX	77019-1113
111	KLEIN BENJAMIN & JOYCE	14 W BROAD OAKS DR	HOUSTON	TX	77056-1204
112	CURRENT OWNER	640 SHADY HOLLOW ST	HOUSTON	TX	77056-1636
113	RIVER OAKS COUNTRY CLUB	1600 RIVER OAKS BLVD	HOUSTON	TX	77019-1202
113	RIVER OAKS COUNTRY CLUB	1600 RIVER OAKS BLVD	HOUSTON	TX	77019-1202
113	RIVER OAKS COUNTRY CLUB	1600 RIVER OAKS BLVD	HOUSTON	TX	77019-1202
113	RIVER OAKS COUNTRY CLUB	1600 RIVER OAKS BLVD	HOUSTON	TX	77019-1202
113	RIVER OAKS COUNTRY CLUB	1600 RIVER OAKS BLVD	HOUSTON	TX	77019-1202
114	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
115	RIVER OAKS COUNTRY CLUB	1600 RIVER OAKS BLVD	HOUSTON	TX	77019-1202
116	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
116	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
117	CURRENT OWNER	3933 ESSEX LN	HOUSTON	TX	77027-5113
117	CURRENT OWNER	3933 ESSEX LN	HOUSTON	TX	77027-5113
117	MORIAN STANLEY R	300 JACKSON HILL ST	HOUSTON	TX	77007-7430
118	KUBICEK LADIKE & SHIRLEY	11307 MAPLE SPRINGS DR	HOUSTON	TX	77043-5601
119	CURRENT OWNER	5143 HOLLY TERRACE DR	HOUSTON	TX	77056-2125
120	SAINT THOMAS HIGH SCHOOL	4500 MEMORIAL DR	HOUSTON	TX	77007-7332
120	SAINT THOMAS HIGH SCHOOL	4500 MEMORIAL DR	HOUSTON	TX	77007-7332
121	FIRST AUTO CONNECTION INC	8129 LONG POINT RD	HOUSTON	TX	77055-2031
122	EARTHMAN FUNERAL DIRECTORS-HUNTERS CREEK C/O SCI CORP 9TH FL	PO BOX 130548	HOUSTON	TX	77219-0548
123	RAYSON COMPANY	PO BOX 920883	HOUSTON	TX	77292-0883
124	STEELE JOHN S	56 TIEL WAY	HOUSTON	TX	77019-1510
124	KIRBY RIDGE LLC C/O CAPRICUS LTD WOODBOURNE HALL	PO BOX 3162 VG1110	ROAD TOWN TORTOLA	VG (British)	1110
124	CURRENT OWNER	2 TIEL WAY	HOUSTON	TX	77019-1510
124	CURRENT OWNER	2 TIEL WAY	HOUSTON	TX	77019-1510
124	CURRENT OWNER	PO BOX 130688	HOUSTON	TX	77219-0688
124	CURRENT OWNER	PO BOX 130688	HOUSTON	TX	77219-0688
125	PRIME REAL ESTATE HOLDINGS LLC	4400 POST OAK PKWY STE 2250	HOUSTON	TX	77027-3431
126	WEEDEN BETTY	1515 HUGE OAKS ST	HOUSTON	TX	77055-3419
127	ROCA EDGAR F	1401 HUGE OAKS ST	HOUSTON	TX	77055-3417
127	CURRENT OWNER	7941 KATY FWY STE 323	HOUSTON	TX	77024-1924
127	CURRENT OWNER	1414 HUGE OAKS ST	HOUSTON	TX	77055-3418
127	GRIFFITHS ALLISON W & DAVID B C/O GRIFFITHS PAY IT FORWARD REVOC TRUST	1324 PINE CHASE DR	HOUSTON	TX	77055-6722
128	CURRENT OWNER	1217 ARCHLEY DR	HOUSTON	TX	77055-6706
129	CAMERON FAMILY LIVING TRUST	1615 POTOMAC DR	HOUSTON	TX	77057-1927
129	CUNNINGHAM CHARLES L III	4202 TEXANA	BAYTOWN	TX	77523-0775
129	3339 PINEMONT LLC	7721 PINEMONT DR	HOUSTON	TX	77040-6203
130	AM REIT UPTOWN PARK LP C/O EDENS	PO BOX 528	COLUMBIA	SC	29202-0528
131	WEEKLEY RICHARD W	1111 N POST OAK RD	HOUSTON	TX	77055-7310
131	LENOIR M JOSEY	3617 INVERNESS DR	HOUSTON	TX	77019-1101
131	LENOIR M JOSEY	3617 INVERNESS DR	HOUSTON	TX	77019-1101
132	ROBIN ROSS M	1805 PARK ST	HOUSTON	TX	77019-5707
132	KLAES DANIEL & ROBIN	1561 KIRBY DR	HOUSTON	TX	77019-3301

TABLE P
5-MILE WATER WELL OWNER LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Map_ID	Current_Owner	Mail_Address	Mail_City	Mail_State	Mail_Zip
132	CAMPO RICHARD J & MAUREEN L % RUBY AND AGADOR REVOCABLE TRUST	2930 LAZY LN	HOUSTON	TX	77019-1302
132	MUSEUM OF FINE ARTS	2940 LAZY LANE BLVD	HOUSTON	TX	77019-1302
132	CURRENT OWNER	2929 LAZY LANE BLVD	HOUSTON	TX	77019-1301
133	SUMTSOVA LARISA	5103 W OAK MEWS	HOUSTON	TX	77056-2138
133	THORN TERENCE H & JUDITH C	5028 TANGLE LN	HOUSTON	TX	77056-2114
134	OPI VENTURES LLC	21 WATERWAY AVE STE 425	SPRING	TX	77380-3123
134	OPI VENTURES LLC	21 WATERWAY AVE STE 425	SPRING	TX	77380-3123
134	ROSE JULES H & IRVING B % ROSE STEEL CENTER INC	3610 PINEMONT DR	HOUSTON	TX	77018-1334
134	T AND B HOUSTON HOLDINGS LLC	3714 PINEMONT DR	HOUSTON	TX	77018-1220
135	CURRENT OWNER	719 E 11TH 1/2 ST	HOUSTON	TX	77008-7115
135	HUFF MICHAEL B	PO BOX 70148	HOUSTON	TX	77270-0148
135	TRAN ANHKIET T	1140 W COTTAGE ST	HOUSTON	TX	77009-5208
136	CORNETT JUSTIN	5713 BAYOU GLEN RD	HOUSTON	TX	77057-1401
137	VERNON WEBSTER INVESTMENTS INC	8166 US HIGHWAY 59 SOUTH	DIBOLL	TX	75941-4384
137	UK CORPORATION	4831 N SHEPHERD DR	HOUSTON	TX	77018-2258
137	B W MEAT COMPANY	4801 N SHEPHERD DR	HOUSTON	TX	77018-2215
137	IBIZA SHEPHERD GARDEN OAKS LLC	2100 W LOOP S STE 780	HOUSTON	TX	77027-3553
138	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
138	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
139	RIVER OAKS COUNTRY CLUB	1600 RIVER OAKS BLVD	HOUSTON	TX	77019-1202
140	FOUR OAKS PLACE OPERATING LP	1300 POST OAK BLVD SUITE 500	HOUSTON	TX	77056-3010
141	HARRISON DANIEL J III	2975 LAZY LANE BLVD	HOUSTON	TX	77019-1301
141	CURRENT OWNER	3713 DEL MONTE DR	HOUSTON	TX	77019-3017
141	CURRENT OWNER	3713 DEL MONTE DR	HOUSTON	TX	77019-3017
141	ALLBRITTON BARBARA B	2970 LAZY LANE BLVD	HOUSTON	TX	77019-1302
141	CURRENT OWNER	2980 LAZY LANE BLVD	HOUSTON	TX	77019-1302
141	CURRENT OWNER	2980 LAZY LANE BLVD	HOUSTON	TX	77019-1302
141	CURRENT OWNER ATTN AD VALOREM TAX	PO BOX 4018	HOUSTON	TX	77210-4018
142	JKM INTERESTS LLC	11926 BROKEN BOUGH DR	HOUSTON	TX	77024-5002
142	HAMED AZIZA	10315 IVY HOLLOW LN	CYPRESS	TX	77433-1386
143	JADC ASSOCIATES LLC	5444 WESTHEIMER RD STE 1435	HOUSTON	TX	77056-5327
143	JADC ASSOCIATES LLC	5444 WESTHEIMER RD STE 1435	HOUSTON	TX	77056-5327
143	JADC ASSOCIATES LLC	5444 WESTHEIMER RD STE 1435	HOUSTON	TX	77056-5327
143	LASHER ALFRED W III	4295 SAN FELIPE ST STE 310	HOUSTON	TX	77027-2915
143	LASHER ALFRED W III	4295 SAN FELIPE ST STE 310	HOUSTON	TX	77027-2915
143	CURRENT OWNER % MILANE DIANE DUNCAN 1990 GRANTOR	PO BOX 4018	HOUSTON	TX	77210-4018
143	CURRENT OWNER % MILANE DIANE DUNCAN 1990 GRANTOR	PO BOX 4018	HOUSTON	TX	77210-4018
143	WINTHER FREDERIC GAUTIER	4010 INVERNESS DR	HOUSTON	TX	77019-1006
143	CURRENT OWNER	3900 INVERNESS DR	HOUSTON	TX	77019-1004
143	CURRENT OWNER	3900 INVERNESS DR	HOUSTON	TX	77019-1004
143	HUCKIN DAVID L	4000 INVERNESS DR	HOUSTON	TX	77019-1006
143	WELSH RONALD	3990 INVERNESS DR	HOUSTON	TX	77019-1004
143	ROBERTSON CORBIN J JR & BARBARA	3985 INVERNESS DR	HOUSTON	TX	77019-1003
143	ROBERTSON CORBIN J JR & BARBARA	3985 INVERNESS DR	HOUSTON	TX	77019-1003
143	ROBERTSON CORBIN J JR & BARBARA	3985 INVERNESS DR	HOUSTON	TX	77019-1003
143	EVNOCHIDES MARIE F	3910 WILLOWICK RD	HOUSTON	TX	77019-1010
143	COCKRELL ERNEST H	3737 BUFFALO SPEEDWAY STE 1100	HOUSTON	TX	77098-3740

TABLE P
5-MILE WATER WELL OWNER LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Map_ID	Current_Owner	Mail_Address	Mail_City	Mail_State	Mail_Zip
143	COCKRELL ERNEST H	3737 BUFFALO SPEEDWAY STE 1100	HOUSTON	TX	77098-3740
143	WATTS MARCUS A & BRENDA	3907 INVERNESS DR	HOUSTON	TX	77019-1003
143	CURRENT OWNER	501 CRAWFORD ST	HOUSTON	TX	77002-2113
144	ALSCO INC	505 E 200 S STE 101	SALT LAKE CITY	UT	84102-2053
144	NATIONAL RETAIL PROPERTIES LP	450 S ORANGE AVE STE 900	ORLANDO	FL	32801-3339
145	WOLFF CO	20 BRIAR HOLLOW LN	HOUSTON	TX	77027-2802
145	WOODBRANCH 4550 LLC	4265 SAN FELIPE STE 550	HOUSTON	TX	77027-3019
146	HOLMES NED S	55 WAUGH DR STE 1111	HOUSTON	TX	77007-5837
146	HOLMES NED S	55 WAUGH DR STE 1111	HOUSTON	TX	77007-5837
146	HOLMES NED S	55 WAUGH DR STE 1111	HOUSTON	TX	77007-5837
147	MAXIMO CAPITAL LLC	8582 KATY FWY FRONTAGE RD STE 221	HOUSTON	TX	77024
147	MAXIMO CAPITAL LLC	8582 KATY FWY FRONTAGE RD STE 221	HOUSTON	TX	77024
148	STANFIELD ROBERT B	84 S CREEKSIDE CT	HOUSTON	TX	77055-7543
148	HD DEVELOPMENT PROPERTIES LP	2455 PACES FERRY RD SE	ATLANTA	GA	30339-6444
148	HD DEVELOPMENT PROPERTIES LP	2455 PACES FERRY RD SE	ATLANTA	GA	30339-6444
148	SPRING VALLEY ONE CENTER LTD	8554 KATY FWY UNIT 301	HOUSTON	TX	77024-1804
148	SPRING VALLEY ONE CENTER LTD	8554 KATY FWY STE 301	HOUSTON	TX	77024-1804
149	917 LEHMAN LLC	6015 SKYLINE DR	HOUSTON	TX	77057-7003
149	ALMEIDA MARCO A	918 LEHMAN ST	HOUSTON	TX	77018-1437
149	CURRENT OWNER	PO BOX 55528	HOUSTON	TX	77255-5528
150	A O KEILERS CO INC	PO BOX 924149	HOUSTON	TX	77292-4149
150	A O KEILERS CO INC	PO BOX 924149	HOUSTON	TX	77292-4149
150	A O KEILERS CO INC	PO BOX 924149	HOUSTON	TX	77292-4149
151	CURRENT OWNER	3439 DEL MONTE DR	HOUSTON	TX	77019-3115
151	MANNON DAVID C & MARY LYNN	3428 CHEVY CHASE DR	HOUSTON	TX	77019-3114
151	PRITCHARD WILLIAM E III & SUSANNE B	3401 SLEEPY HOLLOW CT	HOUSTON	TX	77019-3127
151	PRITCHARD WILLIAM E III & SUSANNE B	3401 SLEEPY HOLLOW CT	HOUSTON	TX	77019-3127
152	ST MARK LUTHERAN CHURCH	1515 HILLENDAHL BLVD	HOUSTON	TX	77055-3411
152	SB SNF REALTY LLC	3119 QUENTIN RD	BROOKLYN	NY	11234-4234
153	GIBSON JAMES F	5003 MANGUM RD	HOUSTON	TX	77092-3526
154	MEMORIAL VILLAGE WA	8955 GAYLORD DR	HOUSTON	TX	77024-2903
154	GROVER S GRIMES	8955 GAYLORD DR	HOUSTON	TX	770242903
154	OLSSON SCOTT E & LISA	827 KUHLMAN RD	HOUSTON	TX	77024-3105
154	BASHAM BUFORD T & PEGGY A	822 KUHLMAN RD	HOUSTON	TX	77024-3126
154	WAINWRIGHT GARY J & BRIGITTE	780 KUHLMAN RD	HOUSTON	TX	77024-5502
155	HOUSTON COUNTRY CLUB	PO BOX 22184	HOUSTON	TX	77227-2184
156	LINBROOK TRUST	938 LAFAYETTE ST STE 432	NEW ORLEANS	LA	70113-1038
157	BARNHART PAUL F JR	2121 SAGE RD STE 333	HOUSTON	TX	77056-4305
157	BARNHART PAUL F JR	2121 SAGE RD STE 333	HOUSTON	TX	77056-4305
157	SANCHEZ PATRICIO D	3389 INWOOD	HOUSTON	TX	77019-3105
157	VGRP HOLDINGS LLC	11509 S LOU AL DR	HOUSTON	TX	77024-2707
157	CHAPMAN DONNA P	2001 KIRBY DR STE 1002	HOUSTON	TX	77019-6033
157	DUNCAN CHARLES JR & ANNE	600 TRAVIS ST STE 3550	HOUSTON	TX	77002-3036
158	OUTFRONT MEDIA LLC	1600 STUDEMONT ST	HOUSTON	TX	77007-3825
158	SUMMER STREET RETAIL LP	788 W SAM HOUSTON PKWY N STE 206	HOUSTON	TX	77024-3977
159	SEUREAU GLENN E	5714 BAYOU GLEN RD	HOUSTON	TX	77057-1402
159	WEAVER JAMES D & SHARYN	3196 DEL MONTE DR	HOUSTON	TX	77019-3216

TABLE P
5-MILE WATER WELL OWNER LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Map_ID	Current_Owner	Mail_Address	Mail_City	Mail_State	Mail_Zip
159	CURRENT OWNER C/O JOHN D CURTIN	2995 LAZY LANE BLVD	HOUSTON	TX	77019-1301
159	CURRENT OWNER	2938 DEL MONTE DR	HOUSTON	TX	77019-3212
159	ALBIOL MAIRE C	3000 DEL MONTE DR	HOUSTON	TX	77019-3214
159	HOOK THOMAS	3005 DEL MONTE DR	HOUSTON	TX	77019-3213
159	MANNE NEAL S	1000 LOUISIANA ST STE 5100	HOUSTON	TX	77002-5091
160	MEM VILLAGE WATER AUTHORIT	8955 GAYLORD DR	HOUSTON	TX	77024
161	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
161	CITY OF HOUSTON	PO BOX 1562	HOUSTON	NC	77251-1562
162	CURRENT OWNER	4015 MEADOW LAKE LN	HOUSTON	TX	77027-3912
162	CURRENT OWNER	29 WEST LN	HOUSTON	TX	77019-1007
162	CURRENT OWNER AWP 1983 TRUST	3965 DEL MONTE DR	HOUSTON	TX	77019-1001
162	CURRENT OWNER AWP 1983 TRUST	3965 DEL MONTE DR	HOUSTON	TX	77019-1001
162	CURRENT OWNER	3929 DEL MONTE DR	HOUSTON	TX	77019-1001
162	SHABANI HABIB	19 WEST LN APT A	HOUSTON	TX	77019-1007
162	ECHOLS HUGH A	21 WEST LN	HOUSTON	TX	77019-1007
162	HOLSTEAD JOHN R & LINDSAY C	4016 INVERNESS DR	HOUSTON	TX	77019-1006
162	COSELLI JOSEPH S	3942 DEL MONTE DR	HOUSTON	TX	77019-1002
162	HOPSON ROBERT M III & COURTNEY	24 WEST LN	HOUSTON	TX	77019-1008
162	HAWKINS RUSSELL B & DIANA	18 WEST LN	HOUSTON	TX	77019-1008
162	KAPLAN LEE L & DIANA HUDSON	10 WEST LN	HOUSTON	TX	77019-1008
162	VANLOH S WIL JR & JENNIFER	4007 INVERNESS DR	HOUSTON	TX	77019-1005
163	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
163	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
163	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
163	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
163	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
163	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
163	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
163	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
164	MOUSSELLI AYAD N	6623 CORAL RIDGE RD	HOUSTON	TX	77069-3210
165	ROMAN MAGDIEL R	5711 ACORN ST	HOUSTON	TX	77092-3305
166	MARTIN DARREN	11406 MEMORIAL DR	HOUSTON	TX	77024-7527
166	MCHUGH HOMES LLC	1633 BAYRAM	HOUSTON	TX	77055-3215
166	GRIJALVA ANTONIO R & SONIA	8514 BURKHART RD	HOUSTON	TX	77055-7518
166	CURRENT OWNER	8510 BURKHART RD	HOUSTON	TX	77055-7518
166	HOWARD JESSE & DANA	5409 GIBSON ST	HOUSTON	TX	77007-7132
167	PPG ARCHITECTURAL FINISHES INC	1 PPG PL	PITTSBURGH	PA	15222-5415
167	PPG ARCHITECTURAL FINISHES INC	1 PPG PL	PITTSBURGH	PA	15222-5415
167	PPG ARCHITECTURAL FINISHES INC	1 PPG PL	PITTSBURGH	PA	15222-5415
167	PPG ARCHITECTURAL FINISHES INC	1 PPG PL	PITTSBURGH	PA	15222-5415
167	JC ALL SEASONS MARKET INC	11902 HEMPSTEAD RD	HOUSTON	TX	77092-6006
168	SHOPS AT MEMORIAL LLC	5868 WESTHEIMER RD STE 531	HOUSTON	TX	77057-5641
169	BLACK MS JOE NETA	1953 NORCREST DR	HOUSTON	TX	77055-1425
170	BONNEY FORGE TEXAS LP	PO BOX 59	MOUNT UNION	PA	17066-0059
170	BONNEY FORGE TEXAS LP	PO BOX 59	MOUNT UNION	PA	17066-0059
171	RISHER RANDALL	3249 CHEVY CHASE DR	HOUSTON	TX	77019-3229
171	MANN PAUL M & CAROLYN S	1907 RIVER OAKS BLVD	HOUSTON	TX	77019-3111

TABLE P
5-MILE WATER WELL OWNER LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Map_ID	Current_Owner	Mail_Address	Mail_City	Mail_State	Mail_Zip
171	BROOKSHIRE LARRY C	2110 RIVER OAKS BLVD	HOUSTON	TX	77019-5820
171	CUTSINGER ROD & SUE N	2109 RIVER OAKS BLVD	HOUSTON	TX	77019-5819
171	HAMMER MARK & AMY	3240 DEL MONTE DR	HOUSTON	TX	77019-3218
171	MC WILLIAMS IRIS	2001 KIRBY DR STE 909	HOUSTON	TX	77019-6033
171	MCNAIR ROBERT C & JANICE S	1807 RIVER OAKS BLVD	HOUSTON	TX	77019-3109
171	MCNAIR ROBERT C & JANICE S	1807 RIVER OAKS BLVD	HOUSTON	TX	77019-3109
171	MCNAIR ROBERT C & JANICE S	1807 RIVER OAKS BLVD	HOUSTON	TX	77019-3109
172	SABAWALA ANISSA	3231 ALLEN PKWY UNIT 2304	HOUSTON	TX	77019-1819
172	HART RIVER OAKS LLC HEITMAN CAPITAL MANAGEMENT LLC	191 N WACKER DR STE 2500	CHICAGO	IL	60606-1885
172	HART RIVER OAKS LLC HEITMAN CAPITAL MANAGEMENT LLC	191 N WACKER DR STE 2500	CHICAGO	IL	60606-1885
173	THE LOTUS AT PECH LLC	5849 W 34TH ST	HOUSTON	TX	77092-6401
173	THE LOTUS AT PECH LLC	5849 W 34TH ST	HOUSTON	TX	77092-6401
173	BUDDHIST CHURCH SECOND	2120 PECH RD	HOUSTON	TX	77055-1126
174	LOYD PAUL B JR	108 SHASTA DR	HOUSTON	TX	77024-6914
175	KATHERINE THEILEN DECEDENTS TRUST	5047 OAK SHADOWS DR	HOUSTON	TX	77091-4529
175	PARDON ENTERPRISES LP	5102 ANTOINE DR STE 1	HOUSTON	TX	77092-3314
176	SHAVER ROSE MARIE	934 W DONOVAN ST	HOUSTON	TX	77091-
177	HOUSTON AVOCADO REAL ESTATE INC	2224 AIRLINE DR	HOUSTON	TX	77009-2422
177	HOUSTON AVOCADO REAL ESTATE INC	2224 AIRLINE DR	HOUSTON	TX	77009-2422
178	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
178	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
178	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
179	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
179	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
180	PRESTON PHYLLIS	5615 RANDON RD	HOUSTON	TX	77091-4533
180	VELASQUEZ FELIPE A	5010 CREEKMONT DR	HOUSTON	TX	77091-5142
181	WASHINGTON VIEW LP	2131 SAN FELIPE ST	HOUSTON	TX	77019-5620
181	FLOWERS INDUSTRIES INC	3000 WASHINGTON AVE	HOUSTON	TX	77007-6029
182	BRITTON RIVER OAKS PROP	3272 WESTHEIMER RD STE 14	HOUSTON	TX	77098-1008
182	ELBERGER MONA Z % ROBERT MONA FAMILY LTD PARTNERSHIP	PO BOX 131231	HOUSTON	TX	77219-1231
182	MORRIS CORNERS COLLECTION LTD	2200 WILLOWICK RD APT 1B	HOUSTON	TX	77027-4062
182	WILLOWICK CONDOMINIUM ASN	2200 WILLOWICK RD	HOUSTON	TX	77027-3950
182	RIVER OAKS BAPTIST CHURCH	2320 WILLOWICK RD	HOUSTON	TX	77027-
183	TARGET CORPORATION C/O PROPERTY TAX DEPARTMENT	PO BOX 9456	MINNEAPOLIS	MN	55440-9456
184	CURRENT OWNER	3636 ELLA LEE LN	HOUSTON	TX	77027-4105
185	HITCHCOCK WILLIAM M & ROSALIE B	PO BOX 27420	HOUSTON	TX	77227-7420
185	BEDI RAJINDER & HARVINDER	6 BRIARWOOD CT	HOUSTON	TX	77019-5802
185	YOUNG JOHN H	4605 POST OAK PLACE DR STE 250	HOUSTON	TX	77027-9751
186	CURRENT OWNER	405 TIMBERWILDE LN	HOUSTON	TX	77024-6927
186	CURRENT OWNER C/O JEROLD B KATZ INTERESTS CO	5847 SAN FELIPE ST STE 2375	HOUSTON	TX	77057-3438
186	CURRENT OWNER C/O JEROLD B KATZ INTERESTS CO	5847 SAN FELIPE ST STE 2375	HOUSTON	TX	77057-3438
186	JERRY E FINGER TRUST	318 TIMBERWILDE LN	HOUSTON	TX	77024-6926
186	DUNCAN ROBERT D & MARCELYN	1900 WEST LOOP S STE 1300	HOUSTON	TX	77027-3218
186	CURRENT OWNER	444 TIMBERWILDE LN	HOUSTON	TX	77024-6928
187	JOHNSON DEBRA S	2418 PAUL QUINN ST	HOUSTON	TX	77091-4710
188	MONTALVO MARCO A & CELIA M	5042 FALLEN OAKS DR	HOUSTON	TX	77091-4522
189	SIMONTON JERRY W & SONDRA	1203 BINGLE RD	HOUSTON	TX	77055-6641

TABLE P
5-MILE WATER WELL OWNER LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Map_ID	Current_Owner	Mail_Address	Mail_City	Mail_State	Mail_Zip
190	ROBB 2001 KIRBY LP	1800 AUGUSTA DR 4TH FLR	HOUSTON	TX	77057-3149
191	DAD'S CLUB SWIM TEAM INC	1006 VOSS RD	HOUSTON	TX	77055-6632
191	DAD'S CLUB SWIM TEAM INC	1006 VOSS RD	HOUSTON	TX	77055-6632
191	DAD'S CLUB SWIM TEAM INC	1006 VOSS RD	HOUSTON	TX	77055-6632
191	DAD'S CLUB SWIM TEAM INC	1006 VOSS RD	HOUSTON	TX	77055-6632
191	GRACE CHAPEL CHINESE AMERICAN CHURCH	1055 BINGLE RD	HOUSTON	TX	77055-6637
191	WERTHEIMER ROBERT F JR &	1126 JOSHUA LN	HOUSTON	TX	77055-6671
192	VELE PARTNERS LLC	5724 CLARENDON DR	PLANO	TX	75093-8547
192	MFT OJEMAN LP	701 RICHMOND AVE STE 250	HOUSTON	TX	77006-5556
192	J&E INVESTMENTS	11922 WINK RD	HOUSTON	TX	77024-7135
192	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
192	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
192	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
192	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
193	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
193	8700 LONG POINT LTD	5353 W ALABAMA ST STE 200	HOUSTON	TX	77056-5935
193	FRAZIER EDWARD E % WHOLESALE RESTAURANT SUPPLY	6955 W 43RD ST	HOUSTON	TX	77092-4447
194	METTS JOHN M & GIANNA D	3229 ELLA LEE LN	HOUSTON	TX	77019-5923
195	CITY OF SPRING VALLEY	1025 CAMPBELL RD	HOUSTON	TX	77055-7407
195	CURRENT OWNER	8618 MERLIN DR	HOUSTON	TX	77055-6651
195	BOWLIN JOSHUA N & PAIGE C	8625 MERLIN DR	HOUSTON	TX	77055-6650
195	DEL AMO JEAN-MICHEL	8600 CEDARSPUR DR	HOUSTON	TX	77055-6645
195	CITY OF SPRING VALLEY	1025 CAMPBELL RD	HOUSTON	TX	77055-7407
195	SIMONTON JERRY W & SONDRA	1203 BINGLE RD	HOUSTON	TX	77055-6641
195	BRYANT DEBORAH	1202 BINGLE RD	HOUSTON	TX	77055-6642
196	MEM VILLAGE WATER AUTHORIT	8955 GAYLORD DR	HOUSTON	TX	77024
197	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
197	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
198	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
199	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
199	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
200	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
201	A B C BUSINESS CENTER % ALBERTO HAMUI	8445 CAMINO SANTA FE STE 205	SAN DIEGO	CA	92121-2650
201	PINEMONT INC	6000 PINEMONT DR	HOUSTON	TX	77092-2647
202	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
202	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
202	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
202	MEMORIAL BY WINDSOR LP C/O ONESOURCE PROP TAX DEPT 117	PO BOX 4900	SCOTTSDALE	AZ	85261-4900
202	2929 REAL ESTATE HOLDINGS	2929 ALLEN PARKWAY	HOUSTON	TX	77019-7100
202	2929 REAL ESTATE HOLDINGS	2929 ALLEN PARKWAY	HOUSTON	TX	77019-7100
203	ALLEN MARGARET	10010 WHITEHEAD ST	HOUSTON	TX	77088-3146
204	HOUSTON COUNTRY CLUB	PO BOX 22184	HOUSTON	TX	77227-2184
204	HOUSTON COUNTRY CLUB	PO BOX 22184	HOUSTON	TX	77227-2184
204	HOUSTON COUNTRY CLUB	PO BOX 22184	HOUSTON	TX	77227-2184
204	HOUSTON COUNTRY CLUB	PO BOX 22184	HOUSTON	TX	77227-2184
205	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
206	GIANUKOS SAMUEL	505 MERRILL ST	HOUSTON	TX	77009-6203

TABLE P
5-MILE WATER WELL OWNER LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Map_ID	Current_Owner	Mail_Address	Mail_City	Mail_State	Mail_Zip
207	DELGADO YADIRA A	4501 TALINA WAY	HOUSTON	TX	77041-8911
207	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
208	KATZ PAUL & LEAH	5740 LONGMONT LN	HOUSTON	TX	77057-2500
208	SELLNAU GEORGE A	1511 BERING DR	HOUSTON	TX	77057-2505
208	NUSSBAUM UELI & IRIS	8296 COWICHAN RD	BLAINE	WA	98230-9321
209	CURRENT OWNER	1214 AUGUSTA DR	HOUSTON	TX	77057-2212
210	T C MONTECITO LLC	730 3RD AVE FL 4	NEW YORK	NY	10017-3206
210	T C MONTECITO LLC	730 3RD AVE FL 4	NEW YORK	NY	10017-3206
210	TEXAS SFI PTNRSHP 42 LTD	10040 REGENCY CIR STE 200	OMAHA	NE	68114-3734
211	DRISCOLL MICHAEL	5650 TERWILLIGER WAY	HOUSTON	TX	77056-2607
211	5656 SFP LLC	4950 WOODWAY DR STE 710	HOUSTON	TX	77056-1811
211	SFI LTD PRTSP 17 ET AL	10040 REGENCY CIR	OMAHA	NE	68114-3723
212	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
212	GLENWOOD CEMETERY	PO BOX 696	HOUSTON	TX	77001-0696
212	GLENWOOD CEMETERY	PO BOX 696	HOUSTON	TX	77001-0696
212	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
213	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
214	ZERSEN SCOTT	309 BAYLAND AVE	HOUSTON	TX	77009-6601
215	PEREIRA WELYNGTON JOSE	11607 CARSON FIELD LN	CYPRESS	TX	77433-2845
216	HOLLISTER SQUARE CA INC	720 N POST OAK RD STE 300	HOUSTON	TX	77024-3834
216	TIEN MUNG VAN	611 W NEWPOTY BND	KATY	TX	77494-
216	HOUSTON MINI STORAGE % STE 7 LTD	10 HEDWIG SHADOWS DR	HOUSTON	TX	77024-5452
216	HOLLISTER COMMONS HOA INC	720 N POST OAK RD STE 300	HOUSTON	TX	77024-3834
216	WILSON LAUREN HILARY	8917 ROSEWOOD GROVE LN	HOUSTON	TX	77080-4507
216	HOUSTON ERICA L	8916 LIVE OAK GROVE LN	HOUSTON	TX	77080-4506
216	PULTE HOMES OF TEXAS LP	1311 BROADFIELD BLVD STE 100	HOUSTON	TX	77084-5186
216	CHAO JULIE	8810 HOLLISTER PINE CT	HOUSTON	TX	77080-1505
217	JADAV DHAVAL R	3009 POST OAK BLVD STE 2000	HOUSTON	TX	77056-6599
218	AVALON OAKS I LTD % MOODY RAMBIN INTERESTS	12850 MEMORIAL DR STE 1105	HOUSTON	TX	77024-4983
219	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
220	GAEL APARTMENTS LP	225 NE MIZNER BLVD STE 400	BOCA RATON	FL	33432-4092
220	3939 ESSEX LLC	PO BOX 1343	HOUSTON	TX	77251-1343
221	GREGORY WILLIAM A	PO BOX 801647	HOUSTON	TX	77280-1647
222	LUGO GUADALUPE	6202 VISTA CAMINO DR	HOUSTON	TX	77083-1405
222	LUGO GUADALUPE	6202 VISTA CAMINO DR	HOUSTON	TX	77083-1405
223	ONE STOP HOME IMPROVEMENT	3919 FAIRMONT PKWY APT 226	PASADENA	TX	77504-3063
223	GLASSELL INTERESTS LLC	9102 CHATSWORTH DR	HOUSTON	TX	77024-3714
223	TREE EXPERTS INC	213 1/2 E BURRESS ST	HOUSTON	TX	77022-1609
223	TREE EXPERTS INC	213 1/2 E BURRESS ST	HOUSTON	TX	77022-1609
223	TAMEZ EMILIO	32 BERRY RD	HOUSTON	TX	77022-3059
224	ST JOHN'S SCHOOL	2401 CLAREMONT LN	HOUSTON	TX	77019-5811
224	ST JOHN'S SCHOOL	2401 CLAREMONT LN	HOUSTON	TX	77019-5811
225	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
225	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
225	VENTURI JUAN ERNESTO	5805 MATILDA BAY CIR	RICHMOND	TX	77407-
225	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
225	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562

TABLE P
5-MILE WATER WELL OWNER LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Map_ID	Current_Owner	Mail_Address	Mail_City	Mail_State	Mail_Zip
225	PIGGE JR WILLIE & LYNDA	209 W HAMILTON ST	HOUSTON	TX	77076-4607
226	GBL DEVELOPERS LLC	1400 POST OAK BLVD STE 150	HOUSTON	TX	77056-6009
226	GBL DEVELOPERS LLC	1400 POST OAK BLVD STE 150	HOUSTON	TX	77056-6009
227	BEASLEY JAMES E & HOLLY D	8840 LARSTON ST	HOUSTON	TX	77055-4737
228	HILLCROFT VENTURE A TEXAS JOINT VENTURE	1020 W LOOP N STE 200	HOUSTON	TX	77055-7256
229	PERALTA MARTIN PIMENTEL	5732 STUEBNER AIRLINE RD	HOUSTON	TX	77091-4321
229	RUD RONALD	5607 W MONTGOMERY RD	HOUSTON	TX	77091-4308
229	GEIRIN NORTH SHEPHERD LLC	1776 YORKTOWN ST STE 300	HOUSTON	TX	77056-4142
229	GEIRIN NORTH SHEPHERD LLC	1776 YORKTOWN ST STE 300	HOUSTON	TX	77056-4142
230	CURRENT OWNER	1124 NANTUCKET DR	HOUSTON	TX	77057-1904
231	KEMPSPRING INVESTMENTS LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
232	ROSE ACQUISITION LLC	2902 CENTER ST	HOUSTON	TX	77007-6014
233	MID AMERICA APARTMENTS LP	6815 POPLAR AVE UNIT 500	GERMANTOWN	TN	38138-0612
233	GMG PARTNERS LP	1901 HOLLISTER ST	HOUSTON	TX	77080-6803
233	HOUSTON MINI STORAGE % STE 7 LTD	10 HEDWIG SHADOWS DR	HOUSTON	TX	77024-5452
234	ORTEGA JOSE M & ANA Y	2422 GARAPAN ST	HOUSTON	TX	77091-3038
235	CITY OF SPRING VALLEY	1025 CAMPBELL RD	HOUSTON	TX	77055-7407
235	FORNEY SUSAN	1241 FRIES RD	HOUSTON	TX	77055-4719
235	COMIS DENNIS SPIROS & MARIA	1264 FRIES RD	HOUSTON	TX	77055-4720
235	LARBERG GREGORY M & LESLIE % 4 L LIVING TRUST	8830 HEATHER CIR	HOUSTON	TX	77055-4730
236	SPRING BRANCH ISD	PO BOX 19037	HOUSTON	TX	77224-9037
237	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
238	4615 INVESTORS LLC	4615 NORTH FWY STE 100	HOUSTON	TX	77022-2923
239	ARANGO CARLOS	4307 ASPENGLEN DR	HOUSTON	TX	77084-3501
239	DANZACK ENTERPRISES LLC	12405 SOWDEN RD	HOUSTON	TX	77080-2032
240	BROOKHOLLOW BAPTIST CHURCH	5725 QUEENSTON BLVD	HOUSTON	TX	77084-6409
240	NOLDER DAVID W	PO BOX 925042	HOUSTON	TX	77292-5042
240	NEW NURSERIES BINGLE LLC	5110 BINGLE RD	HOUSTON	TX	77092-3104
240	NEW NURSERIES BINGLE LLC	5110 BINGLE RD	HOUSTON	TX	77092-3104
241	AZIMPOOR ALI F	701 PIFER RD	HOUSTON	TX	77024-5421
242	GKII 1800 BERING LLC C/O KBS REALTY ADV	800 NEWPORT CENTER DR STE 700	NEWPORT BEACH	CA	92660-6319
243	KAGAN PROPERTIES VENTURE I LTD	8801 KNIGHT RD	HOUSTON	TX	77054-4301
243	MEMON LLC	12902 NORTH FWY	HOUSTON	TX	77060-1232
244	BAILEY LAUREN E	3038 ALABAMA CT	HOUSTON	TX	77027-5911
245	CURRENT OWNER	PO BOX 926168	HOUSTON	TX	77292
246	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
246	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
247	7789 LLC	5554 S PEEK RD UNIT 79	KATY	TX	77450
248	FEDERAL RESERVE BANK DALLAS	1801 ALLEN PKWY	HOUSTON	TX	77019-2507
248	FEDERAL RESERVE BANK DALLAS	1801 ALLEN PKWY	HOUSTON	TX	77019-2507
249	AKERMAN MICHAEL R & ERICA	5621 DARLING ST	HOUSTON	TX	77007-1828
249	RADHAKRISHNAN NARAYANAN & SHANTHI	1643 PINOT CIR	HOUSTON	TX	77055-1039
250	HAKAM LLC	3810 WESTHEIMER RD	HOUSTON	TX	77027-5004
251	APEX DAYCO LLC	9821 KATY PWY STE 880	HOUSTON	TX	77024-1235
252	SMITH BENJAMIN L	1305 WILBURFORCE ST	HOUSTON	TX	77091-2073
253	ANF PROPERTIES LLV	6002 BROOKWAY WILLOW DR	SPRING	TX	77379-2486
253	KLEIBER JOHN	6200 N SHEPHERD DR	HOUSTON	TX	77091-3353

TABLE P
5-MILE WATER WELL OWNER LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Map_ID	Current_Owner	Mail_Address	Mail_City	Mail_State	Mail_Zip
253	REDDY ICE CORPORATION	5720 LYNDON B JOHNSON FWY STE 200	DALLAS	TX	75240-6396
253	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
253	REDDY ICE CORPORATION	5720 LYNDON B JOHNSON FWY STE 200	DALLAS	TX	75240-6396
253	REDDY ICE CORPORATION	5720 LYNDON B JOHNSON FWY STE 200	DALLAS	TX	75240-6396
253	REDDY ICE CORPORATION	5720 LYNDON B JOHNSON FWY STE 200	DALLAS	TX	75240-6396
253	REDDY ICE CORPORATION	5720 LYNDON B JOHNSON FWY STE 200	DALLAS	TX	75240-6396
253	REDDY ICE CORPORATION	5720 LYNDON B JOHNSON FWY STE 200	DALLAS	TX	75240-6396
253	MAENZA OSCAR J	2415 COMMON ST	HOUSTON	TX	77009-7831
254	HOUSTON PORTFOLIO 180 LLC	570 CULLINS RD	ROCKWALL	TX	75032-6018
254	ZAHRA TAYSIR A	703 WINSTON LN	SUGAR LAND	TX	77479-5834
255	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
255	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
255	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
255	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
256	CONOVER ALICE RUTH	6922 COTTON DR	HOUSTON	TX	77092-3012
256	HARRIS COUNTY FLOOD CONTROL DISTRICT	9900 NORTHWEST FWY	HOUSTON	TX	77092-8601
256	7020 COTTON DRIVE LLC	8929 BRIAR FOREST DR	HOUSTON	TX	77024-7218
256	GULF COAST WELDING LLC	4133 SOUTHERLAND RD	HOUSTON	TX	77092-4416
257	CURRENT OWNER	9325 EMNORA LN	HOUSTON	TX	77080-4422
257	JAIMEZ PABLINO B	7325 N SHEPHERD ST	HOUSTON	TX	77091-2436
258	BACKLAND MANAGEMENT LLC	3023 ROCKARBOR DR	HOUSTON	TX	77063-3916
259	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
259	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
260	CG CITYWALK LP	3399 PEACHTREE RD NE STE 600	ATLANTA	GA	30326-2832
260	MILLER DIANE D % DIANE D MILLER TRUST	2110 WATTS ST	HOUSTON	TX	77030-1204
261	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
262	MEMORIAL VILLAGE WA	8955 GAYLORD DR	HOUSTON	TX	77024-2903
262	MEMORIAL VILLAGE WA	8955 GAYLORD DR	HOUSTON	TX	77024-2903
262	GROVER S GRIMES	8955 GAYLORD DR	HOUSTON	TX	770242903
263	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
263	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
264	CITY OF SPRING VALLEY	1025 CAMPBELL RD	HOUSTON	TX	77055-7407
265	BRANZA-NGUYEN NICOLETA	2601 S 3RD ST APT B	AUSTIN	TX	78704-6205
266	URBAN TRADE INTERNATIONAL INC	1200 BLALOCK ST STE 380	HOUSTON	TX	77055-6492
266	ALSCO INC	505 E 200 S STE 101	SALT LAKE CITY	UT	84102-2053
266	ALSCO INC	505 E 200 S STE 101	SALT LAKE CITY	UT	84102-2053
266	DEMERIS PROPERTIES LTD	2911 S SHEPHERD DR	HOUSTON	TX	77098-1537
267	NATIONAL RETAIL PROPERTIES LP	450 S ORANGE AVE STE 900	ORLANDO	FL	32801-3339
267	NATIONAL RETAIL PROPERTIES LP	450 S ORANGE AVE STE 900	ORLANDO	FL	32801-3339
268	WILSON KENNETH R	6505 KNOX ST	HOUSTON	TX	77091-2207
269	IN TOWN HOMES LTD	720 N POST OAK RD STE 605	HOUSTON	TX	77024-3836
269	HAMMERLY ROAD APARTMENTS LLC	2800 NASA PKWY	SEABROOK	TX	77586-3247
270	ERS ASSETS LLC	9225 KATY FWY STE 103	HOUSTON	TX	77024-1508
270	DKZ PROPERTIES LLC	1520 W 25TH ST	HOUSTON	TX	77008-1517
271	HAWKINS RUSSELL B & DIANA	18 WEST LN	HOUSTON	TX	77019-1008
272	PRGIF HOUSTON AVENUE LLC	3737 BUFFALO SPEEDWAY STE 1100	HOUSTON	TX	77098-3740
272	PRGIF HOUSTON AVENUE LLC	3737 BUFFALO SPEEDWAY STE 1100	HOUSTON	TX	77098-3740

TABLE P
5-MILE WATER WELL OWNER LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Map_ID	Current_Owner	Mail_Address	Mail_City	Mail_State	Mail_Zip
273	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
273	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
274	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
275	ARGOS USA LLC	3015 WINDWARD PLAZA UNIT 300	ALPHARETTA	GA	30005-8713
275	ARGOS USA LLC	3015 WINDWARD PLAZA UNIT 300	ALPHARETTA	GA	30005-8713
275	ARGOS USA LLC	3015 WINDWARD PLAZA UNIT 300	ALPHARETTA	GA	30005-8713
276	SPRING BRANCH ISD	PO BOX 19037	HOUSTON	TX	77224-9037
276	SPRING BRANCH ISD	PO BOX 19037	HOUSTON	TX	77224-9037
276	SPRING BRANCH ISD	PO BOX 19037	HOUSTON	TX	77224-9037
276	FRAMECRAFTERS INC	1410 CAMPBELL RD	HOUSTON	TX	77055-4604
276	WESTVIEW VALLEY LP	9046 WESTVIEW DR	HOUSTON	TX	77055-4602
276	PAMUK VENESA	2323 GREYBURN LN	HOUSTON	TX	77080-5214
276	RALSTON ALVIN J IV	9130 RANGELY DR	HOUSTON	TX	77055-4511
276	RALSTON ALVIN J IV	9130 RANGELY DR	HOUSTON	TX	77055-4511
276	KIM HAN C & GINA E	47 WINDSOR CT	HOUSTON	TX	77055-4482
276	CITY OF SPRING VALLEY	1025 CAMPBELL RD	HOUSTON	TX	77055-7407
277	T C PHOENICIAN LLC C/O TIAA-CREF	730 3RD AVE STE 2A	NEW YORK	NY	10017-3213
278	HOUSTON AREA URBAN LEAGUE INC	1301 TEXAS ST	HOUSTON	TX	77002-3508
278	VENTURA DAVID	6609 CATHCART DR	HOUSTON	TX	77091-1905
278	MCDONALD MARY ANN	502 BIZERTE ST	HOUSTON	TX	77022-2502
278	SKIPPER MARY LEE	6631 PHILLIPS ST	HOUSTON	TX	77091-1915
278	CURRENT OWNER	9036 MARLIVE LN	HOUSTON	TX	77025-4125
278	CURRENT OWNER	9036 MARLIVE LN	HOUSTON	TX	77025-4125
279	KOPECKY GUS E	1918 LAVERNE ST	HOUSTON	TX	77080-6706
279	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
279	GUILLEN RUBEN	1839 LAVERNE ST	HOUSTON	TX	77080-6703
280	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
280	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
280	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
280	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
280	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
280	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
280	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
280	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
280	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
280	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
280	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
280	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
281	DEMERIS PROPERTIES LTD	2911 S SHEPHERD DR	HOUSTON	TX	77098-1537
282	IQBAL M J & SARABAI	9 HUNTERS RIDGE CT	HOUSTON	TX	77024-7635
283	SECOND BAPTIST CHURCH	6400 WOODWAY DR	HOUSTON	TX	77057-1606
284	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
285	PIELOP JONATHAN S & NICOLE R	11011 HEDWIG GREEN ST	HOUSTON	TX	77024-6801
286	BAKER A J MRS	1943 W LAMAR	HOUSTON	TX	77019-2602
287	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
287	MONTES LUIS R	7093 BAUMAN RD	HOUSTON	TX	77022-4813

TABLE P
5-MILE WATER WELL OWNER LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Map_ID	Current_Owner	Mail_Address	Mail_City	Mail_State	Mail_Zip
287	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
288	BIG BEND PARTNERSHIP LLP	515 A S FRY RD STE 311	KATY	TX	77450-
288	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
288	LIEBER WARREN RAY	1123 GLOURIE DR	HOUSTON	TX	77055-7505
289	GRACE COMMUNITY CHURCH OF HOUSTON	1021 CAMPBELL RD	HOUSTON	TX	77055-7407
289	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
289	CITY OF SPRING VALLEY	1025 CAMPBELL RD	HOUSTON	TX	77055-7407
289	CITY OF SPRING VALLEY	1025 CAMPBELL RD	HOUSTON	TX	77055-7407
289	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
289	CITY OF SPRING VALLEY	1025 CAMPBELL RD	HOUSTON	TX	77055-7407
289	CITY OF SPRING VALLEY	1025 CAMPBELL RD	HOUSTON	TX	77055-7407
289	CITY OF SPRING VALLEY	1025 CAMPBELL RD	HOUSTON	TX	77055-7407
289	CITY OF SPRING VALLEY	1025 CAMPBELL RD	HOUSTON	TX	77055-7407
289	CITY OF SPRING VALLEY	1025 CAMPBELL RD	HOUSTON	TX	77055-7407
290	SECOND BAPTIST CHURCH % MOULTON GOODRUM JR	6400 WOODWAY DR	HOUSTON	TX	77057-1606
291	OLIVER OTIS E ESTATE OF	6511 CASTLEBAY DR	HOUSTON	TX	77092-2114
292	KMC 2013 GP LLC	7607 HOLLY COURT EST	HOUSTON	TX	77095-3577
292	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
293	DLC AT MIDTOWN LLC	21500 BISCAYNE BLVD STE 402	MIAMI	FL	33180-1256
293	HISTORIC PRESERVATION FUND I LP	8753 PADFIELD ST	HOUSTON	TX	77055-3134
294	CENTERPOINT ENERGY HOU ELE % PROPERTY TAX DEPT 38TH FLR	PO BOX 1475	HOUSTON	TX	77251-1475
294	CENTERPOINT ENERGY HOU ELE % PROPERTY TAX DEPT 38TH FLR	PO BOX 1475	HOUSTON	TX	77251-1475
294	CENTERPOINT ENERGY HOU ELE % PROPERTY TAX DEPT 38TH FLR	PO BOX 1475	HOUSTON	TX	77251-1475
294	MARTIN SISK LLC	5902 N HOUSTON ROSSLYN RD	HOUSTON	TX	77091-3404
294	INTERNATIONAL PAINT LLC	6001 ANTOINE DR	HOUSTON	TX	77091-3503
294	INTERNATIONAL PAINT LLC	6001 ANTOINE DR	HOUSTON	TX	77091-3503
294	INTERNATIONAL PAINT LLC	6001 ANTOINE DR	HOUSTON	TX	77091-3503
295	MP WHITE OAK COMMERCIAL LLC	135 WATER ST 4TH FLR	NAPERVILLE	IL	60540-5493
296	GROVER S GRIMES	8955 GAYLORD DR	HOUSTON	TX	770242903
296	SPRING BRANCH ISD	PO BOX 19037	HOUSTON	TX	77224-9037
296	MEMORIAL VILLAGE WA	8955 GAYLORD DR	HOUSTON	TX	77024-2903
297	F L TUCKER LTD	PO BOX 1373	HOUSTON	TX	77251-1373
297	GLAD TIDINGS ASSEMBLY OF GOD	6803 GROVECREST ST	HOUSTON	TX	77092-2003
298	GEOSPACE TECHNOLOGIES CORPORATION	7007 PINEMONT DR	HOUSTON	TX	77040-6601
298	GEOSPACE TECHNOLOGIES CORPORATION	7007 PINEMONT DR	HOUSTON	TX	77040-6601
298	GEOSPACE TECHNOLOGIES CORPORATION	7007 PINEMONT DR	HOUSTON	TX	77040-6601
299	FOSTER FREDERICK EST OF	14090 FM 2920 STE G116	TOMBALL	TX	77377-5549
300	REEVES JOSEPH A & DIANNE S	11211 WILDING LN	HOUSTON	TX	77024-5308
301	2607 GRANT LLC	2507 CALUMET ST	HOUSTON	TX	77004-7569
301	2607 GRANT LLC	2507 CALUMET ST	HOUSTON	TX	77004-7569
302	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
303	KORNBACHER DEVIKA	9115 HAMERLY BLVD	HOUSTON	TX	77080-5548
304	PATEL DHARMESH & MAYURI D	11002 GREENBAY ST	HOUSTON	TX	77024-6829
305	GWP PHOENIX TOWER LLC C/O PARKWAY PROPERTY IVESTMENTS LLC	800 MAGNOLIA AVENUE STE 1625	ORLANDO	FL	32803-3258
306	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
306	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
307	GRAHAM CHARLES S % DICKSON BONNIE JEANNE ESTATE OF	9174 LARSTON ST	HOUSTON	TX	77055-6415

TABLE P
5-MILE WATER WELL OWNER LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Map_ID	Current_Owner	Mail_Address	Mail_City	Mail_State	Mail_Zip
307	WHELAN JOSEPH R & LINDSAY H	9166 ELIZABETH RD	HOUSTON	TX	77055-6409
308	SALGADO MARIA C	5312 IRVINGTON BLVD	HOUSTON	TX	77009-1921
309	CROWN BUSINESS PARK INC	5701 BINGLE RD STE A1	HOUSTON	TX	77092-2155
309	SPRING BRANCH ISD	PO BOX 19037	HOUSTON	TX	77224-9037
310	TWINSCOPE LLC	6114 GESSNER RD	HOUSTON	TX	77041-6010
310	TWINSCOPE LLC	6114 GESSNER RD	HOUSTON	TX	77041-6010
310	ALDINE ISD	14910 ALDINE WESTFIELD RD	HOUSTON	TX	77032-3028
310	ALDINE ISD	14910 ALDINE WESTFIELD RD	HOUSTON	TX	77032-3028
310	ACRES HOMES GARDEN INC	1301 DENNIS ST FL 2	HOUSTON	TX	77004-1122
311	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
311	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
311	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
311	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
311	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
311	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
312	LEAGO MARK	4659 MERWIN ST	HOUSTON	TX	77027-6717
313	SHAMIZ REAL ESTATE INC	7519 MULRAIN DR	SUGAR LAND	TX	77479-2798
313	COUNTY OF HARRIS	PO BOX 1525	HOUSTON	TX	77251-1525
313	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
313	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
313	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
314	VIETNAMESE REDEMPTORIST MISSION CORP	3417 W LITTLE YORK RD	HOUSTON	TX	77091-1520
314	VIETNAMESE REDEMPTORIST MISSION CORP	3417 W LITTLE YORK RD	HOUSTON	TX	77091-1520
315	NEDBALEK ZDENEK	9223 N ALLEGRO ST	HOUSTON	TX	77080-5519
315	RUNGE DANIEL & JEANETTE	1902 BAUER DR	HOUSTON	TX	77080-5523
315	FULLEN THOMAS G JR & AGATHA ESPARZA	9205 CAMPBELL RD	HOUSTON	TX	77080-8010
315	CURRENT OWNER	9211 CAMPBELL RD	HOUSTON	TX	77080-8010
315	SATO MITSUO	9346 LIVERNOIS RD	HOUSTON	TX	77080-8017
316	MONTROSE REAL ESTATE PARTNERS LTD C/O PROPERTY TAX DEPT	PO BOX 839999	SAN ANTONIO	TX	78283-3999
317	MAY VINCENT & MELISSA	6408 DEIHL RD	HOUSTON	TX	77092-1312
317	KOSCHESKI A TERRY	6306 1/2 DEIHL RD	HOUSTON	TX	77092-1310
318	FORWARD VISION INVESTMENT LLC	9330 LONG POINT RD	HOUSTON	TX	77055-4472
318	HARRIS RICHARD B & ALICIA M	9318 SADDLE LN	HOUSTON	TX	77080-7418
318	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
318	CURRENT OWNER	9317 SADDLE LN	HOUSTON	TX	77080-7417
318	ZAK GARY D	9301 OLATHE ST	HOUSTON	TX	77055-4408
318	BIG BEND PARTNERSHIP LLP	515 A S FRY RD STE 311	KATY	TX	77450-
318	BIG BEND PARTNERSHIP LLP	515 A S FRY RD STE 311	KATY	TX	77450-
319	JOHNSON KURTIS	1507 COOK ST	HOUSTON	TX	77006-1517
319	WILSON CLIFTON C III	1924 BAILEY ST	HOUSTON	TX	77006-1508
319	WILSON CLIFTON C III	1924 BAILEY ST	HOUSTON	TX	77006-1508
319	SHERMAN WAY MIDTOWN LLC ET AL	501 S BEVERLY DR STE 100	BEVERLY HILLS	CA	90212-4520
319	SHERMAN WAY MIDTOWN LLC ET AL	501 S BEVERLY DR STE 100	BEVERLY HILLS	CA	90212-4520
319	SHMAKOVALINDEMAN OLGA E	13065 WEMBLEY CIRCLE LOWER	BROOKFIELD	WI	53005-1918
319	FICCIO VALENTINO	1339 W BELL ST	HOUSTON	TX	77019-4035
320	GAYLA INDUSTRIES INC	PO BOX 920800	HOUSTON	TX	77292-0800
320	GAYLA INDUSTRIES INC	PO BOX 920800	HOUSTON	TX	77292-0800

TABLE P
5-MILE WATER WELL OWNER LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Map_ID	Current_Owner	Mail_Address	Mail_City	Mail_State	Mail_Zip
320	GAYLA INDUSTRIES INC	PO BOX 920800	HOUSTON	TX	77292-0800
320	GAYLA INDUSTRIES INC	PO BOX 920800	HOUSTON	TX	77292-0800
320	GAYLA INDUSTRIES INC	PO BOX 920800	HOUSTON	TX	77292-0800
321	ALEJANDRO GRACIE	608 GRACELAND ST	HOUSTON	TX	77009-1917
321	HERNANDEZ MICHAEL	5305 IRVINGTON BLVD	HOUSTON	TX	77009-1920
322	HOUSTON HOUSING AUTHORITY	PO BOX 2971	HOUSTON	TX	77252-2971
323	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
323	MOTON YAKOOB Z	9030 EAGLECOVE DR	HOUSTON	TX	77064-7017
323	MOTON YAKOOB Z	9030 EAGLECOVE DR	HOUSTON	TX	77064-7017
323	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
323	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
323	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
323	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
323	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
323	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
323	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
323	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
323	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
324	CONTEMPO BUILDER	1808 SNAKE RIVER RD STE D	KATY	TX	77449-7746
324	CONTEMPO BUILDER LLC	1808 SNAKE RIVER RD STE D	KATY	TX	77449-7746
325	TANNOUS THOMAS	9254 ELIZABETH RD	HOUSTON	TX	77055-6411
326	GAMEZ BERNADINO & ARABELA	516 NEW HAVEN DR	HOUSTON	TX	77076-4028
327	RALEY JOHN W & KELLY	1 STAYTON CIR	HOUSTON	TX	77024-6725
327	GROVER S GRIMES	8955 GAYLORD DR	HOUSTON	TX	770242903
327	MEMORIAL VILLAGES WATER AUTH	8955 GAYLORD DR	HOUSTON	TX	77024-2903
327	MEMORIAL VILLAGE WA	8955 GAYLORD DR	HOUSTON	TX	77024-2903
328	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
328	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
328	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
328	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
328	1801 CAMPBELL RD LLC	PO BOX 1191	RICHMOND	TX	77406-0030
328	BUTCHER BRENDA J	9317 GREENSWARD RD	HOUSTON	TX	77080-7413
328	BOTTOMLEY SARAH J	9321 GREENSWARD RD	HOUSTON	TX	77080-7413
328	GRIGGS NORMA GENE % GRIGGS JAMES F ESTATE OF	9324 GREENSWARD RD	HOUSTON	TX	77080-7414
328	GRIGGS NORMA GENE % GRIGGS JAMES F ESTATE OF	9324 GREENSWARD RD	HOUSTON	TX	77080-7414
329	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
329	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
329	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
330	POR LP	5177 RICHMOND AVE STE 610	HOUSTON	TX	77056-6719
330	SUN BLOSSOM AT GALLERIA OAKS2	PO BOX 405	SHORT HILLS	NJ	07078-0405
331	CITY OF WEST UNIVERSITY PLACE	3800 UNIVERSITY BLVD	HOUSTON	TX	77005-2802
331	CITY OF WEST UNIVERSITY PLACE	3800 UNIVERSITY BLVD	HOUSTON	TX	77005-2802
331	CITY OF WEST UNIVERSITY PLACE	3800 UNIVERSITY BLVD	HOUSTON	TX	77005-2802
331	CITY OF WEST UNIVERSITY PLACE	3800 UNIVERSITY BLVD	HOUSTON	TX	77005-2802
331	CENTERPOINT ENERGY HOU ELE % PROPERTY TAX DEPT 38TH FLR	PO BOX 1475	HOUSTON	TX	77251-1475
332	GARCIA MANUEL J	505 FAIRVIEW AVE	HOUSTON	TX	77006-2901
333	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562

TABLE P
5-MILE WATER WELL OWNER LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Map_ID	Current_Owner	Mail_Address	Mail_City	Mail_State	Mail_Zip
333	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
333	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
333	STELL WILLIAM G	5915 BIRCHMONT DR	HOUSTON	TX	77092-2319
334	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
334	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
334	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
334	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
334	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
334	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
334	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
335	MELCHER CEDRIC V	981 SAINT CLAIR ST	HOUSTON	TX	77088-6241
335	NEW LIFE IN CHRIST BAPTIST CHURCH INC	8126 WEST MOTGOMERY	HOUSTON	TX	77088-
336	2013 HOUSTON SUNNYSIDE STREET LLC	1108 LAVACA ST SUITE 110-348	AUSTIN	TX	78701-2172
336	PAGE ERIC S & GRISELDA	6510 WERNER ST	HOUSTON	TX	77076-3133
337	NGUYEN TERESA T	5703 AIRLINE DR	HOUSTON	TX	77076-4907
338	CENTERPOINT ENERGY HOU ELE PROPERTY TAX DEPARTMENT	PO BOX 1475	HOUSTON	TX	77251-1475
338	SPRING BRANCH ISD	PO BOX 19037	HOUSTON	TX	77224-9037
338	GROVER S GRIMES	8955 GAYLORD DR	HOUSTON	TX	770242903
338	9235 KATY FWY LP	PO BOX 19067	HOUSTON	TX	77224-9067
339	CHICKADEE PROPERTIES LP &	PO BOX 40469	HOUSTON	TX	77240-0469
339	KAINER INVESTMENTS LLC	6214 N HOUSTON ROSSLYN RD	HOUSTON	TX	77091-3410
340	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
341	EAGLE LEONARD M	11110 WICKDALE DR	HOUSTON	TX	77024-7519
342	POSADA RODOLFO & VIRGINIA	6002 LUNA ST	HOUSTON	TX	77076-4112
343	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
343	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
343	ALDINE ISD	14910 ALDINE WESTFIELD RD	HOUSTON	TX	77032-3028
343	ALDINE ISD	14910 ALDINE WESTFIELD RD	HOUSTON	TX	77032-3028
343	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
343	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
343	STANCE AUTOWORKS LLC	11815 MISTY VALLEY DR	HOUSTON	TX	77066-2715
343	HICKS ALLEN ET UX	37396 MEADOWVIEW DR	HEMPSTEAD	TX	77445-8240
343	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
343	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
343	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
343	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
343	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
343	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
344	7667 WOODWAY DRIVE LLC	71 S WACKER DR STE 3575	CHICAGO	IL	60606-4610
344	7676 WOODWAY LTD	7676 WOODWAY DR STE 104	HOUSTON	TX	77063-1521
345	THREE ALLEN CENTER CO LLC	PO BOX 4900	SCOTTSDALE	AZ	85261-4900
346	KREBS MICHAEL DEWAYNE	727 MILLVILLE DR	HOUSTON	TX	77091-2479
346	TABATABAI SEYED A	282 PINE HOLLOW LN	HOUSTON	TX	77056-1502
346	NARINESINGH KENNETH	14533 S H 249	HOUSTON	TX	77086-
346	NARINESINGH KENNETH	14533 S H 249	HOUSTON	TX	77086-
347	BOULEVARD BJC LLC ETAL	3773 RICHMOND AVE STE 580	HOUSTON	TX	77046-1140
347	BOULEVARD BJC LLC ETAL	3773 RICHMOND AVE STE 580	HOUSTON	TX	77046-1140

TABLE P
5-MILE WATER WELL OWNER LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Map_ID	Current_Owner	Mail_Address	Mail_City	Mail_State	Mail_Zip
348	RANGER H TX LP	220 E 42ND ST	NEW YORK	NY	10017-5806
348	RANGER H TX LP	220 E 42ND ST	NEW YORK	NY	10017-5806
348	RANGER H TX LP	220 E 42ND ST	NEW YORK	NY	10017-5806
348	YHR PARTNERS I LP ATTN: JOHN RYDMAN	2410 SMITH ST	HOUSTON	TX	77006-2316
348	YHR PARTNERS I LP ATTN: JOHN RYDMAN	2410 SMITH ST	HOUSTON	TX	77006-2316
348	YHR PARTNERS I LP ATTN: JOHN RYDMAN	2410 SMITH ST	HOUSTON	TX	77006-2316
348	YHR PARTNERS I LP ATTN: JOHN RYDMAN	2410 SMITH ST	HOUSTON	TX	77006-2316
348	YHR PARTNERS I LP ATTN: JOHN RYDMAN	2410 SMITH ST	HOUSTON	TX	77006-2316
348	YHR PARTNERS I LP ATTN: JOHN RYDMAN	2410 SMITH ST	HOUSTON	TX	77006-2316
348	RANGER H TX LP C/O DRA ADVISORS LLC	220 E 42ND ST 27TH FLOOR	NEW YORK	NY	10017-5819
349	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
349	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
349	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
349	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
349	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
349	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
349	ESCALERA MARISELA	11663 TOWNSHIP DALE CT	HOUSTON	TX	77038-3607
349	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
350	BILLY & DARLA MANAGEMENT LLC	10009 KEMP FOREST	HOUSTON	TX	77080
350	FCP HOUSTON LLC	9300 S INTERSTATE 35 # A500522	AUSTIN	TX	78748-1733
350	MPI PROPERTIES LTD ATTN: TAX DEPT	12922 HEMPSTEAD RD	HOUSTON	TX	77040-6508
350	MPI PROPERTIES LTD ATTN: TAX DEPT	12922 HEMPSTEAD RD	HOUSTON	TX	77040-6508
350	SPRADLIN RICHARD	PO BOX 924251	HOUSTON	TX	77292-4251
350	SPRADLIN RICHARD	PO BOX 924251	HOUSTON	TX	77292-4251
351	HAYWARD ARCHIE & WARRIENE	737 MILLVILLE DR	HOUSTON	TX	77091-2429
352	RALSTON SCOTT ANDREW & DIANNE	11318 SMITHDALE RD	HOUSTON	TX	77024-6747
352	RALSTON SCOTT ANDREW & DIANNE	11318 SMITHDALE RD	HOUSTON	TX	77024-6747
353	PROCEGAS LLC	111 BERRY RD	HOUSTON	TX	77022-3126
354	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
355	AKBARIN INVESTMENTS LLC	5869 WESTHEIMER RD	HOUSTON	TX	77057-5616
355	PALMYRA COMMERCIAL LIMITED	3939 HARTSDALE DR	HOUSTON	TX	77063-6403
356	LUU TRAM	11510 LEGEND MANOR	HOUSTON	TX	77082-3082
357	CSE VILLAGES LLC OMEGA HEALTHCARE INVESTORS	303 INTERNATIONAL CIR STE 200	COCKEYSVILLE	MD	21030-1359
357	CSE VILLAGES LLC OMEGA HEALTHCARE INVESTORS	303 INTERNATIONAL CIR STE 200	COCKEYSVILLE	MD	21030-1359
357	CSE VILLAGES LLC OMEGA HEALTHCARE INVESTORS	303 INTERNATIONAL CIR STE 200	COCKEYSVILLE	MD	21030-1359
357	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
357	CSE VILLAGES LLC OMEGA HEALTHCARE INVESTORS	303 INTERNATIONAL CIR STE 200	COCKEYSVILLE	MD	21030-1359
357	CSE VILLAGES LLC OMEGA HEALTHCARE INVESTORS	303 INTERNATIONAL CIR STE 200	COCKEYSVILLE	MD	21030-1359
357	CSE VILLAGES LLC OMEGA HEALTHCARE INVESTORS	303 INTERNATIONAL CIR STE 200	COCKEYSVILLE	MD	21030-1359
357	CSE VILLAGES LLC OMEGA HEALTHCARE INVESTORS	303 INTERNATIONAL CIR STE 200	COCKEYSVILLE	MD	21030-1359
357	CSE VILLAGES LLC OMEGA HEALTHCARE INVESTORS	303 INTERNATIONAL CIR STE 200	COCKEYSVILLE	MD	21030-1359
357	ELECTRONICS UNLIMITED INC	1345 BLALOCK RD	HOUSTON	TX	77055-6450
357	STUBBLEFIELD TERRY	1403 BLALOCK RD APT 1	HOUSTON	TX	77055-4445
358	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
358	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
358	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
359	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562

TABLE P
5-MILE WATER WELL OWNER LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Map_ID	Current_Owner	Mail_Address	Mail_City	Mail_State	Mail_Zip
359	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
359	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
360	504 BROOKS PARTNERS LP	4800 GIBSON ST	HOUSTON	TX	77007-
361	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
362	PALLAIS ALEJANDRO A & JENNY P	9421 CAMPBELL RD	HOUSTON	TX	77080-8014
362	VITA LIVING FOUNDATION	3300 S GESSNER RD # 150	HOUSTON	TX	77063-3201
363	MARTINEZ JOEL	11213 BAUMAN RD	HOUSTON	TX	77076-1801
364	MORALES BERTHA	4504 COCHRAN ST	HOUSTON	TX	77009-3416
365	PEARSON JOHN & LAURIE	3408 ALBANS RD	HOUSTON	TX	77005-2106
366	RAMA BLALOCK APARTMENTS LLC	1200 BLALOCK RD STE 210	HOUSTON	TX	77055-6441
366	STANMORE / ADEF BLALOCK LP	675 BERING DR STE 860	HOUSTON	TX	77057-2129
367	HARRIS TONY LONZEL	860 DOLLY WRIGHT ST	HOUSTON	TX	77088-7915
368	S O DANGERFIELD AND SONS INC	PO BOX 38549	HOUSTON	TX	77238-8549

Prepared for:

MECX, INC -HOUSTON
8864 Interchange Drive
Houston, TX 77054

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Water Well Report

1501 Seamist Drive

Houston, TX

Harris County

PO #: 1567.002C

ES-137683

Wednesday, October 6, 2021

Table of Contents

Geographic Summary	**3**
Maps	
Summary Map - 5 Mile Buffer	**4**
Topographic Overlay Map - 5 Mile Buffer	**5**
Current Imagery Overlay Map - 5 Mile Buffer	**6**
Water Well Details	**7**
Database Definitions and Sources	**1271**
Disclaimer	**1272**

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Geographic Summary

Location
Harris County, TX
Target location is 0.025 square miles and has a 0.68 mile perimeter

Coordinates	
Longitude & Latitude in Degrees Minutes Seconds	NA
Longitude & Latitude in Decimal Degrees	NA
X and Y in UTM	NA

Elevation
NA

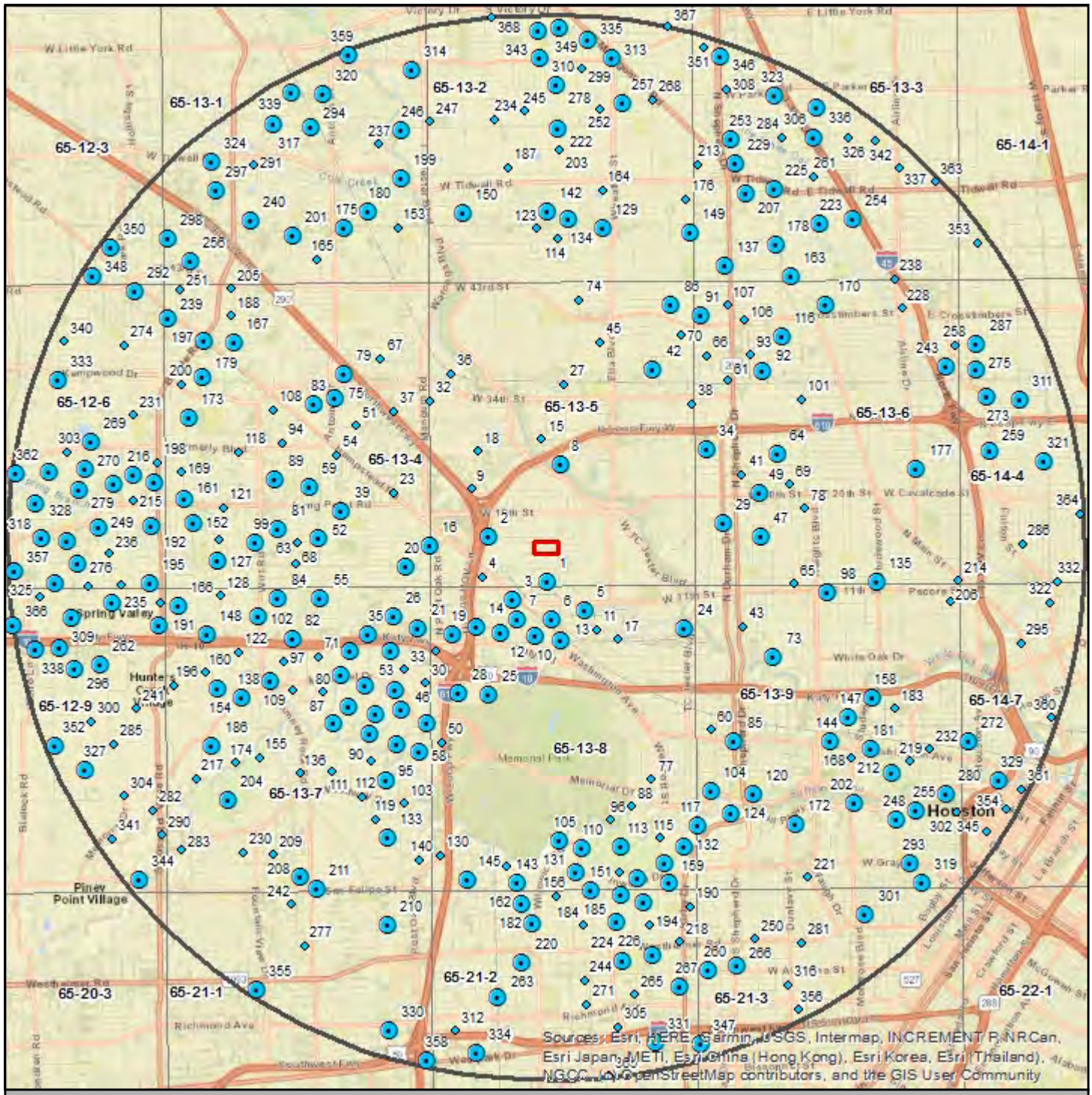
Zip Codes Searched	
Search Distance	**Zip Codes (historical zip codes included)**
Target Property	77008
5 miles	77046, 77024, 77040, 77057, 77027, 77063, 77092, 77008, 77018, 77055, 77056, 77006, 77002, 77201, 77041, 77019, 77088, 77091, 77076, 77007, 77201, 77081, 77005, 77022, 77009, 77098, 77401, 77080

Topos Searched	
Search Distance	**Topo Name**
Target Property	Houston Heights (1983)
5 miles	Settegast (1983), Hedwig Village (1982), Houston Heights (1983), Bellaire (1983), Alief (1983), Park Place (1983)

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Summary Map - 5 Mile Buffer

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP



1501 Seamist Drive

- Well
- Well Cluster
- Target Property
- Search Buffer
- Texas Quad Index

1 : 87,000
1 inch = 1.373 miles
1 inch = 7250 feet
1 centimeter = 0.870 kilometers
1 centimeter = 870 meters

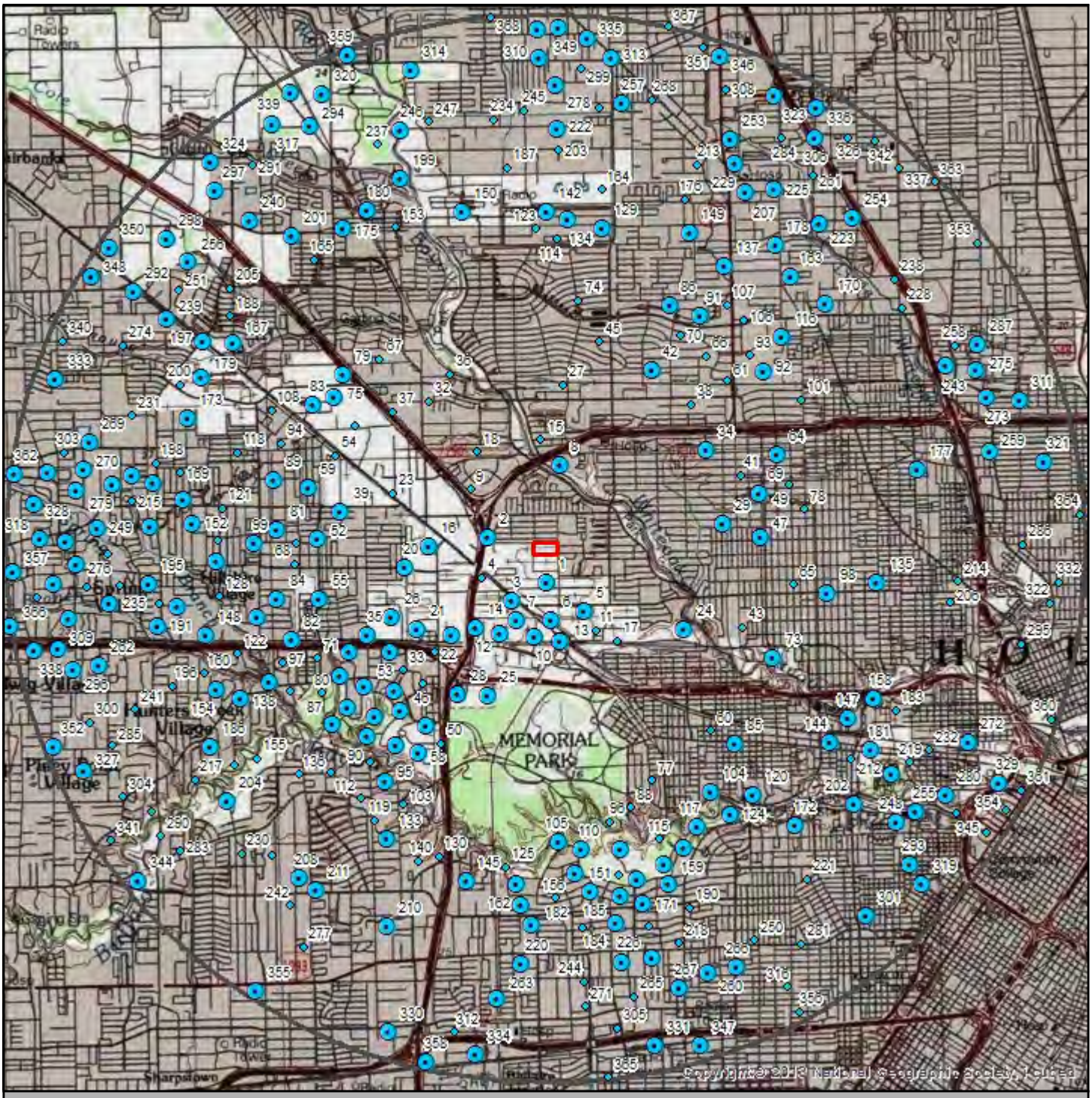
N

Lambert Conformal Conic Projection
1983 North American Datum
First Standard Parallel: 33 0' 00" North
Second Standard Parallel: 45 0' 00" North
Central Meridian: 96 0' 00" West
Latitude of Origin: 39 0' 00" North

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Topographic Overlay Map - 5 Mile Buffer

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP



1501 Seamist Drive

Well

Well Cluster

Target Property

Search Buffer

Target Property Quad Name(s)
Houston Heights (1983)

1 : 87,000

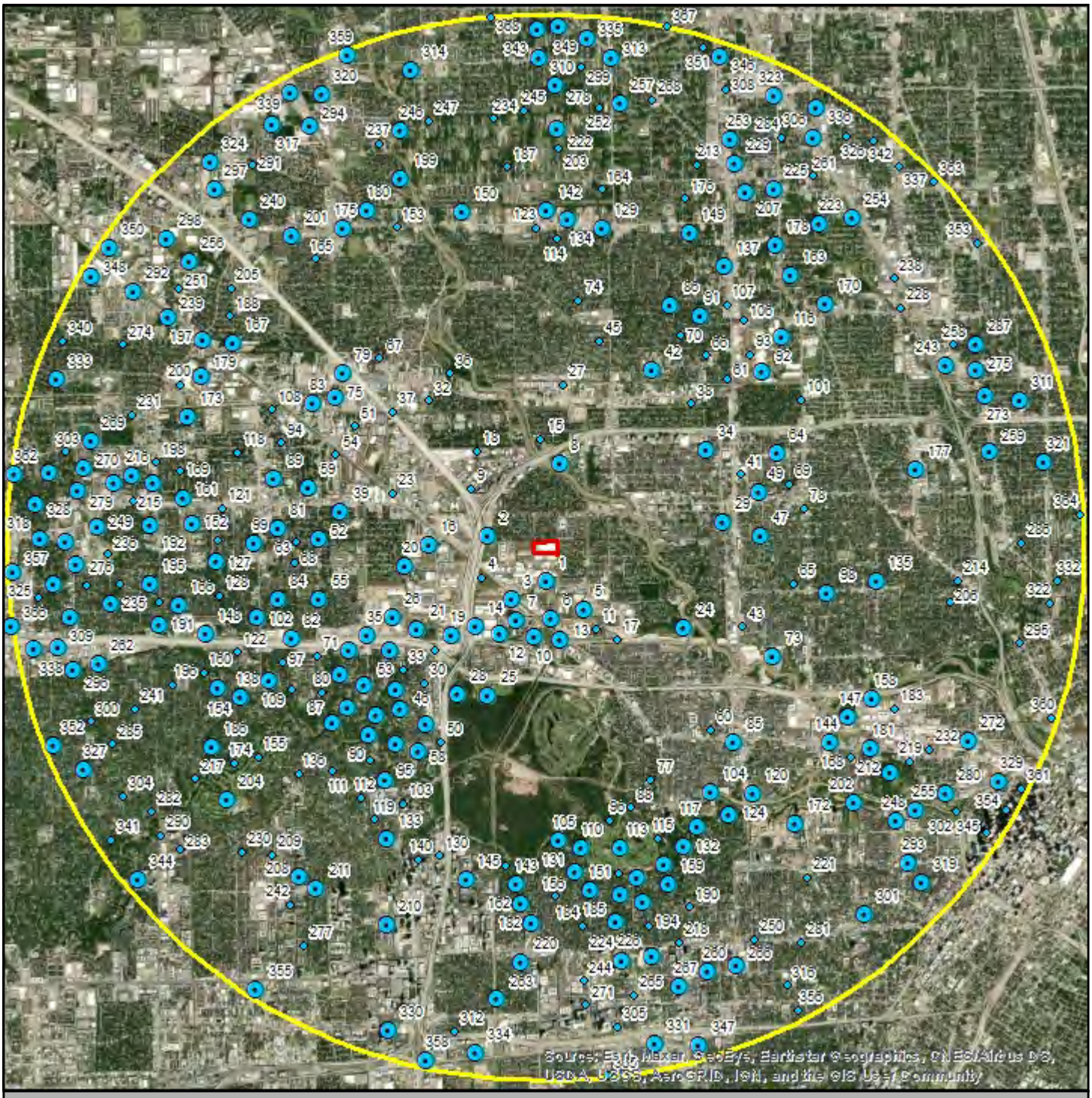
1 inch = 1.373 miles
1 inch = 7250 feet

Lambert Conformal Conic Projection
1983 North American Datum
First Standard Parallel: 33 0' 00" North
Second Standard Parallel: 45 0' 00" North
Central Meridian: 96 0' 00" West
Latitude of Origin: 39 0' 00" North

N

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Current Imagery Overlay Map - 5 Mile Buffer



1501 Seamist Drive

Well

Well Cluster

Target Property

Search Buffer

1 : 87,000

1 inch = 1.373 miles
1 inch = 7250 feet
1 centimeter = 0.870 kilometers
1 centimeter = 870 meters

N

Lambert Conformal Conic Projection
1983 North American Datum
First Standard Parallel: 33 0' 00" North
Second Standard Parallel: 45 0' 00" North
Central Meridian: 96 0' 00" West
Latitude of Origin: 39 0' 00" North

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
1	65-13-8C	TX TCEQ HIST	General Electric Co.	Industrial	533	03/06/1969	-95.43959	29.792208	67 ft	View
1	HGSD2756	TX HGSD	GENERAL ELECTRIC COMPANY	Irrigation	553	01/01/1969	-95.441117	29.791945	67 ft	N/A
1	6513516	TX TWDB GW	General Electric	Industrial	533	3/6/1969	-95.440841	29.792227	67 ft	View
2	65-13-5	TX TCEQ HIST	Houston Garden Center	Irrigation	400	11/07/2000	-95.448786	29.798484	70 ft	View
2	HGSD8385	TX HGSD	Houston Garden Center	Other	400	n/a	-95.451397	29.798615	68 ft	N/A
3	HGSD2844	TX HGSD	HOUSTON SHELL & CONCRETE	Irrigation	565	01/01/1965	-95.445007	29.789725	66 ft	N/A
3	HGSD9760	TX HGSD	Williams Brothers Const. Co., Inc.	Irrigation	380	01/01/2004	-95.443617	29.787785	66 ft	N/A
4	65-13-8E	TX TCEQ HIST	Faulkner Contractors	Industrial	449	07/25/1977	-95.450007	29.792815	71 ft	View
5	65-13-8	TX TCEQ HIST	Texas Bolt Co.	Industrial	305	07/16/1988	-95.433853	29.788219	63 ft	View
5	6513830	TX TWDB GW	Production Die Casting Co.	Industrial	310	01/01/1962	-95.433341	29.78945	62 ft	View
6	65-13-4	TX TCEQ HIST	Warron Eng	Domestic	297	12/13/1990	-95.438852	29.787049	63 ft	View
6	HGSD2157	TX HGSD	Engineers and Fabricators Co.	Irrigation	330	01/01/1957	-95.438897	29.787505	63 ft	N/A
6	HGSD7482	TX HGSD	Beeson Properties	Domestic	250	01/01/1976	-95.440567	29.785005	65 ft	N/A
6	G1011180 A	TX TCEQ PWS	EFCO & CO	Public Supply	324	09/10/1957	-95.439113	29.788009	64 ft	View
6	6513825	TX TWDB GW	Engineers Fabricators Inc.	Industrial	324	01/01/1957	-95.438341	29.787783	63 ft	View
7	HGSD7544	TX HGSD	TRINITY INDUSTRIES, INC.	Domestic	350	01/01/1993	-95.444447	29.786945	65 ft	N/A
7	HGSD7483	TX HGSD	Beeson Properties	Domestic	250	01/01/1976	-95.443617	29.786115	65 ft	N/A
8	HGSD4952	TX HGSD	NULL	Public Supply	425	n/a	-95.437507	29.808335	57 ft	N/A
8	HGSD4951	TX HGSD	NULL	Public Supply	425	n/a	-95.437507	29.808335	57 ft	N/A
9	65-04-9M	TX TCEQ HIST	Brookhollow Corporation	Domestic	340	10/01/1973	-95.45163	29.804929	72 ft	View
10	HGSD9761	TX HGSD	Williams Brothers Const. Co., Inc.	Irrigation	380	n/a	-95.441677	29.784725	63 ft	N/A
10	HGSD1255 7	TX HGSD	Harris Co. M.U.D. No. 537	Lost	300	n/a	-95.441397	29.783895	62 ft	N/A
10	HGSD1003 2	TX HGSD	Williams Brothers Const. Co., Inc.	Public Supply	360	01/01/2005	-95.441677	29.784725	63 ft	N/A
11	65-13-8G	TX TCEQ HIST	Automation Products Inc.	Domestic	287	11/24/1974	-95.432192	29.785593	60 ft	View
12	65-13-8H	TX TCEQ HIST	General Welding Works	Industrial	360	07/29/1975	-95.446937	29.785181	65 ft	View
12	65-13-8J	TX TCEQ HIST	General Welding Co.	Industrial	248	02/28/1979	-95.446937	29.785181	65 ft	View
12	65-16-8	TX TCEQ HIST	General Welding	Domestic	430	10/16/1986	-95.446937	29.785181	65 ft	View
12	6513838	TX TWDB GW	USGS EUREKA HTS	Unused	36	01/01/1978	-95.445841	29.783616	62 ft	View
12	6513828	TX TWDB GW	Austin Bros. Steel Co.	Industrial	394	01/01/1956	-95.449452	29.784727	66 ft	View
12	6513839	TX TWDB GW	USGS EUREKA HTS	Unused	55	01/01/1978	-95.445285	29.78306	64 ft	View
13	6513832	TX TWDB GW	Houston Materials	Industrial	320	01/01/1969	-95.437507	29.784172	64 ft	View
13	6513804	TX TWDB GW	Spears Co.	Industrial	260	01/01/1948	-95.435841	29.782227	61 ft	View
14	HGSD2070	TX HGSD	WEINGARTEN REALTY, INC.	Irrigation	438	01/01/1969	-95.450837	29.786115	65 ft	N/A
14	6513831	TX TWDB GW	American Porcelain Enameling, Inc.	Industrial	438	01/01/1969	-95.450563	29.785839	65 ft	View
15	HGSD5352	TX HGSD	Hartman Management	Lost	300	01/01/1971	-95.440567	29.811675	56 ft	N/A
16	HGSD1275 8	TX HGSD	NPO 1495, LP	Other	370	n/a	-95.458067	29.797225	69 ft	N/A
16	6513503	TX TWDB GW	Phillip Carey Manufacturing Co.	Unused	160	01/01/1947	-95.456396	29.797783	69 ft	View
17	HGSD2701	TX HGSD	SUPERIOR CONCRETE ACCESSORIES	Irrigation	480	01/01/1971	-95.428897	29.784175	56 ft	N/A
18	65-13-5E	TX TCEQ HIST	Five P. Processing Lab	Domestic	420	06/07/1977	-95.450607	29.810125	67 ft	View
19	65-13-7	TX TCEQ HIST	USS Agri. Chemicals	Domestic	460	06/26/1986	-95.454658	29.785003	65 ft	View
19	6513802	TX TWDB GW	Station KATL	Domestic	190	01/01/1949	-95.455563	29.782783	65 ft	View
20	G1010013 QJ	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	598	02/21/1949	-95.461894	29.794399	65 ft	View
20	6513401	TX TWDB GW	City of Houston Westview	Unused	598	2/21/1949	-95.461952	29.79445	66 ft	View
21	65-13-8B	TX TCEQ HIST	O.T.M. Corp.	Industrial	389	11/11/1974	-95.459999	29.785872	65 ft	View

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
21	HGSD1365	TX HGSD	COOPER CAMERON CORP - CAMRON DIV	Irrigation	1568	01/01/1960	-95.462507	29.786945	66 ft	N/A
21	HGSD1366	TX HGSD	CAMERON IRON WORKS, INC.	Irrigation	860	01/01/1963	-95.461947	29.786675	66 ft	N/A
21	HGSD4652	TX HGSD	COOPER INDUSTRIES	Irrigation	50	n/a	-95.460567	29.787505	65 ft	N/A
21	HGSD4656	TX HGSD	COOPER INDUSTRIES	Irrigation	50	n/a	-95.461947	29.784445	74 ft	N/A
21	HGSD4651	TX HGSD	COOPER INDUSTRIES	Irrigation	50	n/a	-95.462507	29.787505	66 ft	N/A
21	G1010937 A	TX TCEQ PWS	WYMAN GORDON FORGINGS SILBER RD	Public Supply	1568	01/01/1960	-95.462444	29.786066	67 ft	View
21	6513717	TX TWDB GW	Cooper Industries Cameron FRGD Div.	Industrial	1568	01/01/1960	-95.462508	29.786116	67 ft	View
22	6513806	TX TWDB GW	M.L. Hilton	Plugged or Destroyed	60	n/a	-95.457508	29.782783	52 ft	View
23	HGSD4791	TX HGSD	Abercrombie, Doyle L.	Public Supply	100	01/01/1953	-95.463897	29.804445	69 ft	N/A
24	65-13-8	TX TCEQ HIST	Jester Apartment Partners	Irrigation	393	03/05/2002	-95.41811	29.785681	55 ft	View
24	HGSD8849	TX HGSD	Stonewood Apartments	Other	450	01/01/2002	-95.418897	29.785005	53 ft	N/A
25	HGSD5784	TX HGSD	Houston Polo Club	Other	430	01/01/1996	-95.448897	29.776675	60 ft	N/A
25	HGSD5785	TX HGSD	Houston Polo Club	Other	430	01/01/1993	-95.448337	29.776675	59 ft	N/A
26	HGSD4650	TX HGSD	COOPER INDUSTRIES	Irrigation	50	n/a	-95.463897	29.787505	66 ft	N/A
26	6513714	TX TWDB GW	Cameron Iron Works #3	Industrial	992	6/01/1949	-95.464452	29.787227	65 ft	View
26	6513736	TX TWDB GW	Cameron Iron Works	Industrial	860	01/01/1963	-95.464174	29.788061	66 ft	View
27	65-05-7D	TX TCEQ HIST	Maurice Shannon	Domestic	150	11/10/1970	-95.437125	29.819168	71 ft	View
28	HGSD2056	TX HGSD	Bayou Club	Lost	1037	01/01/1954	-95.453617	29.776945	60 ft	N/A
28	6513803	TX TWDB GW	Bayou Club #2	Public Supply	1037	4/01/1954	-95.45473	29.776949	60 ft	View
29	433899	TX TWDB SDR	1603 DT, LP	Other	30	10/4/2016	-95.41201	29.800122	59 ft	View
29	433898	TX TWDB SDR	1603 DT, LP	Other	28	10/4/2016	-95.411907	29.799822	58 ft	View
30	65-14-9	TX TCEQ HIST	Robert A. Rowland	Domestic	334	04/26/1988	-95.459228	29.77839	64 ft	View
31	65-13-7	TX TCEQ HIST	William V. Clarke	Irrigation	440	08/07/1988	-95.464188	29.782826	66 ft	View
31	HGSD4655	TX HGSD	COOPER INDUSTRIES	Irrigation	50	n/a	-95.463067	29.784445	74 ft	N/A
32	65-13-5E	TX TCEQ HIST	Jim Mortimer	Domestic	107	10/23/1973	-95.458108	29.817104	71 ft	View
33	6513721	TX TWDB GW	W. T. Carter, Jr.	Domestic	293	01/01/1929	-95.462508	29.780283	64 ft	View
34	65-13-6G	TX TCEQ HIST	Dave Newton	Domestic	460	06/29/1978	-95.41453	29.810147	69 ft	View
34	HGSD7439	TX HGSD	MSN Properties 1, LP	Other	0	01/01/1978	-95.414447	29.810285	68 ft	N/A
34	G1010013 LV	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	925	01/01/1937	-95.414393	29.811343	67 ft	View
34	G1010013 LW	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1100	10/01/1940	-95.414393	29.811343	67 ft	View
34	G1010013 LX	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	400	01/01/1939	-95.414393	29.811343	67 ft	View
34	6513618	TX TWDB GW	City of Houston Garden Oaks	Unused	411	01/01/1939	-95.414452	29.811394	67 ft	View
34	6513619	TX TWDB GW	City of Houston Garden Oaks #1	Unused	300	01/01/1937	-95.414452	29.811394	67 ft	View
34	6513620	TX TWDB GW	City of Houston Garden Oaks #2	Public Supply	834	01/01/1940	-95.414452	29.811394	67 ft	View
35	65-13-7B	TX TCEQ HIST	Texaco, Inc	Other	273	10/12/1965	-95.467781	29.785022	65 ft	View
35	HGSD2812	TX HGSD	TEXACO, INC.	Irrigation	273	01/01/1965	-95.467787	29.784725	66 ft	N/A
35	HGSD4653	TX HGSD	COOPER INDUSTRIES	Irrigation	50	n/a	-95.466677	29.784445	88 ft	N/A
35	HGSD4648	TX HGSD	COOPER INDUSTRIES	Irrigation	50	n/a	-95.467787	29.787505	66 ft	N/A
35	HGSD4654	TX HGSD	COOPER INDUSTRIES	Irrigation	50	n/a	-95.465287	29.784445	79 ft	N/A
35	HGSD4649	TX HGSD	COOPER INDUSTRIES	Irrigation	50	n/a	-95.466677	29.787505	66 ft	N/A
35	6513712	TX TWDB GW	Cameron Iron Works #1	Industrial	388	3/4/1942	-95.466396	29.785283	67 ft	View
35	6513713	TX TWDB GW	Cameron Iron Works Well #2	Industrial	0	n/a	-95.465008	29.785283	68 ft	View
35	6513745	TX TWDB GW	Texaco Inc.	Industrial	273	01/01/1965	-95.467229	29.78445	90 ft	View
36	65-13-4B	TX TCEQ HIST	Mrs. Tilson	Domestic	225	10/30/1973	-95.454867	29.820783	67 ft	View
37	HGSD5941	TX HGSD	EXXON COMPANY, U.S.A.	Public Supply	300	n/a	-95.463897	29.815565	70 ft	N/A
38	6513502	TX TWDB GW	Mraz Dance Hall	Unused	259	01/01/1948	-95.416951	29.816394	73 ft	View

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
39	HGSD3844	TX HGSD	Houston, City of	Public Supply	0	01/01/1986	-95.471947	29.801945	69 ft	N/A
39	G1010013 OK	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	590	n/a	-95.471615	29.800789	69 ft	View
39	G1010013 OL	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	710	n/a	-95.471615	29.800789	69 ft	View
39	6513419	TX TWDB GW	City of Houston Pine Terrace	Unused	590	n/a	-95.471674	29.800839	70 ft	View
39	6513402	TX TWDB GW	City of Houston Pine Terrace	Unused	710	n/a	-95.471674	29.800839	70 ft	View
40	65-13-7	TX TCEQ HIST	Caroline Vaden	Domestic	332	11/30/1989	-95.4635	29.777482	64 ft	View
40	HGSD1451 4	TX HGSD	Tavakoli, Fred	n/a	350	n/a	-95.463067	29.775285	63 ft	N/A
40	157718	TX TWDB SDR	Kaves, Kenneth	Domestic	465	10/22/2008	-95.461674	29.775283	63 ft	View
41	6513612	TX TWDB GW	Oriental Textile Mills	Plugged or Destroyed	800	01/01/1909	-95.409174	29.806672	66 ft	View
42	HGSD1061	TX HGSD	Houston, City of	Public Supply	1730	01/01/1949	-95.422787	29.821115	73 ft	N/A
42	HGSD1155 2	TX HGSD	Batterson LLP	Other	420	n/a	-95.422787	29.820285	70 ft	N/A
43	6513910	TX TWDB GW	Fidelity Chem. Corp.	Unused	465	01/01/1917	-95.409174	29.785839	59 ft	View
44	65-13-7	TX TCEQ HIST	McDugald Steel	Irrigation	321	09/10/1990	-95.458709	29.772786	61 ft	View
44	6513722	TX TWDB GW	H. C. Weiss	Unused	173	01/01/1930	-95.459452	29.77306	60 ft	View
44	6513733	TX TWDB GW	J. O. Winston, Jr.	Domestic	337	01/01/1939	-95.460841	29.772227	62 ft	View
44	6513807	TX TWDB GW	H. C. Weiss	Domestic	355	01/01/1936	-95.457508	29.772227	60 ft	View
45	HGSD1201 6	TX HGSD	Cupp, Charles & Aneta	Other	20	01/01/1984	-95.431397	29.825005	75 ft	N/A
46	65-13-7	TX TCEQ HIST	Stone Bridge Construction	Domestic	470	11/12/1990	-95.462621	29.774845	64 ft	View
46	65-13-7	TX TCEQ HIST	Signature Homes	Irrigation	450	11/18/2002	-95.462371	29.77371	65 ft	View
46	165743	TX TWDB SDR	Buu Q. Dang	Irrigation	335	1/6/2009	-95.461396	29.773616	63 ft	View
47	65-13-6J	TX TCEQ HIST	City of Houston	Public Supply	1465	07/01/1979	-95.406079	29.798221	63 ft	View
47	HGSD3372	TX HGSD	Houston, City of	Public Supply	1458	01/01/1936	-95.407227	29.798615	65 ft	N/A
47	HGSD3707	TX HGSD	Houston, City of	Public Supply	612	01/01/1988	-95.408067	29.799445	62 ft	N/A
47	G1010013 Q	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1465	09/01/1979	-95.405936	29.798234	63 ft	View
47	G1010013 GY	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	561	01/01/1936	-95.406893	29.797454	63 ft	View
47	6513608	TX TWDB GW	City of Houston	Unused	1458	01/01/1936	-95.406118	29.798061	63 ft	View
47	6513627	TX TWDB GW	City of Houston, Heights, well #7A	Public Supply	1465	9/01/1979	-95.406119	29.798061	63 ft	View
48	65-13-4	TX TCEQ HIST	Courtesy Cheverolet	Industrial	355	05/20/1989	-95.470741	29.782842	66 ft	View
48	65-13-7D	TX TCEQ HIST	H.A. Lott, Inc.	Industrial	298	12/30/1973	-95.471845	29.784825	68 ft	View
49	HGSD1068	TX HGSD	Houston, City of	Public Supply	1890	01/01/1962	-95.406117	29.804175	62 ft	N/A
49	HGSD1069	TX HGSD	Houston, City of	Public Supply	1730	01/01/1965	-95.405287	29.803065	61 ft	N/A
49	G1010013 X	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1844	04/01/1962	-95.406821	29.804688	62 ft	View
49	G1010013 GU	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1270	03/05/1923	-95.405779	29.80301	61 ft	View
49	G1010013 GV	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1470	01/01/1924	-95.405779	29.80301	61 ft	View
49	G1010013 GW	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1858	07/21/1931	-95.404665	29.803843	60 ft	View
49	G1010013 GZ	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1253	01/01/1938	-95.404665	29.80301	62 ft	View
49	G1010013 HE	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1730	01/01/1965	-95.405779	29.803843	61 ft	View
49	6513604	TX TWDB GW	City of Houston Heights #16	Public Supply	1890	4/01/1962	-95.40723	29.804728	62 ft	View
49	6513606	TX TWDB GW	City of Houston Heights #5	Plugged or Destroyed	1858	01/01/1931	-95.40473	29.803894	60 ft	View

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
49	6513607	TX TWDB GW	City of Houston Heights #8	Unused	1252	01/01/1938	-95.40473	29.803061	62 ft	View
49	6513613	TX TWDB GW	City of Houston Heights #2	Unused	1362	01/01/1923	-95.405563	29.803339	63 ft	View
49	6513614	TX TWDB GW	City of Houston Heights #3	Unused	1039	01/01/1924	-95.405563	29.803339	63 ft	View
49	6513624	TX TWDB GW	City of Houston Heights #17	Public Supply	1730	2/01/1965	-95.40473	29.803617	61 ft	View
50	6513809	TX TWDB GW	Dudley Sharp	Domestic	492	01/01/1939	-95.456674	29.770283	61 ft	View
51	65-13-4A	TX TCEQ HIST	Don Bradshaw	Industrial	400	10/15/1969	-95.469758	29.813758	70 ft	View
52	65-13-4	TX TCEQ HIST	Quong Vo	Domestic	50	11/07/2000	-95.475417	29.798322	70 ft	View
52	65-13-4	TX TCEQ HIST	Gonzello Uriostegui	Domestic	50	11/07/2000	-95.475463	29.7985	71 ft	View
53	65-13-7	TX TCEQ HIST	A.J. Foyt	Irrigation	386	07/19/1989	-95.468243	29.778164	64 ft	View
53	6513750	TX TWDB GW	Robert A. Rowland Well # 2	Domestic	334	01/01/1988	-95.465841	29.777227	63 ft	View
53	278307	TX TWDB SDR	Grainger	Domestic	392	10/12/2006	-95.468896	29.780005	64 ft	View
53	278046	TX TWDB SDR	Mc Alister	Domestic	394	5/9/2006	-95.466674	29.778894	65 ft	View
54	HGSD4600	TX HGSD	AIR LIQUIDE AMERICA CORPORATION	Irrigation	380	01/01/1950	-95.472787	29.809725	73 ft	N/A
55	HGSD1002	TX HGSD	Houston, City of	Public Supply	1665	01/01/1954	-95.475287	29.790005	68 ft	N/A
55	HGSD11404	TX HGSD	Afton HOA	Other	50	01/01/2010	-95.472787	29.790285	65 ft	N/A
55	G1010013BS	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1665	12/07/1954	-95.475898	29.789994	67 ft	View
55	6513701	TX TWDB GW	City of Houston	Plugged or Destroyed	1665	12/1/1954	-95.475899	29.789994	67 ft	View
56	65-13-7	TX TCEQ HIST	Darla Lexington	Domestic	455	05/25/1996	-95.466603	29.774065	63 ft	View
56	65-13-5J	TX TCEQ HIST	J.O. Winston Jr.	Domestic	378	03/17/1983	-95.467705	29.772017	64 ft	View
56	65-13-7	TX TCEQ HIST	Ray B. Nesbitt	Domestic	424	11/02/2001	-95.468154	29.77276	62 ft	View
56	65-13-8	TX TCEQ HIST	A.B. Ramesh	Domestic	470	09/30/2000	-95.467562	29.771508	65 ft	View
56	6513704	TX TWDB GW	Laise	Domestic	505	01/01/1953	-95.466674	29.773338	61 ft	View
56	6513708	TX TWDB GW	M. R. Sprague	Domestic	325	01/01/1950	-95.466396	29.775838	60 ft	View
56	278048	TX TWDB SDR	Kramer	Domestic	402	5/3/2006	-95.466119	29.776116	49 ft	View
57	65-13-7	TX TCEQ HIST	Debbie J. Callen	Irrigation	420	01/21/1994	-95.472129	29.779603	65 ft	View
57	65-13-7	TX TCEQ HIST	John Karbli	Domestic	382	10/18/1993	-95.474182	29.777677	63 ft	View
57	163571	TX TWDB SDR	Harl, Randy & Cassie	Domestic	390	1/4/2008	-95.472507	29.779172	62 ft	View
58	65-12-9S	TX TCEQ HIST	Country Stock	Domestic	220	07/06/1984	-95.45995	29.769075	60 ft	View
58	HGSD2203	TX HGSD	Houstonian, The	Public Supply	500	01/01/1961	-95.458897	29.766675	57 ft	N/A
58	HGSD2204	TX HGSD	Houstonian, The	Public Supply	350	01/01/1971	-95.460567	29.766675	45 ft	N/A
58	HGSD4177	TX HGSD	Fay School, The	Other	465	01/01/1985	-95.459177	29.767505	60 ft	N/A
58	HGSD6114	TX HGSD	Houstonian, The	Other	400	01/01/1998	-95.460287	29.768065	59 ft	N/A
58	HGSD9616	TX HGSD	Houstonian, The	Other	470	01/01/2003	-95.459177	29.768895	58 ft	N/A
59	HGSD2597	TX HGSD	E.Lindsay. Edward E	Public Supply	60	01/01/1950	-95.476947	29.805285	71 ft	N/A
59	219707	TX TWDB SDR	The Womesm's Home	Irrigation	375	1/5/2010	-95.47584	29.803061	69 ft	View
60	65-13-9G	TX TCEQ HIST	William Brothers Construction	Industrial	369	09/15/1982	-95.414252	29.771774	53 ft	View
61	65-13-6Q	TX TCEQ HIST	Sparkle Ice	Industrial	425	05/15/1978	-95.411334	29.819689	71 ft	View
62	65-13-8	TX TCEQ HIST	Carl Davis	Domestic	318	08/25/1993	-95.463325	29.770078	64 ft	View
62	65-13-7	TX TCEQ HIST	Mr. Cizik	Domestic	435	07/13/1999	-95.463424	29.768484	53 ft	View
62	60-29-1	TX TCEQ HIST	Lester Smith	Domestic	742	02/27/2001	-95.464347	29.768674	56 ft	View
62	65-13-7	TX TCEQ HIST	Ugo Di Portanova Estate	Domestic	429	11/14/2001	-95.464942	29.771673	64 ft	View
62	173010	TX TWDB SDR	Lester Smith	Domestic	391	10/11/2004	-95.463619	29.768894	60 ft	View
63	65-13-8E	TX TCEQ HIST	Jarda Cerny	Domestic	50	03/27/1972	-95.478999	29.797777	70 ft	View
64	65-13-6E	TX TCEQ HIST	Corrosion Protection	Industrial	337	12/04/1976	-95.4034	29.809567	64 ft	View
64	65-13-3C	TX TCEQ HIST	National Forge Co.	Industrial	410	01/15/1969	-95.402272	29.808636	62 ft	View
64	HGSD1060	TX HGSD	Houston, City of	Public Supply	1232	01/01/1936	-95.405567	29.809725	64 ft	N/A
64	HGSD2198	TX HGSD	National Flame & Forge, Inc.	Irrigation	612	01/01/1965	-95.403067	29.808895	64 ft	N/A

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
64	HGSD3706	TX HGSD	Houston, City of	Public Supply	2000	01/01/1990	-95.405837	29.810285	64 ft	N/A
64	HGSD10609	TX HGSD	Moss Landscaping	Other	450	n/a	-95.403617	29.810285	64 ft	N/A
64	G1010013P	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1231	03/01/1982	-95.405776	29.810294	64 ft	View
64	G1010013GX	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1232	09/18/1936	-95.405779	29.809954	63 ft	View
64	6513605	TX TWDB GW	City of Houston Heights #6	Unused	1232	01/01/1936	-95.405563	29.810283	64 ft	View
64	6513626	TX TWDB GW	City of Houston, Heights, well #6A	Public Supply	1231	3/01/1982	-95.405563	29.810283	64 ft	View
65	65-04-4F	TX TCEQ HIST	R.J. Lemon	Domestic	200	07/25/1960	-95.401164	29.791708	57 ft	View
66	65-13-9E	TX TCEQ HIST	C.O. Wiley	Other	254	02/13/1969	-95.414583	29.823002	73 ft	View
67	65-13-4K	TX TCEQ HIST	John Speights	Domestic	28	06/22/1974	-95.465814	29.822867	72 ft	View
68	65-13-4C	TX TCEQ HIST	Jack Lodge	Domestic	421	06/02/1980	-95.479341	29.794925	69 ft	View
69	6513625	TX TWDB GW	National Forge Co.	Industrial	410	1/8/1969	-95.401674	29.805283	61 ft	View
70	HGSD1062	TX HGSD	Houston, City of	Public Supply	1880	01/01/1949	-95.418617	29.825835	75 ft	N/A
71	65-12-9Q	TX TCEQ HIST	H.O. Richey	Domestic	381	08/11/1983	-95.475967	29.782148	65 ft	View
72	65-13-7	TX TCEQ HIST	Cary McNair	Irrigation	386	11/08/1993	-95.470955	29.775149	64 ft	View
72	65-13-7	TX TCEQ HIST	Michael Tran	Domestic	380	11/27/1996	-95.47169	29.77407	61 ft	View
72	65-13-7	TX TCEQ HIST	Mcdugald-Steel (Camp)	Irrigation	388	05/10/1990	-95.472216	29.776163	63 ft	View
72	65-13-7	TX TCEQ HIST	Robert Brockman	Domestic	456	03/17/1998	-95.47348	29.774017	58 ft	View
72	65-13-7	TX TCEQ HIST	Adriane Unger	Domestic	385	10/12/2000	-95.469718	29.776609	64 ft	View
72	65-13-7	TX TCEQ HIST	David King	Domestic	420	10/16/1988	-95.470886	29.776136	64 ft	View
72	65-13-7	TX TCEQ HIST	Lydia Dugan	Domestic	402	08/22/2000	-95.470504	29.773134	51 ft	View
72	HGSD3520	TX HGSD	ROANE, GAY A.	Other	500	01/01/1980	-95.471947	29.774175	60 ft	N/A
72	232419	TX TWDB SDR	Smith	Irrigation	393	6/30/2010	-95.469174	29.774727	64 ft	View
73	6513911	TX TWDB GW	Swift and Co.	Industrial	670	01/01/1917	-95.404174	29.781672	48 ft	View
73	6513912	TX TWDB GW	Houston Cotton Oil Co.	Unused	540	01/01/1893	-95.403619	29.779449	47 ft	View
74	65-13-2Q	TX TCEQ HIST	Shipley	Domestic	370	03/24/1983	-95.43452	29.830704	79 ft	View
75	65-13-2	TX TCEQ HIST	Burt Saville	Domestic	345	10/04/1995	-95.472701	29.8176	73 ft	View
75	65-13-4B	TX TCEQ HIST	Turner Hdw. Co.	Industrial	252	11/22/1969	-95.472213	29.820182	74 ft	View
75	6513422	TX TWDB GW	Gulf Coast Welding & Construction Co.	Industrial	252	01/01/1969	-95.472229	29.819449	73 ft	View
76	HGSD3219	TX HGSD	WINSTON, JR., J. O.	Public Supply	337	01/01/1939	-95.467787	29.771395	61 ft	N/A
76	190019	TX TWDB SDR	Rebecca Parsons	Domestic	435	8/30/2006	-95.468618	29.771672	59 ft	View
77	65-13-8	TX TCEQ HIST	Bluewater Real Estate	Domestic	494	11/01/2001	-95.423642	29.76499	53 ft	View
78	6513623	TX TWDB GW	Heights Savings Assoc.	Domestic	286	01/01/1961	-95.399452	29.80195	60 ft	View
79	HGSD9697	TX HGSD	Houston Garden Center # 16	Agriculture	350	01/01/2004	-95.471397	29.820835	74 ft	N/A
79	HGSD9704	TX HGSD	Houston Garden Center # 16	Agriculture	350	01/01/2004	-95.472507	29.822225	72 ft	N/A
80	65-14-9	TX TCEQ HIST	Ed Cappel	Domestic	46	12/14/1987	-95.475273	29.777208	63 ft	View
81	65-13-4	TX TCEQ HIST	T.L. Smith	Domestic	57	02/09/2001	-95.481796	29.799657	70 ft	View
81	65-13-5C	TX TCEQ HIST	E.W. Sanders	Domestic	47	11/21/1973	-95.483382	29.799145	70 ft	View
81	65-12-5V	TX TCEQ HIST	Sam Mullin	Domestic	228	05/06/1982	-95.484153	29.800479	71 ft	View
82	65-12-7B	TX TCEQ HIST	Signal Oil Co.	Other	329	12/12/1966	-95.47968	29.784542	67 ft	View
82	HGSD2997	TX HGSD	EXXON COMPANY, U.S.A.	Irrigation	0	01/01/1983	-95.482787	29.784175	82 ft	N/A
82	HGSD2813	TX HGSD	TEXACO, INC.	Irrigation	263	01/01/1962	-95.480007	29.783065	66 ft	N/A
82	HGSD14511	TX HGSD	Whilden, Wade	n/a	300	n/a	-95.479447	29.782505	65 ft	N/A
82	6513738	TX TWDB GW	Texaco Inc.	Industrial	263	01/01/1962	-95.479729	29.78306	66 ft	View
82	6513741	TX TWDB GW	Signal Oil Co.	Industrial	329	01/01/1966	-95.480562	29.784172	68 ft	View
82	135362	TX TWDB SDR	Markman, Barbara	Domestic	380	6/20/2007	-95.478896	29.785283	66 ft	View
83	65-13-1I	TX TCEQ HIST	Bill Ridgeway	N/A	121	06/10/1976	-95.476153	29.816757	76 ft	View
83	65-13-4	TX TCEQ HIST	Eddie Willrick	Domestic	360	10/13/1997	-95.477409	29.816724	77 ft	View
83	6513420	TX TWDB GW	South Texas Tool Co.	Commercial	50	01/01/1963	-95.478062	29.816394	77 ft	View
83	6513423	TX TWDB GW	Adair Equipment Co.	Industrial	400	10/15/1969	-95.47584	29.815839	75 ft	View

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
84	65-12-5W	TX TCEQ HIST	Bellewood Subdivision	Public Supply	483	04/26/1984	-95.481864	29.790029	68 ft	View
84	HGSD3919	TX HGSD	Bellewood Water Supply Corp.	Domestic	430	01/01/1976	-95.481397	29.789725	69 ft	N/A
84	HGSD3977	TX HGSD	Bellewood Water Supply Corp.	Domestic	500	01/01/1990	-95.481397	29.789725	69 ft	N/A
84	HGSD3920	TX HGSD	BELLEWOOD WATER SUPPLY CORP.	Public Supply	320	01/01/1947	-95.481397	29.789445	68 ft	N/A
84	G1010013 TB	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	465	04/26/1984	-95.481513	29.789778	68 ft	View
84	G1010013 TA	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	421	06/16/1976	-95.481543	29.79024	67 ft	View
84	6513705	TX TWDB GW	Bellewood Subdivision	Public Supply	323	01/01/1947	-95.483062	29.789727	68 ft	View
84	204024	TX TWDB SDR	James Dorsett	Domestic	42	12/16/2009	-95.481118	29.790005	69 ft	View
85	65-13-9D	TX TCEQ HIST	Mr. Pruitt	Industrial	321	06/07/1968	-95.410377	29.770049	53 ft	View
85	6513914	TX TWDB GW	City of Houston	Unused	558	01/01/1917	-95.411119	29.77056	53 ft	View
85	6513915	TX TWDB GW	City of Houston	Unused	1465	11/01/1918	-95.411952	29.771116	53 ft	View
85	6513945	TX TWDB GW	Robo Car Wash	Industrial	321	01/01/1968	-95.409452	29.769727	52 ft	View
86	G1010013 LY	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1100	01/01/1945	-95.419947	29.829952	76 ft	View
86	6513501	TX TWDB GW	City of Houston Garden Oaks #2	Public Supply	1100	01/01/1945	-95.420007	29.830005	77 ft	View
87	65-13-8K	TX TCEQ HIST	J.N. Warren	Domestic	433	07/01/1980	-95.473319	29.772947	56 ft	View
87	65-13-4	TX TCEQ HIST	Gay Roane	Domestic	520	02/09/1990	-95.473319	29.772947	56 ft	View
87	6513729	TX TWDB GW	W. T. Carter	Domestic	492	01/01/1940	-95.471674	29.771672	54 ft	View
88	65-15-8	TX TCEQ HIST	Bobby Earthman	Irrigation	430	08/07/2001	-95.426895	29.761287	53 ft	View
89	65-13-4M	TX TCEQ HIST	O.A. Fritsche	Domestic	51	08/12/1974	-95.48233	29.806434	72 ft	View
89	65-12-6J	TX TCEQ HIST	Adele Wichman	Domestic	42	02/10/1974	-95.484084	29.806423	75 ft	View
89	HGSD11347	TX HGSD	Women's Home, The	Other	400	n/a	-95.481677	29.805005	72 ft	N/A
90	6513732	TX TWDB GW	R.H. Goodrich	Plugged or Destroyed	1996	01/01/1934	-95.467785	29.767783	55 ft	View
91	65-13-5	TX TCEQ HIST	Bill Montgomery	Domestic	425	03/24/1989	-95.415243	29.828447	76 ft	View
91	65-13-2P	TX TCEQ HIST	L.D. Shipley	Domestic	275	01/06/1981	-95.415229	29.828927	76 ft	View
91	196606	TX TWDB SDR	Galvin Kennedy	Domestic	57	10/2/2009	-95.415285	29.825838	75 ft	View
92	G1010013 HA	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1730	01/01/1949	-95.405505	29.820786	67 ft	View
92	6513602	TX TWDB GW	City of Houston Heights #9	Public Supply	1730	4/18/1949	-95.405285	29.82056	69 ft	View
93	6513622	TX TWDB GW	Pine Forest Country Club	Irrigation	441	01/01/1963	-95.407785	29.82306	69 ft	View
94	HGSD5221	TX HGSD	7706 Properties, LLC.	Other	450	01/01/1983	-95.481397	29.811395	79 ft	N/A
95	65-13-7	TX TCEQ HIST	Jane Owen	Domestic	460	11/08/1993	-95.465209	29.765094	52 ft	View
95	65-13-7	TX TCEQ HIST	Brad Tucker	Irrigation	433	04/01/1996	-95.467373	29.766165	56 ft	View
95	166657	TX TWDB SDR	Neil Leibman	Domestic	455	6/13/2008	-95.466674	29.766672	55 ft	View
96	228016	TX TWDB SDR	Schlenker, Calvin & Jill	Domestic	406	8/16/2010	-95.430285	29.75945	37 ft	View
97	6513703	TX TWDB GW	Carl Detering	Unused	545	01/01/1950	-95.481396	29.781394	64 ft	View
98	65-13-9	TX TCEQ HIST	11th Street Washateria	Industrial	441	11/07/1988	-95.395622	29.790448	58 ft	View
98	HGSD7591	TX HGSD	Do, Hung Dang	Other	300	01/01/1992	-95.395567	29.790285	57 ft	N/A
99	G1010013 ME	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	468	01/01/1950	-95.485501	29.797733	70 ft	View
99	G1010013 MF	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	281	01/01/1954	-95.486889	29.79801	71 ft	View
99	6513404	TX TWDB GW	City of Houston Glenmore Forest	Unused	281	01/01/1954	-95.486952	29.798061	70 ft	View
99	6513403	TX TWDB GW	City of Houston Glenmore Forest	Unused	468	01/01/1950	-95.485563	29.797783	69 ft	View
100	65-13-7G	TX TCEQ HIST	Tan Land Sales	Domestic	323	08/02/1978	-95.480027	29.777625	59 ft	View
101	65-13-5D	TX TCEQ HIST	Ross Foster	Domestic	57	06/28/1974	-95.399716	29.816871	63 ft	View
102	65-13-4C	TX TCEQ HIST	Burkhardt Nursery	Domestic	440	08/03/1971	-95.485143	29.787566	68 ft	View
102	65-13-4	TX TCEQ HIST	Marvin T Wolfe, Jr	Domestic	43	07/26/1991	-95.483352	29.787551	68 ft	View
102	G1010013 SZ	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	0	n/a	-95.482724	29.787454	67 ft	View
103	65-13-7	TX TCEQ HIST	Shorenstein Co.	Irrigation	452	02/06/1990	-95.462562	29.761939	54 ft	View

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
104	65-13-8	TX TCEQ HIST	Houston Polo Club	Domestic	430	10/13/1993	-95.414153	29.763336	48 ft	View
104	65-13-8	TX TCEQ HIST	Houston Polo Club	Irrigation	430	07/12/1996	-95.414153	29.763336	48 ft	View
105	65-13-8	TX TCEQ HIST	Henry New	Domestic	415	08/06/1996	-95.43798	29.756727	41 ft	View
105	65-13-8	TX TCEQ HIST	R.B. Ratcliff & Associates	Irrigation	610	08/21/2001	-95.435951	29.757432	47 ft	View
105	65-21-2	TX TCEQ HIST	R.B. & Assoc. Ratcliff Dan Friedkin	Irrigation	402	10/01/1996	-95.437843	29.755023	48 ft	View
105	HGSD14323	TX HGSD	Wilson, Herman	n/a	450	n/a	-95.439727	29.755565	45 ft	N/A
105	HGSD14513	TX HGSD	Slade, Cindy	n/a	350	n/a	-95.436947	29.756945	33 ft	N/A
106	65-13-6	TX TCEQ HIST	MIke Story	Irrigation	565	10/05/1990	-95.408584	29.827798	71 ft	View
107	65-13-6	TX TCEQ HIST	Sid Anderson	Domestic	575	03/07/1991	-95.411303	29.829913	75 ft	View
108	65-13-4X	TX TCEQ HIST	Big Three Industries	Industrial	392	07/24/1982	-95.482788	29.815978	78 ft	View
109	65-13-7	TX TCEQ HIST	Houston-Thomson & Hanson	Irrigation	421	05/04/1994	-95.483216	29.778862	51 ft	View
109	65-13-7	TX TCEQ HIST	Pete Stiegerwald	Domestic	372	04/03/1986	-95.481243	29.778145	58 ft	View
110	65-13-8	TX TCEQ HIST	Thomas P. Tathum	Domestic	440	04/27/1998	-95.434515	29.755742	50 ft	View
110	147326	TX TWDB SDR	Robert Lanier	Irrigation	325	5/24/2008	-95.434729	29.755839	49 ft	View
110	141269	TX TWDB SDR	Bob Lanier	Domestic	535	3/20/2008	-95.434729	29.755839	49 ft	View
111	65-13-7J	TX TCEQ HIST	Ark Wrecking	Industrial	345	12/07/1983	-95.473738	29.76646	60 ft	View
112	65-13-8	TX TCEQ HIST	Jack Castle Jr.	Irrigation	400	11/09/1995	-95.469108	29.762804	54 ft	View
113	65-21-3K	TX TCEQ HIST	River Oak Country Club	Irrigation	726	04/15/1974	-95.428298	29.755712	52 ft	View
113	HGSD1784	TX HGSD	RIVER OAKS COUNTRY CLUB	Other	726	01/01/1973	-95.428617	29.753615	57 ft	N/A
113	HGSD1783	TX HGSD	RIVER OAKS COUNTRY CLUB	Other	1224	01/01/1967	-95.428617	29.753615	57 ft	N/A
113	6513824	TX TWDB GW	River Oaks Country Club	Plugged or Destroyed	887	01/01/1929	-95.430007	29.757783	52 ft	View
113	6513801	TX TWDB GW	River Oaks Country Club	Irrigation	1227	01/01/1949	-95.430285	29.755283	49 ft	View
114	G1010013KO	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	0	n/a	-95.437998	29.839119	80 ft	View
115	6513833	TX TWDB GW	J. Ray McDermott	Irrigation	633	01/01/1969	-95.422507	29.75695	13 ft	View
116	G1010013R	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1880	06/01/1949	-95.402419	29.825574	69 ft	View
116	6513601	TX TWDB GW	City of Houston Heights #10	Public Supply	1880	5/19/1949	-95.402508	29.82556	68 ft	View
117	65-13-8	TX TCEQ HIST	Reed Marian	Irrigation	492	11/19/1985	-95.416278	29.758582	42 ft	View
117	HGSD13062	TX HGSD	McCarthy, Bailey	n/a	450	n/a	-95.417507	29.756115	53 ft	N/A
117	404314	TX TWDB SDR	CAMPO, RICHARD	Irrigation	391	7/14/2015	-95.417507	29.756117	53 ft	View
118	65-30-2H	TX TCEQ HIST	T.W. Gothard	Domestic	131	12/16/1981	-95.48828	29.810147	78 ft	View
119	6513730	TX TWDB GW	R.W. Gillette West Oak Addition	Public Supply	403	01/01/1938	-95.466951	29.759728	58 ft	View
120	65-13-9	TX TCEQ HIST	St. Thomas High School	Irrigation	520	12/06/1996	-95.40747	29.76295	48 ft	View
120	HGSD5814	TX HGSD	St. Thomas High School	Other	450	n/a	-95.407507	29.762785	48 ft	N/A
121	HGSD2598	TX HGSD	E.Lindsay. Edward E	Public Supply	60	01/01/1950	-95.490567	29.802505	72 ft	N/A
122	6513720	TX TWDB GW	M. R. Pretty	Domestic	90	n/a	-95.488341	29.782783	66 ft	View
123	6513213	TX TWDB GW	Sigmor Oil Co.	Industrial	291	01/01/1967	-95.441118	29.840561	80 ft	View
124	65-13-9H	TX TCEQ HIST	H.L. & P.	Industrial	506	11/02/1983	-95.411129	29.760191	40 ft	View
124	65-13-9J	TX TCEQ HIST	H.L. & P.	Industrial	510	10/26/1983	-95.409125	29.760058	40 ft	View
124	65-13-9	TX TCEQ HIST	Hossein Tabrizi	Irrigation	500	01/23/1990	-95.413189	29.759365	48 ft	View
124	65-13-9	TX TCEQ HIST	Hossein Tabrizi	Irrigation	489	11/14/1989	-95.413146	29.759467	48 ft	View
124	HGSD13807	TX HGSD	Robertson, James	n/a	420	n/a	-95.409447	29.760005	35 ft	N/A
124	HGSD12739	TX HGSD	Steele, John	n/a	550	n/a	-95.412787	29.760285	42 ft	N/A
125	65-13-8	TX TCEQ HIST	W.F. Chao	Irrigation	472	03/08/1990	-95.446449	29.753265	39 ft	View
126	65-13-4	TX TCEQ HIST	Frank Weeden	Domestic	48	05/31/2000	-95.491454	29.79811	70 ft	View
127	65-13-7	TX TCEQ HIST	Ernest Mitchkie	Domestic	420	07/28/1994	-95.491447	29.795253	70 ft	View
127	65-13-4F	TX TCEQ HIST	Ken Martin	Domestic	48	03/24/1974	-95.490783	29.796176	70 ft	View
127	65-13-4Q	TX TCEQ HIST	Vernon Clinger	Domestic	50	07/10/1984	-95.488362	29.794764	69 ft	View

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
127	65-12-6	TX TCEQ HIST	Lesley Kahanek	Domestic	50	12/18/1996	-95.489646	29.79643	70 ft	View
128	65-13-7	TX TCEQ HIST	Colby Moshier	Domestic	317	08/15/1990	-95.491119	29.790481	69 ft	View
129	65-13-1Q	TX TCEQ HIST	Royal Ollarble	Domestic	355	03/31/1982	-95.430489	29.840562	79 ft	View
129	HGSD7288	TX HGSD	Your Container Solutions, Inc.	Domestic	50	01/01/1999	-95.431397	29.842225	80 ft	N/A
129	6513217	TX TWDB GW	Parker Garage	Domestic	245	01/01/1969	-95.431396	29.840283	80 ft	View
130	6513811	TX TWDB GW	R.W. Gillette West Oak Addition	Public Supply	400	01/01/1940	-95.456952	29.754728	52 ft	View
131	65-21-2G	TX TCEQ HIST	Mr. Robinson	Domestic	472	07/30/1984	-95.435368	29.752422	58 ft	View
131	65-21-2G	TX TCEQ HIST	Mr. Robinson	Domestic	320	07/26/1984	-95.435368	29.752422	58 ft	View
131	65-13-8	TX TCEQ HIST	H I S Construction	Domestic	542	11/07/1994	-95.437978	29.752312	59 ft	View
132	65-13-8	TX TCEQ HIST	Richard Kinder	Domestic	411	03/08/2002	-95.418459	29.75577	58 ft	View
132	65-13-9	TX TCEQ HIST	Lanier Yates	Domestic	401	07/26/2002	-95.41558	29.755595	55 ft	View
132	65-13-8	TX TCEQ HIST	Mary Ralph Lowe	Irrigation	506	10/25/1989	-95.419259	29.756667	51 ft	View
132	HGSD3240	TX HGSD	MCDERMOTT, MRS. R. THOMAS	Other	633	01/01/1969	-95.420287	29.756395	41 ft	N/A
132	HGSD12419	TX HGSD	Klaes, Daniel	n/a	65	n/a	-95.417227	29.753615	57 ft	N/A
133	65-21-1L	TX TCEQ HIST	B.C. Edwards	Domestic	361	05/27/1981	-95.464888	29.757171	59 ft	View
133	65-13-7	TX TCEQ HIST	Zach Blailock	Irrigation	395	11/04/1991	-95.466081	29.758815	57 ft	View
134	65-13-1H	TX TCEQ HIST	R&R Industries	Industrial	351	11/12/1975	-95.436078	29.841803	80 ft	View
134	65-13-5B	TX TCEQ HIST	Jobmaster Inc.	Industrial	377	10/01/1976	-95.438536	29.840852	80 ft	View
134	65-13-1	TX TCEQ HIST	Job - Master Sales	Domestic	377	09/15/1994	-95.438536	29.840852	80 ft	View
134	6513216	TX TWDB GW	Eutsler Technical Products	Industrial	344	01/01/1964	-95.438341	29.841116	79 ft	View
135	HGSD2169	TX HGSD	HARDING, GEORGE F.	Irrigation	476	01/01/1962	-95.387787	29.791945	53 ft	N/A
135	6513621	TX TWDB GW	Globe Laundry and Cleaners	Industrial	477	01/01/1962	-95.389174	29.79195	56 ft	View
135	6513909	TX TWDB GW	Creamix Corp.	Unused	250	01/01/1927	-95.388618	29.791116	55 ft	View
136	6513727	TX TWDB GW	Allen and Leavens	Domestic	616	01/01/1939	-95.478896	29.766117	62 ft	View
137	HGSD4431	TX HGSD	LANE, WILLIAM L.	Public Supply	0	n/a	-95.411397	29.835285	75 ft	N/A
137	HGSD4432	TX HGSD	LANE, WILLIAM L.	Public Supply	0	n/a	-95.410007	29.836395	74 ft	N/A
137	G1012714A	TX TCEQ PWS	TROPICAL MOTEL	Public Supply	0	n/a	-95.411333	29.836063	74 ft	View
137	G1012714B	TX TCEQ PWS	TROPICAL MOTEL	Public Supply	0	n/a	-95.411333	29.836342	74 ft	View
138	G1010013NQ	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	600	01/01/1950	-95.487729	29.776621	64 ft	View
138	6513702	TX TWDB GW	City of Houston Long Wood	Unused	600	n/a	-95.487785	29.776672	64 ft	View
139	HGSD12943	TX HGSD	Barnhart, Paul Jr.	n/a	400	n/a	-95.428897	29.752225	55 ft	N/A
140	6513734	TX TWDB GW	R.W. Gillette West Oak Addition	Public Supply	701	01/01/1939	-95.460285	29.754172	58 ft	View
141	65-13-8	TX TCEQ HIST	McDugald Steel Company	Irrigation	400	09/09/1992	-95.421478	29.753444	57 ft	View
141	65-13-8	TX TCEQ HIST	Jon L. Gilbreath	Domestic	395	10/22/2001	-95.423835	29.752076	58 ft	View
141	65-13-8F	TX TCEQ HIST	Joe L. Allbritton	Domestic	643	06/01/1977	-95.421727	29.75433	57 ft	View
141	HGSD14595	TX HGSD	Arnold, Matt	n/a	400	n/a	-95.419177	29.755285	56 ft	N/A
141	HGSD14265	TX HGSD	Arnold, Matt	n/a	400	n/a	-95.419177	29.755285	56 ft	N/A
141	HGSD2727	TX HGSD	ALLBRITTON, JOE L.	Other	400	01/01/1977	-95.421947	29.753895	57 ft	N/A
141	6513815	TX TWDB GW	S. P. Farish	Domestic	525	01/01/1938	-95.419174	29.753339	57 ft	View
142	65-13-5D	TX TCEQ HIST	Makada	Domestic	237	02/14/1978	-95.439308	29.842975	80 ft	View
142	HGSD3251	TX HGSD	SIGMOR CORPORATION	Irrigation	0	01/01/1967	-95.440287	29.841115	80 ft	N/A
143	65-13-8	TX TCEQ HIST	Corbin J. Robertson Jr.	Domestic	475	12/10/1996	-95.444663	29.750915	53 ft	View
143	65-13-8A	TX TCEQ HIST	Lestos Company	Domestic	322	08/28/1985	-95.441836	29.752107	55 ft	View
143	65-13-8	TX TCEQ HIST	Lestos Co.	Domestic	322	08/28/1985	-95.441836	29.752107	55 ft	View
143	65-13-7	TX TCEQ HIST	Ron Welsh	Irrigation	340	05/27/1994	-95.446037	29.751968	50 ft	View
143	65-21-1	TX TCEQ HIST	Anne Chao	Irrigation	490	09/28/1999	-95.445487	29.753003	54 ft	View

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
143	65-13-8	TX TCEQ HIST	Ann Chao	Domestic	510	12/17/1994	-95.445487	29.753003	54 ft	View
143	65-13-8	TX TCEQ HIST	Karla Huckin	Domestic	370	10/14/2000	-95.446548	29.751552	55 ft	View
143	62-21-4	TX TCEQ HIST	Ann Chao	Irrigation	494	04/02/2002	-95.44534	29.752922	54 ft	View
143	65-13-8	TX TCEQ HIST	Al Lasher	Domestic	341	06/05/2002	-95.444869	29.752177	48 ft	View
143	65-13-8F	TX TCEQ HIST	J. Brian Estate	Domestic	431	03/14/1985	-95.444087	29.752332	56 ft	View
143	65-13-8A	TX TCEQ HIST	J. Brian Eby	Domestic	431	11/20/1964	-95.444087	29.752332	56 ft	View
143	HGSD11458	TX HGSD	Robertson, Corbin	Other	450	01/01/1996	-95.444727	29.751115	46 ft	N/A
143	HGSD13129	TX HGSD	Crane, James R.	n/a	400	n/a	-95.442507	29.751115	56 ft	N/A
143	HGSD13394	TX HGSD	Cockrell, Ernest H.	n/a	400	n/a	-95.443617	29.751115	56 ft	N/A
143	6513837	TX TWDB GW	Lestos Co.	Domestic	321	01/01/1985	-95.441952	29.75195	56 ft	View
143	6513829	TX TWDB GW	J. Brian Eby	Domestic	431	01/01/1964	-95.444729	29.752506	51 ft	View
143	220507	TX TWDB SDR	G Brock	Irrigation	445	1/31/2008	-95.446396	29.750561	57 ft	View
143	437834	TX TWDB SDR	COCKRELL, ERNIE	Irrigation	384	4/1/2016	-95.443618	29.751116	56 ft	View
143	218242	TX TWDB SDR	Robertson, Corbin	Domestic	473	2/2/2010	-95.445007	29.751672	49 ft	View
143	378914	TX TWDB SDR	Mike Linn	Irrigation	325	9/16/2014	-95.442507	29.751117	56 ft	View
144	HGSD13397	TX HGSD	Mister Car Wash	Domestic	400	n/a	-95.395287	29.770005	54 ft	N/A
144	6513916	TX TWDB GW	Horlock Ice.co.	Unused	340	01/01/1925	-95.395841	29.770838	54 ft	View
145	65-21-2B	TX TCEQ HIST	Westway Utility District	Public Supply	1280	08/01/1973	-95.452384	29.751388	50 ft	View
145	65-13-7F	TX TCEQ HIST	Autotronic System Inc.	Industrial	336	01/29/1979	-95.450866	29.750694	55 ft	View
146	65-13-8	TX TCEQ HIST	Ned Holmes	Domestic	525	03/13/1997	-95.425742	29.751561	57 ft	View
146	65-13-8	TX TCEQ HIST	Mr. Harry Holmes	Irrigation	471	05/15/1987	-95.425742	29.751561	57 ft	View
146	6513814	TX TWDB GW	H. R. Cullen	Domestic	1084	01/01/1935	-95.425285	29.751394	56 ft	View
147	HGSD11189	TX HGSD	GSC Wholesale, LLC	Irrigation	400	01/01/2009	-95.392507	29.773335	51 ft	N/A
147	197988	TX TWDB SDR	Grocers Supply	Industrial	337	10/21/2009	-95.392507	29.773338	51 ft	View
148	HGSD1661	TX HGSD	HUGHES TOOL COMPANY	Irrigation	163	01/01/1951	-95.493067	29.785285	67 ft	N/A
148	HGSD1660	TX HGSD	CHRIST EVANGELICAL PRESBYTERIAN	Irrigation	1806	01/01/1970	-95.493897	29.785565	66 ft	N/A
148	HGSD3265	TX HGSD	BROWN OIL TOOLS, INC.	Public Supply	820	01/01/1970	-95.493337	29.787225	68 ft	N/A
148	6513715	TX TWDB GW	Brown Oil Tools	Unused	163	01/01/1951	-95.493063	29.786116	69 ft	View
148	6513747	TX TWDB GW	Brown Oil Tools	Other	1806	3/14/1970	-95.493896	29.785005	67 ft	View
149	65-13-2	TX TCEQ HIST	John Karbli	Domestic	414	01/08/1993	-95.416856	29.839794	77 ft	View
149	65-13-6B	TX TCEQ HIST	J.D. Miller	Domestic	307	01/29/1975	-95.418178	29.838508	77 ft	View
149	65-13-5	TX TCEQ HIST	Ray Dhom	Domestic	376	03/12/1986	-95.418357	29.839146	78 ft	View
150	65-13-1N	TX TCEQ HIST	National Flange & Fitting	Domestic	397	02/02/1981	-95.452626	29.842865	73 ft	View
150	65-13-2J	TX TCEQ HIST	National Flarge & Filling Co.	Domestic	241	05/14/1973	-95.452621	29.842861	73 ft	View
150	HGSD12207	TX HGSD	National Flange	Domestic	400	n/a	-95.453337	29.842505	71 ft	N/A
151	65-13-8	TX TCEQ HIST	Dennis Wright & Assoc.	Domestic	405	04/26/1990	-95.432989	29.749945	57 ft	View
151	HGSD13100	TX HGSD	Pritchard, Bill	n/a	450	n/a	-95.432787	29.747785	57 ft	N/A
151	HGSD12954	TX HGSD	Cain, Walker	n/a	400	n/a	-95.432507	29.750565	57 ft	N/A
151	385302	TX TWDB SDR	Bill Pritchard	Irrigation	400	12/12/2014	-95.432785	29.747783	57 ft	View
152	65-13-4W	TX TCEQ HIST	J. C. Freeman	Domestic	228	01/04/1982	-95.495177	29.800422	71 ft	View
152	HGSD9857	TX HGSD	Saint Mark Lutheran Church	Other	350	01/01/2004	-95.494727	29.798615	71 ft	N/A
153	6513121	TX TWDB GW	Helen Plaag	Domestic	46	01/01/1970	-95.463063	29.840839	75 ft	View
154	HGSD1483	TX HGSD	Memorial Villages Water Authority	Public Supply	1498	01/01/1970	-95.491397	29.777785	67 ft	N/A
154	G1010148F	TX TCEQ PWS	MEMORIAL VILLAGES WATER AUTHORITY	Public Supply	1526	11/01/1983	-95.49134	29.77777	68 ft	View
154	6513718	TX TWDB GW	E. G. Pearson	Domestic	356	01/01/1939	-95.491674	29.776949	67 ft	View
154	6513709	TX TWDB GW	T. C. Rhodes	Domestic	178	01/01/1951	-95.492229	29.778894	67 ft	View
154	204702	TX TWDB SDR	Leslie Cooper	Irrigation	421	1/29/2009	-95.493063	29.779172	69 ft	View

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
155	65-13-7F	TX TCEQ HIST	Houston Country Club	Public Supply	1185	12/09/1930	-95.48529	29.768335	56 ft	View
156	65-13-7	TX TCEQ HIST	Tim Vail	Domestic	397	08/09/1988	-95.438857	29.749045	58 ft	View
157	65-21-2	TX TCEQ HIST	Albert Smith	Domestic	420	10/26/1990	-95.428435	29.74927	59 ft	View
157	65-13-8	TX TCEQ HIST	Dr. Boyce	Domestic	408	01/20/1995	-95.426964	29.750378	59 ft	View
157	65-21-2	TX TCEQ HIST	Charles & John Duncan	Domestic	493	04/18/2001	-95.428283	29.74714	59 ft	View
157	65-21-2	TX TCEQ HIST	Paul F. Bernhart	Irrigation	324	10/23/1990	-95.428817	29.751552	57 ft	View
157	65-13-8	TX TCEQ HIST	Paul Barnhart Sr.	Domestic	455	12/08/1998	-95.428817	29.751552	57 ft	View
157	65-21-1	TX TCEQ HIST	R.D.W.	Domestic	400	10/23/1996	-95.430292	29.750933	59 ft	View
158	65-14-7H	TX TCEQ HIST	National Beverage Co.	Domestic	338	06/12/1975	-95.388595	29.775911	47 ft	View
158	6513943	TX TWDB GW	Cook Paint & Varnish	n/a	502	1/14/1965	-95.388341	29.773894	54 ft	View
159	65-13-8	TX TCEQ HIST	Jim Kempner	Irrigation	480	09/29/1988	-95.420849	29.750754	58 ft	View
159	65-21-3	TX TCEQ HIST	James Weaver	Irrigation	400	12/18/1991	-95.422547	29.750715	58 ft	View
159	65-21-2	TX TCEQ HIST	Chip Bryant	Domestic	310	03/20/1996	-95.420282	29.750812	57 ft	View
159	65-13-5	TX TCEQ HIST	McDugald Steel	Irrigation	475	04/04/1991	-95.419837	29.752488	56 ft	View
159	HGSD13022	TX HGSD	Dogget, WM Leslie & Ann	n/a	550	n/a	-95.422507	29.751945	57 ft	N/A
159	204294	TX TWDB SDR	Tom Hooks	Domestic	400	8/23/2009	-95.421396	29.750283	56 ft	View
159	220553	TX TWDB SDR	Cedar Baldridge	Irrigation	405	1/22/2008	-95.420285	29.751394	58 ft	View
160	6513746	TX TWDB GW	Memorial Village	Public Supply	864	01/01/1970	-95.493618	29.780005	67 ft	View
161	G1010013OS	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	990	01/01/1950	-95.496617	29.803844	77 ft	View
161	6513405	TX TWDB GW	City of Houston Ridgecrest	Unused	729	01/01/1950	-95.496674	29.803894	76 ft	View
162	65-21-2G	TX TCEQ HIST	David McDonough	Domestic	412	09/20/1982	-95.443905	29.748152	58 ft	View
162	65-21-2	TX TCEQ HIST	Kelly Coselli	Domestic	388	10/31/2000	-95.44342	29.75018	57 ft	View
162	HGSD13680	TX HGSD	Verma, Dee	Other	400	n/a	-95.446117	29.749725	57 ft	N/A
162	HGSD14480	TX HGSD	Verma, Dheeraj	Other	400	n/a	-95.446677	29.749445	54 ft	N/A
162	6521208	TX TWDB GW	A.M.Parsons	Public Supply	437	01/01/1941	-95.445563	29.746116	57 ft	View
162	6521209	TX TWDB GW	T. D. Anderson	Domestic	400	01/01/1941	-95.446118	29.747227	57 ft	View
162	6521210	TX TWDB GW	J. P. Schumacher	Domestic	424	01/01/1940	-95.446674	29.748894	56 ft	View
162	6521211	TX TWDB GW	Ray Smith	Domestic	445	01/01/1939	-95.444729	29.74945	56 ft	View
162	6521212	TX TWDB GW	S. H. Davis	Domestic	425	01/01/1939	-95.444729	29.74945	56 ft	View
162	6521207	TX TWDB GW	M. S. McCorquodale	Domestic	236	01/01/1940	-95.446952	29.747783	57 ft	View
162	204233	TX TWDB SDR	R.B. Ratcliff Builders	Domestic	376	3/15/2006	-95.445285	29.750561	55 ft	View
162	219764	TX TWDB SDR	Wendi Grimes	Irrigation	386	8/10/2009	-95.445285	29.748339	57 ft	View
162	228021	TX TWDB SDR	Rosenthal, Gary	Domestic	394	8/11/2010	-95.443341	29.74945	57 ft	View
163	65-13-6H	TX TCEQ HIST	City of Houston	Public Supply	1300	10/01/1979	-95.401075	29.833859	67 ft	View
163	HGSD1063	TX HGSD	Houston, City of	Public Supply	1780	01/01/1950	-95.398897	29.834175	65 ft	N/A
163	HGSD3371	TX HGSD	Houston, City of	Public Supply	1780	01/01/1950	-95.400837	29.833895	67 ft	N/A
163	HGSD3708	TX HGSD	Houston, City of	Public Supply	612	01/01/1988	-95.398897	29.834175	65 ft	N/A
163	G1010013S	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1300	09/01/1979	-95.400939	29.83367	67 ft	View
163	G1010013HB	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1780	01/01/1950	-95.401887	29.83412	67 ft	View
163	6513305	TX TWDB GW	City of Houston Heights #11	Public Supply	1780	4/19/1950	-95.401119	29.833894	67 ft	View
163	6513324	TX TWDB GW	City of Houston Heights # 11A	Public Supply	1290	01/01/1979	-95.401119	29.833894	67 ft	View
164	HGSD13899	TX HGSD	Mousselli, Ed	Domestic	240	01/01/2021	-95.430837	29.845835	83 ft	N/A
165	65-03-6	TX TCEQ HIST	Joe Kmiec	Industrial	270	04/18/2002	-95.475852	29.836559	77 ft	View
166	65-13-7C	TX TCEQ HIST	Frank McFadden	Domestic	250	04/17/1972	-95.497459	29.789199	68 ft	View
166	65-12-9J	TX TCEQ HIST	Walter Duson	Domestic	60	02/28/1971	-95.49887	29.789026	69 ft	View
166	65-12-6F	TX TCEQ HIST	Henry Burkhardt	Domestic	283	05/01/1970	-95.499222	29.789702	68 ft	View

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
166	65-12-6T	TX TCEQ HIST	M. Lemmons	Domestic	315	10/02/1974	-95.495971	29.789028	68 ft	View
166	65-12-6AA	TX TCEQ HIST	Ed Springs	Domestic	353	09/30/1980	-95.499529	29.790011	71 ft	View
167	65-13-4Y	TX TCEQ HIST	Monarch Paint Co.	Industrial	281	01/24/1990	-95.488564	29.825108	72 ft	View
167	65-13-4V	TX TCEQ HIST	Monarch Paint Co.	Domestic	331	03/27/1980	-95.488564	29.825108	72 ft	View
167	HGSD2765	TX HGSD	GULF OIL COMPANY - U.S.	Irrigation	210	01/01/1962	-95.488897	29.823065	75 ft	N/A
167	HGSD4681	TX HGSD	PPG Architectural Coatings	Irrigation	0	n/a	-95.487507	29.825285	72 ft	N/A
167	HGSD4680	TX HGSD	PPG Architectural Coatings	Irrigation	400	01/01/1990	-95.488337	29.825005	72 ft	N/A
168	6513902	TX TWDB GW	Washington Laundry	Industrial	487	01/01/1936	-95.392229	29.767783	50 ft	View
169	65-13-4U	TX TCEQ HIST	Howard Dye	Domestic	210	04/10/1978	-95.497226	29.807546	80 ft	View
170	65-13-6H	TX TCEQ HIST	M.W. McCurdey & Co. Inc.	Industrial	447	02/01/1984	-95.395545	29.829962	66 ft	View
170	HGSD8820	TX HGSD	WFI International	Domestic	450	01/01/2001	-95.396677	29.829175	66 ft	N/A
171	65-21-2	TX TCEQ HIST	Fairfax Randall	Domestic	410	04/11/1994	-95.424793	29.748241	56 ft	View
171	65-21-2	TX TCEQ HIST	McDugal- Steel	Irrigation	458	02/05/1991	-95.426153	29.74934	56 ft	View
171	65-13-8	TX TCEQ HIST	Bill Baker Construction	Irrigation	405	08/24/1992	-95.427219	29.7469	58 ft	View
171	65-21-2	TX TCEQ HIST	Robert McNair	Domestic	407	06/15/2000	-95.425742	29.749389	58 ft	View
171	65-21-2	TX TCEQ HIST	Dr. Mike Mann	Domestic	412	06/20/1994	-95.425948	29.748142	59 ft	View
171	6513840	TX TWDB GW	Harry Holmes	Irrigation	471	01/01/1987	-95.426118	29.750561	57 ft	View
171	278221	TX TWDB SDR	Rod Cutsinger	Domestic	404	10/6/2006	-95.427229	29.74695	58 ft	View
171	222014	TX TWDB SDR	Don Chalmers	Domestic	400	6/7/2010	-95.424729	29.750283	57 ft	View
171	182613	TX TWDB SDR	McNair, Robert	Domestic	412	5/28/2009	-95.425562	29.749727	54 ft	View
172	65-13-9	TX TCEQ HIST	Davis Brothers Construction	Irrigation	480	05/13/1996	-95.40089	29.758809	48 ft	View
172	HGSD5459	TX HGSD	Villas at River Oaks	Other	430	01/01/1996	-95.401677	29.758065	53 ft	N/A
172	6513906	TX TWDB GW	Harris Cream Top Dairy	Plugged or Destroyed	514	01/01/1933	-95.399729	29.759728	43 ft	View
173	65-20-2M	TX TCEQ HIST	Anderson Landscaping	Domestic	375	08/23/1983	-95.49579	29.814993	79 ft	View
173	HGSD7419	TX HGSD	Anderson Landscape & Nursery Inc.	Domestic	350	01/01/1984	-95.495837	29.815005	78 ft	N/A
173	HGSD7492	TX HGSD	Qui Ton, Dharma	Other	22	01/01/1989	-95.495837	29.813615	79 ft	N/A
174	65-13-7	TX TCEQ HIST	Jeff Griffis	Domestic	420	11/12/1999	-95.488914	29.767574	56 ft	View
175	65-13-1B	TX TCEQ HIST	Space City Oil	Industrial	186	04/04/1966	-95.47128	29.840761	78 ft	View
175	6513112	TX TWDB GW	Space City Oil Co.	Industrial	186	01/01/1966	-95.472229	29.839172	76 ft	View
176	65-13-3	TX TCEQ HIST	James A Bearben	Domestic	210	07/18/1991	-95.417693	29.844495	79 ft	View
177	65-13-6	TX TCEQ HIST	Farmers Market Washateria	Industrial	422	10/12/1988	-95.381492	29.807285	56 ft	View
177	HGSD7590	TX HGSD	Satgur Properties, Inc.	Public Supply	320	01/01/1992	-95.381397	29.807225	56 ft	N/A
178	HGSD1064	TX HGSD	Houston, City of	Public Supply	1770	01/01/1949	-95.403337	29.838065	67 ft	N/A
178	G1010013 T	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1772	11/05/1949	-95.402307	29.838982	66 ft	View
178	6513304	TX TWDB GW	City of Houston Heights #12	Public Supply	1770	9/23/1949	-95.402508	29.838894	66 ft	View
179	G1010013 NL	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	0	n/a	-95.493621	29.820559	76 ft	View
179	G1010013 NN	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	0	n/a	-95.493338	29.820283	75 ft	View
180	65-13-5C	TX TCEQ HIST	Lindsay Glenn	Domestic	46	05/03/1974	-95.467513	29.843141	77 ft	View
180	65-05-7C	TX TCEQ HIST	Francisco Gonzalez	Domestic	37	10/06/1969	-95.465469	29.8425	78 ft	View
181	65-13-9	TX TCEQ HIST	M.R. Fathers	Domestic	65	05/06/1992	-95.388908	29.769076	50 ft	View
181	6513918	TX TWDB GW	Henke and Pillot	Plugged or Destroyed	571	01/01/1929	-95.387507	29.768338	48 ft	View
182	65-21-2	TX TCEQ HIST	Willowwick Cndominiam Assoc.	Public Supply	501	02/07/1990	-95.442222	29.745403	60 ft	View
182	65-12-9P	TX TCEQ HIST	Sunbelt Landscape	Domestic	360	10/29/1980	-95.443973	29.747168	59 ft	View
182	65-13-5	TX TCEQ HIST	River Oaks Baptist Church	Irrigation	470	07/11/1991	-95.442681	29.74394	58 ft	View
182	HGSD4973	TX HGSD	Willowick Condominium Assoc.	Other	508	01/01/1990	-95.442507	29.745005	60 ft	N/A

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
182	G1012723 A	TX TCEQ PWS	WILLOWICK CONDOMINIUM ASSOCIATION THE	Public Supply	464	07/20/1990	-95.442172	29.746066	59 ft	View
183	HGSD1659	TX HGSD	COOK PAINT & VARNISH COMPANY	Irrigation	502	01/01/1965	-95.385287	29.774445	55 ft	N/A
184	65-21-2E	TX TCEQ HIST	Gaylord Construction	Domestic	351	08/07/1981	-95.434547	29.745035	58 ft	View
185	65-21-2	TX TCEQ HIST	John Young	Irrigation	400	06/13/1989	-95.429087	29.74556	57 ft	View
185	65-21-2	TX TCEQ HIST	Douglas Gordan	Irrigation	401	10/02/1990	-95.429188	29.746098	57 ft	View
185	HGSD3239	TX HGSD	Sarofim, Fayez	Other	644	01/01/1953	-95.426947	29.745565	57 ft	N/A
186	65-13-7	TX TCEQ HIST	Raymond Waterwell Services	Irrigation	360	07/14/1993	-95.492401	29.769895	63 ft	View
186	65-13-7	TX TCEQ HIST	Joe Mundy	Domestic	355	04/15/1996	-95.492401	29.769895	63 ft	View
186	65-12-9	TX TCEQ HIST	Mr. Blackwell	Domestic	402	07/14/1989	-95.491067	29.769875	63 ft	View
186	65-13-7	TX TCEQ HIST	Janet Morrow	Domestic	330	03/12/1999	-95.490608	29.771934	65 ft	View
186	65-13-7	TX TCEQ HIST	Dunkin	Domestic	330	03/09/2001	-95.4906	29.771379	65 ft	View
186	65-13-7	TX TCEQ HIST	Monte Eubank	Domestic	360	09/14/1995	-95.492401	29.770442	65 ft	View
187	65-13-2	TX TCEQ HIST	Stanley Johnson	Domestic	342	01/11/1991	-95.445637	29.848987	82 ft	View
188	65-05-7V	TX TCEQ HIST	Marion Sadowski	Domestic	150	09/05/1974	-95.489214	29.828904	77 ft	View
189	65-05-9	TX TCEQ HIST	Steve Garcia	Domestic	385	10/07/1990	-95.500726	29.78963	70 ft	View
190	HGSD9268	TX HGSD	Huntingdon Council of Co-Owners, The	Domestic	550	n/a	-95.417787	29.747505	55 ft	N/A
191	63-13-7D	TX TCEQ HIST	Grace Chappel- Mr. Sit	Domestic	263	02/01/1977	-95.500552	29.78657	68 ft	View
191	65-13-7S	TX TCEQ HIST	Y.M.C.A.	Domestic	430	03/23/1984	-95.500329	29.785178	67 ft	View
191	65-12-9D	TX TCEQ HIST	L.B. Standley	Other	606	10/30/1964	-95.502812	29.785296	68 ft	View
191	65-12-6E	TX TCEQ HIST	Gene Stringer	Domestic	45	01/19/1974	-95.500551	29.787693	68 ft	View
191	HGSD3980	TX HGSD	Dad's Club Swim Team	Lost	450	01/01/1990	-95.501677	29.785835	63 ft	N/A
191	6512940	TX TWDB GW	YMCA Voss Road well	Public Supply	430	01/01/1984	-95.502508	29.785839	68 ft	View
192	65-12-1AA	TX TCEQ HIST	Century Builders	Domestic	254	11/05/1979	-95.501735	29.800172	76 ft	View
192	65-12-6	TX TCEQ HIST	Tim-Am Pump & Well	Domestic	42	01/28/1989	-95.503077	29.802635	78 ft	View
192	G1010013 QE	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	717	01/01/1954	-95.503561	29.800232	76 ft	View
192	G1010013 QD	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	542	01/01/1951	-95.503561	29.800232	76 ft	View
192	6512607	TX TWDB GW	City of Houston Timber Creek	Unused	542	01/01/1951	-95.503619	29.800283	75 ft	View
192	6512608	TX TWDB GW	City of Houston Timber Creek	Unused	717	01/01/1954	-95.503619	29.800283	75 ft	View
192	123731	TX TWDB SDR	Reindl, Erich	Domestic	330	9/6/2007	-95.501952	29.79945	73 ft	View
193	65-12-6D	TX TCEQ HIST	Covington Nursery	Domestic	372	03/17/1975	-95.501335	29.806066	79 ft	View
193	HGSD2454	TX HGSD	H & J UTILITY SERVICES	Public Supply	330	01/01/1965	-95.502507	29.803615	78 ft	N/A
193	6512604	TX TWDB GW	City of Houston Ridgecrest	Unused	987	01/01/1953	-95.500563	29.808339	81 ft	View
194	6521213	TX TWDB GW	Claude B. Hamill	Domestic	928	01/01/1939	-95.424174	29.745005	56 ft	View
195	65-13-7C	TX TCEQ HIST	J. B Gates	Domestic	48	04/20/1975	-95.501968	29.792222	73 ft	View
195	65-13-4H	TX TCEQ HIST	Frank Welch	Domestic	50	09/15/1974	-95.502562	29.791842	72 ft	View
195	65-12-6G	TX TCEQ HIST	A.H. Bingle	Domestic	591	12/10/1963	-95.500616	29.790195	68 ft	View
195	65-12-6	TX TCEQ HIST	E Callenius	Domestic	306	07/07/1992	-95.500045	29.790172	70 ft	View
195	HGSD2051	TX HGSD	SPRING VALLEY, CITY OF	Public Supply	440	01/01/1981	-95.503067	29.791115	71 ft	N/A
195	6512929	TX TWDB GW	A. H. Bingle	Domestic	591	01/01/1963	-95.500841	29.790561	70 ft	View
195	6512934	TX TWDB GW	Magnolia Valley City of Spring Valley	Public Supply	606	10/30/1964	-95.503063	29.793339	72 ft	View
196	6513749	TX TWDB GW	Memorial Village Water Authority	Public Supply	1526	01/01/1983	-95.498618	29.778338	68 ft	View
197	G1010013 NK	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	862	01/01/1953	-95.493283	29.825509	76 ft	View
197	6513408	TX TWDB GW	City of Houston Langwood Plan	Public Supply	862	01/01/1953	-95.493341	29.825838	76 ft	View
198	G1010013 OT	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	982	01/01/1953	-95.501057	29.808842	80 ft	View
199	G1010013 DF	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1120	11/10/1969	-95.462112	29.847541	71 ft	View

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
199	6513119	TX TWDB GW	City of Houston	Plugged or Destroyed	1120	10/9/1969	-95.461951	29.847505	71 ft	View
200	G1010013 NM	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	862	n/a	-95.497229	29.819449	76 ft	View
201	65-04-9Q	TX TCEQ HIST	Sitton Construction	Domestic	150	05/01/1975	-95.479202	29.839809	79 ft	View
201	65-12-3	TX TCEQ HIST	J A Booker	Domestic	80	10/20/1991	-95.478134	29.841283	80 ft	View
202	HGSD1023	TX HGSD	Houston, City of	Public Supply	1644	01/01/1966	-95.391677	29.761675	28 ft	N/A
202	HGSD1670	TX HGSD	AMERICAN GENERAL LIFE INS. CO.	Public Supply	1337	01/01/1963	-95.393617	29.760835	34 ft	N/A
202	G1010013 O	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1645	01/26/1966	-95.391593	29.762007	32 ft	View
202	6513921	TX TWDB GW	Standard Rice Co.	Plugged or Destroyed	853	01/01/1908	-95.391952	29.763894	44 ft	View
202	6513942	TX TWDB GW	American General Ins.	n/a	1337	01/01/1963	-95.393618	29.761117	26 ft	View
202	6513944	TX TWDB GW	City of Houston Central #22	Public Supply	1644	1/22/1966	-95.391674	29.761672	28 ft	View
203	118777	TX TWDB SDR	Robert Amboree	Domestic	50	8/3/2007	-95.437507	29.851394	82 ft	View
204	HGSD2263	TX HGSD	Houston Country Club	Other	1146	01/01/1955	-95.490007	29.762505	61 ft	N/A
204	HGSD3167	TX HGSD	Houston Country Club	Other	1150	01/01/1990	-95.492787	29.762505	44 ft	N/A
204	6513716	TX TWDB GW	Houston Country Club	Public Supply	1146	01/01/1955	-95.490007	29.762783	59 ft	View
204	6513748	TX TWDB GW	Houston Country Club well #2	Irrigation	1197	01/01/1980	-95.490007	29.762783	59 ft	View
205	65-13-5	TX TCEQ HIST	City of Houston	Other	40	04/16/2003	-95.489146	29.832593	77 ft	View
206	65-13-9	TX TCEQ HIST	Ray Aire of Houston	Other	133	05/22/1987	-95.376602	29.789076	53 ft	View
207	HGSD7476	TX HGSD	Balleza, Omar	Domestic	90	n/a	-95.408067	29.845285	73 ft	N/A
207	HGSD11520	TX HGSD	Houston, City of	Irrigation	450	n/a	-95.409447	29.843065	77 ft	N/A
208	65-14-7G	TX TCEQ HIST	J. D. Westcott	N/A	189	01/31/1962	-95.478713	29.751993	60 ft	View
208	6513711	TX TWDB GW	R. C. Sweet	Domestic	191	01/01/1950	-95.479174	29.754172	63 ft	View
208	6513744	TX TWDB GW	Harold Thurow	Domestic	319	01/01/1968	-95.479729	29.753617	62 ft	View
209	HGSD5228	TX HGSD	Taylor, Carter	Public Supply	386	01/01/1975	-95.483067	29.755005	64 ft	N/A
210	65-21-1	TX TCEQ HIST	BT & S Construction	Irrigation	388	04/30/1997	-95.465072	29.745328	60 ft	View
210	HGSD5431	TX HGSD	Montecito	Other	470	01/01/1996	-95.465837	29.744725	60 ft	N/A
210	HGSD9070	TX HGSD	Montierra Apartments I, LLC	Domestic	425	01/01/2002	-95.466117	29.743065	60 ft	N/A
211	65-20-3F	TX TCEQ HIST	John Flesher	Domestic	318	11/14/1968	-95.47617	29.750322	61 ft	View
211	6513737	TX TWDB GW	J. D. Westcott	Domestic	189	01/01/1962	-95.478618	29.751394	62 ft	View
211	6521136	TX TWDB GW	John Flesher	Domestic	318	01/01/1968	-95.476396	29.749172	61 ft	View
212	65-13-9	TX TCEQ HIST	Glenwood Cemetery	Irrigation	508	12/17/1989	-95.385792	29.765738	46 ft	View
212	HGSD1021	TX HGSD	Houston, City of	Public Supply	1960	01/01/1949	-95.383067	29.766945	44 ft	N/A
212	HGSD9338	TX HGSD	Glenwood Cemetery, Inc.	Other	500	01/01/1988	-95.385567	29.767505	45 ft	N/A
212	G1010013 M	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1920	01/01/1949	-95.383065	29.767088	46 ft	View
213	232203	TX TWDB SDR	Houston Emergency Center	Industrial	401	8/3/2010	-95.415841	29.849172	78 ft	View
214	HGSD1788	TX HGSD	LAMAR HOTEL	Public Supply	0	01/01/1928	-95.375287	29.791945	51 ft	N/A
215	HGSD2455	TX HGSD	H & J UTILITY SERVICES	Public Supply	250	01/01/1968	-95.504727	29.803615	78 ft	N/A
216	65-03-2R	TX TCEQ HIST	Ervin Market Jr.	Domestic	195	10/01/1975	-95.504615	29.807103	79 ft	View
216	65-13-4C	TX TCEQ HIST	E.H. Brown	Domestic	50	06/07/1984	-95.50753	29.807619	79 ft	View
216	65-13-4Y	TX TCEQ HIST	Pete Maniscalco	Domestic	50	01/04/1985	-95.505706	29.807201	79 ft	View
216	65-13-4	TX TCEQ HIST	Velma Dickerson	Domestic	47	02/21/2001	-95.505714	29.808023	80 ft	View
216	65-13-4	TX TCEQ HIST	Yadollah Mosadech	Domestic	47	06/09/1999	-95.50753	29.808029	79 ft	View
216	65-12-6	TX TCEQ HIST	Mrs. Oldham	Domestic	330	03/04/1994	-95.50753	29.807205	80 ft	View
216	65-13-4F	TX TCEQ HIST	Bill Roberts	Domestic	45	11/17/1973	-95.50753	29.806793	80 ft	View
216	HGSD8125	TX HGSD	Houston Mini Storage #7	Domestic	50	01/01/2000	-95.506947	29.808615	77 ft	N/A
217	65-12-4J	TX TCEQ HIST	Adrian Flake	Domestic	358	06/04/1984	-95.495207	29.765454	61 ft	View
218	65-21-2	TX TCEQ HIST	Dr. H.C. Robinson Jr.	Domestic	384	08/30/1986	-95.419427	29.742725	54 ft	View

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
219	6513904	TX TWDB GW	City of Houston (Central #20)	Public Supply	1960	1/01/1949	-95.383062	29.767227	45 ft	View
220	65-21-2	TX TCEQ HIST	Essex II Apartments	Irrigation	425	07/19/1999	-95.443921	29.740121	59 ft	View
220	HGSD7404	TX HGSD	Gael Apartments, LP	Domestic	420	01/01/1999	-95.444727	29.739725	57 ft	N/A
221	65-13-8	TX TCEQ HIST	Tynes Sparks Building Corp.	Irrigation	514	02/12/1991	-95.39925	29.75144	52 ft	View
222	6513202	TX TWDB GW	Aid Utility Co.	Public Supply	237	2/10/1957	-95.437507	29.854172	83 ft	View
222	6513201	TX TWDB GW	Aid Utility Co.	Public Supply	357	01/01/1955	-95.437507	29.854172	83 ft	View
223	65-13-3	TX TCEQ HIST	Kenneth Bagwell	Domestic	380	07/01/1986	-95.396438	29.840953	65 ft	View
223	65-13-3	TX TCEQ HIST	Tree Experts, Inc.	N/A	400	04/05/2001	-95.396688	29.842008	65 ft	View
223	65-13-3E	TX TCEQ HIST	Mr. Ryman	Domestic	204	07/12/1976	-95.398416	29.84265	66 ft	View
223	65-13-3	TX TCEQ HIST	B.C. Dowell	Domestic	540	07/18/1988	-95.396736	29.840947	65 ft	View
223	HGSD8698	TX HGSD	Tree Experts Inc.	Domestic	400	01/01/2001	-95.396677	29.842225	66 ft	N/A
224	65-21-2	TX TCEQ HIST	St. John's School	Irrigation	510	01/31/1997	-95.428245	29.740243	57 ft	View
224	HGSD5717	TX HGSD	St. Johns School	Other	500	01/01/1997	-95.427787	29.739725	57 ft	N/A
225	65-13-3M	TX TCEQ HIST	Jimmy Hull Drilling	Domestic	476	03/24/1972	-95.403627	29.845757	70 ft	View
225	HGSD9812	TX HGSD	Pigge, Willie & Lynda	Domestic	1	n/a	-95.401117	29.846945	68 ft	N/A
225	G1010013 U	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1555	11/30/1949	-95.402144	29.846846	71 ft	View
225	G1010013 OF	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	0	n/a	-95.402785	29.844727	69 ft	View
225	G1010013 OE	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	0	n/a	-95.402503	29.844727	69 ft	View
225	6513303	TX TWDB GW	City of Houston Heights #13	Public Supply	1820	10/31/1949	-95.402508	29.84695	69 ft	View
226	65-21-2	TX TCEQ HIST	Danny Claes	Irrigation	70	08/22/2001	-95.42356	29.740843	55 ft	View
226	HGSD8831	TX HGSD	GBL Developers LLC	Lost	50	01/01/2001	-95.423617	29.740565	54 ft	N/A
227	65-13-4N	TX TCEQ HIST	Hans O. Jahns	Domestic	48	07/20/1974	-95.506797	29.7921	73 ft	View
228	65-13-3W	TX TCEQ HIST	Mr. Jessie Sharmon	Domestic	365	01/18/1983	-95.383877	29.829343	57 ft	View
229	65-05-8	TX TCEQ HIST	Lee Ellis	Domestic	580	09/14/1996	-95.409627	29.849285	76 ft	View
229	65-06-4T	TX TCEQ HIST	Joe Hopcus	Domestic	294	02/03/1978	-95.409667	29.847394	75 ft	View
229	60-60-9CC	TX TCEQ HIST	Zelda Furlow	Domestic	214	09/25/1979	-95.40864	29.849508	74 ft	View
229	HGSD5825	TX HGSD	Geirin North Shepherd, LLC	Domestic	600	01/01/1996	-95.409727	29.848615	76 ft	N/A
230	65-13-7H	TX TCEQ HIST	Paul Rosenberg	Domestic	293	08/02/1982	-95.487931	29.755376	63 ft	View
231	HGSD8441	TX HGSD	Kempspring Investments, Ltd.	Public Supply	0	n/a	-95.504727	29.815285	80 ft	N/A
232	6513941	TX TWDB GW	General Dynamics	Unused	300	01/01/1960	-95.380007	29.768894	52 ft	View
233	65-12-6	TX TCEQ HIST	K.L. Mikeselll	Domestic	360	01/04/1990	-95.507522	29.805969	81 ft	View
233	65-12-6	TX TCEQ HIST	Mark Klein	Industrial	50	04/06/2000	-95.507522	29.808444	81 ft	View
233	HGSD1043 5	TX HGSD	Spring Branch Medical Center	Other	400	01/01/2006	-95.509727	29.804175	79 ft	N/A
234	HGSD2366	TX HGSD	PEOPLES NATIONAL UTILITY CO.	Public Supply	0	01/01/1982	-95.447787	29.855565	83 ft	N/A
235	65-12-9M	TX TCEQ HIST	R.C. Standish	Domestic	47	11/03/1973	-95.508087	29.789593	71 ft	View
235	65-13-4P	TX TCEQ HIST	Bob Holsembeck	Domestic	48	07/27/1974	-95.508096	29.788121	71 ft	View
235	65-13-4Q	TX TCEQ HIST	J.H. Jordan	Domestic	51	09/23/1974	-95.507148	29.791063	71 ft	View
235	HGSD2052	TX HGSD	SPRING VALLEY, CITY OF	Public Supply	602	01/01/1954	-95.510287	29.788895	72 ft	N/A
236	6512613	TX TWDB GW	Spring Branch ISD	Public Supply	468	8/16/1970	-95.508619	29.796394	74 ft	View
237	6513118	TX TWDB GW	City of Houston Candlelight Oaks	Public Supply	341	01/01/1968	-95.465841	29.852228	73 ft	View
238	HGSD2715	TX HGSD	Garza, Julio	Irrigation	0	01/01/1989	-95.385007	29.833335	59 ft	N/A
239	HGSD7464	TX HGSD	Custom Floors Unlimited, Inc.	Domestic	500	n/a	-95.498897	29.828615	78 ft	N/A
239	HGSD7509	TX HGSD	Garcia, Virgilio Gomez	Public Supply	0	n/a	-95.497227	29.826945	77 ft	N/A
240	65-12-3BB	TX TCEQ HIST	Edward Bindley	Domestic	60	10/17/1978	-95.485916	29.841945	81 ft	View
240	65-13-1F	TX TCEQ HIST	S.E. Klecka	Domestic	43	01/19/1974	-95.488295	29.842896	80 ft	View
240	HGSD1274 1	TX HGSD	Newton Nurseries	Other	550	n/a	-95.488337	29.840285	80 ft	N/A

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
240	HGSD12740	TX HGSD	Newton Nurseries	Other	550	n/a	-95.486947	29.839725	81 ft	N/A
241	65-12-9N	TX TCEQ HIST	Tracy Guthrie	Domestic	41	08/21/1974	-95.504517	29.775113	69 ft	View
242	65-21-1	TX TCEQ HIST	Sueba/Davis Joint Venture	Irrigation	419	02/10/1993	-95.48043	29.748206	62 ft	View
243	6513603	TX TWDB GW	Houston Textile Co	Industrial	745	01/01/1948	-95.376674	29.821394	58 ft	View
243	156326	TX TWDB SDR	I-45 Plumbing	Domestic	50	9/26/2008	-95.378618	29.820283	54 ft	View
244	HGSD7611	TX HGSD	THOMPSON & HANSON GARDENS	Other	400	n/a	-95.434447	29.737505	57 ft	N/A
245	HGSD2362	TX HGSD	PEOPLES NATIONAL UTILITY CO.	Public Supply	0	01/01/1982	-95.443067	29.856675	84 ft	N/A
246	HGSD1205	TX HGSD	Houston, City of	Public Supply	1120	01/01/1969	-95.462227	29.854175	74 ft	N/A
246	G1010013JG	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1095	08/01/1974	-95.462444	29.854397	72 ft	View
247	HGSD2834	TX HGSD	Harris County	Public Supply	220	01/01/1961	-95.457787	29.855285	80 ft	N/A
248	HGSD11040	TX HGSD	Federal Reserve Bank of Dallas	Domestic	400	01/01/2009	-95.385007	29.759175	45 ft	N/A
248	165739	TX TWDB SDR	Federal Reserve Bank of Dallas	Domestic	350	12/31/2008	-95.385007	29.759172	45 ft	View
249	HGSD4205	TX HGSD	Spring Branch Healthcare Center	Domestic	450	01/01/1989	-95.510007	29.800005	78 ft	N/A
249	G1012460A	TX TCEQ PWS	SPRING BRANCH HEALTH CARE CENTER	Public Supply	610	n/a	-95.509896	29.799863	77 ft	View
250	65-20-6G	TX TCEQ HIST	Knight Construction	Domestic	131	10/01/1972	-95.407518	29.743052	53 ft	View
251	6513421	TX TWDB GW	Loyd Smith	Domestic	312	01/01/1969	-95.497229	29.832505	78 ft	View
252	65-13-2K	TX TCEQ HIST	Benjamin Smith	Domestic	335	05/14/1985	-95.431129	29.85696	84 ft	View
253	65-13-3N	TX TCEQ HIST	Sparkle Ice, Inc.	Industrial	520	05/11/1981	-95.410308	29.852569	74 ft	View
253	65-13-3	TX TCEQ HIST	Oscar	Domestic	66	07/27/1992	-95.407738	29.853567	73 ft	View
253	65-13-3	TX TCEQ HIST	Sparkle Ice	Industrial	561	01/31/1991	-95.411719	29.852076	77 ft	View
253	HGSD3124	TX HGSD	SPARKLE ICE COMPANY	Irrigation	400	01/01/1978	-95.409727	29.852785	74 ft	N/A
253	HGSD3125	TX HGSD	SPARKLE ICE COMPANY	Irrigation	400	01/01/1978	-95.409727	29.852785	74 ft	N/A
253	HGSD3250	TX HGSD	SIGMOR CORPORATION	Irrigation	0	01/01/1970	-95.412227	29.854175	77 ft	N/A
253	HGSD5090	TX HGSD	Houston, City of	Public Supply	562	01/01/1991	-95.409727	29.853065	74 ft	N/A
253	G1012436A	TX TCEQ PWS	REDDY ICE - HOUSTON	Public Supply	560	01/31/1991	-95.409636	29.853101	74 ft	View
253	G1012436B	TX TCEQ PWS	REDDY ICE - HOUSTON	Public Supply	0	n/a	-95.410501	29.853008	74 ft	View
253	G1012436C	TX TCEQ PWS	REDDY ICE - HOUSTON	Public Supply	0	n/a	-95.410501	29.853008	74 ft	View
254	65-05-9N	TX TCEQ HIST	E.C. Gilbreath	Domestic	370	09/23/1980	-95.391253	29.841694	65 ft	View
254	6513321	TX TWDB GW	Harold Long	Domestic	393	01/01/1967	-95.391118	29.840839	64 ft	View
255	HGSD1020	TX HGSD	Houston, City of	Public Supply	1980	01/01/1948	-95.381947	29.760565	48 ft	N/A
255	G1010013L	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1980	07/15/1948	-95.382997	29.760511	45 ft	View
255	6513903	TX TWDB GW	City of Houston Central	Public Supply	1980	01/01/1948	-95.383062	29.760561	45 ft	View
255	210899	TX TWDB SDR	Williams Brothers	Domestic	230	7/10/2009	-95.383062	29.762783	20 ft	View
256	65-13-4G	TX TCEQ HIST	Gulf Coast Welding	Domestic	334	12/15/1977	-95.495502	29.836352	80 ft	View
256	HGSD5210	TX HGSD	Tropical Motel	Public Supply	130	n/a	-95.494177	29.836395	79 ft	N/A
256	HGSD13513	TX HGSD	7020 Cotton Dr. LLC	Domestic	350	n/a	-95.496397	29.837505	80 ft	N/A
256	415424	TX TWDB SDR	Weldfit	Domestic	340	12/19/2015	-95.496396	29.837505	80 ft	View
257	65-13-2	TX TCEQ HIST	Sam Messins	Domestic	43	01/30/1991	-95.427452	29.857623	82 ft	View
257	65-13-2	TX TCEQ HIST	Mr. Salvage	Domestic	40	09/21/1992	-95.424715	29.857642	82 ft	View
258	G1013079A	TX TCEQ PWS	FULTON CABINS	Public Supply	0	n/a	-95.375642	29.82423	60 ft	View
259	G1010013GD	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	800	01/01/1946	-95.369943	29.809676	57 ft	View

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
259	6514412	TX TWDB GW	City of Houston Lindale Park	Unused	800	01/01/1946	-95.370007	29.809728	57 ft	View
260	65-21-3F	TX TCEQ HIST	Preston Villa Apartments	Other	444	07/21/1967	-95.414692	29.738734	56 ft	View
260	6521328	TX TWDB GW	Preston Villa Apartments	Public Supply	444	01/01/1967	-95.415563	29.737505	54 ft	View
261	HGSD1065	TX HGSD	Houston, City of	Public Supply	1820	01/01/1949	-95.397507	29.847505	67 ft	N/A
262	G1010148 A	TX TCEQ PWS	MEMORIAL VILLAGES WATER AUTHORITY	Public Supply	1570	01/01/1960	-95.509902	29.781266	70 ft	View
262	6512904	TX TWDB GW	Memorial Village	Public Supply	1555	01/01/1959	-95.509452	29.781116	68 ft	View
262	6512941	TX TWDB GW	Mem Village well # 1	Public Supply	537	01/01/1981	-95.509452	29.781116	68 ft	View
263	G1010013 JN	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	0	n/a	-95.447727	29.735234	58 ft	View
263	G1010013 JO	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	0	n/a	-95.447727	29.735234	58 ft	View
264	HGSD2053	TX HGSD	SPRING VALLEY, CITY OF	Public Supply	390	01/01/1948	-95.511947	29.791945	74 ft	N/A
265	65-21-2	TX TCEQ HIST	Photocolor of Houston	Industrial	381	04/17/1989	-95.426482	29.735516	54 ft	View
266	HGSD1798	TX HGSD	Admiral Linen & Uniform Service	Irrigation	650	01/01/1963	-95.410287	29.739445	51 ft	N/A
266	HGSD3964	TX HGSD	Admiral Linen & Uniform Service	Irrigation	650	01/01/1990	-95.409177	29.739445	52 ft	N/A
266	6521326	TX TWDB GW	Admiral Linen Co.	Industrial	648	01/01/1964	-95.408896	29.738616	51 ft	View
266	6521332	TX TWDB GW	Admiral Linen Service	Industrial	660	01/01/1984	-95.409174	29.739727	52 ft	View
267	65-21-2	TX TCEQ HIST	Mister Car Wash	Domestic	582	09/03/1994	-95.419184	29.736658	53 ft	View
267	HGSD4959	TX HGSD	CWP Asset Corp./Mister Car Wash	Other	550	01/01/1994	-95.419727	29.736395	53 ft	N/A
268	201852	TX TWDB SDR	Durden, Denise	Domestic	325	10/28/2009	-95.422785	29.858061	80 ft	View
269	65-13-4	TX TCEQ HIST	Spring Lake Apartment	Irrigation	372	05/03/1995	-95.51107	29.811748	81 ft	View
269	HGSD5355	TX HGSD	Loft at Spring Lake, The	Lost	400	01/01/1995	-95.511397	29.813615	79 ft	N/A
270	65-12-6J	TX TCEQ HIST	Hubert Brandler	Domestic	48	09/19/1974	-95.512075	29.808029	81 ft	View
270	65-12-6X	TX TCEQ HIST	V.L. Dalezal	Domestic	340	12/15/1999	-95.511918	29.807743	81 ft	View
271	232163	TX TWDB SDR	Hawkins, Russell	Irrigation	387	9/20/2010	-95.434174	29.734172	57 ft	View
272	6514764	TX TWDB GW	Willborg's Laundry	Plugged or Destroyed	958	01/01/1932	-95.373618	29.770005	49 ft	View
272	6514702	TX TWDB GW	Southern Pacific Railroad	Unused	774	01/01/1913	-95.373618	29.770005	49 ft	View
273	G1010013 GE	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1152	07/10/1947	-95.3705	29.817176	62 ft	View
273	6514409	TX TWDB GW	City of Houston Lindale Park	Unused	1152	6/01/1947	-95.369451	29.817227	62 ft	View
274	G1010013 JV	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	0	n/a	-95.506062	29.824954	79 ft	View
275	HGSD2348	TX HGSD	Southern Star Concrete, Inc.	Irrigation	548	01/01/1974	-95.371947	29.820835	64 ft	N/A
275	HGSD9533	TX HGSD	Southern Star Concrete, Inc.	Irrigation	500	01/01/2003	-95.371947	29.820835	64 ft	N/A
275	6514419	TX TWDB GW	Lone Star Cement Co.	Industrial	465	01/01/1967	-95.372229	29.820838	63 ft	View
276	65-12-5H	TX TCEQ HIST	Richards Printing Company	Domestic	60	11/14/1970	-95.513328	29.794967	75 ft	View
276	65-12-5A	TX TCEQ HIST	Oaks Unility Company	Public Supply	320	06/30/1967	-95.513824	29.793798	75 ft	View
276	HGSD1841	TX HGSD	H & J UTILITY SERVICES	Public Supply	330	01/01/1960	-95.516117	29.795285	75 ft	N/A
276	HGSD2084	TX HGSD	Spring I.S.D.	Public Supply	560	01/01/1981	-95.510837	29.794445	74 ft	N/A
276	HGSD2085	TX HGSD	Spring I.S.D.	Public Supply	468	01/01/1970	-95.510837	29.794445	74 ft	N/A
276	HGSD3144	TX HGSD	H & J UTILITY SERVICES	Public Supply	300	01/01/1977	-95.516117	29.795285	75 ft	N/A
276	HGSD2716	TX HGSD	ADA RESOURCES, INC.	Irrigation	0	01/01/1981	-95.515007	29.792785	75 ft	N/A
276	6512626	TX TWDB GW	Spring Branch I.S.D.	Public Supply	560	n/a	-95.510285	29.79445	74 ft	View
276	6512620	TX TWDB GW	Gulf Oil Co.	Industrial	291	01/01/1964	-95.513063	29.79445	75 ft	View

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
276	6512624	TX TWDB GW	Oaks Utility Co. Subd.	Public Supply	320	6/30/1967	-95.511952	29.792783	74 ft	View
277	HGSD5053	TX HGSD	Phoenician Apartments	Lost	419	01/01/1993	-95.478337	29.742505	64 ft	N/A
278	65-13-2F	TX TCEQ HIST	Joseph N. Skipper	Domestic	50	08/10/1965	-95.43766	29.860157	84 ft	View
278	65-13-2H	TX TCEQ HIST	Cameron Iron Works	Public Supply	300	08/09/1973	-95.438123	29.861391	85 ft	View
278	65-13-2N	TX TCEQ HIST	People's Utility Co.	Industrial	414	10/19/1979	-95.439479	29.859923	84 ft	View
278	HGSD2365	TX HGSD	PEOPLES NATIONAL UTILITY CO.	Public Supply	0	01/01/1981	-95.440007	29.859445	83 ft	N/A
278	HGSD3348	TX HGSD	PEOPLES NATIONAL UTILITY CO.	Public Supply	0	01/01/1978	-95.439447	29.859445	84 ft	N/A
278	HGSD3577	TX HGSD	PEOPLES NATIONAL UTILITY CO.	Public Supply	0	01/01/1979	-95.439447	29.860285	84 ft	N/A
279	65-12-3T	TX TCEQ HIST	D.C. Holman	Domestic	57	08/18/1973	-95.513191	29.805025	80 ft	View
279	65-12-6	TX TCEQ HIST	Burt Kopecky	Domestic	42	02/06/2001	-95.512266	29.807188	81 ft	View
279	G1010013 PP	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	0	n/a	-95.514494	29.80383	80 ft	View
280	HGSD1022	TX HGSD	Houston, City of	Public Supply	2020	01/01/1957	-95.377227	29.762785	41 ft	N/A
280	G1010013 N	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1990	02/04/1957	-95.377448	29.762635	39 ft	View
280	G1010013 GM	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1540	01/01/1927	-95.376611	29.763843	39 ft	View
280	G1010013 GN	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1456	01/01/1927	-95.37967	29.763567	35 ft	View
280	G1010013 GO	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1320	01/01/1927	-95.377443	29.761621	ft	View
280	G1010013 GP	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	953	01/01/1935	-95.378	29.763567	38 ft	View
280	G1010013 GQ	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	2025	01/01/1935	-95.376054	29.762455	51 ft	View
280	6513905	TX TWDB GW	City of Houston Central 21	Public Supply	2020	2/4/1957	-95.377507	29.762783	38 ft	View
280	6513924	TX TWDB GW	City of Houston Central	Industrial	1456	01/01/1927	-95.379729	29.763617	36 ft	View
280	6513925	TX TWDB GW	City of Houston Central	Unused	1540	01/01/1927	-95.376674	29.763894	39 ft	View
280	6513932	TX TWDB GW	City of Houston Central	Plugged or Destroyed	953	01/01/1935	-95.378618	29.763894	38 ft	View
280	6513933	TX TWDB GW	City of Houston Central	Plugged or Destroyed	2025	01/01/1935	-95.376118	29.762506	53 ft	View
280	6513926	TX TWDB GW	City of Houston Central	Unused	1320	01/01/1927	-95.377507	29.761672	-1 ft	View
281	6521312	TX TWDB GW	American Service Co.	Plugged or Destroyed	584	01/01/1937	-95.400285	29.742505	52 ft	View
282	HGSD3208	TX HGSD	MEMORIAL DRIVE COUNTRY CLUB	Public Supply	367	01/01/1953	-95.501947	29.761115	57 ft	N/A
283	173603	TX TWDB SDR	Second Baptist Church	Irrigation	386	3/30/2009	-95.497507	29.755839	62 ft	View
284	6513302	TX TWDB GW	City of Houston Heights #14	Public Supply	1830	11/30/1949	-95.402508	29.852783	73 ft	View
285	6512909	TX TWDB GW	L. G. Gaines	Domestic	297	01/01/1954	-95.508063	29.770283	67 ft	View
286	65-14-4	TX TCEQ HIST	Henry Baker	Domestic	378	02/20/1992	-95.365211	29.796984	49 ft	View
287	65-05-9E	TX TCEQ HIST	Don Wallis	Domestic	165	11/17/1983	-95.371886	29.824344	63 ft	View
287	G1010013 OH	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	753	05/01/1941	-95.370775	29.826341	63 ft	View
287	6514424	TX TWDB GW	City of Houston Oakwood	Unused	753	5/01/1941	-95.37084	29.826394	64 ft	View
288	65-12-6	TX TCEQ HIST	Wayne Lieber	Domestic	405	05/29/1991	-95.515068	29.798062	79 ft	View
288	HGSD3856	TX HGSD	Houston, City of	Public Supply	1800	01/01/1987	-95.513897	29.798615	79 ft	N/A
288	G1010484 A	TX TCEQ PWS	BIG BEND APARTMENTS INC	Public Supply	415	n/a	-95.517728	29.798843	80 ft	View
289	65-12-6X	TX TCEQ HIST	City of Spring Valley	Public Supply	1200	09/09/1981	-95.514472	29.787675	73 ft	View
289	HGSD1388 0	TX HGSD	Houston, City of	Public Supply	1200	n/a	-95.515287	29.787225	74 ft	N/A
289	HGSD2491	TX HGSD	HOLMES, W. K.	Public Supply	450	01/01/1985	-95.514447	29.788065	73 ft	N/A
289	HGSD2493	TX HGSD	Grace Community Church	Other	450	01/01/1981	-95.514727	29.786395	76 ft	N/A

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
289	HGSD2492	TX HGSD	HOLMES, W. K.	Public Supply	450	01/01/1985	-95.514447	29.788065	73 ft	N/A
289	HGSD3304	TX HGSD	Houston, City of	Public Supply	650	01/01/1978	-95.515837	29.787785	76 ft	N/A
289	G1010214 A	TX TCEQ PWS	CITY OF SPRING VALLEY VILLAGE	Public Supply	650	01/01/1978	-95.515677	29.78765	74 ft	View
289	G1010214 B	TX TCEQ PWS	CITY OF SPRING VALLEY VILLAGE	Public Supply	1200	09/09/1981	-95.51566	29.787636	74 ft	View
289	6512911	TX TWDB GW	City of Spring Valley Bonnie Oaks	Public Supply	400	n/a	-95.512785	29.789172	72 ft	View
289	6512906	TX TWDB GW	City of Spring Valley Bonnie Oaks	Public Supply	390	n/a	-95.513619	29.786672	73 ft	View
290	6512910	TX TWDB GW	Memorial Country Club	Domestic	367	01/01/1953	-95.500563	29.757783	61 ft	View
291	65-12-3Q	TX TCEQ HIST	Otis Oliver	Domestic	41	08/18/1974	-95.485519	29.849525	81 ft	View
292	HGSD2027	TX HGSD	PARKER BROTHERS & CO., INC.	Irrigation	346	01/01/1906	-95.504177	29.832225	81 ft	N/A
292	HGSD3854	TX HGSD	Houston, City of	Public Supply	1800	01/01/1988	-95.505837	29.833615	82 ft	N/A
293	6513928	TX TWDB GW	Public Laundries	Plugged or Destroyed	1377	01/01/1927	-95.383062	29.753339	50 ft	View
293	6513931	TX TWDB GW	Horlock Ice co.	Industrial	509	01/01/1941	-95.382507	29.753894	51 ft	View
294	65-13-1	TX TCEQ HIST	Houston Lighting and Power	Domestic	380	06/15/1990	-95.476394	29.854717	80 ft	View
294	65-13-1C	TX TCEQ HIST	Matcote Company	Industrial	441	06/18/1968	-95.473846	29.85324	79 ft	View
294	65-04-6A	TX TCEQ HIST	Matcote Company	Industrial	441	06/03/1967	-95.473878	29.853244	79 ft	View
294	HGSD1188	TX HGSD	HOUSTON LIGHTING & POWER COMPANY	Irrigation	342	01/01/1969	-95.475287	29.853895	80 ft	N/A
294	HGSD4602	TX HGSD	CenterPoint Energy Houston Electric, LLC	Domestic	380	01/01/1990	-95.475567	29.854175	80 ft	N/A
294	6513115	TX TWDB GW	Matcote Co.	Industrial	441	6/18/1968	-95.473896	29.853339	79 ft	View
294	6513120	TX TWDB GW	Houston Lighting & Power Co.	Domestic	342	01/01/1969	-95.47584	29.85445	80 ft	View
295	6514709	TX TWDB GW	Crescent Laundry	Unused	235	01/01/1936	-95.365563	29.783339	49 ft	View
296	HGSD1484	TX HGSD	Memorial Villages Water Authority	Public Supply	1604	01/01/1964	-95.513897	29.780565	67 ft	N/A
296	G1010148 B	TX TCEQ PWS	MEMORIAL VILLAGES WATER AUTHORITY	Public Supply	1570	01/01/1960	-95.514394	29.78051	70 ft	View
296	6512905	TX TWDB GW	Memorial Village	Public Supply	1570	01/01/1960	-95.514452	29.78056	71 ft	View
297	65-13-1	TX TCEQ HIST	Glad Tidings	Domestic	370	12/01/1988	-95.491378	29.846084	83 ft	View
297	65-13-1	TX TCEQ HIST	Gary Oeser	Domestic	50	04/12/2001	-95.490257	29.846166	82 ft	View
298	HGSD1625	TX HGSD	OYO Geospace	Irrigation	1000	01/01/1966	-95.498897	29.839445	82 ft	N/A
298	G1011346 A	TX TCEQ PWS	OYOG OPERATIONS	Public Supply	1000	06/28/1966	-95.498832	29.839393	82 ft	View
298	6513113	TX TWDB GW	Cleco Tools	Industrial	1000	01/01/1966	-95.498896	29.83945	82 ft	View
299	6513211	TX TWDB GW	James Love	Public Supply	150	n/a	-95.433896	29.862506	87 ft	View
300	65-12-9	TX TCEQ HIST	Joe Reeves	Domestic	430	12/18/2001	-95.511507	29.773339	70 ft	View
301	HGSD9086	TX HGSD	Nowamooz, Ashkan	Other	400	01/01/2002	-95.390007	29.746395	49 ft	N/A
301	6521334	TX TWDB GW	Baba Yega Resturant	Industrial	270	4/3/2002	-95.390007	29.746394	49 ft	View
302	6513927	TX TWDB GW	City of Houston	Public Supply	625	n/a	-95.37584	29.760283	41 ft	View
303	65-13-4L	TX TCEQ HIST	C.R. Cheshire	Domestic	47	08/02/1974	-95.515273	29.810358	83 ft	View
304	65-12-9	TX TCEQ HIST	Santana Dotson	Domestic	417	09/06/2002	-95.5065	29.763164	64 ft	View
305	HGSD4734	TX HGSD	NULL	Public Supply	600	n/a	-95.429177	29.731115	56 ft	N/A
306	HGSD1066	TX HGSD	Houston, City of	Public Supply	1830	01/01/1949	-95.397227	29.852785	71 ft	N/A
306	G1010013 HC	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1827	01/01/1949	-95.397447	29.853008	72 ft	View
307	65-12-9	TX TCEQ HIST	Charles Graham	Domestic	53	05/08/1996	-95.517002	29.792312	75 ft	View
307	65-13-4	TX TCEQ HIST	Jim Schewabenland	Domestic	45	03/21/2001	-95.51654	29.790447	75 ft	View
308	65-13-3N	TX TCEQ HIST	Thomas Dworsky	Domestic	266	06/01/1977	-95.411226	29.859437	80 ft	View
309	65-13-8B	TX TCEQ HIST	Union Alloys	Industrial	337	02/24/1974	-95.516265	29.783496	74 ft	View

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
309	65-12-6G	TX TCEQ HIST	Spring Branch Independent School District	Public Supply	468	04/09/1970	-95.515678	29.782068	74 ft	View
310	65-13-2	TX TCEQ HIST	Aldine School District	Public Supply	522	11/08/1986	-95.440407	29.863842	85 ft	View
310	65-13-2	TX TCEQ HIST	Guzzitta Brothers	Public Supply	540	05/19/1994	-95.439023	29.862736	84 ft	View
310	HGSD4911	TX HGSD	Guzzetta Brothers	Public Supply	500	n/a	-95.439177	29.863335	84 ft	N/A
310	G1013244 A	TX TCEQ PWS	HIGHLAND VILLAGE APARTMENT	Public Supply	438	n/a	-95.439824	29.863133	84 ft	View
310	G1010836 A	TX TCEQ PWS	ALDINE ISD DREW MIDDLE SCHOOL	Public Supply	522	11/08/1986	-95.440501	29.864951	86 ft	View
311	G1010013 GB	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	856	02/11/1938	-95.365219	29.816621	61 ft	View
311	G1010013 GC	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	853	06/17/1940	-95.365219	29.816621	61 ft	View
311	G1010013 OG	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	220	01/01/1938	-95.366891	29.816899	62 ft	View
311	6514418	TX TWDB GW	City of Houston Oakwood	Unused	220	01/01/1938	-95.366951	29.816949	61 ft	View
311	6514435	TX TWDB GW	City of Houston Lindale Park	Unused	853	6/17/1940	-95.365285	29.816394	60 ft	View
311	6514428	TX TWDB GW	City of Houston Lindale Park	Unused	856	2/11/1938	-95.365285	29.816394	60 ft	View
312	65-14-7K	TX TCEQ HIST	Four D Construction-Contractor	Domestic	377	05/08/1981	-95.45465	29.730735	57 ft	View
313	65-13-2B	TX TCEQ HIST	Tom Narum Construction Co.	Other	197	07/17/1967	-95.428927	29.863813	85 ft	View
313	HGSD1003	TX HGSD	Houston, City of	Public Supply	1520	01/01/1968	-95.429727	29.864175	84 ft	N/A
313	G1010013 A	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1507	03/07/1968	-95.430587	29.864419	86 ft	View
313	6513214	TX TWDB GW	City of Houston	Public Supply	1520	3/7/1968	-95.430563	29.864449	86 ft	View
313	6513215	TX TWDB GW	Gulf Oil Co.	Industrial	197	01/01/1967	-95.42834	29.863617	84 ft	View
314	65-13-1	TX TCEQ HIST	St. Clement Monestary	Irrigation	480	12/04/2001	-95.460386	29.862331	78 ft	View
314	HGSD8928	TX HGSD	Saint Clement Monastery	Domestic	400	01/01/2002	-95.460567	29.862225	78 ft	N/A
315	60-12-3	TX TCEQ HIST	Alan Reed	Domestic	50	07/31/1993	-95.5177	29.807558	82 ft	View
315	65-12-6	TX TCEQ HIST	Ray or Louis Stromberg	Domestic	47	10/08/1998	-95.516998	29.805986	82 ft	View
315	65-12-6	TX TCEQ HIST	Daniel W. Runge	Domestic	39	05/18/2000	-95.517768	29.80698	82 ft	View
315	65-12-6	TX TCEQ HIST	Terry Hartman	N/A	43	06/08/1995	-95.519004	29.805982	82 ft	View
315	6512614	TX TWDB GW	J. L. Sampson	Unused	60	01/01/1931	-95.517229	29.806394	82 ft	View
316	HGSD2732	TX HGSD	Wilshire Village Corporation	Domestic	526	01/01/1939	-95.402507	29.736675	50 ft	N/A
317	65-13-1	TX TCEQ HIST	Ken Burleson	Domestic	390	12/20/1995	-95.482261	29.855072	82 ft	View
317	65-13-1M	TX TCEQ HIST	Mr. Aldrege	Domestic	305	10/31/1980	-95.479452	29.855839	81 ft	View
318	65-13-6E	TX TCEQ HIST	Big Bend Apartments	Domestic	415	02/08/1984	-95.519088	29.798488	81 ft	View
318	65-12-6J	TX TCEQ HIST	Big Bend Apartments	Public Supply	415	04/03/1979	-95.519088	29.798488	81 ft	View
318	65-12-6Y	TX TCEQ HIST	James Bivens	Domestic	377	10/20/1980	-95.521306	29.799883	84 ft	View
318	65-12-6	TX TCEQ HIST	Ned Davenport	Domestic	413	10/16/1989	-95.52162	29.796949	80 ft	View
318	65-12-6	TX TCEQ HIST	Barbara F. Appelt	Domestic	37	06/12/2001	-95.518928	29.799861	81 ft	View
318	65-12-6	TX TCEQ HIST	Rita Arn	Domestic	45	09/29/2000	-95.519149	29.800439	81 ft	View
318	G1010013 OX	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	0	n/a	-95.518773	29.800536	81 ft	View
319	65-13-9	TX TCEQ HIST	JMG Builders, Ltd.	Irrigation	361	12/31/1998	-95.381067	29.750626	48 ft	View
319	HGSD1790	TX HGSD	Admiral Linen & Uniform Service	Irrigation	600	01/01/1967	-95.384177	29.750565	51 ft	N/A
319	HGSD2129	TX HGSD	SPARKLE ICE COMPANY	Irrigation	514	01/01/1970	-95.382227	29.750835	51 ft	N/A
319	HGSD2130	TX HGSD	SPARKLE ICE COMPANY	Irrigation	517	01/01/1941	-95.382227	29.750835	51 ft	N/A
319	HGSD6700	TX HGSD	Oakwood Apartment Management	Other	440	01/01/1998	-95.380837	29.750565	49 ft	N/A
319	6513930	TX TWDB GW	Horlock Ice co.	Industrial	250	01/01/1929	-95.383618	29.750283	51 ft	View
319	6513946	TX TWDB GW	Sparkle Ice Co.	n/a	514	4/21/1970	-95.382507	29.751117	51 ft	View

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
320	65-13-1	TX TCEQ HIST	Gayla Industries	Industrial	420	03/07/1990	-95.47435	29.859151	79 ft	View
320	HGSD1403 8	TX HGSD	Gayla Industries Inc	Irrigation	420	n/a	-95.475007	29.858895	80 ft	N/A
320	HGSD9909	TX HGSD	Gayla Industries, Inc.	Domestic	420	01/01/2004	-95.475007	29.858895	80 ft	N/A
320	6513117	TX TWDB GW	Gayla Industries, Inc.	Domestic	318	01/01/1969	-95.473618	29.859172	79 ft	View
320	174930	TX TWDB SDR	Gayla Industries	Domestic	420	11/11/2004	-95.473896	29.858617	80 ft	View
321	65-14-4	TX TCEQ HIST	Tom Lane	Domestic	47	07/10/1998	-95.361471	29.808165	55 ft	View
321	6514415	TX TWDB GW	W. E. Emerson	Public Supply	191	01/01/1953	-95.363341	29.808617	54 ft	View
322	65-14-7G	TX TCEQ HIST	Gifford-Hill America, Inc.	Industrial	552	08/19/1974	-95.360927	29.788815	47 ft	View
323	65-13-3	TX TCEQ HIST	City of Houston (Heights # 15SB)	Other	650	04/25/1984	-95.403532	29.858538	77 ft	View
323	HGSD1067	TX HGSD	Houston, City of	Public Supply	1980	01/01/1950	-95.403617	29.859445	78 ft	N/A
323	HGSD3179	TX HGSD	HOUSTONIAN MOTOR LODGE, INC.	Public Supply	0	01/01/1967	-95.402507	29.858335	76 ft	N/A
323	HGSD3180	TX HGSD	HOUSTONIAN MOTOR LODGE, INC.	Public Supply	0	01/01/1967	-95.402507	29.858335	76 ft	N/A
323	HGSD3709	TX HGSD	Houston, City of	Public Supply	612	01/01/1990	-95.403067	29.859725	75 ft	N/A
323	HGSD3479	TX HGSD	Houston, City of	Public Supply	0	01/01/1990	-95.403337	29.858065	76 ft	N/A
323	G1010013 V	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1675	02/27/1981	-95.403998	29.858454	76 ft	View
323	G1010013 HD	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	2320	01/01/1950	-95.404664	29.859397	77 ft	View
323	G1010013 W	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	650	02/07/1984	-95.404664	29.859397	77 ft	View
323	6513301	TX TWDB GW	City of Houston Heights #15	Unused	1980	2/6/1950	-95.403619	29.859728	78 ft	View
323	6513322	TX TWDB GW	City of Houston (Heights #15A)	Public Supply	1675	2/27/1981	-95.403619	29.858617	77 ft	View
323	6513323	TX TWDB GW	City of Houston Well # 15SB	Public Supply	650	4/25/1984	-95.403619	29.858617	77 ft	View
324	HGSD2226	TX HGSD	Nash, Jerome	Public Supply	83	01/01/1982	-95.491947	29.850005	83 ft	N/A
324	HGSD2225	TX HGSD	BRAY, ROY H & EDWARD LINDSAY	Public Supply	83	01/01/1919	-95.490287	29.849175	83 ft	N/A
325	65-12-6	TX TCEQ HIST	Tom Tannous	Domestic	45	11/13/1996	-95.519653	29.790424	75 ft	View
326	6513320	TX TWDB GW	Barney Williams	Domestic	380	01/01/1968	-95.392229	29.852783	70 ft	View
327	65-12-9F	TX TCEQ HIST	Memorial Villages Water Authority	Public Supply	1620	02/01/1981	-95.512309	29.766779	70 ft	View
327	HGSD3599	TX HGSD	Memorial Villages Water Authority	Public Supply	1800	01/01/1981	-95.510567	29.766395	68 ft	N/A
327	G1010148 E	TX TCEQ PWS	MEMORIAL VILLAGES WATER AUTHORITY	Public Supply	1620	02/01/1981	-95.510665	29.766242	68 ft	View
327	6512939	TX TWDB GW	Memorial Villages Water Authority#5	Public Supply	1620	01/01/1981	-95.510563	29.766117	68 ft	View
328	65-12-6	TX TCEQ HIST	James Griggs	Domestic	45	10/20/2000	-95.519859	29.803195	82 ft	View
328	65-12-16	TX TCEQ HIST	William L. Butcher, Jr.	Domestic	43	03/26/1999	-95.519134	29.802557	82 ft	View
328	65-12-16	TX TCEQ HIST	Francine T. Tisdale	Domestic	43	08/19/2000	-95.519485	29.802567	82 ft	View
328	65-12-6	TX TCEQ HIST	James Griggs	Domestic	36	03/26/2000	-95.519859	29.803195	82 ft	View
328	65-13-7E	TX TCEQ HIST	Bernadet Smith	Domestic	336	01/10/1976	-95.516776	29.803747	80 ft	View
328	G1010013 PQ	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	0	n/a	-95.517171	29.803566	80 ft	View
328	G1010013 PR	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	0	n/a	-95.517171	29.803566	80 ft	View
328	G1010013 PS	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	624	01/01/1950	-95.517171	29.803566	80 ft	View
328	6512606	TX TWDB GW	City of Houston Spring Branch Oaks	Plugged or Destroyed	624	01/01/1950	-95.517229	29.803617	79 ft	View
329	HGSD1019	TX HGSD	Houston, City of	Public Supply	2035	01/01/1945	-95.368897	29.764445	32 ft	N/A
329	6514707	TX TWDB GW	City of Houston Central	Unused	2035	01/01/1945	-95.369729	29.76445	33 ft	View
329	6514765	TX TWDB GW	Ineeda Laundry	Plugged or Destroyed	975	01/01/1910	-95.36834	29.762506	38 ft	View

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
330	65-21-2	TX TCEQ HIST	Stone Mountain Properties	Irrigation	480	07/13/2002	-95.464866	29.73093	57 ft	View
330	HGSD8986	TX HGSD	Stone Mountain Properties	Domestic	400	01/01/2002	-95.465287	29.731675	55 ft	N/A
331	HGSD2410	TX HGSD	West University Place, City of	Public Supply	1700	01/01/1949	-95.423067	29.728895	55 ft	N/A
331	HGSD3986	TX HGSD	West University Place, City of	Public Supply	1360	01/01/1990	-95.422507	29.728615	53 ft	N/A
331	G1010027 C	TX TCEQ PWS	CITY OF WEST UNIVERSITY PLACE	Public Supply	1298	07/25/1984	-95.422495	29.728557	54 ft	View
331	6521203	TX TWDB GW	City of West University Place	Public Supply	2007	01/01/1949	-95.422785	29.728616	53 ft	View
331	6521233	TX TWDB GW	City of West Univer- sity PlaceWell #9	Public Supply	1400	7/25/1984	-95.422507	29.728338	53 ft	View
332	65-14-4K	TX TCEQ HIST	C. C. Hern	Domestic	248	06/08/1983	-95.359622	29.791778	47 ft	View
333	HGSD1133	TX HGSD	Houston, City of	Public Supply	1720	01/01/1969	-95.516397	29.820285	84 ft	N/A
333	HGSD2600	TX HGSD	E.Lindsay. Edward E	Public Supply	60	01/01/1957	-95.516117	29.818615	83 ft	N/A
333	G1010013 BR	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1540	06/05/1969	-95.516614	29.820231	84 ft	View
333	6512625	TX TWDB GW	City of Houston	Plugged or Destroyed	1720	4/1/1969	-95.516396	29.820005	84 ft	View
334	HGSD1125	TX HGSD	Houston, City of	Public Supply	1051	01/01/1953	-95.451117	29.727785	57 ft	N/A
334	HGSD1126	TX HGSD	Houston, City of	Public Supply	1965	01/01/1953	-95.450837	29.730285	72 ft	N/A
334	G1010013 BI	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	900	07/14/1953	-95.45114	29.727845	57 ft	View
334	G1010013 BJ	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1905	08/04/1953	-95.451178	29.730515	57 ft	View
334	6521201	TX TWDB GW	City of Houston	Public Supply	1051	01/01/1953	-95.45114	29.727847	57 ft	View
334	6521202	TX TWDB GW	City of Houston	Public Supply	1965	7/22/1953	-95.451179	29.730516	57 ft	View
334	6521230	TX TWDB GW	Harris-Galveston Subsidence District	Unused	1943	2/1/1980	-95.451119	29.727227	57 ft	View
335	65-13-2E	TX TCEQ HIST	Key Oil Co.	Industrial	360	01/27/1969	-95.432647	29.866475	87 ft	View
335	6513206	TX TWDB GW	Mt. Calvary Lutheran Church	Domestic	360	01/01/1961	-95.433618	29.867227	85 ft	View
336	65-13-3V	TX TCEQ HIST	Don Wagner	Domestic	236	04/07/1983	-95.396786	29.856859	76 ft	View
336	65-13-3T	TX TCEQ HIST	Kits Industries	Industrial	330	04/28/1982	-95.394543	29.858348	75 ft	View
337	HGSD1281 2	TX HGSD	Nguyen, Teresa & Nguyen Catherine	Domestic	200	n/a	-95.384177	29.848615	67 ft	N/A
338	60-52-2C	TX TCEQ HIST	Hansen Minerals	Industrial	272	06/05/1980	-95.520039	29.783338	75 ft	View
338	HGSD1189	TX HGSD	HOUSTON LIGHTING & POWER COMPANY	Irrigation	325	01/01/1967	-95.520567	29.785565	75 ft	N/A
338	HGSD3924	TX HGSD	Memorial Villages Water Authority	Public Supply	1620	01/01/1990	-95.519447	29.782505	73 ft	N/A
338	G1010148 C	TX TCEQ PWS	MEMORIAL VILLAGES WATER AUTHORITY	Public Supply	1235	01/01/1964	-95.519614	29.782519	74 ft	View
339	65-13-1M	TX TCEQ HIST	Trish Hillman	Domestic	295	08/20/1982	-95.479397	29.859405	79 ft	View
339	65-05-1T	TX TCEQ HIST	Semmo Electrial Co.	Industrial	320	05/01/1974	-95.479579	29.858497	80 ft	View
340	G1010013 JW	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	0	n/a	-95.515501	29.825509	82 ft	View
341	65-12-9G	TX TCEQ HIST	Gene VanDyke	N/A	450	01/29/1970	-95.508415	29.757226	60 ft	View
342	65-13-3	TX TCEQ HIST	Rodolfo Posada	Domestic	48	05/08/1997	-95.387959	29.852288	69 ft	View
343	65-13-2	TX TCEQ HIST	Melvin Ball	Domestic	62	04/08/1991	-95.440501	29.867741	86 ft	View
343	65-13-1	TX TCEQ HIST	Fred Hicks	Domestic	55	01/29/2000	-95.442508	29.868427	85 ft	View
343	65-04-9	TX TCEQ HIST	City of Houston-Acres Home #2A	Public Supply	1635	11/16/1995	-95.437683	29.86795	85 ft	View
343	HGSD1004	TX HGSD	Houston, City of	Public Supply	1576	01/01/1970	-95.437507	29.866945	85 ft	N/A
343	HGSD2933	TX HGSD	Aldine I.S.D.	Public Supply	0	01/01/1986	-95.440287	29.865835	85 ft	N/A
343	HGSD3843	TX HGSD	Houston, City of	Public Supply	900	01/01/1990	-95.437507	29.866945	85 ft	N/A

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
343	HGSD4144	TX HGSD	Aldine I.S.D.	Public Supply	368	01/01/1986	-95.440567	29.865835	85 ft	N/A
343	G1010013 B	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	890	08/01/1970	-95.437774	29.867406	87 ft	View
343	G1010013 C	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	565	12/12/1984	-95.437636	29.867509	85 ft	View
343	G1010013 SE	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1635	11/16/1995	-95.437965	29.867593	85 ft	View
343	6513221	TX TWDB GW	City of Houston	Plugged or Destroyed	620	01/01/1984	-95.437638	29.867508	85 ft	View
343	6513224	TX TWDB GW	City of Houston Acres Homes #2A	Public Supply	1635	11/16/1995	-95.437507	29.867783	85 ft	View
343	6513227	TX TWDB GW	City of Houston	Public Supply	565	1/01/1993	-95.437638	29.867508	85 ft	View
343	6513219	TX TWDB GW	City of Houston	Plugged or Destroyed	1576	01/01/1970	-95.437774	29.867405	87 ft	View
344	65-04-5SS	TX TCEQ HIST	Hospital Equities	Domestic	240	04/16/1980	-95.503977	29.751762	55 ft	View
344	6512923	TX TWDB GW	H.W. Rasmussen	Plugged or Destroyed	416	01/01/1938	-95.502785	29.752228	62 ft	View
345	6514703	TX TWDB GW	Phenix Dairy Well #2	Unused	962	01/01/1948	-95.371118	29.757506	48 ft	View
346	65-13-3A	TX TCEQ HIST	C.R. Corgey	Domestic	195	05/03/1957	-95.411934	29.86399	82 ft	View
346	65-13-3B	TX TCEQ HIST	C.R. Corgey	Domestic	195	04/03/1957	-95.411909	29.864057	82 ft	View
346	HGSD7437	TX HGSD	Krebs, Norman	Domestic	50	01/01/1964	-95.414177	29.865005	80 ft	N/A
346	6513318	TX TWDB GW	C. R. Corgey	Domestic	195	01/01/1957	-95.411674	29.863339	81 ft	View
347	65-22-1	TX TCEQ HIST	JMG Builders, LTD	Irrigation	388	04/08/1997	-95.416091	29.728685	52 ft	View
347	HGSD5893	TX HGSD	Boulevard Apartments, The	Domestic	350	01/01/1997	-95.416397	29.728065	52 ft	N/A
348	65-12-6D	TX TCEQ HIST	Mission Manufacturing Co.	Industrial	450	01/24/1969	-95.510815	29.834403	84 ft	View
348	HGSD1629	TX HGSD	SANDVIK MISSION DRILLING PROD CO	Irrigation	570	01/01/1975	-95.508617	29.835005	84 ft	N/A
348	HGSD1627	TX HGSD	TRW MISSION MFG COMPANY	Irrigation	450	01/01/1969	-95.508897	29.835565	84 ft	N/A
348	HGSD1628	TX HGSD	SANDVIK MISSION DRILLING PROD CO	Irrigation	740	01/01/1957	-95.509177	29.835285	83 ft	N/A
348	6512306	TX TWDB GW	Sandvik Rock Tool Co.	Industrial	579	01/01/1955	-95.510008	29.835283	85 ft	View
348	6512305	TX TWDB GW	Sandvik Rock Tool Co.	Industrial	740	5/26/1957	-95.50973	29.835839	85 ft	View
348	6512310	TX TWDB GW	Sandvik Rock Tool Co.	Industrial	450	1/26/1969	-95.50973	29.835839	85 ft	View
348	G1011167 A	TX TCEQ PWS	SANDVIK ROCK TOOL INC	Public Supply	740	05/26/1957	-95.509945	29.835231	84 ft	View
348	G1011167 B	TX TCEQ PWS	SANDVIK ROCK TOOL INC	Public Supply	579	01/01/1955	-95.509671	29.835788	85 ft	View
348	6512610	TX TWDB GW	Texaco Inc.	Industrial	232	01/01/1964	-95.509452	29.83306	83 ft	View
349	65-13-2C	TX TCEQ HIST	City of Houston	Public Supply	620	12/12/1984	-95.437248	29.868104	85 ft	View
349	65-04-9	TX TCEQ HIST	City of Houston-Acres Home 2B	Public Supply	1075	12/22/1995	-95.437248	29.868104	85 ft	View
349	65-05-1J	TX TCEQ HIST	Northwest Houston Water	Public Supply	2109	08/01/1971	-95.437347	29.867975	85 ft	View
349	HGSD5513	TX HGSD	Houston, City of	Public Supply	1160	n/a	-95.436677	29.867225	85 ft	N/A
349	HGSD5514	TX HGSD	Houston, City of	Public Supply	1650	n/a	-95.436947	29.866945	85 ft	N/A
349	G1010013 QQ	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1075	12/22/1995	-95.436637	29.868846	86 ft	View
349	6513225	TX TWDB GW	City of Houston Acres Homes #2B	Public Supply	1075	12/22/1995	-95.437229	29.86806	85 ft	View
349	6513218	TX TWDB GW	Key Oil Co.	Industrial	360	01/01/1969	-95.434452	29.868338	84 ft	View
350	65-12-3	TX TCEQ HIST	American Pump and Well	Domestic	302	08/15/1987	-95.507958	29.838259	87 ft	View
350	65-12-3Q	TX TCEQ HIST	Quality Metal	Domestic	348	09/13/1979	-95.507031	29.838931	86 ft	View
350	65-12-3Q	TX TCEQ HIST	Evelyn Glade	Domestic	45	02/22/1975	-95.506101	29.83804	84 ft	View
350	65-12-3DD	TX TCEQ HIST	Quality Metal Finishing	Domestic	315	02/17/1978	-95.507063	29.838828	85 ft	View
350	65-12-3	TX TCEQ HIST	American Pump and Well	Domestic	340	09/12/1987	-95.50784	29.838268	86 ft	View
350	65-13-1K	TX TCEQ HIST	Quality Metal	Domestic	348	11/23/1979	-95.506945	29.838856	86 ft	View
351	65-13-2	TX TCEQ HIST	Archie Hayword	Domestic	492	10/04/1993	-95.414819	29.865172	80 ft	View

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
352	65-12-7	TX TCEQ HIST	Albert Chen	Domestic	432	07/14/1997	-95.517036	29.770153	75 ft	View
352	6512908	TX TWDB GW	Memorial Village	Unused	545	5/20/1955	-95.517229	29.770005	74 ft	View
353	65-14-1	TX TCEQ HIST	Thomas Perze	Domestic	450	07/19/1991	-95.371891	29.8382	66 ft	View
354	6514720	TX TWDB GW	Rice Hotel Laundry	Plugged or Destroyed	1502	01/01/1936	-95.368062	29.760561	49 ft	View
355	65-21-1X	TX TCEQ HIST	Apex Valve and Fitting	Industrial	323	07/14/1983	-95.485548	29.7366	62 ft	View
355	HGSD9865	TX HGSD	Parvizian, Gus	Public Supply	220	n/a	-95.483337	29.736945	61 ft	N/A
356	65-20-9	TX TCEQ HIST	Ninfa Cavazos	Domestic	285	09/10/1995	-95.400718	29.733303	50 ft	View
357	65-12-5T	TX TCEQ HIST	Blalock Nursing Home	Domestic	592	06/30/1983	-95.523376	29.793948	77 ft	View
357	65-12-6Z	TX TCEQ HIST	Blalock Nursing Home	Other	582	09/28/1982	-95.523333	29.793855	77 ft	View
357	65-05-9FF	TX TCEQ HIST	Holland Plbg. Co.	Domestic	232	06/05/1973	-95.524067	29.794912	80 ft	View
357	HGSD9987	TX HGSD	Village Healthcare Center, The	Domestic	600	01/01/2005	-95.523617	29.793895	77 ft	N/A
357	HGSD3857	TX HGSD	Houston, City of	Public Supply	1800	01/01/1987	-95.523617	29.793335	77 ft	N/A
357	HGSD4201	TX HGSD	Mariner Healthcare	Public Supply	650	01/01/1989	-95.523337	29.793615	77 ft	N/A
357	HGSD4202	TX HGSD	ARA LIVING CENTERS	Public Supply	400	01/01/1990	-95.522507	29.793615	76 ft	N/A
357	G1012459 A	TX TCEQ PWS	THE VILLAGE HEALTHCARE CENTER	Public Supply	592	06/30/1983	-95.523688	29.793664	77 ft	View
357	G1012459 C	TX TCEQ PWS	THE VILLAGE HEALTHCARE CENTER	Public Supply	600	04/18/2005	-95.523741	29.793596	77 ft	View
357	G1012459 B	TX TCEQ PWS	THE VILLAGE HEALTHCARE CENTER	Public Supply	580	n/a	-95.523557	29.795233	80 ft	View
357	6512638	TX TWDB GW	Village Health Care Center (Well #3)	Public Supply	600	4/18/2005	-95.523618	29.793616	77 ft	View
358	HGSD1128	TX HGSD	Houston, City of	Public Supply	2015	01/01/1960	-95.458897	29.726675	66 ft	N/A
358	G1010013 BL	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	1592	07/15/1960	-95.459111	29.726068	58 ft	View
358	6521106	TX TWDB GW	City of Houston	Plugged or Destroyed	2015	7/15/1960	-95.458893	29.725838	58 ft	View
359	HGSD1677	TX HGSD	Houston, City of	Public Supply	560	01/01/1964	-95.470287	29.864445	73 ft	N/A
359	G1010013 JL	TX TCEQ PWS	CITY OF HOUSTON	Public Supply	560	10/27/1964	-95.4705	29.864675	73 ft	View
359	6513110	TX TWDB GW	City of Houston Arbor Oaks	Public Supply	560	01/01/1964	-95.47084	29.865006	73 ft	View
360	6514716	TX TWDB GW	Sunshine Laundry	Plugged or Destroyed	602	01/01/1929	-95.360841	29.77306	47 ft	View
361	6514725	TX TWDB GW	Model Laundry	Plugged or Destroyed	1875	01/01/1909	-95.365563	29.763339	36 ft	View
362	65-12-5	TX TCEQ HIST	Elise Cowan	Domestic	35	08/11/1995	-95.523037	29.8074	83 ft	View
362	65-13-4	TX TCEQ HIST	Clarence H. Cook	Domestic	34	06/18/2003	-95.521888	29.806714	83 ft	View
363	65-03-9B	TX TCEQ HIST	Irwin Fusilier	Domestic	282	03/17/1972	-95.378556	29.846609	68 ft	View
364	65-14-4	TX TCEQ HIST	Kent Wong	Industrial	502	10/25/1988	-95.356151	29.800947	49 ft	View
365	HGSD8451	TX HGSD	Houston Steel Service	Domestic	460	01/01/1986	-95.430567	29.724445	52 ft	N/A
366	65-12-9	TX TCEQ HIST	Schindler Enterprises	Industrial	41	10/10/1991	-95.52368	29.786583	76 ft	View
366	6512907	TX TWDB GW	Campbell Place	Unused	486	01/01/1948	-95.523062	29.789172	76 ft	View
367	HGSD7905	TX HGSD	Mouton, Sr., John P.	Domestic	45	01/01/1958	-95.420287	29.868065	84 ft	N/A
368	65-13-2	TX TCEQ HIST	MIchael Abbs	Domestic	60	10/14/1990	-95.448043	29.869576	84 ft	View

Well Summary

Water Well Dataset	# of Wells
TX HGSD	253
TX TCEQ HIST	371
TX TCEQ PWS	108
TX TWDB GW	222

Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs

TX TWDB SDR	46
Total Count	**1000**

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

8C 65-13-8C GW 1

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711	State of Texas WATER WELL REPORT	For TWDB use only Well No. Located on map Received: Form GW 8 Form GW 9

1) OWNER:
Person having well drilled General Electric Company (Name) Address 3530 West 12th (Street or RFD) Houston (City) Texas (State)

Landowner Same (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris Labor League Abstract No.

NW¼ NE¼ SW¼ SE¼ of Section Block No. Survey
(Circle as many as are known)

miles in (NE, SW, etc.) direction from (Town)

NORTH

see reverse side for map.

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☒ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☐ Industrial ☒ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check):
Rotary ☒ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 6 in. Depth drilled 533 ft. Depth of completed well 533 ft. Date drilled 3-6-69

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	From (ft.)	To (ft.)	Description and color of formation material
0	28	Surface & Hard clay	221	235	Sand very broken
28	58	Loose fine sandy shale	235	240	Shale loose
58	130	Red clay	240	288	Sand
130	172	Sand broken	288	300	Shale
172	180	Sand	300	306	Sand
180	192	Sand broken	306	312	Shale
192	204	Blue shale	312	336	Sand breaks with shale
204	221	Sand			(Use reverse side if necessary) cont'd

7) COMPLETION (Check):
Straight wall ☒ Gravel packed ☐ Other ☐
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level 212 ft. below land surface Date 3-6-69
Artesian pressure lbs. per square inch Date

9) CASING:
Type: old ☐ New ☒ Steel ☒ Plastic ☐ Other ☐
Cemented from 0 ft. to 433 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
6"	0	433	

10) SCREEN:
Type Stainless Steel
Perforated ☒ Slotted ☐

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size
4" screen	533	513	.012
4" blank	513	470	
4" screen	470	450	.012
4" blank	450	443	

11) WELL TESTS:
Was a pump test made? ☐ Yes ☒ No If yes by whom?

Yield: gpm with ft. drawdown after hrs
Bailer test gpm with ft. drawdown after hrs
Artesian flow gpm Date
Temperature of water
Was a chemical analysis made? ☐ Yes ☒ No
Did any strata contain undesirable water? ☐ Yes ☐ No
Type of water? depth of strata

12) PUMP DATA: (cont'd)
Manufacturer's Name Jacuzzi Bros.
Type Submersible H.P. 15
Designed pumping rate gpm ☐ gph ☐
Type power unit Electric
Depth to bowls, cylinder, jet, etc., 320 ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME R.B. Lowry (Type or Print) Water Well Drillers Registration No. 146

Address P.O. Box 8707 (Street or RFD) Houston (City) Texas (State)

(Signed) (Water Well Driller) Lowry Water Wells (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

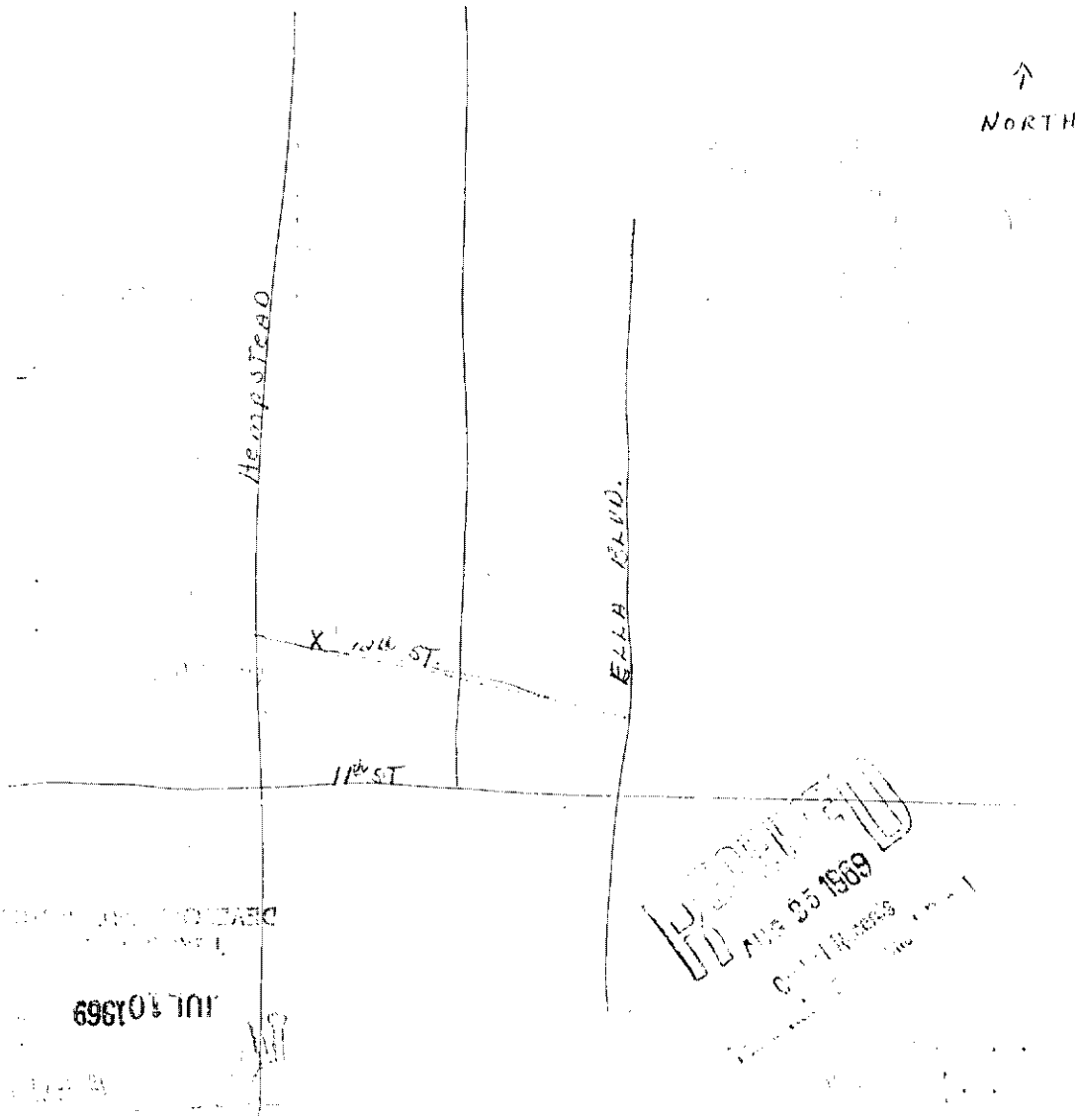
4820107585

Well log contunued

336	365	Red clay
365	384	Sand
384	430	Tough Clay
430	442	Sand
442		Break
442	456	Sand
456	461	Sand broken
461	473	Sand
473	480	Shale
480	490	Sand
490	515	Shale sand streaks
515	533	Sand

Screen set continued

4"screen	443	433	.012
4"blank	433	420	



TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 516 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 47 35 Longitude - 95 26 32 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - General Electric Driller - Lowry Water Wells

Address _____ Tenant/Oper. _____
Date Drilled - 03/06/1969 Depth - 533 ft. Source of Depth - D Altitude - 73 ft. Source of Alt. - M
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER Well Type - W User -

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) | Setting(feet) From | To

LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 15

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- D Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 11/03/1998

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
HOU. GARDEN CNTR.	5000 WESTPARK	HOU	TX	77056

2) WELL LOCATION

County	Physical Address	City	State	Zip
HARRIS	1700 W. LOOP NORTH	HOU	TX	77055

3) Type of Work ☒ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

Lat. Long. Grid # 65-13-5

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☒ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply If Public Supply well, were plans submitted? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11 / 6 / 00
Completed 11 / 7 / 00

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
6 3/4	0	400

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

0 - 5	CLAY
50 - 100	SAND
100 - 125	CLAY
125 - 200	SAND
200 - 265	CLAY
265 - 280	SAND
280 - 350	CLAY
350 - 400	SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other 2 STRING
If Gravel Packed give the interval from ft. to ft.

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
4	N	PVC CASING	0	370	
2.5	"	" LINER	360	370	
"	"	" SCREEN	370	400	.010

9) Cementing Data
Cementing from 0 ft. to 370 ft. #of sacks used 25
10 ft. to 0 ft. #of sacks used 10
Method Used HALLIBURTON
Cementing By SDI
Distance to septic system field or other concentrated contamination 400 ft.
Method of verification of above distance CITY SEWER

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion
☐ Specified Surface Slab Installed
☒ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Type Pump
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc. 315 ft.

11) Water Level
Static level 205 ft. below Date 11 / 7 / 00
Artesian Flow gpm. Date / /

15) Water Test
Typetest ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 60 gpm with ft. drawdown after hrs.

12) Packers Type Depth
K-PACKER 360

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☒ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made ☐ Yes ☒ No

Company or individual's Name (type or print)	SCOTT DRILLING, INC	Lic. No.	4839 WI
Address 11915 GREEN PINE CIRCLE	City HOU	State TX	Zip 77066

Signature Scott Tobman	11 / 15 / 00	Signature D. J. Inman	11 / 15 / 00
Licensed Driller/Pump Installer	Date	Apprentice	Date

TDLR FORM 1001WWD White - TDLR Yellow - Owner Pink - Driller/Pump Installer

4820124423

65-13 BE

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-
Located on map
Received:

1) OWNER:
Person having well drilled Faulkner Contractors (Name) Address P.O. Box 16110 (Street or RFD) Houston (City) TX (State)

Landowner Shell Oil Company (Name) Address P.O. Box 20098 (Street or RFD) HOU. (City) TX 77025 (State)

2) LOCATION OF WELL:
County Harris, 8 miles in NW (N.E., S.W., etc.) direction from Houston (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

see reverse side for map

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well — Deepening — X Reconditioning — Plugging

4) PROPOSED USE (Check):
Domestic — Industrial — Municipal — Irrigation — X Test Well — Other

5) TYPE OF WELL (Check):
Rotary XX — Driven — Dug — Cable — Jetted — Bored

6) WELL LOG:
Diameter of hole 4 in. Depth drilled 449 ft. Depth of completed well 449 ft. Date drilled 7/25/77

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	24	clay
24	48	clay
48	72	clay & sand
72	96	sand & clay
96	120	sand & clay
120	144	sand & clay
144	168	sand
168	192	sand & clay
192	216	sand & clay
216	240	sand & clay
240	264	sand & clay

(Use reverse side if necessary)

9) Casing:
Type: Old — New X — Steel X — Plastic — Other

Cemented from 0 ft. to 435 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4	0	435	sch.40

10) SCREEN:
Type stainless steel rodbase

Perforated X — Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2½	439	449	#12

7) COMPLETION (Check):
Straight wall — Gravel packed — Other
XX Under reamed — Open Hole

8) WATER LEVEL:
Static level 143 ft. below land surface Date 8-2-77

Artesian pressure _____ lbs. per square inch Date _____

Depth to pump bowls, cylinder, jet, etc. _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes — No X If yes, by whom?

Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.

Artesian flow _____ gpm

Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes — No X

Did any strata contain undesirable water? Yes — No

Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME R. B. Lowry (Type or Print) Water Well Drillers Registration No. 146

ADDRESS 1323 Aldine-Mail Rd. (Street or RFD) P.O. Box 8707 (City) Houston (State) TX 77009

(Signed) R. B. Lowry (Water Well Driller) Lowry Water Wells (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

4820107587

2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

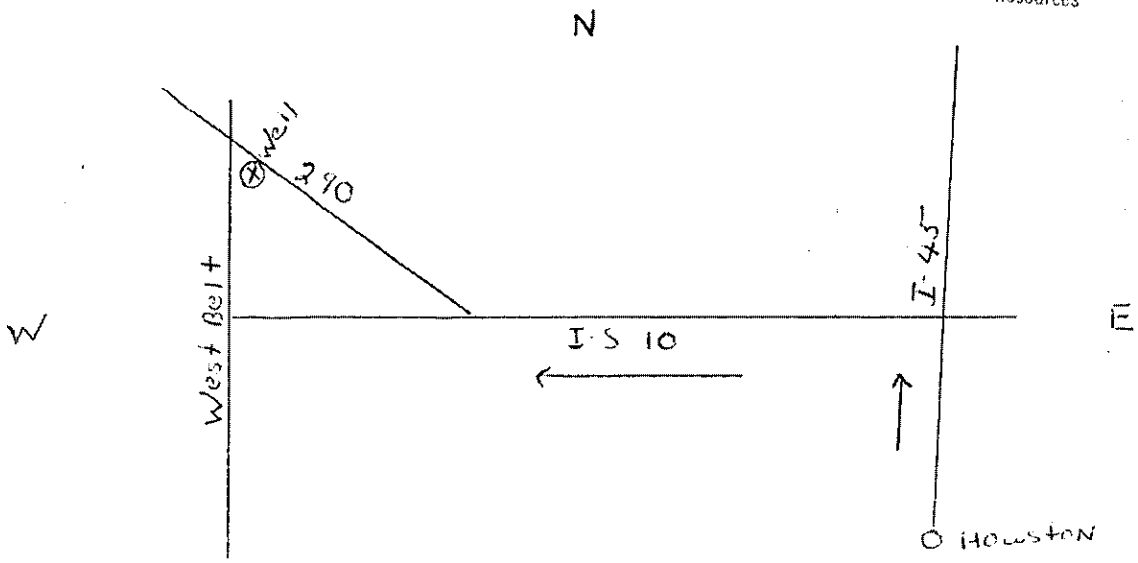
Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area, e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-CW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.

From (ft.)	To (ft.)	Description and color of formation material
264	288	sand
288	312	sand & clay
312	336	sand & clay
336	360	sand, clay, rock
360	384	sand, clay
384	408	sand, clay
408	432	sand & clay
432	449	sand

RECEIVED
NOV 2 1978
Central Records
Texas Dept. of Water Resources



RECEIVED
JUL - 6 1978
DEPT. OF
WATER RESOURCES

#1

Please use black ink.
Send original copy by certified mail to the
Texas Water Commission
P.O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Texas Bolt Co (Name) Address 3233 W 11 th St Houston, Texas 77251 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 5½ miles in W (N.E., S.W., etc.) direction from ~~Down town Houston~~ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

Well is located at 3211 W 11 ☒ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☒ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling:
Started 13 July 19 88
Completed ~~16~~ " 19 88

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6½	Surface	305'

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0		clay 30 sand 44 clay 55 sand 70
~~135~~	~~sand 145~~	~~clay 158 sand 190 clay~~
~~276~~	~~sand 304~~	~~clay 305~~

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfr., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Plastic	~~+1.5~~	~~290~~	~~40~~
		(21' of gal on bottom			
2½"	N	2½ Gal steel	282	292	
2½"	N	SS RB screen	292-	304	16 ga
"	"	Set	304	305	

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from ~~290~~ ft. to ~~90~~ ft. No. of Sacks Used ~~12~~
~~61~~ ft. to ~~15~~ ft. No. of Sacks Used 2
Method used Halliburton Method
Cemented by Swinehart

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☒ Approved Alternative Procedure Used [Rule 319.71]

RECEIVED
AUG 24 1988
TEXAS WATER COMMISSION

11) WATER LEVEL:
Static level ~~200~~ ft. below land surface Date ~~16 88~~
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth
K packer 4x2½ RR set 280.

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., ~~275'~~ ft.

[Use reverse side if necessary]

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: ~~40~~ gpm with ~~36~~ ft. drawdown after ~~1~~ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME B.J. Swinehart CO. Inc (Type or Print) Water Well Driller's License No. 229

ADDRESS 7524 N. Freeway Houston, Texas 77037 (Street or RFD) (City) (State) (Zip)

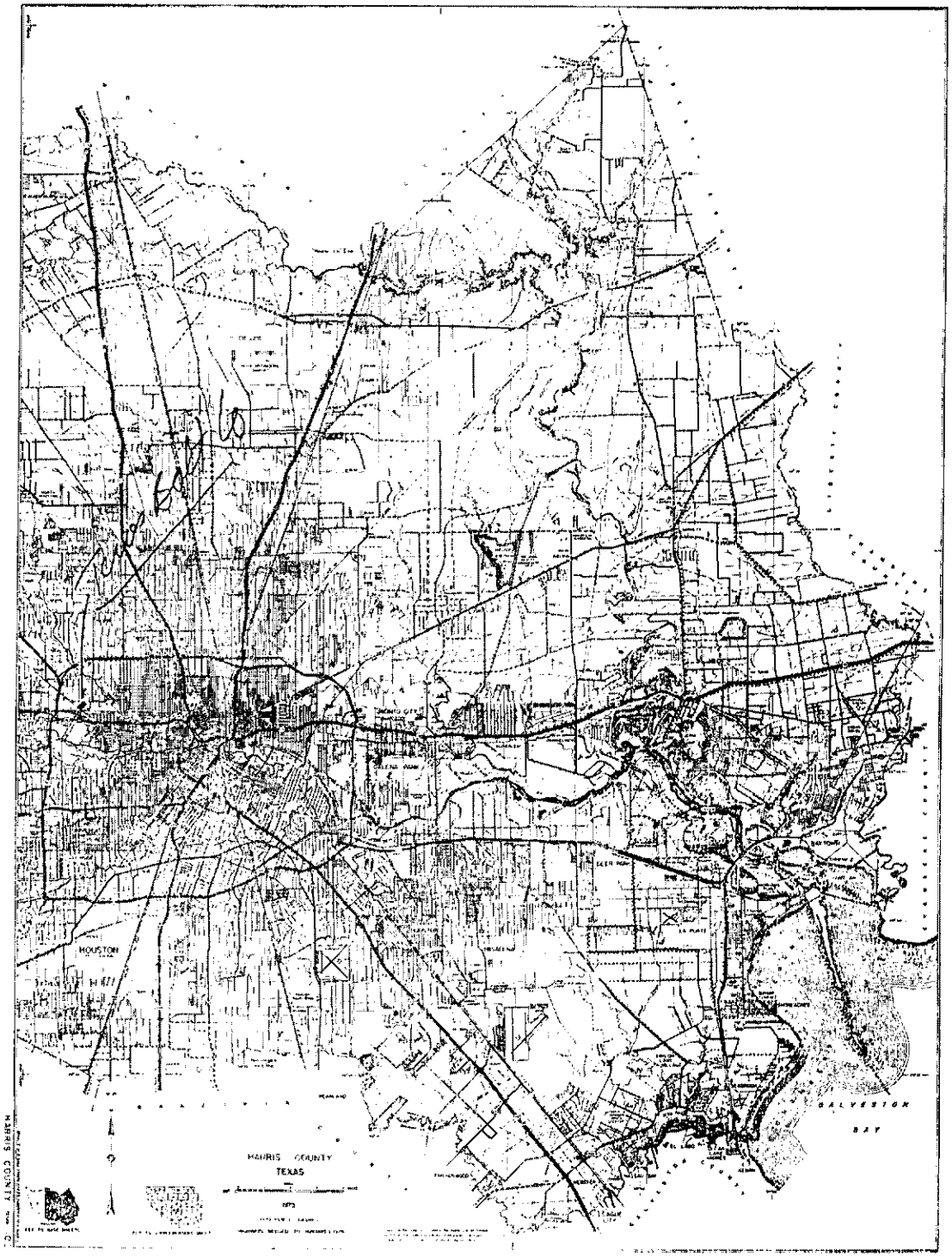
(Signed) [signature] (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 65 13-8
Located on map _____

TWC-0392 (Rev. 06-10-85) TEXAS WATER COMMISSION COPY

4820107599


HOUSTON
GALVESTON
BAY
HARRIS COUNTY
TEXAS

Texas Water Development Board
Well Schedule

State Well Number 6513830 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294722 **Longitude** 952600 **Source of Coords** 2

Owner's Well No. **Location**

Owner
Production Die Casting Co.

Driller
T. C. Bussell & Sons

Address **Tenant/Oper.**

Date Drilled / /1962 **Depth** 310 **Source of Depth** **Altitude** 65 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material**

Completion **Screen Material**

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to_____

LIFT DATA - **Pump Mfr. -** **Type -** SUBMERSIBLE PUMP **No. Stages**

Bowls Diam - **in.** **Setting -** **ft.** **Column Diam. -** **in.**

Motor Mfr. - **Fuel or Power -** ELECTRIC MOTOR **Horsepower -**

YIELD Flow- **GPM** **Pump** **GPM** **Meas.,Rept.,Est.-** **Date-**

WATER USE **Primary -** INDUSTRIAL **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1962
-127

Recorded By _____ **Date Record Collected or Updated -** 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: Screen from 280 to 305 ft.

Aquifer - 112CHCTL **ID -** 15

CHICOT AQUIFER,LOWER

S copy by certified mail to: **Texas Water Commission, P.O. Box 13087, Austin, Texas 78711** *Please use black ink.*

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER W Arron Eng (Name) ADDRESS 8442 Hempstead (Street or RFD) Houston (City) Texas (State) (Zip)

2) LOCATION OF WELL: County Harris, 8 miles in W (NE, SW, etc.) direction from Houston (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ SEE ATTACHED MAP #1.

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 12-12 1990 Completed 12-13 1990

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6½	Surface	385
4½	385	400

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0-22	C	297-315 Rhd
22-50	S	315-372 S & Hd
50-70	C	372-375 C
70-84	S	375-400 S
84-188	C	
188-205	S	
205-218	C	
218-253	S	
253-286	C	
286-297	S	

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	N	PVC	0	385	40
3½	N	PVC 40	385	400	12

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 20 ft. No. of Sacks Used 4
335 ft. to 385 ft. No. of Sacks Used 8
Method used Circ
Cemented by JMC

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☑ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level 254 ft. below land surface Date 12-13-90
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth

13) TYPE PUMP: ☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did the drilling penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

RECEIVED JAN 16 1991 TEXAS WATER COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Lone Star Water Wells Inc (Type or print) WELL DRILLER'S LICENSE NO. 1182

ADDRESS P.O. Box 59 (Street or RFD) Porter (City) Texas (State) 77365 (Zip)

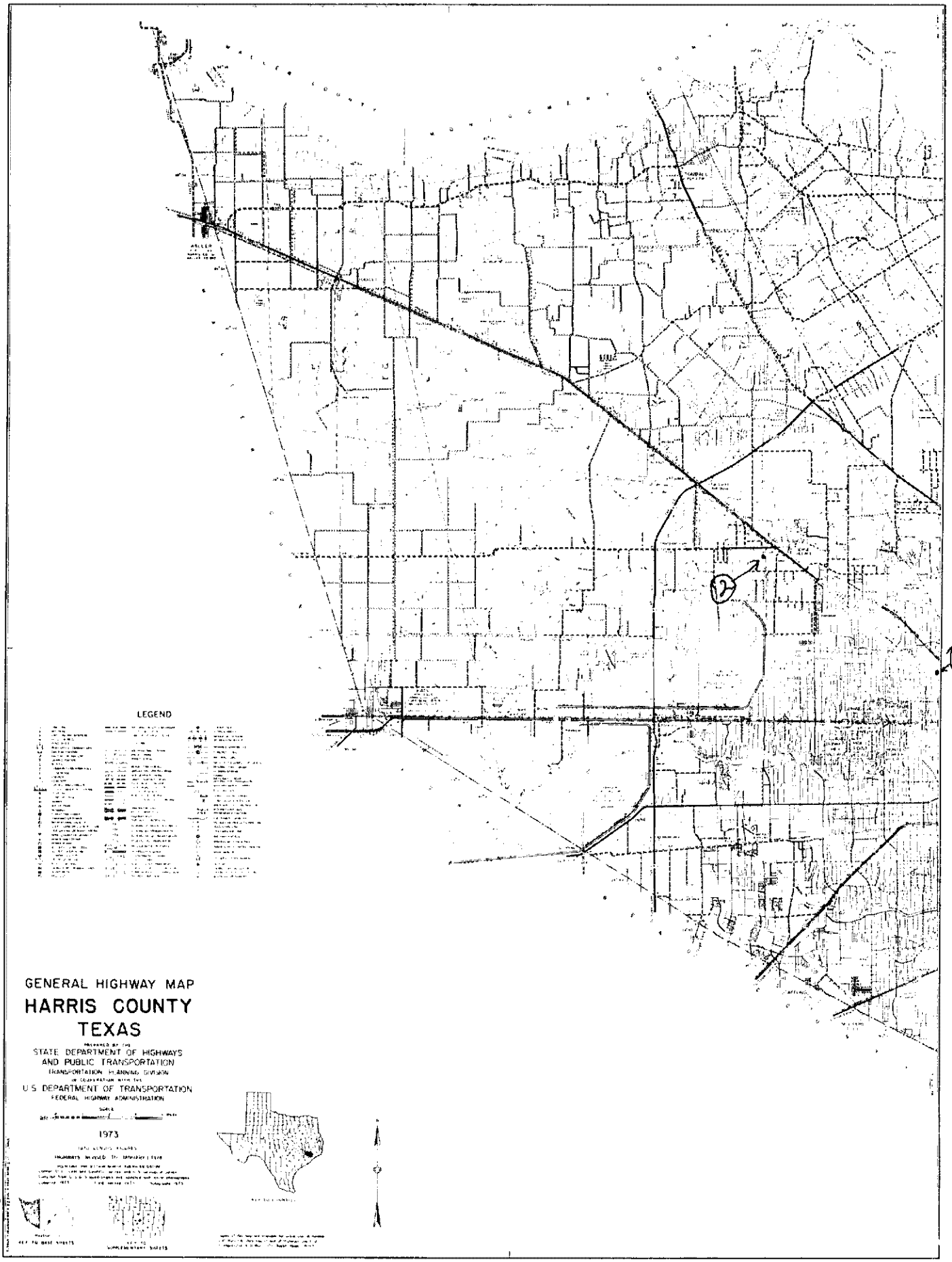
(Signed) Thomas L. Eng (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 6573-4 Located on map _____

WWD-012 (Rev. 09/21/88) TEXAS WATER COMMISSION COPY

482011051


LEGEND
GENERAL HIGHWAY MAP
HARRIS COUNTY
TEXAS
STATE DEPARTMENT OF HIGHWAYS
AND PUBLIC TRANSPORTATION
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
1973
1
2

10/06/2021
03:10:09

Texas Commission on Environmental Quality
DWW Water System Summary Sheet

PWS ID	PWS Name	Central Registry RN
TX1011180	EFCO & CO	RN101208767

Organization/Customer *	Central Registry CN
null	null

*Regulatory mail will be addressed to this organization/person

All Water System Contacts		
Type	**Contact**	**Communication**

Operator Grade	Number

Water Operator Licenses
No Licensing Data for this PWS

Owner Type	Owner Type Options: COUNTY, DISTRICT, FEDERAL GOVERNMENT, INVESTOR OWNED, MUNICIPALITY, NATIVE AMERICAN, PRIVATE, STATE GOVERNMENT, WATER SUPPLY CORPORATION
Private	

System Type	System Type Options: COMMUNITY, TRANSIENT/NON-COMMUNITY, NON-PUBLIC, NON-TRANSIENT/NON-COMMUNITY
NP - NON-PUBLIC	

Population Type	Population Served	# of Connect	# I/C w/other PWS
NonResidential	150	17	0

Total Product (MGD)	Average Daily Consump.	Max Daily Demand (MGD)	Total Storage (MG)	Elev. Storage (MG)	Service Pump Cap.	Max.Purchase Cap. (MGD/GPM)	Pressure Tank Cap. (MG)

Activity Status	Inactivation Date
I - INACTIVE	10/15/2003

Last Survey Date	Surveyor	Survey Type	Region	County
No Site Visit Data				

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP001	TRT-TAP / No Source Listed(I)	PLANT(I)	TP6075		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	423	HYPOCHLORINATION, PRE

(Active Sources)

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth
G1011180A	1	O	324

Code Explanations
Monitoring Type Codes: (GW) GROUNDWATER , (GUP) GROUNDWATER UNDER THE INFLUENCE - PURCHASED , (SWP) SURFACE WATER - PURCHASED , (GU) GROUNDWATER UNDER THE INFLUENCE OF SURFACE WATER , (N) NO SOURCES , (SW) SURFACE WATER
Activity Status Codes: (A) ACTIVE , (D) DELETED/DISSOLVED , (I) INACTIVE , (P) PROPOSED ,
Operational Status Codes: (E) EMERGENCY , (I) INTERIM/PEAK (O) OTHER , (P) PERMANENT , (S) SEASONAL
Source Types: (G) GROUND WATER , (S) SURFACE WATER , (U) GROUND WATER UNDER THE INFLUENCE

- End of Report -

At the time of your query this data was the most current information available from our database, which is in real time. Every effort was made to retrieve it according to your query. Thank-you for using DWW.

Texas Water Development Board
Well Schedule

State Well Number 6513825 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294716 **Longitude** 952618 **Source of Coords** 2

Owner's Well No. **Location**

Owner
Engineers Fabricators Inc.

Driller
Layne Texas Co.

Address **Tenant/Oper.**

Date Drilled / /1957 **Depth** 324 **Source of Depth** **Altitude** 68 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material**

Completion **Screen Material**

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to____

LIFT DATA - **Pump Mfr. -** **Type -** SUBMERSIBLE PUMP **No. Stages**

Bowls Diam - **in.** **Setting -** **ft.** **Column Diam. -** **in.**

Motor Mfr. - **Fuel or Power -** ELECTRIC MOTOR **Horsepower -**

YIELD Flow- **GPM** **Pump** **GPM** **Meas.,Rept.,Est.-** **Date-**

WATER USE **Primary -** INDUSTRIAL **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** **Other Data -**

WATER LEVELS measurement
1957
-130

Recorded By _____ **Date Record Collected or Updated -** 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: Screen from 292 to 318 ft.

Aquifer - 112CHCTL **ID -** 15

CHICOT AQUIFER,LOWER

65.04.9M

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

#2

For TWDB use only
Well No. 65-04-9M
Located on map
Received:

1) OWNER:
Person having well drilled Brookhollow Corporation (Name) Address 9800 MW Freeway (Street or RFD) Houston (City) Texas (State)

Landowner same (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris, 25 miles in W NW (N.E., S.W., etc.) direction from Houston (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

Well is located in Brookhollow West Subdivision on Winfern Rd.

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
X New Well — Deepening — Reconditioning — Plugging

4) PROPOSED USE (Check):
X Domestic — Industrial — Municipal — Irrigation — Test Well — Other

5) TYPE OF WELL (Check):
X Rotary — Driven — Dug — Cable — Jetted — Bored

6) WELL LOG:
Diameter of hole 6 in. Depth drilled 339 ft. Depth of completed well 339 ft. Date drilled Oct 73

All measurements made from 4 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	30	clay
30	38	sand
38	50	clay
50	101	clay sand streaks
101	128	sand
128	155	clay
155	186	sand rock streaks
186	200	clay
200	212	fine sand
212	221	clay
221	252	sand
252	322	clay sand streaks
322	339	sand
339	340	clay

(Use reverse side if necessary)

9) Casing:
Type: Old — X New — X Steel — Plastic — Other

Cemented from 222 ft. to 322 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
0		322	10.89#

10) SCREEN:
Type Pipe based stainless steel ribbed

Perforated — Slotted

Diameter (Inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2¼	326	338	14 Ga.

7) COMPLETION (Check):
X Straight wall — Gravel packed — Other — Under reamed — Open Hole

8) WATER LEVEL:
Static level 145 ft. below land surface Date Oct. 73

Artesian pressure _____ lbs. per square inch Date _____

Depth to pump bowls, cylinder, jet, etc., 212 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes X No If yes, by whom?

Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.

Artesian flow _____ gpm

Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No X

Did any strata contain undesirable water? Yes No X

Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME B.J. Swinehart (Type or Print) Water Well Drillers Registration No. 229

ADDRESS 7524 N. Freeway (Street or RFD) Houston (City) Texas 77037 (State)

(Signed) B.J. Swinehart (Water Well Driller) B.J. Swinehart Co., Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDB-WD-8

482010595

45

65-13-8G

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-8G
Located on map
Received: 25-7

1) OWNER:
Person having well drilled Automation Products, Inc. (Name) Address 3030 Maxroy St. (Street or RFD) Houston (City), 77008 Texas (State)

Landowner _____ (Name) Address _____ (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris, _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

3030 Maxroy

Map no. 65-31-9N

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic ✓ Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6½ in. Depth drilled 287 ft. Depth of completed well 287 ft. Date drilled 11/24/74

All measurements made from 4 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil
3	260	Unconsolidated
260	287	Sand

9) Casing:
Type: Old New ✓ Steel Plastic ✓ Other
Cemented from 209 ft. to 264 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4	0	264	40
2	264	277	40

10) SCREEN:
Type SSR
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2	277	287	.016

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight well ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 87' ft. below land surface Date 11/25/74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 129' ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No ✓
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Carl Russell (Type or Print) Water Well Drillers Registration No. 1581

ADDRESS 5999 Pinemont (Street or RFD) Houston (City) Texas (State)

(Signed) Carl Russell (Water Well Driller) Russell & Son Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

4820107592

84

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-84
Located on map
Received:

1) OWNER:
Person having well drilled General Welding Works (Name) Address 7100 Old Katy Road, Houston, TX (Street or RFD) (City) (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris, _____ miles in _____ direction from _____ (N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

See Reverse Side

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well X, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check): Domestic, Industrial X, Municipal, Irrigation, Test Well, Other

5) TYPE OF WELL (Check): Rotary X, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 4" in. Depth drilled 360' ft. Depth of completed well 360' ft. Date drilled 7-29-75

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
000	24	Surface Clay & Sand
24	48	Loose Red sand
48	72	Loose Red sand
72	96	Sand & Clay
96	120	Clay and Sand
120	144	Sand
144	168	Sand
168	192	Sand
192	216	Sand & Clay
216	240	Sand
240	264	Sand & Clay (Over)

(Use reverse side if necessary)

9) Casing:
Type: Old, New, Steel X, Plastic, Other

Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage

10) SCREEN:
Type Stainless steel rod base

Perforated X, Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
#12 guage screen	345	360	
2½" blank	338	345	

7) COMPLETION (Check):
Straight wall X, Gravel packed, Other, Under reamed, Open Hole

8) WATER LEVEL:
Static level 178 ft. below land surface Date 7-29-75

Artesian pressure _____ lbs. per square inch Date _____

Depth to pump bowls, cylinder, jet, etc., 252' ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No X If yes, by whom?

Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.

Artesian flow _____ gpm

Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No X

Did any strata contain undesirable water? Yes No

Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME R. B. Lowry (Type or Print) Water Well Drillers Registration No. 146

ADDRESS 4012 Fulton; P. O. Box 8707; Houston, TX 77009 (Street or RFD) (City) (State)

(Signed) R B Lowry (Water Well Driller) Lowry Water Wells (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

4820107593

2) LOCATION OF WELL:

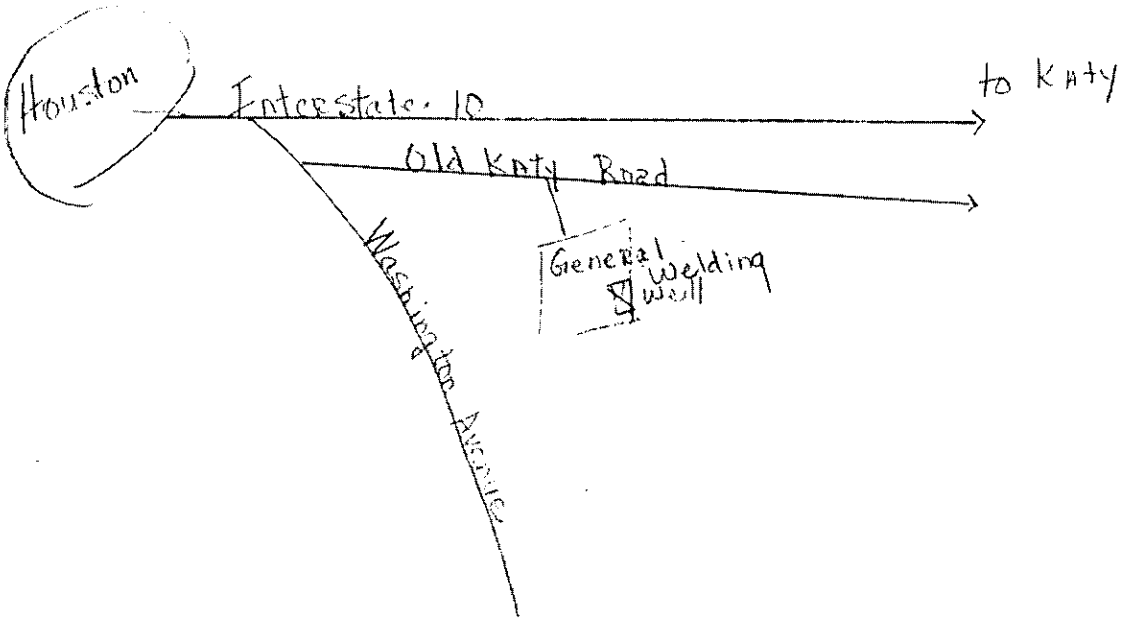
The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area. e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.

264	288	Clay
288	312	Clay & Sand
312	336	Clay & Sand
336	360	Sand



RECEIVED
MAY 25 1976
TEXAS WATER
DEVELOPMENT BOARD

65.13. 8J

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TDWR use only
Well No.
Located on map
Received:

1) OWNER General Weldine Co. (Name) Address 7100 Old Katy Rd. (Street or RFD) Houston (City) TX (State) 77024 (Zip)

2) LOCATION OF WELL:
County Harris, 17 miles in East (N.E., S.W., etc.) direction from Katy (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ See attached map.

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening
☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☐ Domestic ☒ Industrial ☐ Public Supply
☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored
☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 2-28-79

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	248

7) BOREHOLE COMPLETION:
☐ Open Hole ☒ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	24	surface clay & sand
24	48	broken sand
48	72	loose red sand
72	96	sand & clay
96	120	clay & sand
120	144	B/sand
144	168	sand
168	192	sand
192	216	B/ sand & clay
216	240	sand
240	248	sand

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	new	metal casing	0	233	40
2½	new	slotted stainless steel rodbase	233	248	#12

CEMENTING DATA
Cemented from 233 ft. to -0- ft.
Method used Halibirton
Cemented by Lowry Water Wells (Company or Individual)

9) WATER LEVEL:
Static level 120 ft. below land surface Date 3-1-79
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP:
☐ Turbin ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 210 ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME R. B. Lowry (Type or Print) Water Well Drillers Registration No. 146

ADDRESS 1327 Aldine-Mail Rd. (Street or RFD) Houston (City) Texas (State) 77039 (Zip)

(Signed) [signature] (Water Well Driller) Lowry Water Wells (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TDWR-0392

4820107594

2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area, e.g. survey abstract.

Information furnished in Section 2 of the TDWR-0392 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.

RECEIVED
FEB 27 '80
CR/TDWR

.2 mi SINL
.7 mi EIWL

33

Please use black ink.
Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER General Welding (Name) Address 7100 Old Katy Rd. (Street or RFD) Hstn (City) Tx (State) 77024 (Zip)

2) LOCATION OF WELL: Old Katy Rd.
County Harris _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ See attached map. Map on 65-16-4

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☑ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling:
Started 10-15 1986
Completed 10-16 1986

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	430

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	17	Top Soil + Clay
17	35	Surface Sand
35	95	Clay
95	125	Sand + Clay Streaks
125	169	Clay
169	180	Sand
180	200	Clay
200	215	Sand
215	265	Clay
265	274	Sand
274	395	Clay
395	430	Sand

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	To	Gage Casing Screen
4	N	Galvanized	0	405	
2½	N	Galvanized	403	410	
2½	N	PVC	410	420	.014
2½	N	P.V.C.	420	430	.020

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 405 ft. No. of Sacks Used 40
_____ ft. to _____ ft. No. of Sacks Used _____
Method used Halliburton
Cemented by Bussell + Son, Inc.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☑ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 235 ft. below land surface Date 10/16/86
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 55 gpm with 30 ft. drawdown after 2 hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

RECEIVED DEC 01 Texas Water Commission

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Bussell + Son, Inc. (Type or Print) Water Well Driller's License No. 2035

ADDRESS P.O. Box 874 (Street or RFD) Tomball (City) TX (State) 77375 (Zip)

(Signed) Craig Bussell (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 65-16-8
Located on map _____

TWC-0392 (Rev. 06-10-85)

TEXAS WATER COMMISSION COPY

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 838 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 47 00 Longitude - 95 26 44 Source of Coords - 1

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - USGS EUREKA HTS Driller - USGS
UPSIDE

Address _____ Tenant/Oper. _____
Date Drilled - / /1978 Depth - 36 ft. Source of Depth - D Altitude - 65 ft. Source of Alt. - M
Aquifer - 112CHCTU CHICOT AQUIFER,UPPER Well Type - W User -

WELL CONSTRUCTION
Const. Method - _____
Completion - SCREEN
Casing Material - PVC, FIBERGLASS, OTHER PLASTIC
Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To

LIFT DATA - Pump Mfr. _____ Type - _____ No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - Horsepower -
YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____
PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM
Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft
QUALITY (Remarks- _____
WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____
OTHER DATA AVAILAIBLE Water Levels- Quality- Logs- Other Data-
WATER LEVELS Date- 09/18/1978 Measurement- -14.24
Date- 09/23/1996 Measurement- -12.53
Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -
REMARKS -

Aquifer - 112CHCTU
Well No. - 65 13 838

Texas Water Development Board
Well Schedule

State Well Number 6513828 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294705 **Longitude** 952658 **Source of Coords** 2

Owner's Well No. **Location**

Owner
Austin Bros. Steel Co.

Driller
Pomeroy Drilling Co.

Address **Tenant/Oper.**

Date Drilled / /1956 **Depth** 394 **Source of Depth** **Altitude** 70 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material**

Completion **Screen Material**

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to____

LIFT DATA - **Pump Mfr. -** **Type -** TURBINE PUMP **No. Stages**

Bowls Diam - **in.** **Setting -** **ft.** **Column Diam. -** **in.**

Motor Mfr. - **Fuel or Power -** ELECTRIC MOTOR **Horsepower -**

YIELD Flow- **GPM** **Pump** **GPM** **Meas.,Rept.,Est.-** **Date-**

WATER USE **Primary -** INDUSTRIAL **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1956
-158

Recorded By _____ **Date Record Collected or Updated -** 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: Screen from 374 to 394 ft.

Aquifer - 112CHCTL **ID -** 15

CHICOT AQUIFER,LOWER

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 839 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 58 Longitude - 95 26 42 Source of Coords - 1

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - USGS EUREKA HTS Driller - USGS
DOWNSIDE

Address _____ Tenant/Oper. _____
Date Drilled - / /1978 Depth - 55 ft. Source of Depth - D Altitude - 65 ft. Source of Alt. - M
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User -

WELL CONSTRUCTION
Const. Method - _____
Completion - SCREEN
Casing Material - PVC, FIBERGLASS, OTHER PLASTIC
Screen Material - _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (
Open Hole (O)
Cemented from _____ to _____

Diam. (in.)	Setting(feet) From	To
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		

LIFT DATA - Pump Mfr. _____ Type - _____ No. Stages ____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - Horsepower -
YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____
PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM
Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft
QUALITY (Remarks- _____
WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____
OTHER DATA AVAILAIBLE Water Levels- Quality- Logs- Other Data-
WATER LEVELS Date- 09/19/1978 Measurement- -4.48
Date- 09/23/1996 Measurement- -13.72
Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -
REMARKS -

Aquifer - 112CHCT
Well No. - 65 13 839

Texas Water Development Board
Well Schedule

State Well Number 6513832 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294703 **Longitude** 952615 **Source of Coords** 2

Owner's Well No. **Location**

Owner
Houston Materials

Driller
Walker Well Service

Address **Tenant/Oper.**

Date Drilled / /1969 **Depth** 320 **Source of Depth** **Altitude** 67 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material**

Completion **Screen Material**

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to____

LIFT DATA - **Pump Mfr. -** **Type -** SUBMERSIBLE PUMP **No. Stages**

Bowls Diam - **in.** **Setting -** **ft.** **Column Diam. -** **in.**

Motor Mfr. - **Fuel or Power -** ELECTRIC MOTOR **Horsepower -**

YIELD Flow- **GPM** **Pump** **GPM** **Meas.,Rept.,Est.-** **Date-**

WATER USE **Primary -** INDUSTRIAL **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1969
-180

Recorded By _____ **Date Record Collected or Updated -** 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: Screen from 310 to 320 ft.
Yield: 50 gpm with 20 ft. drawdwon when drilled.

Aquifer - 112CHCTL **ID -** 15
CHICOT AQUIFER,LOWER

Texas Water Development Board
Well Schedule

State Well Number 6513804 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294656 **Longitude** 952609 **Source of Coords** 2

Owner's Well No. **Location**

Owner
Spears Co.

Driller
Layne Texas Co.

Address **Tenant/Oper.**

Date Drilled / /1948 **Depth** 260 **Source of Depth** **Altitude** 68 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material**

Completion **Screen Material**

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to_____

LIFT DATA - **Pump Mfr. -** **Type -** TURBINE PUMP **No. Stages**

Bowls Diam - **in.** **Setting -** **ft.** **Column Diam. -** **in.**

Motor Mfr. - **Fuel or Power -** ELECTRIC MOTOR **Horsepower -**

YIELD Flow- **GPM** **Pump** **GPM** **Meas.,Rept.,Est.-** **Date-**

WATER USE **Primary -** INDUSTRIAL **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1950
-90

Recorded By _____ **Date Record Collected or Updated -** 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: Reported 40 ft. of screen.

Aquifer - 112CHCT **ID -** 15

CHICOT
AQUIFER

Texas Water Development Board
Well Schedule

State Well Number 6513831 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294709 **Longitude** 952702 **Source of Coords** 2

Owner's Well No. **Location**

Owner
American Porcelain
Enameling, Inc.

Driller
Lowry Water Wells

Address **Tenant/Oper.**

Date Drilled / /1969 **Depth** 438 **Source of Depth** **Altitude** 71 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material**

Completion **Screen Material**

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to____

LIFT DATA - **Pump Mfr. -** **Type -** SUBMERSIBLE PUMP **No. Stages**

Bowls Diam - **in.** **Setting -** **ft.** **Column Diam. -** **in.**

Motor Mfr. - **Fuel or Power -** ELECTRIC MOTOR **Horsepower -**

YIELD Flow- **GPM** **Pump** **GPM** **Meas.,Rept.,Est.-** **Date-**

WATER USE **Primary** - INDUSTRIAL **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1969
-200

Recorded By _____ **Date Record Collected or Updated -** 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: Screen from 413 to
438 ft.

Aquifer - 112CHCTL **ID -** 15

CHICOT
AQUIFER,LOWER

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 503 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 47 52 Longitude - 95 27 23 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Phillip Carey Manufacturing Co. Driller - W. J. Swinehart

Address _____ Tenant/Oper. _____
Date Drilled - / /1947 Depth - 160 ft. Source of Depth - Altitude - 74 ft. Source of Alt. -
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User -

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (
Open Hole (O)
Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages _____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data-

WATER LEVELS Date- 04/24/1964 Measurement- -131.10
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 09/30/2002

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB R178: Screen from 140 to
160 ft.

Aquifer - 112CHCT
Well No. - 65 13 503

65-13-5E

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT X

For TWDB use only
Well No. 65-13-5E
Located on map
Received: 22
24

1) OWNER:
Person having well drilled FIVE-P PROCESSING LAB. (Name) Address P.O. BOX 12427 (Street or RFD) Houston (City) TX. 77017 (State)

Landowner FIVE-P PROCESSING LAB. (Name) Address P.O. BOX 12427 (Street or RFD) Houston (City) TX. 77017 (State)

2) LOCATION OF WELL:
County HARRIS, 0 miles in ____ (N.E., S.W., etc.) direction from Houston, TX. (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

Drawn on 65-20-24

See attached map

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor ____ League ____

Block ____ Survey ____

Abstract No. ____

(NW¼ NE¼ SW¼ SE¼) of Section ____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic ✓ Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 1/2 in. Depth drilled 420 ft. Depth of completed well 420 ft. Date drilled 6-7-77

All measurements made from 1 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	4	SOIL & FILL
4	108	CLAY-GREY-RED-BLUE
108	121	SAND
121	224	CLAY-RED-WHITE
224	260	SAND-TAN-.008-.010
260	262	ROCK-MEDIUM
262	267	SAND-WHITE-.012
267	345	CLAY-RED & BLUE
345	349	ROCKY
349	368	CLAY-RED
368	374	SAND-.012

(Use reverse side if necessary)

9) Casing:
Type: Old (New) Steel (Plastic) Other
Cemented from 247 ft. to 397 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4	0	397	SCH. 40

10) SCREEN:
Type PLASTIC UNDERGR. WRAPPED ON STEEL PIPE
Perforated Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2 1/2	400	420	.012

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole LEAD SEAL

8) WATER LEVEL:
Static level 227 ft. below land surface Date 6-7-77
Artesian pressure ____ lbs. per square inch Date ____
Depth to pump (bowls) cylinder, jet, etc., 295 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom? BLOWED WITH COMPRESSOR BY DRILLER
Yield: 100 gpm with ____ ft. drawdown after ____ hrs.
Bailer test ____ gpm with ____ ft. drawdown after ____ hrs.
Artesian flow ____ gpm
Temperature of water ____

12) WATER QUALITY:
Was a chemical analysis made? Yes (No)
Did any strata contain undesirable water? Yes (No)
Type of water? ____ depth of strata ____

MYERS SGK-5023-50A # 117320

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN A. PUBURN (Type or Print) Water Well Drillers Registration No. 843

ADDRESS P.O. BOX 45474 (Street or RFD) Houston (City) TX. 77045 (State)

(Signed) John A. Puburn (Water Well Driller) ALMEDA WATER WELL SERV. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-9

4820111116

2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area. e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.

374 - 375	ROCK
375 - 392	CLAY-RED
392 - 420	SAND-WHITE-.010-.014

RECEIVED
SEP 6 19
Texas Water Development Board

.4m. SINL
.1m. WIEL

90 ✓

Please use black ink.
Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER U.S.S. Agri Chemicals (Name) Address 7310 ~~Old~~ KATY Rd (Street or RFD) Hston (City) TX (State) 77034 (Zip)

2) LOCATION OF WELL: 7310 Old KATY Rd.
County HARRIS _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ See attached map. Mapon 60-62-7

3) TYPE OF WORK (Check):
☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 6/26/86

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	460

7) BOREHOLE COMPLETION:
☐ Open Hole ☑ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	18	Top Soil + Clay
18	50	Surface Sand
50	158	Clay
158	185	Sand
185	215	Clay
215	225	Sand
225	265	Clay
265	340	Sand
340	365	Clay
365	390	Sand
390	415	Clay
415	460	Sand

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	GALV.	0	443	
2	N	GALV	434	443	
2	N	PVC	443	460	.014

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 10 ft.
390 ft. to 443 ft.
Method used Haliburton
Cemented by Bussell + Son Inc.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 246 ft. below land surface Date 6/27/86
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

RECEIVED
AUG 19 86
Commission

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Bussell + Son, Inc (Type or Print) Water Well Driller's License No. 2035

ADDRESS P.O. Box 574 (Street or RFD) Tomball (City) TX (State) 77375 (Zip)

(Signed) Craig Bussell (Licensed Water Well Driller) (Signed) David Lagoung (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 65-13-7
Located on map _____

DEPARTMENT OF WATER RESOURCES COPY

TDWR 0392 (12/29/83)

4820107553

Texas Water Development Board
Well Schedule

State Well Number 6513802 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294658 **Longitude** 952720 **Source of Coords** 2

Owner's Well No. **Location**

Owner
Station KATL

Driller
H. L. Jackson Co.

Address **Tenant/Oper.**

Date Drilled / /1949 **Depth** 190 **Source of Depth** **Altitude** 70 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material**

Completion **Screen Material**

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to_____

LIFT DATA - **Pump Mfr. -** **Type -** JET PUMP **No. Stages**

Bowls Diam - **in.** **Setting -** **ft.** **Column Diam. -** **in.**

Motor Mfr. - **Fuel or Power -** ELECTRIC MOTOR **Horsepower -**

YIELD Flow- **GPM** **Pump** **GPM** **Meas.,Rept.,Est.-** **Date-**

WATER USE **Primary -** DOMESTIC **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1949
-85

Recorded By _____ **Date Record Collected or Updated -** 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: Screen from 180 to 190 ft.

Aquifer - 112CHCTU **ID -** 15
CHICOT AQUIFER,UPPER

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-502

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513502
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.816389
Latitude (degrees minutes seconds)	29° 48' 59" N
Longitude (decimal degrees)	-95.416944
Longitude (degrees minutes seconds)	095° 25' 01" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	71
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	259
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1948
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Unused
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	None
Pump Depth (feet below land surface)	
Power Type	
Annular Seal Method	
Surface Completion	
Owner	Mraz Dance Hall
Driller	H. L. Jackson Co.
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178: Reported 10 ft. of screen.

Casing - No Data

Well Tests - No Data

Lithology - No Data

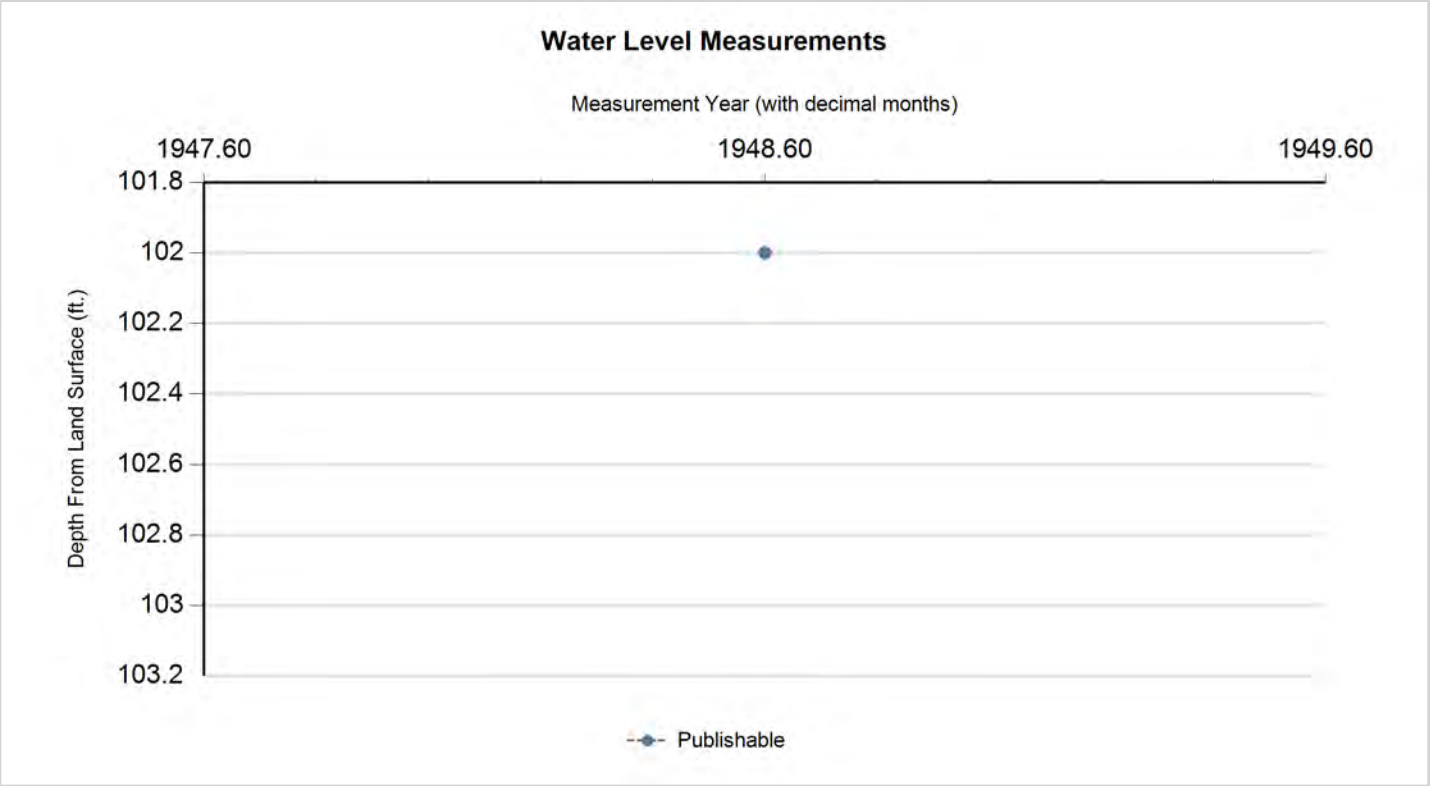
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	8/9/1948		102		-31	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-945

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513945
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.769722
Latitude (degrees minutes seconds)	29° 46' 11" N
Longitude (decimal degrees)	-95.409445
Longitude (degrees minutes seconds)	095° 24' 34" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCTL - Chicot Aquifer, Lowe
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	58
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	321
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1968
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Industrial
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Robo Car Wash
Driller	Almeda Water Well Service
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178: Screen from 301 to 321 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

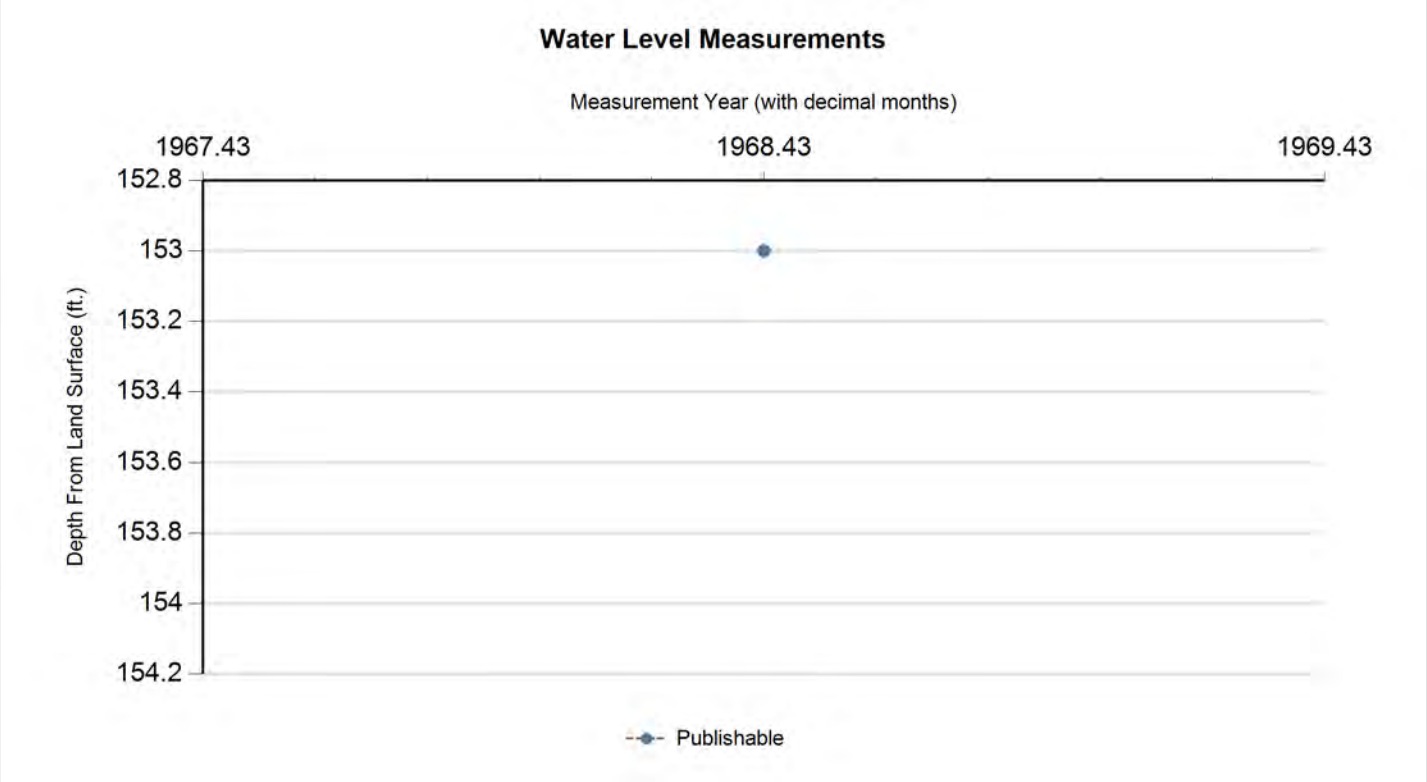
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	6/7/1968		153		-95	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-833

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513833
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.756945
Latitude (degrees minutes seconds)	29° 45' 25" N
Longitude (decimal degrees)	-95.4225
Longitude (degrees minutes seconds)	095° 25' 21" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCTL - Chicot Aquifer, Lowe
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	40
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	633
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1969
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Irrigation
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	J. Ray McDermott
Driller	A. Chrysty Kuhlmann
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178: Screen from 593 to 633 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

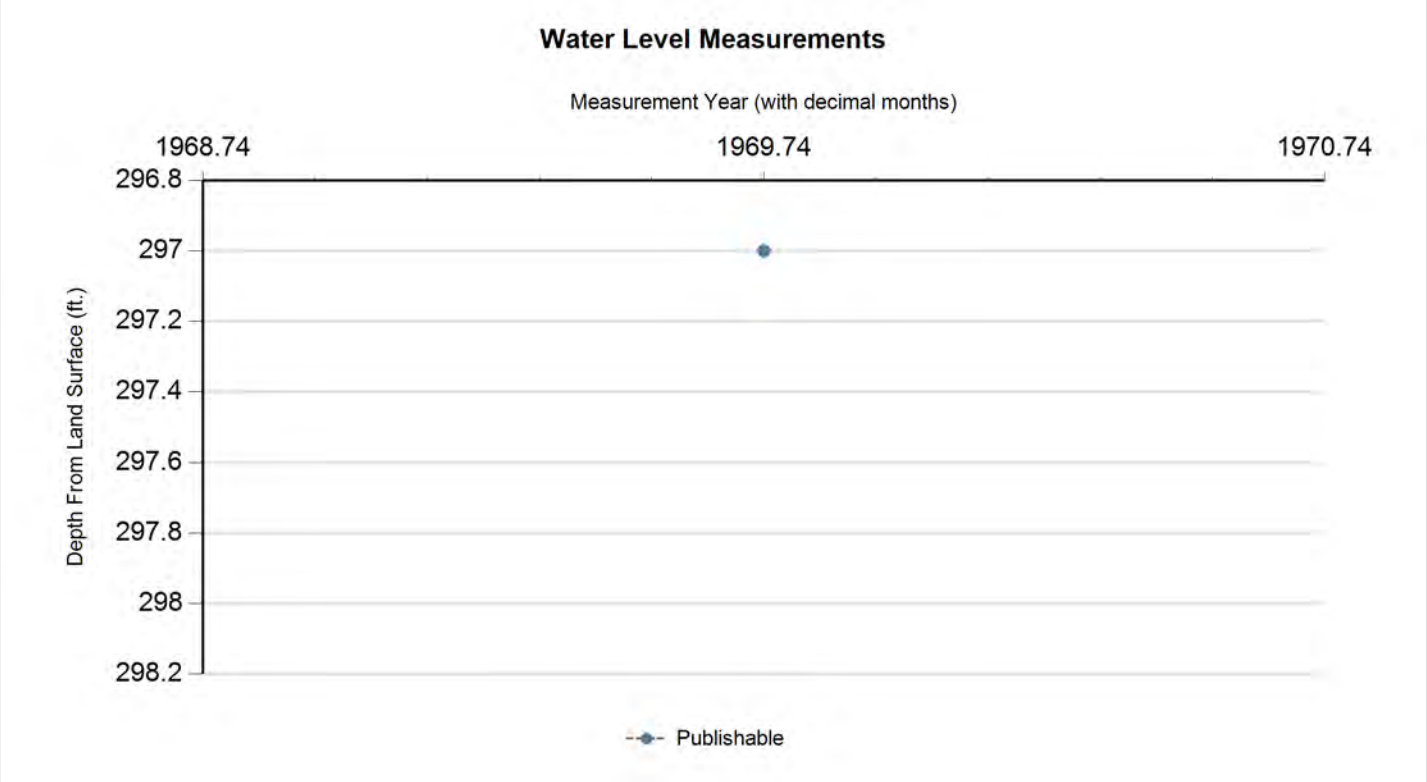
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	8/0/1969		297		-257	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

10/06/2021
03:10:31

Texas Commission on Environmental Quality
DWW Water System Summary Sheet

PWS ID	PWS Name	Central Registry RN
TX1010013	CITY OF HOUSTON Superior	RN101388668

Organization/Customer *	Central Registry CN
CITY OF HOUSTON	CN600128995

*Regulatory mail will be addressed to this organization/person

All Water System Contacts

Type	Contact	Communication	
AC - Administrative Contact - DIRECTOR	HADDOCK, CAROL, ELLINGER PO BOX 1562 HOUSTON, TX 77251-1562	**Phone Type**	**Value**
		BUS - Business	832-393-1000
EC - Emergency Contact - SR ASST DIRECTOR	MOLLY, ANDREW 611 WALKER ST FL 21 HOUSTON, TX 77002-4903	**Phone Type**	**Value**
		BUS - Business	832-395-3785
		MOB - Mobile	713-503-8296
ECS - Emergency Contact - Secondary - COMPLIANCE DIRECTOR	GOODWIN, PHILLIP 611 WALKER ST FL 18 HOUSTON, TX 77002-4903	**Electronic Type**	**Value**
		Phone Type	**Value**
		BUS - Business	832-395-3075
		MOB - Mobile	346-293-5183
FC - Financial Contact - ADMIN ASSISTANT	THORNTON, DEBORAH 611 WALKER ST FL 21 HOUSTON, TX 77002-4903	**Electronic Type**	**Value**
		Phone Type	**Value**
		BUS - Business	832-395-2844
		FAX - Facsimile	832-395-2865
OW - Owner	CITY OF HOUSTON PO BOX 1562 HOUSTON, TX 77251-1562		
PWS - Public Water System Contact - DEPUTY ASSISTANT DIR	SYNATSCHK, JONI 611 WALKER ST FL 18 HOUSTON, TX 77002-4903	**Phone Type**	**Value**
		BUS - Business	832-395-3113
		MOB - Mobile	281-620-9336

Operator Grade	Number
CUSTOMER SERVICE INSPECTOR	1
GROUND WATER TREATMENT OPERATOR Grade B	12
WASTEWATER TREATMENT OPERATOR Grade A	1
WASTEWATER TREATMENT OPERATOR Grade B	1
WATER DISTRIBUTION OPERATOR Grade B	4
BACKFLOW PREVENTION ASSEMBLY TESTER	1
WATER OPERATOR Grade A	16
SURFACE WATER TREATMENT OPERATOR Grade C	12
WASTEWATER TREATMENT OPERATOR Grade C	1
GROUND WATER TREATMENT OPERATOR Grade C	7
SURFACE WATER TREATMENT OPERATOR Grade B	11
WATER DISTRIBUTION OPERATOR Grade C	6

Water Operator Licenses		
License Holder:	BROUSSARD, ADRIAN A	
CURRENT	Class: A - WATER OPERATOR	WO0038854
License Holder:	AMEZQUITA, ROBERTO	
CURRENT	Class: A - WATER OPERATOR	WO0008967
License Holder:	FOOTE, WILLIAM R IV	
CURRENT	Class: A - WATER OPERATOR	WO0036891
License Holder:	BROWN, KENNETH W	
CURRENT	Class: A - WATER OPERATOR	WO0019345
License Holder:	GIRON, YESENIA	
CURRENT	Class: A - WATER OPERATOR	WO0047910
License Holder:	EICKHOFF, JOEY D	
CURRENT	Class: A - WATER OPERATOR	WO0036421
License Holder:	TADLOCK, EDWARD W	
CURRENT	Class: A - WATER OPERATOR	WO0005456
License Holder:	YE, XUERUI J	
CURRENT	Class: A - WATER OPERATOR	WO0035444
License Holder:	THOMAS, PAMELA L	
CURRENT	Class: A - WATER OPERATOR	WO0043983
License Holder:	PERKINS, ROBERT	
CURRENT	Class: A - WATER OPERATOR	WO0043042
License Holder:	VELEZ, CLEMENTE	
CURRENT	Class: A - WATER OPERATOR	WO0035758
License Holder:	GARZA, COSME E JR	
CURRENT	Class: A - WATER OPERATOR	WO0035514
License Holder:	REAVIS, WILLIAM J	
CURRENT	Class: A - WATER OPERATOR	WO0001800
License Holder:	GARDNER, JASON T	
CURRENT	Class: A - WATER OPERATOR	WO0021488
License Holder:	COLE, WILLIAM L JR	
CURRENT	Class: A - WATER OPERATOR	WO0037340
License Holder:	ORTIZ, DAVID	
CURRENT	Class: A - WASTEWATER TREATMENT OPERATOR	WW0017633
License Holder:	GONZALES, RAFAEL K JR	
CURRENT	Class: A - WATER OPERATOR	WO0030574
License Holder:	HARRIS, WALTER SCOTT	
CURRENT	Class: B - WATER DISTRIBUTION OPERATOR	WD0004097
License Holder:	BURTON, CALVIN R	
CURRENT	Class: B - WATER DISTRIBUTION OPERATOR	WD0009221
License Holder:	FREITAG, JAMES LLOYD	
CURRENT	Class: B - GROUND WATER TREATMENT OPERATOR	WG0006690
License Holder:	SMITH, HOWARD P	

CURRENT	Class: B - SURFACE WATER TREATMENT OPERATOR	WS0008634
License Holder:	SNEED, DANIEL H	
CURRENT	Class: B - GROUND WATER TREATMENT OPERATOR	WG0012222
License Holder:	ENGRAV, RUSSELL D	
CURRENT	Class: B - GROUND WATER TREATMENT OPERATOR	WG0000917
License Holder:	OOMMEN, ZACHARIAH	
CURRENT	Class: B - SURFACE WATER TREATMENT OPERATOR	WS0000466
License Holder:	JENG-BULLOCH, KATHLIE S	
CURRENT	Class: B - GROUND WATER TREATMENT OPERATOR	WG0007751
License Holder:	CARRAWAY, FRED A SR	
CURRENT	Class: B - GROUND WATER TREATMENT OPERATOR	WG0012997
License Holder:	SMITH, HOWARD P	
CURRENT	Class: B - GROUND WATER TREATMENT OPERATOR	WG0010936
License Holder:	TURNER, TERRI LYNNE	
CURRENT	Class: B - GROUND WATER TREATMENT OPERATOR	WG0003004
License Holder:	CHRISTIAN, JARRET J	
CURRENT	Class: B - GROUND WATER TREATMENT OPERATOR	WG0017891
License Holder:	FRY, ROY G	
CURRENT	Class: B - WASTEWATER TREATMENT OPERATOR	WW0032309
License Holder:	COLEMAN, REGINALD N	
CURRENT	Class: B - SURFACE WATER TREATMENT OPERATOR	WS0012400
License Holder:	TRUJILLO, KEVIN F	
CURRENT	Class: B - SURFACE WATER TREATMENT OPERATOR	WS0008833
License Holder:	RAMON, MITCHELL PE	
CURRENT	Class: B - WATER DISTRIBUTION OPERATOR	WD0011066
License Holder:	THOMPSON, CHRISTOPHER D	
CURRENT	Class: B - SURFACE WATER TREATMENT OPERATOR	WS0007530
License Holder:	PETTIGREW, KELLY B	
CURRENT	Class: B - GROUND WATER TREATMENT OPERATOR	WG0012798
License Holder:	WILLIAMS, GLORIA A	
CURRENT	Class: B - SURFACE WATER TREATMENT OPERATOR	WS0008832
License Holder:	REMO, TERRANCE A	
CURRENT	Class: B - SURFACE WATER TREATMENT OPERATOR	WS0014579
License Holder:	PEREZ, MARIO P	

CURRENT	Class: B - GROUND WATER TREATMENT OPERATOR	WG0014694
License Holder:	BARKER, SCOTT D	
CURRENT	Class: B - SURFACE WATER TREATMENT OPERATOR	WS0007903
License Holder:	HARRIS, WALTER SCOTT	
CURRENT	Class: B - GROUND WATER TREATMENT OPERATOR	WG0007836
License Holder:	WOODLEY, MARQUES D	
CURRENT	Class: B - SURFACE WATER TREATMENT OPERATOR	WS0013449
License Holder:	WALKER, DARREN W	
CURRENT	Class: B - GROUND WATER TREATMENT OPERATOR	WG0015471
License Holder:	FISER, GREG W	
CURRENT	Class: B - SURFACE WATER TREATMENT OPERATOR	WS0010698
License Holder:	HOHENSEE, KERWIN W	
CURRENT	Class: B - WATER DISTRIBUTION OPERATOR	WD0001458
License Holder:	ROSALES, JUAN A	
CURRENT	Class: B - SURFACE WATER TREATMENT OPERATOR	WS0014253
License Holder:	PARKER, JAMES HENRY	
CURRENT	Class: C - WATER DISTRIBUTION OPERATOR	WD0001315
License Holder:	HORNSBY, HULISHER IV	
CURRENT	Class: C - SURFACE WATER TREATMENT OPERATOR	WS0010700
License Holder:	THOMPSON, CHRISTOPHER D	
CURRENT	Class: C - GROUND WATER TREATMENT OPERATOR	WG0009933
License Holder:	WINSTON, WILLIAM R	
CURRENT	Class: C - SURFACE WATER TREATMENT OPERATOR	WS0007009
License Holder:	ALCANTARA, NIGEL A	
CURRENT	Class: C - GROUND WATER TREATMENT OPERATOR	WG0017554
License Holder:	BROUSSARD, ARNOLD J	
CURRENT	Class: C - SURFACE WATER TREATMENT OPERATOR	WS0013173
License Holder:	MANNING, JOHNATHAN J	
CURRENT	Class: C - SURFACE WATER TREATMENT OPERATOR	WS0012970
License Holder:	WOODRING, DUKE C	
CURRENT	Class: C - WASTEWATER TREATMENT OPERATOR	WW0045040
License Holder:	ALMAGUER, JAIME	
CURRENT	Class: C - SURFACE WATER TREATMENT OPERATOR	WS0014012
License Holder:	VARGHESE, JOHN	

CURRENT	Class: C - SURFACE WATER TREATMENT OPERATOR	WS0010263
License Holder:	COATY, BRYAN K	
CURRENT	Class: C - GROUND WATER TREATMENT OPERATOR	WG0003366
License Holder:	HOHENSEE, KERWIN W	
CURRENT	Class: C - GROUND WATER TREATMENT OPERATOR	WG0004014
License Holder:	CARLSON, EMEIL JR	
CURRENT	Class: C - SURFACE WATER TREATMENT OPERATOR	WS0011163
License Holder:	TAKIE, DESTA G	
CURRENT	Class: C - SURFACE WATER TREATMENT OPERATOR	WS0009468
License Holder:	GERGEIS, FAROUK S	
CURRENT	Class: C - WATER DISTRIBUTION OPERATOR	WD0009023
License Holder:	DEVEAUX, ERIC T SR	
CURRENT	Class: C - WATER DISTRIBUTION OPERATOR	WD0007491
License Holder:	BROOKES, ROGER A	
CURRENT	Class: C - GROUND WATER TREATMENT OPERATOR	WG0004670
License Holder:	CRUZ, JOSHUA J	
CURRENT	Class: C - SURFACE WATER TREATMENT OPERATOR	WS0011901
License Holder:	GARZA, JONATHON XAIVER	
CURRENT	Class: C - GROUND WATER TREATMENT OPERATOR	WG0017660
License Holder:	DANIELS, ANTHONY	
CURRENT	Class: C - WATER DISTRIBUTION OPERATOR	WD0002150
License Holder:	GEORGE, CHANDY M	
CURRENT	Class: C - SURFACE WATER TREATMENT OPERATOR	WS0008565
License Holder:	WILSON, ORLANDO W JR	
CURRENT	Class: C - SURFACE WATER TREATMENT OPERATOR	WS0011921
License Holder:	RODRIGUEZ, CARLOS E	
CURRENT	Class: C - WATER DISTRIBUTION OPERATOR	WD0007497
License Holder:	ARMENDARIZ, GABRIEL	
CURRENT	Class: C - GROUND WATER TREATMENT OPERATOR	WG0016124
License Holder:	COLEMAN, REGINALD N	
CURRENT	Class: C - WATER DISTRIBUTION OPERATOR	WD0006156
License Holder:	VARGAS, CARLOS J	
CURRENT	Class: C - SURFACE WATER TREATMENT OPERATOR	WS0003944
License Holder:	PETTIGREW, KELLY B	
	Class: NONE - BACKFLOW	

CURRENT	PREVENTION ASSEMBLY TESTER	BP0012908
License Holder:	NGUYEN, THONG T	
CURRENT	Class: NONE - CUSTOMER SERVICE INSPECTOR	CI0004228
License Holder:	SABOLSICE, ERIC J	
EXPIRED	Class: A - WATER OPERATOR	WO0003166
License Holder:	CARNEY, MARK RUSSELL	
EXPIRED	Class: A - WATER OPERATOR	WO0014341
License Holder:	HOU, SHENGYI	
EXPIRED	Class: A - WATER OPERATOR	WO0035112
License Holder:	IGBOKWE, EBERE PATRICK	
EXPIRED	Class: B - GROUND WATER TREATMENT OPERATOR	WG0005951
License Holder:	COLE, WILLIAM L JR	
EXPIRED	Class: B - SURFACE WATER TREATMENT OPERATOR	WS0008569
License Holder:	HOLLEY, RUSSELL	
EXPIRED	Class: B - SURFACE WATER TREATMENT OPERATOR	WS0002565
License Holder:	WASHINGTON, TONY CURTIS	
EXPIRED	Class: B - WATER DISTRIBUTION OPERATOR	WD0005223
License Holder:	IGBOKWE, EBERE PATRICK	
EXPIRED	Class: B - SURFACE WATER TREATMENT OPERATOR	WS0005497
License Holder:	ADAMS, BRIDGET N	
EXPIRED	Class: B - WATER DISTRIBUTION OPERATOR	WD0007380
License Holder:	TO, MINH Q	
EXPIRED	Class: B - WATER DISTRIBUTION OPERATOR	WD0006242
License Holder:	GAINES, TIM	
EXPIRED	Class: B - SURFACE WATER TREATMENT OPERATOR	WS0002054
License Holder:	PERKINS, ROBERT	
EXPIRED	Class: B - SURFACE WATER TREATMENT OPERATOR	WS0011267
License Holder:	SOULE, LOUIS J	
EXPIRED	Class: B - WATER DISTRIBUTION OPERATOR	WD0011541
License Holder:	GIRON, YESENIA	
EXPIRED	Class: B - SURFACE WATER TREATMENT OPERATOR	WS0014404
License Holder:	LATHAN, JACKIE H JR	
EXPIRED	Class: C - WATER DISTRIBUTION OPERATOR	WD0000940
License Holder:	TRAN, BINH B	
EXPIRED	Class: C - SURFACE WATER TREATMENT OPERATOR	WS0011865
License Holder:	WALLACE, VIRGIL R	

EXPIRED	Class: C - WATER DISTRIBUTION OPERATOR	WD0002839
License Holder:	FOOTE, WILLIAM R IV	
EXPIRED	Class: C - GROUND WATER TREATMENT OPERATOR	WG0000545
License Holder:	WINSTON, WILLIAM R	
EXPIRED	Class: C - WASTEWATER TREATMENT OPERATOR	WW0025246
License Holder:	DUKE, WILLIAM A JR	
EXPIRED	Class: C - SURFACE WATER TREATMENT OPERATOR	WS0011402
License Holder:	BAILEY, MACELLA ELAINE	
EXPIRED	Class: C - SURFACE WATER TREATMENT OPERATOR	WS0009082
License Holder:	WOODLEY, MARQUES D	
EXPIRED	Class: C - SURFACE WATER TREATMENT OPERATOR	WS0011904
License Holder:	CHRISTIAN, JARRET J	
EXPIRED	Class: C - GROUND WATER TREATMENT OPERATOR	WG0010931
License Holder:	CABALLERO, ARMANDO R	
EXPIRED	Class: C - WATER DISTRIBUTION OPERATOR	WD0004677
License Holder:	ROSALES, JUAN A	
EXPIRED	Class: C - SURFACE WATER TREATMENT OPERATOR	WS0011759
License Holder:	THOMAS, PAMELA L	
EXPIRED	Class: C - SURFACE WATER TREATMENT OPERATOR	WS0007376
License Holder:	SPIDLE, MICHAEL L	
EXPIRED	Class: C - SURFACE WATER TREATMENT OPERATOR	WS0012558
License Holder:	GIRON, YESENIA	
EXPIRED	Class: C - SURFACE WATER TREATMENT OPERATOR	WS0011384
License Holder:	GALLIEN, CRAWFORD J	
EXPIRED	Class: C - WATER DISTRIBUTION OPERATOR	WD0002146
License Holder:	GRISHAM, TIM W	
EXPIRED	Class: C - SURFACE WATER TREATMENT OPERATOR	WS0001074
License Holder:	YUAN, DANIEL T	
EXPIRED	Class: C - WATER DISTRIBUTION OPERATOR	WD0011782
License Holder:	REMO, TERRANCE A	
EXPIRED	Class: C - SURFACE WATER TREATMENT OPERATOR	WS0011940
License Holder:	PEREZ, MARIO P	
EXPIRED	Class: C - WATER DISTRIBUTION OPERATOR	WD0006757
License Holder:	DAHBURA, JOSE G	

EXPIRED	Class: C - GROUND WATER TREATMENT OPERATOR	WG0008715
License Holder:	ALCANTARA, NIGEL A	
EXPIRED	Class: D - WATER OPERATOR	WO0039212
License Holder:	GARZA, JONATHON XAIVER	
EXPIRED	Class: D - WATER OPERATOR	WO0039037
License Holder:	GARCIA, MICHAEL A JR	
EXPIRED	Class: D - WATER OPERATOR	WO0037904
License Holder:	ARMENDARIZ, GABRIEL	
EXPIRED	Class: D - WATER OPERATOR	WO0035511
License Holder:	URESTI, ENRIQUE SR	
EXPIRED	Class: D - WATER OPERATOR	WO0034537
License Holder:	ALMAGUER, JAIME	
EXPIRED	Class: D - WATER OPERATOR	WO0035250
License Holder:	PRESHER, TROY L	
EXPIRED	Class: D - WATER OPERATOR	WO0037396
License Holder:	BROUSSARD, ARNOLD J	
EXPIRED	Class: D - WATER OPERATOR	WO0039570
License Holder:	URESTI, ENRIQUE SR	
EXPIRED	Class: NONE - BACKFLOW PREVENTION ASSEMBLY TESTER	BP0015808
License Holder:	ROSALES RIVERA, FERNANDO	
EXPIRED	Class: NONE - BACKFLOW PREVENTION ASSEMBLY TESTER	BP0015799

Owner Type	Owner Type Options: COUNTY, DISTRICT, FEDERAL GOVERNMENT, INVESTOR OWNED, MUNICIPALITY, NATIVE AMERICAN, PRIVATE, STATE GOVERNMENT, WATER SUPPLY CORPORATION
Municipality	

System Type	System Type Options: COMMUNITY, TRANSIENT/NON-COMMUNITY, NON-PUBLIC, NON-TRANSIENT/NON-COMMUNITY
C - Community	

Population Type	Population Served	# of Connect	# I/C w/other PWS
Residential	2221706	936578	0

Total Product (MGD)	Average Daily Consump.	Max Daily Demand (MGD)	Total Storage (MG)	Elev. Storage (MG)	Service Pump Cap.	Max.Purchase Cap. (MGD/GPM)	Pressure Tank Cap. (MG)
####### MGD	####### MGD	####### MGD Occurred on 08/10/2015	346.58 MG		1795 MGD		0.090 MG

Activity Status	Inactivation Date

A - ACTIVE	

Last Survey Date	Surveyor	Survey Type	Region	County
10/31/2018	DAWN OLIVO	Sanitary Survey	HOUSTON	HARRIS
10/31/2018	CHRISTIAN RINES	Sanitary Survey	HOUSTON	HARRIS
10/31/2018	HEATHER OKEEFE	Sanitary Survey	HOUSTON	HARRIS

(Treatment Plant)

Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP001	TRT-TAP / Surface Water(A)	SWTP - EWPP 1 AND 2 - 12555 CLINTON(A)	TP14834		NO		NO

Train:	Unnamed

(Treatments)

Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	T	125	ACTIVATED CARBON, POWDERED
null	null	D	200	CHLORAMINES
null	null	P	240	COAGULATION
null	null	P	345	FILTRATION, RAPID SAND
null	null	Z	380	FLUORIDATION
null	null	D	401	GASEOUS CHLORINATION, POST
null	null	D	403	GASEOUS CHLORINATION, PRE
null	null	P	600	RAPID MIX
null	null	P	660	SEDIMENTATION
null	null	C	741	PH ADJUSTMENT, POST
null	null	C	742	PH ADJUSTMENT, PRE

(Active Sources)

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
S1010013B	INTAKE 2 - LYNCHBURG RESERVOIR (A)	P	S	N/A	N/A	N/A

Drill Date	Source Summary
None Available	LYNCHBURG RESERVOIR

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.76724	-95.073971	14	04/12/2018	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
S1010013A	INTAKE 1 - TRINITY RIVER CIWA CANAL (A)	P	S	N/A	N/A	N/A

Drill Date		Source Summary					
None Available		TRINITY RIVER					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller			
29.961572	-94.809997	5	04/14/2014	Not Purchasing			
Source Number	Source Name (Activity Status)		Operational Status	Source Type	Depth	Tested GPM	Rated GPM
S1010013C	INTAKE 3 - LAKE HOUSTON (A)		P	S	N/A	N/A	N/A

Drill Date		Source Summary		
None Available		LAKE HOUSTON		
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.916172	-95.141667	43	04/14/2014	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP003	TRT-TAP / Surface Water(A)	SWTP - EWPP 3 - 2300 FEDERAL RD(A)	TP14835		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	T	125	ACTIVATED CARBON, POWDERED
null	null	D	200	CHLORAMINES
null	null	P	240	COAGULATION
null	null	P	345	FILTRATION, RAPID SAND
null	null	P	360	FLOCCULATION
null	null	Z	380	FLUORIDATION
null	null	P	600	RAPID MIX
null	null	P	660	SEDIMENTATION
null	null	C	741	PH ADJUSTMENT, POST
null	null	S	742	PH ADJUSTMENT, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
S1010013A	INTAKE 1 - TRINITY RIVER CIWA CANAL (A)	P	S	N/A	N/A	N/A

Drill Date	Source Summary

None Available		TRINITY RIVER					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller			
29.961572	-94.809997	5	04/14/2014	Not Purchasing			
Source Number	Source Name (Activity Status)		Operational Status	Source Type	Depth	Tested GPM	Rated GPM
S1010013C	INTAKE 3 - LAKE HOUSTON (A)		P	S	N/A	N/A	N/A

Drill Date		Source Summary					
None Available		LAKE HOUSTON					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller			
29.916172	-95.141667	43	04/14/2014	Not Purchasing			
Source Number	Source Name (Activity Status)		Operational Status	Source Type	Depth	Tested GPM	Rated GPM
S1010013B	INTAKE 2 - LYNCHBURG RESERVOIR (A)		P	S	N/A	N/A	N/A

Drill Date		Source Summary		
None Available		LYNCHBURG RESERVOIR		
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.76724	-95.073971	14	04/12/2018	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP054	TRT-TAP / Surface Water(A)	SWTP - EWPP 3 - 2300 FEDERAL RD(A)	TP14835		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	T	125	ACTIVATED CARBON, POWDERED
null	null	D	200	CHLORAMINES
null	null	P	240	COAGULATION
null	null	P	345	FILTRATION, RAPID SAND
null	null	P	360	FLOCCULATION
null	null	Z	380	FLUORIDATION
null	null	P	600	RAPID MIX
null	null	P	660	SEDIMENTATION
null	null	C	741	PH ADJUSTMENT, POST

null	null	S	742	PH ADJUSTMENT, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
S1010013A	INTAKE 1 - TRINITY RIVER CIWA CANAL (A)	P	S	N/A	N/A	N/A

Drill Date	Source Summary
None Available	TRINITY RIVER

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.961572	-94.809997	5	04/14/2014	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
S1010013C	INTAKE 3 - LAKE HOUSTON (A)	P	S	N/A	N/A	N/A

Drill Date	Source Summary
None Available	LAKE HOUSTON

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.916172	-95.141667	43	04/14/2014	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
S1010013B	INTAKE 2 - LYNCHBURG RESERVOIR (A)	P	S	N/A	N/A	N/A

Drill Date	Source Summary
None Available	LYNCHBURG RESERVOIR

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.76724	-95.073971	14	04/12/2018	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP078	TRT-TAP / Surface Water(A)	SWTP - EWPP 3 - 2300 FEDERAL RD(A)	TP14835		NO		NO

Train:	Unnamed

(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment

null	null	T	125	ACTIVATED CARBON, POWDERED
null	null	D	200	CHLORAMINES
null	null	P	240	COAGULATION
null	null	P	345	FILTRATION, RAPID SAND
null	null	P	360	FLOCCULATION
null	null	Z	380	FLUORIDATION
null	null	P	600	RAPID MIX
null	null	P	660	SEDIMENTATION
null	null	C	741	PH ADJUSTMENT, POST
null	null	S	742	PH ADJUSTMENT, PRE

(Active Sources)

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
S1010013A	INTAKE 1 - TRINITY RIVER CIWA CANAL (A)	P	S	N/A	N/A	N/A

Drill Date	Source Summary
None Available	TRINITY RIVER

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.961572	-94.809997	5	04/14/2014	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
S1010013C	INTAKE 3 - LAKE HOUSTON (A)	P	S	N/A	N/A	N/A

Drill Date	Source Summary
None Available	LAKE HOUSTON

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.916172	-95.141667	43	04/14/2014	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
S1010013B	INTAKE 2 - LYNCHBURG RESERVOIR (A)	P	S	N/A	N/A	N/A

Drill Date	Source Summary
None Available	LYNCHBURG RESERVOIR

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.76724	-95.073971	14	04/12/2018	Not Purchasing

(Inactive/Offline Sources)

SourceNumber	Name	Status	Depth

(Treatment Plant)

Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP081	TRT-TAP / Surface Water(A)	SWTP - EWPP 3 - 2300 FEDERAL RD(A)	TP14835		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	T	125	ACTIVATED CARBON, POWDERED
null	null	D	200	CHLORAMINES
null	null	P	240	COAGULATION
null	null	P	345	FILTRATION, RAPID SAND
null	null	P	360	FLOCCULATION
null	null	Z	380	FLUORIDATION
null	null	P	600	RAPID MIX
null	null	P	660	SEDIMENTATION
null	null	C	741	PH ADJUSTMENT, POST
null	null	S	742	PH ADJUSTMENT, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
S1010013A	INTAKE 1 - TRINITY RIVER CIWA CANAL (A)	P	S	N/A	N/A	N/A
Drill Date	Source Summary					
None Available	TRINITY RIVER					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller		
29.961572	-94.809997	5	04/14/2014	Not Purchasing		
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
S1010013C	INTAKE 3 - LAKE HOUSTON (A)	P	S	N/A	N/A	N/A
Drill Date	Source Summary					
None Available	LAKE HOUSTON					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller		
29.916172	-95.141667	43	04/14/2014	Not Purchasing		
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
S1010013B	INTAKE 2 - LYNCHBURG RESERVOIR (A)	P	S	N/A	N/A	N/A
Drill Date	Source Summary					
None Available	LYNCHBURG RESERVOIR					

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.76724	-95.073971	14	04/12/2018	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP082	TRT-TAP / Surface Water(A)	SWTP - EWPP 3 - 2300 FEDERAL RD(A)	TP14835		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	T	125	ACTIVATED CARBON, POWDERED
null	null	D	200	CHLORAMINES
null	null	P	240	COAGULATION
null	null	P	345	FILTRATION, RAPID SAND
null	null	P	360	FLOCCULATION
null	null	Z	380	FLUORIDATION
null	null	P	600	RAPID MIX
null	null	P	660	SEDIMENTATION
null	null	C	741	PH ADJUSTMENT, POST
null	null	S	742	PH ADJUSTMENT, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
S1010013A	INTAKE 1 - TRINITY RIVER CIWA CANAL (A)	P	S	N/A	N/A	N/A

Drill Date	Source Summary
None Available	TRINITY RIVER

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.961572	-94.809997	5	04/14/2014	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
S1010013C	INTAKE 3 - LAKE HOUSTON (A)	P	S	N/A	N/A	N/A

Drill Date	Source Summary
None Available	LAKE HOUSTON

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.916172	-95.141667	43	04/14/2014	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
S1010013B	INTAKE 2 - LYNCHBURG RESERVOIR (A)	P	S	N/A	N/A	N/A

Drill Date	Source Summary
None Available	LYNCHBURG RESERVOIR

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.76724	-95.073971	14	04/12/2018	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP101	TRT-TAP / Surface Water(A)	SWTP - EWPP 3 - 2300 FEDERAL RD(A)	TP14835		NO		NO

Train:	Unnamed

(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	T	125	ACTIVATED CARBON, POWDERED
null	null	D	200	CHLORAMINES
null	null	P	240	COAGULATION
null	null	P	345	FILTRATION, RAPID SAND
null	null	P	360	FLOCCULATION
null	null	Z	380	FLUORIDATION
null	null	P	600	RAPID MIX
null	null	P	660	SEDIMENTATION
null	null	C	741	PH ADJUSTMENT, POST
null	null	S	742	PH ADJUSTMENT, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
S1010013A	INTAKE 1 - TRINITY RIVER CIWA CANAL (A)	P	S	N/A	N/A	N/A

Drill Date	Source Summary
None Available	TRINITY RIVER

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller			
29.961572	-94.809997	5	04/14/2014	Not Purchasing			
Source Number	Source Name (Activity Status)		Operational Status	Source Type	Depth	Tested GPM	Rated GPM
S1010013C	INTAKE 3 - LAKE HOUSTON (A)		P	S	N/A	N/A	N/A

Drill Date	Source Summary
None Available	LAKE HOUSTON

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller			
29.916172	-95.141667	43	04/14/2014	Not Purchasing			
Source Number	Source Name (Activity Status)		Operational Status	Source Type	Depth	Tested GPM	Rated GPM
S1010013B	INTAKE 2 - LYNCHBURG RESERVOIR (A)		P	S	N/A	N/A	N/A

Drill Date	Source Summary
None Available	LYNCHBURG RESERVOIR

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.76724	-95.073971	14	04/12/2018	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP002	TRT-TAP / Surface Water(A)	SWTP - SEWPP - 2600 GENOA(A)	TP14837		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	T	125	ACTIVATED CARBON, POWDERED
null	null	D	200	CHLORAMINES
null	null	P	240	COAGULATION
null	null	P	345	FILTRATION, RAPID SAND
null	null	P	360	FLOCCULATION
null	null	Z	380	FLUORIDATION
null	null	D	401	GASEOUS CHLORINATION, POST
null	null	D	403	GASEOUS CHLORINATION, PRE
null	null	P	600	RAPID MIX
null	null	P	660	SEDIMENTATION
null	null	C	741	PH ADJUSTMENT, POST

null	null	C	742	PH ADJUSTMENT, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
S1010013B	INTAKE 2 - LYNCHBURG RESERVOIR (A)	P	S	N/A	N/A	N/A

Drill Date	Source Summary			
None Available	LYNCHBURG RESERVOIR			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.76724	-95.073971	14	04/12/2018	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
S1010013A	INTAKE 1 - TRINITY RIVER CIWA CANAL (A)	P	S	N/A	N/A	N/A

Drill Date	Source Summary			
None Available	TRINITY RIVER			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.961572	-94.809997	5	04/14/2014	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP127	TRT-TAP / Surface Water(A)	PARK 10 CENTRAL - 1300 LANGHAM CREEK(A)	TP20090		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	461	CHLORINATION (FRDS-1.5)

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013SK	PARK 10 CENTRAL WL 2-1300 LANGHAM CR(NW) (A)	P	G	1626	1700 GPM	1630 GPM

Drill Date		Source Summary		
01/01/1913		CHICOT		
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.732086	-95.635605	81	05/23/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP128	TRT-TAP / Surface Water(A)	PARK 10 WEST - 18324 ADDICKS LEVEE DR(A)	TP20095		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	461	CHLORINATION (FRDS-1.5)

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013SL	PARK 10 WEST WL 3-18324 ADDICKS LEVE(NW) (A)	P	G	1216	1760 GPM	2100 GPM

Drill Date		Source Summary		
01/01/1913		EVANGELINE		
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.788153	-95.669289	101	05/23/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP129	TRT-TAP / Surface Water(A)	PARK 10 EAST - 14315 PARK ROW BLVD(A)	TP20096		NO		NO

Train:	Unnamed

(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	461	CHLORINATION (FRDS-1.5)

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013SM	PARK 10 EAST WL 4 - 14315 PARK ROW (NW) (A)	P	G	1316	764 GPM	1000 GPM

Drill Date	Source Summary			
01/01/1913	EVANGELINE			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.791935	-95.694382	110	05/23/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP130	TRT-TAP / Surface Water(A)	DISTRICT 223 - 13301 SANDBRIDGE(A)	TP20097		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	461	CHLORINATION (FRDS-1.5)

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013SN	DIST 223 WL 1 - 13301 SANDBRIDGE (NW) (A)	P	G	1171	1944 GPM	2210 GPM

Drill Date	Source Summary			
01/01/1913	CHICOT			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.79005	-95.640578	101	05/23/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP134	EWQP / Surface Water(I)	ELLINGTON NORTH - 1139 KIRK(A)	TP20104		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	461	CHLORINATION (FRDS-1.5)

(Active Sources)

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP134	TRT-TAP / Surface Water(I)	ELLINGTON NORTH - 1139 KIRK(A)	TP20104		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	461	CHLORINATION (FRDS-1.5)

(Active Sources)

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point

EP140	TRT-TAP / Surface Water(A)	PLANT FOR RAW WATER TO DEER PARK(A)	TP21004		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	461	CHLORINATION (FRDS-1.5)

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
S1010013B	INTAKE 2 - LYNCHBURG RESERVOIR (A)	P	S	N/A	N/A	N/A

Drill Date	Source Summary			
None Available	LYNCHBURG RESERVOIR			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.76724	-95.073971	14	04/12/2018	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP067	TRT-TAP / Surface Water(A)	PLANT - PARK GLENN 2 - 10923 STANCLIFF(A)	TP21370		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	423	HYPOCHLORINATION, PRE

(Active Sources)

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)

Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP102	TRT-TAP / Surface Water(A)	BRAES UD - (PARKRIDGE) CHLORINATOR 2(A)	TP22055		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	461	CHLORINATION (FRDS-1.5)

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013RJ	BRAES UD WL 2 - 3710 ELDRIDGE (SW) (A)	P	G	880	1889 GPM	870 GPM

Drill Date	Source Summary			
01/01/1913	CHICOT			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.71772	-95.62468	84	05/22/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP032	TRT-TAP / Surface Water(A)	DISTRICT 71 CHLORINATOR 2(A)	TP22057		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	461	CHLORINATION (FRDS-1.5)

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM

G1010013SS	DIST 71 WL 4 - 1410 LAKESIDE ESTATES(NW) (A)	P	G	N/A	1960 GPM	2100 GPM

Drill Date	Source Summary			
01/01/1913				
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.748906	-95.569958	78	05/23/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013DV	DIST 71 WL 2 - 12220 WHITTINGTON (NW) (A)	P	G	1417	880 GPM	1300 GPM

Drill Date	Source Summary			
03/26/1976	EVANGELINE			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.74782	-95.597183	78	05/16/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP047	TRT-TAP / Surface Water(A)	DISTRICT 184 CHLORINATOR 2(A)	TP22058		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	461	CHLORINATION (FRDS-1.5)

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013DT	MANNING 2 - 8101 BOONE RD (SW) (A)	P	G	1440	865 GPM	1000 GPM

Drill Date	Source Summary			
07/12/1979	EVANGELINE			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.690729	-95.57309	75	05/16/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP048	TRT-TAP / Surface Water(A)	PLANT - DISTRICT 218 CHLORINATOR 2(A)	TP22059		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	461	CHLORINATION (FRDS-1.5)

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013FD	DIST 218 WL 2 - 12930 ASHFORD PT (SW) (A)	P	G	1102	972 GPM	1200 GPM

Drill Date		Source Summary		
07/05/1985		EVANGELINE		
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.71962	-95.614227	80	05/17/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP067	TRT-TAP / Surface Water(A)	PARKGLEN 1 CHLORINATOR 3(A)	TP22061		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	461	CHLORINATION (FRDS-1.5)

(Active Sources)

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP003	TRT-TAP / Surface Water(A)	ACRES HOMES - 1810 DOLLY WRIGHT(A)	TP5084		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013F	ACRES HOMES 5 - 9805 W MONTGOMERY (NE) (A)	P	G	1470	1400 GPM	1150 GPM

Drill Date	Source Summary			
01/01/1913	EVANGELINE			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.885117	-95.451523	90	05/17/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013QQ	ACRES HOMES 2B - 1810 DOLLY WRIGHT (NE) (A)	P	G	1050	1980 GPM	1720 GPM

Drill Date	Source Summary			
12/22/1995	EVANGELINE			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.868841	-95.43663	90	05/18/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013SE	ACRES HOMES 2A - 1810 DOLLYWRIGHT (NE) (A)	P	G	1610	1680 GPM	1450 GPM

Drill Date	Source Summary			
11/16/1995	EVANGELINE			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.867589	-95.437958	0	02/04/2010	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013C	ACRES HOMES 2SB - 1810 DOLLY WRIGHT (NE) (A)	P	G	556	900 GPM	1000 GPM

Drill Date		Source Summary					
12/12/1984		CHICOT					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller			
29.867504	-95.43763	90	05/15/2007	Not Purchasing			
Source Number	Source Name (Activity Status)		Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013QR	ACRES HOMES 3A - 2110 ESTHER (NE) (A)		P	G	1641	1300 GPM	1300 GPM

Drill Date		Source Summary					
03/28/1994		EVANGELINE					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller			
29.874556	-95.442128	90	05/16/2007	Not Purchasing			
Source Number	Source Name (Activity Status)		Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013D	ACRES HOMES 3 - 2110 ESTHER (NE) (A)		P	G	1642	1000 GPM	1935 GPM

Drill Date		Source Summary					
05/19/1988		EVANGELINE					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller			
29.874625	-95.441758	90	05/16/2007	Not Purchasing			
Source Number	Source Name (Activity Status)		Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013A	ACRES HOMES 1- 1210 W LITTLE YORK (NE) (A)		P	G	1493	1700 GPM	1975 GPM

Drill Date		Source Summary					
03/07/1968		EVANGELINE					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller			
29.864414	-95.43058	90	05/09/2007	Not Purchasing			
Source Number	Source Name (Activity Status)		Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013E	ACRES HOMES 4 - 2300 ELLINGTON (NE) (A)		P	G	1697	1900 GPM	1250 GPM

Drill Date		Source Summary		
01/01/1913		EVANGELINE		
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.881132	-95.445839	92	05/16/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point

EP019	TRT-TAP / Surface Water(A)	DISTRICT 21 - 15915 GRIGSBY(A)	TP5098		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013EW	DIST 21 WL 1 - 14311 GRISBY (NW) (A)	P	G	1154	1430 GPM	1625 GPM

Drill Date	Source Summary			
10/23/1981	EVANGELINE			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.782259	-95.639877	96	05/16/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP069	TRT-TAP / Surface Water(A)	PARKGLEN WEST - 10630 S KIRKWOOD(A)	TP5100		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013DM	PARKGLEN WEST 1 - 10630 S KIRKWOOD (SW) (A)	P	G	1107	710 GPM	1040 GPM

Drill Date		Source Summary		
12/28/1970		EVANGELINE		
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.660564	-95.585247	82	05/16/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP067	TRT-TAP / Surface Water(A)	PARKGLEN 1 - 10923 STANCLIFF(A)	TP5101		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013CK	PARKGLEN 1 WL 1 - 10923 STANCLIFF (SW) (A)	P	G	998	1150 GPM	1000 GPM

Drill Date		Source Summary		
10/25/1967		CHICOT		
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.660021	-95.572708	81	05/15/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP063	TRT-TAP / Surface Water(A)	MEMORIAL WEST MUD 2 - 16005 KATY FWY(A)	TP5111		NO		NO

Train:	Unnamed

(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013EM	MEM W MUD 2 WL 3 - 16005 KATY FWY (NW) (A)	P	G	1266	1800 GPM	1850 GPM

Drill Date		Source Summary		
05/26/1983		EVANGELINE		
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.78315	-95.663704	96	05/16/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP055	TRT-TAP / Surface Water(A)	KATY ADDICKS - 11500 OLD KATY RD(A)	TP5114		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013AD	KATY ADDICKS 7 - 10907 RIDGEVIEW (NW) (A)	P	G	1557	1450 GPM	2200 GPM

Drill Date		Source Summary		
03/25/1977		EVANGELINE		
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.805603	-95.573044	99	05/10/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM

G1010013AH	KATY ADDICKS 11 -1100 1/2 N ELDRIDGE(NW) (A)	P	G	1685	2200 GPM	2200 GPM

Drill Date	Source Summary			
10/11/1983	EVANGELINE			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.789909	-95.617973	103	05/10/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013Z	KATY ADDICKS 2 - 12210 OLD KATY RD (NW) (A)	P	G	1121	1170 GPM	1900 GPM

Drill Date	Source Summary			
02/18/1970	CHICOT			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.789078	-95.602644	94	05/24/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013Y	KATY ADDICKS 1 - 11500 OLD KATY RD (NW) (A)	P	G	1554	1806 GPM	1100 GPM

Drill Date	Source Summary			
09/20/1968	CHICOT			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.790148	-95.587379	95	05/24/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013SH	KATY ADDICKS 13 - 10981 HAMMERLY (NW) (A)	P	G	1555	1520 GPM	2000 GPM

Drill Date	Source Summary			
11/06/2000	EVANGELINE			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.812419	-95.572839	99	05/23/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013AC	KATY ADDICKS 6 -1800 SHERWOOD FOREST(NW) (A)	P	G	1151	1100 GPM	2100 GPM

Drill Date	Source Summary			
06/09/1976	EVANGELINE			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.80056	-95.578011	99	05/09/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013AG	KATY ADDICKS 10 - 12835 CLAY (NW) (A)	P	G	1181	825 GPM	2100 GPM

Drill Date	Source Summary			
01/11/1980	CHICOT			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller

29.831566	-95.57412	105	05/10/2007	Not Purchasing			
Source Number	Source Name (Activity Status)		Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013SG	KATY ADDICKS 12 - 11060 TIMBERLINE (NW) (A)		P	G	862	2100 GPM	1800 GPM
Drill Date		Source Summary					
03/20/2000		EVANGELINE					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller			
29.793186	-95.577583	94	05/23/2007	Not Purchasing			
Source Number	Source Name (Activity Status)		Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013AF	KATY ADDICKS 9 - 2821 1/2 BRITTMORE (NW) (A)		P	G	1512	1900 GPM	2200 GPM
Drill Date		Source Summary					
04/24/1980		EVANGELINE					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller			
29.824455	-95.570236	101	05/09/2007	Not Purchasing			

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Nun	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP054	TRT-TAP / Surface Water(A)	JERSEY VILLAGE - 7207 FAIRVIEW(A)	TP5126		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)							
Source Number	Source Name (Activity Status)		Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013EC	JERSEY VILLAGE 5 - 13410 SPENCER (NE) (A)		P	G	1418	1528 GPM	1600 GPM
Drill Date		Source Summary					
07/29/1985		EVANGELINE					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller			
29.879913	-95.613426	122	05/16/2007	Not Purchasing			
Source Number	Source Name (Activity Status)		Operational Status	Source Type	Depth	Tested GPM	Rated GPM

G1010013ED	JERSEY VILLAGE 6 - 13082 SPENCER (NE) (A)	P	G	1066	1100 GPM	1600 GPM

Drill Date	Source Summary			
09/05/1986	CHICOT			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.879869	-95.618111	124	05/16/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013EF	JERSEY VILLAGE 8 - 15131 SPENCER (NE) (A)	P	G	1360	1250 GPM	1350 GPM

Drill Date	Source Summary			
01/31/1988	EVANGELINE			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.878777	-95.640419	126	05/16/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013EA	JERSEY VILLAGE 3 - 11905 SPENCER (NE) (A)	P	G	1484	1300 GPM	1200 GPM

Drill Date	Source Summary			
01/01/1913	CHICOT			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.879734	-95.587029	117	05/16/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013EE	JERSEY VILLAGE 7 - 6750 ADDICKS-SAT (NE) (A)	P	G	1350	975 GPM	1100 GPM

Drill Date	Source Summary			
08/28/1989	EVANGELINE			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.876818	-95.632629	124	05/16/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013DY	JERSEY VILLAGE 1 - 7207 FAIRVIEW (NE) (A)	P	G	1475	1420 GPM	1740 GPM

Drill Date	Source Summary			
01/01/1913	CHICOT			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.883015	-95.59684	120	05/16/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013DZ	JERSEY VILLAGE 2 - 11201 SPENCER (NE) (A)	P	G	1446	1200 GPM	2100 GPM

Drill Date	Source Summary			
09/25/1981	CHICOT			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller

29.879822	-95.579692	114	05/16/2007	Not Purchasing			
Source Number	Source Name (Activity Status)		Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013EB	JERSEY VILLAGE 4 - 7012 MAYNARD (NE) (A)		P	G	1410	1650 GPM	1800 GPM
Drill Date		Source Summary					
01/01/1913		EVANGELINE					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller			
29.882149	-95.605637	122	05/16/2007	Not Purchasing			

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP089	TRT-TAP / Surface Water(A)	WHITE OAK - 9702 DEANWOOD(A)	TP5134		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013DL	WHITE OAK 1 - 9702 DEANWOOD (NE) (A)	P	G	948	743 GPM	1200 GPM
Drill Date	Source Summary					
11/04/1970	EVANGELINE					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller		
29.881321	-95.500961	89	05/16/2007	Not Purchasing		

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point

EP085	TRT-TAP / Surface Water(A)	WEST HOUSTON 3 - 14925 S RICHMOND(A)	TP5135		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013FH	WEST HOUSTON WL 1 - 15306 WESTHEIMER(SW) (A)	P	G	800	1250 GPM	1000 GPM
Drill Date	Source Summary					
01/01/1913	CHICOT					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller		
29.73196	-95.654922	95	05/17/2007	Not Purchasing		
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013FI	WEST HOUSTON WL 3 - 14925 S RICHMOND(SW) (A)	P	G	1402	1500 GPM	2000 GPM
Drill Date	Source Summary					
02/11/1982	CHICOT					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller		
29.725691	-95.651932	91	05/17/2007	Not Purchasing		

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP082	TRT-TAP / Surface Water(A)	SPRING BRANCH - 9400 KEMPWOOD(A)	TP5140		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013BO	SPRING BRANCH 2 - 9420 EMNORA (NW) (A)	P	G	1420	1100 GPM	2000 GPM

Drill Date	Source Summary
03/09/1964	EVANGELINE

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.816435	-95.52243	90	05/11/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013BQ	SPRING BRANCH 4 - 4105 CAMPBELL (NW) (A)	P	G	1472	1500 GPM	2250 GPM

Drill Date	Source Summary
01/01/1913	EVANGELINE

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.830702	-95.526634	94	05/15/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013BP	SPRING BRANCH 3A - 9531 KEMPWOOD (NW) (A)	P	G	1430	1500 GPM	2000 GPM

Drill Date	Source Summary
09/10/1988	EVANGELINE

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.821321	-95.529724	95	05/15/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013BN	SPRING BRANCH 1SB - 9400 KEMPWOOD (NW) (A)	P	G	710	1500 GPM	1300 GPM

Drill Date	Source Summary
09/30/1988	CHICOT

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.822252	-95.524254	90	05/11/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013RF	SPRING BRANCH 6A - 4750 BLALOCK (NW) (A)	P	G	1450	1425 GPM	1450 GPM

Drill Date	Source Summary
03/01/1997	EVANGELINE

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.841118	-95.52346	94	05/22/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM

G1010013RE	SPRING BRANCH 4A - 4105 CAMPBELL (NW) (A)	P	G	1488	950 GPM	1400 GPM

Drill Date	Source Summary
01/01/1913	EVANGELINE

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.83074	-95.527046	94	05/22/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP081	TRT-TAP / Surface Water(A)	SOUTHWEST PLANT - 4410 WESTPARK(A)	TP5148		NO		NO

Train:	Unnamed

(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013BD	SOUTHWEST 3SB - 5730 WESTPARK (SE) (A)	P	G	631	1400 GPM	1500 GPM

Drill Date	Source Summary
04/28/1982	CHICOT

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.724932	-95.479958	58	05/11/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013BH	SOUTHWEST 8 - 8700 WESTPARK (SE) (A)	P	G	1445	1245 GPM	2000 GPM

Drill Date	Source Summary
02/24/1947	CHICOT

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.722162	-95.516716	71	05/11/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013BK	SOUTHWEST 11 - 9120 WESTPARK (SE) (A)	P	G	1316	1440 GPM	1200 GPM

Drill Date		Source Summary					
01/01/1913		EVANGELINE					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller			
29.721411	-95.523987	71	05/11/2007	Not Purchasing			
Source Number	Source Name (Activity Status)		Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013BG	SOUTHWEST 6A - 3975 HILLCROFT (SE) (A)		P	G	1174	2292 GPM	2000 GPM

Drill Date		Source Summary					
08/15/1988		EVANGELINE					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller			
29.72365	-95.50071	68	05/11/2007	Not Purchasing			
Source Number	Source Name (Activity Status)		Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013BI	SOUTHWEST 9 - 4410 WESTPARK (SE) (A)		P	G	1031	1319 GPM	1850 GPM

Drill Date		Source Summary					
07/14/1953		CHICOT					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller			
29.72784	-95.451134	61	05/11/2007	Not Purchasing			
Source Number	Source Name (Activity Status)		Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013BE	SOUTHWEST 4A - 6002 WESTPARK (SE) (A)		P	G	1492	1806 GPM	2500 GPM

Drill Date		Source Summary					
01/01/1913		CHICOT					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller			
29.724939	-95.484818	60	05/11/2007	Not Purchasing			
Source Number	Source Name (Activity Status)		Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013BC	SOUTHWEST 3A - 5730 WESTPARK (SE) (A)		P	G	1492	2100 GPM	2100 GPM

Drill Date		Source Summary					
02/12/1981		EVANGELINE					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller			
29.725201	-95.479973	58	05/11/2007	Not Purchasing			
Source Number	Source Name (Activity Status)		Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013BJ	SOUTHWEST 10 - 4426 SW FREEWAY (SE) (A)		P	G	1765	1875 GPM	2050 GPM

Drill Date		Source Summary					
08/04/1953		EVANGELINE					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller			
29.730511	-95.451172	65	05/11/2007	Not Purchasing			

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013BF	SOUTHWEST 5A - 6302 WESTPARK (SE) (A)	P	G	1380	2250 GPM	2500 GPM

Drill Date	Source Summary
12/12/1974	CHICOT

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.724131	-95.492172	65	05/11/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013BB	SOUTHWEST 1A - 5210 WESTPARK (SE) (A)	P	G	1395	2134 GPM	2000 GPM

Drill Date	Source Summary
11/11/1974	CHICOT

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.72621	-95.465881	59	05/11/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP078	TRT-TAP / Surface Water(A)	SIMS BAYOU - 13840 CROQUET(A)	TP5168		NO		NO

Train:	Unnamed

(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013AS	SIMS BAYOU 2 - 13812 1/2 CROQUET (SE) (A)	S	G	1168	1250 GPM	2000 GPM

Drill Date	Source Summary
09/29/1972	CHICOT

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.626711	-95.48172	61	05/10/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM

G1010013AT	SIMS BAYOU 3 - 13825 BLUE RIDGE (SE) (A)	P	G	1182	1741 GPM	2000 GPM

Drill Date	Source Summary
08/22/1972	CHICOT

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.62649	-95.494057	61	05/10/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013AU	SIMS BAYOU 4 - 12445 HODGES (SE) (A)	P	G	1186	2124 GPM	2100 GPM

Drill Date	Source Summary
01/01/1913	CHICOT

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.626169	-95.502632	66	05/10/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP075	TRT-TAP / Surface Water(A)	SHARPSTOWN 1 - 6910 BINTLIFF(A)	TP5176		NO		NO

Train:	Unnamed

(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013CA	SHARPSTOWN 1 WL 1A - 6910 BINTLIFF (SE) (A)	P	G	863	1250 GPM	800 GPM

Drill Date	Source Summary
01/10/1955	CHICOT

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.704392	-95.504342	66	05/15/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP071	TRT-TAP / Surface Water(A)	ROSEWOOD 1 - 12844 WESTHEIMER(A)	TP5178		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP070	TRT-TAP / Surface Water(A)	RIDGEMONT - 15908 RIDGEROE(A)	TP5180		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013EQ	RIDGEMONT 2 - 5230 CASTLE CREEK (SE) (A)	P	G	1216	1597 GPM	1800 GPM

Drill Date	Source Summary			
07/28/1982	CHICOT			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller

29.595209	-95.46212	65	05/16/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013EP	RIDGEMONT 1 - 15908 RIDGEROE (SE) (A)	P	G	1035	486 GPM	800 GPM

Drill Date	Source Summary
09/17/1969	EVANGELINE

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.5921	-95.455048	66	05/16/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP048	TRT-TAP / Surface Water(A)	DISTRICT 218 - 12705 BRANT ROCK(A)	TP5193		NO		NO

Train:	Unnamed

(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013FC	DIST 218 WL 1 - 12705 BRANT ROCK (SW) (A)	P	G	1590	2022 GPM	2000 GPM

Drill Date	Source Summary
10/06/1982	EVANGELINE

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.71459	-95.606949	82	05/17/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point

EP047	TRT-TAP / Surface Water(A)	DISTRICT 184 - 10518 BEECHNUT(A)	TP5195		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013EL	DIST 184 WL 1 - 10518 BEECHNUT (SW) (A)	P	G	1416	1450 GPM	2000 GPM

Drill Date		Source Summary		
02/17/1982		EVANGELINE		
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.692051	-95.564148	74	05/16/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP044	TRT-TAP / Surface Water(A)	DISTRICT 123 - 10003 SOUTH KIRKWOOD(A)	TP5200		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013EK	DIST 123 WL 2 - 10103 BERRY LIMB (SW) (A)	P	G	992	2200 GPM	1500 GPM

Drill Date		Source Summary		
12/16/1981		CHICOT		
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.666414	-95.583869	83	05/16/2007	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013EJ	DIST 123 WL 1 - 10003 S KIRKWOOD (SW) (A)	P	G	1034	1350 GPM	1300 GPM

Drill Date		Source Summary		
11/13/1978		CHICOT		
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.667231	-95.588303	83	10/14/2013	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP042	TRT-TAP / Surface Water(A)	DISTRICT 111 - 2 - 10301 SUN CITY COURT(A)	TP5203		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013El	DIST 111 WL 2 - 10301 SUN CITY CT (SW) (A)	P	G	985	1250 GPM	1100 GPM

Drill Date		Source Summary		
01/14/1974		CHICOT		
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.67408	-95.605659	85	05/16/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP032	TRT-TAP / Surface Water(A)	DISTRICT 71 - 1610 HAYES RD(A)	TP5206		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	200	CHLORAMINES
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013DW	DIST 71 WL 3 - 1610 HAYES (NW) (A)	P	G	965	1181 GPM	1600 GPM
Drill Date	Source Summary					
04/20/1979	CHICOT					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller		
29.75042	-95.576698	79	05/16/2007	Not Purchasing		
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013DV	DIST 71 WL 2 - 12220 WHITTINGTON (NW) (A)	P	G	1417	880 GPM	1300 GPM
Drill Date	Source Summary					
03/26/1976	EVANGELINE					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller		
29.74782	-95.597183	78	05/16/2007	Not Purchasing		
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013SS	DIST 71 WL 4 - 1410 LAKESIDE ESTATES(NW) (A)	P	G	N/A	1960 GPM	2100 GPM
Drill Date	Source Summary					
01/01/1913						
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller		
29.748906	-95.569958	78	05/23/2007	Not Purchasing		

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP028	TRT-TAP / Surface Water(A)	DISTRICT 54 - 8008 RICHMOND(A)	TP5210		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013CU	DIST 54 WL 2 - 8008 RICHMOND (SE) (A)	P	G	1318	1350 GPM	1800 GPM
Drill Date	Source Summary					
01/01/1913	CHICOT					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller		
29.72999	-95.511291	70	05/15/2007	Not Purchasing		
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013CV	DIST 54 WL 3A - 3322 CROSSVIEW (SE) (A)	P	G	1288	2380 GPM	2100 GPM
Drill Date	Source Summary					
01/03/1973	CHICOT					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller		
29.728039	-95.519978	0	07/15/2009	Not Purchasing		

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP006	TRT-TAP / Surface Water(A)	BELLAIRE BRAES - 12423 BELLAIRE BLVD(A)	TP5220		NO		NO

Train:	Unnamed

(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013H	BELLAIRE BRAES 2 - 11331 CARVEL LN (SW) (A)	P	G	1536	1830 GPM	2000 GPM
Drill Date	Source Summary					
01/01/1913	CHICOT					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller		
29.69647	-95.579208	77	05/17/2007	Not Purchasing		
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013RN	BELLAIRE BRAES 6A-8222 S DAIRY ASHFO(SW) (A)	P	G	1642	1950 GPM	1500 GPM
Drill Date	Source Summary					
04/27/1973	CHICOT					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller		
29.687099	-95.605797	84	05/22/2007	Not Purchasing		
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013I	BELLAIRE BRAES 3 - 11811 CORONA LN (SW) (A)	P	G	1266	1450 GPM	2150 GPM
Drill Date	Source Summary					
01/01/1913	CHICOT					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller		
29.695739	-95.586822	79	05/18/2007	Not Purchasing		
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013RO	BELLAIRE BRAES 6B-8222 S DAIRY ASHFO(SW) (A)	P	G	968	2400 GPM	1650 GPM
Drill Date	Source Summary					
02/27/1998	CHICOT					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller		
29.687189	-95.605698	84	05/22/2007	Not Purchasing		
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013K	BELLAIRE BRAES 5 - 12885 CARVEL LN (SW) (A)	P	G	1561	2034 GPM	2100 GPM
Drill Date	Source Summary					
01/01/1913	CHICOT					

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller			
29.69659	-95.608391	83	05/25/2004	Not Purchasing			
Source Number	Source Name (Activity Status)		Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013G	BELLAIRE BRAES 1 - 12423 BELLAIRE (SW) (A)		P	G	1620	2316 GPM	1800 GPM

Drill Date	Source Summary
01/01/1913	CHICOT

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller			
29.70042	-95.598549	81	05/17/2007	Not Purchasing			
Source Number	Source Name (Activity Status)		Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013J	BELLAIRE BRAES 4-7803 S DAIRY ASHFOR(SW) (A)		P	G	1634	1050 GPM	2000 GPM

Drill Date	Source Summary
01/01/1913	CHICOT

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.69285	-95.601891	84	05/25/2004	Not Purchasing

(Inactive/Offline Sources)

SourceNumber	Name	Status	Depth

(Treatment Plant)

Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP009	TRT-TAP / Surface Water(A)	BRAESWOOD - 9100 BOB WHITE(A)	TP5228		NO		NO

Train:	Unnamed

(Treatments)

Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013BV	BRAESWOOD 1 - 9100 BOB WHITE (SE) (A)	P	G	1597	1150 GPM	2100 GPM

Drill Date	Source Summary
01/01/1913	CHICOT

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.678659	-95.502853	60	05/15/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP102	TRT-TAP / Surface Water(A)	BRAES UD - (PARKRIDGE PLANT 1)(A)	TP5233		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013R1	BRAES UD WL 1 - 3710 ELDRIDGE (SW) (A)	P	G	1289	1100 GPM	1139 GPM

Drill Date	Source Summary			
01/01/1913	EVANGELINE			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.717819	-95.624403	84	05/22/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP124	TRT-TAP / Surface Water(A)	INTERWOOD - 116 ALLIANT(A)	TP5248		NO		NO

Train:	Unnamed
(Treatments)	

Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	403	GASEOUS CHLORINATION, PRE
null	null	F	680	SEQUESTRATION

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013SB	INTERWOOD 2 - 116 ALLIANT (NE) (A)	S	G	1680	1920 GPM	2200 GPM

Drill Date	Source Summary			
01/01/1913	EVANGELINE			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.932325	-95.319006	77	05/24/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP122	TRT-TAP / Surface Water(A)	DISTRICT 203 - 1255 GEARS RD(A)	TP5252		NO		NO

Train:	Unnamed

(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013RX	DIST 203 WL1 - 1255 GEARS (NE) (A)	S	G	1050	1736 GPM	1870 GPM

Drill Date	Source Summary			
01/01/1913	EVANGELINE			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.945919	-95.43679	0	05/23/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP120	TRT-TAP / Surface Water(A)	HIA 1 - 3102 MCKAUGHAN(A)	TP5254		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	403	GASEOUS CHLORINATION, PRE
null	null	F	680	SEQUESTRATION

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013RU	HIA 1 WL 1 - 3102 MCKAUGHAN (NE) (A)	P	G	1507	972 GPM	2000 GPM
Drill Date	Source Summary					
11/20/1965	EVANGELINE					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller		
29.981937	-95.345566	94	05/23/2007	Not Purchasing		
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013RV	HIA 1 WL 2 - 18300 JFK BLVD (NE) (A)	P	G	1535	2153 GPM	2100 GPM
Drill Date	Source Summary					
01/14/1997	EVANGELINE					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller		
29.980347	-95.337517	93	05/23/2007	Not Purchasing		

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point

EP112	TRT-TAP / Surface Water(A)	ENCLAVE 2 - 13135 FORKLAND(A)	TP5261		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013RB	ENCLAVE 2 WL 2 - 13135 FORKLAND (NW) (A)	P	G	1200	2100 GPM	1800 GPM

Drill Date		Source Summary		
11/19/1984		CHICOT		
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.758051	-95.621552	88	05/22/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP110	TRT-TAP / Surface Water(A)	DISTRICT 175 - 1206 ARROWHILL(A)	TP5262		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013QZ	DIST 175 WL 1 - 1206 ARROW HILL (NW) (A)	P	G	1286	2010 GPM	2600 GPM

Drill Date		Source Summary					
01/01/1913		EVANGELINE					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller			
29.7661	-95.633751	88	05/18/2007	Not Purchasing			
Source Number	Source Name (Activity Status)		Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013EV	DIST 10 WL 1 - 931 IVY WALL (NW) (A)		P	G	1120	1181 GPM	1035 GPM

Drill Date		Source Summary		
01/01/1913		EVANGELINE		
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.770861	-95.636566	80	05/16/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP103	TRT-TAP / Surface Water(A)	BROOKFIELD - 9007 DAIRY VIEW LN(A)	TP5264		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013DI	DIST 111 WL 1 - 9603 COOK (SW) (A)	P	G	1175	1017 GPM	1075 GPM

Drill Date		Source Summary					
01/01/1913		CHICOT					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller			
29.674753	-95.595006	85	05/16/2007	Not Purchasing			
Source Number	Source Name (Activity Status)		Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013DR	BROOKFIELD 1 - 9007 DAIRY VIEW LN (SW) (A)		P	G	866	1444 GPM	652 GPM

Drill Date	Source Summary

01/01/1913		CHICOT		
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.68133	-95.599823	84	05/16/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP086	TRT-TAP / Surface Water(A)	DISTRICT 49 - 1 (WESTBURY 1) - 10902 MOO(A)	TP5265		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013CM	DIST 49 WESTBURY 1 - 10902 MOONLIGHT(SE) (A)	P	G	1724	2200 GPM	1600 GPM

Drill Date		Source Summary		
06/15/1955		EVANGELINE		
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.66188	-95.475571	62	05/15/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP126	TRT-TAP / Surface Water(A)	DISTRICT 266 - 4950 AEROPARK DR(A)	TP6776		NO		NO

Train:	Unnamed

(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	361	4-LOG TREATMENT OF VIRUSES
null	null	D	423	HYPOCHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010013SD	DIST 266 WL 1- 4950 AEROPARK (NE) (A)	S	G	1088	1970 GPM	2000 GPM

Drill Date	Source Summary			
07/30/1985	CHICOT			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.934759	-95.314537	78	05/23/2007	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

Code Explanations
Monitoring Type Codes: (GW) GROUNDWATER , (GUP) GROUNDWATER UNDER THE INFLUENCE - PURCHASED , (SWP) SURFACE WATER - PURCHASED , (GU) GROUNDWATER UNDER THE INFLUENCE OF SURFACE WATER , (N) NO SOURCES , (SW) SURFACE WATER
Activity Status Codes: (A) ACTIVE , (D) DELETED/DISSOLVED , (I) INACTIVE , (P) PROPOSED ,
Operational Status Codes: (E) EMERGENCY , (I) INTERIM/PEAK (O) OTHER , (P) PERMANENT , (S) SEASONAL
Source Types: (G) GROUND WATER , (S) SURFACE WATER , (U) GROUND WATER UNDER THE INFLUENCE

- End of Report -

At the time of your query this data was the most current information available from our database, which is in real time. Every effort was made to retrieve it according to your query. Thank-you for using DWW.

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 401 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 47 39 Longitude - 95 27 42 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Westview

Driller - Layne Texas

Address _____ Tenant/Oper. _____
Date Drilled - 02/21/1949 Depth - 598 ft. Source of Depth - D Altitude - 73 ft. Source of Alt. - M
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____
Completion - _____
Casing Material - _____
Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data-

WATER LEVELS Date- 02/21/1949 Measurement- -118.60
Date- 06/16/1960 Measurement- -164.60

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CHCT
Well No. - 65 13 401

65-13-8B Dup

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-8B
Located on map yes
Received: 75

1) OWNER:
Person having well drilled O.T.M. Corp. (Name) Address P.O. Box 7722 (Street or RFD) Houston (City), 77007 (State)

Landowner Same (Name) Address 7430 Katy Rd. (Street or RFD) Houston (City) (State)

2) LOCATION OF WELL:
County Harris, _____ miles in W (N.E., S.W., etc.) direction from Houston (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

See map.

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): (New Well) Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic (Industrial) Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): (Rotary) Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6½ & 4½ in. Depth drilled 389 ft. Depth of completed well 389 ft. Date drilled 11-11-74

All measurements made from 1 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	3	Soil + fill
3	7	Clay - Sandy - grey
7	27	Clay - white
27	55	Sand - Brown - .008
55	137	Clay - brown to blue
137	142	Sand - white - .010
142	162	Clay - red
162	166	Sand - brown - .008
166	169	Clay
169	180	Sand + gravel
180	212	Clay - blue
Over		(Use reverse side if necessary)

9) Casing:
Type: Old (New) (Steel) Plastic Other

Cemented from 260 ft. to 360 ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4"	0	360	Std.

10) SCREEN:
Type plastic on steel - underdrain

Perforated Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2½	369	389	.012

7) COMPLETION (Check):
(Straight wall) Gravel packed Other
Under reamed Open Hole lead seal

8) WATER LEVEL:
Static level 225 ft. below land surface Date 11-13-75

Artesian pressure _____ lbs. per square inch Date _____

Depth to pump (bowls), cylinder, jet, etc., 315 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom? Blanchard with compressor by drillers

Yield: 75 gpm with _____ ft. drawdown after _____ hrs.

Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.

Artesian flow _____ gpm

Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes (No)

Did any strata contain undesirable water? Yes (No)

Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME John A. Pyburn (Type or Print) Water Well Drillers Registration No. 843

ADDRESS P.O. Box 45474 (Street or RFD) Houston (City), Texas 77045 (State)

(Signed) John A. Pyburn (Water Well Driller) Almeda Water Well Service (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

2)LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

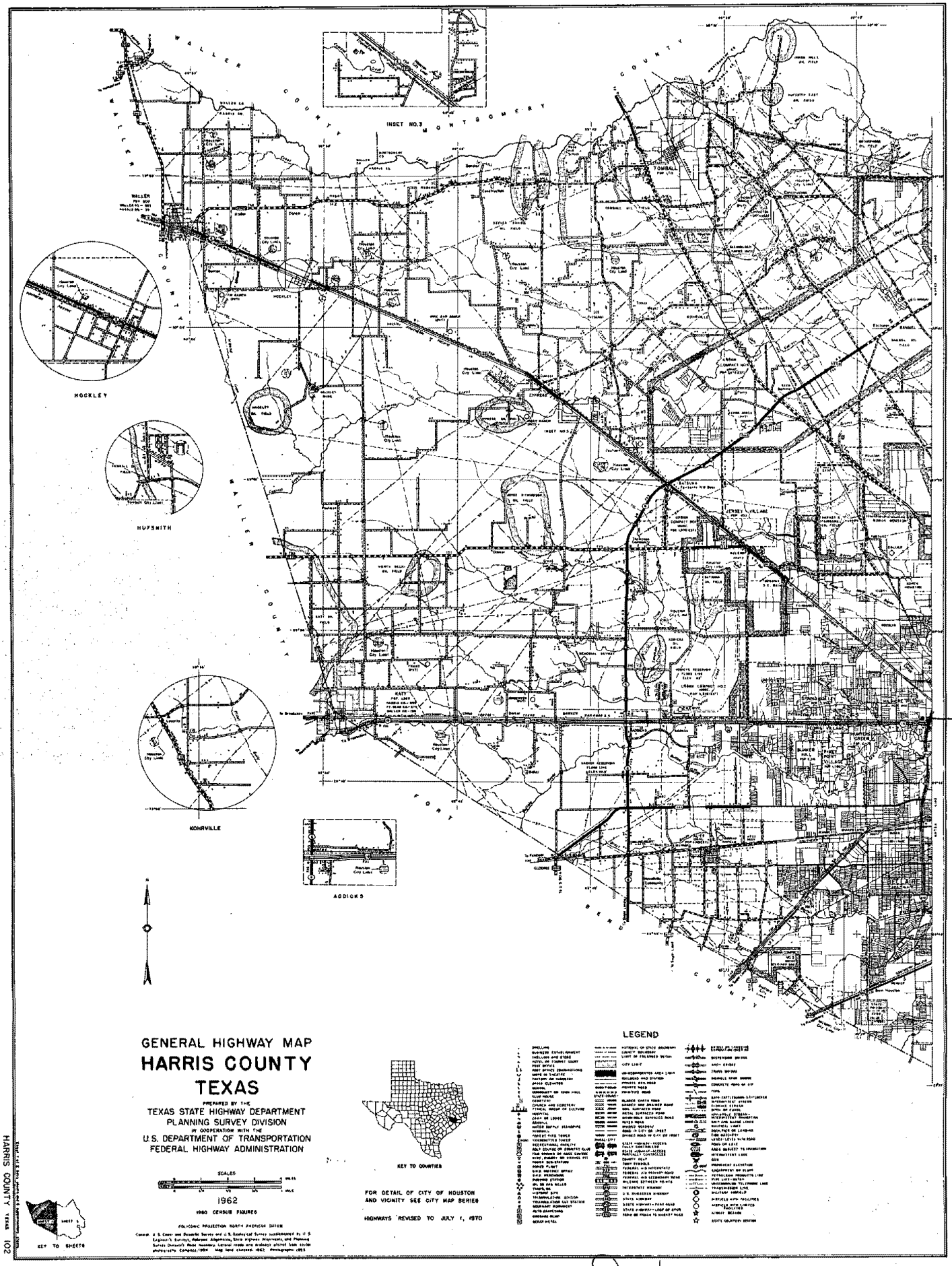
When giving a legal description include a sketch showing location of the well within the described area. e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.

212 - 222	Sand - white - .012
222 - 229	Clay - blue
229 - 276	Sand - white - .012 to .014
276 - 297	Clay - blue
297 - 325	Sand - white - .012 to .016
325 - 332	Clay - brown
332 - 341	Sand - white - .016
341 - 360	Clay - red
360 - 389	Sand - tan - .012
389 -	Clay

RECEIVED
AUG 15 1975
TEXAS WATER
DEVELOPMENT BOARD

RECEIVED
JAN 20 1976
Texas Water Development Board


INSET NO.3
HOCKLEY
HUFSMITH
KOHRVILLE
ADDICKS
TOMBALL
CHANEY
KATY
GLOSHE
BELLAIRE
O.T.M.
GENERAL HIGHWAY MAP
HARRIS COUNTY
TEXAS
PREPARED BY THE
TEXAS STATE HIGHWAY DEPARTMENT
PLANNING SURVEY DIVISION
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
SCALES
1962
1960 CENSUS FIGURES
POLYCONIC PROJECTION NORTH AMERICAN DATUM
KEY TO SHEETS
KEY TO COUNTIES
FOR DETAIL OF CITY OF HOUSTON AND VICINITY SEE CITY MAP SERIES
HIGHWAYS REVISED TO JULY 1, 1970
LEGEND
HARRIS COUNTY TEXAS 102

65-13-8B Dup

10/06/2021
03:10:15

Texas Commission on Environmental Quality
DWW Water System Summary Sheet

PWS ID	PWS Name	Central Registry RN
TX1010937	WYMAN GORDON FORGINGS SILBER RD	RN104424072

Organization/Customer *	Central Registry CN
WYMAN-GORDON FORGINGS LP	CN600129167

*Regulatory mail will be addressed to this organization/person

All Water System Contacts		
Type	**Contact**	**Communication**
OW - Owner	WYMAN-GORDON FORGINGS LP PO BOX 40456 HOUSTON, TX 77240-0456	

Operator Grade	Number

Water Operator Licenses
No Licensing Data for this PWS

Owner Type	Owner Type Options: COUNTY, DISTRICT, FEDERAL GOVERNMENT, INVESTOR OWNED, MUNICIPALITY, NATIVE AMERICAN, PRIVATE, STATE GOVERNMENT, WATER SUPPLY CORPORATION
Private	

System Type	System Type Options: COMMUNITY, TRANSIENT/NON-COMMUNITY, NON-PUBLIC, NON-TRANSIENT/NON-COMMUNITY
NP - NON-PUBLIC	

Population Type	Population Served	# of Connect	# I/C w/other PWS
NonResidential	25	3	0

Total Product (MGD)	Average Daily Consump.	Max Daily Demand (MGD)	Total Storage (MG)	Elev. Storage (MG)	Service Pump Cap.	Max.Purchase Cap. (MGD/GPM)	Pressure Tank Cap. (MG)

Activity Status	Inactivation Date
I - INACTIVE	10/26/1993

Last Survey Date	Surveyor	Survey Type	Region	County
No Site Visit Data				

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP001	TRT-TAP / No Source Listed(A)	CAMERON FORGED PRODU(I)	TP5963		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	T	141	AERATION, CASCADE
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth
G1010937A	1	O	1568

Code Explanations
Monitoring Type Codes: (GW) GROUNDWATER , (GUP) GROUNDWATER UNDER THE INFLUENCE - PURCHASED , (SWP) SURFACE WATER - PURCHASED , (GU) GROUNDWATER UNDER THE INFLUENCE OF SURFACE WATER , (N) NO SOURCES , (SW) SURFACE WATER
Activity Status Codes: (A) ACTIVE , (D) DELETED/DISSOLVED , (I) INACTIVE , (P) PROPOSED ,
Operational Status Codes: (E) EMERGENCY , (I) INTERIM/PEAK (O) OTHER , (P) PERMANENT , (S) SEASONAL
Source Types: (G) GROUND WATER , (S) SURFACE WATER , (U) GROUND WATER UNDER THE INFLUENCE

- End of Report -

At the time of your query this data was the most current information available from our database, which is in real time. Every effort was made to retrieve it according to your query. Thank-you for using DWW.

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 717 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 47 09 Longitude - 95 27 44 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Cooper Industries
Cameron FRGD Div.

Driller - Texas Water Wells

Address _____ Tenant/Oper. _____
Date Drilled - / /1960 Depth - 1,568 ft. Source of Depth - Altitude - 72 ft. Source of Alt. - M
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 130710

WELL CONSTRUCTION
Const. Method - _____
Completion - _____
Casing Material - _____
Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) Setting(feet) From To

LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages ____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 125

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- Y Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -
176 ft of screen between 970 and
1565 ft. Reported yield 750 gpm
with 50 ft drawdown when drilled.

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-806

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

1:24000

Record by C.W. BONNET / P. LIVINGSTON 6-18-32 Source of data FILE Date 6-13-68 Map HOUSTON HEIGHTS 1955

State TEXAS [48] County (or town) HARRIS [LJ]

Latitude: 294658 N/S Longitude: 0952727 Sequential number: 1

Lat-long accuracy: 1 T. N S, R E W, Sec , k, k, k

Local well number: LJ-65-13-806 Other number: B & M 523

Local use: Owner or name: M.L. HILTON KATY RD. HOUSTON, TEXAS

Owner or name: M. L. HILTON Address:

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [P]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mnd, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other [U]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [Z]

DATA AVAILABLE: Well data Freq. W/L meas.: NONE Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: NONE Pumpage inventory: yes no, period:

Aperture cards: yes

Log date:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 60 ft 60 Meas. rept accuracy [6]

Depth cased (first perf.): — ft Casing type: S; Diam. 4 in [4]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other

Date Drilled: — Pump intake setting: ft

Driller: M.L. HILTON (name), (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other [P] Deep Shallow

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. Trans. or water no.

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: 70 70 Accuracy (source): TOPO 5' [3]

Water Level — ft above below MP; Ft above below LSD Accuracy:

Date meas: Yield: gpm Method determined

Drawdown: ft Accuracy: Pumping period hrs

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard. ppm

Sp. Conduct K x 10^6 Temp. °F Date sampled

Taste, color, etc.

Well No. LJ-65-13-806

Well No. LJ-65-13-806

Latitude-longitude 29.46.58° S 95.27.27
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: COASTAL PLAIN 03 (20–21) Section: _____

F (22) Drainage Basin: _____ S I R (23–25) Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (Φ) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series Q (28–29) _____ aquifer, formation, group C U (30–31)

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: _____ ft (38–40) Depth to top of: _____ ft (41–43)

MINOR AQUIFER: _____ system, _____ series (44–45) _____ aquifer, formation, group (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: _____

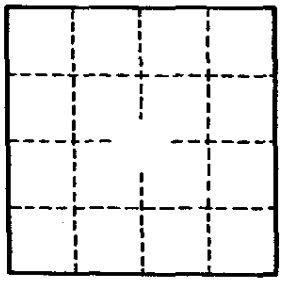
Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

Coefficient Trans: _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)



Well No. LJ-65-13-806

GPO 857-700

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: JESTER APARTMENT PARTNERS ADDRESS: 2700 POST OAK SUITE 2450 CITY: HOUSTON STATE: TX ZIP: 77056-

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-13-08
Street or RFD: 701 T.C. JESTER SUBUBSIDENCE DISTRICT WELL # 8849
City, State, Zip code: HOUSTON , TX 77008-

5)

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: IRRIGATION
If Public Supply well, were plans submitted to the TNRCC? N^

6) WELL LOG: 00552

DATE DRILLING:
STARTED: 01/14/02
COMPLETED: 03/05/02

DIAMETER OF HOLE

DIAMETER	FROM	TO
7.75	-0-	381
4.75	381	393

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: TWO-STRING
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	PVC WELL CASING	+2	381	SDR-17
2.5	N	PVC BLANK PIPE	376	382	SCH 80
2.5	N	STAINLESS ROD BASE	382	392	8 GA
2.5	N	NIP W/BACKWASH VALVE	392	393	SCH 80

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	20	FILL DIRT, CLAY BREAK, ROCK HARD ROCK
20	60	CLAY SAND RED CLAY
60	80	RED CLAY GRAY CLAY
80	138	SAND
138	177	CLAY, SAND, CLAY SAND SHALE,
177	230	SAND
230	262	CLAY
262	294	SAND SAND ROCK SAND
294	320	ROCK CLAY CLAY
320	340	SHALE, ROCK SAND
340	360	SHALE, ROCK SANDY SHALE
360	378	SHALE,
378	392	SAND SAND SAND
392	393	CLAY

9) CEMENTING DATA:

Cemented from				No. of Sacks Used
381 FT.	TO 200	FT.		18
1 FT.	TO 20	FT.		4

Method used: HALLIBURTON METHOD
Cemented by: GDI LOWER PRESSURED
Distance to septic field lines: n/a ft.
Method of verification of above distance:
NONE TO INSTALL

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 214 FT. DATE: 01/15/02
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
FORMATIOM PACKER	20
BP-SEAL	376

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 320

14) WELL TEST:
JETTED
YIELD: 75 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 14 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: GEOPHYSICAL DRILLING,INC. WATER WELL DRILLER'S LICENSE NO.: 2888 WI
ADDRESS: P.O. BOX 664 CITY: FULSHEAR STATE: TX ZIP CODE: 77441

FOR TWC USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Greg D. Hill (LICENSED WATER WELL DRILLER)

(signed) Travis Otto (REGISTERED DRILLER TRAINEE)

RECEIVED
TDLR MAIL ROOM C3
MAR 15 2002
4820120192

WRD Exp. (GW)
April 1966

Well No. J-65-13-714

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by GABRYSCH 7-1-63 (C.W. BONNET) Source of data FILE Date 6-11-68 Map HOUSTON HEIGHTS 1955 1:24000

State TEXAS [48] County (or town) HARRIS [LJ]

Latitude: 294713 N S ✓ Longitude: 095275 1 ✓ Sequential number: [1]
deg 7 min 9 sec 11 — 12 degrees 15 min sec 19

Lat-long accuracy: [1] T. N S, R E W, Sec , k, k, k

Local well number: LJ-65-13-714 Other number: B & M

Local use: Owner or name: CAMERON IRON WORKS WELL #3

Owner or name: CAMERON IRON CO Address: HOUSTON, TEXAS

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [N]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mud, (N) Ind, (P) F S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other [N]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [W]

DATA AVAILABLE: Well data [ ] Freq. W/L meas.: [ ] Field aquifer char. [ ]

Hyd. lab. data: [ ]

Qual. water data; type: [ ]

Freq. sampling: NONE [ ] Pumpage inventory: yes no, period: [ ]

Aperture cards: yes [ ]

Log data: E-LOG T-26 D-LOG [ED]

WELL-DESCRIPTION CARD

[SAME AS ON MASTER CARD] Depth well: 992 ft [992] Meas. rep. DRILLER accuracy [3]

Depth cased (first perf.): 770 ft [770] Casing type: S; Diam 10 3/4 - 6 5/8 in [10]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other [S]

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other [H]

Date Drilled: 6-49 [949] Pump intake setting: ft

Driller: LAYNE-TEXAS CO. HOUSTON, TEXAS (name, address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (W) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other [ ] Deep Shallow

Power (type): diesel, elec, gas (nat), gasoline, hand, gas (LP), wind; H.P. [ ] Trans. or meter no.

Descrip. MP ft above/below LSD, Alt. MP

Alt. LSD: 72 [72] Accuracy (source): TOPO 5' [3]

Water Level: 140 ft above/below MP; Ft above/below LSD [140] Accuracy: REPT. [D]

Date meas.: W.D. [649] Yield: 225-317 gpm Method determined

PL 175' Drawdown: 35 ft [35] Accuracy: REPT. [3] Pumping period: 5 hrs

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard. ppm

Sp. Conduct K x 10^6 Temp. °F Date sampled

Taste, color, etc.

Well No. LJ-65-13-714

Well No. LJ-65-13-714

Latitude-longitude 29 47 13 N 95 27 51
(d m s d m s)

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: COASTAL PLAIN [0 3] (20–21) Section: _____

[F] (22) Drainage Basin: _____ [5 1 R] (23–25) Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series [T] (28–29) _____ aquifer, formation, group [E] (30–31)

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: 60 ft [6 0] (38–40) Depth to top of: _____ ft (41–43)

MINOR AQUIFER: _____ system, _____ series (44–45) _____ aquifer, formation, group (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: 770-790; 875-885; 920-940; 980-990'

Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

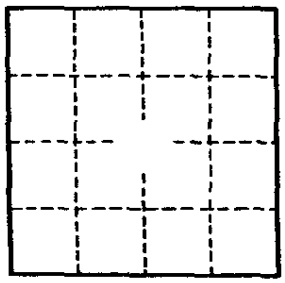
Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

Coefficient Trans: _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)

760' - 10 3/4" CSG,

660-992' - 6 5/8" CSG,



Well No. LJ-65-13-714

GPO 857-700

TEXAS DEPARTMENT OF WATER RESOURCES

WELL SCHEDULE

Aquifer(s) Evangeline Project No. _____ State Well No. 65-13-736

Field No./Owner's Well No. 4 County Harris

1. Location: ___ ¼, ___ ¼, Section ___, Block ___, Survey _____, Lat. _____, Long. _____

2. Owner: Cameron Iron Works Address: _____

Tenant (other): _____ Address: _____

Driller: Texas Water Wells Address: _____

3. Land Surface Elevation: 72 ft. above msl determined by _____

4. Drilled: 1-30 19 63; Dug, Cable Tool, Rotary, Air, _____

5. Depth: Rept. 860 ft. Meas. _____ ft.

6. Borehole Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed

7. Pump: Mfr. _____ Type I

No. Stages _____, Bowls Diam. ___ in., Setting _____ ft.

Column Diam. _____ in., Length Tailpipe _____ ft.

8. Motor: Mfr. _____ Fuel E HP. 60

9. Yield: Flow ___ gpm, Pump ___ gpm, Meas., Rept., Est. ___ Date ___

10. Performance Test: Date 5/63 Length of Test ___ Made by _____

Static Level 222 ft. Pumping Level ___ ft. Drawdown ___ ft.

Production 563 gpm Specific Capacity _____ gpm/ft.

11. Quality: (Remarks on taste, odor, color, etc.) _____

Analyses

Date _____ Laboratory _____ TDS ___ Sp Cond ___

Date _____ Laboratory _____ TDS ___ Sp Cond ___

12. Other data available (as circled): Pumping Test, Power & Yield Test, Drillers Log, Formation Samples, Geophysical Log(s) _____ (type)

CASING, BLANK PIPE & WELL SCREEN
Cemented From 0 ft. to 680 ft.

Diam. (in.)	Type	Setting (feet) from	to
12	Steel	0	680
6	liner	580	860
	Screens	690	730
		734	744
		766	806
		816	846

13. Water Level(s): _____ ft. rept. meas. _____ 19 ___ above below _____ which is ___ ft. above below Land Surface

_____ ft. rept. meas. _____ 19 ___ above below _____ which is ___ ft. above below Land Surface

14. Use: Dom., Stock, Public Supply, Ind., Irr., Observation, Other (Test Hole, Oil Test, etc.) _____

15. Recorded by: _____ Source of data: _____ Date: _____

16. Remarks: _____

17. Location or Sketch:

TDWR-0308

W/L Obs. Well ___ W/Q Obs. Well ___

State Well No. 65-13-736

WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.

TRU-GRAVEL-WALL WELLS

951 MC CARTY DRIVE, HOUSTON 29, TEXAS, PHONE OR-2-7581

Cameron Iron Works
Houston, Texas

Water Well No. 4

Date Started: May 28, 1962
Orifice: [illegible]
Water Level: [illegible]
Airline: [illegible]

PUMPING TEST No. 1

TIME	HEAD IN INCHES (Std orifice)	PRESSURE	PUMPING LEVEL	AMPS	GPM
12:18 started test					
12:20	5	150	242	45	145
12:45	9-1/2	142-1/2	250	50	200
1:00	22-1/2	122	262	56	302
1:15	40	90	275	65	401
1:20	52	76	280	70	500

5-minute Recovery-220'

Started back with 0x5 orifice.

1:25	21-1/2		297		506
1:30	21-1/2		297		506
2:00	21-1/2		298		505
2:10	18-1/2	90	289	72	542
2:20	18-1/2	86	276	70	563

Electric Log in
Q file in Surface
Casing

65-12-9a

65-13-736

WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.

PRESSED GRAVEL-WALL WELLS

951 MCCARTY DRIVE, HOUSTON 29, TEXAS, PHONE OR-2-7581

January 30, 1963

Cameron Iron Works
Houston, Texas

Water Well No. 4

OK

SETTING DATA

Surface Casing:

SET AND CEMENTED IN PLACE: 680 feet of 12-3/4" O.D. .375" W.T. surface casing.

Screen and Blank Liner:

From	To	Description
680'	690'	6-5/8" O.D. Blank Liner Pipe.
690'	700'	6" S. S. Wire Wrapped Screen - .050 ga.
700'	734'	6-5/8" O.D. Blank Liner Pipe.
734'	744'	6" S. S. Wire Wrapped Screen - .030 ga.
744'	766'	6-5/8" O.D. Blank Liner Pipe.
766'	806'	6" S. S. Wire Wrapped Screen - .050 ga.
806'	816'	6-5/8" O.D. Blank Liner Pipe.
816'	846'	6" S. S. Wire Wrapped Screen - .050 ga.
846'	860'	6-5/8" O.D. Blank Liner Pipe; Back Pressure Valve and Wood Wash Plug.

2 Pages
Attach.
WW# 65-13-9a

65-13-9a

65-13-736

Typewrite (Black ribbon) or Print Plainly
(soft pencil or black ink)
Do not use ball point pen

Texas State Department of Health Laboratories
1100 West 49th Street
Austin, Texas 78756

TWDB USE ONLY

Program No. 0730-50

Proj. No. SDE-73029

CHEMICAL WATER ANALYSIS REPORT

County Harris

Send report to:

Ground Water Data and Protection Division

Texas Water Development Board
P.O. Box 13087
Austin, Texas 78711

State Well No. 65-13-736

Field Well No. 2

Date Collected 09-27-72

By D. M. Jorgensen

Location Intersection of Katy and Silber Roads, northwest Houston, Texas

Source (type of well) Turbine, electric Owner Cameron Iron Works

Date Drilled 1963 Depth 860 ft. WBF

Producing intervals 690 to 846 Water level 280 in 1969 ft.

Sampled after pumping 5 minutes hrs. Yield 440 gpm GPM meas. est. Temperature °F °C

Point of collection Tap at side of discharge pipe near pump Appearance ☐ clear ☐ turbid ☐ colored ☐ other

Use Industrial Remarks

(FOR LABORATORY USE ONLY)

Laboratory No. 238013

CHEMICAL ANALYSIS

Date Received SEP 29 1972

KEY PUNCHED

Date Reported OCT. - 5 1972

	MG/L	ME/L
Silica	24	
Calcium	49	2.45
Magnesium	11	0.88
Sodium	40	1.74
Total		5.07
☐ Potassium	.	
☐ Manganese	.	
☐ Boron	.	
3/ ☐ Total Iron	.	
☐ (other)	MG/L	

%Na

SAR

RSC

	MG/L	ME/L
Carbonate		.0
Bicarbonate	108 220	3.60
Sulfate	13	0.28
Chloride	45	1.26
Fluoride	0.2	.
Nitrate	<0.4	.
pH	7.7	
Total		5.14
1/ Dissolved Solids (sum in MG/L)		290
Phenolphthalein Alkalinity as $CaCO_3$		0
Total Alkalinity as $CaCO_3$ (3.60)		180
Total Hardness as $CaCO_3$ (3.33)		167
~~2/ Nitrogen Cycle~~		
~~Ammonia - N~~		.
~~Nitrite - N~~		.
~~Nitrate - N~~		.
~~Organic Nitrogen~~		.

Specific Conductance (micromhos/cm³) 490

Diluted Conductance (micromhos/cm³) 4 x 130 = 520

"☐" items will be analyzed if checked.

1/ The bicarbonate reported in this analysis is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.

2/ Nitrogen cycle requires separate sample.

3/ Total Iron requires separate sample.

Analyst Checked By

TWDBS-SI-27

File original copy with
Texas Water Commission
P. O. Box 2311, Capitol Station
Austin 11, Texas

State of Texas

DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 65-72-806
Located on map
By
Date
Map no. 108 (1)

1) Well Owner: Cameron Iron Works, Inc. Katy & Silber Roads, Houston, Texas
Name Street or RFD City State

2) Land Owner: Same
Name Street or RFD City State

3) Intended use: Industrial ☒ ;Municipal ☐ ;Irrigation ☐ ;Other

4) Location of well: County Harris Labor League Abstract No.

¼ ¼ ¼ ¼ of Section Block No. Survey
Mark on map as one based

miles in direction
N.E.S.W. etc.
from
Name

Water Well No. 4, for their plant located at Katy & Silber Roads, Houston, Texas.

JOB NO. 12[illegible]

Sketch map of well location with distances from two sections or survey lines, and to landmarks, roads, and streams.

DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 9-7/8" in. Date drilled January - 1963

All measurements made from ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
		No Drillers Log			
		See Electric Log Attached.			

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION

Straight wall ☐
Under reamed ☒
Gravel packed ☒
Open hole ☐
Other

CASING

Type: Old ☐ New ☒
Cemented from 0 ft.
to 680 ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
	See Attached.	

SCREEN

Type Stainless steel wire Wrapped Screen.
Perforated ☐ Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (ft)
	See Attached.	

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

L. M. Sawyer, Sec'y. Texas Water Wells, Incl Reg. No. 166
Signature Company Name

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA

Static water level 222'
ft. below G. L.

Pumping level feet	hours	mm
See Attached.		

Pump type Pearless Turbine Pump from their old well.
Designed pumping rate 500 gpm ☒ gph ☐
Type power unit Electric Motor
Horsepower 60 H.P.
Depth to basin, cylinder, jet, etc., 310 ft. below pump base.

Contractor testing well or installing permanent pump if other than your company:

65-13-736

7D

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

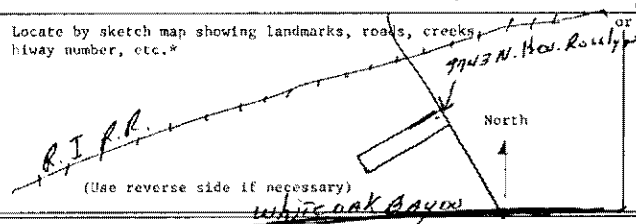
For TWDB use only
Well No. 15-05-911
Located on map
Received: 01 70

1) OWNER:
Person having well drilled Maurice Shannon (Name) Address 3515 Oak Forest (Street or RFD) Hou. (City) Texas (State)

Landowner SAME (Name) Address SAME (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS, 12 miles in N (N.E., S.W., etc.) direction from Houston (Town)

Locate by sketch map showing landmarks, roads, creeks, or hiway number, etc.*



(Use reverse side if necessary)

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic ✓ Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 1/2" in. Depth drilled 150 ft. Depth of completed well 150 ft. Date drilled 11-10-70

All measurements made from 0' ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material

(Use reverse side if necessary)

9) Casing:
Type: Old New ✓ Steel ✓ Plastic Other
Cemented from 88 ft. to 138' ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	138	#30
2"	138	140'	#40

10) SCREEN:
Type S.S. Pipe Base
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2"	140	150	#20ga

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 84 ft. below land surface Date 11-11-70
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 126' ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No ✓
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy C. Russell (Type or Print) Water Well Drillers Registration No. #707

ADDRESS 9235 N. Hou. Rosslyn (Street or RFD) Houston (City) Texas (State)

(Signed) Tommy C Russell (Water Well Driller) Russell-Son Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

4820112077

Texas Water Development Board
Well Schedule

State Well Number 6513803 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294637 **Longitude** 952717 **Source of Coords** 2

Owner's Well No. **Location**

Owner
Bayou Club
#2

Driller
Layne Texas Co.

Address **Tenant/Oper.**

Date Drilled 04/ /1954 **Depth** 1037 **Source of Depth** D **Altitude** 66 **Source of Alt.** M

Well Type W **User** 59400

WELL CONSTRUCTION **Const-Method** **Casing Material**

Completion **Screen Material**

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to_____

LIFT DATA - **Pump Mfr. -** **Type -** TURBINE PUMP **No. Stages**

Bowls Diam - **in.** **Setting -** **ft.** **Column Diam. -** **in.**

Motor Mfr. - **Fuel or Power -** ELECTRIC MOTOR **Horsepower -**

YIELD Flow- **GPM** **Pump** **GPM** **Meas.,Rept.,Est.-** **Date-**

WATER USE **Primary** - PUBLIC SUPPLY **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** D **Other Data -**

WATER LEVELS 1 measurement
1954
-137.9

Recorded By _____ **Date Record Collected or Updated -** 01/22/1999

Reporting Agency 02

REMARKS -

Aquifer - 121EVGL **ID -** 15

EVANGELINE
AQUIFER

STATE OF TEXAS WELL REPORT for Tracking #433899

Owner:	**1603 DT, LP**	Owner Well #:	**TMW-3**
Address:	**PO BOX 7600 HOUSTON, TX 77270**	Grid #:	**65-13-6**
Well Location:	**1603 NORTH DURHAM HOUSTON, TX 77008**	Latitude:	**29° 48' 00.42" N**
		Longitude:	**095° 24' 43.21" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**TEMP-WELL**

Drilling Start Date: **10/4/2016** Drilling End Date: **10/4/2016**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**2**	**0**	**30**

Drilling Method: **Direct Push**

Borehole Completion: **Plugged**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**2**	**Concrete 1 Bags/Sacks**
	2	**30**	**Bentonite 2 Bags/Sacks**

Seal Method: **Poured**

Sealed By: **Driller**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Alternative Procedure Used** **Surface Completion by Driller**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

	Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Plug Information:	**CONCRETE**	**0**	**2**
	Bentonite	**2**	**30**

	Strata Depth (ft.)	Water Type
Water Quality:	**No Data**	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **MATHERS ENVIRONMENTAL DRILLING, INC.**

12243 B. FM 529
HOUSTON, TX 77041

Driller Name: **SHANNON MATHERS** License Number: **54933**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	2	CLAYEY SAND, TAN, MOIST
2	4	CLAYEY SAND, GREY, MOIST
4	8	SANDY CLAY, GREY WITH RED MOTTLING, MOIST, SOFT
8	12	SANDY CLAY, TAN WITH RED MOTTLING, MOIST, SOFT
12	14	CLAY, TAN WITH RED MOTTLING, MOIST
14	16	CLAY, GREEN WITH RED MOTTLING, MOIST
16	20	GREEN WITH RED MOTTLING, MOIST
20	26	SANDY CLAY, GREEN WITH RED MOTTLING, MOIST
26	30	SILTY SAND, TAN WITH RED MOTTLING, WET, LOOSE

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
1	Riser	New Plastic (PVC)	.40	0	20
1	Screen	New Plastic (PVC)	.40 0.010	20	30

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

STATE OF TEXAS WELL REPORT for Tracking #433898

Owner:	**1603 DT, LP**	Owner Well #:	**TMW-1**
Address:	**PO BOX 7600 HOUSTON, TX 77270**	Grid #:	**65-13-6**
Well Location:	**1603 NORTH DURHAM HOUSTON, TX 77008**	Latitude:	**29° 47' 59.34" N**
		Longitude:	**095° 24' 42.84" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**TEMP-WELL**

Drilling Start Date: **10/4/2016** Drilling End Date: **10/4/2016**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**2**	**0**	**28**

Drilling Method: **Direct Push**

Borehole Completion: **Plugged**

Annular Seal Data: **No Data**

Seal Method: **Poured**

Sealed By: **Driller**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Alternative Procedure Used** **Surface Completion by Driller**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

	Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Plug Information:	**CONCRETE**	**0**	**2**
	Bentonite	**2**	**28**

	Strata Depth (ft.)	Water Type
Water Quality:	**No Data**	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **MATHERS ENVIRONMENTAL DRILLING, INC.**

12243 B. FM 529
HOUSTON, TX 77041

Driller Name: **SHANNON MATHERS** License Number: **54933**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	2	SAND (FINE), REDDISH GREY, MOIST, LOOSE
2	4	SANDY CLAY, GREY WITH RED MOTTLING, MOIST
4	6	CLAY, GREENISH GREY, MOIST, FIRM
6	8	CLAY, GREY WITH RED MOTTLING, MOIST, FIRM
8	14	SANDY CLAY, GREY WITH RED MOTTLING, MOIST, FIRM
14	22	CLAY, GREY WITH RED MOTTLING, MOIST, FIRM
22	24	SANDY CLAY, GREEN WITH RED MOTTLING, MOIST, LOOSE
24	28	SILTY SAND, RED, WET, LOOSE

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
1	Riser	New Plastic (PVC)	.40	0	18
1	Screen	New Plastic (PVC)	.40 0.010	18	28

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

#2

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-14-9
Located on map
Received:

1) OWNER ROBERT A. ROWLAND (Name) Address 8802 CHATSWORTH (Street or RFD) HOUSTON (City) TEXAS (State) 77024 (Zip)

2) LOCATION OF WELL: County HARRIS CITY LIMITS miles in Buckingham (N.E., S.W., etc.) direction from HOUSTON (Town) TEXAS

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

#2 ☒ See attached map. on 65-14-9 KM491C

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 4/23/88 4/26/88

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
8	Surface	334

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	19	SURFACE SOIL & CLAY
19	32	SAND MEDIUM FINE
32	81	CLAY GREY
81	93	SAND FINE
93	165	SHALE & CLAY
165	175	SAND FINE
175	238	CLAY SHALE & SAND
238	263	SAND MEDIUM
263	270	SHALE
270	290	SAND
290	309	SHALE & SAND
309	334	SAND MEDIUM SHARP/WATER SAND

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5	N	PVC UNITED	0	314	40
3	N	WOP PVC	314	324	006
3	N	WOP PVC	324	334	010

CEMENTING DATA 6 Sacks 90#
Cemented from 0 ft. to 10 ft.
Method used HAND MIXED
Cemented by WELLCO (Company or Individual)

9) WATER LEVEL:
Static level 219 ft. below land surface Date 4/26/88
Artesian flow _____ gpm. Date _____

10) PACKERS: Type K Depth 293 Ft
5" X 3"

RECEIVED
SEP 15 1988
TEXAS WATER COMMISSION

(Use reverse side if necessary)

11) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 273 ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JIMMY RAY DAVIS (Type or Print) Water Well Drillers Registration No. 315

ADDRESS 5423 LOTUS STREET (Street or RFD) HOUSTON (City) TEXAS (State) 77085 (Zip)

(Signed) _____ (Water Well Driller) WELLCO WATER WELL COMPANY (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

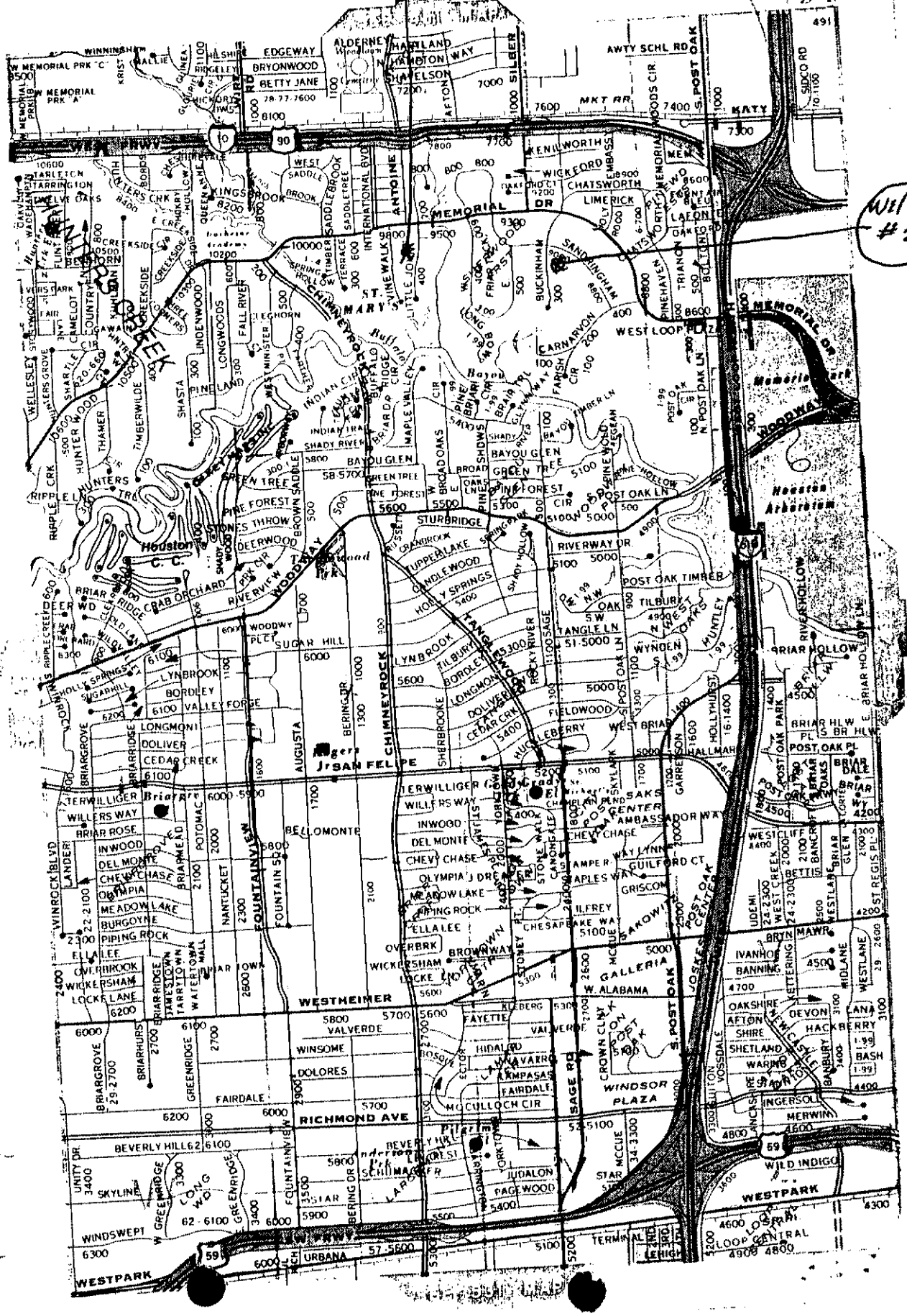
TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

#1 well

491

Well #2



Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER William V Clarke (Name) Address 9014 Kenilworth (Street or RFD) Houston (City) TX (State) 77024 (Zip)

2) LOCATION OF WELL: County Harris 4 miles in W (N.E., S.W., etc.) direction from downtown Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter or Half-Scale Texas County General Highway Map and attach the map to this form.

[ ] Legal description
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

#4 [✓] See attached map. 011 65 15 8

3) TYPE OF WORK (Check): [✓] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) PROPOSED USE (Check): [ ] Domestic [ ] Industrial [ ] Public Supply [✓] Irrigation [ ] Test Well [ ] Other _____

5) DRILLING METHOD (Check): [✓] Mud Rotary [ ] Air Hammer [ ] Driven [ ] Bored [ ] Air Rotary [ ] Cable Tool [ ] Jetted [ ] Other _____

6) WELL LOG:

Date drilled 8-7-88

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	440

From (ft.)	To (ft.)	Description and color of formation material
0	31	clay
31	40	sand red
40	81	clay
81	88	sand
88	123	clay
123	130	sand
130	135	clay
135	146	sand
146	152	clay
152	165	sand
165	183	sand hard
183	190	clay
190	211	shale
211	224	sand
224	229	clay
229	250	sand fine
250	270	sand
270	291	sand brown
291	302	clay
302	340	sand
340	356	clay
356	364	sand
364	370	sand hard
370	391	sand rock
391	398	clay
398	411	sand
411	440	clay

(Use reverse side if necessary)

7) BOREHOLE COMPLETION: [ ] Open Hole [✓] Straight Wall [ ] Underreamed [ ] Gravel Packed [ ] Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfr., if commercial	Setting (ft.) From	To	Gage Casing Screen
4	new	PVC Pipe	0	332	SCH40
4	new	PVC slotted screen	332	342	.010
4	new	PVC Pipe	342	362	SCH40
4	new	PVC slotted screen	362	392	.010
4	new	PVC Pipe	392	402	SCH40
4	new	PVC slotted screen	402	442	SCH40

CEMENTING DATA
Cemented from _____ ft. to _____ ft.
Method used _____
Cemented by _____ (Company or Individual)

9) WATER LEVEL:
Static level 235 ft. below land surface Date 8-7-88
Artesian flow _____ gpm. Date _____

10) PACKERS: ✓ Type ✓ Depth 330

11) TYPE PUMP: [ ] Turbine [ ] Jet [✓] Submersible [ ] Cylinder [ ] Other _____
Depth to pump bowls, cylinder, jet, etc., 359 ft

12) WELL TESTS: [ ] Type Test: [ ] Pump [ ] Bailer [ ] Jetted [✓] Estimated
Yield: 100 gpm with 10 ft. drawdown after 2 hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? [ ] Yes [ ] No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? [ ] Yes [✓] No

RECEIVED SEP 02 1988 TEXAS WATER COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME Four H Waterwell (Type or Print) Water Well Driller's License No. 01439 W

ADDRESS 327 Coach (Street or RFD) Houston (City) TX (State) 77060 (Zip)

(Signed) A R Henley Jr (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

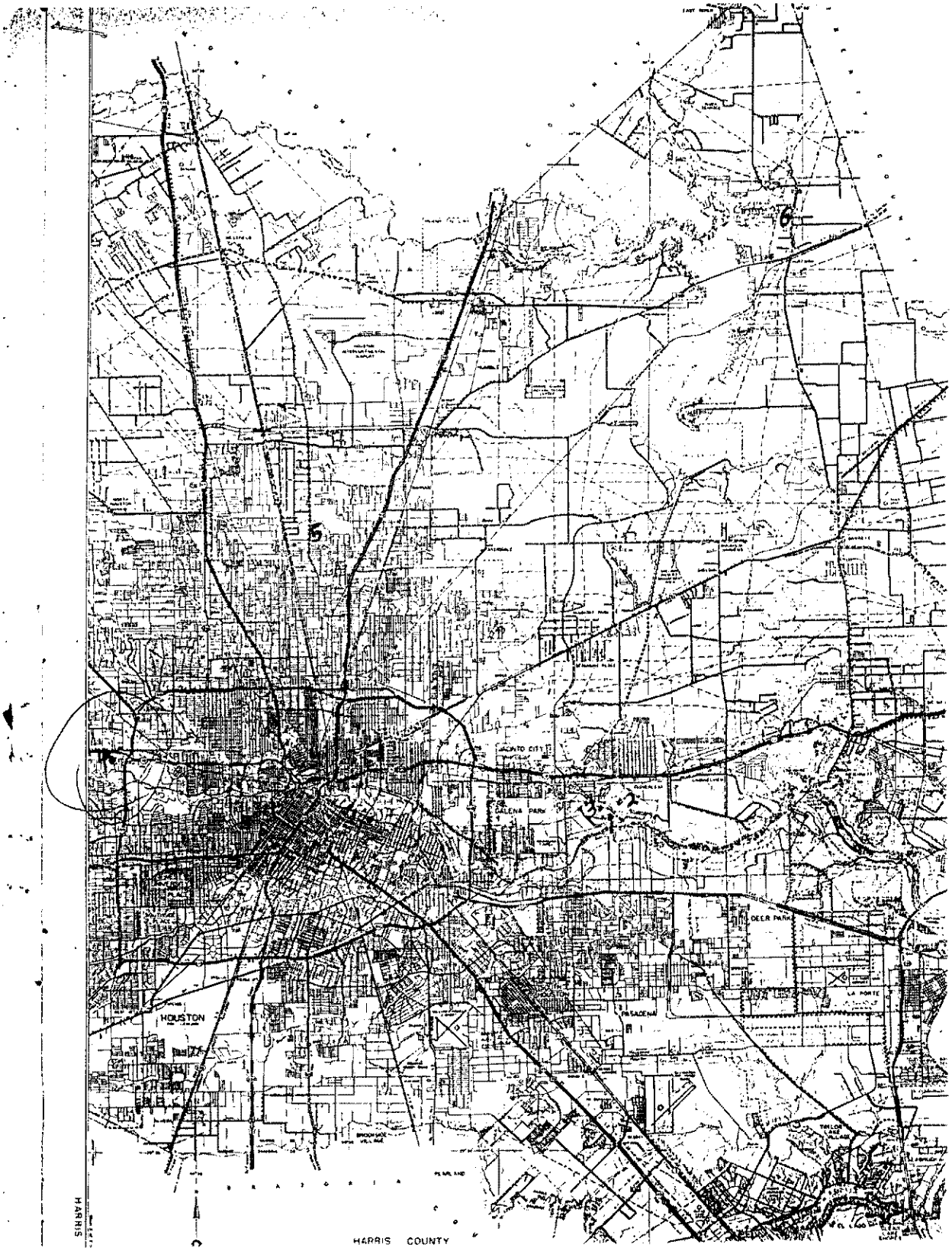
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only. Well No. 65 Located on map _____

TDWR-0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY

4820107566


HOUSTON
PASADENA
DEER PARK
LA PORTE
HARRIS COUNTY
HARRIS

5B

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

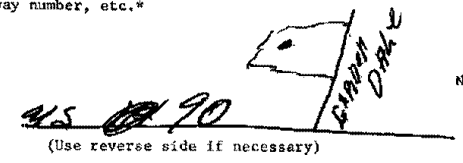
For TWDB use only
Well No. 65-13-5B
Located on map Yes
Received: 74
dr

1) OWNER:
Person having well drilled TIM MORTIMER (Name) Address 5526 GARDEN DALE (Street or RFD) HOUSTON TEXAS (City) (State)

Landowner " (Name) " Address " (Street or RFD) " (City) " (State)

2) LOCATION OF WELL:
County HARRIS, 15 miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*



(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic ✓ Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 3 7/8 in. Depth drilled 104 ft. Depth of completed well 102 ft. Date drilled 10-23-73

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOP SOIL
2	20	GRAY CLAY
20	22	RED CLAY
22	28	SAND
28	35	RED CLAY
35	38	RED SAND
38	40	RED CLAY
40	48	SAND
48	71	RED CLAY
71	79	SAND
79	89	RED CLAY
89	104	SAND

(Use reverse side if necessary)

9) Casing:
Type: Old ✓ New Steel Plastic ✓ Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
2	0	94	SCH 40

10) SCREEN:
Type PLASTIC
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2	94	102	10

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 58 ft. below land surface Date 10-23-73
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 84 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No.
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B LUMPKIN, JR (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 7502 JANAK DR (Street or RFD) HOUSTON (City) TEX (State)

(Signed) John B Lumpkin Jr (Water Well Driller) LONG POINT WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-6

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-721

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513721
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.780278
Latitude (degrees minutes seconds)	29° 46' 49" N
Longitude (decimal degrees)	-95.462501
Longitude (degrees minutes seconds)	095° 27' 45" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCTL - Chicot Aquifer, Lowe
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	69
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	293
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1929
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Turbine
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	W. T. Carter, Jr.
Driller	Layne Texas Co.
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178: 41 ft. of screen between 225 and 274 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

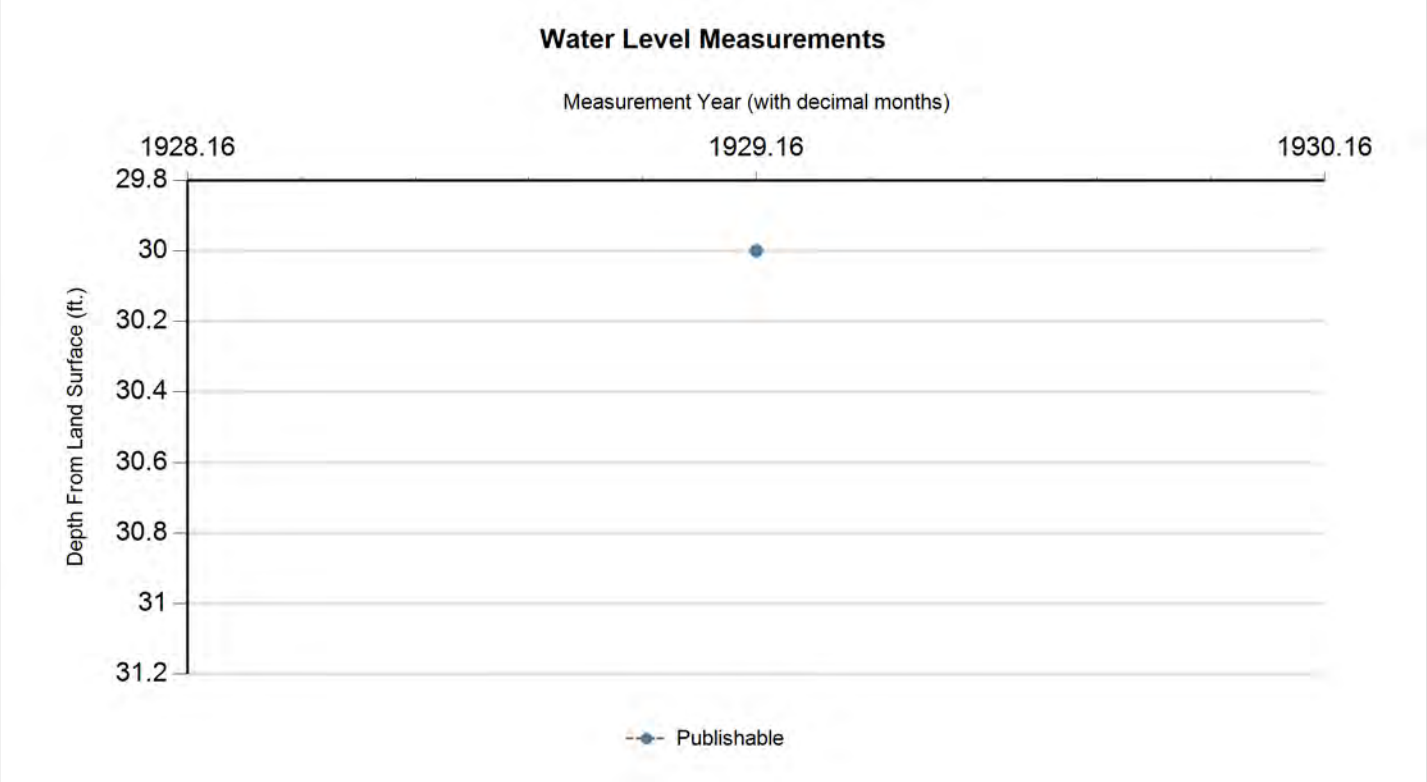
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	0/0/1929		30		39	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

(4)

RECEIVED

AUG 1 1978

DEPT. OF WATER RESOURCES

65-13-6G

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TDWR use only
Well No. 65-13-6G
Located on map 1/25
Received: 78

1) OWNER Dave Newton (Name) Address 849 W. 26th (Street or RFD) Houston (City) Tx. (State) (Zip)

2) LOCATION OF WELL: County Harris 5 miles in W. (N.E., S.W., etc.) direction from I. H. 45 (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form. #4

☐ Legal description:
Section No. ____ Block No. ____ Township ____
Abstract No. ____ Survey Name ____
Distance and direction from two intersecting section or survey lines 1½ W. of N. Durham on 26th.
☐ See attached map. on 65-08-6V

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other ____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other ____

6) WELL LOG:

Date drilled 6/29/78

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6½	Surface	460

From (ft.)	To (ft.)	Description and color of formation material
0	2	top soil
2	9	red & gray clay
9	19	fine sand
19	42	red & gray clay
42	84	red clay
84	133	red gray & tan clay
133	136	blue clay & sand strips
136	170	fine sand & clay strips
170	220	red & blue & gray clay
220	300	clay & sand strips
300	340	red & gray clay
340	358	coarse sand & clay strips
358	400	red gray clay & sand strips
400	439	red & gray clay
439	460	coarse sand

(Use reverse side if necessary)

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☑ Other ____
If Gravel Packed give interval . . . from ____ ft. to ____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N.	Plastic	0	440	46
2½	N.	Perf.	440	460	16

CEMENTING DATA
Cemented from 200 ft. to 440 ft.
Method used PRESSURIZED
Cemented by IND. (Company or Individual)

9) WATER LEVEL
Static level 260 ft. below land surface Date 7/1/78
Artesian flow ____ gpm. Date ____

10) PACKERS: Type Depth
2½x4 R&L - 430 ft.

11) TYPE PUMP:
☐ Turbin ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other ____
Depth to pump bowls, cylinder, jet, etc., 315 ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Bobby Potter (Type or Print) Water Well Drillers Registration No. 884

ADDRESS 5717 Chippewa (Street or RFD) Houston (City) Tx. (State) 77086 (Zip)

(Signed) Loyd J. Damrell (Water Well Driller) Damrell & Potter Drilling Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TDWR-0392

6G (Map)

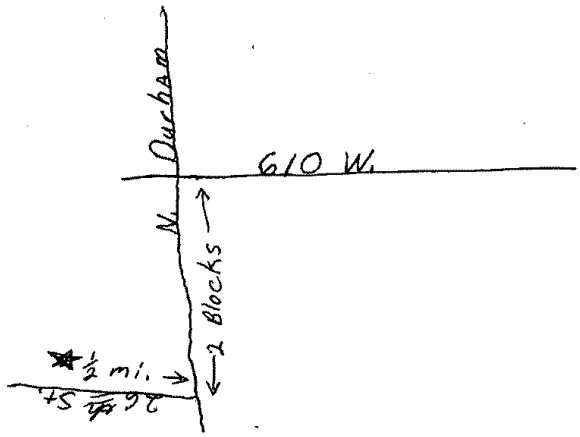
2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area, e.g. survey abstract.

Information furnished in Section 2 of the TDWR-0392 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.



RECEIVED
AUG 24 1978
DEPT. OF
WATER RESOURCES

RECEIVED
JAN 25 '79
CR/TDWR

RECEIVED
JUL 20 1978
DEPT. OF
WATER RESOURCES

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 618 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 48 40 Longitude - 95 24 51 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Garden Oaks

Driller - McMasters & Pomeroy

Address _____ Tenant/Oper. _____
Date Drilled - / /1939 Depth - 411 ft. Source of Depth - R Altitude - 67 ft. Source of Alt. - M
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____
Completion - _____
Casing Material - _____
Screen Material - _____

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		

Aquifer - 112CHCTL
Well No. - 65 13 618

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 619 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 48 40 Longitude - 95 24 51 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Garden Oaks #1

Driller - McMasters & Pomeroy

Address _____ Tenant/Oper. _____
Date Drilled - / /1937 Depth - 300 ft. Source of Depth - Altitude - 76 ft. Source of Alt. - M
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____
Completion - _____
Casing Material - _____
Screen Material - _____

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		

Aquifer - 112CHCTL
Well No. - 65 13 619

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-620

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by N.A. Rose 1941 (Gene McAdoo) Source of data File Date 1-19-68 Map Houston Heights 1:24000 195

State Texas [48] County (or town) Harris [LJ]

Latitude: 29 49 05 N (deg 7 min 9 sec 11) Longitude: 095 24 50 (12 degrees 15 min sec 18) Sequential number: 1

Lat-long accuracy: 1 T. N S, R E W, Sec , k, k, k

Local well number: LJ-65-13-620 Other number: B & M No. X2 1414

Local use: Owner or name: City of Houston

Owner or name: CITY OF HOUSTON Address: Garden Oaks, #2 Fire Station

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [M]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) PS, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other Closed 1967 [U]

Use of well: (A) Annde, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [U]

DATA AVAILABLE: Well data 2 Freq. W/L meas.: Quarterly 1940 – 1967 [Q] Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: Dec. 1944 [O] Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: E-Log (T-117) D log 0-925' [E D]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 834 ft 834 Meas. (est) Driller accuracy [3]

Depth cased (first perf.) 362 ft 362 Casing type: S; Diam. 13 3/8 - 7 in 13-

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other [S]

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other [H]

Date Drilled: Aug. 1940 9 40 Pump intake setting: ft

Driller: Layne Texas Co. (name), Houston, Texas (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other [T] Deep Shallow [D]

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 7.5 [V] Transp. or meter no.

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: 76 76 Accuracy (source): Topo 5' [3]

Water Level 91 ft above below MP; Ft above below LSD 91 Accuracy: rept Driller [D]

Date meas: 10-3-40 40 Yield: 1120 gpm 1120 Method determined [R]

Drawdown: 73 ft 73 Accuracy: rept Pumping period hrs

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard. ppm

Sp. Conduct K x 10^6 Temp. °F Date sampled

Taste, color, etc.

Well No. LJ-65-13-620

Well No. LJ-65-13-620

Latitude-longitude 29 49 05 S 095 24 50.1
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: Coastal Plain (20–21) Section: West

GCD (22) F Drainage Basin: (23–25) TIR Subbasin: (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat (27)

MAJOR AQUIFER: system, series (28–29) Q aquifer, formation, group (30–31) C

Lithology: (32–33) Origin: (34) Aquifer Thickness: ft

(35–37) Length of well open to: 212 ft (38–40) 212 Depth to top of: ft (41–43)

MINOR AQUIFER: system, series (44–45) T aquifer, formation, group (46–47) E

Lithology: (48–49) Origin: (50) Aquifer Thickness: ft

(51–53) Length of well open to: ft (54–56) Depth to top of: ft (57–59)

Intervals Screened: 362-426; 540-584; 682-766; 794-814.

Depth to consolidated rock: ft (60–63) Source of data: (64)

Depth to basement: ft (65–68) Source of data: (69)

Surficial material: (70–71) Infiltration characteristics: (72)

Coefficient Trans: gpd/ft (73–75) Coefficient Storage: (76–78)

Coefficient Perm: gpd/ft^2; Spec cap: gpm/ft; Number of geologic cards: (79)

Caved?
Called #1 by City of Houston 8/22/68
#2 in 65-13-501

352' of 13" csg
482' of 7" csg

Well No. LJ-65-13-620

GPO 857-700

65.13.7B

File original copy with
Texas Water Commission
P. O. Box 2311, Capitol Station
Austin 11, Texas

State of Texas

DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 65-13-7B
Located on map
By JW Date 6-5
Map no. 1-3 (1)

1) Well Owner: Texaco, Inc. Houston, Texas
Name Street or RFD City State

2) Land Owner: Same
Name Street or RFD City State

3) Intended use: Industrial ☐ Municipal ☐ Irrigation ☐ Other Service Station

4) Location of well: County Harris Labor ____ League ____ Abstract No. ____

NW¼ NE¼ SW¼ SE¼ of Section ____ Block No. ____ Survey ____
(Circle or many as are known)

____ miles in ____ direction
NE, SW, etc
from ____
Town

N. W. of Houston at intersection of Katy Highway & Silber Road

North

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 4" in. Date drilled Oct. 12, 1965

All measurements made from 0 ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	26	Surface & Hard Clay			
26	43	Sand & Shale			
43	96	Red Clay			
96	154	White Clay			
154	178	Sand Broken			
178	225	White Shale			
225	273	Sand, Good			

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION

Straight wall ☒
Under reamed ☐
Gravel packed ☐
Open hole ☐
Other ____

CASING

Type: Old ☐ New ☒
Cemented from Surface ft.
to 247 ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
4"	0	247

SCREEN

Type ~~XXX~~ LOP STAINLESS
Perforated ☐ Slotted ☒

Diameter (inches)	Setting from (ft)	Setting to (ft)
2½	258	273

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

P. B. Lowry
Signature

Lowry Water Wells
Company Name

Reg. No. 116

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA

Static water level ~~XXXXX~~ 152'
ft. below ____

Pumping level

feet	hours	gpm

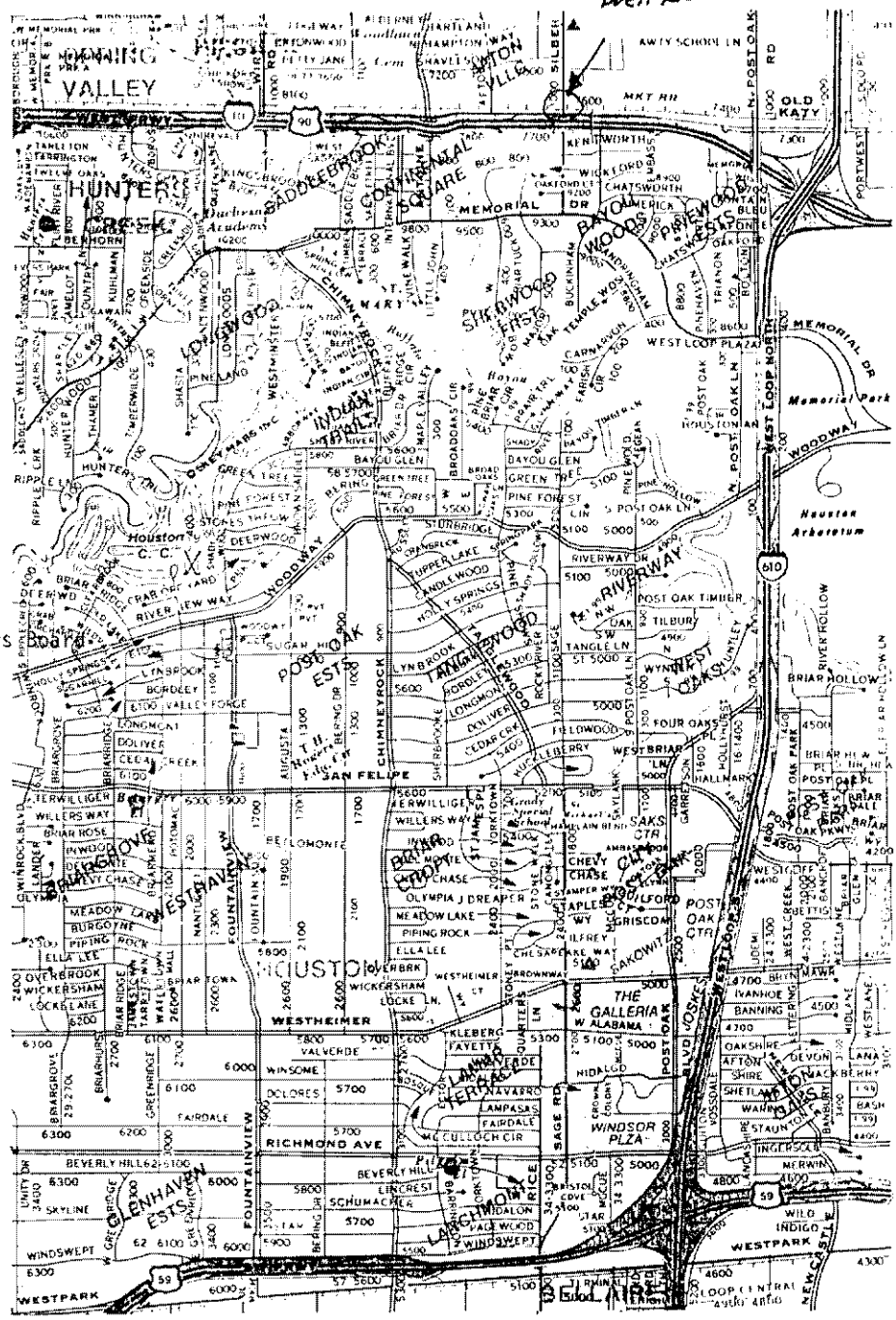
Pump type Electric
Designed pumping rate ____ gpm ☐ gph ☐
Type power unit Jacuzzi Submersible
Horsepower 2 HP
Depth to bowls, cylinder, jet, etc., 189' ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company: ____

C-34 (62-4)

4820107538

Well Location



Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-712

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by C.W. BONNET / N.A. ROSE — Source of data FILE — Date 6-11-68 — Map HOUSTON HEIGHTS 1955 1:24000

State TEXAS 48 — County (or town) HARRIS LJ

Latitude: 294707 N — Longitude: 095258 — Sequential number: 1

Lat-long accuracy: 1 — T. ___ N S, R ___ W E, Sec ___, ___ k, ___ k, ___ k ___ B & M

Local well number: LJ-65-13-712 — Other number:

Local use: — Owner or name: CAMERON IRON WORKS WELL #1

Owner or name: CAMERON IRON CO. — Address: HOUSTON, TEXAS

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — N

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mnd, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — N

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed — W

DATA AVAILABLE: Well data — Freq. W/L meas.: — Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: — Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: D-LOG — D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 388 ft — 388 Meas. Rept — 3

Depth cased (first perf.): 273 ft — 273 — Casing type: S; Diam 8 5/8-6 5/8 in (accuracy 1/5) — 9

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other — S

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other — H

Date Drilled: 2-26-42 — 942 — Pump intake setting: ft

Driller: LAYNE-TEXAS Co., HOUSTON TEXAS (name, address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other — Deep / Shallow

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 10 — Trans. or meter no.

Descrip. MP ft above/below LSD, Alt. MP

Alt. LSD: 77 — 77 — Accuracy (source): TOPO 5' — 3

Water Level 55 ft above/below MP; Ft above/below LSD — Accuracy: REPT.

Date meas: 3-4-42 — 342 — Yield: 130 gpm — 130 — Method determined

Drawdown: 35 ft — 35 — Accuracy: Rept. W.D. — Pumping period hrs

QUALITY OF WATER DATA: Iron ppm — Sulfate ppm — Chloride ppm — Hard. ppm

Sp. Conduct K x 10^6 — Temp. °F — Date sampled

Taste, color, etc.

Well No. LJ-65-13-712

Well No. LJ-65-13-712

Latitude-longitude 29.47.07 S 95.27.58
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: COASTAL PLAIN [0 3] (20–21) Section: _____

_____ [F] (22) Drainage Basin: _____ [5 1 R] (23–25) Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series (28–29) _____ aquifer, formation, group [C] (30–31)

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: 78 ft (38–40) [7 8] Depth to top of: _____ ft (41–43)

MINOR AQUIFER: _____ system, _____ series (44–45) _____ aquifer, formation, group (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: 273 - 331 ; 366 - 386

Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

Coefficient Trans: _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)

237 - 8 5/8" CSG.

Well No. LJ-65-13-712

GPO 857-700

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-713

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

Published 1:24000

MASTER CARD

Record by Gene McAdoo Source of data FILE Date 6-11-68 Map HOUSTON HEIGHTS 1955

State TEXAS [48] County (or town) HARRIS [LJ]

Latitude: [294703N] (deg, min, sec) Longitude: [0952754] (degrees, min, sec) Sequential number: [1]

Lat-long accuracy: [6] T. ___ N S, R ___ W E, Sec ___, ___ k, ___ k, ___ k ___ B & M

Local well number: LJ-65-13-713 Other number:

Local use: Owner or name: CAMERON IRON WORKS WELL #2

Owner or name: CAMERON IRON CO Address: HOUSTON, TEXAS

Ownership: (C) County, (F) Fed Gov't, (M) City, (K) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [N]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mnd, (O) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other [N]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Φ) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdrawn, (X) Waste, (Z) Destroyed [W]

DATA AVAILABLE: Well data [ ] Freq. W/L meas.: [ ] Field aquifer char. [ ]

Hyd. lab. data: [ ]

Qual. water data; type: [ ]

Freq. sampling: [ ] Pumpage inventory: yes no, period: [ ]

Aperture cards: yes [ ]

Log data: [ ]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ___ ft Meas. rept ___ accuracy [ ]

Depth cased (first perf.) ___ ft Casing type: ___; Diam. ___ in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other

Date Drilled: ___ Pump intake setting: ___ ft

Driller: ___ name, ___ address

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. Trans. or water no.

Descrip. MP ___ ft above below LSD, Alt. MP ___

Alt. LSD: 71 Accuracy (source): TOPO 5' [3]

Water Level ___ ft above below MP; Ft above below LSD Accuracy:

Date meas: ___ Yield: ___ gpm Method determined

Drawdown: ___ ft Accuracy: Pumping period ___ hrs

QUALITY OF WATER DATA: Iron ___ ppm Sulfate ___ ppm Chloride ___ ppm Hard. ___ ppm

Sp. Conduct ___ K x 10^6 Temp. ___ °F Date sampled

Taste, color, etc.

Well No. LJ-65-13-713

Well No. LJ-65-13-713

Latitude-longitude 29.47.07 S 95.27.54
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: COASTAL PLAIN [0 3] (20–21) Section: _____

_____ [F] (22) Drainage Basin: _____ [5 1 R] (23–25) Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series (28–29) _____ aquifer, formation, group (30–31)

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: _____ ft (38–40) Depth to top of: _____ ft (41–43)

MINOR AQUIFER: _____ system, _____ series (44–45) _____ aquifer, formation, group (44–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: _____

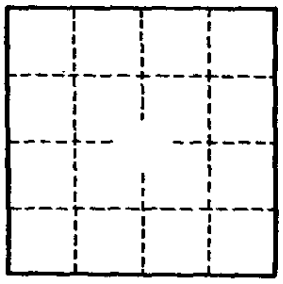
Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

Coefficient Trans: _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)



Well No. LJ-65-13-713

GPO 857-700

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-745

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513745
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.784445
Latitude (degrees minutes seconds)	29° 47' 04" N
Longitude (decimal degrees)	-95.467222
Longitude (degrees minutes seconds)	095° 28' 02" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCTL - Chicot Aquifer, Lowe
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	71
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	273
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1965
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Industrial
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Texaco Inc.
Driller	Lowry Water Wells
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178: Screen from 258 to 273 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

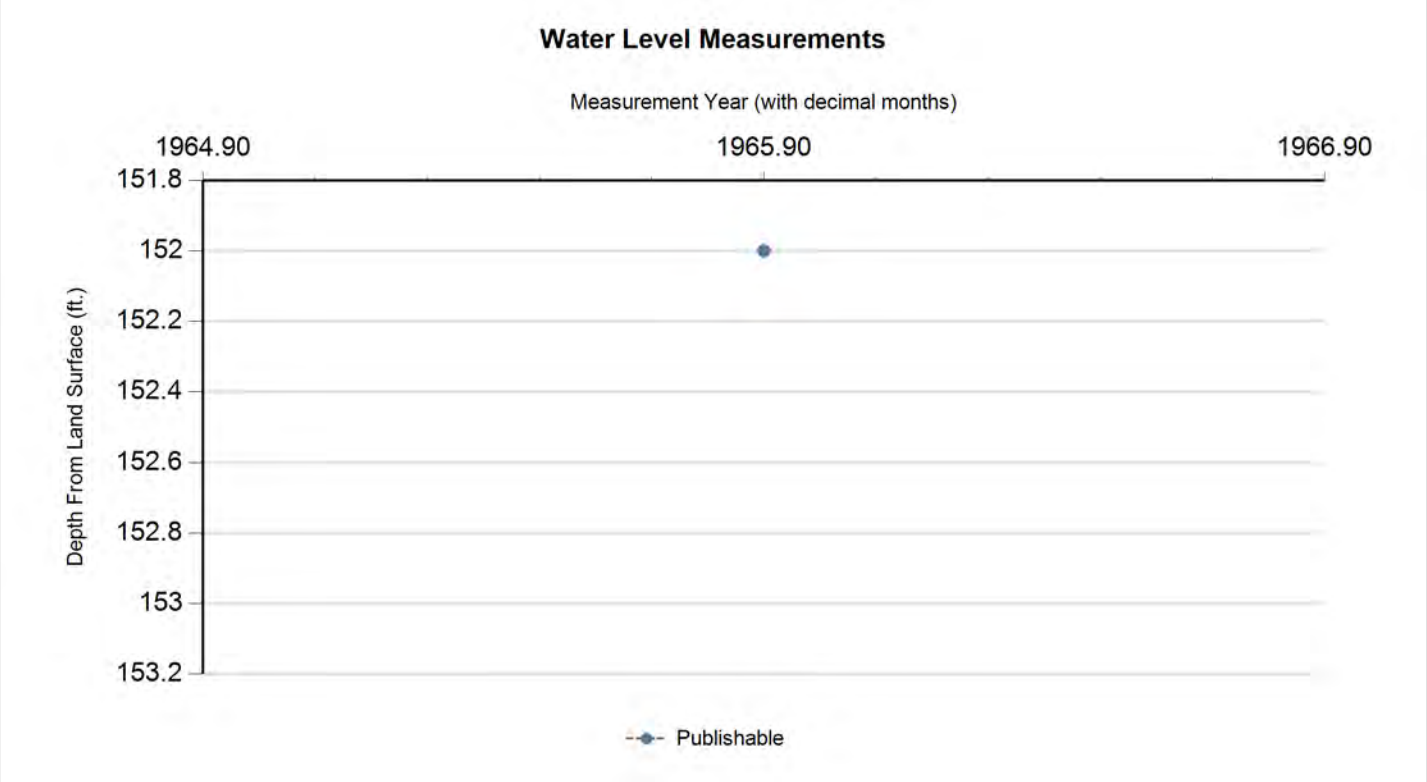
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	10/0/1965		152		-81	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

4B

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 75-72-115
Located on map
Received:

1) OWNER:
Person having well drilled MRS. TILSON (Name) Address 4316 TULSA (Street or RFD) HOU (City) TEX (State)

Landowner SAME (Name) Address SAME (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris, ____ miles in ____ (N.E., S.W., etc.) direction from Houston (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

(28)

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor ____ League ____

Block ____ Survey ____

Abstract No. ____

(NW¼ NE¼ SW¼ SE¼) of Section ____

3) TYPE OF WORK (Check):
~~New Well~~ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
~~Domestic~~ Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
~~Rotary~~ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 1/2 in. Depth drilled 225 ft. Depth of completed well 225 ft. Date drilled 10/30/73

All measurements made from 4 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil
3	198	Unconsolidated
198	225	Sand

(Use reverse side if necessary)

9) Casing:
Type: Old ~~New~~ Steel ~~Plastic~~ Other
Cemented from 155 ft. to 210 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4	0	210	40
2	210	215	40

10) SCREEN:
Type SSR
~~Perforated~~ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2	215	225	20 ga

7) COMPLETION (Check):
~~Straight wall~~ Gravel packed Other
~~Under reamed~~ Open Hole

8) WATER LEVEL:
Static level 110' ft. below land surface Date 10/30/73
Artesian pressure ____ lbs. per square inch Date ____
Depth to pump bowls, cylinder, jet, etc., 129' ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes ~~No~~ If yes, by whom?
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.
Bailer test ____ gpm with ____ ft. drawdown after ____ hrs.
Artesian flow ____ gpm
Temperature of water ____

12) WATER QUALITY:
Was a chemical analysis made? Yes ~~No~~
Did any strata contain undesirable water? Yes ~~No~~
Type of water? ____ depth of strata ____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME CARL BUSSELL (Type or Print) Water Well Drillers Registration No. 1581

ADDRESS 9739 North Houston Rosslyn (Street or RFD) Houston (City) Texas (State)

(Signed) Carl Bussell (Water Well Driller) Bussell & Son Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-9

4820111016

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 419 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 48 02 Longitude - 95 28 17 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Pine Terrace

Driller - McMasters & Pomeroy

Address _____ Tenant/Oper. _____
Date Drilled - / / Depth - 590 ft. Source of Depth - R Altitude - 76 ft. Source of Alt. - M
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____
Completion - _____
Casing Material - _____
Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) Setting(feet) From To

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CHCT
Well No. - 65 13 419

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 402 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 48 02 Longitude - 95 28 17 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4. _____ 1/4. Section _____. Block _____. Survey _____

Owner - City of Houston
Pine Terrace

Driller - W J Swinehart

Address _____ Tenant/Oper. _____
Date Drilled - / / Depth - 710 ft. Source of Depth - R Altitude - 76 ft. Source of Alt. - M
Aquifer - 112CEVG CHICOT AND EVANGELINE AQUIFERS Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) | Setting(feet) From | To

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CEVG
Well No. - 65 13 402

Send original copy by certified mail to: **Texas Water Commission, P.O. Box 13087, Austin, Texas 78711** KM491H *Please use black ink.*

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER Caroline Vaden (Name) ADDRESS 8917 Villamoral Hou. Tx. (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 5 miles in W (NE, SW, etc.) direction from Hou. Tx. (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ SEE ATTACHED MAP 0-165-60-5

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☐ Driven ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started Nov 27 1989 Completed Nov 30 1989

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6¾	Surface	300
4¾	300	332

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other Live String
If Gravel Packed give Interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	40	Clay
40	50	Sand
50	120	Clay
120	140	Sand
140	200	Clay
200	220	Sand
220	240	Clay
240	260	Sand
260	300	Clay
300	332	Sand

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	N	PVC	0	300	.40
2½	N	Liner	290	202	40
2½	N	Screen	302	332	.12

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used 2
200 ft. to 300 ft. No. of Sacks Used 14
Method used Pressure
Cemented by Cleyh

10) SURFACE COMPLETION
☑ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level 245 ft. below land surface Date Nov 30
Artesian flow _____ gpm. Date _____

12) PACKERS:

Type	Depth
4X2½ K	290

13) TYPE PUMP: ☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc. _____ ft.

14) WELL TESTS: None
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did the drilling penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Potable Depth of strata 32
Was a chemical analysis made? ☐ Yes ☑ No

RECEIVED DEC 11 1989 TEXAS WATER COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Coastal Water Wells (Type or print) WELL DRILLER'S LICENSE NO. 812

ADDRESS P.O. Box 745 (Street or RFD) Porter (City) Tx (State) 77365 (Zip)

(Signed) H.L. Gehrke (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 65-13-7 Located on map ____

WWD-012 (Rev. 09/21/88) TEXAS WATER COMMISSION COPY

482010 7357

STATE OF TEXAS WELL REPORT for Tracking #157718

Owner:	**Kaves, Kenneth**	Owner Well #:	**No Data**
Address:	**8844 Memorial Houston, TX 77063**	Grid #:	**65-13-7**
Well Location:	**8844Memorial Houston, TX 77063**	Latitude:	**29° 46' 31" N**
		Longitude:	**095° 27' 42" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/26/2008** Drilling End Date: **10/22/2008**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**6.5**	**0**	**465**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**440**	**25 Bags Cement**

Seal Method: **Pressure**

Sealed By: **ODCI**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Surface Slab Installed**

Water Level: **190 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **BP Seal 423'**

Type of Pump: **Submersible** Pump Depth (ft.): **294**

Well Tests: **Jetted** **Yield: 30 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**24**	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **O'Day Drilling Company, Inc**

5923 CR 931
Rosharon, TX 77583

Driller Name: **Angel Bautista** License Number: **4883**

Apprentice Name: **Arturo Barrera** Apprentice Number: **56891**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	3	Top Soil
3	17	Clay
17	38	Sand
38	44	Rock
44	143	Clay
143	179	Sand
179	268	Clay
268	300	Sand
300	308	Clay
308	346	Sand
346	382	Clay
382	394	Sand
394	441	Clay
441	465	Sand

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
4	New	PVC Casing	0-440 Ft WW
2.5	New	Galvanized Liner	423'-445' Sch 40
2.5	New	S/S Pipe Based Screen	445'-465' .008 GA

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-612

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513612
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.806667
Latitude (degrees minutes seconds)	29° 48' 24" N
Longitude (decimal degrees)	-95.409167
Longitude (degrees minutes seconds)	095° 24' 33" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	121EVGL - Evangeline Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	69
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	800
Well Depth Source	Unknown
Drilling Start Date	
Drilling End Date	0/0/1909
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Plugged or Destroyed
Water Level Observation	None
Water Quality Available	Yes
Pump	None
Pump Depth (feet below land surface)	
Power Type	
Annular Seal Method	
Surface Completion	
Owner	Oriental Textile Mills
Driller	Taylor and Roberts
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	
Created Date	5/13/1999
Last Update Date	5/13/1999

Remarks	Well destroyed.

Casing - No Data

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements

No Data Available

Water Quality Analysis

Sample Date: 3/20/1931 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:**

Sampled Aquifer: Evangeline Aquifer

Analyzed Lab: **Reliability:** Reliability unknown or not available

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		30	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		110	mg/L	
00945	SULFATE, TOTAL (MG/L AS SO4)		30	mg/L	

Water Quality Analysis

Sample Date: 1/14/1939 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:**

Sampled Aquifer: Evangeline Aquifer

Analyzed Lab: **Reliability:** Reliability unknown or not available

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		202.46	mg/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		247	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		26	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		99	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)		0.1	mg/L	
00929	SODIUM, TOTAL (MG/L AS NA)		70	mg/L	
00945	SULFATE, TOTAL (MG/L AS SO4)		12	mg/L	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		264	mg/L	

Water Quality Analysis

Sample Date: 8/5/1939 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:**

Sampled Aquifer: Evangeline Aquifer

Analyzed Lab: **Reliability:** Reliability unknown or not available

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		200	mg/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		244	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		27	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.2	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		106	mg/L	
00929	SODIUM, TOTAL (MG/L AS NA)		66	mg/L	
00945	SULFATE, TOTAL (MG/L AS SO4)		12	mg/L	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		262	mg/L	

Water Quality Analysis

Sample Date: 5/21/1940 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:**

Sampled Aquifer: Evangeline Aquifer

Analyzed Lab: **Reliability:** Reliability unknown or not available

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		203.28	mg/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		248	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		27	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		102	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)		0.2	mg/L	
00929	SODIUM, TOTAL (MG/L AS NA)		69	mg/L	
00945	SULFATE, TOTAL (MG/L AS SO4)		10	mg/L	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		265	mg/L	

Water Quality Analysis

Sample Date: 2/18/1941 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:**

Sampled Aquifer: Evangeline Aquifer

Analyzed Lab: **Reliability:** Reliability unknown or not available

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		186.07	mg/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		227	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		28	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		88	mg/L	
00929	SODIUM, TOTAL (MG/L AS NA)		71	mg/L	
00945	SULFATE, TOTAL (MG/L AS SO4)		17	mg/L	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		258	mg/L	

Water Quality Analysis

Sample Date: 1/28/1942 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:**

Sampled Aquifer: Evangeline Aquifer

Analyzed Lab: **Reliability:** Reliability unknown or not available

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		203.28	mg/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		248	mg/L	
00910	CALCIUM (MG/L)		27	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		27	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		70	mg/L	
00920	MAGNESIUM (MG/L)		9	mg/L	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		1.97		
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		2.98		
00932	SODIUM, CALCULATED, PERCENT		59	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)		70	mg/L	
00945	SULFATE, TOTAL (MG/L AS SO4)		17	mg/L	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		271	mg/L	

Water Quality Analysis

Sample Date: 1/22/1943 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:**

Sampled Aquifer: Evangeline Aquifer

Analyzed Lab: **Reliability:** Reliability unknown or not available

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		209.84	mg/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		256	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		27	mg/L	
00945	SULFATE, TOTAL (MG/L AS SO4)		8	mg/L	

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-910

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513910
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.785834
Latitude (degrees minutes seconds)	29° 47' 09" N
Longitude (decimal degrees)	-95.409167
Longitude (degrees minutes seconds)	095° 24' 33" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCTL - Chicot Aquifer, Lower
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	62
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	465
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1917
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Unused
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	None
Pump Depth (feet below land surface)	
Power Type	
Annular Seal Method	
Surface Completion	
Owner	Fidelity Chem. Corp.
Driller	
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178

Casing - No Data

Well Tests - No Data

Lithology - No Data

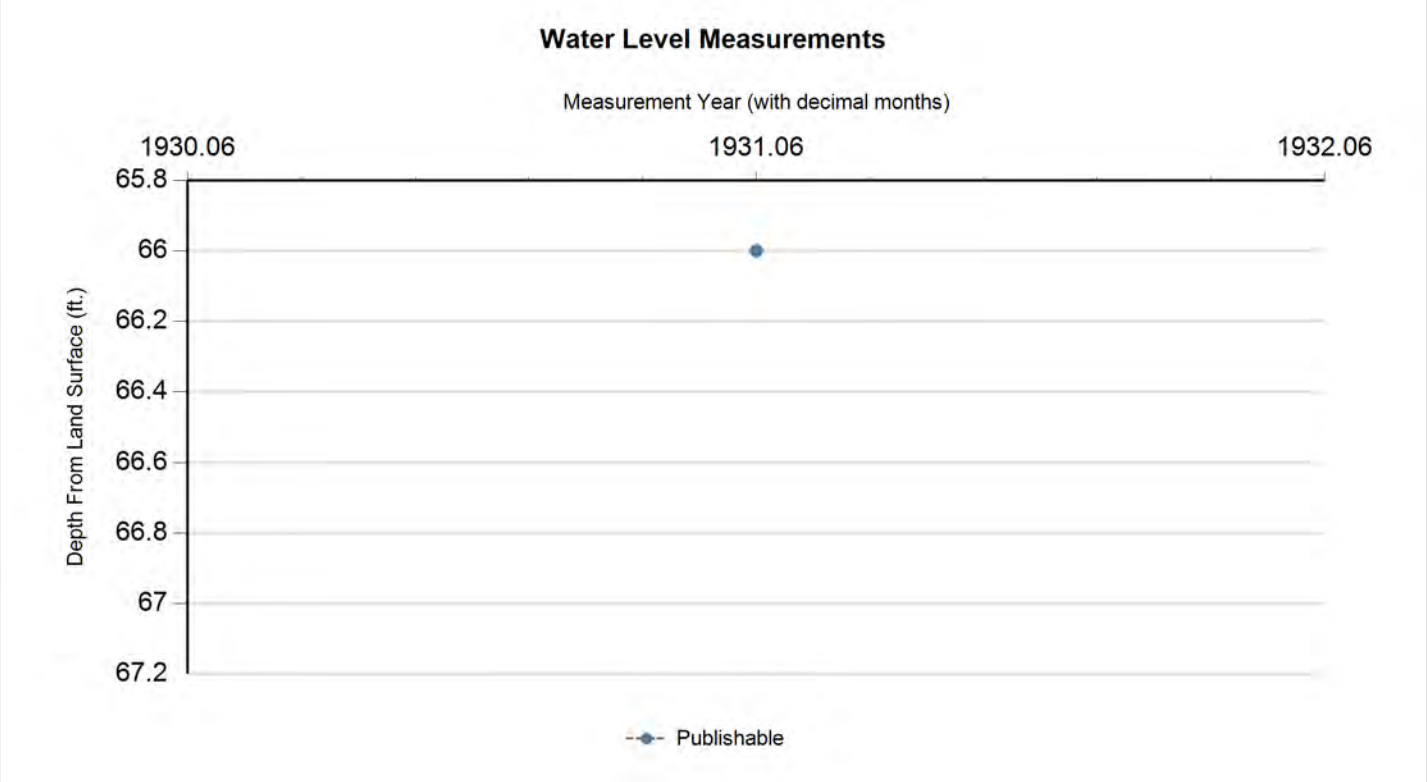
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	1/23/1931		66		-4	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

STATE OF TEXAS WATER WELL REPORT

1) OWNER: MC DUGALD STEEL ADDRESS: 849 WEST 26 STREET CITY: HOUSTON STATE: TX ZIP: 77008-
2) LOCATION OF WELL: County: HARRIS miles in N direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00497

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.0	0	298
5.0	298	321

7) BOREHOLE METHOD:
TWO STRING/K-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: ~~07/10/90~~ 09-10-90

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	298	CASING
3.0	N	P.V.C. SCH.80	295	301	LINER
3.0	N	STAINLESS - ROD BASE	301	306	.010
3.0	N	STAINLESS - ROD BASE	306	311	.012
3.0	N	STAINLESS - ROD BASE	311	321	.014

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	20	CLAY-WHITE CLAY-BROWN CLAY-RED
20	48	SAND-TAN-.006-.008
48	80	BROKEN SAND & CLAY
80	100	SAND-TAN-.010-.012
100	140	BROKEN SAND & CLAY
140	180	SAND-TAN-.014-.020 GRAVEL
180	190	CLAY-RED
190	200	SAND-TAN-.010-.012
200	224	CLAY-RED
224	296	SAND-TAN-.006-.008 SAND-TAN-.010-.012
296	297	ROCK
297	321	SAND-TAN-.010-.012 SAND-TAN-.014-.020

9) CEMENTING DATA:
Cemented from 0 FT. TO 298 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS

10) SURFACE COMPLETION:
SURFACE SLAB INST.

11) WATER LEVEL:
STATIC LEVEL : 212 FT. DATE: 09/12/90
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

RECEIVED
MAY 21 1992
TEXAS WATER WELL DRILLERS BOARD

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 254

14) WELL TEST:
JETTED
YIELD: 45 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 321 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY
WELL NO. _____
LOCATED ON MAP _____

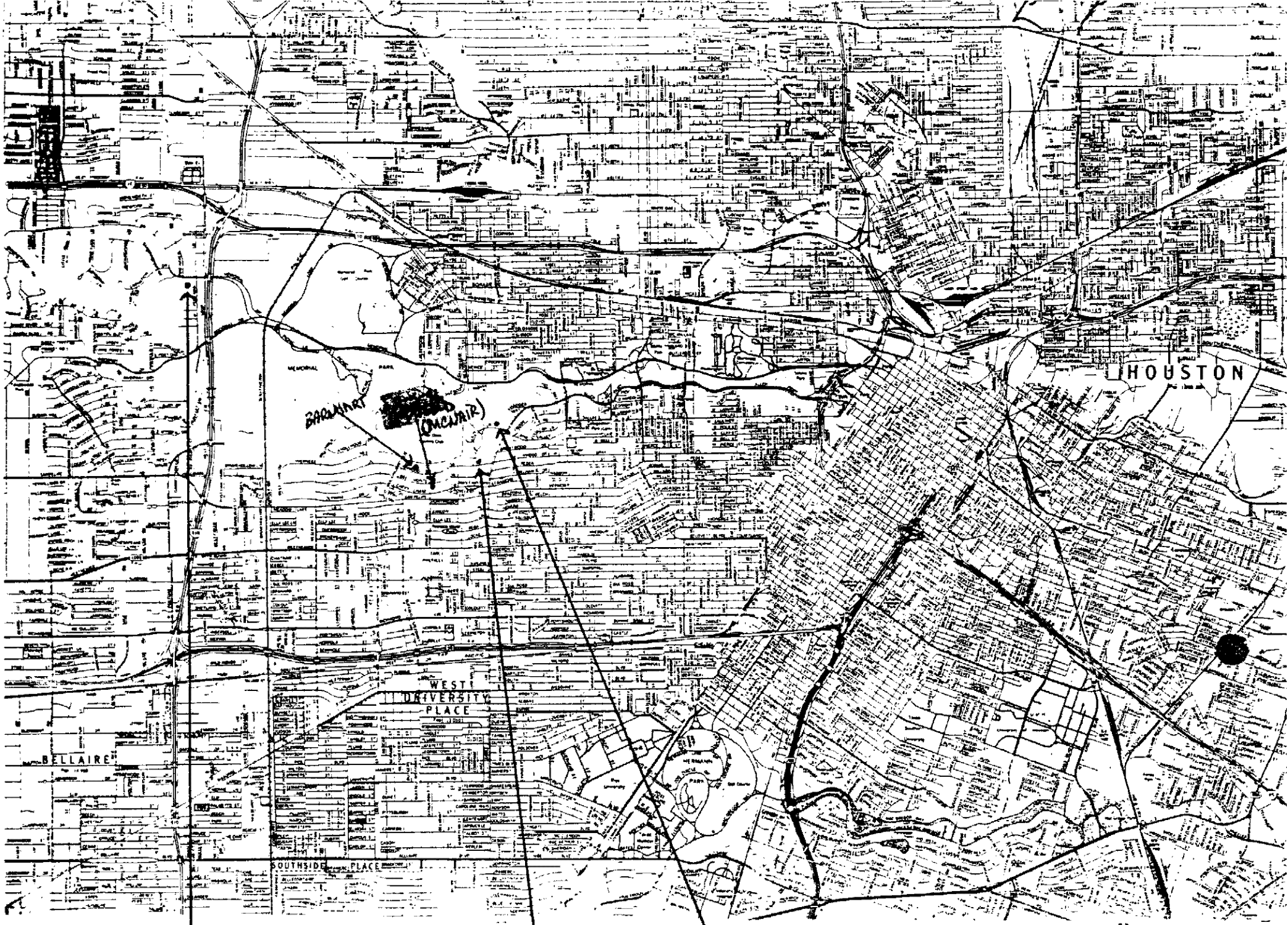
I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Gilbert S. [illegible] (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

Lone 4820124981

CWB

KM-D.491



Love

MCDUGALD (ELKINS)
9-10-90

MCDUGALD (BRENNER)
4-4-91

TYNE SPARKES (HIVES)

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 722 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 23 Longitude - 95 27 34 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - H. C. Weiss Driller - Layne Texas Co.

Address _____ Tenant/Oper. _____
Date Drilled - / /1930 Depth - 173 ft. Source of Depth - Altitude - 68 ft. Source of Alt. -
Aquifer - 112CHCTU CHICOT AQUIFER,UPPER Well Type - W User -

WELL CONSTRUCTION Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data-

WATER LEVELS Date- 00/00/1930 Measurement- -40.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 09/30/2002

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB R178: Screen from 148 to
170 ft.

Aquifer - 112CHCTU
Well No. - 65 13 722

TEXAS DEPARTMENT OF WATER RESOURCES

WELL SCHEDULE

Aquifer(s) Lower Chicot Project No. _____ State Well No. 65-13-733

_____ Field No./Owner's Well No. _____ County HARRIS

1. Location: ___ ¼, ___ ¼, Section ___, Block ___, Survey _____, Lat. _____, Long. _____

2. Owner: J. O. Winston, Jr. Address: _____

Tenant (other): _____ Address: _____

Driller: Layne Texas Address: _____

3. Land Surface Elevation: 68 ft. above msl determined by _____

4. Drilled: _____ 19 39 ; Dug, Cable Tool, Rotary, Air, _____

5. Depth: Rept. 337 ft. Meas. _____ ft.

6. Borehole Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed

7. Pump: Mfr. _____ Type T

No. Stages _____, Bowls Diam. ___ in., Setting _____ ft.

Column Diam. _____ in., Length Tailpipe _____ ft.

8. Motor: Mfr. _____ Fuel E HP. 5

9. Yield: Flow ___ gpm, Pump ___ gpm, Meas., Rept., Est. ___ Date ___

10. Performance Test: Date 2/39 Length of Test ___ Made by L-T

Static Level ___ ft. Pumping Level ___ ft. Drawdown 14 ft.

Production 112 gpm Specific Capacity _____ gpm/ft.

11. Quality: (Remarks on taste, odor, color, etc.) _____

Analyses

Date _____ Laboratory _____ TDS ___ Sp Cond ___

Date _____ Laboratory _____ TDS ___ Sp Cond ___

12. Other data available (as circled): Pumping Test, Power & Yield Test, Drillers Log, Formation Samples, Geophysical Log(s) _____

CASING, BLANK PIPE & WELL SCREEN
Cemented From ___ ft. to ___ ft.

Diam. (in.)	Type	Setting (feet) from	to
6		0	286
4			337

13. Water Level(s): 44 ft. (rept.) meas. 2 1939 (type) above below _____ which is ___ ft. above below Land Surface

_____ ft. rept. meas. _____ 19 ___ above below _____ which is ___ ft. above below Land Surface

14. Use: Dom., Stock, Public Supply, Ind., Irr., Observation, Other (Test Hole, Oil Test, etc.) _____

15. Recorded by: _____ Source of data: _____ Date: _____

16. Remarks: well plugged —

17. Location or Sketch:

TDWR-0308

W/L Obs. Well ___ W/Q Obs. Well ___
State Well No. 65-13-733

Rec'd GW 9

File [illegible]al with Texas [illegible]r Development Board P. O. Box 12386 Austin, Texas 78711	State of T[illegible] WATER RE[illegible] [illegible]PLUGGING REPORT	For TWDB use only Well No. 65-13-BH Form GW 7 received 7/85 Form GW 8 received 8-85

1) Well Owner: J. O. Winston, Jr — 101 Carnegie — Houston — Texas
Name — Street or RFD — City — State

2) Landowner: Same
Name — Street or RFD — City — State

3) Intended Use: Industrial ☐; Municipal ☐; Irrigation ☐; Domestic ☒; Stock ☐; Other

4) Location Of Well: County Harris Labor ____ League ____ Abstract No. ____

NW¼ NE¼ SW¼ SE¼ of Section ____ Block No. ____ Survey ____
(Circle as many as known)

See attached map USGS Mk. 65-13-733

____ miles in ____ direction from ____. Use reverse side to sketch map of well location showing distances from adjacent section or survey lines, or to landmarks, roads, and creeks.
(NW, SW, etc.) Town

[illegible] PLUGGING DATA

5) Driller Layne Texas Co Registration Number 24 Address Box 9305 Houston Tex 77224

6) Party [illegible] Plugging Well Layne Texas Co Registration Number 24 Address Same
Plugged May 1983

7) Drilled ____ 19__; Dug ☐; Cable Tool ☐; Rotary ☒; Other ____ Owners Well Number 1

8) Diameter Of Hole 10 inches, from 0 to 272 feet, and 6 inches, from 272 to 377 feet; Total depth 377 feet.

9) Casing and Cement:

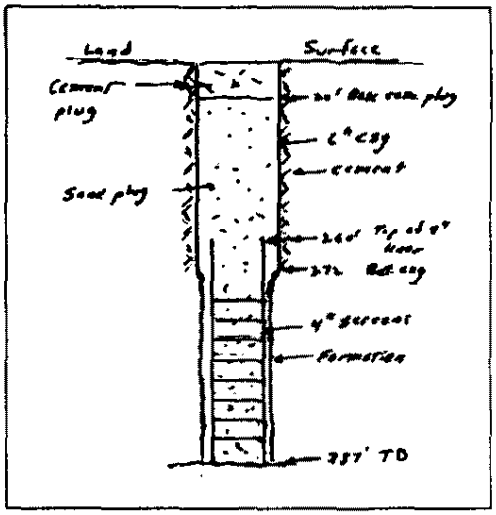
Diameter (inches)	Set in Well From (feet)	Set in Well To (feet)	Left in Well From (feet)	Left in Well To (feet)	Cement Baskets or Packers, Depth (feet)	Cement From (feet)	Cement To (feet)
6	Surf	272	Surf	272	—	—	—
4	266	377	266	377			

10) Well Log: All measurements made from 0 feet above ground level.

From (ft.)	To (ft.)	Description and color of formation material
		See attached well log

RECEIVED JUL 11 1983 DEPT. OF WATER RESOURCES

11) Sketch Of Well: Show method of [illegible] plugging including all casing and cemented intervals.



12) Fresh Water-Bearing Zone(s): Depth in feet to top of 299, Thickness 40 feet.

13) Undesirable Water-Bearing Zone(s): Depth in feet to top of None, Thickness ____ feet.

14) Static Water Level(s) — feet below land surface. Was the water level measured after penetrating the first water-bearing zone ☐, or after drilling to total depth ☐? Check applicable box(s).

15) Describe in detail the type, volume and manner of placement of all cement. Indicate depth to top of cement behind each casing string. Describe and give percent of all cement additives: Approximately [illegible] of sand from TD to 20' [illegible] then set cement plug (45 sk) from 20' to surface. Used 4 gal of HTH

16) Was undesirable water exclusion or retention or plugging program checked for adequacy? None
If so describe method(s) used.

17) Attach electrical, gamma ray or other mechanical log(s), water analyses, and other pertinent data if available.

VALIDATION

18) We, the party performing the undesirable water exclusion ☐ retention ☐ plugging ☑ (Check applicable box) operations, ____, and the landowner or party having well drilled, deepened or otherwise altered, ____, certify that the undesirable water exclusion or retention or plugging operations were performed in the manner described above.

Leland Lawson Reg No 24
Layne Texas Co

65-13-733

FORM NO. 38 - 1M - 8-51 - BAL

THE LAYNE TEXAS COMPANY LTD.

HOUSTON -:- DALLAS

WELL LOG

REPORT NO.
S. O.
PAGE OF
FILE NO.
DATE 6/18/52

CUSTOMER LOCATION	WELL DATA
FOR J. O. WINSTON, JR.	NAME WELL SAME WELL NO. 1
LOCATION WELL POST OAK ROAD, HOUSTON	ELEVATION DATUM
SURVEY FIELD	RT C GR
COUNTY HARRIS STATE TEXAS	TEST HOLE SIZE TD
OTHER LAND MARKS	DATE STARTED DRILLING 1-5-39
	DATE FINISHED DRILLING 1-14-39
	DRILLER G. J. BARTLETT RIG NO.
	TYPE MUD NO. SACKS
	ELECTRIC LOG TYPE
	SURVEY TYPE
	OTHER

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
	1	SANDY SOIL			
19	18	CLAY			
32	13	WHITE SAND			
46	14	RED SAND & BREAKS CLAY			
65	19	RED CLAY			
105	40	BROKEN SAND & CLAY			
128	23	RED CLAY			
148	20	WHITE CLAY			
174	26	WHITE SAND			
200	26	BREAKS WHITE SAND AND CLAY			
255	55	CLAY			
268	13	SAND & CLAY			
332	64	COARSE SAND & FINE GRAVEL			
337	5	CLAY			
			65-13-733		

MEMORIAL PARK
WEST UNIVERSITY PLACE
SOUTHSIDE PLACE
HOL
1973

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 807 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 20 Longitude - 95 27 27 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - H. C. Weiss Driller - Layne Texas Co.

Address _____ Tenant/Oper. _____
Date Drilled - / /1936 Depth - 355 ft. Source of Depth - Altitude - 67 ft. Source of Alt. -
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER Well Type - W User -

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (
Open Hole (O)
Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To

LIFT DATA - Pump Mfr. _____ Type - JET PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- DOMESTIC Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data-

WATER LEVELS Date- 02/00/1938 Measurement- -40.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 09/30/2002

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB R178: 60 ft. of screen
between 250 and 341 ft.
Yield: 200 gpm with 12 ft.
drawdown when drilled.

(16)

Send original copy by certified mail to: **Texas Water Commission, P.O. Box 13087, Austin, Texas 78711**

Please use black ink.

ATTENTION OWNER: *Confidentially Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) **OWNER** Stonebridge Construction (Name) **ADDRESS** 9182 Old Katy Rd #103 Hstn TX 77055 (Street or RFD) (City) (State) (Zip)

2) **LOCATION OF WELL:** Sandingham
County Harris, _____ miles in _____ (NE, SW, etc.) direction from _____ (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **LEGAL DESCRIPTION:**
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ **SEE ATTACHED MAP** on 65-05-5

3) **TYPE OF WORK (Check):** ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) **DRILLING METHOD (Check):** ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) **WELL LOG:**
Date Drilling: Started 11-9 1990 Completed 11-12 1990

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	450
3 7/8	450	470

7) **BOREHOLE COMPLETION:** ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	18	Top Soil & Clay
18	28	Surface Sand
28	90	Clay
90	106	Sand
106	133	Clay
133	174	Sand
174	188	Clay
188	225	Sand
225	236	Clay
236	237	Rock

(Use reverse side if necessary)

8) **CASING, BLANK PIPE, AND WELL SCREEN DATA:**

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	N	PVC	0	450	
2	N	Galvanized	440	450	
2	N	SSRB	450	470	.016

9) **CEMENTING DATA** [Rule 287.44(1)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used _____
400 ft. to 450 ft. No. of Sacks Used _____
Method used Halliburton
Cemented by Bussell & Son Inc

10) **SURFACE COMPLETION**
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☑ Approved Alternative Procedure Used [Rule 287.71]

11) **WATER LEVEL:**
Static level 253 ft. below land surface Date 11-12-90
Artesian flow _____ gpm. Date _____

12) **PACKERS:**

Type	Depth
Two (2) K-Packer	440

13) **TYPE PUMP:** ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) **WELL TESTS:**
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 45 gpm with _____ ft. drawdown after _____ hrs.

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents? ☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

RECEIVED DEC 05 1990 TEXAS WATER COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Bussell & Son Inc (Type or print) **WELL DRILLER'S LICENSE NO.** 2035

ADDRESS PO Box 874 (Street or RFD) Tomball (City) TX (State) 77377-0874 (Zip)

(Signed) Craig Bussell (Licensed Well Driller) (Signed) David Lyang (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 65-13-7 Located on map _____

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

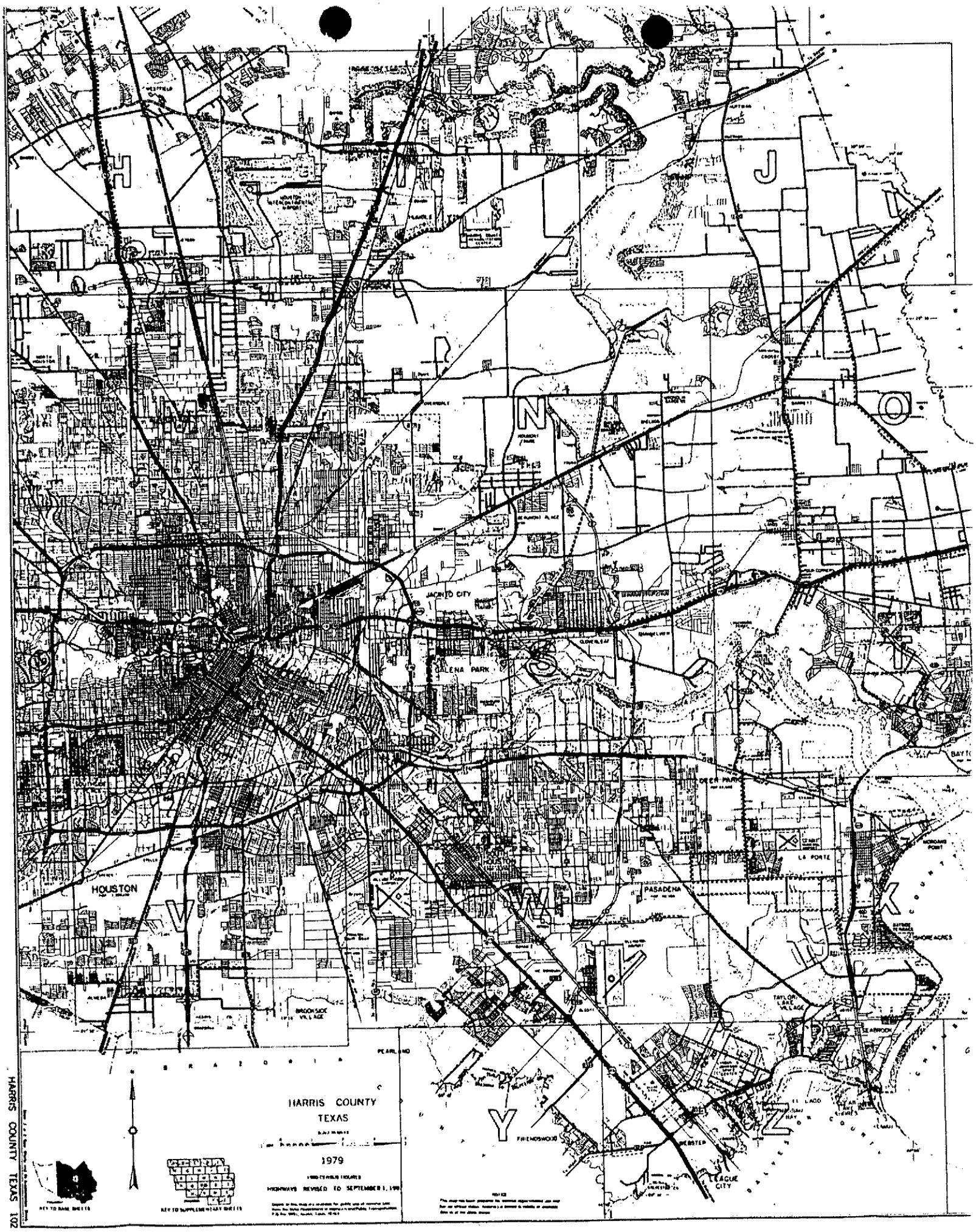
IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING PRIVILEGE OF CONFIDENTIALITY

The Water Well Drillers Board and the Texas Water Commission are concerned that some persons having wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every licensed water well driller drilling, deepening or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within 60 days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. Each copy of a well log, other than a Commission copy, shall include the name, mailing address, and telephone number of the Board and the Commission. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential.

From (ft.)	To (ft.)	Description and color of formation material
237	337	Sand
337	359	Clay
359	390	Sand
390	435	Clay
435	470	Sand v Rock


HARRIS COUNTY
TEXAS
1979
HIGHWAYS REVISED TO SEPTEMBER 1, 1979
HOUSTON
JACINTO CITY
GALENA PARK
PASADENA
LA PORTE
BROOKSIDE VILLAGE
PEARLAND
FRIENDSWOOD
LEAGUE CITY
SEABROOK
KEY TO BASE SHEETS
KEY TO SUPPLEMENTARY SHEETS

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Signature Homes	7757 San Felipe Suite 204	Houston	TX	77063

2) WELL LOCATION REF: Mr Mike Loya

County	Physical Address	City	State	Zip
Harris	416 Carnarvon	Houston	TX	77424

Lat. | Long. | Grid # 65-13-7

3) Type of Work
☒ New Well ☐ Deepening
☐ Reconditioning

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic
☐ Industrial ☒ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑ *

6) Drilling Date
Started 10/02/02
Completed 11/18/02

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
7.75	-0-	438
4.75	438	450

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☒ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☐ Other

From (ft)	To (ft)	Description and color of formation material
-0-	40	Topsoil, white clay, sand, red/whiteclay, sand
40	100	Clay, rock, red clay, white clay, sand *
100	160	Sand, red & white clay, sand
160	220	Sand & gravel, clay, sand, clay
220	260	Sand, clay, sand
260	320	Sand
320	360	Sand w/clay break, clay
360	378	Clay, sand, clay
378	388	Sand
388	436	Clay
436	450	Sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☒ Other Two String
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
5.0	N	Pvc well casing	+2	438	Sdr17
2.5	N	Pvc blank pipe	433	439	Sch80
2.5	N	Stainless Steel Rod B	439	449	8 ga
2.5	N	Sawtooth nipple	449	450	

9) Cementing Data
Cementing from 438 ft. to 288 ft. # of sacks used 15
1 ft. to 20 ft. # of sacks used 5
Method Used Halliburton Lower pressure cemented
Cementing By Geophysical Drlg., Inc.
Distance to septic system field or other concentrated contamination na ft.
Method of verification of above distance Public sewerage area

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☒ Pitless Adapter Used DQ-500
☐ Approved Alternative Procedure Used

14) Typepump
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., 300 ft.

11) Water Level
Static level 210 ft. below Date 11/18/02
Artesian Flow gpm. Date / /

15) Water Test
Typetest ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 100+ gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☒ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Good Depth of strata 10'
Was a chemical analysis made? ☐ Yes ☒ No

12) Packers

	Type	Depth
Rubber formation	Supreme	20'
BP seal	5" x 2.5"	433'

Company or Individual's Name (type or print) Geophysical Drilling, Inc. Lic. No. 2888WI
Address P.O. Box 664 City Fulshear State TX Zip 77441

Signature Greg D. Hill	12/11/02	Signature Travis J. Otto	12/11/02
Licensed Driller/Pump Installer	Date	Apprentice	Date

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. · Dallas, Texas · (214) 340-9429

4820127155

STATE OF TEXAS WELL REPORT for Tracking #165743

Owner:	**Buu Q. Dang**	Owner Well #:	**No Data**
Address:	**8735 Memorial Dr. Houston, TX 77019**	Grid #:	**65-13-7**
Well Location:	**8735 Memorial Dr. Houston, TX 77019**	Latitude:	**29° 46' 25" N**
		Longitude:	**095° 27' 41" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Irrigation**

Drilling Start Date: **1/5/2009** Drilling End Date: **1/6/2009**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**6.75**	**0**	**335**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **2 String**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**315**	**18**
	0	**10**	**10**

Seal Method: **Positive Displacement**

Sealed By: **SDU**

Distance to Property Line (ft.): **20**

Distance to Septic Field or other concentrated contamination (ft.): **City Sewer**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **owner**

Surface Completion: **Surface Slab Installed**

Water Level: **185 ft.** below land surface on **2009-01-19** Measurement Method: **Unknown**

Packers: **KP-305**

Type of Pump: **Submersible**

Well Tests: **Jetted** **Yield: 50 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**No Data**	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Scott Drilling, Inc.**

11923 Green Pine Circle
Houston, TX 77066

Driller Name: **Scott Robinson** License Number: **4839**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**25**	**clay**
25	**110**	**sand**
110	**145**	**clay**
145	**180**	**sand**
180	**190**	**clay**
190	**205**	**sand**
205	**245**	**clay**
245	**335**	**sand**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
4	**N**	**PVC-Casing**	**0-315**
2.5	**N**	**" " Liner**	**305-315**
2.5	**N**	**" " Screen**	**315-335 .10**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-13-6J
Located on map YES
Received: TH

1) OWNER City of Houston (Name) Address P.O. Box 1562 (Street or RFD) Houston (City) Texas (State) 77001 (Zip)

2) LOCATION OF WELL:
County Harris 3.5 miles in N.W. (N.E., S.W., etc.) direction from Houston City Hall (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description: Corner W.15th St. and Herkimer
Section No. ____ Block No. ____ Township ____
Abstract No. ____ Survey Name ____
Distance and direction from two intersecting section or survey lines
100'E of Well No. 65-13-608
XX See attached map.

3) TYPE OF WORK (Check):
XX New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☐ Domestic ☐ Industrial XX Public Supply ☐ Irrigation ☐ Test Well ☐ Other ____

5) DRILLING METHOD (Check):
XX Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other ____

6) WELL LOG:
Date drilled 7-79

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
30	Surface	695
34	695	1,465

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☒ Underreamed
☒ Gravel Packed ☐ Other ____
If Gravel Packed give interval . . . from 695 ft. to 1465 ft.

From (ft.)	To (ft.)	Description and color of formation material
		SEE ATTACHED

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
24	N	Steel	0	695	.500
18	N	Steel	616	695	.375
14	N	Steel	695	1,465	.375
14	N	Screen, Howard Smith Stainless Steel Wire Wrapped, Net 424'	702	1,454	.035

CEMENTING DATA
Cemented from 0 ft. to 695 ft.
Method used Pump & Plug
Cemented by Halliburton Co. (Company or Individual)

9) WATER LEVEL:
Static level 402 ft. below land surface Date 9-79
Artesian flow 0 gpm. Date ____

10) PACKERS: Type Depth
NONE

11) TYPE PUMP:
☒ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other ____
Depth to pump bowls, cylinder, jet, etc., 540 ft.

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes XX No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? XX Yes ☐ No

12) WELL TESTS:
☐ Type Test: ☒ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 2,118 gpm with 468 ft. drawdown after 48 hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME James O'Connor (Type or Print) Water Well Drillers Registration No. 999

ADDRESS 5931 Brittmoore Rd., (Street or RFD) Houston (City) State (State) 77041 (Zip)

(Signed) James O'Connor (Water Well Driller) LAYNE-WESTERN COMPANY, INC. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

4820111062

DRILLER'S LOG

Job M-761
Layne-Western Company, Inc.
Sept. 1979

Page 1
Well Number 7
City of Houston

0- 2	Top Soil
2- 36	Sand & Clay
36- 90	Clay & Sand Stks.
90-134	Sand-Shale
134-228	Shale-Hard Sand Stks.
228-248	Red Sand-Shale
248-260	Sand w/few Shale Stks.
260-265	Shale-Sand
305-308	Sand & Shale
308-315	Sand & Gravel
315-322	Hard Shale & Limestone
322-339	Sand & Gravel
339-346	Shale-Limestone
346-362	Sand
362-375	Sandy Shale
375-385	Sand
385-400	Shale-Limestone
400-430	Sand-Shale Stks.
430-454	Shale-Limestone
454-480	Sandy Shale
480-530	Shale-Sand Stks.
530-555	Med-Hard Shale
555-567	Sandy Clay
567-572	Sand-Clay Stks.
572-630	Sand-Shale Stks.-Clay
630-649	Sand-Shale Stks.
649-652	Shale
652-658	Sandy Shale
658-661	Shale-Sand Stks.
661-665	Sand
665-750	Sand-Shale-Gravel
750-779	Sand-Shale
779-811	Sandy Shale-Limestone
811-842	Sand Shale Stks.

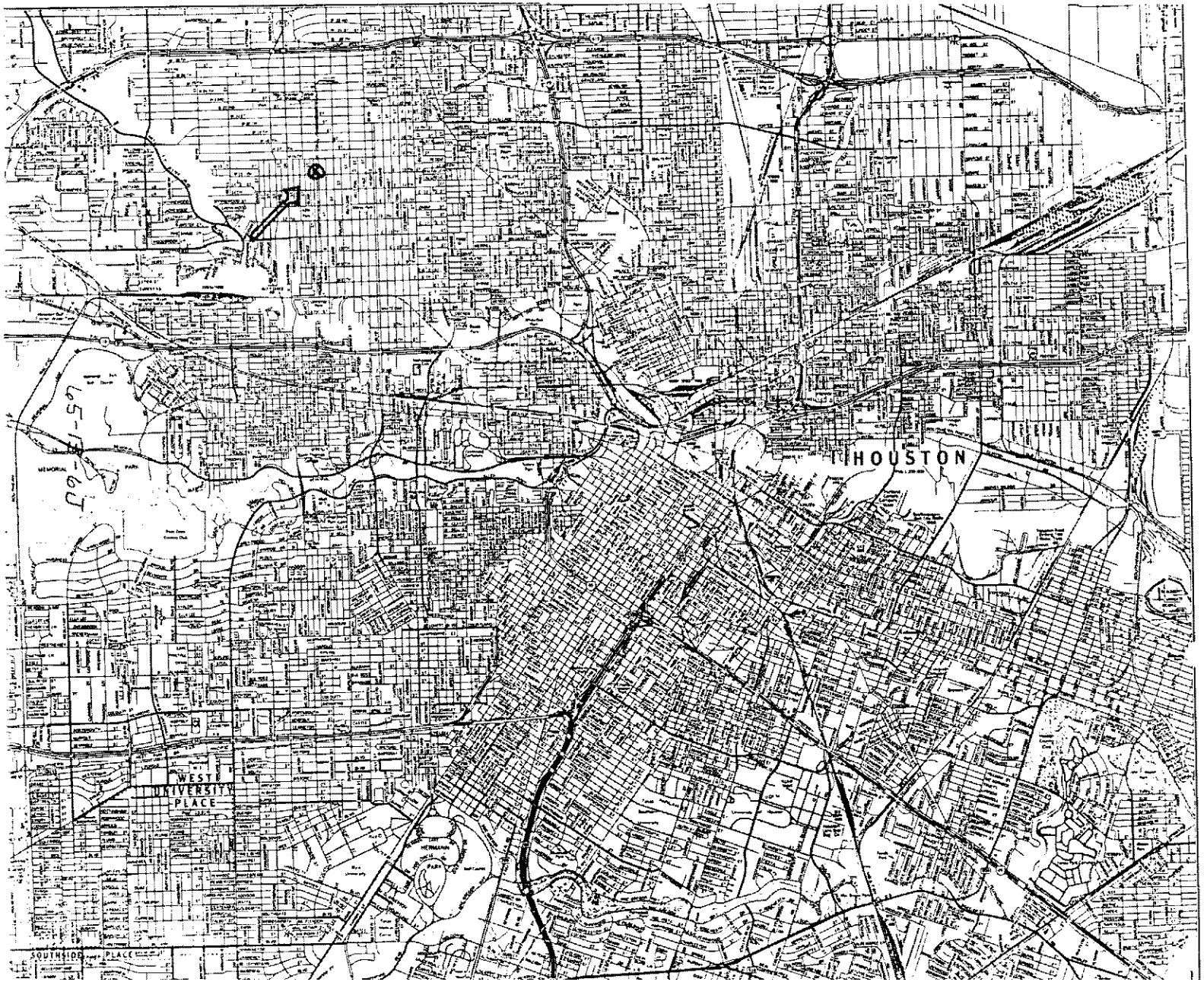
65-13-6J

DRILLER'S LOG

Job M-761
Layne-Western Company, Inc.
Sept. 1979

City of Houston
Well Number 7

842-858	Shale
858-878	Clay & Sand
878-884	Limestone
884-899	Sandy Clay
899-915	Hard Shale-Limestone
915-938	Sandy-Clay
938-1003	Sticky Clay
1003-1018	Sand-Limestone
1018-1080	Clay-Limestone-Shale
1080-1210	Limestone Strks.-Shale
1210-1224	Limestone
1224-1300	Sand-Limestone Strks.
1300-1340	Shale Strks.-Sandy Clay
1340-1345	Sand
1345-1348	Clay
1348-1355	Sand
1355-1358	Limestone
1358-1395	SandyShale-Limestone
1395-1405	Sand
1405-1410	Sandy Shale-Limestone
1410-1418	Sand-Sandy shale
1418-1450	Sand Shale-Limestone
1450-1518	Shale-Sand Strks.
1518-1550	Sand


HOUSTON
WEST UNIVERSITY PLACE
SOUTHSIDE PLACE
HERMANN PARK
I-45
I-69

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-608

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by (CRF) (1932) r (NAR 1941) McAdoo Source of data File Date 2-16-68 Map Houston Heights 1955 1:24000

State Texas [48] County (or town) Harris [LJ]

Latitude: 29 47 52 N (deg 7 min 9 sec 11) Longitude: 095 24 21 (12 degrees 15 min sec 18) Sequential number: 1

Lat-long accuracy: 1 T. ___ N S, R ___ E W, Sec ___, ___ k, ___ k, ___ k

Local well number: LJ-65-13-608 Other number: #7 1412 B & H

Local use: Owner or name: City of Houston

Owner or name: CITY OF HOUSTON Address: Heights Plant

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [M]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other abd. 1974 [P]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Exc, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [X] U

DATA AVAILABLE: Well data [6] Freq. W/L meas.: 1938 Annual [A] Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 5-8-39 [A] Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: — E-log T-20 [E]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1458 ft [1458] Meas. rept Driller accuracy [3]

Depth cased (first perf.): 561 ft [561] Casing type: S; Diam. 25-13 in [25]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other [G]

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other [H]

Date Drilled: 1936 [936] Pump intake setting: ft

Driller: Layne Texas Co. (name), Houston, Texas (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other [T] Deep Shallow [D]

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 150 [W] Trans. or meter no.

Descrip. MP ___ ft above below LSD. Alt. MP

Alt. LSD: 69 [69] Accuracy (source): Topo 5' [3]

Water Level 81.9 ft above below MP; Ft above below LSD [82] Accuracy: driller [D]

Date meas: 4-16-37 [437] Yield: 3050 gpm [3050] Method determined

Drawdown: 63 ft [63] Accuracy: rept. [3] Pumping period hrs

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard. ppm

Sp. Conduct K x 10^6 Temp. °F Date sampled

Taste, color, etc.

PL 144.9 / 81.9 / 63.0

Well No. LJ-65-13-608

Well No. LJ-65-13-608

Latitude-longitude 29 , 47 , 52 (N) S 095 , 24 , 21 , 1
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: Coastal Plain (20–21) 03 Section: _____

F (22) Drainage Basin: 511P (23–25) Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (G) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series, T (28–29) _____ aquifer, formation, group, E (30–31)

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: 591 ft (38–40) 591 Depth to top of: _____ ft (41–43)

MINOR AQUIFER: _____ system, _____ series, Q (44–45) _____ aquifer, formation, group, CL (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: * 561 - 1454.

Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

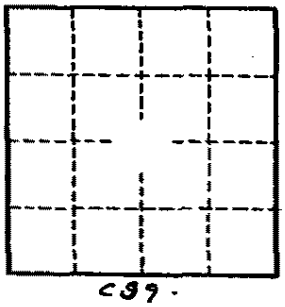
Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

Coefficient Trans: _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)

* screen;

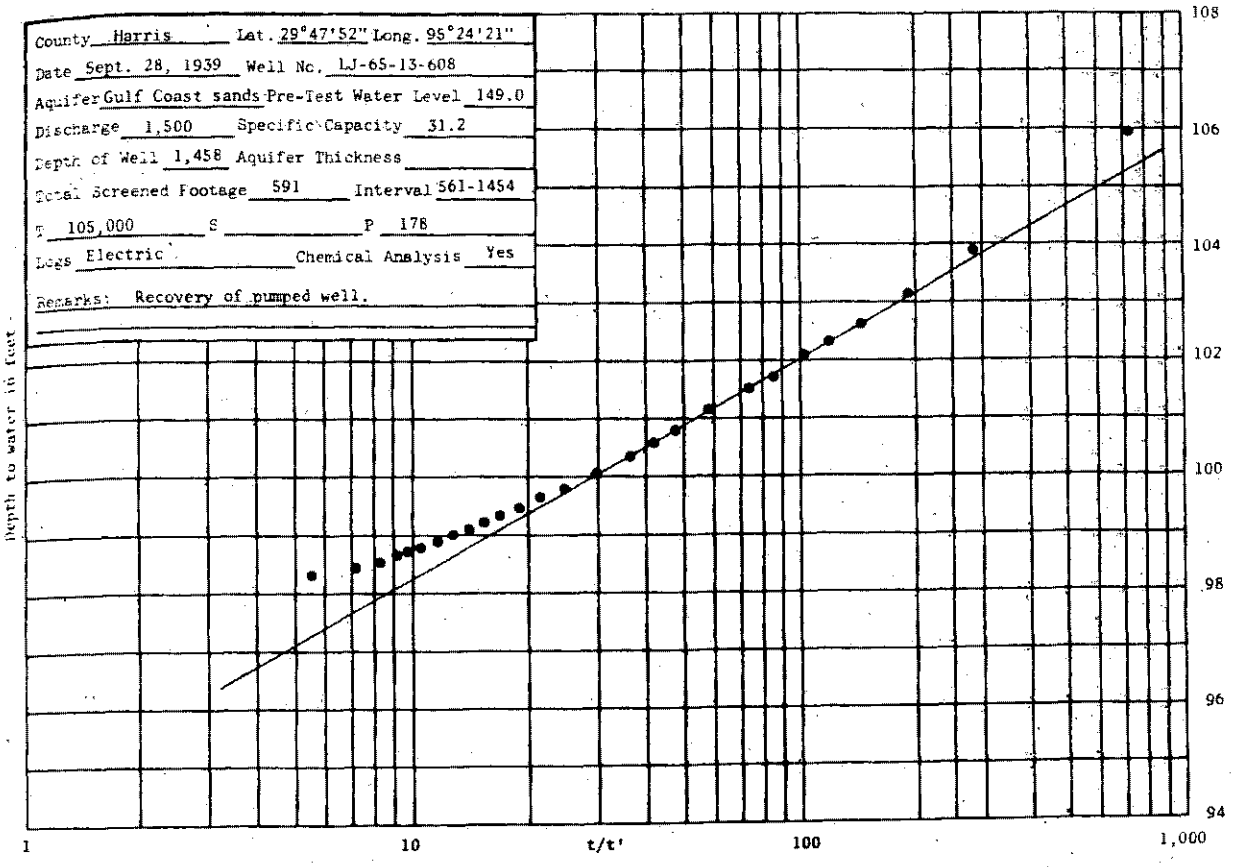
561-651 90
703-778 75
798-848 50
879-912 33
992-1271 279
1352-1384 32
1422-1454. 32



C89.
25" - 0-459
13" - ?

Well No. LJ-65-13-608

GPO 857-700


County Harris Lat. 29°47'52" Long. 95°24'21"
Date Sept. 28, 1939 Well No. LJ-65-13-608
Aquifer Gulf Coast sands Pre-Test Water Level 149.0
Discharge 1,500 Specific Capacity 31.2
Depth of Well 1,458 Aquifer Thickness
Total Screened Footage 591 Interval 561-1454
T 105,000 S P 178
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
108
106
104
102
100
98
96
94
1
10
t/t'
100
1,000

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 627 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 47 53 Longitude - 95 24 22 Source of Coords - 1

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston,
Heights, well #7A

Driller - Layen Western

Address _____ Tenant/Oper. _____
Date Drilled - 09/ /1979 Depth - 1,465 ft. Source of Depth - D Altitude - 69 ft. Source of Alt. - M
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) | Setting(feet) From | To

LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages _____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- PUBLIC SUPPLY Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- C Quality- Y Logs- Other Data-

WATER LEVELS Date- 11/30/1981 Measurement- -360.00
Date- 01/23/2001 Measurement- -311.38

Recorded By _____ Date Record Collected or Updated- 12/ /1988

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -
Owner Heights, well #7-A. Reported
yield 2100 gpm with 68 ft drawdown.

Send original copy by certified mail to: **Texas Water Commission, P.O. Box 13087, Austin, Texas 78711**

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

(18) Km4gic

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) **OWNER** Courtesy Chevrolet (Name) **ADDRESS** 7777 Katy Freeway (Street or RFD) (City) (State) (Zip)

2) **LOCATION OF WELL:** 7777 Katy Freeway
County Harris _____ miles in _____ (NE, SW, etc.) direction from _____ (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **LEGAL DESCRIPTION:**
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ **SEE ATTACHED MAP** on 65-05-8

3) **TYPE OF WORK (Check):** ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☑ Domestic ☑ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) **DRILLING METHOD (Check):** ☐ Driven ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) **WELL LOG:**
Date Drilling: Started 5-19 1989 Completed 5-20 1989

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	450'

From (ft.)	To (ft.)	Description and color of formation material
0'	18'	Topsoil & Clay
18'	45'	Surface Sand
45'	75'	Clay
75'	165'	Sandy Clay
165'	178'	Sand
178'	223'	Clay
223'	275'	Sand
275'	290'	Clay
290'	295'	Sand
295'	355'	Clay

(Use reverse side if necessary)

7) **BOREHOLE COMPLETION:** ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) **CASING, BLANK PIPE, AND WELL SCREEN DATA:**

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4"	N	Galvanized	0'	430'	
2"	N	galvanized	425'	430'	
2"	N	PVC	430'	455'	.016

9) **CEMENTING DATA** [Rule 287.44(1)]
Cemented from 0' ft. to 15' ft. No. of Sacks Used _____
380' ft. to 430' ft. No. of Sacks Used _____
Method used Halliburton
Cemented by Russell & Son, Inc.

10) **SURFACE COMPLETION**
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☑ Approved Alternative Procedure Used [Rule 287.71]

11) **WATER LEVEL:**
Static level 260' ft. below land surface Date 5-20-89
Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type Depth

13) **TYPE PUMP:**
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) **WELL TESTS:**
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☑ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) **WATER QUALITY:**
Did the drilling penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Russell & Son, Inc. (Type or print) **WELL DRILLER'S LICENSE NO.** 2035

ADDRESS P.O. Box 974 (Street or RFD) Tomball (City) TX (State) 77375 (Zip)

(Signed) Craig Russell (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

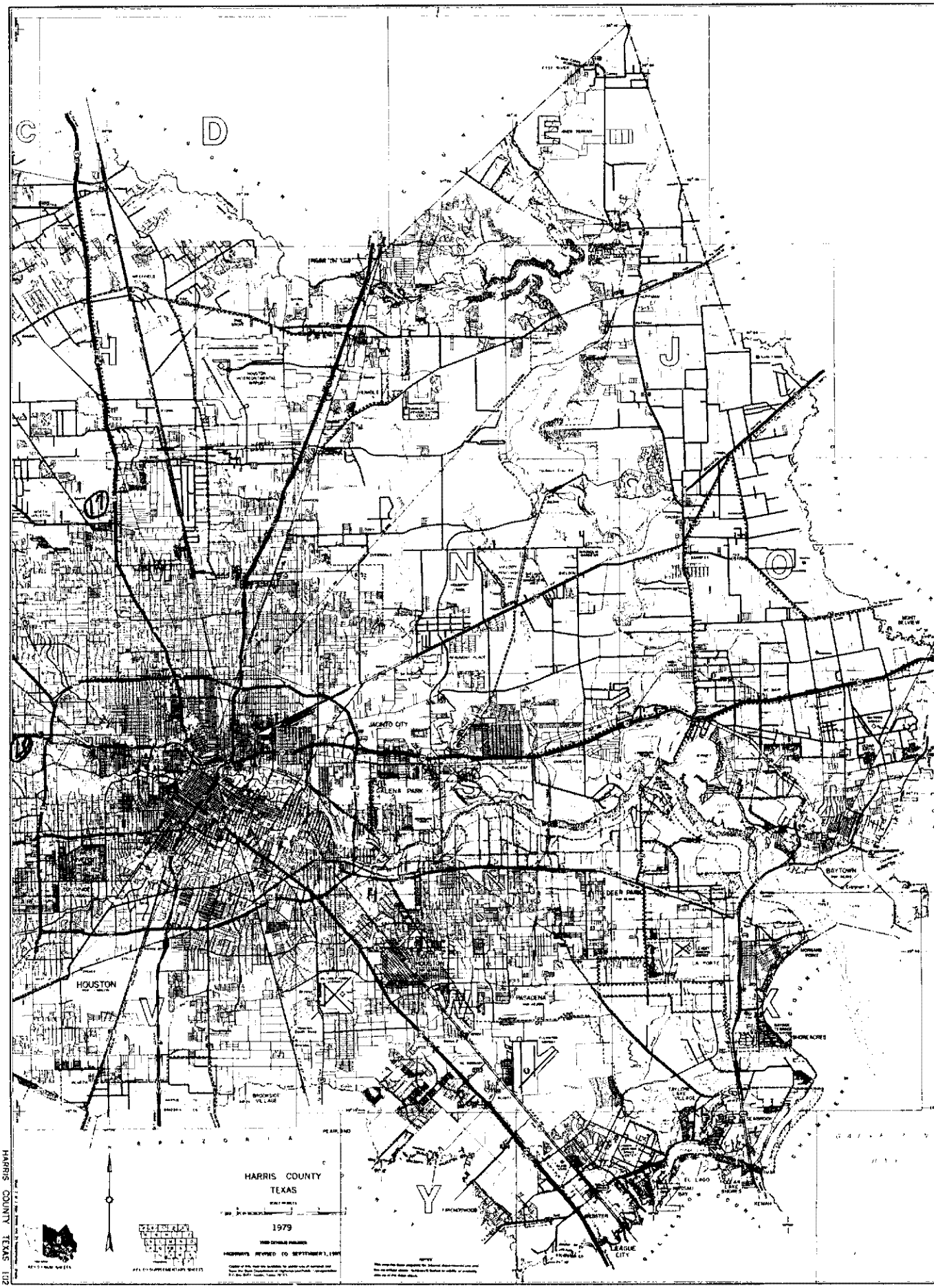
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 65-13-4 Located on map ___

WWD-012 (Rev. 09/21/88)

TEXAS WATER COMMISSION COPY

4P20111044


HARRIS COUNTY
TEXAS
1979
HOUSTON
JACINTO CITY
GALENA PARK
DEER PARK
PASADENA
BAYTOWN
SHORE ACRES
EL LAGO
KEMAH
LEAGUE CITY
PEARLAND
BROOKSIDE VILLAGE
BRIDGEWOOD
C
D
E
H
J
N
O
V
W
X
Y
K

65-13-70

File original copy with
Texas Water Commission
P. O. Box 2311, Capitol Station
Austin 11, Texas

State of Texas

DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No.
Located on map
By Date
Map no.

1) Well Owner: H.A. LOTT, INC. (WELL AT 7778 KATY FREE WAY) (Name, Street or RFD, City, State)

2) Land Owner: WELL IS FOR RAMADA INS. (CONT WATER + TREES, GRASS LATER) (Name, Street or RFD, City, State)

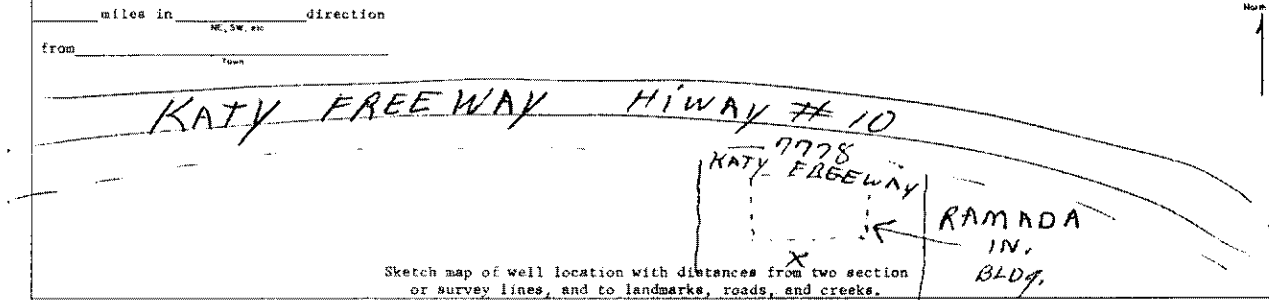
3) Intended use: Industrial ☒ ;Municipal ☐ ;Irrigation ☐ ;Other (USING TO CHECK LINES IN BLDG.)

4) Location of well: County HARRIS Labor League Abstract No.

NW¼ NE¼ SW¼ SE¼ of Section Block No. Survey
(Circle as many as are known)

miles in NE, SW, etc direction
from Town

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.



DRILLERS LOG OF WELL

Method of drilling: INSIDE SET SCREEN Diameter of hole 4" ID in. Date drilled 12-30-73

All measurements made from -0- ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	4	BROWN GRAY TOP SOIL	298	321	VERY HEAVY SAND & GRAVEL
4	45	GRAY CLAY W/PEBBLES -	BOTTOM OF WELL		
45	56	FINE WHITE SAND			CLAY.
56	96	RED CLAY TO GRAY			
96	101	FAIR SAND			
101	216	RED CLAY TO GRAY			
216	241	GOOD COURSE SAND			
241	298	VERY STICKLY CLAY			

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION

Straight wall ☐
Under reamed ☐
Gravel packed ☐
Open hole ☐
Other 4" SET TO 240' INSIDE SCREEN SET TO 321' ON 2½" GALV. PIPE AND SCREEN. W/LEAD SEAL.

CASING

Type: Old ☐ New ☒ 4" PLASTIC 2½" GALV.
Cemented from 0 ft.
to 240 ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
4" ID	0	240
2½"	240	311

SCREEN

Type 2½" PLASTIC ON GALV PIPE
Perforated ☐ Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (ft)
2½"	311	321'

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

Cecil L. Ellis (Signature) ELLIS WATER WELL DRLG. (Company Name) Reg. No. 815

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA

Static water level 131 FT.
ft. below GROUND LEVEL

Pumping level

feet	hours	gpm

Pump type 16 STAGE AERMOTOR SUBMERSIBLE
Designed pumping rate 23 gpm ☑ gph ☐
Type power unit 220 VOLT SINGLE PHASE
Horsepower 1½ HP.
Depth to bowls, cylinder, jet, etc., 222' ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company:

C-34 (62-4)

4820107542

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-604

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by McAdoo Anderson & Gabrysch 1962 — Source of data File — Date 2-16-68 — Map Houston Heights 1:24000 1955

State: Texas [48] — County (or town): Harris [LJ]

Latitude: 29 48 16 N — Longitude: 095 24 25 — Sequential number: 1

Lat-long accuracy: 1 — T. ___ S, R ___ W, Sec ___, ___ k, ___ k, ___ k

Local well number: LJ-65-13-604 — Other number: B & H #16

Local use: — Owner or name: City of Houston

Owner or name: CITY OF HOUSTON — Address: Heights Plant Nicholson + 21st St.

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — M

Use of water: (A) Air cond, (B) Bottling, (Comm) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mud, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — P

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (Q) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (S) Destroyed — W

DATA AVAILABLE: Well data 1 — Freq. W/L meas.: Annual 1962 — S — Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 6-16-62 — A — Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: E-log (T-14) — E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 1890 ft — 1890 — Meas. (Rep) Driller — accuracy 3

Depth cased (first perf.): 610 ft — 610 — Casing type: S; Diam. 24-12 in — 24

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (V) shored, (X) open hole, (Z) other — G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other — H

Date Drilled: 4-10-62 — 962 — Pump intake setting: ___ ft

Driller: Texas Water Wells Inc. (name) Houston, Texas (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other — S — Deep / Shallow — D

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 300 — Trans. or water no.

Descrip. MP: Agitator pipe +10.0 ft above/below LSD. Alt. MP

Alt. LSD: 68 — 68 — Accuracy (source): Topo 5' — 3

Water Level: 10 min static 272.70 ft above/below MP; Ft above/below LSD — 263 — Accuracy: Meas — A

Date meas: 6-16-62 — 662 — Yield: 2565 gpm — 2565 — Method determined — 4

Drawdown: 41 ft — 41 — Accuracy: Meas — 0 — Pumping period 48 hrs — 48

QUALITY OF WATER DATA: Iron ___ ppm — Sulfate ___ ppm — Chloride ___ ppm — Hard. ___ ppm

Sp. Conduct ___ K x 10^6 — Temp. ___ °F — Date sampled

Taste, color, etc.

P/L -LSD
313.76
272.70
41.06

Well No. LJ-65-13-604

Well No. LJ-65-13-604

Latitude-longitude 29 (d), 48 (m), 16 (s) N 095 (d), 24 (m), 25 (s), 1

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: coastal plain [03] (20–21) Section:

[F] (22) Drainage Basin: [51R] (23–25) Subbasin: (24)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat (27)

MAJOR AQUIFER: system, series [T] (28–29) aquifer, formation, group [E] (30–31)

Lithology: (32–33) Origin: (34) Aquifer Thickness: ft

(35–37) Length of well open to: 430 ft [430] (38–40) Depth to top of: ft (41–43)

MINOR AQUIFER: system, series (44–45) aquifer, formation, group (46–47)

Lithology: (48–49) Origin: (50) Aquifer Thickness: ft

(51–53) Length of well open to: ft (54–56) Depth to top of: ft (57–59)

Intervals Screened: * 610 – 1860

Depth to consolidated rock: ft (60–63) Source of data: (64)

Depth to basement: ft (65–68) Source of data: (69)

Surficial material: (70–71) Infiltration characteristics: (72)

Coefficient Trans: – gpd/ft (73–75) Coefficient Storage: (76–78)

Coefficient Perm: – gpd/ft^2; Spec cap: – gpm/ft; Number of geologic cards: (79)

* Screen

610-640
670-695
750-760
780-810
815-830
875-895
975-1010
1020-1040
1060-1080
1090-1100
1135-1155
1180-1230
1285-1305
1335-1355
1415-1435
1615-1635
1655-1665
1685-1695
1775-1790
1800-1815
1845-1860.

csg. record.
24" 0-590
12" 500-1890

Well No. LJ-65-13-604

GPO 857-700

Water Resources Division
Austin, Texas

020969

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 48 16	095 24 25	01

County code 201 County HARRIS

Well # LJ-65-13-604

Project number 7-4648-01000

Date 2-8-77 Time — Temp°C 28.0

Owner City of Houston

Address Heights #16

Date drld — WBF code 121 Eval

Sample interval: (top) 610 (bottom) 1860

Water level — Appr CLEAR Use PS

Collector PETERS (SUTTER) Yield _____ GPM

Smpld aftr pmpg ON ARRIVAL Depth —

Pt of coll tap on discharge

Field: Cond — pH — HCO_3 — DO —

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I

Other

Herbicide Insecticide

Remarks:

Type 2 (1) Station identification number 294816095242501 (2–16)

Y M D (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	6100	03	
Sample interval BOTTOM	72016	1860	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2800	02		28.
pH	00400	7900	01		7.9
Specific conductance	00095	7020	03		70
HCO_3	00440	3240	03		32
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6200	02		62
Sulfate (SO_4)	00945	6400	01		6.4
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

TX-73Q
(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017558

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 48 16	095 24 25	01

County code 201 County Harris

Well # LJ-65-13-604

Project number 4648-01000

Date 2-13-76 Time ____ Temp°C 26.5

Owner City of Houston

Address Heights #16

Date drld ____ WBF code 121 EVGL

Sample interval: (top) 610 (bottom) 1860

Water level — Appr clear Use PS

Collector Wafel Yield — GPM

Smpld aftr pmpg on arrival Depth —

Pt of coll tap on discharge

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I

Other ____

Herbicide ____ Insecticide ____

Remarks:

Type 2 (1) Station identification number 29481609524250 1 (2–9) 16

Y M D 76 02 13 (17 Begin 22)

Time of measurement ____ (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	6100	03	
Sample interval BOTTOM	72016	1860	04	

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2650	02		26.5
pH	00400	7800	01		7.8
Specific conductance	00095	5360	03		536
HCO_3	00440	2540	03		254
CO_3	00445	0000	01		0
Chloride (Cl)	00940	3700	02		37
Sulfate (SO_4)	00945	1400	02		14
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Streptococci	31679				
BOD	00310				

Water Resources Division
Austin, Texas

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 48 16	095 24 25	01

County code 201 ~~LJ~~ County Harris

Well # LJ-65-13-604

Project number 5-4648-01000

Date 2-3-75 Time ____ Temp°C 27.5

Owner City of Houston

Address Heights # 16

Date drld 4-10-62 WBF code 121EVGL

Sample interval: (top) 610 (bottom) 1860

Water level ____ Appr ____ Use PS

Collector Naftel Yield PS GPM

Smpld aftr pmpg on arr Depth 1890

Pt of coll tap on pipe

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I + SO4

Other ____

Herbicide ____ Insecticide ____

Remarks:

Type 2 (1)

Station identification number 294816095242501 (2–16)

Y	M	D
75	02	03

(17 Begin 22)

Time of measurement ____ (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008	1890	04	
Yield (GPM)	00059			
Sample interval TOP	72015	610	03	
Sample interval BOTTOM	72016	1860	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2750	02		27.5
pH	00400	8000	01		8.0
Specific conductance	00095	6810	03		68
HCO_3	00440	3140	03		314
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6000	02		60
Sulfate (SO_4)	00945	8000	01		8.0
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

Water Resources Division
Austin, Texas

010000

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 48 16	095 24 25	01

County code 101 County Harris

Well # LJ-65-13-604

Project number T-4648-01000

Date 9-17-76 Time 1000 Temp °C ?

Owner City of Houston

Address Heights #16

Date drld — WBF code 121 Evgl

Sample interval: (top) 610 (bottom) 1860

Water level — Appr Clear Use PS

Collector Bezant Yield — GPM

Smpld aftr pmpg on arrival Depth —

Pt of coll Tap on discharge

Field: Cond — pH — HCO_3 — DO —

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I

Other

Herbicide Insecticide

Remarks:

Type 2 (1)

Station identification number 294816095242501 (2–16)

Y M D: 760917 (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	6100	03	
Sample interval BOTTOM	72016	1860	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010				
pH	00400	7900	01		7.9
Specific conductance	00095	6950	03		695
HCO_3	00440	3200	03		32
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6300	02		63
Sulfate (SO_4)	00945	7600	01		76
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

Letter

File original copy with
Texas Water Commission
P. O. Box 2311, Capitol Station
Austin 11, Texas

State of Texas

DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 65-58-6a
Location on map 4444
By [illegible] Date 63
Map no. 102(2)

1) Well Owner: City of Houston — Houston, Texas
(Name, Street or RFD, City, State)

2) Land Owner: _____
(Name, Street or RFD, City, State)

3) Intended use: Industrial ☐ ; Municipal ☒ ; Irrigation ☐ ; Other _____

4) Location of well: County Harris Labor _____ League _____ Abstract No. _____

NW¼ NE¼ SW¼ SE¼ of Section _____ Block No. _____ Survey _____
(Circle as many as are known)

_____ miles in _____ direction
(N, NW, etc.)

from _____
(Name)

Heights Water Well No. 18

OK

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and streams.

DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 9-7/8 in. Date drilled April 1962

All measurements made from _____ ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
		Attached			

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION

Straight well ☐
Under reamed ☒
Gravel packed ☒
Open hole ☐
Other _____

CASING

Type: Old ☐ New ☒
Cemented from 0 ft.
to 590 ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
24"	0	590

SCREEN

Type Stainless Steel Wire Wrapped
Perforated ☐ Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (ft)
	Attached	

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

_____ (Signature) Texas Water Wells, Inc. (Company Name) Reg. No. 166

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA

Static water level _____
ft. below _____

Pumping level feet	hours	gpm
Attached		

Pump type Not Furnished By Us.
Designed pumping rate _____ gpm ☐ gph ☐
Type power unit _____
Horsepower _____
Depth to bowls, cylinder, jet, etc., _____ ft. below pump base.

[illegible]ing well or installing permanent pump if other than your company: _____

65 13 6a

WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FASCETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.

TRU-GRAVEL-WALL WELLS

901 MC CARTY DRIVE, HOUSTON 29, TEXAS, PHONE OR-3-7591

CITY OF HOUSTON
Heights Water Well #16

April 1962

DRILLER'S LOG

FROM	TO	FORMATION
0	0	Battery to Level
0	65	Clay
65	75	Shale
75	78	Shell
78	120	Red Clay
120	220	Sand & Clay
220	320	Sand & Shale
320	441	Sandy Shale
441	451	Sand
451	520	Sandy Shale
520	570	Shale
570	590	Sand
590	610	Shale
610	690	Sand
690	670	Shale
670	715	Sand
715	780	Sandy Shale
780	840	Sand
840	875	Shale
875	915	Sand
915	975	Shale
975	1040	Sand
1040	1090	Shale
1090	1160	Sand
1160	1175	Shale
1175	1240	Sand
1240	1290	Shale
1290	1310	Sand
1310	1340	Shale
1340	1360	Sand

Attach: 7 Pages
WQM 65-13-6w

65-13-604

City of Houston
Heights #10

April 1968

Driller's Log - Continued

FROM	TO	FORMATION
1300	1415	Shale
1415	1440	Sand
1440	1480	Shale, Sandy
1480	1610	Shale
1610	1685	Sand
1685	1740	Sandy Shale
1740	1760	Shale
1760	1805	Sand
1805	1811	Shale
1811	1851	Sand
1851	1870	Shale
1870	1880	Sand
1880	1940	Shale
1940	2011	Sandy Shale
2011	2050	Sand
2050	2097	Shale

65-13-5-126a
65-13-604

TEXAS WATER COMMISSION

COMMISSIONERS

JOE D. CARTER, CHAIRMAN
O. F. DENT
H. A. BECKWITH

813 STATE OFFICE BUILDING
201 EAST 14TH STREET

AREA CODE 512
GREENWOOD 6-6791

P. O. BOX 2311
CAPITOL STATION
AUSTIN 11, TEXAS

JOHN J. VANDERTULIP
CHIEF ENGINEER

C. R. BASKIN
ASS'T. CHIEF ENGINEER

ELBERT HOOPER
CHIEF EXAMINER

BEN F. LOONEY, JR.
SECRETARY

November 13, 1962

Mr. L. M. Fawcett, Secretary
Texas Water Wells, Inc.
951 McCarty Drive
Houston 29, Texas

Dear Sir:

This is to acknowledge receipt on November 8, 1962 of the Drillers Log and Well Data Report sent in by your company for a well drilled in Harris County for City of Houston, Heights Water Well No. 16, on April-1962.

When your logs are received at this office they are located and plotted on county highway maps, this is our reason for requesting accurate location information and a sketch giving distance and direction of the well from permanent land marks.

Our ability to plot these wells with relative accuracy greatly increase their value to us in our work.

We would appreciate receiving this information on the above named well at your earliest convenience.

Please utilize the back of this letter for the requested information.

Yours truly,

James R. Wall

James R. Wall,
Geologic Aide

JRW:jlt

RECEIVED
DEC 13 1962
TEXAS WATER COMMISSION
AUSTIN, TEXAS

RECEIVED NOV 15 1962

65-13-60a
65-13-604

WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.

TRU-GRAVEL-WALL WELLS

951 MC CARTY DRIVE, HOUSTON 29, TEXAS, PHONE OR-2-7581

April - 1962

City of Houston
Houston, Texas

Water Well No. Heights 16

SETTING DATA

SURFACE CASING:

SET AND CEMENTED IN PLACE: 300' of 24" O. D., .375" W. T. P. E. Casing.

SCREEN AND BLANK LINER:

FROM	TO	DESCRIPTION
300'	610'	12-3/4" Blank Liner
610'	640'	12-3/4" S. S. Screen
640'	670'	12-3/4" Blank Liner
670'	695'	12-3/4" S. S. Screen
695'	750'	12-3/4" Blank Liner
750'	760'	12-3/4" S. S. Screen
760'	780'	12-3/4" Blank Liner
780'	810'	12-3/4" S. S. Screen
810'	815'	12-3/4" Blank Liner
815'	830'	12-3/4" S. S. Screen
830'	875'	12-3/4" Blank Liner
875'	895'	12-3/4" S. S. Screen
895'	975'	12-[illegible]" Blank Liner
975'	1010'	12-3/4" S. S. Screen
1010'	1020'	12-3/4" Blank Liner
1020'	1040'	12-3/4" S. S. Screen
1040'	1060'	12-3/4" Blank Liner
1060'	1080'	12-3/4" S. S. Screen
1080'	1090'	12-3/4" Blank Liner
1090'	1100'	12-3/4" S. S. Screen
1100'	1125'	12-3/4" Blank Liner
1125'	1155'	12-3/4" S. S. Screen

65-13-6a

65-13-604

City of Houston
Houston, Texas

Water Well No. Heights 16

SETTING DATA (cont'd)

FROM	TO	DESCRIPTION
1155'	1180'	12-3/4" Blank Liner
1180'	1200'	12-3/4" S. S. Screen
1200'	1225'	12-3/4" Blank Liner
1225'	1245'	12-3/4" S. S. Screen
1245'	1265'	12-3/4" Blank Liner
1265'	1285'	12-3/4" S. S. Screen
1285'	1305'	12-3/4" Blank Liner
1305'	1325'	12-3/4" S. S. Screen
1325'	1345'	12-3/4" Blank Liner
1345'	1365'	12-3/4" S. S. Screen
1365'	1385'	12-3/4" Blank Liner
1385'	1405'	12-3/4" S. S. Screen
1405'	1415'	12-3/4" Blank Liner
1415'	1435'	12-3/4" S. S. Screen
1435'	1455'	12-3/4" Blank Liner
1455'	1475'	12-3/4" S. S. Screen
1475'	1495'	12-3/4" Blank Liner
1495'	1515'	12-3/4" S. S. Screen
1515'	1535'	12-3/4" Blank Liner
1535'	1555'	12-3/4" S. S. Screen
1555'	1575'	12-3/4" Blank Liner
1575'	1595'	12-3/4" S. S. Screen
1595'	1615'	12-3/4" Blank Liner
1615'	1635'	12-3/4" S. S. Screen
1635'	1655'	12-3/4" Blank Liner
1655'	1675'	12-3/4" S. S. Screen
1675'	1695'	12-3/4" Blank Liner
1695'	1715'	12-3/4" S. S. Screen
1715'	1735'	12-3/4" Blank Liner
1735'	1755'	12-3/4" S. S. Screen
1755'	1775'	12-3/4" Blank Liner
1775'	1795'	12-3/4" S. S. Screen
1795'	1815'	12-3/4" Blank Liner
1815'	1845'	12-3/4" S. S. Screen
1845'	1865'	12-3/4" Blank Liner
1865'	1885'	12-3/4" S. S. Screen
1885'	1905'	12-3/4" Blank Liner
		with back pressure valve and weld mesh plug.

65-13-6a

65-13-60*

WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.

TRU-GRAVEL-WALL WELLS

981 MCCARTY DRIVE, HOUSTON 29, TEXAS, PHONE OR-2-7561

July 13, 1962

City of Houston
Heights #18
Houston, Texas

Date Started June 14, 1962
Orifice 12 x 18
Water Level [illegible]'
Airline [illegible]'

PUMPING TEST

TIME	HEAD IN INCHES	PUMPING LEVEL	GPM
1:00 pm started test			
2:00	23	304	2380
3:00	23.5	304	2352
4:00	23	302	2380
5:00	25	312	2461
6:00	25	312	2461
7:00	25	312	2461
8:00	25	312	2461
9:00	24	310	2409
10:00	24	310	2409
11: 00	24	312	2409
12:00	25	312	2461
1:00 Am	26	312	2513
2:00	26	312	2513
3:00	26	319	2513
4:00	26	317	2513
5:00	26	317	2513
6:00	25	317	2461
7:00	26	319	2513
8:00	26	320	2513
9:00	26	320	2513
10:00	25 1/2	319	2487
11:00	25	318	2461
12:00	25	311	2461
1:00 pm	25	311	2461
2:00	24 1/2	315	2435
3:00	24	314	2409
4:00	23.5	312	2382
5:00	24.5	315	2435
6:00	24.5	315	2435
7:00	24.5	315	2435
8:00	24	315	2409

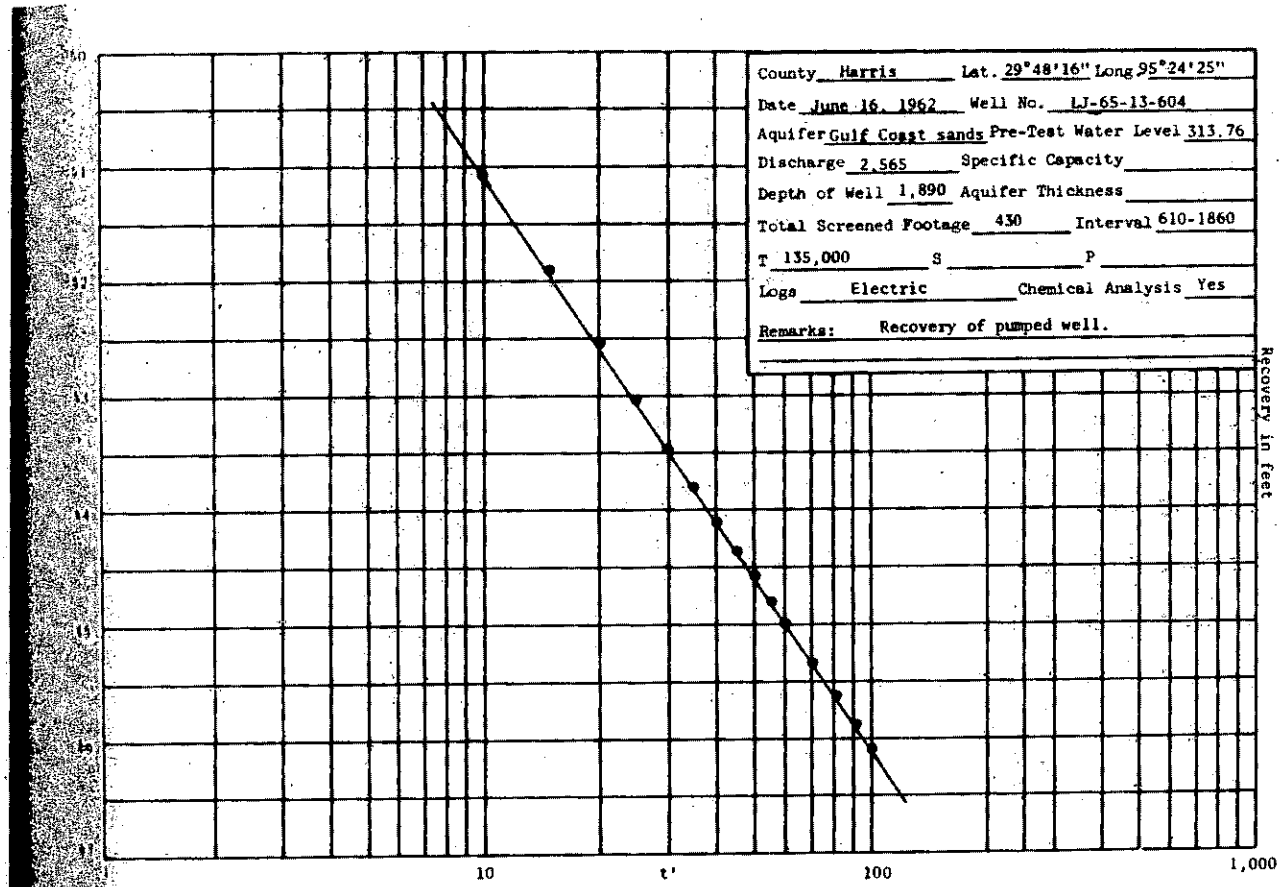
65-13-6a

65-13-604

9:00	24	314	2409
10:00	24	314	2409
11:00	24	314	2409
12:00	24	314	2409
6-16-62			
1:00am	25	317	2461
2:00	25	317	2461
3:00	26	320	2513
4:00	26.5	320	2539
5:00	27	319	2565
6:00	27	319	2565
7:00	26	319	2513
8:00	25	318	2461
9:00	26	319	2513
10:00	26	319	2513
11:00	25	318	2461
12:00	27	320	2565
1:00pm	27	320	2565

RECOVERY	WATER LEVEL
1:05	273.18
1:10	272.70
1:15	271.86
1:20	271.23
1:25	270.74
1:30	270.33
1:35	2[illegible].98
1:40	269.68
1:45	269.42
1:50	269.19
1:55	268.98
2:00	268.79
2:10	268.46
2:20	268.15
2:30	267.89
2:40	267.66

65-13-6a
65-13-6e


County Harris Lat. 29°48'16" Long 95°24'25"
Date June 16, 1962 Well No. LJ-65-13-604
Aquifer Gulf Coast sands Pre-Test Water Level 313.76
Discharge 2,565 Specific Capacity
Depth of Well 1,890 Aquifer Thickness
Total Screened Footage 430 Interval 610-1860
T 135,000 S P
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
10
t'
100
1,000

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 606 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 48 14 Longitude - 95 24 17 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Heights #5

Driller - Layne Texas

Address _____ Tenant/Oper. _____
Date Drilled - / /1931 Depth - 1,858 ft. Source of Depth - Altitude - 67 ft. Source of Alt. - M
Aquifer - 112CEVG CHICOT AND EVANGELINE AQUIFERS Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____
Completion - _____
Casing Material - _____
Screen Material - _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (
Open Hole (O)
Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- Y Logs- Other Data- AC

WATER LEVELS Date- 11/14/1938 Measurement- -63.60
Date- 02/13/1964 Measurement- -210.70

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -
256 ft of screen between 410 and
1856 ft. Reportedc yield 2500 gpm
when drilled. Flowing 6 ft above
ground when drilled. Test hole
drilled to 2090 ft. Well destroyed.
Well 5. Aquifer test data in TWDB
R-98.

County Harris Lat. 29°48'12" Long. 95°24'15"

Date Oct. 28, 1939 Well No. LJ-65-13-606

Aquifer Gulf Coast sands Pre-Test Water Level 168

Discharge 2,050 Specific Capacity 47.7

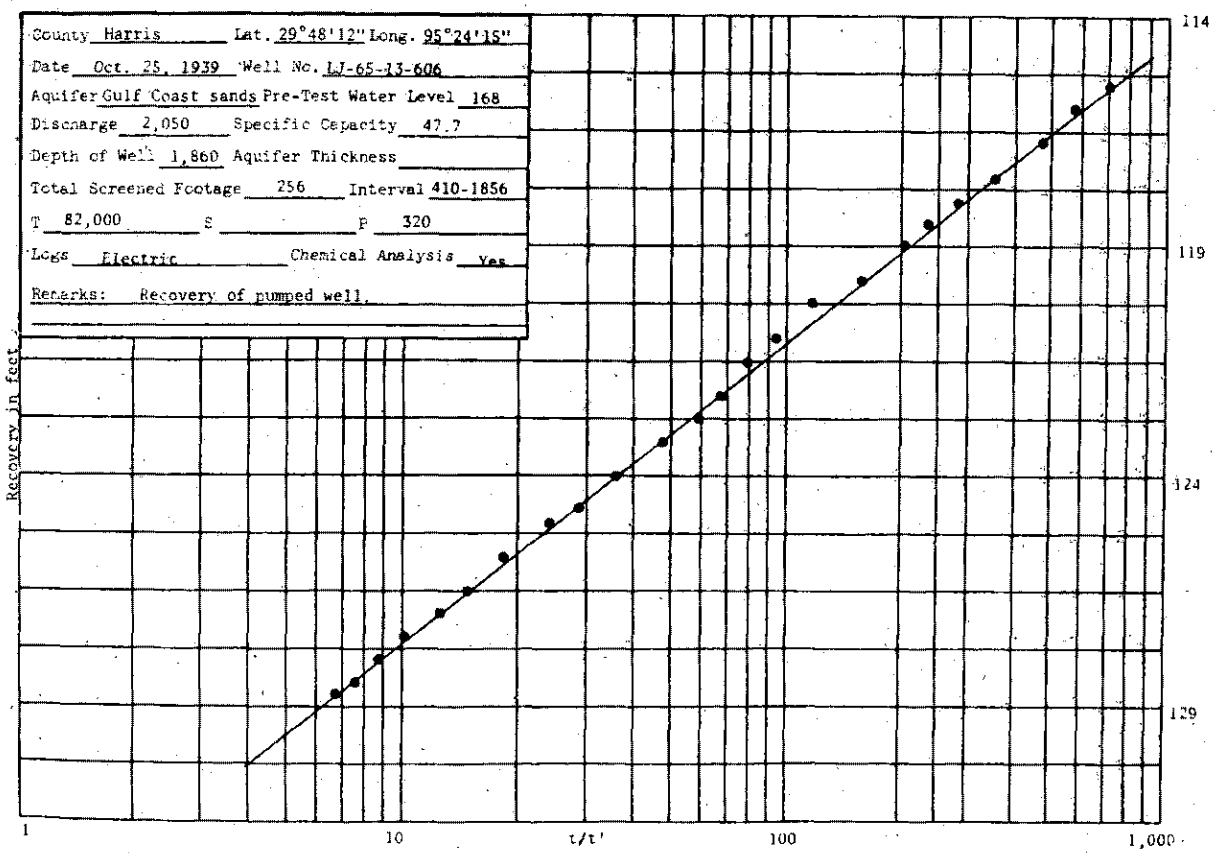
Depth of Well 1,860 Aquifer Thickness

Total Screened Footage 256 Interval 410-1856

T 82,000 S P 320

Logs Electric Chemical Analysis Yes

Remarks: Recovery of pumped well.



WRD Exp. (GW)
April 1966

Well No. LJ-65-13-607

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by (CRF 1939) McAdoo (NAR 1941) Source of data File Date 2-16-68 Map Houston Heights 1955 1:24000

State Texas [48] County (or town) Harris [LJ]

Latitude: 29 48 10 N S (deg 7 min 9 sec 11) Longitude: 095 24 18 (12 degrees 15 min sec 18) Sequential number: [1]

Lat-long accuracy: [1] T. ____ N S, R ____ W E, Sec ____, ____ k, ____ k, ____ k

Local well number: LJ-65-13-607 Other number: #8 B & M 1411

Local use: Owner or name: City of Houston

Owner or name: CITY OF HOUSTON Address: Heights Plant

Ownership: (C) County, (F) Fed Gov't, (M) City, (H) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [M]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, Desal-other, (Z) Other Ind. [U]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Ø) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [U]

DATA AVAILABLE: Well data [6] Freq. W/L meas.: Annual 1938 — 69 [A] Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 6-20-39 [T] Pumpage inventory: yes no, period: —

Aperture cards: yes

Log data: E log T-13 [E]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1252 ft [1252] Meas. (rep) Driller accuracy [3]

Depth cased (first perf.) 558 ft [558] Casing type: S; Diam. 21½-12¾ in [21]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Ø) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other [G]

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other [H]

Date Drilled: 1938 [938] Pump intake setting: ____ ft

Driller: Layne Texas Co. (name), Houston, Texas (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other [T] Deep Shallow [D]

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. not used [W] Trans. or meter no.

Descrip. MP ____ ft above below LSD. Alt. MP ____

Alt. LSD: 67 [67] Accuracy (source) Topo 5' [3]

Water Level 88.45 ft above below MP; Ft above below LSD [88] Accuracy: tape [A]

Date meas: 11-14-38 [N38] Yield: ____ gpm Method determined

Drawdown: ____ ft Accuracy: ____ Pumping period ____ hrs

QUALITY OF WATER DATA: Iron ____ ppm Sulfate ____ ppm Chloride ____ ppm Hard. ____ ppm

Sp. Conduct ____ K x 10^6 Temp. ____ °F Date sampled

Taste, color, etc.

Well No. LJ-65-13-607

Well No. LJ-65-13-607

Latitude-longitude 29 d, 48 m, 10 s N 095 d, 24 m, 18 s W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1, 19) Physiographic Province: Coastal Plain (20, 21) 03 Section:

F (22) Drainage Basin: 511 (23–25) Subbasin: (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat (27)

MAJOR AQUIFER: system, series T (28, 29) aquifer, formation, group E (30, 31)

Lithology: (32, 33) Origin: (34) Aquifer Thickness: ft

(35–37) Length of well open to: 387 ft 387 (38–40) Depth to top of: ft (41–43)

MINOR AQUIFER: system, series G (44, 45) aquifer, formation, group CL (46, 47)

Lithology: (48, 49) Origin: (50) Aquifer Thickness: ft

(51–53) Length of well open to: ft (54–56) Depth to top of: ft (57–59)

Intervals Screened: * 558-1240

Depth to consolidated rock: ft (60–63) Source of data: (64)

Depth to basement: ft (65–68) Source of data: (69)

Surficial material: (70, 71) Infiltration characteristics: (72)

Coefficient Trans: ✓ gpd/ft (73–75) Coefficient Storage: (76–78)

Coefficient Perm: ✓ gpd/ft^2; Spec cap: ✓ gpm/ft; Number of geologic cards: (79)

* screen:

558-580 22
679-760 81
778-829 51
958-1007 49
1017-1042 25
1062-1156 94
1175-1240 65

CJJ.
21½" 0-473

Well No. LJ-65-13-607

GPO 857-700

County Harris Lat. 29°48'10" Long. 95°24'18"

Date Oct. 18, 1939 Well No. LJ-65-13-607

Aquifer Gulf Coast sands Pre-Test Water Level 174.0

Discharge 1,840 Specific Capacity 25.6

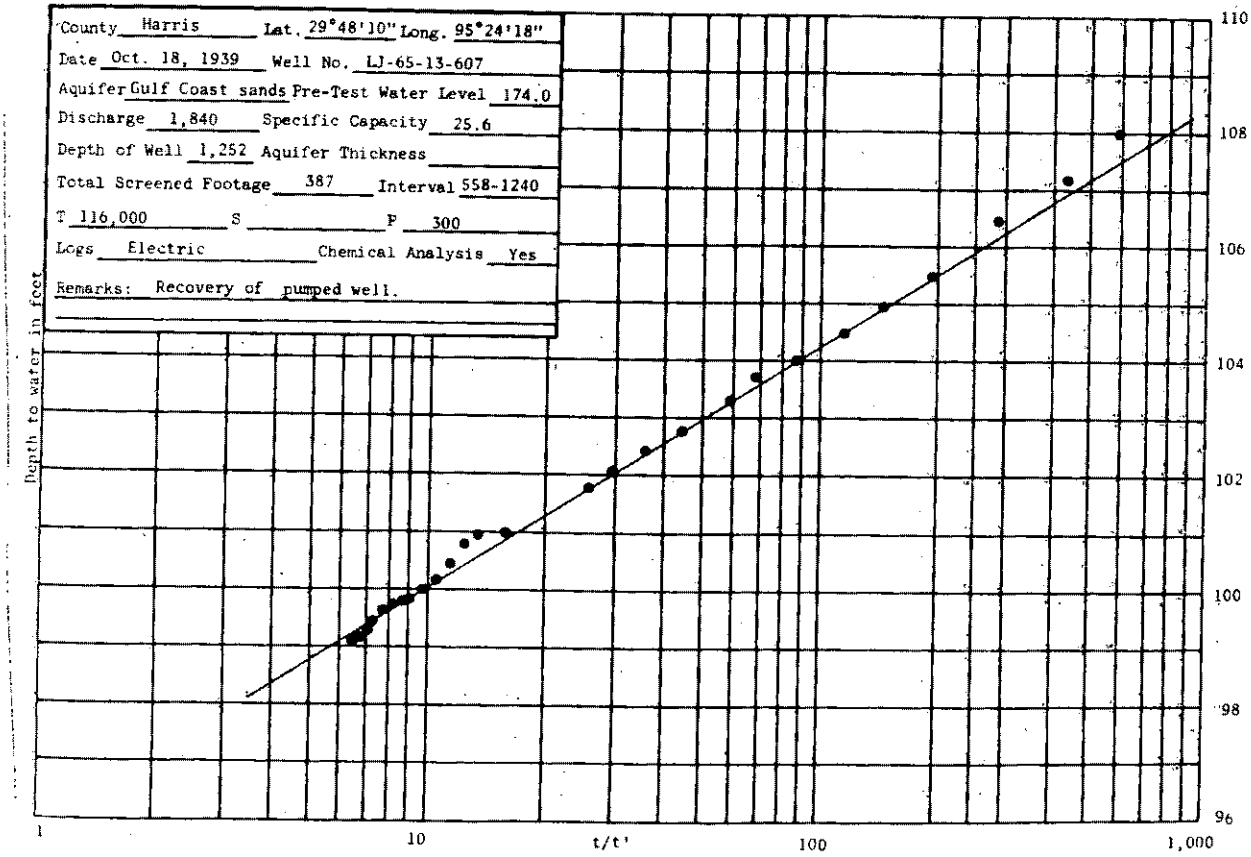
Depth of Well 1,252 Aquifer Thickness

Total Screened Footage 387 Interval 558-1240

T 116,000 S P 300

Logs Electric Chemical Analysis Yes

Remarks: Recovery of pumped well.



TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 613 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 48 12 Longitude - 95 24 20 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Heights #2

Driller - Layne Texas

Address _____ Tenant/Oper. _____
Date Drilled - / /1923 Depth - 1,362 ft. Source of Depth - Altitude - 68 ft. Source of Alt. - M
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____
Completion - _____
Casing Material - _____
Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) | Setting(feet) From | To

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data-

WATER LEVELS Date- 03/05/1923 Measurement- -19.50
Date- 08/26/1936 Measurement- -63.90

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

WRD Exp. (GW)
April 1966

Well No. J-65-13-614

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by: Gene McAdoo — Source of data: File — Date: 1-19-68 — Map: Houston Heights 1955 1:24000

State: Texas [48] — County (or town): Harris [LJ]

Latitude: 29 48 11 N (deg, min, sec) — Longitude: 095 24 19 (degrees, min, sec) — Sequential number: 1

Lat-long accuracy: 1 — T. ____ S, R ____ W, Sec ____, ____ k, ____ k, ____ k

Local well number: LJ-65-13-614 — Other number: 591 B & M Heights #3

Local use: ____ — Owner or name: City of Houston

Owner or name: CITY OF HOUSTON — Address: Heights Plant

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — M

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Irr, (I) Mad, (M) Ind, (N) P S, (P) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other abd. about 1940 — U

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed — U

DATA AVAILABLE: Well data 8 — Freq. W/L meas.: Semiannual 1988 — S — Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: None — Pumpage inventory: yes no, period:

Aperture cards: yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 1039 ft — 1039 — Meas. (est) Driller accuracy — 6

Depth cased (first perf.): 514 ft — 514 — Casing type: S; Diam. 24-12 in — 24

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other — S

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other — H

Date Drilled: 1924 — 9 24 — Pump intake setting: ____ ft

Driller: Layne Texas Co., Houston, Texas (name, address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other — N — Deep / Shallow

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. ____ — Trans. or meter no.

Descrip. MP ____ ft above/below LSD, Alt. MP ____

Alt. LSD: 68 — 68 — Accuracy (source): Topo 5' — 3

Water Level: 76.92 ft above/below MP; Ft above/below LSD — 77 — Accuracy: tape — A

Date meas: 1-20-38 — 1 3 8 — Yield: ____ gpm — Method determined

Drawdown: ____ ft — Accuracy: ____ — Pumping period ____ hrs

QUALITY OF WATER DATA: Iron ____ ppm — Sulfate ____ ppm — Chloride ____ ppm — Hard. ____ ppm

Sp. Conduct ____ K x 10^6 — Temp. ____ °F — Date sampled

Taste, color, etc.

Well No. LJ-65-13-614

Well No. LJ-65-13-614

Latitude-longitude 29 d, 48 m, 11 s, 095 d, 24 m, 19 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: Coastal Plain (20–21) Section: West

SCP (22) F Drainage Basin: (23–25) 5/1/R Subbasin: (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat (27)

MAJOR AQUIFER: system, series (28–29) T aquifer, formation, group (30–31) E

Lithology: (32–33) Origin: (34) Aquifer Thickness: ft

(35–37) Length of well open to: 303 ft (38–40) 303 Depth to top of: 514 ft (41–43)

MINOR AQUIFER: system, series (44–45) aquifer, formation, group (46–47)

Lithology: (48–49) Origin: (50) Aquifer Thickness: ft

(51–53) Length of well open to: ft (54–56) Depth to top of: ft (57–59)

Intervals Screened: 514-564 (50); 579-676 (97); 691-740 (49); 583-725 (42); 969-1034 (65)

Depth to consolidated rock: ft (60–63) Source of data: (64)

Depth to basement: ft (65–68) Source of data: (69)

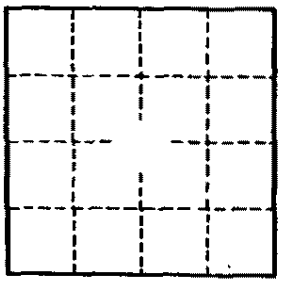
Surficial material: (70–71) Infiltration characteristics: (72)

Coefficient Trans: gpd/ft (73–75) Coefficient Storage: (76–78)

Coefficient Perm: gpd/ft^2; Spec cap: gpm/ft; Number of geologic cards: (79)

Layne-Texas (3-20-90) set 4" liner surface to top of 12" csg (98') 13½" packer set in top of 12" csg.

98' of 24" csg.



Well No. LJ-65-13-614

GPO 857-700

WRD Exp. (CW)
April 1966

Well No. LJ-65-13-624

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by McAdoo Gebryach 1967 Source of data File Date 2-16-68 Map Houston Heights 1955 1:24000

State Texas 16 [48] County (or town) Harris 24 [LJ]

Latitude: 29 48 12 N S Longitude: 095 24 16 Sequential number: 1

Lat-long accuracy: 1 T. ___ N S, R ___ E W, Sec ___, ___ k, ___ k, ___ k

Local well number: LJ-65-13-624 Other number: B & M #17

Local use: Owner or name: city of Houston

Owner or name: CITY OF HOUSTON Address: Heights Plant In pumping plant yard

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [M]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other [P]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [W]

DATA AVAILABLE: Well data [1] Freq. W/L meas.: 1965 Annual [S] Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 3-12-65 [A] Pumpage inventory: yes no period:

Aperture cards: yes

Log data: E-Log T-54 [E]

WELL-DESCRIPTION CARD

[SAME AS ON MASTER CARD] Depth well: 1730 ft [1730] Meas. (app) Driller accuracy [3]

Depth cased (first perf.): 620 ft [620] Casing type: S; Diam. 24-12¾ in [24]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other [G]

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other [H]

Date Drilled: Feb 1965 [965] Pump intake setting: ft

Driller: Katy Drlg Co., Katy, Texas

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other [T] (app) Shallow [D]

Power (type): diesel, (elec) nat gas, gasoline, hand, LP gas, wind; H.P. 300 [5] Trans. or meter no.

Descrip. MP Breather Hole +3.5 ft above below LSD. Alt. MP

Alt. LSD: 67 [67] Accuracy (source): Topo 5' [3]

Water Level: 100 min. SL 287.27 ft above below LSD; Ft above below LSD [285] Accuracy: Meas [A]

Date meas: 3-12-65 [3-65] Yield: 3146 gpm [3146] Method determined [4]

Drawdown: 100 ft [106] Accuracy: Meas [0] Pumping period 48 hrs [48]

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard. ppm

Sp. Conduct K x 10⁶ Temp. °F Date sampled

Taste, color, etc.

PL 387.61 387.39 100.34

Well No. LJ-65-13-624

Well No. LJ-65-13-624

Latitude-longitude 29 d, 48 m, 12 s 095 d, 24 m, 16 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: Coastal Plain (20–21) 03 Section: _____

F (22) Drainage Basin: _____ (23–25) 511P Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series, T (28–29) _____ aquifer, formation, group, E (30–31)

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: 412 ft (38–40) 412 Depth to top of: _____ ft (41–43)

MINOR AQUIFER: _____ system, _____ series, (44–45) _____ aquifer, formation, group, (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: * 620 - 1720. 53. screen.

Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

Coefficient Trans: ✓ _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: ✓ _____ gpd/ft^2; Spec cap: ✓ _____ gpm/ft; Number of geologic cards: _____ (79)

* Screen;

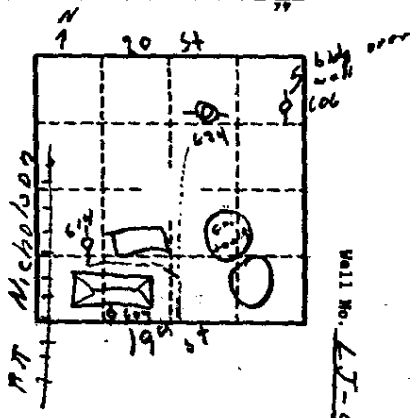
620 - 658.9	40
684.6 - 714.6	30
784.4 - 824.4	40
870.4 - 900.6	30
975.2 - 1000.2	25
1015.5 - 1045.4	30
1065.3 - 1100.3	35
1105.6 - 1131.2	26
1150.5 - 1170.5	20
1200.6 - 1240.4	40
1347.2 - 1366.3	19
1420.9 - 1446.0	26
1620.8 - 1660.8	40
1705.0 - 1720.	15
	416

TD = 1730

Csg:

24" 0-590

12" 498-1730



Well No. LJ-65-13-624

GPO 857-700

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020970

Latitude ° ' "	Longitude ° ' "	Seq. No.
294812	0952416	01

County code 201 County Harris

Well # LJ-65-13-624

Project number 7-4648-01000

Date 2-8-77 Time ____ Temp°C 27.0

Owner City of Houston

Address Heights #17

Date drld 1965 WBF code 121 EVGL

Sample interval: (top) 620 (bottom) 1720

Water level ____ Appr Clear Use PS

Collector Peters Yield — GPM

Smpld aftr pmpg ____ Depth ____

Pt of coll Tap on discharge

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

std chem schedule ____

Other I

Herbicide ____ Insecticide ____

Remarks:

Type 2 (1) Station identification number 294812095241601 (2–16)

Y M D (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	6200	03	
Sample interval BOTTOM	72016	1720	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2700	02		27.0
pH	00400	7800	01		7.8
Specific conductance	00095	7200	03		720
HCO_3	00440	3320	03		332
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6500	02		65
Sulfate (SO_4)	00945	6400	01		6.4
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31625				
Strep-tococci	31673				
BOD	00310				

IX-73Q
(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017559

Latitude ° ' "	Longitude ° ' "	Seq. No.
9 4 8 1 2	0 9 5 2 4 1 6	0 1

County code 201 County Harris

Well # 65-65-13-624

Project number 4648-01000

Date 2-4-76 Time ____ Temp°C 27.5

Owner City of Houston

Address Heights #17

Date drld — WBF code 121-EVGL

Sample interval: (top) 620 (bottom) 1720

Water level ____ Appr clear Use PS

Collector Nuttel Yield — GPM

Smpld aftr pmpg on arrival Depth —

Pt of coll tap on discharge

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule ____

Other ____

Herbicide ____ Insecticide ____

Remarks:

Type 2 (1) Station identification number 2 9 4 8 1 2 0 9 5 2 4 1 6 0 1 (2–16)

Y M D: 7 6 0 2 0 4 (17–22) Begin

Time of measurement ____ (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	7 2 0 0 8			
Yield (GPM)	0 0 0 5 9			
Sample interval TOP	7 2 0 1 5	6 2 0 0	0 3	
Sample interval BOTTOM	7 2 0 1 6	1 7 2 0	0 4	
Water level	7 2 0 1 9			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	7 2 0 0 4				
DO (mg/l)	0 0 3 0 0				
DO % Sat.	0 0 3 0 1				
Temp °C	0 0 0 1 0	2 7 5 0	0 2		27.5
pH	0 0 4 0 0	7 9 0 0	0 1		7.9
Specific conductance	0 0 0 9 5	7 1 1 0	0 3		711
HCO_3	0 0 4 4 0	3 2 6 0	0 3		326
CO_3	0 0 4 4 5	0 0 0 0	0 1		0
Chloride (Cl)	0 0 9 4 0	6 3 0 0	0 2		63
Sulfate (SO_4)	0 0 9 4 5	9 2 0 0	0 1		9.2
Color	0 0 0 8 0				
Coliform, membrane filter	3 1 5 0 1				
Coliform, fecal	3 1 6 1 6				
Streptococci	3 1 6 7 9				
BOD	0 0 3 1 0				

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

015479

Latitude ° ' "	Longitude ° ' "	Seq. No.
94812	0952416	1

County code 201 County HARRIS

Well # LJ-65-13-624

Project number 564801000

Date 4-15-75 Time ____ Temp°C 28.0

Owner City of Houston

Address HEIGHTS No. 17

Date drld 2-65 WBF code 112 Evgl

Sample interval: (top) 620 (bottom) 1720

Water level ____ Appr ____ Use P.S.

Collector Vaught Yield ____ GPM

Smpld aftr pmpg ____ Depth ____

Pt of coll Faucet on side of pipe

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I + SO4

Other ____

Herbicide ____ Insecticide ____

Remarks:

Type 2 (1) Station identification number 294812095241601 (2–16)

Y M D 750415 (17–22) Begin

Time of measurement ____ (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval	72015	6200	03	
Sample interval BOTTOM	72016	1720	04	

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2800	02		28.0
pH	00400	7500	01		7.5
Specific conductance	00095	7140	03		714
HCO_3	00440	3190	03		319
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6900	02 (or 6)		69
Sulfate (SO_4)	00945	8000	01		8.0
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

Well Inventory Division
Austin, Texas

020001

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 48 12	095 24 16	01

County code 101 County HARRIS

Well # LJ-65-13-624

Project number T-4648-01000

Date 9-17-76 Time 0945 Temp°C ?

Owner City of Houston

Address Heights #17

Date drld — WBF code 121 Eval

Sample interval: (top) 620 (bottom) 1720

Water level — Appr Clear Use PS

Collector BEZANT Yield — GPM

Smpld aftr pmpg on ARRIVAL Depth —

Pt of coll TAP ON DISCHARGE

Field: Cond — pH — HCO_3 — DO —

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule L

Other

Herbicide Insecticide

Remarks:

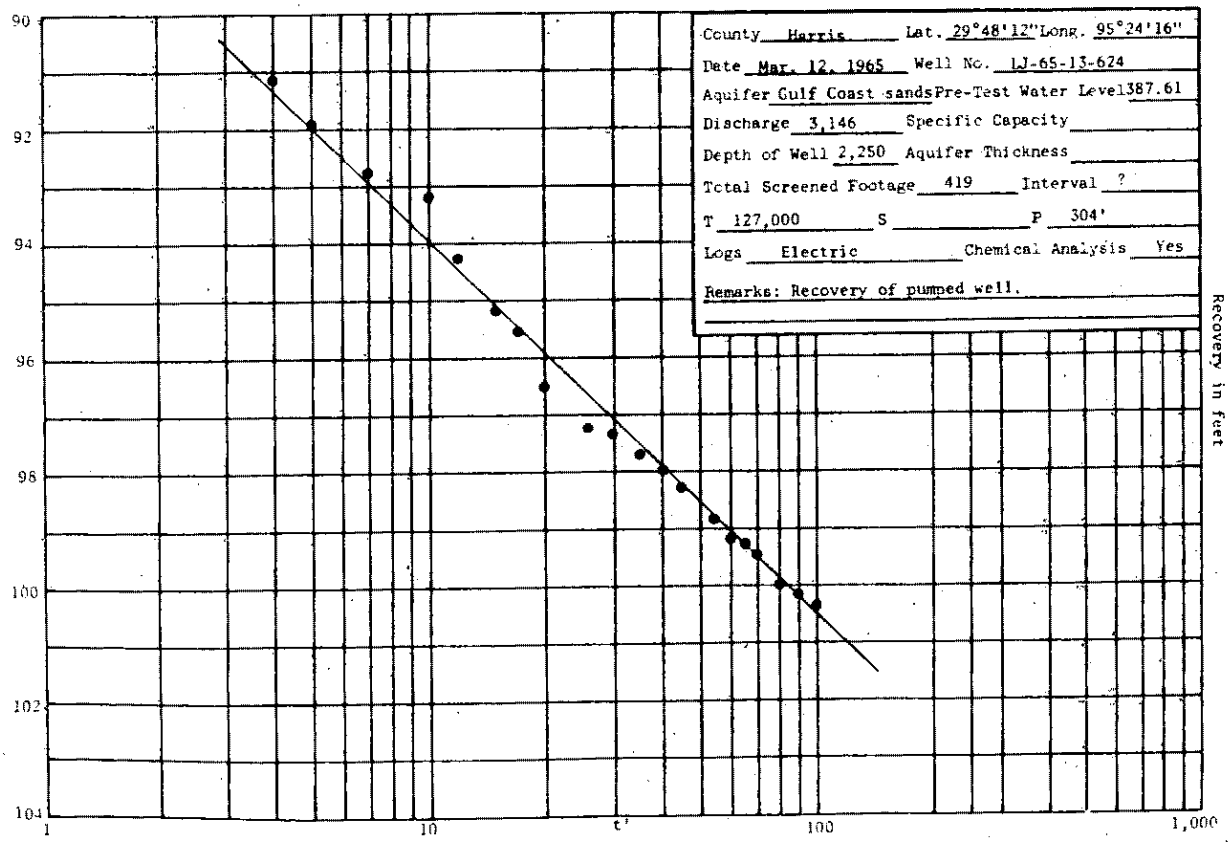
Type 2 (1) Station identification number 2948120952416 01 (2–16)

Y M D: 76 09 17 (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	6200	03	
Sample interval BOTTOM	72016	1720	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010				
pH	00400	7800	01		7.8
Specific conductance	00095	7190	03		719
HCO_3	00440	3320	03		332
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6600	02		66
Sulfate (SO_4)	00945	5600	01		5.6
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				


County Harris Lat. 29°48'12" Long. 95°24'16"
Date Mar. 12, 1965 Well No. LJ-65-13-624
Aquifer Gulf Coast sands Pre-Test Water Level 387.61
Discharge 3,146 Specific Capacity
Depth of Well 2,250 Aquifer Thickness
Total Screened Footage 419 Interval ?
T 127,000 S P 304'
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
90
92
94
96
98
100
102
104
1
10
t'
100
1,000
Recovery in feet

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 809 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 13 Longitude - 95 27 24 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Dudley Sharp Driller - McMasters & Pomeroy

Address _____ Tenant/Oper. _____
Date Drilled - / /1939 Depth - 492 ft. Source of Depth - Altitude - 63 ft. Source of Alt. -
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER Well Type - W User -

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) Setting(feet) From To

LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- DOMESTIC Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data-

WATER LEVELS Date- 02/00/1939 Measurement- -48.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 09/30/2002

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB R178: Screen from 449 to
492 ft.
Yield: 225 gpm with 23 ft.
drawdown when drilled.

65.13.4A GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711	State of Texas WATER WELL REPORT	For TWDB use only Well No. 4A Located on map Received: Form GW 8 Form GW 9

1) OWNER:
Person having well drilled Don Bradshaw (Name) Address 5518 Mitchelldale Road (Street or RFD) Houston, (City) Texas (State)

Landowner Same as above (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris Labor League Abstract No.

NW¼ NE¼ SW¼ SE¼ of Section Block No. Survey
(Circle as many as are known)

miles in (NE, SW, etc) direction from (Town).

NORTH

~~See reverse side for map~~

C

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check): New Well ☒ Deepening ☐ Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check): Domestic ☐ Industrial ☒ Municipal ☐ Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check): Rotary ☒ Driven ☐ Dug ☐ Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 6¼ in. Depth drilled 400 ft. Depth of completed well 400 ft. Date drilled 10-15-69

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil	256	273	Sand
3	38	Clay	273	293	Clay
38	50	Sand	293	295	Sand
50	185	Clay	295	370	Clay
185	193	Mixed sand and clay	370	382	Mixed clay and sand
193	209	Clay	382	390	Clay
209	250	Sand	390	400	Sand
250	256	Clay			(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall ☐ Gravel packed ☐ Other ☒
Under reamed ☐ Open hole ☐ Lead seal

8) WATER LEVEL:
Static level 220 ft. below land surface Date 10-15-69
Artesian pressure lbs. per square inch Date

9) CASING:
Type: old ☐ New ☒ Steel ☒ Plastic ☐ Other ☐
Cemented from 388 ft. to 100 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	388	30
2½"	380	390	

10) SCREEN:
Type Stanless Steel
Perforated ☐ Slotted ☒

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size
2½"	390	400	20

11) WELL TESTS:
Was a pump test made? ☐ Yes ☒ No If yes by whom?

Yield: gpm with ft. drawdown after hrs
Bailer test gpm with ft. drawdown after hrs
Artesian flow gpm Date
Temperature of water
Was a chemical analysis made? ☐ Yes ☒ No
Did any strata contain undesirable water? ☐ Yes ☒ No
Type of water? Good taste depth of strata 10 ft.

12) PUMP DATA:
Manufacturer's Name Reda
Type Submersible H.P. 2
Designed pumping rate 20 gpm ☒ gph ☐
Type power unit Submersible
Depth to bowls, cylinder, jet, etc., 315 ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Schoppa Water Well Service (Type or Print) Water Well Drillers Registration No. 582

Address Rt. #1, Box 50 (Street or RFD) Spring, (City) Texas-77373 (State)

(Signed) Pride Schoppa (Water Well Driller) SCHOPPA WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

4820111012

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll-free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Quang Vo	1538 Antoine	Houston	TX	77055

2) WELL LOCATION

County	Physical Address	City	State	Zip
Harris	Same			

Lat. | | | Long. | | | Grid # 65-13-4

3) Type of Work
☑ New Well ☐ Deepening ☐ Reconditioning

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11 / 7 / 00
Completed 11 / 7 / 00

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
5"	surface	50

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft)	To (ft)	Description and color of formation material
Surface	18	Yellow & Grey Clay
18	44	Sand & Rock
44	50	Sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☑ Gravel Packed ☐ Other
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
2	N	Casing Plastic	Surface	40	Sch40
2	N	Screen Plastic	40	50	.006

9) Cementing Data
Cementing from Surface ft. to 40 ft. # of sacks used 7
ft. to ft. # of sacks used
Method Used Pressure
Cementing By Raymond Services, Inc.
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance Customer

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump
☐ Turbine ☑ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc., ft.

11) Water Level
Static level 12 ft. below Date 11 / 7 / 00
Artesian Flow gpm. Date / /

15) Water Test
Typetest ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 10 gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate and strata which contain undesirable constituents.
☐ YES ☑ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made ☐ Yes ☐ No

12) Packers

Type	Depth

FILE NO. 2 7 2001 COMPLIANCE

Company or individual's Name (type or print): Raymond Services, Inc. 4577WI

Address 10011 Airline Dr. City Houston State TX Zip 77037

Signature of Licensed Driller/Pump Installer / / Date Signature of Apprentice 11 / 7 / 00 Date

TDLR FORM 001WWD *White - TDLR* *Yellow - Owner* *Pink - Driller/Pump Installer*

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Gonzello Uriostegui	1542 Antone	Houston	TX	77055

2) WELL LOCATION

County	Physical Address	City	State	Zip
Harris	Same			

Lat. | | | Long. | | | Grid # 65-13-4

3) Type of Work
☑ New Well ☐ Deepening ☐ Reconditioning

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11 / 7 / 00
Completed 11 / 7 / 00

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
5"	Surface	50

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft)	To (ft)	Description and color of formation material
Surface	18	Yellow & Gray Clay
18	44	Sand & Rock
44	50	Sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☑ Gravel Packed ☐ Other
If Gravel Packed give the interval from 40 ft. to 50 ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
2	N	Casing Plastic	Surface	40	Sch 40
2	N	Screen Plastic	40	50	.006

9) Cementing Data
Cementing from Surface ft. 40 ft. # of sacks used 7
ft. to ft. # of sacks used
Method Used Pressure
Cementing By RAYMOND SERVICES, Inc.
Distance to septic system field or other concentrated contamination ___ ft.
Method of verification of above distance Customer

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump
☐ Turbine ☑ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc., ft.

11) Water Level
Static level 12 ft. below Date 11 / 7 / 00
Artesian Flow gpm. Date / /

15) Water Test
Typetest ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 10 gpm with ft. drawdown after hrs.

12) Packers

Type	Depth

16) Water Quality
Did you knowingly penetrate and strata which contain undesirable constituents.
☐ YES ☑ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made ☐ Yes ☐ No

FILED

Company or individual's Name (type or print)	Raymond Services, Inc.		4577WI
Address 10011 Airline Drive	City Houston	State TX	Zip 77037
Signature (Licensed Driller/Pump Installer)	/ / Date	Signature (Apprentice)	11 / 7 / 00 Date

TDLR FORM 001WWD *White - TDLR* *Yellow - Owner* *Pink - Driller/Pump Installer*

STATE OF TEXAS WATER WELL REPORT

1) OWNER: FOYT, A. J. ADDRESS: 9100 SANDRINGHAM CITY: HOUSTON STATE: TX ZIP:
2) LOCATION OF WELL: County: HARRIS miles in N direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00253

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.0	0	367
5.0	367	386

7) BOREHOLE METHOD:
TWO STRING/B.P. SEAL
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 07/19/89

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	12	CLAY-WHITE
12	18	CLAY-RED
18	30	SAND-TAN-.006-.008
30	128	CLAY-RED
128	129	ROCK
129	134	CLAY-RED
134	185	SAND-TAN-.014-.020
185	228	BROKEN SAND & CLAY
228	280	SAND-TAN-.010-.012
280	281	ROCK
281	334	SAND-TAN-.014-.020
334	368	SHALE
368	385	SAND-TAN-.010-.012
385	386	CLAY-RED

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	367		CASING
3.0	N	STEEL, NEW, GALV.	363	368		LINER
3.0	N	STAINLESS - ROD BASE	368	373		.010
3.0	N	STAINLESS - ROD BASE	373	385		.012
3.0	N	STEEL, NEW, GALV.	385	386		S.T.N.

9) CEMENTING DATA:
Cemented from 0 FT. TO 150 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: ALMEDA WATER WELL

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 240 FT. DATE: 07/22/89
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

13) TYPE PUMP:
CUSTOMER INSTALLED
DEPTH TO PUMP:

14) WELL TEST:
JETTED
YIELD: 70 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 386 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

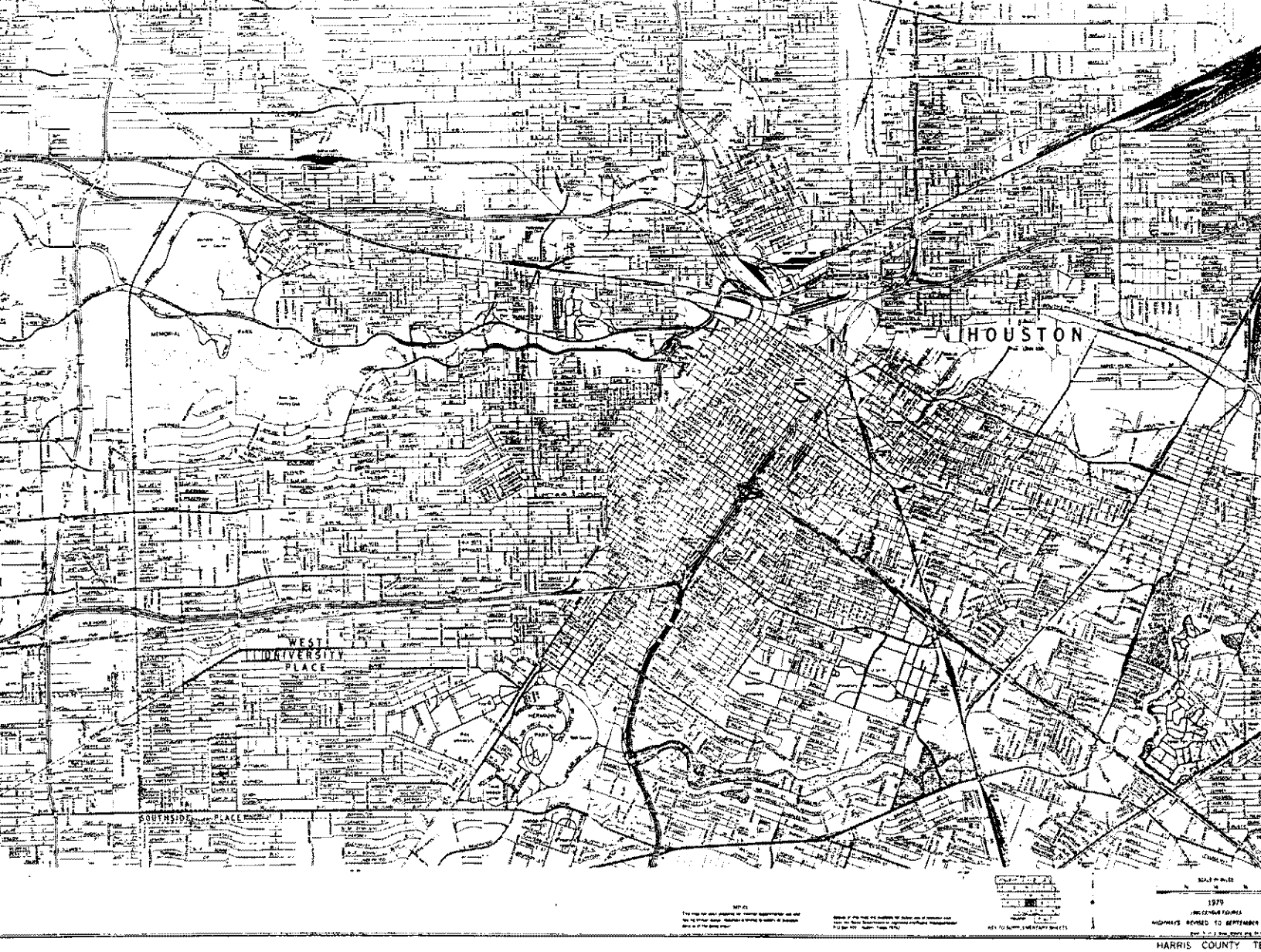
FOR TDWR USE ONLY
WELL NO. 65-13-7
LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) John A. Pollan (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

RECEIVED SEP 5 1990 TEXAS WATER COMMISSION

4820107573



1979

HIGHWAYS REVISED TO SEPTEMBER

HARRIS COUNTY TE

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 750 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 37 Longitude - 95 27 56 Source of Coords - 1

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Robert A. Rowland Driller - Wellco
Well # 2

Address _____ Tenant/Oper. _____
Date Drilled - / /1988 Depth - 334 ft. Source of Depth - D Altitude - 63 ft. Source of Alt. - M
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User -

WELL CONSTRUCTION
Const. Method - HYDRAULIC ROTARY
Completion - SCREEN
Casing Material - PVC, FIBERGLASS, OTHER PLASTIC
Screen Material - STEEL

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To

LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages ____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -
YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____
PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM
Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft
QUALITY (Remarks- _____
WATER USE Primary- DOMESTIC Secondary- _____ Tertiary- _____
OTHER DATA AVAILAIBLE Water Levels- Quality- Logs- Other Data-
WATER LEVELS Date- / / Measurement-
Date- / / Measurement-
Recorded By _____ Date Record Collected or Updated- 04/09/1990

Reporting Agency -
REMARKS -

Aquifer - 112CHCT
Well No. - 65 13 750

STATE OF TEXAS WELL REPORT for Tracking #278307

Owner:	**Grainger**	Owner Well #:	**Well Log 03184**
Address:	**310 E Frier Tuck Houston, TX**	Grid #:	**65-13-7**
Well Location:	**9321 Oakford Ct. Houston, TX 77024**	Latitude:	**29° 46' 48" N**
		Longitude:	**095° 28' 08" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/6/2006** Drilling End Date: **10/12/2006**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.5**	**0**	**370**
	4.875	**370**	**392**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Two String/K-Packer**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**370**	**90**

Seal Method: **Pressure-Haliburton**

Sealed By: **AWWS**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **No Septic**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **City Sewer**

Surface Completion: **Surface Slab Installed**

Water Level: **201 ft.** below land surface on **2006-09-08** Measurement Method: **Unknown**

Packers: **K-Packer 362'**
K-Packer 363'

Type of Pump: **Submersible** Pump Depth (ft.): **298**

Well Tests: **Jetted** **Yield: 60 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**392**	**Not Tested**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Almeda Water Well Service**

PO Box 266
Manvel, TX 77578

Driller Name: **Carl Loftin** License Number: **2350**

Comments: **^EAD**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	5	fill soil
5	17	clay-tan
17	28	sand-tan-.006-.008
28	34	clay-tan
34	50	sand-tan-.006-.008
50	165	clay / sand streaks
165	180	sand-tan-.006-.008 sand-tan-.010-.012
180	190	clay-red
190	205	sand-tan-.010-.012
205	250	clay-red
250	294	san-tan-.010-.012
294	308	clay-red
308	328	sand-tan-.010-.012
328	369	clay-red
369	392	sand-white-.010-.012

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" N PVC SDR 17 0'-370' Casing			
3" N PVC Sch 40 362'-372' Liner			
3" N Johnson Super Flow 372'-392' .012			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

STATE OF TEXAS WELL REPORT for Tracking #278046

Owner:	**Mc Alister**	Owner Well #:	**Well Log 3133**
Address:	**316 Buckingham Houston, TX**	Grid #:	**65-13-7**
Well Location:	**316 Buckingham Houston, TX**	Latitude:	**29° 46' 44" N**
		Longitude:	**095° 28' 00" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **5/9/2006** Drilling End Date: **5/9/2006**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.5**	**0**	**370**
	4.875	**370**	**394**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Two String /K-Packer**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**370**	**82**

Seal Method: **Pressure-Haliburton**

Sealed By: **AWWS**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **City Sewer**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Pitless Adapter Used**

Water Level: **202 ft.** below land surface on **2006-05-11** Measurement Method: **Unknown**

Packers: **K-Packer 363'**
K-Packer 364'

Type of Pump: **Submersible**

Well Tests: **Jetted** **Yield: 125+ GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**394**	**Not Tested**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Almeda Water Well Service**

PO Box 266
Manvel, TX 77578

Driller Name: **Carl Loftin** License Number: **2350**

Comments: **^EAD**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

From (ft) To (ft) Description
0-17 fill soil clay-tan
17-26 sand-tan-.006-.008
26-164 clay-red rock clay-red
164-176 sand-tan-.010-.012
176-186 clay-red
186-198 sand-tan-.010-.012
198-220 clay-red
220-298 sand-tan-.010-.012 broken sand & clay sand-tan-.010-.012
298-308 clay-red
308-330 sand-tan-.010-.012 sand-tan-.014-.020
330-370 clay-red
370-394 sand-tan-.006-.008 sand-tan-.010-.012
394 clay-red

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.) New/Used Type Setting From/To (ft.)
5" N PVC SDR 17 0'-370' Casing
3" N PVC Sch 40 363'-374' Liner
3" N Johnson Super Flow 374'-394' .010

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

WRD Exp. (GW)
April 1966

Well No. LJ 65-13-701

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by Noftel & Gabrysch (1966) Source of data McAdoo File Date 2-16-68 Map Houston Heights 1:24,000 1955

State Texas 48 County (or town) Harris LJ

Latitude: 29 47 21 N (deg 7 min 9 sec 11) Longitude: 095 28 32 (12 degrees 15 min 18 sec) Sequential number: 1 (19)

Lat-long accuracy: 1 (20) T. ___ S, R ___ W, Sec ___, ___ ¼, ___ ¼, ___ ¼ B & M

Local well number: LJ-65-13-701 (21–30) Other number: ___ (34)

Local use: ___ (35–51) Owner or name: City of Houston

Owner or name: CITY OF HOUSTON (52–66) Address: Afton Oaks Sub.

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — M (67)

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — P (68)

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed — W (69)

DATA AVAILABLE: Well data 1 (70) Freq. W/L meas.: 1955 Annual 4 (71) Field aquifer char. (72)

Hyd. lab. data: (73)

Qual. water data; type: (74)

Freq. sampling: Drill stem Test 10-27-54 I (75) Pumpage inventory: yes no period: (76)

Aperture cards: yes (77)

Log data: E-Log (0-2251) T-25 E (78, 79)

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD (19) Depth well: 1665 ft (20–23) Meas. rept accuracy Driller 3 (24)

Depth cased (first perf.): 680 ft (25–28) Casing type: 5 ; Diam. 24-12 in 24 (29, 30)

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other — G (31)

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other — H (32)

Date Drilled: Oct. 1954 954 (33–35) Pump intake setting: ___ ft (36–38)

Driller: Layne-Texas Co., Houston, Texas (name, address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other — T (39) Deep Shallow D (40)

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 250 — W (41) Trans. or meter no. ___

Descrip. MP 3-82; Breather hole (N) + AL + 2.5 ft above below LSD Alt. MP ___

Alt. LSD: 72 72 (42–45) Accuracy (source): Topo 5' 3 (47)

Water Level 195 ft above below MP; Ft above below LSD 195 (48–51) Accuracy: rept D (52)

Date meas.: 12-1-54 D54 (53–55) Yield: 2409 gpm 2409 (56–60) Method determined ___ (61)

Drawdown: 71 ft 71 (62–64) Accuracy: 12-1-54 rept. 3 (65) Pumping period 20 hrs 20 (66–68)

QUALITY OF WATER DATA: Iron ___ ppm (69) Sulfate ___ ppm (70) Chloride ___ ppm (71) Hard. ___ ppm (72)

Sp. Conduct ___ K x 10^6 (73) Temp. ___ °F (74–76) Date sampled ___ (77–79)

Taste, color, etc.

P/L = 266

Well No. LJ-65-13-701

Well No. LJ-65-13 201

Latitude-longitude 29 , 47 , 21 (N) 095 , 28 , 32 , 1
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD | Physiographic Province: Coastal Plain | 03 | Section:

F | Drainage Basin: | 51 R | Subbasin:

Topo of well site: (D) (C) (E) (F) (H) (K) (L) depression, stream channel, dunes, flat, hilltop, sink, swamp,
(O) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system, series, T, aquifer, formation, group, E

Lithology: Origin: Aquifer Thickness: ft

Length of well open to: 372 ft | 372 | Depth to top of: ft

MINOR AQUIFER: system, series, aquifer, formation, group

Lithology: Origin: Aquifer Thickness: ft

Length of well open to: ft | Depth to top of: ft

Intervals Screened: * 680 - 1645 Br. w.w. .045 gpgc.

Depth to consolidated rock: ft | Source of data:

Depth to basement: ft | Source of data:

Surficial material: | Infiltration characteristics:

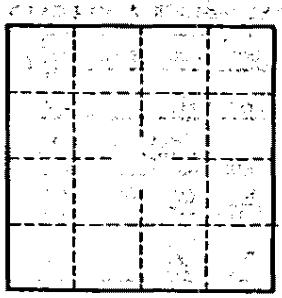
Coefficient Trans: gpd/ft | Coefficient Storage:

Coefficient Perm: gpd/ft^2; Spec cap: gpm/ft; Number of geologic cards:

* Screen:

680 - 708	28
710 - 740	30
791 - 805	14
850 - 870	20
911 - 943	32
946 - 965	19
1006 - 1029	23
1059 - 1089	30
1110 - 1139	29
1177 - 1219	20
1294 - 1314	20
1435 - 1449	14
1509 - 1535	26
1576 - 1609	33
1611 - 1645	34

TD = 1665



csg:
24" 0 - 602
12" 500 - 1665

Well No. LJ-65-13-201

GPO 857-700

(2) 491B/1002 OR SUBSTITUTE
1109 ANTOINE

Water Quality Sampling Run

SWN: 65-13-701
County: Harris
Aquifer(s):

Sample No. 657
Date: 6/11/90 14:15
By: D. A. Jones

	Bottle 1	Bottle 2	Bottle 3	Bottle 4	Bottle 5	Bottle 6	Bottle 7	Total
	✓ 1 liter Anions	✓ 1 liter Cations/HM	✓ 2 vials Radon ✓ 1 gallon Radioactivity	✓ 500 ml Nitrate/ Phosphate	✓ 2 x 1 Qt. (glass) (TOC) Organics	~~Radon~~ ~~500 ml~~ Cyanide	✓ VOA ~~40 ml~~ 2 VOA	Sub-Samples 7
		2 ml	5 ml	1 ml	unfiltered			All filtered unless otherwise stipulated. All on ice.
Preserve with:	Ice --	↓ HNO_3 (Nitric)	↓ HNO_3 (Nitric)	↓ H_2SO_4 (Sulfuric)	--	NaOH (Sodium Hydroxide)	KEY PUNCHED	

Water Level _____ LSD

Temperature (00010) 25.8 °C

Specific Conductance (00094) 504 µmhos/cm

pH (00400) 7.47 @ 25.8 °C

Eh (00090) 81.3 mv @ 25.8 °C

Phenol ALK (32244) 0 mg/l

Total ALK (00431) 182 mg/l

Carbonate (00452) 0 meq/l 0 mg/l

Bicarbonate (00453) _____ meq/l 222 mg/l

Total Cations (+) _____

Total Anions (-) _____

Total Hardness (46570) 147

Dissolved Solids (70301) 312 calc. (338 meter)

Notes & Calculations

9.1 ml acid to 50 ml sample = ph of 4.50

2 Radon
2 VOA
2 TOC

890091-B

Texas Water Development Board

Chemical Water Analysis Report

HM- DRJ 1990 657

HM = Heavy Trace and Alkaline-Earth Metals

TWDB Use Only

Work No. 320-3282

IAC No.

Afton Village

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: P. Nordstrom

State Well Number: 6513701

County: Harris

Date & Time: 6/11/90 14:15

Owner: City of Houston

X Send Copy To Owner c/o Tony Baker

Address: P.O. Box 1560 Houston, 77251

Sampled After Pumping: POA Hours

Date Drilled: Depth: Yield: GPM ☐ Measured ☐ Estimated

Collection Point: FAW pH 7.47 Use: P.S. Temperature: 25.8 °C

By: D. R. Jones

Specific Conductance: 504

Requested Che[redacted]

Laboratory No.: [redacted] Date Received: JUN 15 1990 Date Reported: JUL 18 1990

KEY PUNCHED

		me/l	mg/l			me/l	mg/l
Calcium	(00915)		41	Sodium	(00930)		58
Magnesium	(00925)		11	Potassium	(00935)		3.0

		µg/l				µg/l
Aluminum	(01106)	<50		Manganese	(01056)	<20
Arsenic	(01000)	<10		Mercury	(71890)	<0.2
Barium	(01005)	217	✓	Molybdenum*	(01062)	<20
Cadmium	(01025)	<10		Selenium	(01145)	6
Chromium	(01030)	<20		Silver	(01075)	<10
Copper	(01040)	<20	✓	Strontium*	(01080)	800
Iron	(01046)	<20	✓	Vanadium*	(01085)	20
Lead	(01049)	<50		Zinc	(01090)	<20

* Do not analyze unless it is checked.
Note: Crossout those elements not to be analyzed.

890091-E

Texas Water Development Board

Chemical Water Analysis Report

GWN- DRJ - 1990 657
(Nitrogen Cycle)

Afton Village

TWDB Use Only	
Work No.	320.3202
IAC No.	

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: P. Nordstrom
State Well Number: 6513701
County: Harris
Date & Time: 6/11/90 14:15
Owner: City of Houston
X Send Copy To Owner c/o Tony Baker
Address: P.O. Box 1562 Houston, 77251
Sampled After Pumping: POA Hours
Date Drilled: Depth: Yield: GPM ☐ Measured ☐ Estimated
Collection Point: FAW pH 7.47
Use: PS Temperature: 25.8 °C
By: D.R. Jones
Specific Conductance: 504

Requested Chemical Analysis

Laboratory No.: [redacted]
Date Received: JUN 15 1990
Date Reported: JUN 27 1990 KEY PUNCHED

THD-Sample No. EB0 1513 Date Received 06/15/90 Date Reported 06/26/90

		MG/L			MG/L
Nitrate as N	(00618)	0.04			
KJE as N	(00623)	< 0.1	Ammonia as N	(00608)	0.03
			Nitrite as N	(00613)	< 0.01
			Orthophosphate as P	(00671)	0.01

*Note: To convert NO_3-N to NO_3, multiply by 4.427.

890091-D

Texas Water Development Board

Chemical Water Analysis Report

GWR-DRJ-1990-657
(Anions)

Afton Village

TWDB Use Only	
Work No.	328-3202
IAC No.	

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: P. Nordstrom
State Well Number: 6513701
County: Harris
Date & Time: 6/11/90 14:15
Owner: City of Houston
X Send Copy To Owner c/o Tony Baker
Address: P.O. Box 1560 Houston, 77251
Sampled After Pumping: POA Hours
Date Drilled: Depth: Yield: GPM ☐ Measured ☐ Estimated
Collection Point: FAW pH 7.47 Use: P.S. Temperature: 25.8 °C
By: D. R. Jones
Specific Conductance: 504

Requested Ch[redacted]

Laboratory [redacted] Date Received: JUN 15 1990 Date Reported: JUL 19 1990

KEY PUNCHED

THD-Sample No. EB0 1611 Date Received 06/15/90 Date Reported 07/18/90

	MG/L			MG/L
Silica (00955)	24	Sulfate	(00946)	14
		Chloride	(00941)	48
		Fluoride	(00950)	0.20
P.Akalinity(00415)	0			
T.Akalinity(00410)	189			

Iodide	(71865)	< 0.1
Boron	(*****)	0.29
Bromide	(71870)	< 0.01

890091-C

Requested Che[redacted]

Laboratory No.: [redacted] Date Received: JUN 15 1990 Date Reported: OCT 15 1990

KEY PUNCHED

Alpha	(01503)	9.9 ± 3.1	pCi/l
Beta	(03503)	7.3 ± 4.2	pCi/l
Radium 226	(09503)	1.9 ± 0.3	pCi/l
Radium 228	(81366)	<1.0	pCi/l
Total Radium*	(11500)		pCi/l
Thorium*	(26403)		pCi/l

Texas Water Development Board

Chemical Water Analysis Report

DENNIS JONES

2 Samples Per Sample

RAD - PPO/657

RAD = Radioactivity Sample

RADON

TWDB Use Only	
Work No.	320-3202
IAC No.	

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: ERIC ADIDAS

State Well Number: 6513701

County: HARRIS

Date & Time: 6-11-90 14:00

Owner: City of Houston ☑ Send Copy To Owner

Address:

Sampled After Pumping: Hours

Date Drilled: Depth: Yield: GPM ☐ Measured ☐ Estimated

Collection Point: pH Use: PUBLIC Temperature: °C

By: DENNIS JONES

Specific Conductance:

Requested Chemical Analysis [redacted]

Laboratory No.: [redacted] Date Received: JUN 13 1990 Date Reported: JUN 15 1990

KEY PUNCHED

Alpha	(01503)		pCi/l
Beta	(03503)		pCi/l
Radium 226	(09503)		pCi/l
Radium 228	(81366)		pCi/l
[redacted]	(11500)		pCi/l
[redacted]	(26403)		pCi/l
[redacted]	(22703)		pCi/l

RADON 222 689 ± 32 pCi/l

RADON SAMPLING TIME 2:00 PM

* Do not analyze unless it is checked *yes*.

890091-P

Texas Water Development Board

Chemical Water Analysis Report

MISC- DRT. 1990 657

Afton Village

TWDB Use Only	
Work No.	328-3282
IAC No.	

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: P. Nordstrom

State Well Number: 6513701

County: Harris

Date & Time: 6/11/90 14:25

Owner: City of Houston

X Send Copy To Owner c/o Tony Baker

Address: P.O. Box 1560 Houston, 77251

Sampled After Pumping: PAA Hours

Date Drilled: _____ Depth: _____

Yield: _____ GPM ☐ Measured ☐ Estimated

Collection Point: FAW pH 7.47

Use: PS Temperature: 25.8 °C

By: D. R. Jones

Specific Conductance: 504

Requested Chem[redacted]

Laboratory No.: [redacted]

Date Received: JUN 15 1990

Date Reported: JUL 18 1990

KEY PUNCHED

~~TOC~~ MS

890091-A

TEXAS DEPARTMENT OF HEALTH
GC/MS ANALYSIS REPORT
EPA PRIORITY POLLUTANTS

ANALYST: P. Hamlett DATE: 7-17-90 TDH SAMPLE NUMBER: EBO-1565
TWC SAMPLE NUMBER:

* DETECTION LIMITS ARE APPROXIMATE

SAMPLE TYPE: Water

SAMPLE CONDITION: intact

ACID EXTRACTABLES IN (CHECK ONE) (✓) MICROGRAMS/LITER ( ) MILLIGRAMS/KILOGRAM :

NAME	AMT	NAME	AMT	NAME	AMT
PHENOL	<11	4-CHLORO-3-CRESOL	<11	4-NITROPHENOL	<22
CHLOROPHENOL		2,4,6-TRICHLOROPHENOL		2,6-DINITRO-2-CRESOL	
2-NITROPHENOL		2,4-DIMETHYLPHENOL		PENTACHLOROPHENOL	
2,4-DICHLOROPHENOL		2,4-DINITROPHENOL	<22		

BASE NEUTRAL EXTRACTABLES IN (CHECK ONE) (✓) MICROGRAMS/LITER ( ) MILLIGRAMS/KILOGRAM :

NAME	AMT	NAME	AMT	NAME	AMT
N-NITROSO-N-DIMETHYLAMINE	<5	ACENAPHTHYLENE	<5	FLUORANTHENE	<5
bis-(2-CHLOROETHYL) ETHER		DIMETHYL PHTHALATE		PYRENE	
1,3-DICHLOROBENZENE		2,6-DINITROTOLUENE		BENZIDINE	
1,4-DICHLOROBENZENE		ACENAPHTHENE		BUTYLBENZYL PHTHALATE	
1,2-DICHLOROBENZENE		2,4-DINITROTOLUENE		BENZ(a)ANTHRACENE	
bis-(2-CHLOROISOPROPYL)ETHER		FLUORENE		CHRYSENE	
HEXACHLOROETHANE		4-CHLOROPHENYL PHENYL ETHER		3,3'-DICHLOROBENZIDINE	
N-NITROSO-DI-n-PROPYLAMINE		DIETHYL PHTHALATE		bis-(2-ETHYLHEXYL)PHTHALATE	
NITROBENZENE		DIPHENYLAMINE		DI-n-OCTYL PHTHALATE	
ISOPHORONE		N-NITROSODIPHENYLAMINE		BENZO(b)FLUORANTHENE	
bis-(2-CHLOROETHOXY)METHANE		1,2-DIPHENYLHYDRAZINE		BENZO(k)FLUORANTHENE	
1, 2, 4-TRICHLOROBENZENE		4-BROMOPHENYL PHENYL ETHER		BENZO(a)PYRENE	
NAPHTHALENE		HEXACHLOROBENZENE		INDENO(1,2,3-cd)PYRENE	
HEXACHLOROBUTADIENE		PHENANTHRENE		DIBENZ(a,h)ANTHRACENE	
HEXACHLOROCYCLOPENTADIENE		ANTHRACENE		BENZO(ghi)PERYLENE	
2-CHLORONAPHTHALENE		DI-n-BUTYL PHTHALATE			

PESTICIDES IN (CHECK ONE) (✓) MICROGRAMS/LITER ( ) MILLIGRAMS/KILOGRAM :

	AMT	NAME	AMT	NAME	AMT
alpha-BHC	<11	ALDRIN	<11	beta-ENDOSULFAN	<22
gamma-BHC		4-4'-DDE		ENDOSULFAN SULFATE	
beta-BHC		DIELDRIN		ENDRIN	
delta-BHC		4,4'-DDD		alpha-ENDOSULFAN	
HEPTACHLOR		4,4'-DDT		HEPTACHLOR EPOXIDE	
ENDRIN ALDEHYDE					

VOLATILE ORGANICS IN (CHECK ONE) ( ) MICROGRAMS/LITER ( ) MILLIGRAMS/KILOGRAM :

NAME	AMT	NAME	AMT	NAME	AMT
CHLOROMETHANE		1,2-DICHLOROETHANE		1,1,2-TRICHLOROETHANE	
BROMOMETHANE		CARBON TETRACHLORIDE		2-CHLOROETHYLVINYL ETHER	
VINYL CHLORIDE		BROMODICHLOROMETHANE		TRICHLOROETHYLENE	
CHLOROETHANE		BENZENE		BROMOFORM	
TRICHLOROFLUOROMETHANE		DIBROMOCHLOROMETHANE		TOLUENE	
CHLOROFORM		1,1,1-TRICHLOROETHANE		ETHYLBENZENE	
METHYLENE CHLORIDE		1,2-DICHLOROPROPANE		1,1,2,2-TETRACHLOROETHANE	
1,1-DICHLOROETHYLENE		trans-1,3-DICHLOROPROPYLENE		TETRACHLOROETHYLENE	
1,1-DICHLOROETHANE		cis-1,3-DICHLOROPROPYLENE		CHLOROBENZENE	
trans-1,2-DICHLOROETHYLENE				TOTAL XYLENES	

TENTATIVE IDENTIFICATION OF THE TEN LARGEST NON-PRIORITY POLLUTANT PEAKS BY COMPARISON WITH EPA/NIH MASS SPECTRAL LIBRARY. QUANTITATION AS INTERNAL STANDARD IS PROVIDED, AND THE VALUES SHOULD BE REGARDED AS APPROXIMATE.

TENTATIVE COMPOUND IDENTIFICATION	APPROXIMATE CONCENTRATIONS (✓) MICROGRAMS/LITER ( ) MILLIGRAMS/KILOGRAM AS D10-ANTHRACENE
SEMI-VOLATILES	
None	

NOT PURGEABLE

VOLATILES	AS D5-CHLOROBENZENE

* COMMON LAB CONTAMINANTS
** REPORTED AT LESS THAN QUANTITATION LIMITS

COMMENTS AND OTHER REQUESTED ANALYSIS:

SIGNATURE: Jesse Campbell DATE: 18 JULY 90

Rev. 5/87

Water Quality Field Data

SWN: 65-13-701
County: Harris
Aquifer(s): Gulf Coast

Name: City of Houston
Address: 105 Sabine
Houston TX 77007
owner's well # Afton Village

Sample No. 803
Date: 6-17-97
By: C. Mentz

Bottle1	Bottle 2	Bottle 3	Bottle 4	Bottle 5	Bottle 6	Bottle 7	Total SUB-Samples
500 ml Anions	1 liter Cations	250 ml Nitrate	1 liter Radioactivity				
	2 ml HNO (Nitric)	0.5 ml H SO (Sulfuric)	2 ml HNO (Nitric)				All filtered unless otherwise stipulated

Water Level _____ LSD Remark _____
Temperature (00010) 25.1 c
Specific Conductance (00094) 542 umhos/cm
pH (00400) 7.37
Eh (00090) -28.1 mv.
Phenol ALK (82244) 0 mg/l
Total ALK (39086) 190 mg/l
Carbonate (00452) 0 meq/l 0 mg/l
Bicarbonate (00453) 3.8 meq/l 231.9 mg/l
Total Cations(+) Ø
Total Anions (-) _____
Total Hardness (00900) 140
Dissolved Solids 295

Time in 14:30
Time out _____ Sample time 15:00
Weather nice well use public
Outside Temp 75
Sampling point F.a.w.

Starting pH 7.56
9.50 ml. of 0.02N to
50 ml. of Sample
Ending pH 4.49

Time:	14:35	14:40	14:45	14:50	14:55	15:00
pH:	6.94	7.17	7.30	7.34	7.37	
Temp:	25.0	25.1	25.1	25.1	25.1	
Eh:						-28.1
Cond.	548	546	544	543	542	

ml.	pH	ml.	pH	ml.	pH
1.0	7.47				
2.0	7.42				
3.0	7.36				
4.0	7.30				
5.0	7.24				
6.0	7.15				
7.0	7.00				
8.0	6.94				
9.0	6.51				
9.50	4.49				

other notes:

FINAL ANALYSIS REPORT

LAB ID: 9705157 SAMPLE DESCRIPTION: Groundwater
FACILITY: TWDB SAMPLE DATE: 06/17/97
ACCT NO: SAMPLE TIME: 1500
TX WATER DEV. BOARD

DATE RECEIVED: 06/20/97
REPORT DATE: 08/19/97

LOCATION ID: 65-13-701

PARAMETER	RESULTS	UNITS	STORET #	PQL in WATER	DATE ANALYZED
Alkalinity, Phenol.	<1	mg/L	00415	1	06/20/97
Alkalinity, Total	173	mg/L	00410	1	06/20/97
Bromide	0.54	mg/L	71870	0.05	06/20/97
Chloride	40.9	mg/L	00941	0.1	06/20/97
Fluoride	0.53	mg/L	00950	0.02	06/20/97
Iodide, Laboratory	<0.15	mg/L	71965	0.05	07/11/97
Nit.,Nitrate/Nitrite	0.060	mg/L	00630	0.020	06/30/97
Nitrogen, Kjeldahl	<0.200	mg/L	00623	0.010	07/03/97
Nitrogen, ammonia	<0.100	mg/L	00608	0.010	07/01/97
Silica	23.30	mg/L	00955	0.01	06/30/97
Sulfate	17.60	mg/L	00946	0.10	06/20/97
Aluminum, Dis. ICPMS	<1.5	ug/L	01106	1.0	07/17/97
Antimony, Dis. ICPMS	<1.0	ug/L	01095	1.0	07/17/97
Arsenic, Diss. ICPMS	<1.5	ug/L	01000	1.0	07/17/97
Barium, Diss. ICPMS	240.0	ug/L	01005	1.0	07/17/97
Beryllium, Dis ICPMS	<1.0	ug/L	01010	1.0	07/17/97
Boron, Diss. ICPMS	42.7	ug/L	01020	1.0	07/17/97
Calcium, Dissolved	40.50	mg/L	00915	0.50	06/20/97
Cobalt, Diss. ICPMS	<1.0	ug/L	01035	1.0	07/17/97
Copper, Diss. ICPMS	<1.0	ug/L	01040	1.0	07/17/97
Iron-AA, Dissolved	<15.00	ug/L	01046	15.00	06/26/97
Lead, Diss. ICPMS	<1.0	ug/L	01049	1.0	07/17/97
Lithium, Diss. ICPMS	17.6	ug/L	01130	1.0	07/17/97
Magnesium, Dissolved	9.43	mg/L	00925	0.05	06/20/97
Manganese, Dis ICPMS	<1.0	ug/L	01056	1.0	07/17/97
Molybdenum Dis ICPMS	<1.0	ug/L	01060	1.0	07/17/97
Nickel, Diss. ICPMS	<1.0	ug/L	01065	1.0	07/17/97
Potassium, Dissolved	1.40	mg/L	00935	1.00	06/20/97
Selenium, Dis. ICPMS	<6.0	ug/L	01145	4.0	07/17/97

FINAL ANALYSIS REPORT

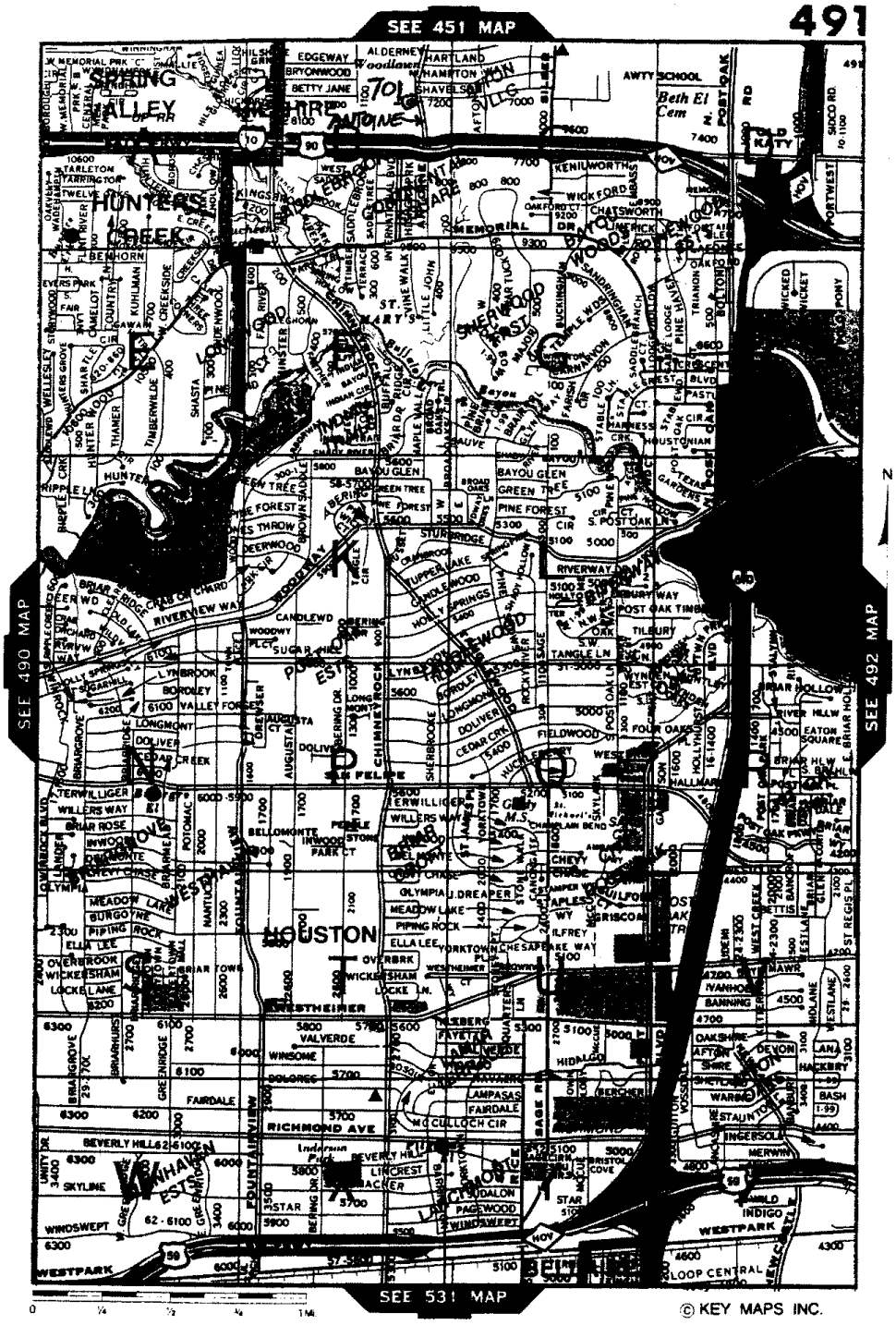
LAB ID: 9705157 SAMPLE DESCRIPTION: Groundwater
FACILITY: TWDB SAMPLE DATE: 06/17/97
ACCT NO: SAMPLE TIME: 1500
TX WATER DEV. BOARD

DATE RECEIVED: 06/20/97
REPORT DATE: 08/19/97

LOCATION ID: 65-13-701

PARAMETER	RESULTS	UNITS	STORET #	PQL in WATER	DATE ANALYZED
Sodium, Dissolved	46.80	mg/L	00930	0.10	06/20/97
Strontium, Dis ICPMS	856.0	ug/L	01080	1.0	08/12/97
Thallium, Diss ICPMS	<1.0	ug/L	01057	1.0	07/17/97
Vanadium, Diss ICPMS	15.2	ug/L	01085	1.0	07/17/97
Zinc, Diss. ICPMS	<1.0	ug/L	01090	1.0	07/17/97

COMMENTS: Silica, NH3, TKN, NO3/NO2 subcontracted.



© KEY MAPS INC.

65-13-701

TWDB Water Quality Field Data Sheet

New Well: yes / no
State Well Number: 65-13-701
County: HARRIS
County Code: 201
Aquifer Code: 121EVGL
Aquifer Id: 15

Send Results To: Owner / Lessee
Owner's Name: CITY OF HOUSTON
Lessee's Name:
Attention:
Mailing Address:
1109 ANTOINE
Well Number: AFTON VILLAGE

Type of Sample: LCRA / HACH
Sample Number: 960 MB
Date: 3-21-01
Sampler(s): MB

CIRCLE BOTTLES TAKEN:

1 (on ice)	2	3 (on ice)	4 (on ice)	5
500ml (filtered)	500ml (filtered)	250ml (filtered)	40 ml (not filtered)	~~1 gallon (filtered)~~
Anions / Total Alkalinity	Cations	Nitrate/Nitrite	Atrazine	~~Radioactivity~~
no preservative	1ml Nitric (HNO3)	0.5 ml Sulfuric (H2SO4)	no preservative	~~10 ml Nitric (HNO3)~~

Add enough of the proper acid to each bottle that is preserved to drop the pH to 2.

Daily Meter Calibration:

pH	7	7.0
	4 or 10	3.99
Conductivity	500	501
	1000	1000
	2000	
	5000	

Time In: 0800
Time Out: 0845

W. L. depth from LSD (ft.):
W.L. remark:

Pumping Since: POA
Sampling Point: FAW

Well Use: PUBLIC
Lift: TURBINE
Power: E

Latitude: 29 47 24
Longitude: 95 28 34 20
Elevation: 85

Sample Time: 0815
Filter pressure: hand pump / line

Field Alkalinity Titration:
7.33 Start pH 4.50 End pH
50 **ml. Sample Size**
8.95 ml. Acid added for Total
ml. Acid added for Phenol
Items below calculated from ml. acid added data:
Field Total Alkalinity: 179 mg/L
Field Phenol Alkalinity: mg/L

Notes:

Water Quality Stabilization Parameters Table

				Final Readings:
Time:	0815			
pH:	7.28			
Temperature (Celsius):	24.8			
Conductivity (uS/cm):	574			
Conductivity Temperature (Celsius):	24.6			

Items Below Calculated Later From Results:
Total Hardness: 159
Calculated TDS (mg/L): 302
Balanced: 8

Data Entered By Sampler Into Database: yes / no

LCRA Environmental Laboratory Services

Date: *17-Apr-01*

CLIENT: Texas Water Development Board
Client Sample ID: 65-13-701
Lab Order: 0103185 **COC ID:** 15686
Project: TWDB 00-01
Collection Date: 03/21/2001 8:15:00 AM
Lab ID: 0103185-04
Matrix: GROUNDWATER

Analyses	Storet	Result	PQL	Qual	Units	DF	QC Batch	Date Analyzed
ICP METALS, DISSOLVED			**E200.7**					Analyst: **SW**
Calcium	00915	44.6	0.204		mg/L	1.02	R8089	03/30/2001
Magnesium	00925	11.5	0.204		mg/L	1.02	R8089	03/30/2001
Potassium	00935	2.14	0.204		mg/L	1.02	R8089	03/30/2001
Sodium	00930	44.6	0.714		mg/L	1.02	R8089	03/30/2001
ICP METALS, DISSOLVED			**E200.7**					Analyst: **SW**
Boron	01020	53.1	51.0		µg/L	1.02	R8087	03/30/2001
Iron	01046	ND	51.0		µg/L	1.02	R8087	03/30/2001
Strontium	01080	731	20.4		µg/L	1.02	R8087	03/30/2001
ICPMS METALS, DISSOLVED			**E200.8**					Analyst: **PJM**
Aluminum	01106	ND	4.00		µg/L	1	R8132	04/03/2001
Antimony	01095	ND	1.00		µg/L	1	R8132	04/03/2001
Arsenic	01000	2.04	2.00		µg/L	1	R8132	04/03/2001
Barium	01005	227	1.00		µg/L	1	R8132	04/03/2001
Beryllium	01010	ND	1.00		µg/L	1	R8132	04/03/2001
Cadmium	01025	ND	1.00		µg/L	1	R8132	04/03/2001
Chromium	01030	1.07	1.00		µg/L	1	R8132	04/03/2001
Cobalt	01035	ND	1.00		µg/L	1	R8132	04/03/2001
Copper	01040	3.50	2.00		µg/L	1	R8212	04/11/2001
Lead	01049	ND	1.00		µg/L	1	R8212	04/11/2001
Lithium	01130	16.3	2.00		µg/L	1	R8132	04/03/2001
Manganese	01056	1.80	1.00		µg/L	1	R8132	04/03/2001
Molybdenum	01060	1.09	1.00		µg/L	1	R8132	04/03/2001
Nickel	01065	ND	1.00		µg/L	1	R8132	04/03/2001
Selenium	01145	6.30	4.00		µg/L	1	R8132	04/03/2001
Thallium	01057	ND	1.00		µg/L	1	R8132	04/03/2001
Vanadium	01085	16.8	1.00		µg/L	1	R8132	04/03/2001
Zinc	01090	ND	4.00		µg/L	1	R8212	04/11/2001
DISSOLVED ANIONS BY ION CHROMATOGRAPH E300								Analyst: **AMJ**
Bromide Dissolved	71870	0.185	0.0200		mg/L	1	R8235A	04/11/2001
Chloride Dissolved	00941	49.7	1.00		mg/L	1	R8235A	04/11/2001
Fluoride Dissolved	00950	0.303	0.0100		mg/L	1	R8235A	04/11/2001
Sulfate Dissolved	00946	13.5	1.00		mg/L	1	R8235A	04/11/2001
ALKALINITY			**M2320 B**					Analyst: **WR**

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

LCRA Environmental Laboratory Services

Date: *17-Apr-01*

CLIENT: Texas Water Development Board
Client Sample ID: 65-13-701
Lab Order: 0103185 **COC ID:** 15686
Project: TWDB 00-01
Collection Date: 03/21/2001 8:15:00 AM
Lab ID: 0103185-04
Matrix: GROUNDWATER

Analyses	Storet	Result	PQL	Qual	Units	DF	QC Batch	Date Analyzed
Alkalinity, Phenolphthalein	00415	ND	0		mg/L CaCO3	1	R8104	04/02/2001
Alkalinity, Total (As CaCO3)	00410	183	2.00		mg/L CaCO3	1	R8104	04/02/2001
CATION/ANION BALANCE			**CALCULATION**					Analyst: **AMJ**
Cation/Anion Balance	00000	Balanced	0		Date	1	R8289	04/16/2001
NITRATE AND NITRITE			**E353.2**					Analyst: **CL**
Nitrogen, Nitrate & Nitrite	00631	ND	0.0200		mg/L	1	R8029E	03/27/2001
SILICA			**E370.1**					Analyst: **CL**
Silica, Dissolved (as SiO2)	00955	25.3	0.500		mg/L	1	R8059F	03/29/2001

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

County Harris Lat. 29°47'21" Long. 95°28'32"

Date Jan. 20, 1955 Well No. LJ-65-13-701

Aquifer Gulf Coast sands Pre-Test Water Level 273.77

Discharge 2,590 Specific Capacity 26.8

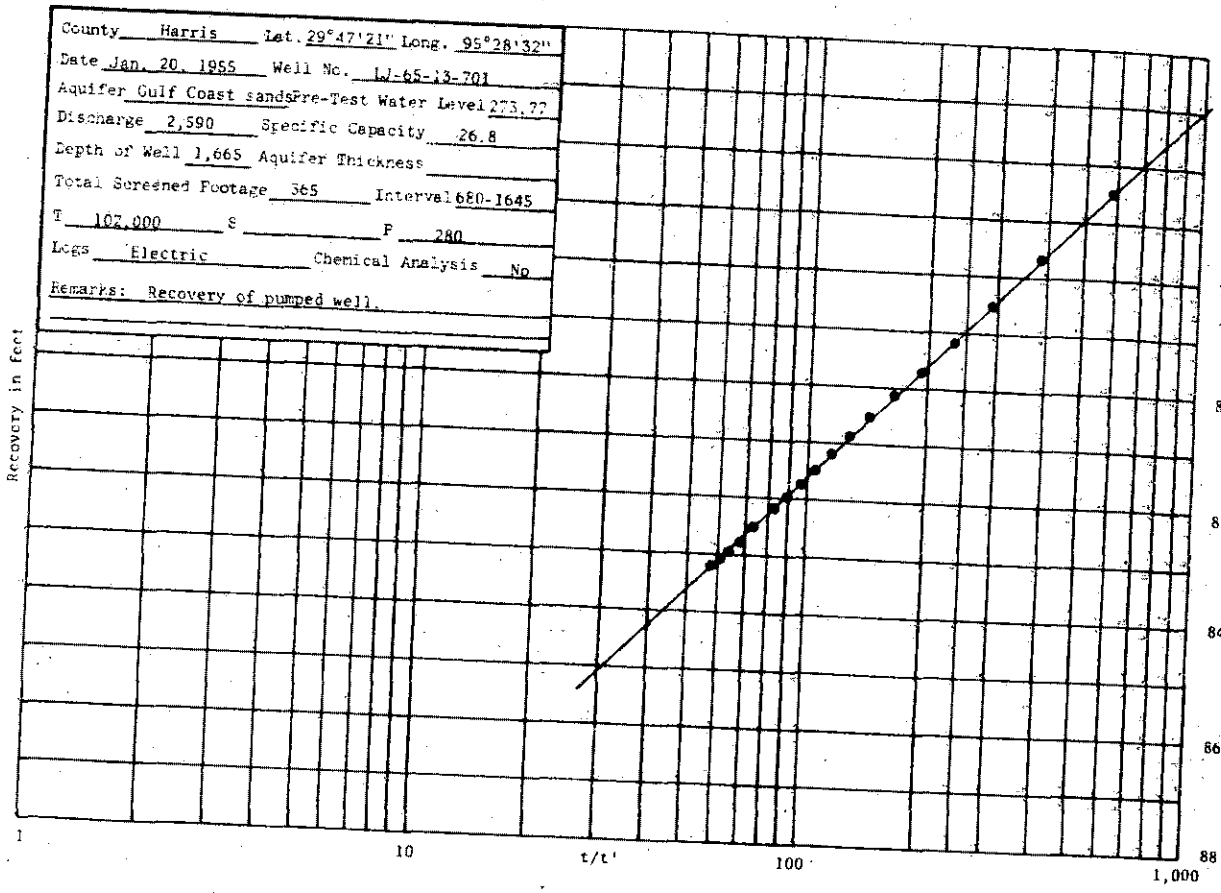
Depth of Well 1,665 Aquifer Thickness

Total Screened Footage 365 Interval 680-1645

T 102,000 S F 280

Logs Electric Chemical Analysis No

Remarks: Recovery of pumped well.



Send original copy by certified mail to: **TNRCC, P.O. Box 13087, Austin, TX 78711-3087**

Please use black ink. 4916

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** DARIA LEXINGTON (Name) **ADDRESS** 3210-2 POTAMAC DR. HSTN TX 77057 (Street or RFD) (City) (State) (Zip)

2) **ADDRESS OF WELL:** County HARRIS 318 BUCKINGHAM HSTN TX 77057 (Street, RFD or other) (City) (State) (Zip) **GRID #** 65-13-7

3) **TYPE OF WORK (Check):** ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) X

6) **WELL LOG:**
Date Drilling: Started 5/23 19 96 Completed 5/25 19 96

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
7 7/8	Surface	435
4 7/8	435	455

7) **DRILLING METHOD (Check):** ☐ Driven ☐ Air Rotary ☑ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	16	TOP SOIL & CLAY
16	42	SURFACE SAND
42	75	CLAY
75	108	SAND
108	115	CLAY
115	145	SAND
145	158	CLAY
158	160	SAND
160	190	CLAY
190	200	SAND
200	205	CLAY
205	228	SAND
228	231	CLAY
231	300	SAND
300	310	CLAY

(Use reverse side if necessary)

8) **Borehole Completion (Check):** ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5	N	SDR17	0	435	
3	N	GALVANIZED	425	435	
3	N	PVC SCREEN	435	445	.012
3	N	PVC SCREEN	445	455	.014

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from 0 ft. to 15 ft. No. of sacks used 8
385 ft. to 435 ft. No. of sacks used 3
Method used HALLIBURTON / TRIMMER
Cemented by BUSSELL & SON INC.
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance ____

13) **TYPE PUMP:** ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ____ ft.

10) **SURFACE COMPLETION**
☐ Specified Surface Slab Installed [Rule 338.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

14) **WELL TESTS:**
Type test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 125 gpm with ____ ft. drawdown after ____ hrs.

11) **WATER LEVEL:**
Static level 224 ft. below land surface Date 5-25-96
Artesian flow ____ gpm. Date ____

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? ☐ Yes ☑ No

12) **PACKERS:**

Type	Depth
K-PACKER	425

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME BUSSELL & SON INC (Type or print) **WELL DRILLER'S LICENSE NO.** 2035

ADDRESS PO BOX 874 (Street or RFD) TOMBALL (City) TEXAS (State) 77377-0874 (Zip)

(Signed) Craig D. Bussell (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

4820107577

Please attach electric log, chemical analysis, and other pertinent information, if available.

State Dup

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-13-5J
Located on map Yes
Received: C.K.S.

1) OWNER J. O. Winston Jr (Name) Address 101 Carnarvon (Street or RFD) Houston (City) Texas (State) (Zip)

2) LOCATION OF WELL:
County Harris miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Well #2
Date drilled 3/17/83

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
8 (7 7/8)	Surface	378

7) BOREHOLE COMPLETION:
☐ Open Hole ☒ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
		See attached Well log and Completion Report by Birdwell Water Well Serv. Co (sub-contractor)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5 9/16	N	Black Iron	0	274	.040
5 9/16	N	Stainless Steel (WW Barky)	274	324	.015
5 9/16	N	Black Iron	324	367	.040

CEMENTING DATA
Cemented from 0 ft. to 40 ft.
Method used _____
Cemented by _____ (Company or Individual)

Note: Replacement well for one plugged (see Plugging Report this package)

RECEIVED
JUL 11 1983
DEPT. OF WATER RESOURCES

9) WATER LEVEL:
Static level 211 ft. below land surface Date 3/17/83
Artesian flow _____ gpm. Date _____

10) PACKERS:

Type	Depth
Neoprene	265'
Neoprene	255'

11) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 294 ft.

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

12) WELL TESTS:
☒ Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 30 gpm with air ft. drawdown after _____ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Leland Lawson (Type or Print) Water Well Drillers Registration No. 28

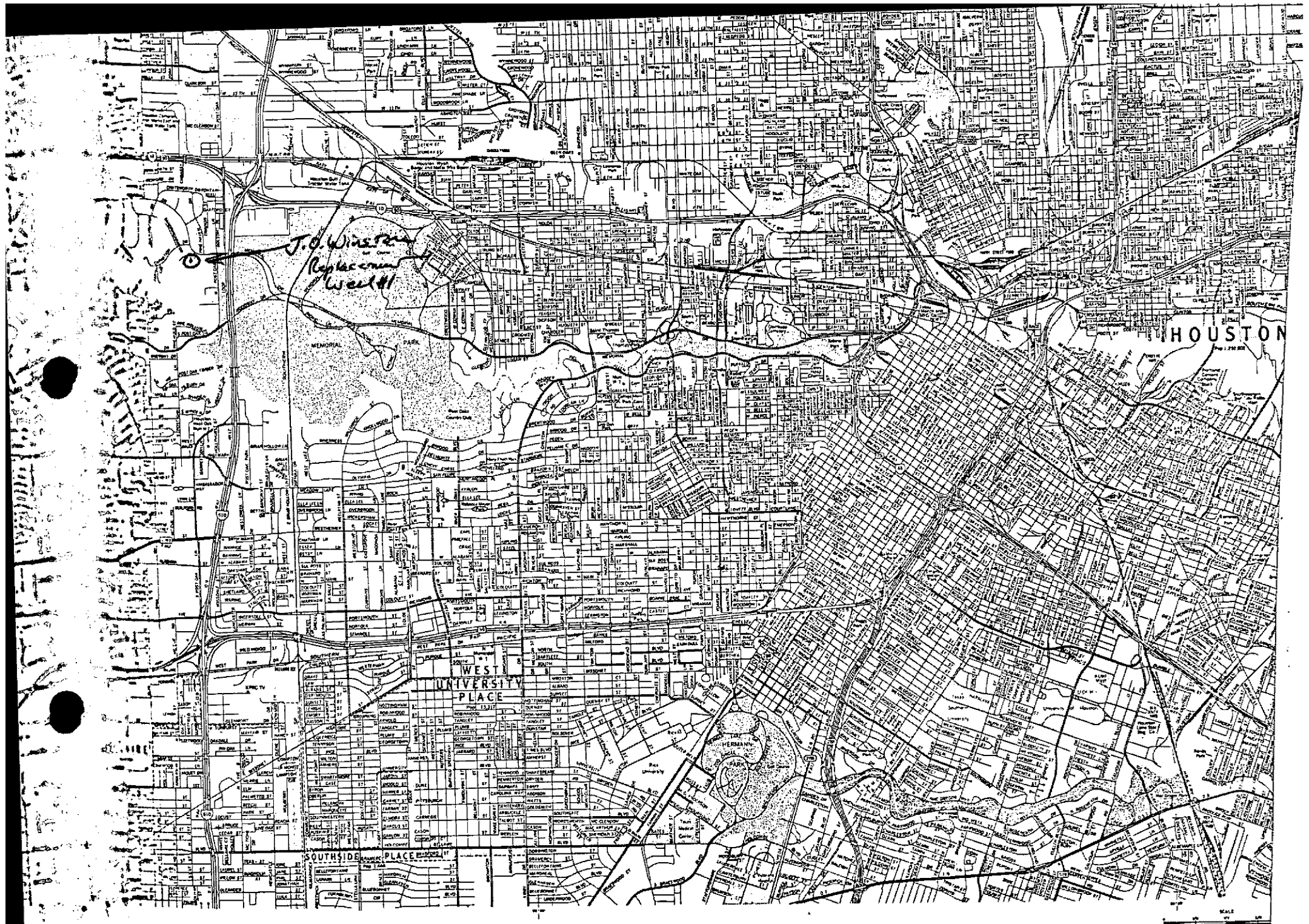
ADDRESS Po Box 9465 (Street or RFD) Houston (City) Tex (State) 77261 (Zip)

(Signed) Leland Lawson #28 (Water Well Driller) Layne Texas Co (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY


J.O. Winstrip
Replacement
Well #1
MEMORIAL
PARK
HOUSTON
WEST
UNIVERSITY
PLACE
SOUTHSIDE
PLACE
HERMANN
PARK
1973
1970 CENSUS FIGURES
HIGHWAYS REVISED TO JULY

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: NESBITT, RAY B. ADDRESS: #1 WINSTON WOODS DRIVE CITY: HOUSTON STATE: TX ZIP: 77024-

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-13-07
Street or RFD: (SAME AS ABOVE)
City, State, Zip code: HOUSTON , TX 77024-

5)

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: DOMESTIC
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 00529

DATE DRILLING:
STARTED: 09/11/01
COMPLETED: 11/02/01

DIAMETER OF HOLE

DIAMETER	FROM	TO
6.75	-0-	408
4.75	408	424

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: TWO-STRING
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

N^

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	PVC WELL CASING	+2	408	SDR-17
2.5	N	PVC BLANK PIPE	403	413	SCH 80
2.5	N	STAINLESS ROD BASE	413	423	8 GA
2.5	N	NIP W/BACKWASH VALVE	423	424	SCH 80

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	50	TOPSOIL, CLAY, SAND RED CLAY, SAND,
50	80	RED CLAY GRAY CLAY RED CLAY
80	120	SAND ROCK W/SAND STREAKS RED CLAY
120	136	RED & WHITE CLAY
136	174	SAND
174	240	SHALE, SAND, SHALE CLAY SHALE,
240	260	SHALE, ROCK W/SAND STREAKS SHALE,
260	306	SAND SAND ROCK
306	328	SAND
328	356	CLAY
356	400	SAND ROCK W/SAND STREAKS CLAY
400	424	ROCK SAND SAND

9) CEMENTING DATA:

Cemented from	No. of Sacks Used
408 FT. TO -0- FT.	20
1 FT. TO 20 FT.	6

Method used: HALLIBURTON METHOD
Cemented by: GDI FULLY PRESSURED
Distance to septic field lines: n/a ft.
Method of verification of above distance:
PUBLIC SEWAGE

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 210 FT. DATE: 11/02/01
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
FORMATIOM PACKER	20
BP-SEAL	403

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 300

14) WELL TEST:
JETTED
YIELD: 70 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 13 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: GEOPHYSICAL DRILLING,INC. WATER WELL DRILLER'S LICENSE NO.: 2888 WI
ADDRESS: P.O. BOX 664 CITY: FULSHEAR STATE: TX ZIP CODE: 77441

FOR TWC USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE SH LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Greg D. Hill (LICENSED WATER WELL DRILLER)

(signed) Travis Otto (REGISTERED DRILLER TRAINEE)

RECEIVED
TDLR MAIL ROOM
NOV 20 2001
RECEIPT AMOUNT

4820125767

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
A. B. Ramesh	1360 Post Oak Blvd	Houston	TX	77058

2) WELL LOCATION

County	Physical Address	City	State	Zip
Harris	100 Carnarvon	Houston	TX	

Lat. 29 | 50 | Long. 96 | 30 | Grid # 65-13-8

3) Type of Work
☑ New Well ☐ Deepening
☐ Reconditioning

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☑ No

5) N↑ X

6) Drilling Date
Started 09/28/00
Completed 09/30/00

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
8.5	0	470

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☑ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☐ Other

From (ft)	To (ft)	Description and color of formation material
0	15	Clay
15	35	Sand
35	60	Clay
60	102	Sand & Rock
102	135	Clay & Rock
135	190	Sand & Rock
190	260	Rock & Clay
260	335	Sand & Rock
335	360	Clay
360	420	Sand & Rock
420	470	Clay & Rock

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☑ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☐ Other
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
5	New	PVC Casing	0	300	
5	New	PVC Slotted Screen	300	340	.020
5	New	PVC Casing	340	360	
5	New	PVC Slotted Screen	360	420	.020

9) Cementing Data
Cementing from 0 ft. to 20 ft. # of sacks used 11
ft. to ft. # of sacks used
Method Used Slurry
Cementing By J & S Water Wells
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion
☐ Specified Surface Slab Installed
☑ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., 337 ft.

11) Water Level
Static level 180 ft. below Date 09/30/00
Artesian Flow gpm. Date / /

15) Water Test
Typetest ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 70 gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes ☑ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☑ No

12) Packers

	Type	Depth
1	Shale	20
4	Shale	100-260

Company or Individual's Name (type or print) J & S Water Wells – Tomas Salinas | Lic. No. 54238W

Address P O Box 675 | City Bellville | State TX | Zip 77418

Signature Licensed Driller/Pump Installer	Date	Signature Apprentice	Date
Tomas Salinas	9/29/00		/ /

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

4820125460

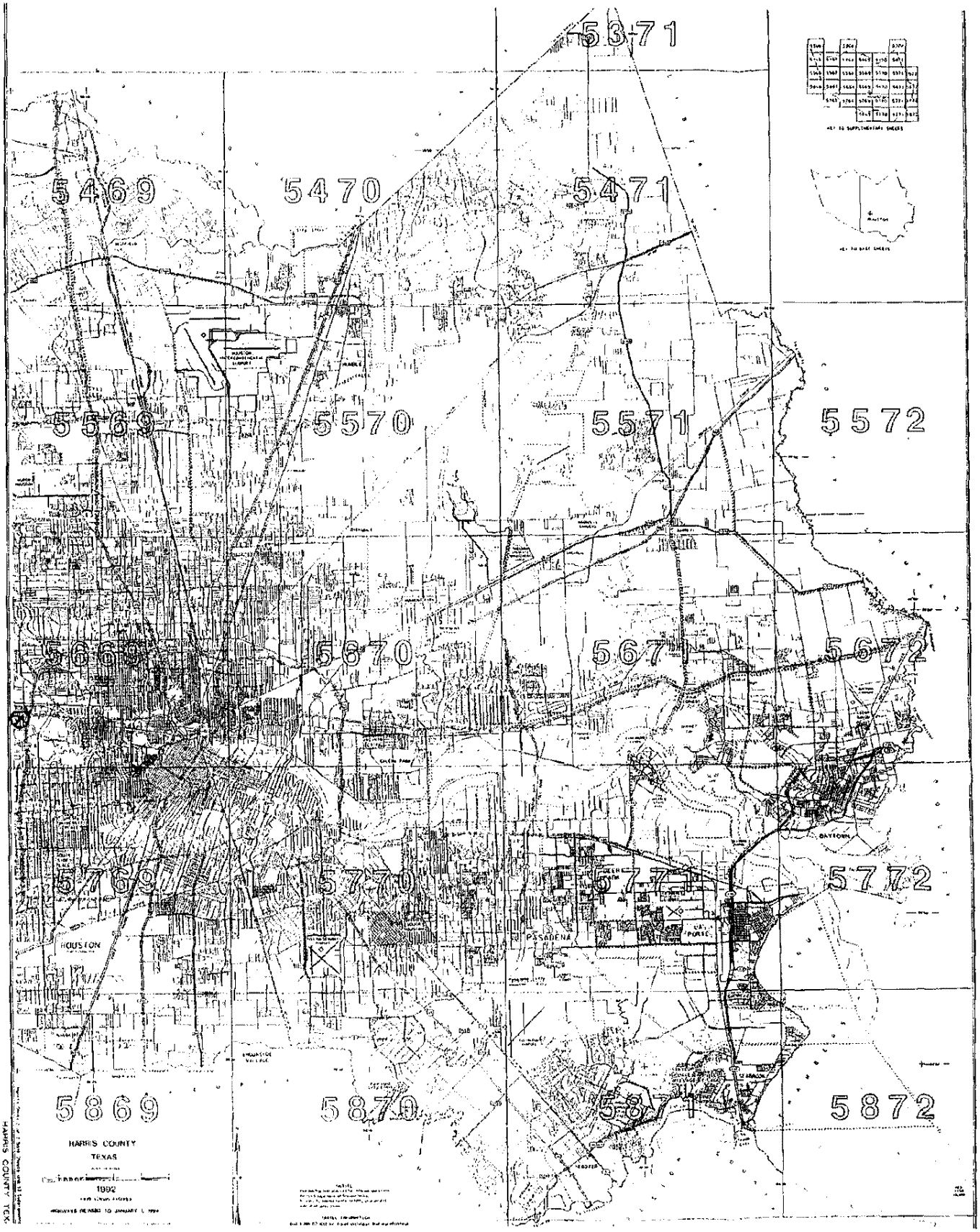
IMPORTANT NOTICE FOR PERSONS
HAVING WELLS DRILLED CONCERNING
CONFIDENTIALITY

Section 32.005 of the Texas Water Code, concerning confidential information in the Reporting of Well Logs, reads as follows:

> "Every licensed driller drilling, deepening, or otherwise altering a water well within this State shall make and keep a legible and accurate well log in accordance with department rule on forms prescribed by the department. Not later than the 60th day after the completion or cessation of drilling, deepening, or otherwise altering the well, the licensed driller shall deliver or transmit by certified mail a copy of the well log to the department and to the owner of the well or the person for whom the well was drilled. Each copy of a well log, other than a department copy, must include the name, mailing address, and telephone number of the department. The well log shall be recorded at the time of drilling, and must show the depth, thickness, and character of the strata penetrated, the location of water-bearing strata, the depth, size, and character of casing installed, and any other information required by department rule. The department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner or person for whom the well was drilled.

The last sentence specifies the means whereby you may, if you wish, assure that logs of your wells will be kept confidential.

From (ft.)	To (ft.)	Description and color of formation material
420	**430**	**5" New PVC Casing**


5371
5469
5470
5471
5569
5570
5571
5572
5669
5670
5671
5672
5769
5770
5771
5772
5869
5870
5871
5872
HOUSTON
PASADENA
BAYTOWN
HARRIS COUNTY
TEXAS
1992

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-704

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513704
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.773333
Latitude (degrees minutes seconds)	29° 46' 24" N
Longitude (decimal degrees)	-95.466667
Longitude (degrees minutes seconds)	095° 28' 00" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCTL - Chicot Aquifer, Lower
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	67
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	505
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1953
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Turbine
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Laise
Driller	Briggs Pump Service
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178: Screen from 465 to 505 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

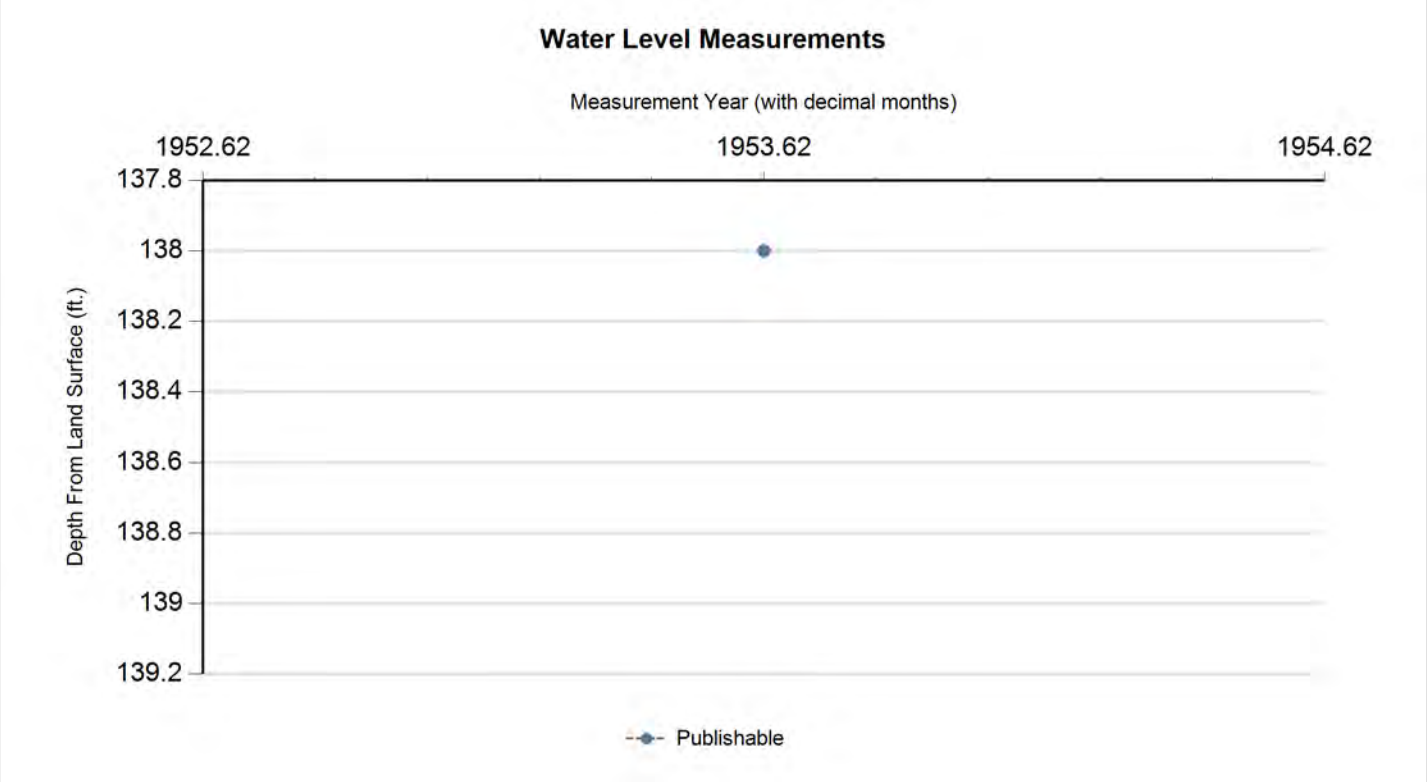
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	8/17/1953		138		-71	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-708

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513708
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.775833
Latitude (degrees minutes seconds)	29° 46' 33" N
Longitude (decimal degrees)	-95.466389
Longitude (degrees minutes seconds)	095° 27' 59" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	66
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	325
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1950
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Turbine
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	M. R. Sprague
Driller	H. L. Jackson Co.
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178: 30 ft. of screen between 260 and 325 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

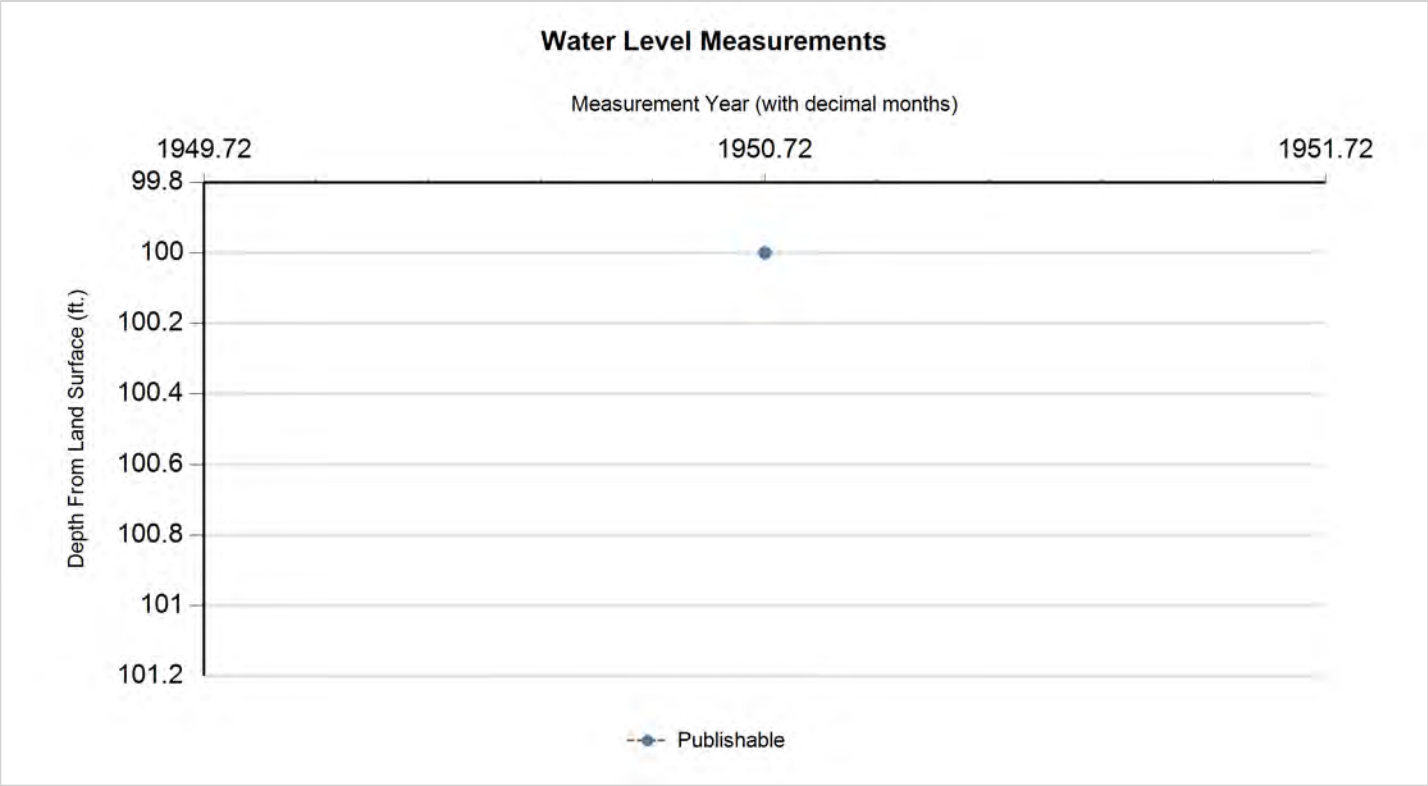
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	9/23/1950		100		-34	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

STATE OF TEXAS WELL REPORT for Tracking #278048

Owner:	**Kramer**	Owner Well #:	**Well Log 3132**
Address:	**119 Carnarvon Houston, TX**	Grid #:	**65-13-7**
Well Location:	**119 Carnarvon Houston, TX**	Latitude:	**29° 46' 34" N**
		Longitude:	**095° 27' 58" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **5/3/2006** Drilling End Date: **5/3/2006**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.5**	**0**	**378**
	4.875	**378**	**402**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Two String /K-Packer**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**378**	**65**

Seal Method: **Pressure-Haliburton**

Sealed By: **AWWS**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **City Sewer**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Pitless Adapter Used**

Water Level: **200 ft.** below land surface on **2006-05-05** Measurement Method: **Unknown**

Packers: **K-Packer 370'**
K-Packer 371'

Type of Pump: **Submersible** Pump Depth (ft.): **296**

Well Tests: **Jetted** **Yield: 125+ GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**402**	**Not Tested**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Almeda Water Well Service**

PO Box 266
Manvel, TX 77578

Driller Name: **Carl Loftin** License Number: **2350**

Comments: **^EAD**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	13	fill soil clay-tan
13	34	sand-tan-fine
34	155	clay-red clay / sand streaks
155	178	sand-tan-.006-.008
178	190	clay-red
190	203	sand-tan-.006-.008 sand-tan-.010-.012
203	236	clay-red
236	290	sand-tan-.006-.008 sand-tan-.010-.012
290	303	clay-red
303	332	sand-tan-.006-.008 sand-tan-.010-.012
332	356	broken sand & clay
356	370	sand-tan-.010-.012
370	374	clay-red
374	400	sand-tan-.006-.008 sand-tan-.010-.012
400	402	clay-red

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5"	N	PVC SDR 17	0'-378' Casing
3"	N	PVC Sch 40	370'-380' Liner
3"	N	Johnson Super Flow	380'-400' .008
3"	N	PVC Sch 40	400'-402' Liner

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER Debbie J. Callan (Name) ADDRESS 9550 Memorial Dr. (Street or RFD) Houston (City) Tx (State) 77024 (Zip)

2) LOCATION OF WELL: County Harris, 1 miles in East (NE, SW, etc.) direction from Hunters Creek (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:

Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____

Distance and direction from two intersecting section or survey lines _____

☑ SEE ATTACHED MAP

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☑ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:

Date Drilling: Started 1-19 19 94 Completed 1-21 19 94

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
9½	Surface	390
6¾	390	420

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☑ Other 2 string

If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	2	Top Soil
2	34	Red + Gray Clay
34	35	Sand Stone
35	155	Red + Gray Clay
155	175	Sand
175	235	Red + Gray Clay
235	253	Sand
253	295	Red + Gray Clay
295	325	Sand
325	365	Red + Gray Clay

(Use reverse side if necessary) over

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5"	N	SDR 17 PVC	+2	390	
3"	N	Sch 40 PVC	383	398	
3"	N	S.S. Rod Base - Halliburton	398	418	.010
3"	N	Sch 40 PVC	418	420	

9) CEMENTING DATA [Rule 287.44(1)]

Cemented from +1 ft. to 390 ft. No. of Sacks Used 64

_____ ft. to _____ ft. No. of Sacks Used _____

Method used Pressure Cemented w 8% Gel

Cemented by Kerry K. Johnston

10) SURFACE COMPLETION

☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]

☑ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]

☐ Pitless Adapter Used [Rule 287.44(3)(B)]

☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:

Static level 232 ft. below land surface Date 1-21-94

Artesian flow _____ gpm. Date _____

12) PACKERS:

Type	Depth
K Packer 3X5	383'

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____

Depth to pump bowls, cylinder, jet, etc., 315 ft.

14) WELL TESTS:

Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated

Yield: 100 gpm with 40 ft. drawdown after 1 hrs.

15) WATER QUALITY:

Did you knowingly penetrate any strata which contained undesirable constituents?

☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"

Type of water? _____ Depth of strata _____

Was a chemical analysis made? ☐ Yes ☐ No

RECEIVED JUN 07 1994 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Johnston's Water Well Service (Type or print) WELL DRILLER'S LICENSE NO. 2778 WI

ADDRESS 28414 Calvert Rd. (Street or RFD) Tomball (City) Tx. (State) 77375 (Zip)

(Signed) Kerry K. Johnston (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. _____ Located on map 65·13·7

TWC-0199 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING PRIVILEGE OF CONFIDENTIALITY

The Water Well Drillers Board and the Texas Water Commission are concerned that some persons having wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every licensed water well driller drilling, deepening or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within 60 days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. Each copy of a well log, other than a Commission copy, shall include the name, mailing address, and telephone number of the Board and the Commission. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential.

From (ft.)	To (ft.)	Description and color of formation material
365	379	Sand
379	387	Red & Gray Clay
387	418	Sand
418	420	Gray Clay

HARRIS COUNTY
TEXAS
1979
1980 CENSUS FIGURES
HIGHWAYS REVISED TO SEPTEMBER 1, 1980
KEY TO BASE SHEETS
KEY TO SUPPLEMENTARY SHEETS
NOTICE
HOUSTON
JACINTO CITY
GALENA PARK
DEER PARK
LA PORTE
PASADENA
BAYTOWN
MONT BELVIEW
SHORE ACRES
SEABROOK
KEMAH
LEAGUE CITY
FRIENDSWOOD
WEBSTER
PEARLAND
BRAZORIA
GALVESTON
BAY
Debbie Eatman

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

7(6)

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER JOHN KARBLI (Name) ADDRESS 618 LITTLEJOHN HOUSTON TX (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County HARRIS, 5 miles in W (NE, SW, etc.) direction from HOUSTON (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:

Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____

Distance and direction from two intersecting section or survey lines _____

☑ SEE ATTACHED MAP

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:

Date Drilling: Started 10-14 1993 Completed 10-18 1993

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
7 7/8	Surface	375
3 7/8	375	382

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☑ Other 2-STRING

If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	53	TOP SOIL & RED SHALE
53	70	SAND & SAND STONE
70	147	RED SHALE
147	168	SAND
168	265	RED SHALE
265	290	SAND
290	295	ROCK
295	317	RED SHALE
317	350	SAND
350	355	WHITE SHALE
355	382	SAND

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5	N	PVC-SDR17	0	362	SCH80
2 1/2	N	PVC-SCREEN	362	382	SCH80

9) CEMENTING DATA [Rule 287.44(1)]

Cemented from 0 ft. to 362 ft. No. of Sacks Used 34

ft. to _____ ft. No. of Sacks Used _____

Method used PRESSURE

Cemented by SUGG WATER WELL

10) SURFACE COMPLETION

☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]

☑ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]

☐ Pitless Adapter Used [Rule 287.44(3)(B)]

☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:

Static level 234 ft. below land surface Date 10-18-93

Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____

Depth to pump bowls, cylinder, jet, etc., 315

14) WELL TESTS:

Type Test: ☑ Pump ☐ Bailer ☐ Jetted ☐ Estimated

Yield: 50 gpm with 20 ft. drawdown after 2 hrs.

15) WATER QUALITY:

Did you knowingly penetrate any strata which contained undesirable constituents?

☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"

Type of water? _____ Depth of strata _____

Was a chemical analysis made? ☐ Yes ☑ No

RECEIVED AUG 30 1994 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME SUGG WATER WELL DRILLING (Type or print) WELL DRILLER'S LICENSE NO. 1006 WPKL

ADDRESS 13501 CHRISMAN #26 (Street or RFD) HOUSTON (City) TEXAS (State) 77039 (Zip)

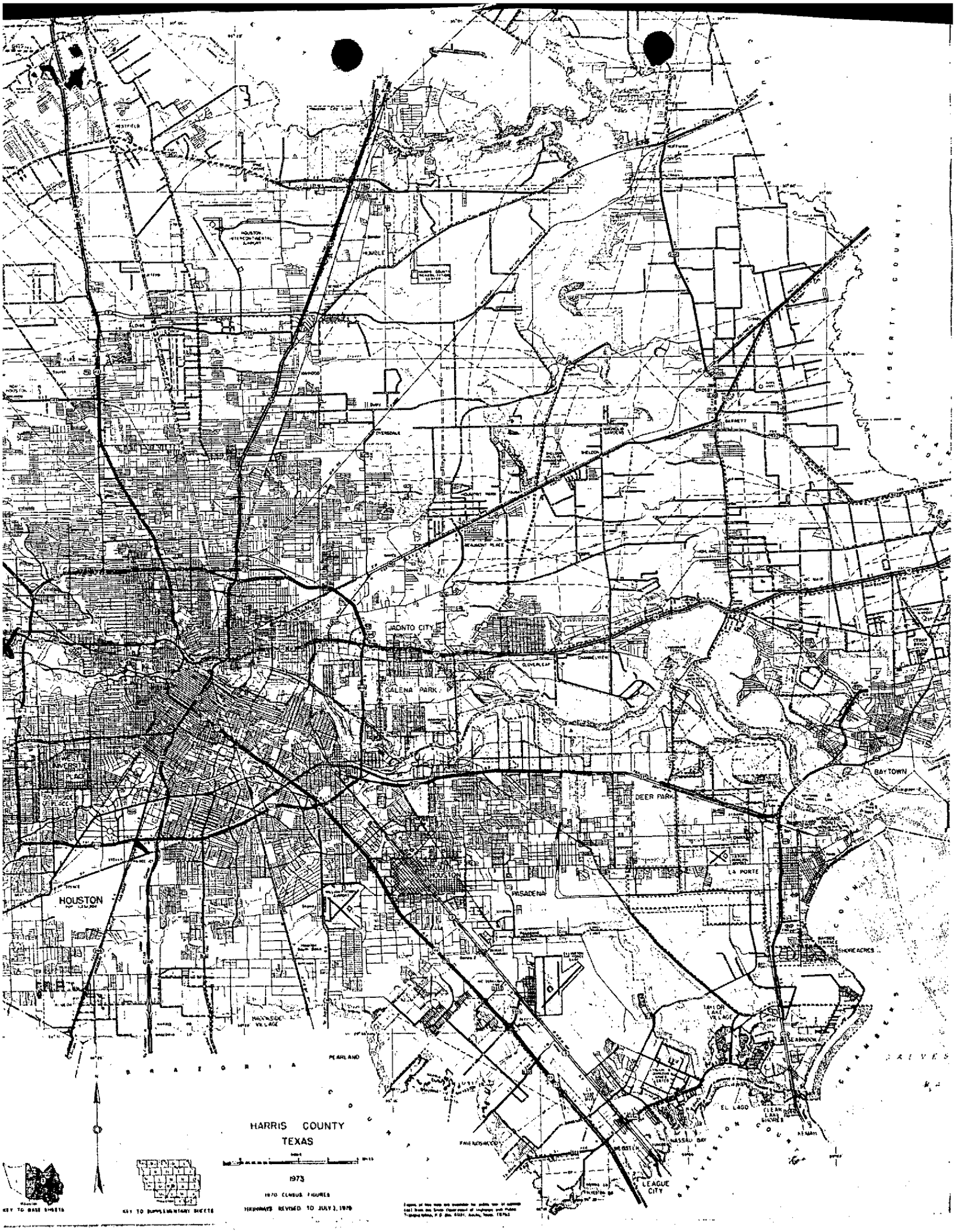
(Signed) James H. Sugg Jr. (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TNRCC use only: Well no. _____ Located on map 65-13-7

TNRCC-0199 (Rev. 05-18-90)

TNRCC COPY


HARRIS COUNTY
TEXAS
1973
1970 CENSUS FIGURES
HIGHWAYS REVISED TO JULY 3, 1973
KEY TO BASE SHEETS
KEY TO SUPPLEMENTARY SHEETS
HOUSTON
JACINTO CITY
GALENA PARK
DEER PARK
BAYTOWN
LA PORTE
PASADENA
PEARLAND
EL LAGO
LEAGUE CITY
BRAZORIA
LIBERTY COUNTY
CHAMBERS COUNTY
GALVESTON COUNTY

STATE OF TEXAS WELL REPORT for Tracking #163571

Owner:	**Harl, Randy & Cassie**	Owner Well #:	**Well Log #03382**
Address:	**327 E Frier Tuck Houston, TX**	Grid #:	**65-13-7**
Well Location:	**327 E Friar Tuck Houston, TX**	Latitude:	**29° 46' 45" N**
		Longitude:	**095° 28' 21" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/25/2007** Drilling End Date: **1/4/2008**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.5**	**0**	**367**
	4.875	**367**	**390**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Two String/K-Packer**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**367**	**65**

Seal Method: **Pressure Haliburton**

Sealed By: **AWWS**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **City Sewer**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Surface Sleeve Installed**

Water Level: **196 ft.** below land surface on **2007-09-27** Measurement Method: **Unknown**

Packers: **K-Packer 360'**
K-Packer 361'

Type of Pump: **Submersible** Pump Depth (ft.): **275**

Well Tests: **Jetted** **Yield: 150 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**390**	**Not Tested**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Almeda Water Well Service**

PO Box 266
Manvel, TX 77578

Driller Name: **Carl Loftin** License Number: **2350**

Comments: **^EO**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	4	soil
4	15	clay-tan
15	52	sand -tan-.006-.008
52	141	clay-tan clay/sand streaks
141	170	sand-tan-.006-.008 sand-tan-.010-.012
170	233	clay-tan
233	299	sand-tan-.006-.008
299	312	rock
312	328	sand-tan-.006-.008
328	358	clay-red clay-gray
358	387	sand-white-.006-.008
387	389	clay/sand streaks
389	390	clay-red

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" N PVC SDR17 0'-367' Casing			
3" N PVC SCH40 360'-367' Liner			
3" N Johnson Super Flow 367'-387' .008			
3" N PVC SCH40 387'-390' Liner			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Send original copy by certified mail to the Texas Department of Water Resources P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 05 12-15
Located on map yes
Received: FS

1) OWNER Country Stock (Name) Address 29415 Liberty Ln. (Street or RFD) Tomball (City) TX (State) 77375 (Zip)

2) LOCATION OF WELL: 111 Post Oak Ln.
County Harris _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☐ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 7/6/84

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	220

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☒ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 10 ft. to 210 ft.

From (ft.)	To (ft.)	Description and color of formation material
0	23	Top Soil & Clay
23	75	Surface Sand
75	97	White Clay
97	115	Sand
115	151	Clay
151	180	Sand
180	206	Clay
206	220	Sand

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	PVC	0	210	
4	N	PVC	210	220	014

CEMENTING DATA
Cemented from _____ ft. to _____ ft.
Method used _____
Cemented by _____ (Company or Individual)

9) WATER LEVEL:
Static level 38' ft. below land surface Date 7/7/84
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

RECEIVED
MAY - 7 1985
DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

11) TYPE PUMP: ☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

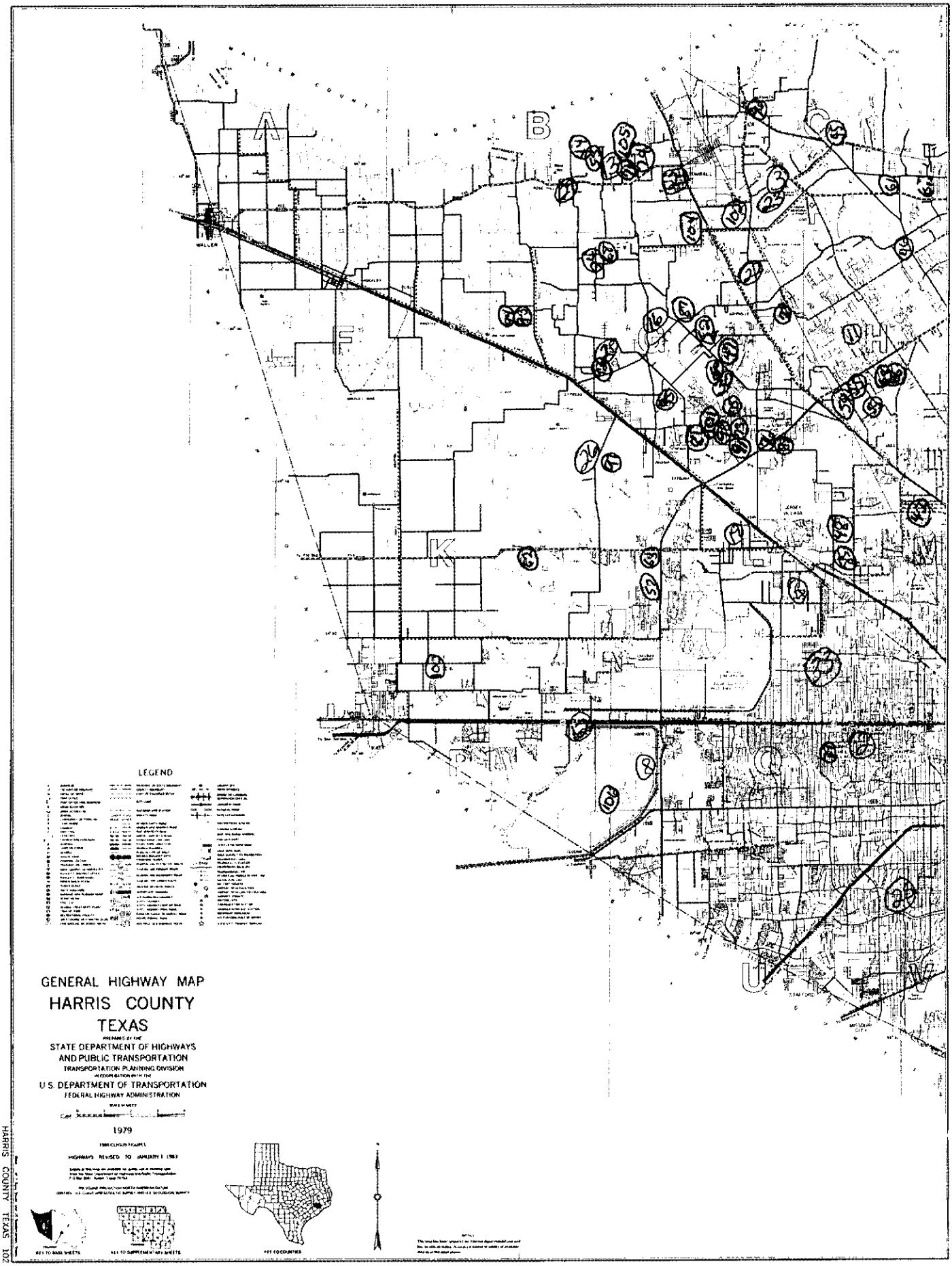
NAME Craig D. Bussell (Type or Print) Water Well Drillers Registration No. 2035
ADDRESS P.O. Box 874 (Street or RFD) Tomball (City) TX (State) 77375 (Zip)
(Signed) Craig Bussell (Water Well Driller) Bussell & Son Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

DWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

4820110913


LEGEND
GENERAL HIGHWAY MAP
HARRIS COUNTY
TEXAS
PREPARED BY THE
STATE DEPARTMENT OF HIGHWAYS
AND PUBLIC TRANSPORTATION
TRANSPORTATION PLANNING DIVISION
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
1979
HIGHWAYS REVISED TO JANUARY 1, 1979
KEY TO BASE SHEETS
KEY TO SUPPLEMENTARY SHEETS
KEY TO COUNTIES

STATE OF TEXAS WELL REPORT for Tracking #219707

Owner:	**The Womesm's Home**	Owner Well #:	**No Data**
Address:	**1829 Jacqulyn Houston, TX 77007**	Grid #:	**65-13-4**
Well Location:	**No Data**	Latitude:	**29° 48' 11" N**
		Longitude:	**095° 28' 33" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Irrigation**

Drilling Start Date: **12/28/2009** Drilling End Date: **1/5/2010**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8**	**0**	**359**
	4.5	**359**	**375**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Two String/K-Packer**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**359**	**80**

Seal Method: **Pressure-Haliburton**

Sealed By: **AWWS**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **50+**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **owner**

Surface Completion: **Surface Slab Installed**

Water Level: **198 ft.** below land surface on **2010-01-05** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **Submersible** Pump Depth (ft.): **315**

Well Tests: **Jetted** **Yield: 100 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**375**	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Almeda Warer Well Service**

PO Box 266
Manvel, TX 77578

Driller Name: **Mike Pyburn** License Number: **2843**

Apprentice Name: **Gonzalo Cortez** Apprentice Number: **56341**

Comments: **^NK**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**soil**
3	**22**	**clay-gray clay-tan**
22	**45**	**sand-tan-fine**
45	**212**	**clay-red**
212	**222**	**sand-tan-fine sand-tan-.006 -.008**
222	**270**	**clay-red**
270	**300**	**sand-tan-fine sand-tan-.006 -.008**
300	**306**	**clay-red**
360	**375**	**sand-tan-.006-.008 sand-tan-.010-.012**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5	**New**	**PVC SDR 17**	**0-359 casing**
3	**New**	**PVC SCH. 40**	**350-360 liner**
3	**New**	**PVC - slotted**	**360-375 .008**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

65-13-9G

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER WilliamBrothers Construction (Name) Address P.O. Box 77006 (Street or RFD) Houston (City) Tx. (State) 77006 (Zip)

2) LOCATION OF WELL:
County Harris 5 miles in N (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ See attached map. map on 65-29-3X

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☐ Domestic ☒ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	369

Date drilled 9/15/82

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil
3	226	Clay
226	262	Sand
262	272	Clay
272	287	Sand
287	294	Clay
294	300	Sand
300	320	Clay
320	369	Sand

(Use reverse side if necessary)

7) BOREHOLE COMPLETION:
☐ Open Hole ☒ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	PVC	0	333	40
4	N	Everflo	329	349	20
2½	N	Everflo	349	369	20

CEMENTING DATA
Cemented from _____ ft. to _____ ft.
Method used _____
Cemented by _____ (Company or Individual)

9) WATER LEVEL:
Static level 190 ft. below land surface Date 9/16/82
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 273 ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 35 gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

RECEIVED
JUN - 8 1983
DEPT. OF WATER RESOURCES

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME O'DAY DRILLING CO., INC (Type or Print) Water Well Driller's License No. 786

ADDRESS P. O. Box 162 (Street or RFD) Pearland, (City) Tx. (State) 77581 (Zip)

(Signed) Arlen O'Day (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 65-13-9G
Located on map YES C.F.S.

TDWR-0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY

(66)

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-60
Located on map
Received: 79

1) OWNER:
Person having well drilled Sparkle Ice (Name) Address 1501 W. Webster (Street or RFD) Houston (City) 24 (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris, 10,000 N. Shepherd miles in N (N.E., S.W., etc.) direction from Houston (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

#66

Map on 65-16-45 North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic Industrial ✓ Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6½ in. Depth drilled 400 ft. Depth of completed well 425 ft. Date drilled 5/15/78

All measurements made from 4' ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0-	4	Top soil
4-	400	Unconsolidated sand & gravel
400-	425	Sand

9) Casing:
Type: Old New ✓ Steel ✓ Plastic Other
Cemented from 350 ft. to 400 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0-	400	Sch 40

10) SCREEN:
Type W/W
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2"	405	425	.014 & .016

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 233 ft. below land surface Date 5/15/78
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 294' ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No.
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy C. Bussell (Type or Print) Water Well Drillers Registration No. 707

ADDRESS 9735 N. Houston-Rosslyn (Street or RFD) Houston (City), Texas (State)

(Signed) Tommy C. Bussell (Water Well Driller) Bussell & Son, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

STATE OF TEXAS WATER WELL REPORT

1) OWNER: DAVIS, CARL ADDRESS: 8822 STABLE CREST BLVD. CITY: HOUSTON STATE: TX ZIP: 77024-
2) LOCATION OF WELL: County: HARRIS 0 miles in SW direction from HOUSTON

LEGAL DESCRIPTION:
Section No.: F-8 Block No.: SW Township: HOUSTON
Abstract No.: STABLECHAS Survey Name:
Distance and direction from two intersecting section or survey lines: MEMORIAL & STABLE CHASE

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: DOMESTIC 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 14549 DIAMETER OF HOLE 7) BOREHOLE METHOD:

DIAMETER	FROM	TO
6.5	0	318

STRAIGHT WALL
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 08/25/93

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	TOP SOIL
3	22	CLAY
22	53	SAND
53	72	CLAY
72	109	SAND
109	162	CLAY
162	183	SAND
183	188	CLAY
188	205	SAND
205	258	CLAY
258	318	SAND

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
4	N	PVC CASING	0	290	NW
2.5	N	PVC LINER	280	290	80
2.5	N	SUPERFLO SCREEN	290	318	12

9) CEMENTING DATA:
Cemented from 290 FT. TO 0 FT.
FT. TO FT.
Method used: PRESSURE
Cemented by: ODCI

10) SURFACE COMPLETION:
SLAB BY OWNER

11) WATER LEVEL:
STATIC LEVEL : 215 FT. DATE: 08/25/93
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
B P VALVE	280

H-4

RECEIVED
JAN 14 1994
TEXAS WATER COMMISSION

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 273

14) WELL TEST:
JETTED
YIELD: 15 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: N/A DEPTH OF STRATA: 60 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877
ADDRESS: P. O. BOX 162 CITY: PEARLAND STATE: TX ZIP CODE: 77588

FOR TDWR USE ONLY 65-21-8
WELL NO. H-4
LOCATED ON MAP 65-13-8

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL

(signed) Michael O'Day (LICENSED WATER WELL DRILLER) (signed) Angel Bautista (REGISTERED DRILLER TRAINEE)

4820107605

Send original copy by certified return receipt requested mail to. TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: *Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER Mr. Cizik (Name) ADDRESS 3914 Ardale (Street or RFD) Houston (City) TX (State) 77063 (Zip)

2) ADDRESS OF WELL'S LOCATION: County Harris 8839 Harness Creek Way Hstn Tx (Street, RFD or other) (City) (State) (Zip) Long. ____ Lat. ____ Grid # 65-13-7

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

(4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5)

6) WELL LOG:
Date Drilling:
Started 7/7 1999
Completed 7/13 1999

DIAMETER OF HOLE

Dia (in)	From (ft.)	To (ft.)
7 7/8	Surface	415
4 3/4	415	435

7) DRILLING METHOD (Check): ☐ Driven ☐ Air Rotary ☑ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other ____

X

N

From (ft.)	To (ft.)	Description and color of formation material
0	18	Top Soil + Clay
18	51	Surface Sand
51	79	Clay
79	115	Sand
115	158	Clay
158	178	Sand
178	185	Clay
185	200	Sand
200	241	Clay
241	335	Sand
335	368	Clay
368	435	Sand

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other ____
If Gravel Packed give interval from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg, if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5	N	SDR17 PVC	0	415	
3	N	Galvanized	410	415	
3	N	PVC Screen	415	425	.010
3	N	PVC Screen	425	435	012

9) CEMENTING DATA
Cemented from 0 ft. to 15 ft. No. of sacks used 8
365 ft. to 415 ft. No. of sacks used 4
Method used Halliburton / Trimmie
Cemented by Aqua Source / B+S Inc
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance ____

13) ☐ Well plugged within 48 hours

Casing left in well: From (ft)	Casing left in well: To (ft)	Cement/bentonite placed in well: From (ft)	Cement/bentonite placed in well: To (ft)	Sacks used.

14) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other ____
Depth to pump bowls, cylinder, jet, etc., ____ ft.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed
☑ Specified Steel Sleeve Installed
☑ Pitless Adapter Used
☐ Approved Alternative Procedure Used

15) WELL TESTS:
Type test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 100 gpm with ____ ft. drawdown after ____ hrs.

11) WATER LEVEL:
Static level 215 ft. below land surface Date 7/13/99
Artesian flow ____ gpm. Date ____

16) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? ☐ Yes ☑ No

12) PACKERS:

Type	Depth
K-Packer	410

I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Aqua Source / B+S Inc (Type or print) WELL DRILLER'S LICENSE NO. 2035

ADDRESS P O Box 874 (Street or RFD) Tomball (City) TX (State) 77377-0874 (Zip)

(Signed) Billy Burnett (Licensed Well Driller) (Signed) David Young (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDLR FORM 001WWD (4/98) White - TDLR Yellow - DRILLER Pink - WELL OWNER

4820123604

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512) 463-7880 FAX (512) 463-8616
Toll free (800) 803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Lester Smith	8843 Harness Creek Lane	Houston	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Harris	8843 Harness Creek Lane	Houston	TX	

Lat. | Long. | Grid # 60-29-1

3) Type of Work
☒ New Well ☐ Deepening ☐ Reconditioning

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☒ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 2/27/01
Completed 2/27/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
6.75	-1.5	742

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft)	To (ft)	Description and color of formation material
0	3	Bit Soil
3	42	Red Clay
42	60	Sand
60	95	White Clay
95	135	Blue Clay
135	185	White Clay
185	243	Blue Clay
243	315	Sandstone
315	318	Limestone
318	430	SandStone w/ ls.st.
430	470	Bl mlly cl.
470	484	Sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☒ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☐ Other
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen

9) Cementing Data
Cementing from ft. to ft. # of sacks used
ft. to ft. # of sacks used
Method Used
Cementing By
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged ☒ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used
742	690			10 Cement
690	20			43 Bentonite
20	0			4 Cement

10) Surface Completion
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate any strata which contain undesirable constituents?
☐ Yes ☐ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER?
Type of water Depth of Strata
Was a chemical analysis made? ☐ Yes ☐ No

12) Packers Type Depth

Company or Individual's Name (type or print) **Holly Water Wells, Inc.** Lic. No. **54557W**

Address **2928 SH 19** City **Huntsville** State **TX** Zip **77320**

Signature / / Signature / /
Licensed Driller/Pump Installer Date Apprentice Date

4820125456

IMPORTANT NOTICE FOR PERSONS
HAVING WELLS DRILLED CONCERNING
CONFIDENTIALITY

Section 32.005 of the Texas Water Code, concerning confidential information in the Reporting of Well Logs, reads as follows:

> "Every licensed driller drilling, deepening, or otherwise altering a water well within this State shall make and keep a legible and accurate well log in accordance with department rule on forms prescribed by the department. Not later than the 60th day after the completion or cessation of drilling, deepening, or otherwise altering the well, the licensed driller shall deliver or transmit by certified mail a copy of the well log to the department and to the owner of the well or the person for whom the well was drilled. Each copy of a well log, other than a department copy, must include the name, mailing address, and telephone number of the department. The well log shall be recorded at the time of drilling, and must show the depth, thickness, and character of the strata penetrated, the location of water-bearing strata, the depth, size, and character of casing installed, and any other information required by department rule. The department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner or person for whom the well was drilled.

The last sentence specifies the means whereby you may, if you wish, assure that logs of your wells will be kept confidential.

From (ft.)	To (ft.)	Description and color of formation material
484	**502**	**Hard Sandstone**
502	**570**	**Bl. Shale**
570	**606**	**Hard Sandstone**
606	**695**	**Bl. Shale**
695	**742**	**Sand**

ATTENTION OWNER: Confidentiality
Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: UGO DI PORTANOVA ESTATE ADDRESS: 1000 LOUISIANA, STE. 3600 CITY: HOUSTON STATE: TX ZIP: 77002-

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-13-07
Street or RFD: 120 CARNARVON REF: MR ALBERTO LAMATA
City, State, Zip code: HOUSTON , TX 77024-

5)

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: DOMESTIC
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 00536

DATE DRILLING:
STARTED: 10/29/01
COMPLETED: 11/14/01

DIAMETER OF HOLE

DIAMETER	FROM	TO
7.75	-0-	383
4.75	383	429

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: TWO-STRING
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

N^

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	PVC WELL CASING	+2	383	SDR-17
2.5	N	PVC BLANK PIPE	378	408	SCH 80
2.5	N	STAINLESS ROD BASE	408	428	8 GA
2.5	N	NIP W/BACKWASH VALVE	428	429	SCH 80

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	40	BLACK TOPSOIL, WHITE CLAY SAND ROCK
40	80	SANDY CLAY RED CLAY GRAY CLAY
80	120	SAND GRAY CLAY RED CLAY
120	154	RED CLAY
154	180	SAND GRAY CLAY ROCK
180	220	SAND CLAY BREAK, SAND, SAND
220	240	CLAY SAND CLAY
240	260	SAND ROCK SAND
260	300	SAND SAND SAND
300	338	SAND ROCK ROCK SAND SAND
338	365	ROCK RED & WHITE CLAY CLAY
365	429	SAND SAND SAND

9) CEMENTING DATA:
Cemented from No. of Sacks Used
383 FT. TO -0- FT. 20
1 FT. TO 20 FT. 7
Method used: HALLIBURTON METHOD
Cemented by: GDI FULLY PRESSURED
Distance to septic field lines: N/A ft.
Method of verification of above distance:
NONE INSTALLED

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : FT. DATE:
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
FORMATIOM PACKER	20
BP-SEAL	378

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP:

14) WELL TEST:
JETTED
YIELD: 80 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 20 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: GEOPHYSICAL DRILLING,INC. WATER WELL DRILLER'S LICENSE NO.: 2888 WI
ADDRESS: P.O. BOX 664 CITY: FULSHEAR STATE: TX ZIP CODE: 77441

FOR TWC USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Greg D. Hill (LICENSED WATER WELL DRILLER)

(signed) Travis [illegible] (REGISTERED DRILLER TRAINEE)

RECEIVED
DEC 21 2001
RECEIPT DISTRICT

4820127052

STATE OF TEXAS WELL REPORT for Tracking #173010

Owner:	**Lester Smith**	Owner Well #:	**Well Log 02761**
Address:	**8843 Harness Creek Houston, TX**	Grid #:	**65-13-7**
Well Location:	**8843 Harness Creek Houston, TX**	Latitude:	**29° 46' 08" N**
		Longitude:	**095° 27' 49" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/6/2004** Drilling End Date: **10/11/2004**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.75**	**0**	**370**
	4.875	**370**	**391**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Two String / K-Packer**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**370**	**101**

Seal Method: **Pressure - Halliburton**

Sealed By: **AWWS**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **na**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **City Sewer**

Surface Completion: **Pitless Adapter Used**

Water Level: **197 ft.** below land surface on **2004-10-08** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **Submersible** Pump Depth (ft.): **274**

Well Tests: **Jetted** **Yield: 100 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**391**	**Good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Almeda Water Well Service**

P.O. Box 266
Manvel, TX 77578

Driller Name: **Carl Loftin** License Number: **2350**

Comments: **$mew**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**Fill Soil**
3	**22**	**Clay-Tan**
22	**30**	**Sand-Tan-Fine**
30	**150**	**Clay-Red Clay/Sand Streaks**
150	**182**	**Sand-Tan-.006-.008**
182	**190**	**Clay-Red**
190	**202**	**Sand-Tan-.006-.008 Sand-Tan-.010-.012**
202	**240**	**Clay-Gray**
240	**302**	**Sand-Tan-.006-.008 Sand-Tan-.010-.012**
302	**314**	**Broken Sand & Clay**
314	**337**	**Sand-Tan-.006-.008 Sand-Tan-.010-.012**
337	**369**	**Clay-Red Clay-Blue**
369	**391**	**Sand-White-.010-.012**
391	**392**	**Clay-Red**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5	**New**	**PVC SDR 17**	**0 - 370 Casing**
3	**New**	**PVC SCH 40**	**361 - 371 Liner**
3	**New**	**Johnson Super Flow**	**371 - 391 .010**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

65.13.8E

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

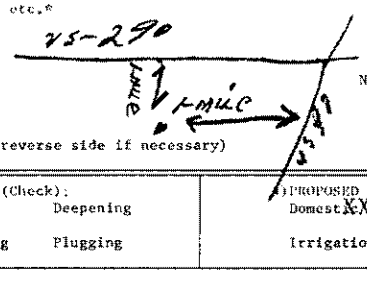
For TWDB use only
Well No.
Located on map
Received:

1) OWNER:
Person having well drilled JARDA CERNY (Name) Address 1521 WOODVINE HOUSTON TEXAS (Street or RFD) 77055 (City) (State)

Landowner (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS, S miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiwy number, etc.*



(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor League
Block Survey
Abstract No.
(NW¼ NE¼ SW¼ SE¼) of Section

3) TYPE OF WORK (Check): New Well X, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check): Domestic X, Industrial, Municipal, Irrigation, Test Well, Other

5) TYPE OF WELL (Check): Rotary X, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 3 7/8 in. Depth drilled 53 ft. Depth of completed well 50 ft. Date drilled 3/27/72

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	Top soil
2	20	Gray clay
20	53	Brown sand

(Use reverse side if necessary)

9) Casing:
Type: Old, New X, Steel, Plastic X, Other
Cemented from ft. to ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
3	0	42	Sch. 40

10) SCREEN:
Type Plastic
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
3	42	50	8

7) COMPLETION (Check): Straight wall X, Gravel packed, Other, Under reamed, Open Hole

8) WATER LEVEL:
Static level 21 ft. below land surface Date 3/27/72
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., 30 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No X If yes, by whom?
Yield: gpm with ft. drawdown after hrs.
Bailer test gpm with ft. drawdown after hrs.
Artesian flow gpm
Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes No X
Did any strata contain undesirable water? Yes No
Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B. LUMPKIN, JR. (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 7507 JANAK DRIVE (Street or RFD) HOUSTON (City) TEXAS (State)

(Signed) John B. Lumpkin Jr (Water Well Driller) LONG POINT WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

4820107588

(44)

65-13-6E

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-6E
Located on map
Received: 78

1) OWNER:
Person having well drilled CORROSION PROTECTION (Name) Address 340 W. 26th (Street or RFD) HOUSTON (City) TX. (State) 77008

Landowner SAME (Name) Address SAME (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS 340 W. 26th ST. 8 miles in N.W. (N.E., S.W., etc.) direction from Hou. (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

340 W. 26th ST

North

OVCR

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic Industrial ✓ Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6½ in. Depth drilled 295 ft. Depth of completed well 337 ft. Date drilled 12-4-76

All measurements made from 4' ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	22	Topsoil & Clay
22	43	Clay
43	85	Clay & Sand
85	106	Clay & Sandy Clay
106	127	Sandy Clay & Sand
127	211	Unconsolidated Sand & Clay
211	232	Sandy Clay
232	274	Unconsolidated Sand & Clay
274	316	Sand
316	337	Sand & Clay

(Use reverse side if necessary)

9) Casing:
Type: Old New ✓ Steel Plastic ✓ Other
Cemented from 245 ft. to 295 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	295	SCL 40

10) SCREEN:
Type WW
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2"	296	316	16/20

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 159 ft. below land surface Date 12-5-76
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 190 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Vernon E. Dixon (Type or Print) Water Well Drillers Registration No. 1689

ADDRESS 9739 N. Hou. Rosslyn (Street or RFD) Houston (City) Texas (State)

(Signed) Vernon E. Dixon (Water Well Driller) Russell & Son Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

Additional instructions on reverse side.

4820111059

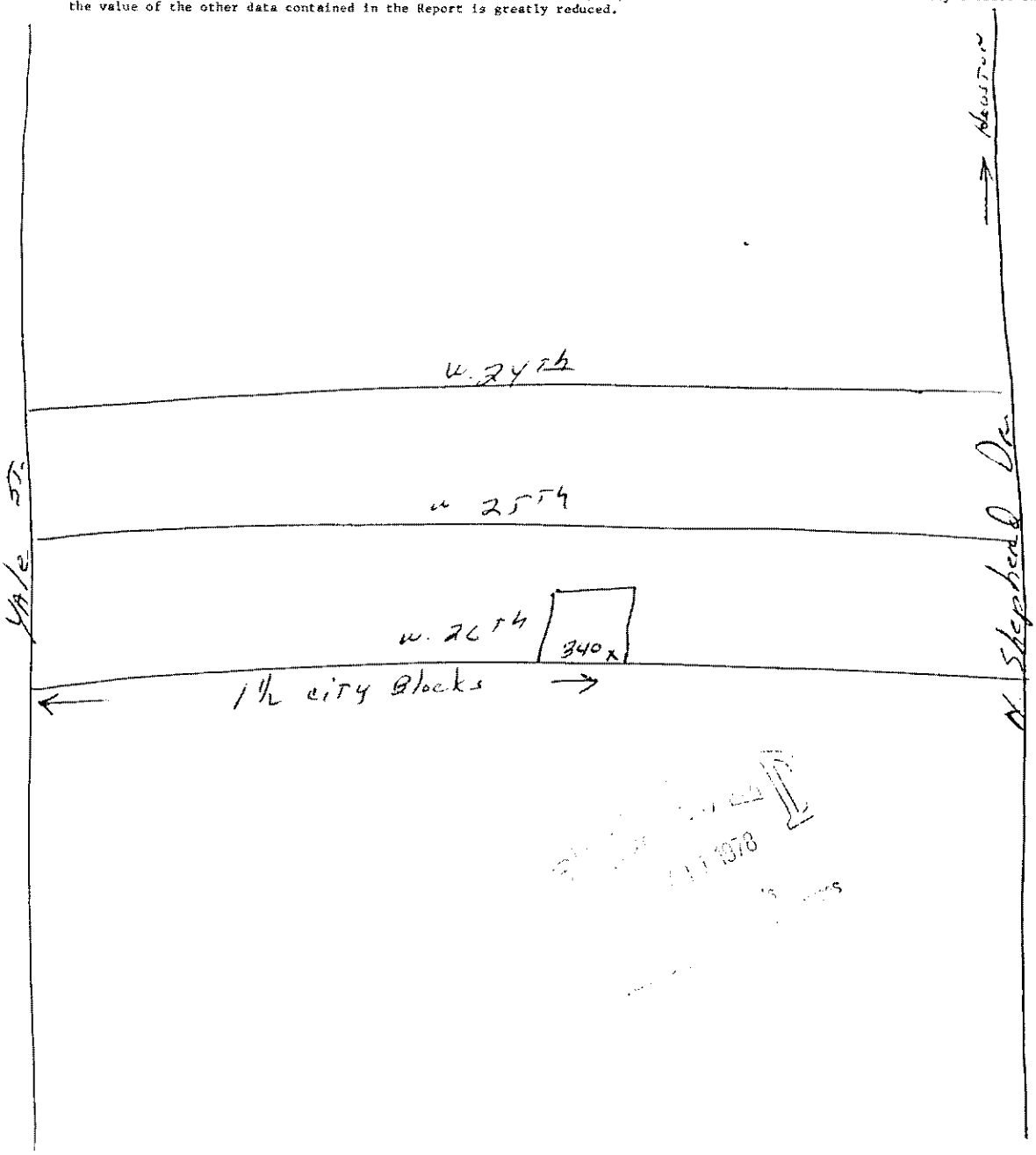
2)LOCATION OF WELL:

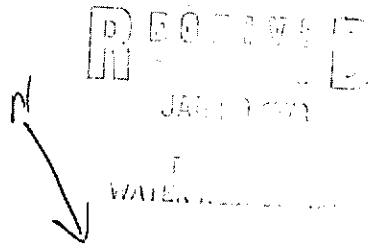
The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area, e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.





65-13-3C GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711	State of Texas WATER WELL REPORT	For TWDB use only Well No. 65-13-3C Located on map Yes Received: 69 Form GW 8 Form GW 9

1) OWNER:
Person having well drilled National Forge Co., (Name) Address 330 W 25th St. (Street or RFD) Houston, (City) Texas (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris Labor _____ League _____ Abstract No. _____

NW¼ NE¼ SW¼ SE¼ of Section _____ Block No. _____ Survey _____
(Circle as many as are known)

miles in _____ (NE., SW., etc.) direction from _____ (Town).

NORTH

½ mile southeast of North Loop and Shepherd

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☒ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☐ Industrial ☒ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check):
Rotary ☒ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 9(5/8"x 5 7/8" in. Depth drilled 410' ft. Depth of completed well 410 ft. Date drilled I-15-69

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	From (ft.)	To (ft.)	Description and color of formation material
0	18'	Surface	194	216	Clay blue
18	39	Sand	216	240	Brackish sand
39	190	Clay	240	330	Clay & shale
190	194	Fine sand	330	360	Sand
			360	380	Clay
			380	410	Sand
					(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall ☐ Gravel packed ☐ Other ☒
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level 168 ft. below land surface Date I-8-69
Artesian pressure ____ lbs. per square inch Date _____

9) CASING:
Type: old ☐ New ☒ Steel ☐ Plastic ☐ Other ☐
Cemented from Surface ft. to 225 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
6"	225'		

10) SCREEN:
Type Stainless steel wire
Perforated ☐ Slotted ☐

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size
4"	225	410	

11) WELL TESTS:
Was a pump test made? ☒ Yes ☐ No If yes by whom?
W. H. Talley
Yield: 170 gpm with 20 ft. drawdown after 3 hrs
Bailer test ____ gpm with ____ ft. drawdown after ____ hrs
Artesian flow ____ gpm Date _____
Temperature of water _____
Was a chemical analysis made? ☐ Yes ☐ No
Did any strata contain undesirable water? ☐ Yes ☐ No
Type of water? _____ depth of strata _____

12) PUMP DATA:
Manufacturer's Name Ruth Berry
Type Submergible H.P. 20
Designed pumping rate 175 gpm ☐ gph ☐
Type power unit 440
Depth to bowls, cylinder, jet, etc., 210 ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME W. H. Talley (Type or Print) Water Well Drillers Registration No. 978

Address 4631 Allum Road (Street or RFD) Houston (City) Texas (State)

(Signed) W. H. Talley (Water Well Driller) American Drilling Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-605

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by CREE (McAdoo) NAR (1941) (1939) Source of data File Date 2-16-68 Map Houston Heights 1955 1:24000

State Texas [48] County (or town) Harris [LJ]

Latitude: 29 48 36 N S (deg 7 min 9 sec 11) Longitude: 095 24 19 (12 degrees 15 min sec 18) Sequential number: [1]

Lat-long accuracy: [1] T. ___ N S, R ___ W E, Sec ___, ___ k, ___ k, ___ k

Local well number: LJ-65-13-605 Other number: B & M #6 1410

Local use: Owner or name: City of Houston

Owner or name: CITY OF HOUSTON Address: Heights Plant.

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [M]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mnd, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other abd. 1974 [P]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [W]

DATA AVAILABLE: Well data [6] Freq. W/L meas.: Annual 1938 [A] Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 5-8-39 [0] Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: E log T-12 D-LOG [E D]

WELL-DESCRIPTION CARD

[SAME AS ON MASTER CARD] Depth well: 1232 ft [1232] Meas. dpt. Driller accuracy [3]

Depth cased: (first perf.) 581 ft [581] Casing type: S; Diam. 25-13 in [25]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other [G]

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other [H]

Date Drilled: 1936 [936] Pump intake setting: ft

Driller: Layne Texas Co. (name), Houston, Texas (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (R) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other [T] Shallow [D]

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 150 [W] Trans. or meter no.

Descrip. MP ___ ft above below LSD. Alt. MP

Alt. LSD: 68 [68] Accuracy: (source) Topo 5' [3]

Water Level 67.0 ft above below MP; Ft above below LSD [67] Accuracy: driller [D]

Date meas: Oct. 27, 1936 [Ø36] Yield: 2595 gpm [2595] Method determined

Drawdown: 68 ft [68] Accuracy: rept. [3] Pumping period hrs

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard. ppm

Sp. Conduct $K \times 10^6$ Temp. °F Date sampled

Taste, color, etc.

Well No. LJ-65-13-605

PL 134.75 / 67.0 / 67.75

Well No. LJ-65-13-605

Latitude-longitude 29, 48, 36 (N) S 095, 24, 19.1
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: Coastal Plain (20–21) 03 Section: _____

F (22) Drainage Basin: _____ (23–25) 51P Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (T) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series (28–29) T _____ aquifer, formation, group (30–31) E

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: 326 ft (38–40) 326 Depth to top of: _____ ft (41–43)

MINOR AQUIFER: _____ system, _____ series (44–45) _____ aquifer, formation, group (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: * 581–1226.

Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

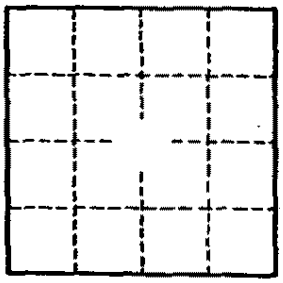
Coefficient Trans: ✓ _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: ✓ _____ gpd/ft^2; Spec cap: ✓ _____ gpm/ft; Number of geologic cards: _____ (79)

* Screen
581-616 35
660-695 35
766-817 51
866-887 21
977-1029 52
1062-1151 89
1183-1226 43

Production 1941
4.0 MGD.

456' of 25" csg
776' of 13" csg



Well No. LJ-65-13-605

GPO 857-700

County Harris Lat. 29°48'36" Long. 95°24'19"

Date Oct. 11, 1939 Well No. LJ-65-13-605

Aquifer Gulf Coast sands Pre-Test Water Level

Discharge 1,700 Specific Capacity

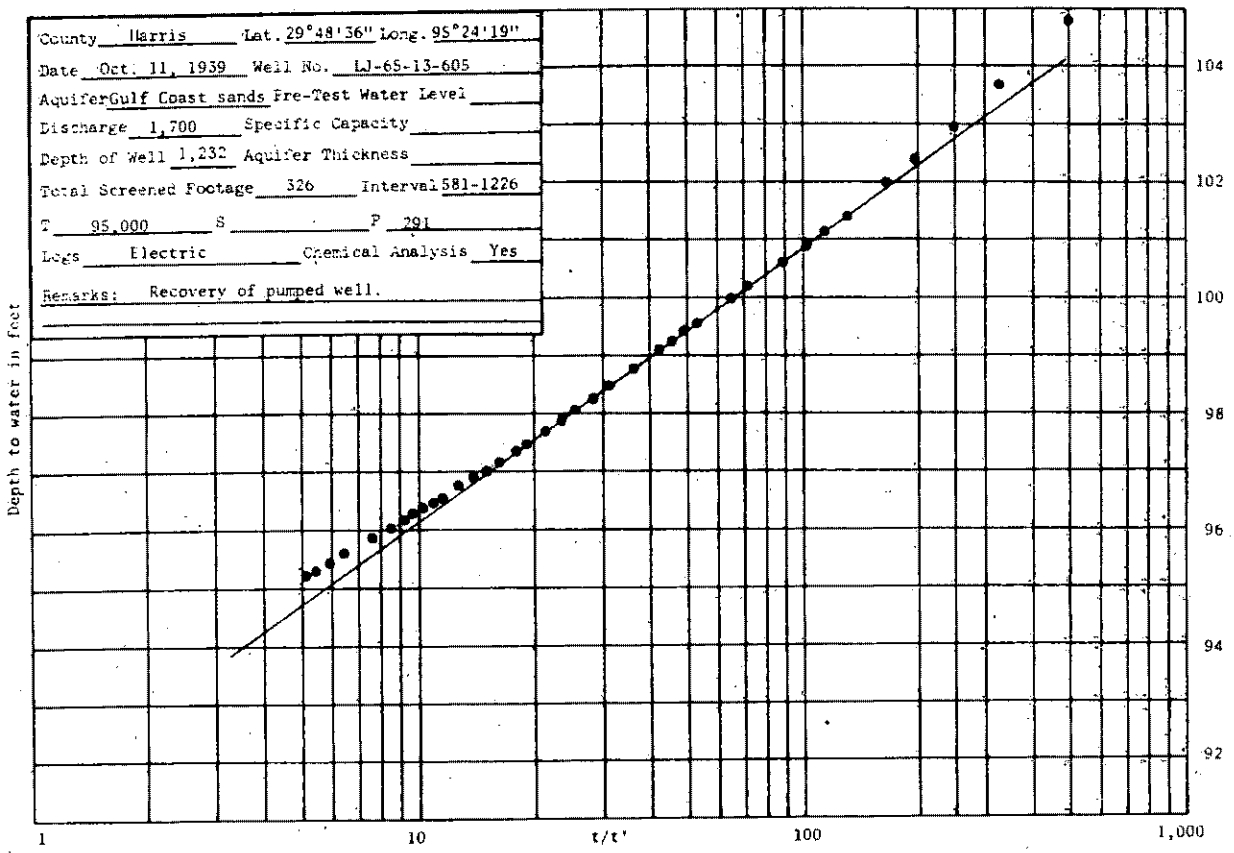
Depth of Well 1,232 Aquifer Thickness

Total Screened Footage 326 Interval 581-1226

T 95,000 S P 291

Logs Electric Chemical Analysis Yes

Remarks: Recovery of pumped well.



TEXAS DEPARTMENT OF WATER RESOURCES

WELL SCHEDULE

Aquifer(s) Evangeline Project No. _____ State Well No. 65-13-626

Field No./Owner's Well No. 6A County HARRIS

1. Location: ___ ¼, ___ ¼, Section ___, Block ___, Survey _____, Lat. _____, Long. _____

2. Owner: City of Houston Address: _____

Tenant (other): Heights Address: _____

Driller: Layne Western Address: _____

3. Land Surface Elevation: 68 ft. above msl determined by _____

4. Drilled: 4 19 82; Dug, Cable Tool (Rotary) Air, _____

5. Depth: Rept. 1455 ft. Meas. _____ ft.

6. Borehole Completion: Open Hole, Straight Wall, Underreamed, (Gravel Packed)

7. Pump: Mfr. _____ Type T

No. Stages _____, Bowls Diam. ___ in., Setting 580 ft.

Column Diam. _____ in., Length Tailpipe _____ ft.

8. Motor: Mfr. _____ Fuel E HP. _____

9. Yield: Flow _____ gpm, Pump _____ gpm, Meas., Rept., Est. _____ Date _____

10. Performance Test: Date 6/82 Length of Test 2 days Made by L-W

Static Level 400 ft. Pumping Level 456 ft. Drawdown _____ ft.

Production 2000 gpm Specific Capacity _____ gpm/ft.

11. Quality: (Remarks on taste, odor, color, etc.) _____

Analyses

Date _____ Laboratory _____ TDS ___ Sp Cond _____

Date _____ Laboratory _____ TDS ___ Sp Cond _____

12. Other data available (as circled): Pumping Test, Power & Yield Test, (Drillers Log)

Formation Samples, Geophysical Log(s) _____ (type)

13. Water Level(s): 391.00 ft. ~~rept.~~ meas. 1/10 19 83 above/below _____ which is ___ ft. above/below Land Surface

_____ ft. rept. meas. _____ 19 ___ above/below _____ which is ___ ft. above/below Land Surface

14. Use: Dom., Stock, Public Supply, Ind., Irr., Observation, Other (Test Hole, Oil Test, etc.) _____

15. Recorded by: _____ Source of data: _____ Date: _____

16. Remarks: _____

17. Location or Sketch:

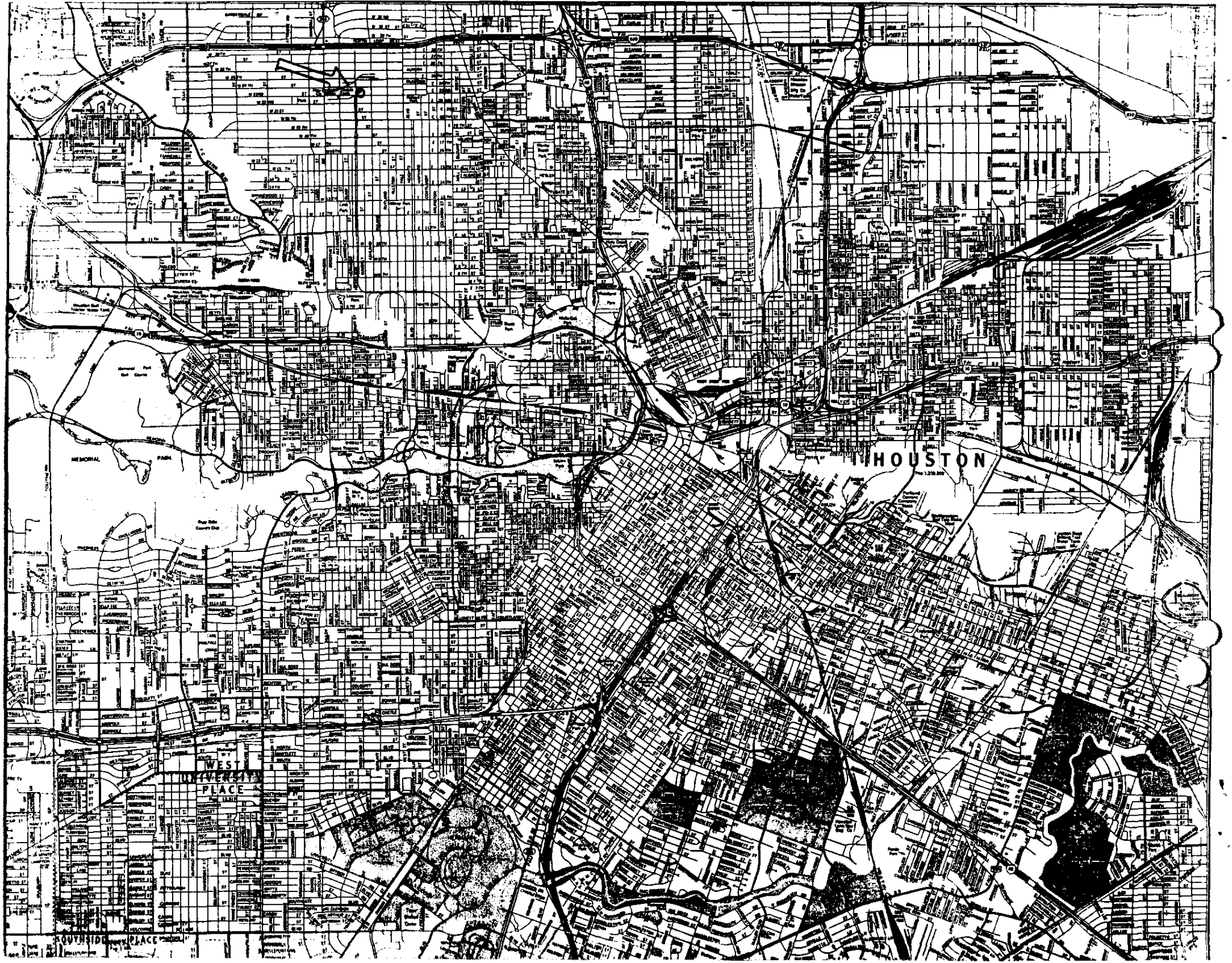
CASING, BLANK PIPE & WELL SCREEN
Cemented From 0 ft. to 665 ft.

Diam. (in.)	Type	Setting (feet) from	to
24	Steel	0	655
18	Steel	555	665
18	Screen	665	~~1440~~ 818
14	steel	818	860
14	screen	860	1440
14	steel	1440	1455

TDWR-0308

W/L Obs. Well ✓ W/Q Obs. Well ___

State Well No. 65-13-626


HOUSTON
WEST UNIVERSITY PLACE
SOUTHSIDE PLACE
MEMORIAL PARK

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-13-605
Located on map MES
Received: C.F.S.

1) OWNER City of Houston (Name) Address P. O. Box 1562 (Street or RFD) Houston (City) Texas (State) 77001 (Zip)

2) LOCATION OF WELL:
County Harris 4 miles in N.N.W. (N.E., S.W., etc.) direction from City Hall (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines
50' N. of Heights No. 6, Well No. 65-13-605
☒ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☐ Industrial ☒ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 4-82

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
0	Surface	2000
30	0	655
34	655	1455

From (ft.)	To (ft.)	Description and color of formation material
		Heights Well No. 6A
		See Attached

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☒ Underreamed
☒ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 655 ft. to 1455 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
24	N	Steel	0	655	.500
18	N	Steel	555	838	.375
14	N	Steel	838	1455	.375
18	N	SSWW Screen H. Smith	665	818	.035
		Net length 129'			
14	N	SSWW Screen H. Smith	860	1440	.035
		Net length 290'			

CEMENTING DATA
Cemented from 0 ft. to 655 ft.
Method used Thru drill pipe
Cemented by Halliburton (Company or Individual)

RECEIVED
JUN 28 1982
DEPT. OF WATER RESOURCES

9) WATER LEVEL:
Static level 400 ft. below land surface Date 6-82
Artesian flow none gpm. Date _____

10) PACKERS: Type Depth
None

(Use reverse side if necessary)

11) TYPE PUMP:
☒ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 580 ft.

12) WELL TESTS:
☐ Type Test: ☒ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 2,000 gpm with 456 ft. drawdown after 48 hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☒ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME James O'Connor (Type or Print) Water Well Drillers Registration No. 999

ADDRESS 5931 Brittmoore Road (Street or RFD) Houston (City) Texas (State) 77041 (Zip)

(Signed) James O'Connor (Water Well Driller) Layne-Western Company, Inc. (Company Name)

Attach electric log, chemical analysis, and other pertinent information, if available.

DEPARTMENT OF WATER RESOURCES COPY

65-13-626

Layne-Western Company, Inc. A Marley Company

P.O. Box 79009 • Houston, Texas 77279 • 713/466-5001

DRILLER'S LOG

Job M-1291
Layne-Western Company, Inc.
March 1982

Well Number - Heights 6A
City of Houston

0 - 33 - Sand and Clay
33 - Clay
50 - Sand
57 - Clay
71 - Sand
74 - Clay and Sand St.
82 - Sand
86 - Clay and Sand St.
104 - Clay
120 - Sand and Clay St.
124 - Clay
132 - Sand
170 - Clay
229 - Sand
238 - Clay
241 - Sand
257 - Clay
281 - Sand
322 - Clay
348 - Clay
365 - Sand and Clay
380 - Clay
395 - Sand
398 - Clay
440 - Sand
448 - Clay and Sand Strks.
450 - Clay
498 - Clay and Sand Strks.
505 - Clay
520 - Sand and Clay
540 - Clay
550 - Clay Sand Strks.
560 - Clay
600 - Sand
610 - Clay and Sand Stk.
621 - Clay
665 - Sand
695 - Sand and Clay
738 - Clay
775 - Sand
813 - Clay
830 - Clay and Sand Stks.
860 - Sand and Clay Stks.
880 - Clay
940 - Sand and Clay Stks.
1027 - Clay
1032 - Sand and Clay Stks.
1041 - Clay
1066 - Sand and Clay Stks.
1085 - Sandy Clay
1120 - Clay
1130 - Sand and Clay Stks.
1161 - Clay
1180 - Sand and Clay with St. Hard St
1200 - Clay and Sand Strk.
1230 - Sand Clay Strks.
1250 - Clay
1343 - Sand and Clay Stk.
1354 - Clay
1415 - Sand
1432 - Clay
1682 - Sand and Clay Stk.
1715 - Clay
1752 - Sand and Clay Stks.
1763 - Clay and Sand Stk.
1787 - Clay
2000 - Clay - T.D.

Dup

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

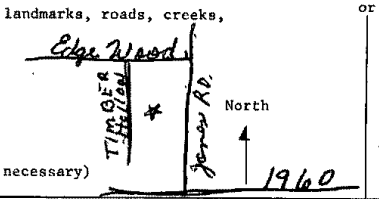
WATER WELL REPORT

For TWDB use only
Well No. 65-04-4F
Located on map yes
Received: 77

1) OWNER:
Person having well drilled R. J. Lemon (Name) Address 1120 1/2 Rutland Hou. Tex 77008 (Street or RFD) (City) (State)
Landowner R. J. Lemon (Name) Address 1120 1/2 Rutland Hou. Tex 77008 (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris, 20 miles in N (N.E., S.W., etc.) direction from Houston (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*



(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well ✓ Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): Rotary ✓ Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole _____ in. Depth drilled _____ ft. Depth of completed well _____ ft. Date drilled July 25
All measurements made from _____ ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	4	Top soil
4	18	Gray Clay
18	40	Red Clay
40	80	Gray Clay
80	90	Fine Red Sand
90	100	Gray Clay
100	102	Rock
102	135	Gray Clay
135	148	Coarse White Sand
148	155	Gray Clay
155	194	Coarse Sand & gravel
194	220	Gray Clay
220	240	Brown Sand

(Use reverse side if necessary)

9) Casing:
Type: Old New ✓ Steel Plastic ✓ Other
Cemented from 0 ft. to 230 ft.
Diameter (inches) 4" Setting From (ft.) 0 To (ft.) 230 Gage SK 40

10) SCREEN:
Type Plastic
Perforated Slotted ✓
Diameter (inches) 2½ Setting From (ft.) 230 To (ft.) 240 Slot Size 12

7) COMPLETION (Check):
Straight wall Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 87 ft. below land surface Date July 25
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 140 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes ✓ No If yes, by whom?
Yield: 960 gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No ✓
Type of water? Fresh depth of strata 40 ft.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Loyd T. Damrell (Type or Print) Water Well Drillers Registration No. 884
ADDRESS 5717 Chippewa (Street or RFD) Houston (City) Texas (State)
(Signed) Loyd T. Damrell (Water Well Driller) Damrell & Potter Drilling Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

65-13-9E GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-9E
Located on map yes
Received: 69
Form GW 8
Form GW 9

1) OWNER:
Person having well drilled C. O. Wiley (Name) Address 800 Curtin (Street or RFD) Houston (City) (State)
Landowner C. O. Wiley (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris Labor ____ League ____ Abstract No. ____
NW¼ NE¼ SW¼ SE¼ of Section ____ Block No. ____ Survey ____
(Circle as many as are known)
miles in ____ (NE., SW., etc.) direction from ____ (Town).

800 Fisher Houston

NORTH

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☒ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☒

5) TYPE OF WELL (Check):
Rotary ☒ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 4 in. Depth drilled 254 ft. Depth of completed well 254 ft. Date drilled 2-13-69
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	From (ft.)	To (ft.)	Description and color of formation material
0	36	Red clay	177	236	White & Blue Clay
36	43	Red Sand	236	254	White Sand Haga
43	163	Red Clay			
163	177	White Sand & Gravel			

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall ☒ Gravel packed ☐ Other ☐
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level 17 ft. below land surface Date 2-13-69
Artesian pressure ____ lbs. per square inch Date ____

9) CASING:
Type: old ☐ New ☒ Steel ☒ Plastic ☐ Other ☐
Cemented from ____ ft. to ____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage

10) SCREEN:
Type Well Supplies Inc
Perforated ☐ Plastic Slotted ☐

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size
2½	10 ft		Haga

11) WELL TESTS:
Was a pump test made? ☐ Yes ☐ No If yes by whom?
Raymond Water Wells
Yield: 20 gpm with ____ ft. drawdown after ____ hrs
Bailer test ____ gpm with ____ ft. drawdown after ____ hrs
Artesian flow ____ gpm Date ____
Temperature of water ____
Was a chemical analysis made? ☐ Yes ☐ No
Did any strata contain undesirable water? ☐ Yes ☐ No
Type of water? ____ depth of strata ____

12) PUMP DATA:
Manufacturer's Name Reda
Type Submersible H.P. 2
Designed pumping rate 20 gpm ☒ gph ☐
Type power unit ____
Depth to bowls, cylinder, jet, etc., 210 ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME RAYMOND WATER WELLS (Type or Print) Water Well Drillers Registration No. 774
Address 132 RAYMAC HI 7-3184 HOUSTON, TEXAS 77037 (Street or RFD) (City) (State)
(Signed) C A Raymond Jr. (Water Well Driller) ____ (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

Spring
Westfield
Bammel
Humble
Moonshine Hill
Harmaston
Hullman
Aldine
Crosby
Mt. Houston
Dyersdale
Little York
Sheldon
Highlands
McNair
Jacinto City
Greens Bayou
Cloverleaf
Lynchburg
Baytown
W. University Place
HOUSTON
Galena Park
Pasadena
Bellaire
South Side Place
Deer Park
Morgans Point
South Houston
La Porte
Almeda
MONTGOMERY CO.
HARRIS CO.
LIBERTY CO.
CHAMBERS CO.

65-13-4K

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-4K
Located on map
Received: 7-7-74

1) OWNER:
Person having well drilled JOHN SPEIGHTS (Name) Address 5120 MILWEE (Street or RFD) HOUSTON (City) TEXAS (State)

Landowner ✓ (Name) ✓ Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS 11 miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well ✓ Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): Rotary ✓ Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 3 7/8 in. Depth drilled 28 ft. Depth of completed well 26 ft. Date drilled 6-22-74

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOP SOIL
2	10	GRAY CLAY
10	20	GRAY & RED CLAY MIX
20	26	RED CLAY
26	28	SAND & SHALE

(Use reverse side if necessary)

9) Casing:
Type: Old ~~New~~ Steel ~~Plastic~~ Other

Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
2	0	26	SCH 40

10) SCREEN:
Type NONE

Perforated Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2			

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 21 ft. below land surface Date 6-22-74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 23 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes ✓ ~~No~~ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes ✓
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B. LUMPKIN, JR. (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 7507 JANAK DR. (Street or RFD) HOUSTON (City) TEXAS (State)

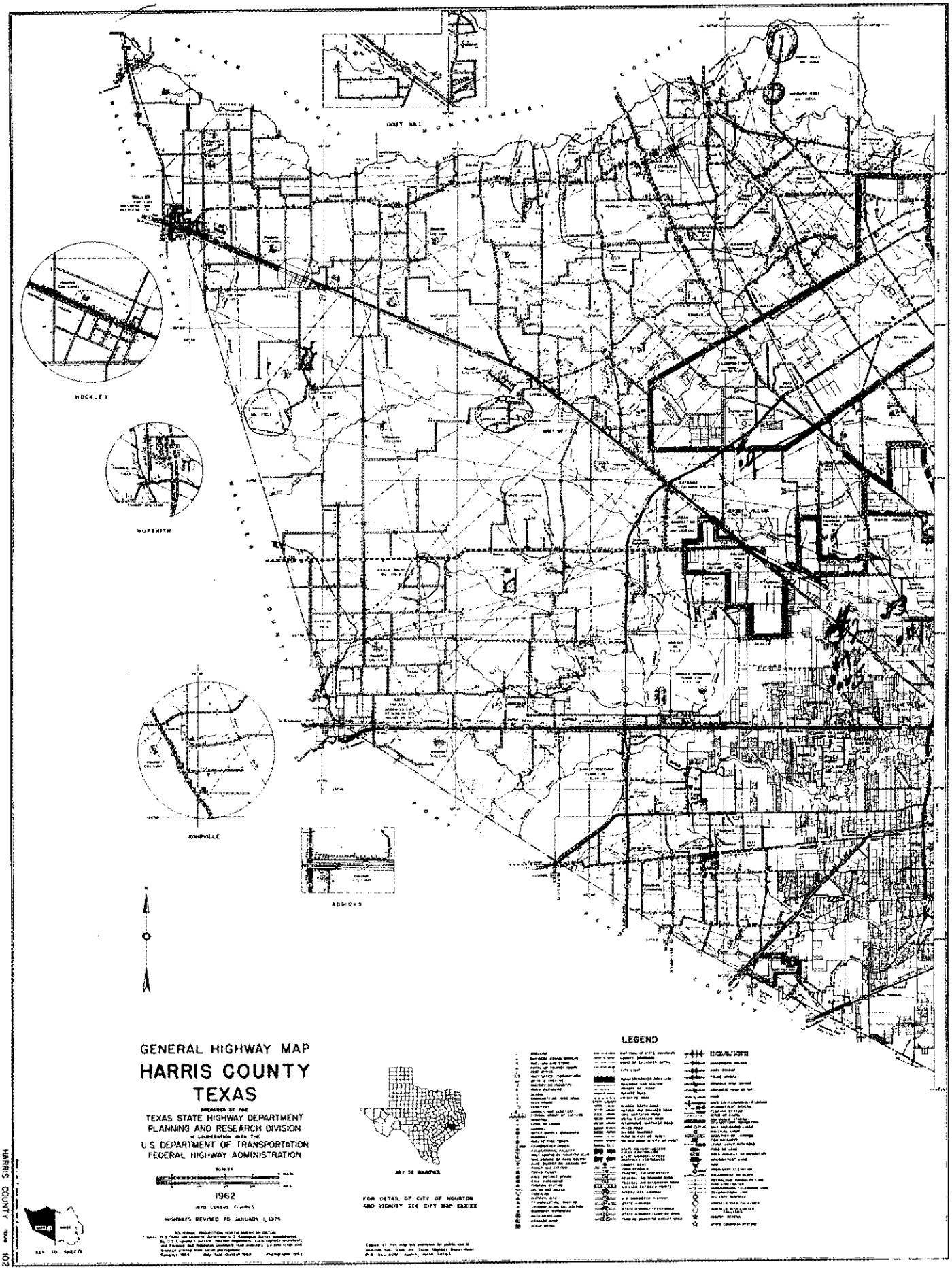
(Signed) John B Lumpkin Jr (Water Well Driller) LONG POINT WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TB6-WD-8

482011028


INSET NO 1
HOCKLEY
HUFFSMITH
KOHRVILLE
ADDICKS
GENERAL HIGHWAY MAP
HARRIS COUNTY
TEXAS
PREPARED BY THE
TEXAS STATE HIGHWAY DEPARTMENT
PLANNING AND RESEARCH DIVISION
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
SCALE
1962
HIGHWAYS REVISED TO JANUARY 1, 1974
KEY TO SHEETS
KEY TO COUNTIES
FOR DETAIL OF CITY OF HOUSTON
AND VICINITY SEE CITY MAP SERIES
LEGEND

Well Log #79

Dup

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-13-4C
Located on map 1/05
Received: C.F.B.

1) OWNER Jack Lodge (Name) Address Westview (Street or RFD) Hou. (City) Tex. (State) (Zip)

2) LOCATION OF WELL: County Harris Westview miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 6/2/80

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
	Surface	
6½"		421

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	408	Unconsolidated
408	421	Sand

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Steel	0	400	
2"	N	Rod Base	411	421	.016

CEMENTING DATA
Cemented from 0 ft. to 400 ft.
Method used Halliburton
Cemented by Bussell & Son, Inc (Company or Individual)

9) WATER LEVEL:
Static level 212 ft. below land surface Date 6/2/80
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

RECEIVED
JUN 2 1982
CR-TDWR

(Use reverse side if necessary)

11) TYPE PUMP: ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 252' ft.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

4820111370

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy C. Bussell (Type or Print) Water Well Drillers Registration No. #707

ADDRESS 9739 N. Houston-Rosslyn (Street or RFD) Houston (City) Texas (State) 77088 (Zip)

(Signed) Tommy C. Bussell (Water Well Driller) BUSSELL & SON, INC. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

Texas Water Development Board
Well Schedule

State Well Number 6513625 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294819 **Longitude** 952406 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
National Forge Co.

Driller
American Drilling

Address _____ **Tenant/Oper.** _____

Date Drilled 01/08/1969 **Depth** 410 **Source of Depth** D **Altitude** 67 **Source of Alt.** M

Well Type W **User**

WELL CONSTRUCTION

Const-Method

Casing Material

Screen Material

Completion

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to_____

LIFT DATA - **Pump Mfr. -** _____ **Type -** SUBMERSIBLE PUMP **No. Stages** _____

Bowls Diam - _____ **in.** **Setting -** _____ **ft.** **Column Diam. -** _____ **in.**

Motor Mfr. - _____ **Fuel or Power -** ELECTRIC MOTOR **Horsepower -** 20

YIELD Flow- _____ **GPM** **Pump** _____ **GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary -** INDUSTRIAL **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** N **Quality -** N **Logs -** D **Other Data -**

WATER LEVELS

Recorded By _____ **Date Record Collected or Updated -** 11/03/1998

Reporting Agency 02

REMARKS -

Aquifer - 112CHCTL **ID -** 15

CHICOT
AQUIFER,LOWER

Dup ✓ W.L. 4130

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-12-90
Located on map 4000M
Received:

1) OWNER Mr. H.O. Richey (Name) Address P.O. Box 1792 (Street or RFD) Cleveland Tx. (City) 77327 (State) (Zip)

2) LOCATION OF WELL: 819 Antoine
County Harris miles in (N.E., S.W., etc.) direction from (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. Block No. Township
Abstract No. Survey Name
Distance and direction from two intersecting section or survey lines
☐ See attached map. Map on 65-05-99AA

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other

WELL LOG:

Date drilled 8-11-83

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	381

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from ft. to ft.

From (ft.)	To (ft.)	Description and color of formation material
0	15	Top Soil & Clay
15	48	Surface Sand & Rock
48	119	Clay
119	135	Sand
135	161	Sandy Clay
161	170	Sand
170	174	Clay
174	189	Sand
189	223	Clay
223	259	Sand
259	297	Clay
297	332	Sand
332	352	Clay
352	381	Sand

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	P.V.C.	0	360	
2	N	Galvanized	355	361	
2	N	P.V.C.	361	371	.016
2	N	P.V.C.	371	381	.016

CEMENTING DATA
Cemented from 310 ft. to 360 ft.
Method used Halliburton
Cemented by BUSSELL & SON, INC. (Company or Individual)

9) WATER LEVEL:
Static level 235 ft. below land surface Date 8-12-83
Artesian flow gpm. Date

10) PACKERS: Type Depth

RECEIVED
MAR 11 1985
DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

11) TYPE PUMP: ☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Depth of strata
Was a chemical analysis made? ☐ Yes ☐ No

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME CRAIG BUSSELL (Type or Print) Water Well Drillers Registration No. 2035

ADDRESS P.O. BOX 874 (Street or RFD) TOMBALL (City) TEXAS (State) 77375 (Zip)

(Signed) Craig Bussell (Water Well Driller) BUSSELL & SON, INC. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

DWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

4820110911

STATE OF TEXAS WATER WELL REPORT

1) OWNER: MC NAIR, CARY ADDRESS: 402 WEST PRIER TUCK CITY: HOUSTON STATE: TX ZIP:
2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00767 DIAMETER OF HOLE 7) BOREHOLE METHOD:

DIAMETER	FROM	TO
8.00	0	360
4.875	360	386

TWO STRING/W-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 11/08/93

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	360		CASING
3.0	N	P.V.C. SCH.40	356	366		LINER
3.0	N	P.V.C. - SLOTTED	366	386		.012

WELL # 65-13-7

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	15	CLAY-WHITE CLAY-GRAY
15	40	SAND-RED-FINE
40	41	ROCK
41	80	CLAY-RED
80	95	SAND-TAN-.010-.012
95	155	CLAY-BROWN
155	170	SAND-TAN-.014-.020 GRAVEL
170	237	CLAY-BROWN
237	260	SAND-TAN-.014-.020
260	263	ROCK
263	300	SAND-TAN-.010-.012 SAND-TAN-.014-.020
300	340	CLAY-RED
340	341	ROCK
341	355	BROKEN SAND & CLAY

9) CEMENTING DATA:
Cemented from 1 FT. TO 360 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 233 FT. DATE: 11/09/93
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

RECEIVED
AUG 25 1994
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 336

14) WELL TEST:
JETTED
YIELD: 75 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 386 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) John A. Pflum (signed) _____
(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)

4820107570

STATE OF TEXAS WATER WELL REPORT (PAGE 2)

OWNER: MC NAIR, CARY ADDRESS: 402 WEST FRIER TUCK CITY: HOUSTON STATE: TX ZIP:

355	385	SAND-WHITE-.010-.012
385	386	ROCK

Send original copy by certified return receipt requested mail to: TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER MICHAEL TRAN (Name) ADDRESS 325 W. Friar Tuck (Street or RFD) HSTN (City) TX (State) 77024 (Zip)

2) ADDRESS OF WELL: County HARRIS 325 W. Friar Tuck HSTN TX 77024 (Street, RFD or other) (City) (State) (Zip) GRID # 65-13-7

3) TYPE OF WORK (Check): [✓] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [✓] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) N

6) WELL LOG:
Date Drilling:
Started 11-26 1996
Completed 11-27 1996

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	360
9 7/8	360	380

7) DRILLING METHOD (Check): [ ] Driven [ ] Air Rotary [✓] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

From (ft.)	To (ft.)	Description and color of formation material
0	17	TOP Soil + Clay
17	42	SURFACE SAND
42	85	Clay
85	96	SAND
96	245	Clay
245	322	SAND
322	350	Clay
350	380	SAND

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): [ ] Open Hole [✓] Straight Wall [ ] Underreamed [ ] Gravel Packed [ ] Other
If Gravel Packed give interval .. from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	PVC	0	360	
2	N	GALVANIZED	355	360	
2	N	PVC Screen	360	380	.012

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 15 ft. No. of sacks used 8
310 ft. to 360 ft. No. of sacks used 3
Method used HALLIBURTON / TRIMMIE
Cemented by BUSSELL + SON INC.
Distance to septic system field lines or other concentrated contamination ____ ft
Method of verification of above distance

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed [Rule 338.44(2)(A)]
[✓] Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
[ ] Pitless Adapter Used [Rule 338.44(3)(b)]
[ ] Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL:
Static level 212 ft. below land surface Date 11/27/96
Artesian flow ____ gpm. Date

12) PACKERS:

Type	Depth
K-PACKER	355

13) TYPE PUMP:
[ ] Turbine [ ] Jet [✓] Submersible [ ] Cylinder
[ ] Other
Depth to pump bowls, cylinder, jet, etc., 300 ft.

14) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [✓] Jetted [✓] Estimated
Yield: 80 gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [✓] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata
Was a chemical analysis made? [ ] Yes [✓] No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME BUSSELL + SON INC. (Type or print) WELL DRILLER'S LICENSE NO. 2035

ADDRESS P O Box 874 (Street or RFD) Tomball (City) TX (State) 77377-0874 (Zip)

(Signed) Craig Bussell (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 05-21-96) WHITE - TNRCC YELLOW - DRILLER PINK - WELL OWNER

4820109575

STATE OF TEXAS WATER WELL REPORT

1) OWNER: MCDUGALD-STEELE (CAMP) ADDRESS: 849 W. 26 STREET CITY: HOUSTON STATE: TX ZIP: 77008-
2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

on 65-13-7

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00200

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.0	0	364
5.0	364	388

7) BOREHOLE METHOD: TWO STRING/K-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 05/10/90

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	15	CLAY-WHITE
15	41	SAND-WHITE-.006-.008
41	42	ROCK
42	84	CLAY-RED
84	99	SAND-TAN-.014-.020
99	153	CLAY-RED
153	169	GRAVEL
169	235	CLAY-RED
235	261	SAND-TAN-.014-.020
261	264	ROCK
264	300	SAND-TAN-.014-.020
300	358	BROKEN SAND & CLAY
358	385	SAND-WHITE-.010-.012
385	388	BROKEN SAND & CLAY
388		ROCK

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	364		CASING
3.0	N	P.V.C. SCH.80	353	365		LINER
3.0	N	STAINLESS - ROD BASE	365	385		.010
3.0	N	STEEL, NEW, GALV.	385	388		S.T.N.

9) CEMENTING DATA:
Cemented from 164 FT. TO 364 FT.
0 FT. TO 20 FT.
Method used: PRESSURE-HALIBURTON
Cemented by: ALMEDA WATER WELL

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 231 FT. DATE: 05/14/90
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

RECEIVED MAY 24 1991 TEXAS WATER WELL DRILLERS BOARD

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 336

14) WELL TEST:
JETTED
YIELD: 60 GPM WITH 20 FT DRAWDOWN AFTER 3 HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 388 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

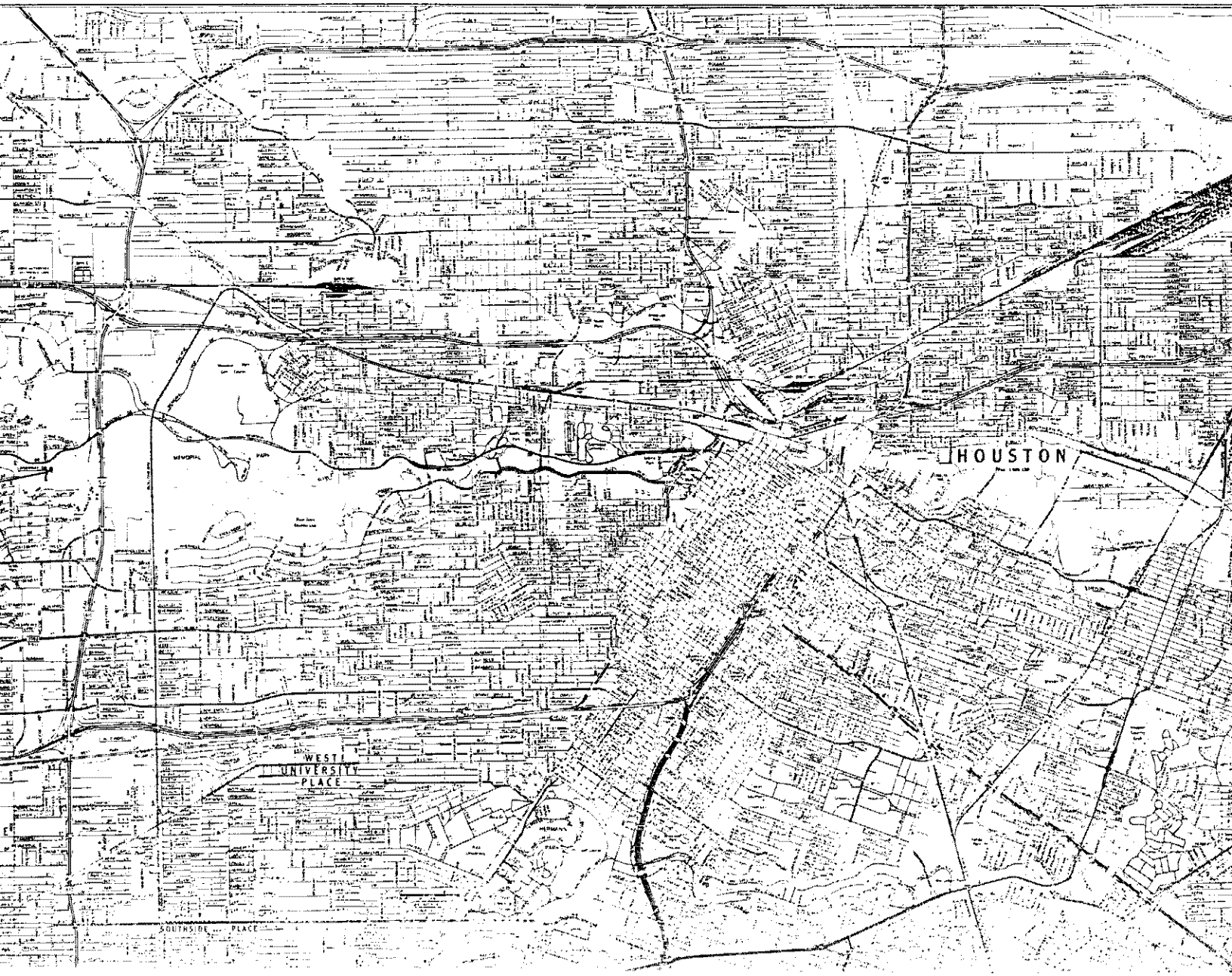
COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY
WELL NO. 65-13-7
LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) _____ (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

4820107552


HOUSTON
WEST
UNIVERSITY
PLACE
SOUTHSIDE PLACE

STATE OF TEXAS WATER WELL REPORT

1) OWNER: BROCKMAN, ROBERT ADDRESS: 333 W. FRIAR TUCK CITY: HOUSTON STATE: TX ZIP: 77024-
2) LOCATION OF WELL: County: HARRIS 0 miles in NW direction from HOUSTON

LEGAL DESCRIPTION:
Section No.: F-8 Block No.: NW Township: HOUSTON
Abstract No.: FRIAR TUCK Survey Name: MCDUGALD-STEELE
Distance and direction from two intersecting section or survey lines: MEMORIAL & W FRIAR TUCK

65-13-7

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: DOMESTIC 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 18456

DIAMETER OF HOLE

DIAMETER	FROM	TO
7 7/8	0	456

7) BOREHOLE METHOD:
STRAIGHT WALL
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 03/17/98

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	TOP SOIL
3	15	CLAY
15	48	SAND
48	97	CLAY
97	126	SAND
126	245	CLAY
245	268	SAND
268	271	CLAY
271	290	SAND
290	300	CLAY
300	322	SAND
322	324	CLAY
324	336	SAND
336	358	CLAY
358	368	SAND
368	397	CLAY
397	402	SAND
402	404	ROCK
404	431	CLAY
431	453	SAND
453	456	CLAY

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
4	N	SUPERFLO SCREEN	0	425		SDR 17
2.5	N	GALVANIZED LINER	402	433		WW
2.5	N	S/S PIPE BASE SCREEN	433	453		10
2.5	N	GALVANIZED LINER	453	456		WW

9) CEMENTING DATA:
Cemented from 425 FT. TO 0 FT.
FT. TO FT.
Method used: PRESSURE
Cemented by: ODCI

10) SURFACE COMPLETION:
OTHER

11) WATER LEVEL:
STATIC LEVEL : 210 FT. DATE: 03/17/98
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
B P VALVE	402

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 315

14) WELL TEST:
JETTED
YIELD: 35 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: N/A DEPTH OF STRATA: NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877,4111,4883,
ADDRESS: 14405 GARDEN RD CITY: PEARLAND STATE: TX ZIP CODE: 77581

FOR TDWR USE ONLY
WELL NO.:
LOCATED ON MAP:

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Angel Bautista (signed)
(REGISTERED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)

48201231128

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER _____ (Name) ADDRESS _____ (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL:
County _____ _____ (Street, RFD or other) (City) (State) (Zip) GRID # 65-13-7

3) TYPE OF WORK (Check):
☐ New Well ☐ Deepening
☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5)

N

6) WELL LOG:
Date Drilling:
Started _____ 19 ____
Completed _____ 19 ____

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
	Surface	

7) DRILLING METHOD (Check): ☐ Driven
☐ Air Rotary ☐ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☐ Other _____

From (ft.)	To (ft.)	Description and color of formation material

(Use reverse side if necessary)

8) Borehole Completion (Check): ☐ Open Hole ☐ Straight Wall
☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from _____ ft. to _____ ft. No. of sacks used _____
_____ ft. to _____ ft. No. of sacks used _____
Method used _____
Cemented by _____
Distance to septic system field lines or other concentrated contamination _____ ft.
Method of verification of above distance _____

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 338.44(2)(A)]
☐ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

14) WELL TESTS:
Type test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

11) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☐ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

12) PACKERS: Type Depth

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME _____ (Type or print) WELL DRILLER'S LICENSE NO. _____

ADDRESS _____ (Street or RFD) (City) (State) (Zip)

(Signed) _____ (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-01-94)

TNRCC COPY

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: UNGER, ADRIANE ADDRESS: 515 EAST FRIER TUCK CITY: HOUSTON STATE: TX ZIP: 77024-

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-13-7
Street or RFD: 515 EAST FRIER TUCK
City, State, Zip code: HOUSTON , TX 77024-

5)

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: SINGLE FAMILY RESID
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 01922

DATE DRILLING:
STARTED: 09/18/00
COMPLETED: 10/12/00

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.0	0	363
4.875	363	385

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: TWO STRING/K-PACKER

IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

N

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	363		CASING
3.0	N	P.V.C. SCH.40	354	365		LINER
3.0	N	P.V.C. - SLOTTED	365	375		.008
3.0	N	P.V.C. - SLOTTED	375	385		.010

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	2	SOIL
0	2	SOIL
2	16	CLAY-TAN CLAY-WHITE
16	70	CLAY-TAN CLAY-RED
70	104	SAND-TAN-.006-.008 SAND-TAN-.010-.012
104	120	CLAY-RED
120	139	SAND-TAN-.006-.008 BROKEN SANDSTONE
139	150	CLAY-RED
150	169	SAND-TAN-.010-.012 SAND-TAN-.014-.020
169	190	CLAY-RED
190	216	SAND-TAN-.010-.012 BROKEN SAND & CLAY
216	228	CLAY-RED
228	292	SAND-TAN-.010-.012
292	302	CLAY-RED
302	324	SAND-WHITE-.010-.012

9) CEMENTING DATA:
Cemented from No. of Sacks Used
0 FT. TO 363 FT. 75
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS
Distance to septic field lines: N/A ft.
Method of verification of above distance:
CITY SEWER

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 221 FT. DATE: 09/20/00
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
K-PACKER	354
K-PACKER	355

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 338

14) WELL TEST:
JETTED
YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 385 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843, 2843, 2350
ADDRESS: P.O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TWC USE ONLY
WELL NO.
LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Carl Lotton (LICENSED WATER WELL DRILLER)

(signed) (REGISTERED DRILLER TRAINEE)

4820125385

STATE OF TEXAS WATER WELL REPORT (PAGE 2)

OWNER: UNGER, ADRIANE ADDRESS: 515 EAST FRIER TUCK CITY: HOUSTON STATE: TX ZIP: 77024-

324	363	BROKEN SAND & CLAY
363	385	SAND-WHITE-.006-.008 SAND-WHITE-.010-.012

8 02418

Please use black ink.
Send original copy by certified mail to the
Texas Water Commission
P.O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER David King (Name) Address 502 W. Friar Tuck (Street or RFD) Houston (City) TX (State) 77024 (Zip)

2) LOCATION OF WELL: #502 Friar Tuck
County Harris _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ See attached map. 0165-04-9

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 10-15 1988 Completed 10-16 1988

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	420'

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0'	25'	Top Soil + Clay
25'	47'	Surface Sand
47'	160'	Clay
160'	242'	Sand
242'	361'	Clay
361'	394'	Sand
394'	400'	Clay
400'	420'	Sand

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Galvanized Steel	0'	400'	
2½	U	Galvanized	394'	400'	
2½	U	PVC conduit	400'	420'	.040
2½	U	PVC conduit	400'	420'	.020

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 10 ft. No. of Sacks Used _____
350 ft. to 400 ft. No. of Sacks Used _____
Method used Halliburton
Cemented by Bussell & Son, Inc.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☒ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 240 ft. below land surface Date 10-16-88
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

13) TYPE PUMP: ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: 35 gpm with 20 ft. drawdown after 3 hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

RECEIVED
APR 28 1989
TEXAS WATER COMMISSION

(Use reverse side if necessary)

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Bussell & Son, Inc. (Type or Print) Water Well Driller's License No. 2035

ADDRESS P.O. Box 374 (Street or RFD) Tomball (City) TX (State) 77375 (Zip)

(Signed) Craig Bussell (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 65/13-7
Located on map _____

WWD-012 (Rev 01-28-87) TEXAS WATER COMMISSION COPY

4820107554

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: DUGAN, LYDIA ADDRESS: 307 W FRIAR TUCK CITY: HOUSTON STATE: TX ZIP: 77024-

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-13-7
Street or RFD: 307 W FRIAR TUCK
City, State, Zip code: HOUSTON , TX 77024-

5)

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: DOMESTIC
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 21637

DATE DRILLING:
STARTED: 08/15/00
COMPLETED: 08/22/00

DIAMETER OF HOLE

DIAMETER	FROM	TO
6.5	0	402

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: STRAIGHT WALL

IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

N^

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING	SCREEN
4	N	STEEL CASING	0	370	WW	
2.5	N	GALVANIZED LINER	360	370	WW	
2.5	N	S/S PIPE BASE SCREEN	370	380	12	
2.5	N	S/S PIPE BASE SCREEN	380	390	10	
2.5	N	S/S PIPE BASE SCREEN	390	400	06	

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	TOP SOIL
3	20	CLAY
20	30	SAND
30	139	CLAY
139	176	SAND
176	244	CLAY
244	328	SAND
328	360	CLAY
360	400	SAND
400	401	ROCK
401	402	CLAY

9) CEMENTING DATA:
Cemented from No. of Sacks Used
370 FT. TO 0 FT.
FT. TO FT.
Method used: PRESSURE
Cemented by: ODCI
Distance to septic field lines: ft.
Method of verification of above distance:

10) SURFACE COMPLETION:
~~OTHER~~ SLEEVE

11) WATER LEVEL:
STATIC LEVEL : 217 FT. DATE: 08/22/00
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE B P SEAL DEPTH 360

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 346

14) WELL TEST:
JETTED
YIELD: 30 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: N/A DEPTH OF STRATA: 42 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877,4111,4884
ADDRESS: 2357 GARDEN RD CITY: PEARLAND STATE: TX ZIP CODE: 77581-8744

FOR TWC USE ONLY
WELL NO.
LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Kaylo Mera (LICENSED WATER WELL DRILLER)

(signed) (~~REGISTERED DRILLER TRAINEE~~)

NOV 27 2000

OCT 17 2000

4820124506

STATE OF TEXAS WELL REPORT for Tracking #232419

Owner:	**Smith**	Owner Well #:	**Well Log 03748**
Address:	**401 E Firar Tuck Houston, TX 77019**	Grid #:	**65-13-7**
Well Location:	**401 E Friar Tuck Houston, TX 77019**	Latitude:	**29° 46' 29" N**
		Longitude:	**095° 28' 09" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Irrigation**

Drilling Start Date: **5/17/2010** Drilling End Date: **6/30/2010**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.5**	**0**	**360**
	4.875	**360**	**393**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Two String/K-Packer**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**360**	**79**

Seal Method: **Pressure-Haliburton**

Sealed By: **AWWS**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **City Sewer**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Pitless Adapter Used**

Water Level: **198 ft.** below land surface on **2010-06-30** Measurement Method: **Unknown**

Packers: **K-Packer 351'**
K-Packer 352'

Type of Pump: **Submersible**

Well Tests: **Jetted** **Yield: 125 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**393**	**Not Tested**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Almeda Water Well Service**

PO Box 266
Manvel, TX 77578

Driller Name: **John A. Pyburn** License Number: **843**

Comments: **^EO**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**4**	**fill soil**
4	**15**	**clay-gray clay-tan**
15	**37**	**sand-tan-.006-.008**
37	**153**	**clay-red clay/sand streaks**
153	**173**	**sand-tan-.010-.012**
173	**235**	**clay-red**
235	**301**	**sand-tan-.006-.008 sand-tan-.010-.012 sand-tan-.014 -.020**
301	**309**	**broken sand & clay**
309	**327**	**clay-red clay/sand streaks**
327	**371**	**sand-white-.010-.012**
371	**376**	**broken sand & clay**
376	**391**	**sand-white-.010-.012**
391	**393**	**clay-red**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" N PVC SDR 17 0'-360' Casing			
3" N PVC Sch 40 351'-361' Liner			
3" N Johnson Super Flow 361'-371' .010			
3" N PVC Sch 40 371'-376' Liner			
3" N Johnson Super Flow 376'-391' .010			
3" N PVC Sch 40 391'-393' Liner			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-911

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513911
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.781667
Latitude (degrees minutes seconds)	29° 46' 54" N
Longitude (decimal degrees)	-95.404167
Longitude (degrees minutes seconds)	095° 24' 15" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCTL - Chicot Aquifer, Lower
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	58
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	670
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1917
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Industrial
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Airlift
Pump Depth (feet below land surface)	
Power Type	
Annular Seal Method	
Surface Completion	
Owner	Swift and Co.
Driller	Layne Texas Co.
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178: 60 ft. of screen between 500 and 670 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

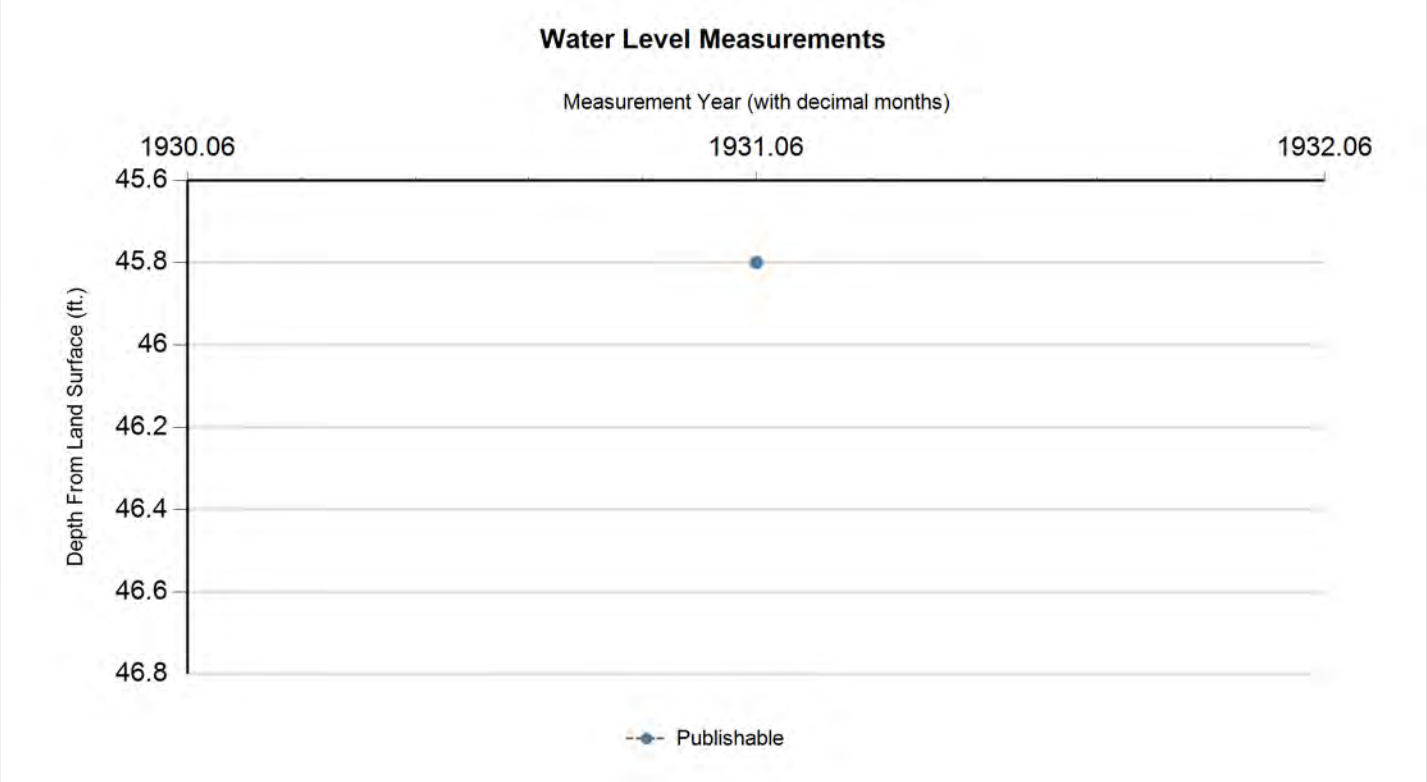
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	1/23/1931		45.8		12.2	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-912

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513912
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.779444
Latitude (degrees minutes seconds)	29° 46' 46" N
Longitude (decimal degrees)	-95.403612
Longitude (degrees minutes seconds)	095° 24' 13" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCTL - Chicot Aquifer, Lower
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	51
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	540
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1893
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Unused
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	None
Pump Depth (feet below land surface)	
Power Type	
Annular Seal Method	
Surface Completion	
Owner	Houston Cotton Oil Co.
Driller	G. C. Warniecke
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178

Casing - No Data

Well Tests - No Data

Lithology - No Data

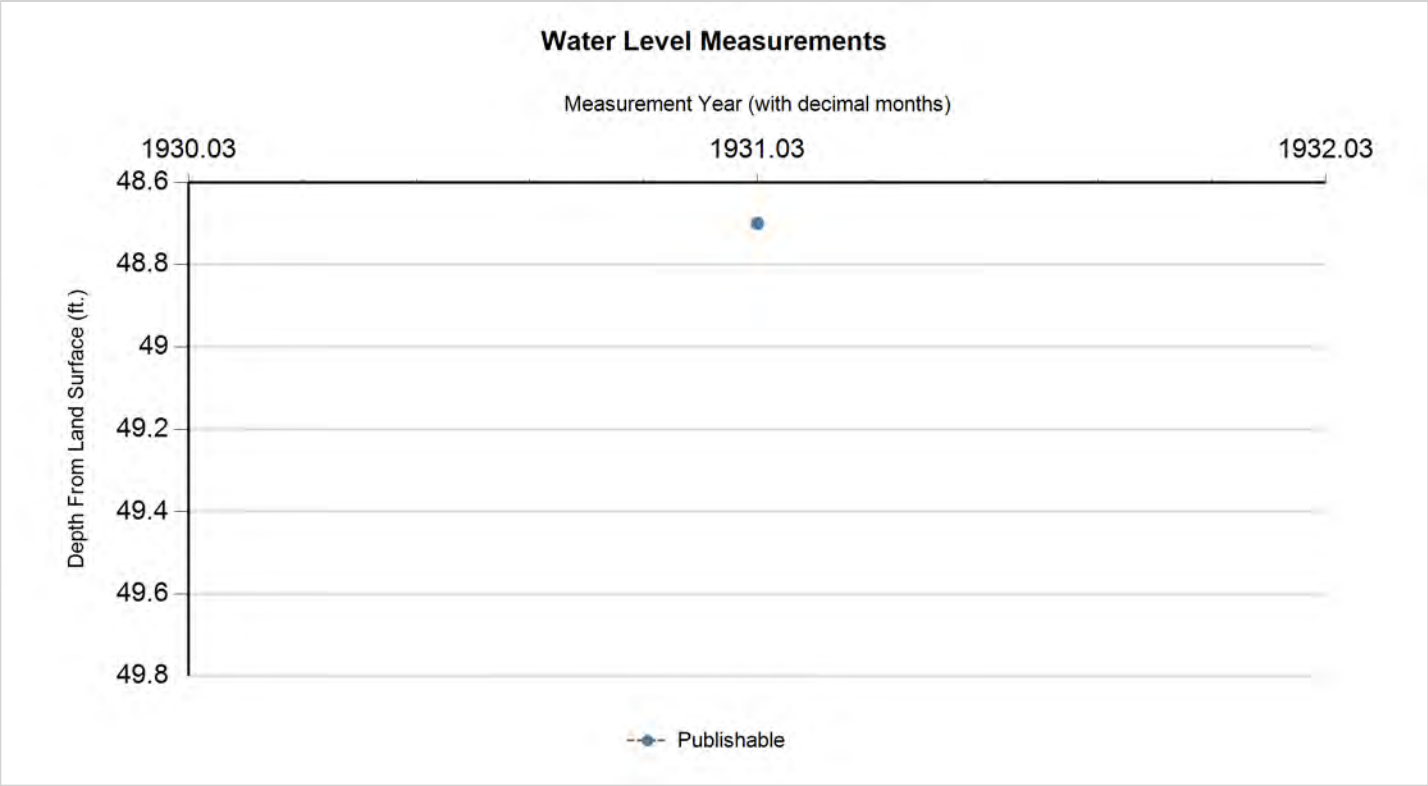
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	1/11/1931		48.7		2.3	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

65-13-2Q

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER Shipley (Name) Address 5200 N. Main (Street or RFD) Houston, Tx. (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 8 miles in NW (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. ____ Block No. ____ Township ____
Abstract No. ____ Survey Name ____
Distance and direction from two intersecting section or survey lines ____

☒ See attached map. #1

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other ____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other ____

6) WELL LOG:

Date drilled 3-24-83

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 1/2"	Surface	370'

From (ft.)	To (ft.)	Description and color of formation material
0	3 n	top soil
3	25	clay & sand
25	49	clay
49	60	sand
60	76	clay
76	108	shale
108	130	sand
130	140	clay & sand
140	164	sand
164	196	clay
196	212	sand
212	226	clay
226	270	sand
270	351	clay
351	370	sand & sandstone

(Use reverse side if necessary)

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other ____
If Gravel Packed give interval . . . from ____ ft. to ____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4"	New	Jetstream casing	1' above surface	350'	
4"	new	stainless steel screen	350'	370'	.010

CEMENTING DATA
Cemented from ____ ft. to ____ ft.
Method used ____
Cemented by ____ (Company or Individual)

9) WATER LEVEL:
Static level 160 ft. below land surface Date 3-24-83
Artesian flow ____ gpm. Date ____

10) PACKERS: Type Depth

11) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other ____
Depth to pump bowls, cylinder, jet, etc., ____ ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 20 gpm with ____ ft. drawdown after ____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? ☐ Yes ☒ No

RECEIVED
SEP 12 1983
DEPT. OF WATER RESOURCES

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME Austin Col Water Well service Inc. (Type or Print) Water Well Driller's License No. 1873 & 1874

ADDRESS 1323 Meyer (Street or RFD) Sealy (City) Texas (State) 77474 (Zip)

(Signed) [signature] (Licensed Water Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 65-13-2Q
Located on map yes C.F.S.

TDWR-0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY

HARRIS COUNTY
TEXAS
1973
1970 CENSUS FIGURES
HIGHWAYS REVISED TO JANUARY 1, 1976
KEY TO BASE SHEETS
KEY TO SUPPLEMENTARY SHEETS
HOUSTON
JACINTO CITY
PASADENA
DEER PARK
LA PORTE
BAYTOWN
SHORE ACRES
PEARLAND
FRIENDSWOOD
WEBSTER
NASSAU BAY
LEAGUE CITY
KEMAH
EL LAGO
CLEAR LAKE SHORES
TAYLOR LAKE VILLAGE
SEABROOK
BROOKSIDE VILLAGE
HOUSTON INTERCONTINENTAL AIRPORT
EAST RIVER
LIBERTY COUNTY
CHAMBERS COUNTY
GALVESTON BAY
BRAZORIA
GALVESTON COUNTY
#1
WELL

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER Burt Saville (Name) ADDRESS 13815 Wickersham Houston TX 77077 (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL: County HARRIS 5602 Gardendale Hstn Tx. (Street, RFD or other) (City) (State) (Zip) GRID # 65-13-4

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5)

6) WELL LOG:
Date Drilling: Started 10/3 19 95 Completed 10/4 19 95

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	335
3 7/8	335	345

7) DRILLING METHOD (Check): ☐ Driven ☐ Air Rotary ☑ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

X N

From (ft.)	To (ft.)	Description and color of formation material
0	35	TOP SOIL & CLAY
35	42	SURFACE SAND
42	98	CLAY
98	110	SAND
110	123	CLAY
123	139	SAND
139	193	CLAY
193	258	SAND
258	325	CLAY (SANDY)
325	345	SAND

(Use reverse side if necessary)

8) Borehole Completion (Check): ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	N	PVC	0	335	
2	N	GALVANIZED	330	340	
2	N	PVC SCREEN	335	345	.012

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 25 ft. No. of sacks used 16
280 ft. to 330 ft. No. of sacks used 3
Method used Halliburton / Trimmel
Cemented by Russell & Son Inc
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance ____

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ____ ft.

FEB 0 1996

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 338.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

14) WELL TESTS:
Type test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

11) WATER LEVEL:
Static level 236 ft. below land surface Date 10-4-95
Artesian flow ____ gpm. Date ____

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? ☐ Yes ☑ No

12) PACKERS: Type: L-Packer Depth: 335

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Russell & Son Inc (Type or print) WELL DRILLER'S LICENSE NO. 2035

ADDRESS P O Box 874 (Street or RFD) Tomball (City) TX (State) 77377-0874 (Zip)

(Signed) Craig O Russell (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

4820111052

CB

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

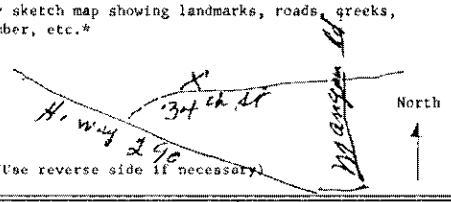
WATER WELL REPORT

For TWDB use only
Well No.
Located on map
Received:

1) OWNER:
Person having well drilled Turner Hdw. Co. (Name) Address 11730 Hemstead Hwy (Street or RFD) Houston (City) (State)
Landowner Gulf Coast Welding & Const. Co Inc. (Name) Address 5600 W. 34th (Street or RFD) Houston Tex (City) (State)
Well drilled at 5600 West 34th Street

2) LOCATION OF WELL:
County Harris. miles in N W (N.E., S.W., etc.) direction from Houston (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*



(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well ✓ Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial ✓ Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): Rotary ✓ Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 4½" in. Test Depth drilled 252 ft. Depth of completed well 252' ft. Date drilled 11-22-69
Reamed 6½" to 233'
All measurements made from 1' ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	1	Shell (Driveway)
1	38	Top Soil (2') & Red Clay
38	50	Red Sand & Clay Balls
50	62	Red Clay
62	70	Red Sand w/mixed Color Clay
70	92	Blue & White Clay
92	112	White Sand (Fine)
112	130	Red Clay
130	147	White Sand w/Clay Balls
147	170	Orange Clay
170	192	Coarse White Sand

Cont. (Use reverse side if necessary)

9) Casing:
Type: Old New ✓ Steel ✓ Plastic Other
Cemented from 180' ft. to 233 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	+1	233	
2½"	237'	237'	

10) SCREEN:
Type Stainless Steel wire on Perforated ✓ Pipe Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2½"	237	252	16 ga.

7) COMPLETION (Check): Straight wall Gravel packed 2 String Other Under reamed Open Hole

8) WATER LEVEL:
Static level 160' ft. below land surface Date 11-22-69
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 210' ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes ✓ No If yes, by whom? Ok
Yield: 35 gpm with 20' ft. drawdown after 8 hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No ✓
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Omer L. Lecellen (Type or Print) Water Well Drillers Registration No. 695
ADDRESS Rt 1 Box 218 (Street or RFD) Cypress (City) 77429 Texas (State)
(Signed) O L Lecellen (Water Well Driller) Walker Well Service (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDB1-GW-53

4820111015

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 422 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 49 10 Longitude - 95 28 20 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Gulf Coast Welding & Construction Co. Driller - Walker Well Service

Address _____ Tenant/Oper. _____
Date Drilled - / /1969 Depth - 252 ft. Source of Depth - Altitude - 79 ft. Source of Alt. -
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User -

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (
Open Hole (O)
Cemented from _____ to _____

Diam. (in.)	Setting(feet) From	To

LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data-

WATER LEVELS Date- 11/22/1969 Measurement- -160.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 09/30/2002

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB R178: Screen from 237 to
252 ft.
Yield: 35 gpm with 20 ft.
drawdown when drilled.

STATE OF TEXAS WELL REPORT for Tracking #190019

Owner:	**Rebecca Parsons**	Owner Well #:	**Well log #38524**
Address:	**7 Winston Woods Houston, TX**	Grid #:	**65-13-7**
Well Location:	**7 Winston Woods Houston, TX**	Latitude:	**29° 46' 18" N**
		Longitude:	**095° 28' 07" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **8/30/2006** Drilling End Date: **8/30/2006**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**7.875**	**0**	**435**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:			**8**
	0	**380**	**55**

Seal Method: **Pressure**

Sealed By: **Driller**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Unknown**

Water Level: **210 ft.** below land surface on **2006-08-30** Measurement Method: **Unknown**

Packers: **B P Seal, 352'**

Type of Pump: **No Data**

Well Tests: **Jetted** **Yield: 60 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**38**	**n/a**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **O'Day Drilling Company, Inc.**

5923 CR 931
Rosharon, TX 77583

Driller Name: **Angel Bautista** License Number: **4883**

Apprentice Name: **Arturo Barrera** Apprentice Number: **1138/56891**

Comments: **$scd**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	3	topsoil
3	21	clay
21	50	sand
50	72	clay
72	108	sand
108	162	clay
162	178	sand
178	265	clay
265	308	sand
308	314	clay
314	333	sand
333	383	clay
383	397	sand
397	411	clay
411	435	sand

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5	N	PVC casing	0-380 SDR17
3	N	galvanized liner	352-383 WW
3	N	s/s pipe base screen	383-393 10
3	N	galvanized liner	393-410 WW
3	N	s/s pipe base screen	410-430 10
3	N	galvanized liner	130-435 WW

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: BLUEWATER REAL ESTATE ADDRESS: 310 TERRACE CITY: HOUSTON STATE: TX ZIP: -

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-13-8
Street or RFD: 310 TERRACE
City, State, Zip code: HOUSTON , TX -

5)

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: DOMESTIC
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 23429

DATE DRILLING:
STARTED: 10/20/01
COMPLETED: 11/01/01

DIAMETER OF HOLE

DIAMETER	FROM	TO
6.5	0	494

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: STRAIGHT WALL

N^

IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
4	N	PVC CASING	0	467	WW
2.5	N	GALVANIZED LINER	453	474	WW
2.5	N	S/S PIPE BASE SCREEN	474	494	08

RECEIVED
TDLR MAIL ROOM · SH
JAN 08 2002

RECEIPT #	AMOUNT

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	TOP SOIL
3	20	CLAY
20	50	SAND
50	51	ROCK
51	100	CLAY
100	106	SAND
106	112	CLAY
112	130	SAND
130	222	CLAY
222	248	SAND
248	273	CLAY
273	320	SAND
320	352	CLAY
352	362	SAND
362	379	CLAY

9) CEMENTING DATA:
Cemented from No. of Sacks Used
467 FT. TO 0 FT. 25
FT. TO FT.
Method used: PRESSURE
Cemented by: ODCI
Distance to septic field lines: ft.
Method of verification of above distance:

10) SURFACE COMPLETION:
SURFACE SLEEVE

11) WATER LEVEL:
STATIC LEVEL : 215 FT. DATE: 11/01/01
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
B P SEAL	453

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 294

14) WELL TEST:
JETTED
YIELD: 25 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: N/A DEPTH OF STRATA: 25 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877,4111,4883,
ADDRESS: 2357 GARDEN RD CITY: PEARLAND STATE: TX ZIP CODE: 77581-8744

FOR TWC USE ONLY
WELL NO.
LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Angel Bautista (LICENSED WATER WELL DRILLER) (signed) (REGISTERED DRILLER TRAINEE)

4820125806

STATE OF TEXAS WATER WELL REPORT (PAGE 2)

OWNER: BLUEWATER REAL ESTATE ADDRESS: 310 TERRACE CITY: HOUSTON STATE: TX ZIP: -

379	387	SAND
387	420	CLAY
420	428	SAND
428	469	CLAY
469	494	SAND

RECEIVED
TDLR MAIL ROOM SH

JAN 08 2002

RECEIPT #	AMOUNT

Texas Water Development Board
Well Schedule

State Well Number 6513623 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294807 **Longitude** 952358 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Heights Savings Assoc.

Driller
Lowry Water Wells

Address _____ **Tenant/Oper.** _____

Date Drilled / /1961 **Depth** 286 **Source of Depth** **Altitude** 64 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION

Const-Method

Casing Material

Screen Material

Completion

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to_____

LIFT DATA - **Pump Mfr. -** _____ **Type -** SUBMERSIBLE PUMP **No. Stages** _____

Bowls Diam - _____ **in.** **Setting -** _____ **ft.** **Column Diam. -** _____ **in.**

Motor Mfr. - _____ **Fuel or Power -** ELECTRIC MOTOR **Horsepower -**

YIELD Flow- _____ **GPM** **Pump** _____ **GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary -** DOMESTIC **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1961
-138

Recorded By _____ **Date Record Collected or Updated -** 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: Screen from 272 to 284 ft.

Aquifer - 112CHCTL **ID -** 15
CHICOT AQUIFER,LOWER

#1

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER ED CAPPEL (Name) Address 527 LITTLE JOHN (Street or RFD) HOUSTON (City) TEXAS (State) (Zip)

2) LOCATION OF WELL: County HARRIS CITY LIMITS miles in _____ (N.E., S.W., etc.) direction from HOUSTON (Town) TEXAS

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

#1 ☒ See attached map. Km491

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☒ Other YARD

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 12/13/87 12/14/87

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
10	Surface	46

From (ft.)	To (ft.)	Description and color of formation material
0	10	SURFACE CLAY
10	26	SAND & SHALE
26	46	FINE WATER SAND

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	PLASTIC BAY	0	26	40
4	N	PLASTIC WOP	26	46	010

CEMENTING DATA 5 Sacks
Cemented from 0 ft. to 10 ft.
Method used HAND MIXED
Cemented by WELLCO (Company or Individual)

9) WATER LEVEL:
Static level 23 ft. below land surface Date 12/14/87
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth
NONE

11) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 40 ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

RECEIVED SEP 15 1988 TEXAS WATER COMMISSION

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME WELLCO WATER WELL COMPANY (Type or Print) Water Well Driller's License No. 315

ADDRESS 5423 LOTUS STREET (Street or RFD) HOUSTON (City) TEXAS (State) 77085 (Zip)

(Signed) B Cor (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only Well No. 65-14-9 Located on map _____

TDWR-0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY

#1 well
well #2
491
EDGEWAY
BRYONWOOD
BETTY JANE
ALDERNE
HARLAND
WARRON WAY
CHATELSON
AFTON
SILBER
KATY FWY
MKT RD
KENILWOOD
WICKFORD
CHATSWORTH
LINERICK
LAFONT
MEMORIAL
BUCKINGHAM
CARNARVON
WEST LOOP
S. POST OAK
Memorial Park
Houston Arboretum
WOODWAY
BAYOU GLEN
STURBRIDGE
RIVERWAY DR
POST OAK LN
POST OAK TIMBER
TILBURY
TANGLE LN
WYNDEN
RIVER HOLLOW
BRIAR HOLLOW
POST OAK PARK
Houston C.C.
CHIMNEYROCK
SAN FELIPE
WESTHEIMER
GALLERIA
W ALABAMA
RICHMOND AVE
WINDSOR PLAZA
WESTPARK
LOOP CENTRAL
BRYN MAWR
WILD INDIGO
MERWIN
INGERSOLL
BASH
HACKBERRY
DEVON
OAKSHIRE
SHETLAND
WARWICK
BUTTONWOOD
MOSSDALE
LANCASTER
ST REGIS PL
BETTIS
WESTLAKE
WESTLANE
MIDLANE
IVANHOE
BANNING
LETTERING
GRISCOM
GUILFORD CT
SAKS
CENTER
AMBASSADOR WAY
HALLMARK
HOLLYHURST
GARRISON
WEST BRIAR
FIELDWOOD
HUCKLEBERRY
DOLIVER
CEDAR CREEK
LYNBROOK
BORDEEY
VALLEY FORGE
LONGMONT
BRIARGROVE
BRIARRIDGE
BRIARWOOD
BRIAR ROSE
INWOOD
DEL MONTE
CHEVY CHASE
OLYMPIA
MEADOWLAKE
BURGOYNE
PIPING ROCK
ELLALEE
WICKERSHAM
LOCKE LANE
WILLOWS WAY
BELLOMONTE
NANTUCKET
FOUNTAIN SQ
AUGUSTA
BERING DR
SHERBROOK
ROCKY RIVER
SAGE RD
CROWN CLAY
FAIRDALE
DOLORES
WINSOME
VALVERDE
HIDALGO
NAVARRO
LAMPASAS
MCCULLOCH CIR
PAGEWOOD
STAR
MCGUE
BEVERLY HILL
SKYLINE
WINDSWEPT
URBANA
TERMINAL
LEHIGH
WESTPARK
BRIAR HLW PL
POST OAK PL
POST OAK CENTER
S. POST OAK
W. MEMORIAL PRK "C"
W. MEMORIAL PRK "A"
WINNINGSKILL
WELLESLEY
HUNTERS
RIPPLE CRK
CRAB ORCHARD
SUGAR HILL
LYNBROOK
BORDEEY
VALLEY FORGE
LONGMONT
DOLIVER
CEDAR CREEK
BRIARGROVE
BRIARRIDGE
BRIARWOOD
BRIAR ROSE
INWOOD
DEL MONTE
CHEVY CHASE
OLYMPIA
MEADOWLAKE
BURGOYNE
PIPING ROCK
ELLALEE
WICKERSHAM
LOCKE LANE
WILLOWS WAY
BELLOMONTE
NANTUCKET
FOUNTAIN SQ
AUGUSTA
BERING DR
SHERBROOK
ROCKY RIVER
SAGE RD
CROWN CLAY
FAIRDALE
DOLORES
WINSOME
VALVERDE
HIDALGO
NAVARRO
LAMPASAS
MCCULLOCH CIR
PAGEWOOD
STAR
MCGUE
BEVERLY HILL
SKYLINE
WINDSWEPT
URBANA
TERMINAL
LEHIGH
WESTPARK
LOOP CENTRAL
BRYN MAWR
WILD INDIGO
MERWIN
INGERSOLL
BASH
HACKBERRY
DEVON
OAKSHIRE
SHETLAND
WARWICK
BUTTONWOOD
MOSSDALE
LANCASTER
ST REGIS PL
BETTIS
WESTLAKE
WESTLANE
MIDLANE
IVANHOE
BANNING
LETTERING
GRISCOM
GUILFORD CT
SAKS
CENTER
AMBASSADOR WAY
HALLMARK
HOLLYHURST
GARRISON
WEST BRIAR
FIELDWOOD
HUCKLEBERRY
DOLIVER
CEDAR CREEK
LYNBROOK
BORDEEY
VALLEY FORGE
LONGMONT

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
T.L. Smith	7714 Jenak	Houston	TX	77055

2) WELL LOCATION

County	Physical Address	City	State	Zip
Harris	Same			

Lat. | Long. | Grid # 65-13-41

D.I.S.

3) Type of Work
☑ New Well ☐ Deepening ☐ Reconditioning

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 2/9/01
Completed 2/9/01

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
5	Surface	57

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft)	To (ft)	Description and color of formation material
Surface	16	Yellow clay
16	30	Red clay
30		Rock
30	35	Red clay
35	55	Sand & Clay

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☑ Gravel Packed ☐ Other
If Gravel Packed give the interval from 55 ft. to 45 ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
2	N	Casing Plastic	Surface	45	Sch 40
2	N	Screen Plastic	45	55	.006

9) Cementing Data
Cementing from 45 ft. to Surface ft. # of sacks used 9
ft. to ft. # of sacks used
Method Used Pressure
Cementing By Raymond Services, Inc.
Distance to septic system field or other concentrated contamination ___ ft.
Method of verification of above distance Customer

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion
☐ Specified Surface Slab Installed
☑ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump
☐ Turbine ☑ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc. ft.

11) Water Level
Static level 20 ft. below Date 2/9/01
Artesian Flow gpm. Date / /

15) Water Test
Typetest ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 15 gpm with 10 ft. drawdown after 2 hrs.

12) Packers Type Depth
NONE

16) Water Quality
Did you knowingly penetrate and strata which contain undesirable constituents.
☐ YES ☑ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made ☐ Yes ☐ No

Company or individual's Name (type or print)	Raymond Services, Inc.		
Address 10011 Airline Drive	City Houston	State TX	Zip 77037

Signature	Date	Signature	Date
Licensed Driller/Pump Installer	2/9/01	Apprentice	2/9/01

TDLR FORM 001WWD *White - TDLR* *Yellow - Owner* *Pink - Driller/Pump Installer*

482012 5432

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

5C

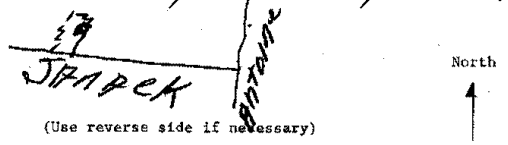
For TWDB use only
Well No. 65-13-5C
Located on map
Received: 74 yes
dlc

1) OWNER:
Person having well drilled E. W. SANDERS (Name) Address 7807 JANAK DR (Street or RFD) HOUSTON (City) TEXAS (State)

Landowner ✓ (Name) Address ✓ (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS, 12 miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.:



(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic ✓ Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 3 7/8 in. Depth drilled 47 ft. Depth of completed well 47 ft. Date drilled 11-21-73

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOP SOIL
2	18	GRAY CLAY
18	47	SAND

(Use reverse side if necessary)

9) Casing:
Type: Old ✓New Steel ✓Plastic Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
2	0	39	SCH 40

10) SCREEN:
Type PLASTIC
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2	39	47	8

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 20 ft. below land surface Date 11-21-73
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 20 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes ✓No If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes ✓No
Did any strata contain undesirable water? Yes No.
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B LUMPKIN, JR (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 7507 JANAK DR (Street or RFD) HOUSTON (City) TEXAS (State)

(Signed) John B Lumpkin Jr (Water Well Driller) LONG POINT WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-12-5V
Located on map yes
Received: C.F.S.

1) OWNER George Mullin (Name) Address 1702 West Rd. #5C (Street or RFD) Houston (City) TX (State) 77055 (Zip)

2) LOCATION OF WELL: County Harris 5 miles in W (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ See attached map. 3-1 mapson 60-58-BN

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 5/6/82

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	228

From (ft.)	To (ft.)	Description and color of formation material
0	80	clay
80	96	sand
96	107	clay
107	109	rock
109	200	clay
200	228	sand

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other 2 string
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Plastic	0	200	C
2 1/2	N	"	190	218	C
2 1/2	N	"	218	228	scr

CEMENTING DATA
Cemented from 0 ft. to 200 ft.
Method used pressure
Cemented by myself (Company or Individual)

9) WATER LEVEL:
Static level 40 ft. below land surface Date 5/7/82
Artesian flow _____ gpm. Date _____

10) PACKERS: Type K Depth 190

11) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 180 ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 50 gpm with 20 ft. drawdown after 1 hrs.

RECEIVED
AUG 30 1982
DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Jesse H. Bain (Type or Print) Water Well Drillers Registration No. TDL-1487

ADDRESS Rt 2 Box 451 (Street or RFD) Waller (City) TX (State) 77484 (Zip)

(Signed) Jesse H. Bain (Water Well Driller) Bain W. W. Ser. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

7B

65-(2)-8

GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No.
Located on map
Received:
Form GW 8
Form GW 9

1) OWNER:
Person having well drilled Signal Oil Co. (Name) Address P.O. Box 5008, Houston, Tex. (Street or RFD) (City) (State)

Landowner Same (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris Labor League Abstract No.

NW¼ NE¼ SW¼ SE¼ of Section Block No. Survey
(Circle as many as are known)

miles in (NE, SW, etc.) direction from (Town).

NORTH

LOCATION OF WELL

Interstate 10 8018 Katy Freeway

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☒ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☐ Industrial ☐ Municipal ☐
Service Station
Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check):
Rotary ☒ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 4" in. Depth drilled 329 ft. Depth of completed well 329 ft. Date drilled 12/12/66

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	From (ft.)	To (ft.)	Description and color of formation material
0	10	Surface Clay	243	279	Tough Brown Clay
10	32	White Sand	279	292	Sand
32	96	Red Clay-Sand Breaks	292	295	Shale
96	120	Hard White Sandy Clay	295	329	Sand
120	144	Sand			
144	172	Sand Badly Clay Broken			
172	228	White Clay			
228	243	Sand			(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall ☒ Gravel packed ☐ Other ☐
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level 159 ft. below land surface Date 12/12/66
Artesian pressure lbs. per square inch Date

9) CASING:
Type: old ☐ New ☒ Steel ☒ Plastic ☐ Other ☐
Cemented from 0 ft. to 304 ft.

10) SCREEN:
Type LOF Stainless, Wire Wrapped
Perforated ☒ Slotted ☐

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	304	

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size
2½	314	329	.016 ga.

11) WELL TESTS:
Was a pump test made? ☐ Yes ☐ No If yes by whom?
Yes With Air
Yield: gpm with ft. drawdown after hrs
Bailer test gpm with ft. drawdown after hrs
Artesian flow gpm Date
Temperature of water
Was a chemical analysis made? ☐ Yes ☒ No
Did any strata contain undesirable water? ☐ Yes ☐ No
Type of water? depth of strata

12) PUMP DATA:
Manufacturer's Name McDonald Mfg. Co.
Type Submersible H.P. 1 HP
Designed pumping rate gpm ☐ gph ☐
Type power unit
Depth to bowls, cylinder, jet, etc., 231 ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME R.B. Lowry (Type or Print) Water Well Drillers Registration No. 146

Address 4012 Fulton St. (P.O. Box 8707) Houston, Texas (Street or RFD) (City) (State)

(Signed) R.B. Lowry (Water Well Driller) LOWRY WATER WELLS (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

4820110854

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 738 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 59 Longitude - 95 28 47 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Texaco Inc. Driller - Lowry Water Wells

Address _____ Tenant/Oper. _____
Date Drilled - / /1962 Depth - 263 ft. Source of Depth - Altitude - 71 ft. Source of Alt. -
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER Well Type - W User -

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (
Open Hole (O)
Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To

LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data-

WATER LEVELS Date- 02/00/1962 Measurement- -136.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 09/30/2002

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB R178: Screen from 232 to
247 ft.

Aquifer - 112CHCTL
Well No. - 65 13 738

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 741 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 47 03 Longitude - 95 28 50 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Signal Oil Co. Driller - Lowry Water Wells

Address _____ Tenant/Oper. _____
Date Drilled - / /1966 Depth - 329 ft. Source of Depth - Altitude - 71 ft. Source of Alt. -
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER Well Type - W User -

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (
Open Hole (O)
Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To

LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data-

WATER LEVELS Date- 12/00/1966 Measurement- -159.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 09/30/2002

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB R178: Screen from 314 to
329 ft.

STATE OF TEXAS WELL REPORT for Tracking #135362

Owner:	**Markman, Barbara**	Owner Well #:	**No Data**
Address:	**624 E. Friar Tuck Houston, TX 77024**	Grid #:	**65-13-7**
		Latitude:	**29° 47' 07" N**
Well Location:	**624 E. Friar Tuck Houston, TX 77024**	Longitude:	**095° 28' 44" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **6/18/2007** Drilling End Date: **6/20/2007**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.75**	**0**	**370**
	4.5	**370**	**380**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**115**	**31**
	330	**370**	**4**

Seal Method: **Halliburton/Trimme**

Sealed By: **Driller**

Distance to Property Line (ft.): **<50**

Distance to Septic Field or other concentrated contamination (ft.): **>150**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Surface Sleeve Installed**

Water Level: **190 ft.** below land surface on **2007-06-20** Measurement Method: **Unknown**

Packers: **K Packer 365'**

Type of Pump: **Submersible**

Well Tests: **Jetted** **Yield: 60 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**No Data**	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Bussell & Sons LLC**

PO Box 874
Tomball, TX 77377

Driller Name: **Craig Bussell** License Number: **2035**

Apprentice Name: **Jason Beam** Apprentice Number: **56925**

Comments: **^EO**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**365**	**unconsolidated**
365	**380**	**sand**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5	**New**	**SDR17 Casing**	**0-370**
2.5	**New**	**Galvanized Liner**	**365-370**
2.5	**New**	**SSRB Screen**	**370-380 0.01**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

IL Dwyer

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-1L
Located on map yes
Received: 76
dl

1) OWNER:
Person having well drilled BILL RIDGEWAY (Name) Address 5821 GARDEN DALE HOU (Street or RFD) (City) (State)

Landowner BILL RIDGEWAY (Name) Address 5821 GARDEN DALE HOUSTON TEX (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS, _____ miles in _____ direction from _____ (N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.:
HY 290
CLOVERDALE
HW 34
North
(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.
Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well ✓ Deepening; Reconditioning; Plugging

4) PROPOSED USE (Check): Domestic; Industrial; Municipal; Irrigation; Test Well; Other

5) TYPE OF WELL (Check): Rotary ✓; Driven; Dug; Cable; Jetted; Bored ✓

6) WELL LOG:
Diameter of hole 3 2/8 in. Depth drilled 121 ft. Depth of completed well 100 ft. Date drilled 6-10-78
All measurements made from 1-4 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	SAND
2	21	RED CLAY
21	24	SAND
24	43	MIXED CLAY
43	52	SAND
52	67	CLAY
67	73	SAND
73	98	CLAY
98	100	ROCK
100	121	SAND

(Use reverse side if necessary)

9) Casing:
Type: Old; New ✓ Steel; Plastic ✓; Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage*
2 in			40

10) SCREEN:
Type _____
Perforated; Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size

7) COMPLETION (Check): Straight wall ✓; Gravel packed; Other; Under reamed; Open Hole OPEN BOTTOM

8) WATER LEVEL:
Static level 23 ft. below land surface Date 6-10-78
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?
Yield: 20 gpm with 8 ft. drawdown after 4 hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water 78

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No
Type of water? GOOD depth of strata 21 ft

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME FREDDIE L RICHARD (Type or Print) Water Well Drillers Registration No. 1321

ADDRESS P.O. BOX 158 BARKER TEX 77413 (Street or RFD) (City) (State)

(Signed) Freddie L Richard (Water Well Driller) F L Richard PLBC (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality*
Privilege Notice on Reverse Side

State of Texas
WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER Eddie Willrick (Name) ADDRESS 5925 Garden Dale (Street or RFD) Houston (City) Texas (State) 77092 (Zip)

2) ADDRESS OF WELL: County Harris same (Street or RFD) (City) (State) (Zip) GRID # 65-13-4

3) TYPE OF WORK (Check): [x] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [x] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) N

6) WELL LOG:
Date Drilling: Started 10/9/97 19 ___ Completed ___ 19 ___

DIAMETER OF HOLE

Dia (in.)	From (ft.)	To (ft.)
6.5	Surface	340
37/8	340	360

7) DRILLING METHOD (Check): [ ] Driven [ ] Air Rotary [x] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

From (ft.)	To (ft.)	Description and color of formation material
0	40	RED CLAY
40	75	FINE RED SAND
80	100	RED CLAY
100	110	CLAY
110	120	SAND
120	150	WHITE CLAY
150	160	SAND
160	200	CLAY
220	260	SAND & CLAY
260	280	CLAY & SAND
280	297	CLAY
297	360	SAND 16 GA

(Use reverse side if necessary)

8) Borehole Completion (Check): [ ] Open Hole [ ] Straight Wall [ ] Underreamed [ ] Gravel Packed [ ] Other 2 string
If Gravel Packed give interval ... from ___ ft. to ___ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	n	plastic	0	340	sch40
21/2	n	plastic slotted	340	360	10ea
21/2	n	sch 40 liner	330	340	

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 55 ft. No. of sacks used 7
55 ft. to 340 ft. No. of sacks used 32
Method used
Cemented by Raymond Services
Distance to septic system field lines 150 ft.
Method of verification of above distance

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed [Rule 338.44(2)(A)]
[x] Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
[ ] Pitless Adapter Used [Rule 338.44(3)(b)]
[ ] Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL:
Static level 224 ft. below land surface Date 10/13/97
Artesian flow ___ gpm. Date

12) PACKERS: Type 1 K-packer Depth 350

13) TYPE PUMP:
[ ] Turbine [ ] Jet [ ] ~~Submersible~~ [ ] Cylinder
[ ] Other
Depth to pump bowls, cylinder, jet, etc., 300 ft.

14) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [x] Jetted [ ] Estimated
Yield: 40 gpm with 21 ft. drawdown after ___ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [x] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Depth of strata
Was a chemical analysis made? [ ] Yes [ ] No

FILE ID SEQ # DESC CO
APR 21 1998
COMMENT TEMP

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true and correct to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Services Inc. (Type or print) WELL DRILLER'S LICENSE NO. 4577WI

ADDRESS 10011 Airline Drive (Street or RFD) Houston (City) Texas (State) 77037 (Zip)

(Signed) (Licensed Well Driller) (Signed) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 09-01-93)

TNRCC COPY

Texas Water Development Board
Well Schedule

State Well Number 6513420 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294859 **Longitude** 952841 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
South Texas Tool Co.

Driller
Walker Well Service

Address _____ **Tenant/Oper.** _____

Date Drilled / /1963 **Depth** 50 **Source of Depth** R **Altitude** 78 **Source of Alt.** M

Well Type W **User**

WELL CONSTRUCTION **Const-Method**

Casing Material Blank

Screen Material Blank

Completion

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____**to**_____

LIFT DATA - **Pump Mfr. -** _____ **Type -** JET PUMP **No. Stages** _____

Bowls Diam - _____ **in.** **Setting -** _____ **ft.** **Column Diam. -** _____ **in.**

Motor Mfr. - _____ **Fuel or Power -** ELECTRIC MOTOR **Horsepower -** 0.5

YIELD Flow- _____ **GPM** **Pump** _____ **GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary -** COMMERCIAL **Secondary -** blank **Tertiary -** blank

OTHER DATA AVAILABLE **Water Levels -** N **Quality -** Y **Logs -** **Other Data -**

WATER LEVELS

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency 02

REMARKS -

Aquifer - 112CHCT **ID -** 15

CHICOT.
AQUIFER

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-423

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513423
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.815834
Latitude (degrees minutes seconds)	29° 48' 57" N
Longitude (decimal degrees)	-95.475833
Longitude (degrees minutes seconds)	095° 28' 33" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	77
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	400
Well Depth Source	Driller's Log
Drilling Start Date	
Drilling End Date	10/15/1969
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Industrial
Water Level Observation	None
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Adair Equipment Co.
Driller	Schoppa Water Well Service
Other Data Available	Drillers Log
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	U.S. Geological Survey
Created Date	11/3/1998
Last Update Date	1/6/1999

Remarks	

Casing - No Data

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements

No Data Available

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Dup 5W W.L. # 129

:nd original copy by
:rtified mail to the
:xas Department of Water Resources
O. Box 13087
ustin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-12-5W
Located on map Yoamm
Received:

OWNER Bellewood Subdivision (Name) Address Box 1138 (Street or RFD) Danbury (City) Hstn (State) Tx (Zip) 77058

LOCATION OF WELL: Bellewood Dr (off Wirt Rd)
County Harris _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

:riller must complete the legal description to the right
:th distance and direction from two intersecting sec-
:on or survey lines, or he must locate and identify the
:ell on an official Quarter- or Half-Scale Texas County
:eneral Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☐ See attached map. mapon 65-05-9AAA

TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☐ Industrial ☑ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

WELL LOG:

Date drilled 4/26/84

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	465

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0'	18'	Top Soil & Clay
18'	25'	Surface Sand
25'	140'	Clay
140'	177'	Sand
177'	243'	Clay (Sticky)
243'	277'	Sandy Clay
277'	320'	Sand
320'	367'	Clay
367'	430'	Sand
430'	432'	Clay
432'	470'	Sand
470	483'	

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Galv.	0	445	
2½	N	Galv.	435	445	
2½	N	Stainless Steel Rod Base	445	465	.020
			455	475	
			496		

CEMENTING DATA
Cemented from 0 ft. to 445 ft.
Method used Halliburton
Cemented by Bussell & Son, Inc. (Company or Individual)

9) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

Blind

RECEIVED MAR 11 1985 DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

11) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

ME Craig O. Bussell (Type or Print) Water Well Drillers Registration No. 2035

DRESS P.O. Box 874 (Street or RFD) Tomball (City) Tx (State) 77375 (Zip)

ned) Craig Bussell (Water Well Driller) Bussell & Son, Inc (Company Name)

ise attach electric log, chemical analysis, and other pertinent information, if available.

R-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-705

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513705
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.789722
Latitude (degrees minutes seconds)	29° 47' 23" N
Longitude (decimal degrees)	-95.483055
Longitude (degrees minutes seconds)	095° 28' 59" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCTL - Chicot Aquifer, Lower
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	72
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	323
Well Depth Source	Driller's Log
Drilling Start Date	
Drilling End Date	0/0/1947
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Public Supply
Water Level Observation	None
Water Quality Available	No
Pump	Turbine
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Bellewood Subdivision
Driller	Texas Water Wells
Other Data Available	Drillers Log
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	U.S. Geological Survey
Created Date	1/22/1999
Last Update Date	1/22/1999

Remarks	

Casing - No Data

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements

No Data Available

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

STATE OF TEXAS WELL REPORT for Tracking #204024

Owner:	**James Dorsett**	Owner Well #:	**No Data**
Address:	**1212 Drury Ln. Houston, TX 77055**	Grid #:	**65-13-7**
Well Location:	**1212 Drury Ln. Houston, TX 77055**	Latitude:	**29° 47' 24" N**
		Longitude:	**095° 28' 52" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **12/15/2009** Drilling End Date: **12/16/2009**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**7**	**0**	**42**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Filter Packed**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
Filter Pack Intervals:	**22**	**42**	**Gravel**	**# 12**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**10**	**4**
	10	**22**	**4 Bentonite**

Seal Method: **Pressure**

Sealed By: **Driller**

Distance to Property Line (ft.): **15**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Customer**

Surface Completion: **Surface Sleeve Installed**

Water Level: **17 ft.** below land surface on **2009-12-16** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **Submersible** Pump Depth (ft.): **35**

Well Tests: **Jetted** **Yield: 40 GPM with 5 ft. drawdown after 2 hours**

	Strata Depth (ft.)	Water Type
Water Quality:	**No Data**	**Fresh**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Raymond Services, Inc.**

10011 Airline
Houston, TX 77037

Driller Name: **Zachary Proctor** License Number: **4577**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	5	Top Soil/Sand
5	12	Sand/Clay
12	15	Clay Yellow
15	30	Sand Brown # 6
30	31	Rock
31	35	Sand White # 8
35	36	Rock
36	42	Sand Brown # 8

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
4	New	PVC Casing	0 - 22 SCH 40
4	New	PVC Screen	22 - 42 # 6

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

65-13-90 GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-90
Located on map 10-S
Received: 68
Form GW 8
Form GW 9

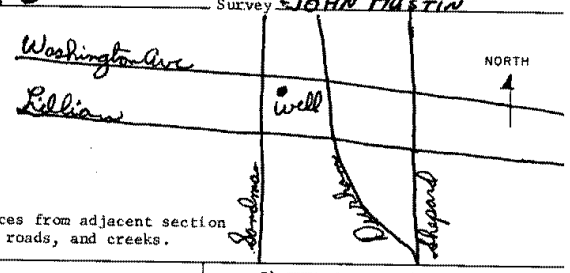
1) OWNER:
Person having well drilled MR. PRUITT (Name) Address (Street or RFD) (City) (State)

Landowner SAME (Name) Address 10315 Brian Dr. (Street or RFD) Houston, Texas (City) (State)

2) LOCATION OF WELL:
County HARRIS Labor ~~League~~ LOT 7 ~~Abstract No.~~ BRUNNER ADDITION

NW¼ NE¼ SW¼ SE¼ of Section Block No. 46 Survey JOHN AUSTIN
(Circle as many as are known)

miles in (NE, SW, etc.) direction from HOUSTON, TEXAS (Town)



Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☒ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☐ Industrial ☒ Municipal ☐
ROBO CAR WASH
Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check):
Rotary ☒ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 4 in. Depth drilled 321 ft. Depth of completed well 321 ft. Date drilled 6-7-68

All measurements made from 1 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	1	Asphalt & Shell
1	30	Clay
30	37	Sand
37	40	Clay
40	50	Sand
50	84	Clay
84	114	Sand
114	145	Clay
145	194	Sand
194	208	Clay
208	224	Sand
224	250	Clay
250	259	Sand
259	263	Clay
263	321	Sand

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall ☒ Gravel packed ☐ Other ☐
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level 153 ft. below land surface Date 6-7-68
Artesian pressure ____ lbs. per square inch Date ____

9) CASING:
Type: old ☐ New ☒ Steel ☒ Plastic ☐ Other ☐
Cemented from 299 ft. to 100 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
2½	321	301	.012

10) SCREEN:
Type PLASTIC ON STEEL PIPE - UNDERBAR
Perforated ☐ Slotted ☐

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size

11) WELL TESTS:
Was a pump test made? ☒ Yes ☐ No If yes by whom?
Almeda Water Well Service
~~Bailer~~ Pump test: 75 gpm with ____ ft. drawdown after ____ hrs
~~Bailer~~ Bailing test 75 gpm with 5 ft. drawdown after 2 hrs
Artesian flow ____ gpm Date 6-7-68
Temperature of water ____
Was a chemical analysis made? ☐ Yes ☒ No
Did any strata contain undesirable water? ☐ Yes ☒ No
Type of water? ____ depth of strata ____

12) PUMP DATA:
Manufacturer's Name RED JACKET
Type SUBMERSIBLE H.P. 5
Designed pumping rate 70 gpm ☒ gph ☐
Type power unit ELECTRIC
Depth to bowls, cylinder, jet, etc., 231 ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN A. PYBURN (Type or Print) Water Well Drillers Registration No. 843

Address 13910 ALMEDA SCHOOL Rd. (Street or RFD) HOUSTON, TEXAS (City) 77047 (State)

(Signed) John A. Pyburn (Water Well Driller) Almeda Water Well Service (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 914 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 13 Longitude - 95 24 39 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston Driller -

Address _____ Tenant/Oper. _____
Date Drilled - / /1917 Depth - 558 ft. Source of Depth - R Altitude - 59 ft. Source of Alt. - M
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) Setting(feet) From To

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas..Rept..Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 01/22/1999

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CHCT
Well No. - 65 13 914

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 915 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 15 Longitude - 95 24 42 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston Driller - Layne Bowler Co.

Address _____ Tenant/Oper. _____
Date Drilled - 11/ /1918 Depth - 1,465 ft. Source of Depth - D Altitude - 59 ft. Source of Alt. - M
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) | Setting(feet) From | To

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 01/22/1999

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 121EVGL
Well No. - 65 13 915

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 501 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 49 47 Longitude - 95 25 11 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Garden Oaks #2

Driller - Layne Texas

Address _____ Tenant/Oper. _____
Date Drilled - / /1945 Depth - 1,100 ft. Source of Depth - Altitude - 82 ft. Source of Alt. - M
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____
Completion - _____
Casing Material - _____
Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) | Setting(feet) From | To

LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 75

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- PUBLIC SUPPLY Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- Y Logs- Other Data-

WATER LEVELS Date- 02/05/1946 Measurement- -102.60
Date- 12/10/1958 Measurement- -214.60

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -
184 ft of screen between 622 and
1081 ft. Reported yield 1065 gpm
with 74 ft drawdown when drilled.

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TDWR use only
Well No. 65-13-8K
Located on map yes
Received: C.F.S.

1) OWNER J.N. Warren (Name) Address 331 W. Frair Tuck (Street or RFD) Houston (City) Texas (State) (Zip)

2) LOCATION OF WELL: County Harris, 8 miles in W (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

[ ] Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

Well is at 331 W. Frair Tuck, ½ mi South of Memorial, 1 mi West of Silber

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) PROPOSED USE (Check): [X] Domestic [ ] Industrial [ ] Public Supply [ ] Irrigation [ ] Test Well [ ] Other _____

5) DRILLING METHOD (Check): [X] Mud Rotary [ ] Air Hammer [ ] Driven [ ] Bored [ ] Air Rotary [ ] Cable Tool [ ] Jetted [ ] Other _____

6) WELL LOG:

Date drilled July 1980

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
	Surface	
6	"	556
8 3/4	"	433

From (ft.)	To (ft.)	Description and color of formation material
0	30	clay & sand
30	80	clay
80	100	sand
100	241	clay
241	296	sand
296	300	clay
300	330	sand
330	354	clay
354	367	sand
367	375	clay
375	382	sand
382	434	clay, rocky
434	454	course sabd
454	524	clay
524	555	course sand
555	556	clay

RECEIVED
MAR 26 1982
C.R. TDWR

7) BOREHOLE COMPLETION: [ ] Open Hole [X] Straight Wall [ ] Underreamed [ ] Gravel Packed [ ] Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
8"OD	N	Steel casing	0	433	20#
4	N	Steel lap pipe	420	434	
4	N	Screen,HS,PB Ribbed	434	454	18 G
4	N	Steel liner	454	525	11#
4	N	SS sreen, HS PB Ribb.	525	555	18 G
4	N	Sleel set nipple	555	556	

CEMENTING DATA
Cemented from 300 ft. to 433 ft.
Method used Pressure method
Cemented by Swinehart Co. (Company or Individual)

9) WATER LEVEL: Static level 258 ft. below land surface Date #3 Aug. 80
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth
Lead seal At 420'

A Jacuzzi 15S6B15-T2 set 380' on 3" pipe & #6 cable.

(Use reverse side if necessary)

11) TYPE PUMP: [ ] Turbin [ ] Jet [X] Submersible [ ] Cylinder [ ] Other _____
Depth to pump bowls, cylinder, jet, etc., 380' ft.

12) WELL TESTS: [ ] Type Test; [X] Pump [ ] Bailer [ ] Jetted [ ] Estimated
Yield: 100 gpm with 16 ft. drawdown after 1 hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? [ ] Yes [X] No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? [X] Yes [ ] No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME B.J. Swinehart (Type or Print) Water Well Drillers Registration No. 229

ADDRESS 7524 N. Freeway (Street or RFD) Houston (City) Texas (State) 77037 (Zip)

(Signed) B.J. Swinehart (Water Well Driller) B.J. Swinehart Co.,Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TDWR-0392

4820107595

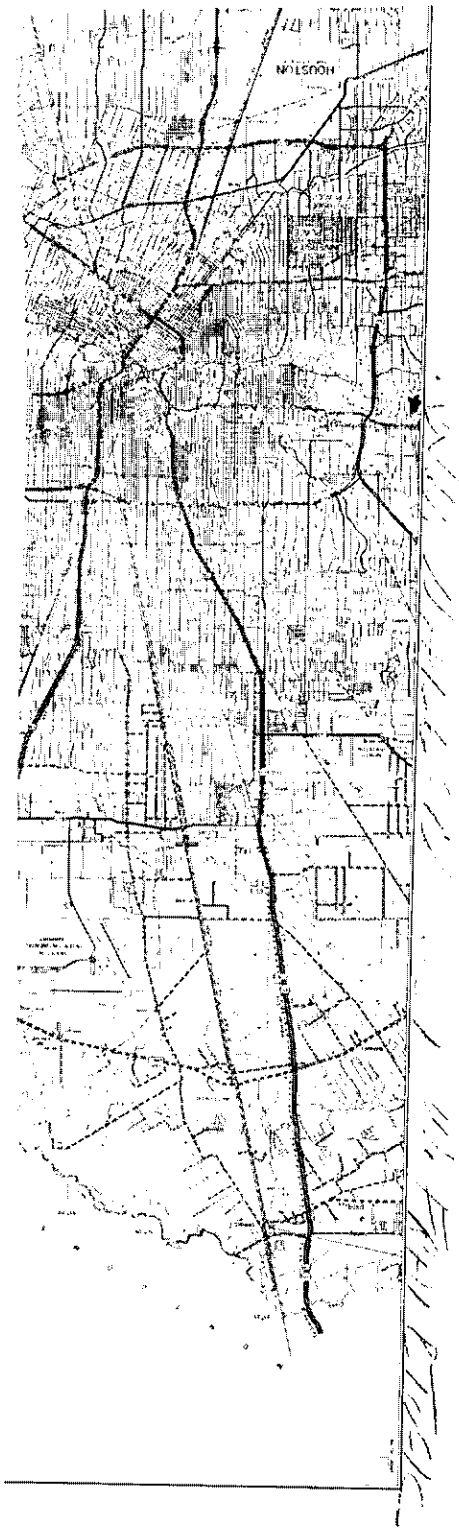
2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area, e.g. survey abstract.

Information furnished in Section 2 of the TDWR-0392 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.



NOV
Dept. of Water

Send original copy by certified mail to: **Texas Water Commission, P.O. Box 13087, Austin, Texas 78711** Km491C,G

Please use black ink (40)

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) **OWNER** Gay Roane (Name) **ADDRESS** 5847 San Felipe #1896 Hstn TX 77057 (Street or RFD) (City) (State) (Zip)

2) **LOCATION OF WELL:** 331 W. Friar Tuck
County Harris _____ miles in _____ (NE, SW, etc.) direction from _____ (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **LEGAL DESCRIPTION:**
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ **SEE ATTACHED MAP** 0160 · 61 · 5

3) **TYPE OF WORK (Check):** ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) **DRILLING METHOD (Check):** ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) **WELL LOG:**
Date Drilling: Started 1-31 1990 Completed 2-9 1990

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
7 7/8	Surface	550

7) **BOREHOLE COMPLETION:** ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft

From (ft.)	To (ft.)	Description and color of formation material
0	8	Top Soil + Clay
8	48	Surface Sand
48	82	Clay
82	98	Sand
98	235	Clay
235	325	Sand
325	356	Clay
356	390	Sand + Clay Streaks
390	405	Sand + Rock
405	425	Clay

(Use reverse side if necessary)

8) **CASING, BLANK PIPE, AND WELL SCREEN DATA:**

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5	N	.338 WALL	0	40'	
3	N	Galv.	509	530	
3	N	PVC	530	540	.014
3	N	PVC	540	550	.016
5	N	Sch. 40	40	520	

9) **CEMENTING DATA** [Rule 287.44(1)]
Cemented from 0 ft. to 13 ft. No. of Sacks Used _____
400 ft. to 550 ft. No. of Sacks Used _____
Method used Halliburton
Cemented by Bussell + Son INC

13) **TYPE PUMP:** ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) **WELL TESTS:** Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) **WATER QUALITY:**
Did the drilling penetrate any strata which contained undesirable constituents? ☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

10) **SURFACE COMPLETION**
☐ Sealed Surface Slab Installed [Rule 287.44(2)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☒ Approved Alternative Procedure Used [Rule 287.71]

11) **WATER LEVEL:**
Static level 286 ft. below land surface Date 2-9-90
Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type R-Packer Depth 509

RECEIVED FEB 27 1990 TEXAS WATER COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Bussell + Son Inc (Type or print) **WELL DRILLER'S LICENSE NO.** 2035

ADDRESS P.O. Box 874 (Street or RFD) Tomball (City) TX (State) 77375 (Zip)

(Signed) Craig Bussell (Licensed Well Driller) (Signed) David Lyons (Registered Driller Trainee)

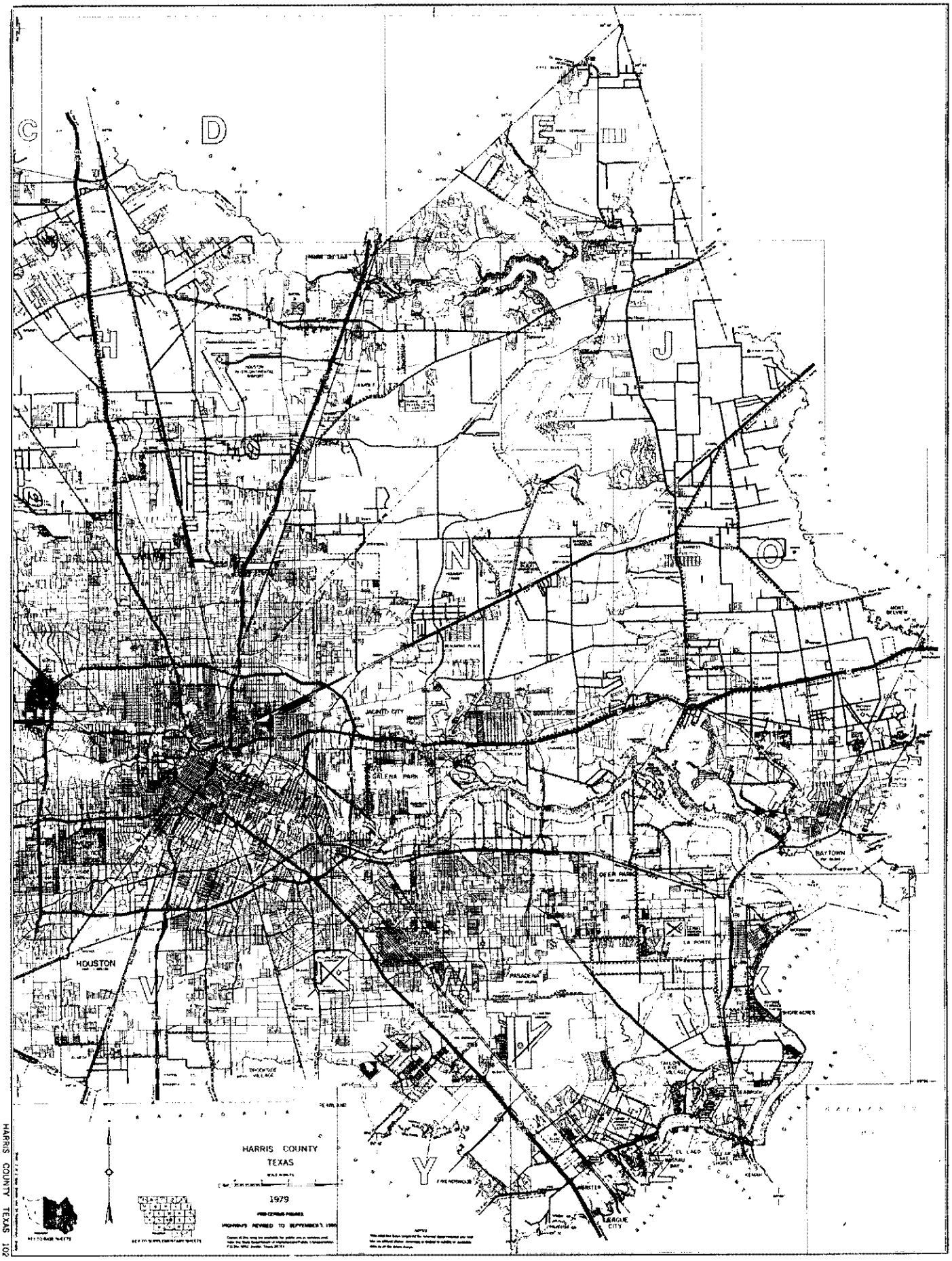
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 65-13-4 Located on map _____

WWD-012 (Rev. 09/21/88)

TEXAS WATER COMMISSION COPY

4820111045


HARRIS COUNTY
TEXAS
1979
HOUSTON
JACINTO CITY
GALENA PARK
DEER PARK
LA PORTE
PASADENA
BAYTOWN
SHOREACRES
EL LAGO
KEMAH
SEABROOK
LEAGUE CITY
FRIENDSWOOD
DICKINSON
SHOREWOOD VILLAGE
PEARLAND
HARRIS COUNTY TEXAS 102

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-729

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513729
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.771667
Latitude (degrees minutes seconds)	29° 46' 18" N
Longitude (decimal degrees)	-95.471667
Longitude (degrees minutes seconds)	095° 28' 18" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCTL - Chicot Aquifer, Lowe
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	50
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	492
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1940
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Turbine
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	W. T. Carter
Driller	McMasters & Pomeroy
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178: Screen from 427 to 467 ft. Yield: 150 gpm with 25 ft. drawdown when drilled.

Casing - No Data

Well Tests - No Data

Lithology - No Data

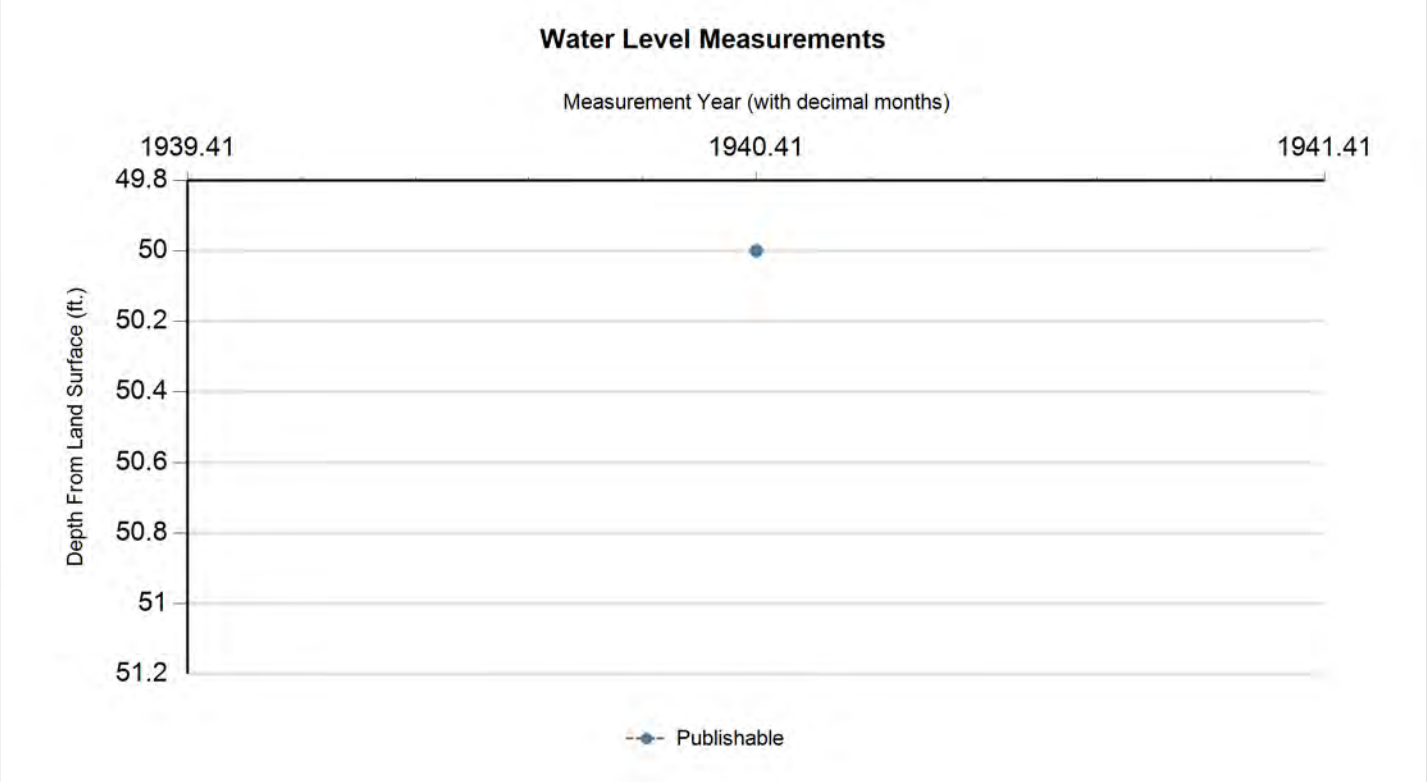
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	4/0/1940		50		0	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
BOBBY EARTHMAN	28 CRESTWOOD DR.	HOUSTON,	TX.	77007

2) WELL LOCATION

County	Physical Address	City	State	Zip
HARRIS	28 CRESTWOOD DR. [redacted]	HOUSTON,	TX.	77007

3) Type of Work ☑ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

Lat. Long. Grid # 65-15-8

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☑ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply FOR RESIDENCE
If Public Supply well, were plans submitted? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 8 / 6 / 01
Completed 8 / 7 / 01

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
8	0	430

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☑ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft)	To (ft)	Description and color of formation material
0	10	Top Soil
10	40	Red Clay
40	80	Red Sand
80	120	White Clay
120	200	Sand
200	260	Clay, Rock
260	320	Shale, Clay
320	400	Clay
400	430	Sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☑ Other 2 String
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
5	N	CASING	406	0	SDR17
2.5	N	LINER	406	400	Sch40
2.5	N	SCREEN	430	406	012

9) Cementing Data
Cementing from 406 ft. to 0 ft. # of sacks used 26
0 ft. to 15 ft. # of sacks used 12
Method Used Halliburton
Cementing By Rico
Distance to septic system field or other concentrated contamination 0 ft.
Method of verification of above distance

13) Plugged ☑ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used
0	460	460	0	20

10) Surface Completion
☐ Specified Surface Slab Installed
☑ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

Procedure	AMOUNT

RECEIVED TDLR MAIL ROOM CB NOV 09 2001

14) Type Pump
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc., 357 ft.

11) Water Level
Static level 180 ft. below Date 8 / 7 / 01
Artesian Flow gpm. Date / /

15) Water Test
Typetest ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

12) Packers Type K Depth 400

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☑ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made ☐ Yes ☑ No

DAVID HELMS

Company or individual's Name (type or print)	ROBINSON WATER WELL SERVICE, INC.	Lic. No. 54211 PKW
Address 11819 W. MONTGOMERY RD.	City HOUSTON,	State TX. Zip 77086

Signature Licensed Driller/Pump Installer	Date	Signature Apprentice	Date
David Helms for	9 / 13 / 01		/ /

TDLR FORM b001WWD *White - TDLR* *Yellow - Owner* *Pink - Driller/Pump Installer*

4M

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

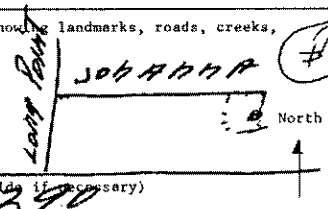
For TWDB use only
Well No. 65-13-411
Located on map
Received:

1) OWNER:
Person having well drilled O. A. FRITSCHE (Name) Address 1928 JOHANNA (Street or RFD) HOUSTON (City) TEXAS (State)

Landowner " " (Name) Address " " (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS, 10 miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*



(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well ✓ Deepening; Reconditioning; Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial; Municipal; Irrigation; Test Well; Other

5) TYPE OF WELL (Check): Rotary ✓ Driven; Dug; Cable; Jetted; Bored

6) WELL LOG:
Diameter of hole 3 7/8 in. Depth drilled 51 ft. Depth of completed well 51 ft. Date drilled 8-12-74

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOP SOIL
2	32	GRAY CLAY
32	51	SAND

(Use reverse side if necessary)

9) Casing:
Type: Old; New ✓ Steel; Plastic ✓ Other

Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
2	0	43	SCH 40

10) SCREEN:
Type PLASTIC

Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2	43	51	8

7) COMPLETION (Check):
Straight wall ✓ Gravel packed; Other; Under reamed; Open Hole

8) WATER LEVEL:
Static level 18 ft. below land surface Date 8-12-74

Artesian pressure _____ lbs. per square inch Date _____

Depth to pump bowls, cylinder, jet, etc. 30 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes ✓ No If yes, by whom?

Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.

Artesian flow _____ gpm

Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓

Did any strata contain undesirable water? Yes No

Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B. LUMPKIN, JR (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 7507 JANAN DR. (Street or RFD) HOUSTON (City) TEXAS (State)

(Signed) John B Lumpkin Jr (Water Well Driller) LONG POINT WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDB-WD-8

4820111050

65-12-6J

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

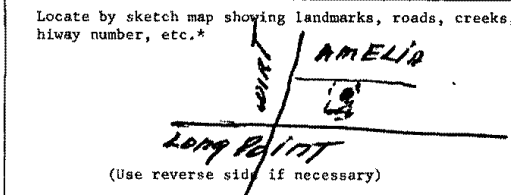
For TWDB use only
Well No. 65-12-6J
Located on map yes
Received: 74
dl

1) OWNER:
Person having well drilled ADELE WICHMANN (Name) Address 7819 AMELIA (Street or RFD) HOUSTON (City) TEXAS (State)

Landowner ADELE WICHMANN (Name) Address " (Street or RFD) " (City) (State)

2) LOCATION OF WELL:
County HARRIS, 16 miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*



(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic ✓ Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 3 7/8 in. Depth drilled 42 ft. Depth of completed well 41 ft. Date drilled 2-10-74

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOPSOIL
2	25	GRAY CLAY
25	42	SAND

(Use reverse side if necessary)

9) Casing:
Type: Old ✓ Steel Plastic Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
2	0	33	SCH 40

10) SCREEN:
Type PLASTIC
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2	33	41	8

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 8 ft. below land surface Date 2-10-74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 21 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No.
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B LUMPKIN, JR (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 7507 JANAK DR. (Street or RFD) HOUSTON (City) TEXAS (State)

(Signed) John B Lumpkin Jr (Water Well Driller) LONG POINT WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-732

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513732
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.767778
Latitude (degrees minutes seconds)	29° 46' 04" N
Longitude (decimal degrees)	-95.467778
Longitude (degrees minutes seconds)	095° 28' 04" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	121EVGL - Evangeline Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	50
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	1996
Well Depth Source	Unknown
Drilling Start Date	
Drilling End Date	0/0/1934
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Plugged or Destroyed
Water Level Observation	Miscellaneous Measurements
Water Quality Available	Yes
Pump	None
Pump Depth (feet below land surface)	
Power Type	
Annular Seal Method	
Surface Completion	
Owner	R.H. Goodrich
Driller	A.E. Fawcett, Sr
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	
Created Date	5/13/1999
Last Update Date	5/13/1999

Remarks	51 ft of screen between 1825 and 1996 ft. Reported flow 20 gpm when drilled. Well destroyed. Well 3.

Casing - No Data

Well Tests - No Data

Lithology - No Data

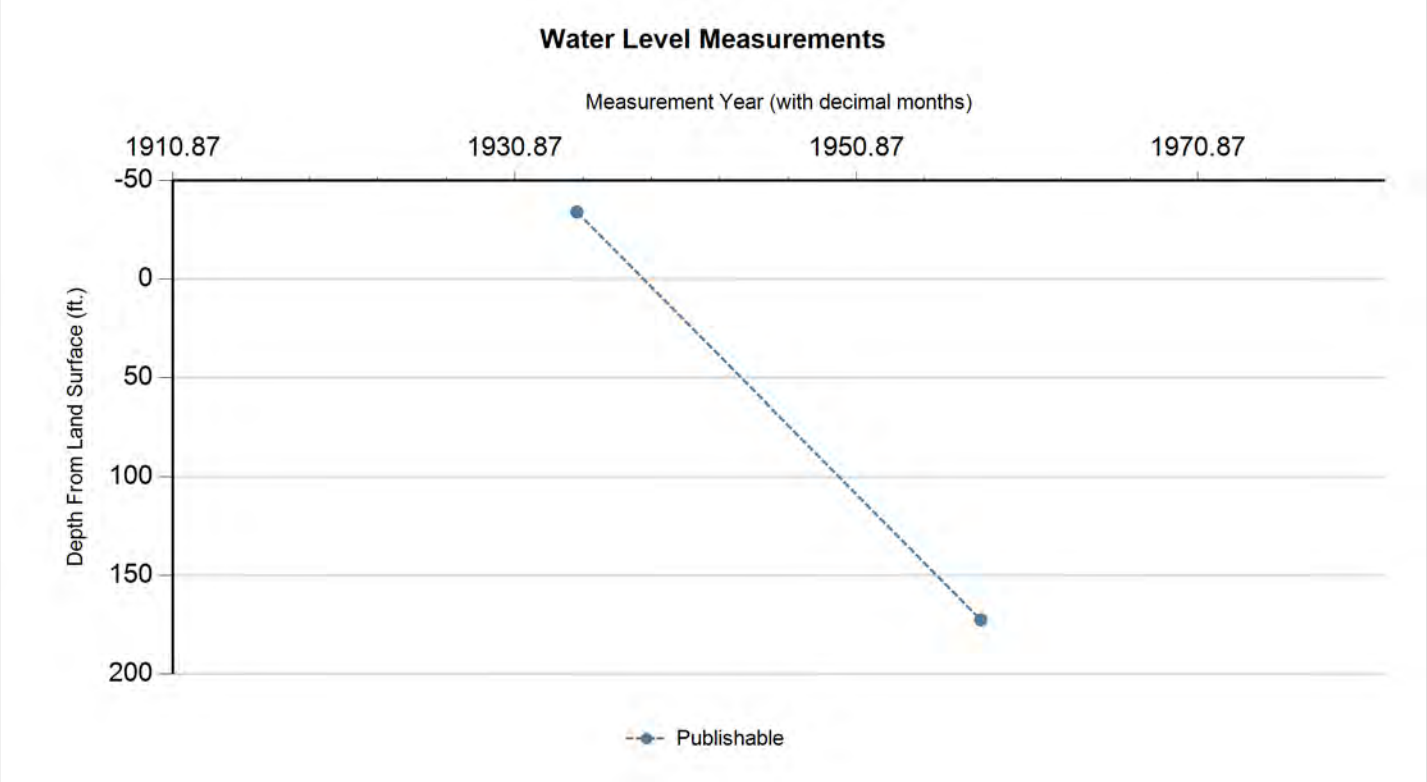
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	7/8/1934		-34		84	1	Registered Water Well Driller	Pressure Gage		
P	2/27/1958		172.5	206.50	-122.5	1	Texas Water Development Board	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis

Sample Date: 10/14/1941 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:**

Sampled Aquifer: Evangeline Aquifer

Analyzed Lab: **Reliability:** Reliability unknown or not available

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		369.67	mg/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		451	mg/L	
00910	CALCIUM (MG/L)		4	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		106	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		1.7	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		28	mg/L	
00920	MAGNESIUM (MG/L)		5	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)		20	mg/L	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		6.78		
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		18.02		
00932	SODIUM, CALCULATED, PERCENT		94	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)		229	mg/L	
00945	SULFATE, TOTAL (MG/L AS SO4)		2	mg/L	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		589	mg/L	

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

452 -

14

Please use black ink.
Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Bill Montgomery (Name) Address 1306 Sue Barnett (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: 1306 Sue Barnett
County Harris miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ See attached map.

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 3-20 1989 Completed 3-24 1989

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	425

7) BOREHOLE COMPLETION:
☐ Open Hole ☑ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0'	8'	Topsoil + Clay
8'	16'	Surface Sand
16'	40'	Clay
40'	55'	Sand
55'	114'	Clay
114'	130'	Sand
130'	142'	Clay
142'	160'	Sand
160'	182'	Clay
182'	211'	Sand
211'	225'	Clay
225'	275'	Sand
275'	300'	Clay
300'	310'	Sand
310'	345'	Clay
345'	365'	Sand
365'	405'	Clay

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4"	N	galvanized	0'	399'	
2"	N	galvanized	399'	405'	
2"	N	SSRB	405'	425'	.014
2"	N	SSRB	405'	425'	.016

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0' ft. to 15' ft. No. of Sacks Used _____
355 ft. to 405 ft. No. of Sacks Used _____
Method used Haliburton
Cemented by Bussell & Son, Inc

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☑ Approved Alternative Procedure Used [Rule 319.71]

4820124960

Kit p. 452

WL #60 ✓

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-13-2P
Located on map YES
Received: RWB

1) OWNER L. H. Shipley (Name) Address 1310 Sue Barnett (Street or RFD) Hou. (City) Tex (State) 77018 (Zip)

2) LOCATION OF WELL: Harden Oaks
County Harris 11 miles in N (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☑ See attached map. ON 65-[redacted]14-9D

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 1/5/81

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	275

From (ft.)	To (ft.)	Description and color of formation material
0	80	Top Soil + S. Sand
80	100	Red Clay
100	170	Sand
170	190	Clay
190	240	Sand
240	260	Clay
260	275	Sand (Production)

(Use reverse side if necessary)

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Steel	0	263	
2½	N	Stainless Steel	265	275	.014

CEMENTING DATA
Cemented from 213 ft. to 263 ft.
Method used Haliburton
Cemented by Bussell & Son, Inc. (Company or Individual)

9) WATER LEVEL:
Static level 175 ft. below land surface Date 1/6/81
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 254 ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 33 gpm with 40 ft. drawdown after 2 hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

RECEIVED AUG 24 1982 CR/TDWR

NAME Craig O. Bussell (Type or Print) Water Well Drillers Registration No. [redacted] # 2035

ADDRESS 9435 N. Houston-Rosslyn (Street or RFD) Hou (City) Tex (State) 77088 (Zip)

(Signed) Craig Bussell (Water Well Driller) Bussell & Son, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

STATE OF TEXAS WELL REPORT for Tracking #196606

Owner:	**Galvin Kennedy**	Owner Well #:	**No Data**
Address:	**575 Sue Barnett Dr. Houston, TX 77018**	Grid #:	**65-13-6**
Well Location:	**575 Sue Barnett Dr. Houston, TX 77018**	Latitude:	**29° 49' 33" N**
		Longitude:	**095° 24' 55" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/2/2009** Drilling End Date: **10/2/2009**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**5.5**	**0**	**57**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Filter Packed**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
Filter Pack Intervals:	**47**	**57**	**Gravel**	**# 12**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**10**	**3**
	10	**47**	**6 Bentonite**

Seal Method: **Pressure**

Sealed By: **Driller**

Distance to Property Line (ft.): **8**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Customer**

Surface Completion: **Surface Sleeve Installed**

Water Level: **8 ft.** below land surface on **2009-10-02** Measurement Method: **Unknown**

Packers: **None**

Type of Pump: **Jet** Pump Depth (ft.): **20**

Well Tests: **Jetted** **Yield: 15 GPM with 10 ft. drawdown after 2 hours**

	Strata Depth (ft.)	Water Type
Water Quality:	**No Data**	**Fresh**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Raymond Services, Inc.**

10011 Airline
Houston, TX 77037

Driller Name: **Zachary Proctor** License Number: **4577**

Apprentice Name: **None**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**Top Soil**
3	**7**	**Clay**
7	**20**	**Sand / Clay**
20	**57**	**Sand # 8 Brwon**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
2	**New**	**PVC Casing**	**0 - 47 SCH 40**
2	**New**	**PVC Screen**	**47 - 57 # 6**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-602

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by McAdoo Naftel & Gordon 1961 — Source of data File — Date 2-15-68 — Map 1:24000 Houston Heights 1955

State: Texas [48] — County (or town): Harris [LJ]

Latitude: 29 49 13 N (deg min sec) — Longitude: 095 24 18 (degrees min sec) — Sequential number: [1]

Lat-long accuracy: [1] — T. ___ N S, R ___ W E, Sec ___, ___ k, ___ k, ___ k

Local well number: LJ-65-13-602 — Other number: B & H # 9

Local use: — Owner or name: City of Houston

Owner or name: CITY OF HOUSTON — Address: Heights Plant

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) Agency, (U) Water Dist — [M]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mnd, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — [P]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed — [W]

DATA AVAILABLE: Well data [1] — Freq. W/L meas.: Annual 1949 [S] — Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 9-10-49 [Ø] — Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: E-log (0-2498) T-10 [E]

WELL-DESCRIPTION CARD

[SAME AS ON MASTER CARD] — Depth well: 1730 ft [1730] — Meas. (rep) Driller — accuracy [3]

Depth cased (first perf.): 610 ft [610] — Casing type: S; Diam. 24-12 in [24]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other — [G]

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other — [H]

Date Drilled: 4-18-49 [949] — Pump intake setting: ft

Driller: Texas Water Wells Inc. (name) Houston, Texas (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other — [T] — Deep / Shallow — [D]

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 200 — [W] — Trans. or meter no.

Descrip. MP: Top of agitator pipe + ? ft above/below LSD. Alt. MP

Alt. LSD: 70 [70] — Accuracy (source): Topo 5' — [3]

Water Level: 137.97 ft above/below MP; Ft above/below LSD [138] — Accuracy: Meas — [A]

Date meas: 9-6-49 [949] — Yield: 2520 gpm [2520] — Method determined [4]

Drawdown: 56 ft [56] — Accuracy: meas [D] — Pumping period 76 hrs [96]

QUALITY OF WATER DATA: Iron ppm — Sulfate ppm — Chloride ppm — Hard. ppm

Sp. Conduct K x 10^6 — Temp. °F — Date sampled

Taste, color, etc.

P/L 174 135/56

Well No. LJ-65-13-602

Well No. 6J-65-13-602

Latitude-longitude 29 (d), 49 (m), 13 (s) N 095 (d), 24 (m), 18.1 (s) W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: Coastal Plain [03] (20–21) Section: _____

[F] (22) Drainage Basin: _____ [51 19] (23–25) Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (S) offshore, (P) pediment, (B) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series [T] (28–29) _____ aquifer, formation, group [E] (30–31)

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: 415 ft [415] (38–40) Depth to top of: _____ ft (41–43)

MINOR AQUIFER: _____ system, _____ series (44–45) _____ aquifer, formation, group (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: * 610 – 1710

Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

Coefficient Trans: ✓ _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: ✓ _____ gpd/ft^2; Spec cap: ✓ _____ gpm/ft; Number of geologic cards: _____ (79)

* Screen

610 – 640	30
660 – 700	40
795 – 825	30
920 – 970	50
980 – 1050	70
1060 – 1075	15
1130 – 1150	20
1215 – 1235	20
1250 – 1280	30
1340 – 1355	15
1400 – 1425	25
1545 – 1590	45
1685 – 1710.	25

Csg.

24"	0 – 590
12"	488 – 1730

Drill Stem test

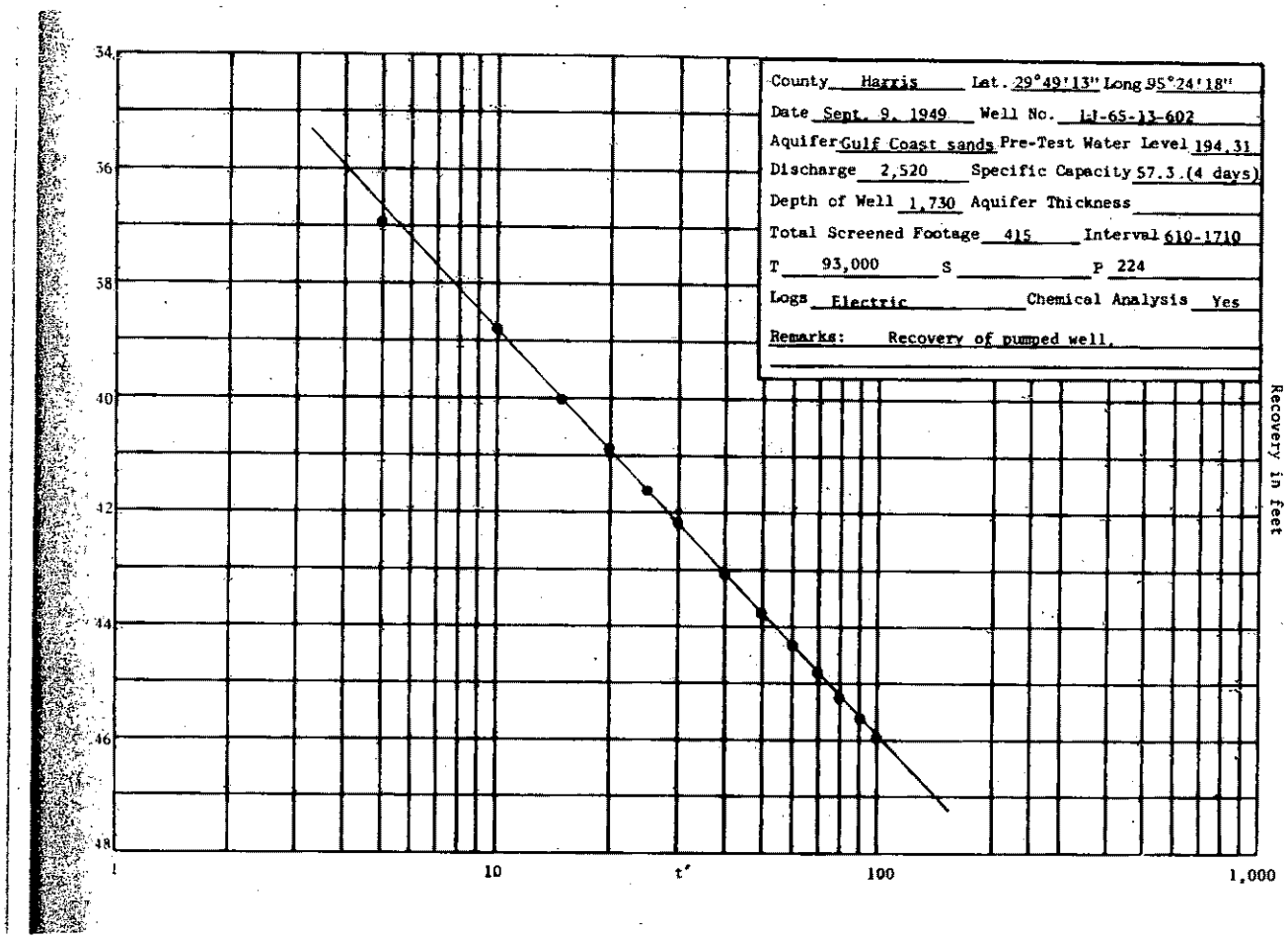
from:

2290 – 2320' – Cl – 191 ppm

1680 – 1720' – Cl – 120 ppm

Well No. 6J-65-13-602

GPO 857-700


County Harris Lat. 29°49'13" Long 95°24'18"
Date Sept. 9, 1949 Well No. LJ-65-13-602
Aquifer Gulf Coast sands Pre-Test Water Level 194.31
Discharge 2,520 Specific Capacity 57.3 (4 days)
Depth of Well 1,730 Aquifer Thickness
Total Screened Footage 415 Interval 610-1710
T 93,000 S P 224
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
34
36
38
40
42
44
46
48
1
10
t'
100
1,000
Recovery in feet

TEXAS DEPARTMENT OF WATER RESOURCES

WELL SCHEDULE

Aquifer(s) Lower Chicot Project No. _____ State Well No. 65-13-622

_____ Field No./Owner's Well No. _____ County HARRIS

1. Location: ___ ¼, ___ ¼, Section ___, Block ___, Survey _____, Lat. _____, Long. _____

2. Owner: Pine Forest Country Club Address: _____

Tenant (other): _____ Address: _____

Driller: Layne Texas Address: _____

3. Land Surface Elevation: 72 ft. above msl determined by _____

4. Drilled: _____ 19 63 ; Dug, Cable Tool, Rotary, Air, _____

5. Depth: Rept. 441 ft. Meas. _____ ft.

6. Borehole Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed

7. Pump: Mfr. _____ Type T

No. Stages _____, Bowls Diam. ___ in., Setting _____ ft.

Column Diam. _____ in., Length Tailpipe _____ ft.

8. Motor: Mfr. _____ Fuel E HP. 25

9. Yield: Flow ___ gpm, Pump ___ gpm, Meas., Rept., Est. ___ Date ___

10. Performance Test: Date 9/2/63 Length of Test ___ Made by L-T

Static Level 185 ft. Pumping Level 202 ft. Drawdown 17 ft.

Production 307 gpm Specific Capacity _____ gpm/ft.

11. Quality: (Remarks on taste, odor, color, etc.) _____

Analyses

Date _____ Laboratory _____ TDS ___ Sp Cond ___

Date _____ Laboratory _____ TDS ___ Sp Cond ___

12. Other data available (as circled): Pumping Test, Power & Yield Test, Drillers Log, Formation Samples, Geophysical Log(s) _____ (type)

CASING, BLANK PIPE & WELL SCREEN Cemented From ___ ft. to ___ ft.			
Diam. (in.)	Type	Setting (feet) from	to
18		0	441

13. Water Level(s): _____ ft. rept. meas. _____ 19 ___ above below _____ which is ___ ft. above below Land Surface

_____ ft. rept. meas. _____ 19 ___ above below _____ which is ___ ft. above below Land Surface

14. Use: Dom., Stock, Public Supply, Ind., Irr., Observation, Other (Test Hole, Oil Test, etc.) _____

15. Recorded by: _____ Source of data: _____ Date: _____

16. Remarks: _____

— plugged in 1978 —

17. Location or Sketch:

TDWR-0308

W/L Obs. Well ___ W/Q Obs. Well ___

State Well No. 65-13-622

FORM NO. 86

65-13-9k

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

WELL LOG

REPORT NO. 6462
S. O. 2428-63
PAGE 1 OF 1
FILE NO. 2812
DATE 9-9-63

CUSTOMER LOCATION	WELL DATA
FOR PINE FOREST COUNTRY CLUB	NAME WELL — WELL NO. 1
LOCATION WELL ADJACENT TO GREEN #16, NEAR ~~LAKE~~ Golf Lake	ELEVATION — DATUM
Near Sears Site ~~HOUSTON~~ on North Shepherd — Houston	RT — C — GR
SURVEY — FIELD	TEST HOLE SIZE 6-3/4" TO 441'
	DATE STARTED DRILLING 8-21-63
	DATE FINISHED DRILLING 8-22-63
COUNTY HARRIS — STATE TEXAS	DRILLER C.C. BRYANT — RIG NO. 53
	TYPE MUD — NO. SACKS
OTHER LAND MARKS	ELECTRIC LOG YES — TYPE WIDCO
	SURVEY — TYPE
	OTHER

65-13-9k

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
0		SURFACE			
1	1	SURFACE SOIL			
10	9	SANDY CLAY			
40	30	CLAY			
50	10	CLAY, FEW GRAVEL STREAKS			
104	54	CLAY			
114	10	SANDY CLAY			
161	47	CLAY & SAND BREAKS			
184	23	SANDY CLAY			
254	70	CLAY & SAND BREAKS			
300	46	SAND & STREAKS OF CLAY			
347	47	CLAY & SAND BREAKS			
370	23	SANDY CLAY			
394	24	SAND & GRAVEL			
415	21	SAND & CLAY STREAKS			
417	2	SANDY CLAY			
419	2	ROCK			
441	22	SANDY CLAY & HARD LAYERS			

TOTAL DEPTH 441 FT.

65-13-9k

65-13-622

FORM NO 1202

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

MATERIAL SETTING

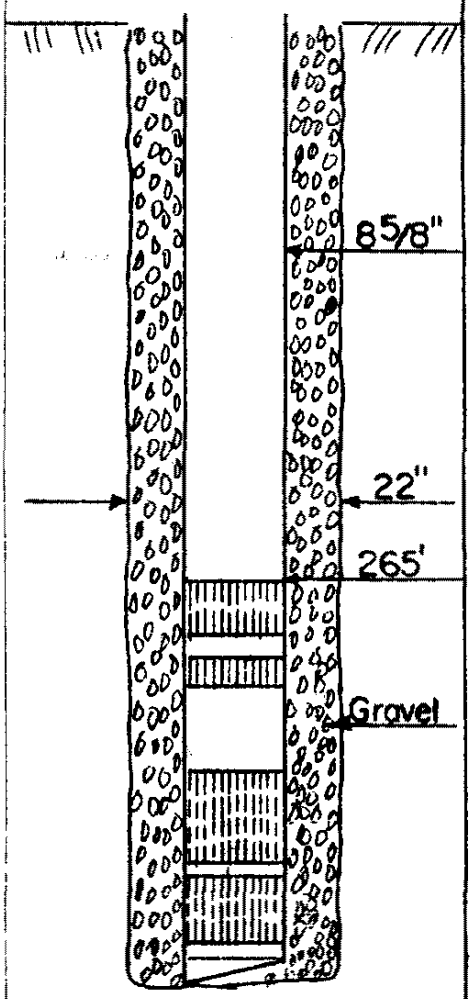
REPORT NO. 6463
S. O. 2428-63
PAGE 1 OF 1
FILE NO. 2812
DATE 9-9-63

CUSTOMER LOCATION	WELL DATA
FOR PINE FOREST COUNTRY CLUB	NAME WELL WELL NO. 1
LOCATION WELL ADJACENT TO GREEN #16	ELEVATION DATUM
SURVEY FIELD	TYPE WELL GRAVEL-WALL
COUNTY HARRIS STATE TEXAS	SURFACE CASING CEMENTED No NO. SACKS
OTHER LAND MARKS NEAR LAKE	SIZE HOLE REAMED 22" DEPTH 442'
	GRAVEL TYPE 112,13,165 NO. CU. YDS. 50
	TYPE SCREEN TORCH SLOTTED GAGE
	DRILLER C.M. BRYANT RIG NO. 53
	OTHER C.W. BULLER

DEPTH	LENGTH	SIZE, KIND, WEIGHT MATERIAL
+2'		8-5/8" O.D. CASING 2' ABOVE GROUND
265'	267'	8-5/8" O.D. CASING
290'	25'	8-5/8" O.D. TORCH SLOTTED PIPE
300'	10'	8-5/8" O.D. BLANK
310'	10'	8-5/8" O.D. TORCH SLOTTED PIPE
350'	40'	8-5/8" O.D. BLANK PIPE
400'	50'	8-5/8" O.D. TORCH SLOTTED PIPE
405'	5'	8-5/8" O.D. BLANK PIPE
436'	31'	8-5/8" O.D. TORCH SLOTTED PIPE
440'	4'	8-5/8" O.D. BLANK PIPE
442'	2'	8-5/8" O.D. SET NIPPLE & B.P.V.

TOTAL DEPTH 442 FT.

SKETCH



Attach: 2 pages 1 log 65-13-9b

65-13-9B
65-13-622

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

WATER WELL TEST

REPORT NO. 6464
S. O 2428-63
PAGE 1 OF 1
FILE NO. 2812
DATE 9-9-63

CUSTOMER LOCATION

TEST FOR PINE FOREST COUNTRY CLUB

LOCATION OF WELL ADJACENT TO #16 GREEN

SURVEY FIELD

COUNTY HARRIS STATE TEXAS

DESCRIPTION OF LAND MARKS NEAR LAKE

WELL DATA

NAME WELL WELL NO 1

ELEVATION DATUM

WELL SIZE x 8-5/8" x22" REAMED

TOTAL DEPTH 442' TOP SCREEN 265'

GRAVEL WELL YES STRAIGHT WELL

TYPE SCREEN TORCH SLOTTED GAGE

TEMPERATURE OF WATER

WATER CONDITION CLEAR

WATER MEASURING DEVICE

ORIFICE SIZE 6"x4" LENGTH 4'

OTHER

TEST PUMP DATA

DEPTH SETTING TOP OF BOWL 290'

LENGTH AIR LINE 290' SIZE 1/4"

TYPE BOWL RKLC 8" NO. STAGES 7

LENGTH BOWL 5' SUCTION LT. 0

SAND CONTENT 0 OZ. PER 100 GAL

ACTIVE STATIC HEAD AFTER PUMP STOPPED

5 MIN. 188 FT. 20 MIN. 188 FT.

10 MIN. 188 FT. 25 MIN. 188 FT.

15 MIN. 188 FT. 30 MIN 188 FT.

S.L. BEFORE START 185 FT.

WATER SAMPLE TAKEN NO NO SAMPLES

BACTERIOLOGICAL SAMPLE TAKEN

DRAWDOWN SPECIFIC CAPACITY

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH. PRESS.	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
9-2-63	STARTED TEST AT 7:30 A.M.							
8:00	90	200	0	22	299			
9:00	89	201		22	299			
10:00	88	202		23.5	307			
11:00	88	202		23.5	307			
12:00 N	88	202		23.5	307			
1:00 PM	88	202		23.5	307			
2:00	88	202		23.5	307			
3:00	88	202		23.5	307			

OBSERVERS

FOR OWNER

C. W. BULLER
FOR LAYNE TEXAS CO.

65-13-96

FORM NO. 25 -

65-622

FORM NO. 1202

LAYNE TEXAS COMPANY
HOUSTON -:- DALLAS

MATERIAL SETTING

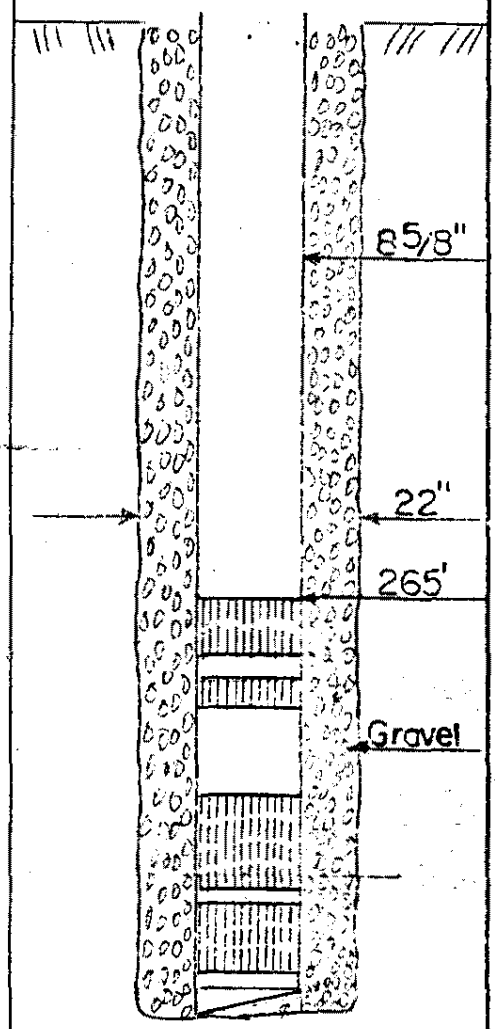
REPORT NO. 6463
S. O. 2428-63
PAGE 1 OF 1
FILE NO. 2812
DATE 9-9-63

CUSTOMER LOCATION	WELL DATA
FOR PINE FOREST COUNTRY CLUB	NAME WELL WELL NO. 1
LOCATION WELL ADJACENT TO GREEN #16	ELEVATION DATUM
SURVEY FIELD	TYPE WELL GRAVEL-WALL
COUNTY HARRIS STATE TEXAS	SURFACE CASING CEMENTED NO NO. SACKS
OTHER LAND MARKS NEAR LAKE	SIZE HOLE ~~UNDERREAMED~~ 22" DEPTH 442'
	GRAVEL TYPE 112,13,165 NO. CU. YDS. 50
	TYPE SCREEN TORCH SLOTTED GAGE
	DRILLER C.M. BRYANT RIG NO. 53
	OTHER C.W. BULLER

DEPTH	LENGTH	SIZE, KIND, WEIGHT MATERIAL
+2'		8-5/8" O.D. CASING 2' ABOVE GROUND
265'	267'	8-5/8" O.D. CASING
290'	25'	8-5/8" O.D. TORCH SLOTTED PIPE
300'	10'	8-5/8" O.D. BLANK
310'	10'	8-5/8" O.D. TORCH SLOTTED PIPE
350'	40'	8-5/8" O.D. BLANK PIPE
400'	50'	8-5/8" O.D. TORCH SLOTTED PIPE
405'	5'	8-5/8" O.D. BLANK PIPE
436'	31'	8-5/8" O.D. TORCH SLOTTED PIPE
440'	4'	8-5/8" O.D. BLANK PIPE
442'	2'	8-5/8" O.D. SET NIPPLE & B.P.V.

TOTAL DEPTH 442 FT.

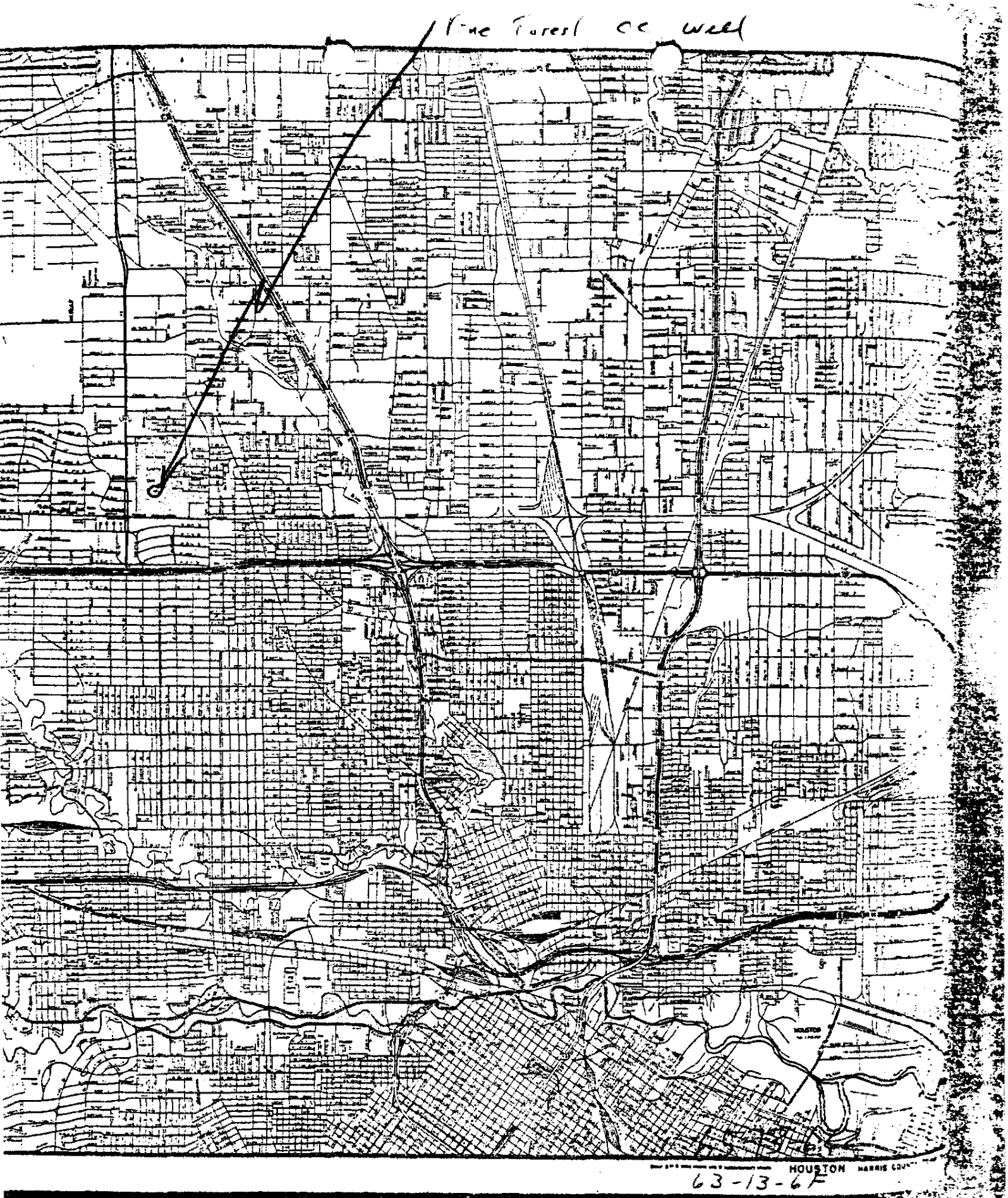
SKETCH



TD 442'

65-13-622

63-13-6F



63-13-6F

Send original copy by certified mail to: **Texas Water Commission, P.O. Box 13087, Austin, TX 78711-3087** KM4911L 20 *Please use black ink.*

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, TX 78711-3087
512-371-6299

1) **OWNER** MRS. JANE OWEN (Name) **ADDRESS** 4615 SOUTHWINS + FREEWAY BLDG. HOUSTON TX 77027 (Street or RFD) (City) (State) (Zip)

2) **LOCATION OF WELL:** 300 PINEWOLD
County HARRIS _____ miles in _____ (NE, SW, etc.) direction from _____ (Town)

Driller **must** complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **LEGAL DESCRIPTION:**
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☑ **SEE ATTACHED MAP** 60.59.1

3) **TYPE OF WORK (Check):** ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) **DRILLING METHOD (Check):** ☐ Driven ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) **WELL LOG:**
Date Drilling: Started 11-4 19 93 Completed 11-8 19 93

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
7 7/8	Surface	440
4 3/4	440	460

7) **BOREHOLE COMPLETION:** ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	18	TOP SOIL + CLAY
18	33	SURFACE SAND
33	65	CLAY
65	115	SAND
115	150	CLAY
150	182	SAND
182	196	CLAY
196	215	SAND
215	265	CLAY
265	318	SAND + ROCK

(Use reverse side if necessary)

8) **CASING, BLANK PIPE, AND WELL SCREEN DATA:**

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5	N	SDR17	0	440	
2	N	GALVANIZED	433	440	
3	N	SSRB	440	460	0.14
3	N	SSRB	450	460	0.16

9) **CEMENTING DATA** [Rule 287.44(1)]
Cemented from 0 ft. to 440 ft. No. of Sacks Used 35
ft. to _____ ft. No. of Sacks Used _____
Method used HALLIBURTON / TRIMMER
Cemented by BUSSELL & SON INC.

10) **SURFACE COMPLETION**
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) **WATER LEVEL:**
Static level 2.35 ft. below land surface Date 11-8-93
Artesian flow _____ gpm. Date _____

12) **PACKERS:**

	Type	Depth
3x5	K-PACKER	433

13) **TYPE PUMP:** ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) **WELL TESTS:** Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 25 gpm with _____ ft. drawdown after _____ hrs.

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME BUSSELL & SON INC. (Type or print) **WELL DRILLER'S LICENSE NO.** 2035

ADDRESS P O BOX 874 (Street or RFD) TOMBALL (City) TX (State) 77377-0874 (Zip)

(Signed) Craig Bussell (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 20 Located on map 65-13-7

TWC-0199 (Rev. 05-18-90) TEXAS WATER COMMISSION COPY

482010 7556

ATTENTION OWNER: Confidentiality
Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: TUCKER, BRAD ADDRESS: 301 SAGE #3 CITY: HOUSTON STATE: TX ZIP: 77009-

2) ADDRESS OF WELL:
County: HARRIS STATE WELL#
Street or RFD: 301 SAGE #3
City, State, Zip code: HOUSTON , TX 77009-

5)

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: IRRIGATION
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 00032

DATE DRILLING:
STARTED: 12/07/95
COMPLETED: 04/01/96

DIAMETER OF HOLE

DIAMETER	FROM	TO
7.75	0	408
4.75	408	433

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: TWO-STRING
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

65-13-7 N^

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0"	N	PVC WELL CASING	+2	408	SDR.17
2.5"	N	PVC BLANK PIPE	404	411	SCH.80
2.5"	N	STAINLESS ROD BASE	411	421	8 GA.
2.5"	N	PVC BLANK PIPE	421	422	SCH.80
2.5"	N	STAINLESS ROD BASE	422	432	10 GA.
2.5"	N	PVC BLANK PIPE	432	433	SCH.80

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	20	BLACK TOPSOIL, WHITE CLAY
20	60	RED CLAY ROCK CLAY ROCK CLAY
60	80	CLAY ROCK SAND
80	120	SAND ROCK,SAND,ROCK,SAND ROCK
120	140	CLAY
140	160	SANDY CLAY
160	180	SAND ROCK SAND
180	260	SAND CLAY SAND
260	280	SAND
280	300	SAND CLAY SAND
300	320	SAND
320	400	SAND SHALE SAND
400	420	SHALE ROCK COARSE SAND
420	433	COARSE SAND

9) CEMENTING DATA:

Cemented from		No. of Sacks Used
408 FT.	TO 208 FT.	20
80 FT.	TO 1 FT.	16

Method used: HALLIBURTON METHOD
Cemented by: GDI
Distance to septic field lines: ft.
Method of verification of above distance:
CITY SEWER

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 210 FT. DATE: 12/08/95
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
BP SEAL	404

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 300

14) WELL TEST:
JETTED
YIELD: 85 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: EXCELLENT DEPTH OF STRATA: 30 FT. OF SAND NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: GEOPHYSICAL DRILLING,INC. WATER WELL DRILLER'S LICENSE NO.: 4898WPK
ADDRESS: P.O. BOX 664 CITY: FULSHEAR STATE: TX ZIP CODE: 77441

Don Hill 346-1155

FOR TWC USE ONLY
WELL NO.
LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Jimmy D. Briney (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

4820107574

STATE OF TEXAS WELL REPORT for Tracking #166657

Owner:	**Neil Leibman**	Owner Well #:	**No Data**
Address:	**515 Friartuck Houston, TX 77024**	Grid #:	**65-13-7**
Well Location:	**515 Friartuck Houston, TX 77024**	Latitude:	**29° 46' 00" N**
		Longitude:	**095° 28' 00" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **6/12/2008** Drilling End Date: **6/13/2008**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**6.75**	**0**	**425**
	3.875	**425**	**455**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **2 string**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**425**	**25 portland**
	0	**15**	**10 sacrete**

Seal Method: **Positive Displacement**

Sealed By: **Driller**

Distance to Property Line (ft.): **30**

Distance to Septic Field or other concentrated contamination (ft.): **+100**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Owner**

Surface Completion: **Surface Sleeve Installed**

Water Level: **220 ft.** below land surface on **2008-06-13** Measurement Method: **Unknown**

Packers: **K 415**

Type of Pump: **Submersible**

Well Tests: **Jetted** **Yield: 80 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**No Data**	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Robinson Water Well**

11819 W. Montgomery Rd.
Houston, TX 77086

Driller Name: **M.E. Robinson** License Number: **1464**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**135**	**Red and White clay with sand streaks**
135	**147**	**Sand and Gravel**
147	**230**	**Clay with sand and gravel streaks**
230	**250**	**Sand**
250	**400**	**Hard clay with sand streaks**
400	**412**	**Sand**
412	**413**	**Rock**
413	**425**	**Clay**
425	**455**	**Sand**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
4	**New**	**PVC Casing**	**0-425 SCH 40**
2 1/2	**New**	**PVC Liner**	**415-425 SCH 40**
2 1/2	**New**	**PVC Screen**	**425-455 0.08**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

STATE OF TEXAS WELL REPORT for Tracking #228016

Owner:	**Schlenker, Calvin & Jill**	Owner Well #:	**No Data**
Address:	**2909 Inwood Houston, TX 77019**	Grid #:	**65-13-8**
Well Location:	**2909 Inwood Houston, TX 77019**	Latitude:	**29° 45' 34" N**
		Longitude:	**095° 25' 49" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **8/12/2010** Drilling End Date: **8/16/2010**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**6.5**	**0**	**406**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**380**	**20 bags Cement**

Seal Method: **Pressure**

Sealed By: **ODCI**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Surface Sleeve Installed**

Water Level: **210 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **BP Seal 366 FT**

Type of Pump: **Submersible** Pump Depth (ft.): **315**

Well Tests: **Jetted** **Yield: 35 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**25**	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **O'Day Drilling Company, Inc.**

5923 CR 931
Rosharon, TX 77583

Driller Name: **Marshall Bannert** License Number: **4111**

Apprentice Name: **Francisco Guiterrez** Apprentice Number: **56778**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	3	Top Soil
3	52	Clay
52	62	Sand
62	162	Clay
162	167	sand
167	176	Clay
176	187	Sand
187	196	Clay
196	219	Sand
219	272	Clay
272	283	Sand
283	294	clay
294	329	Sand
329	330	Rock
330	370	Clay
370	371	Rock
371	373	Clay

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
4	New	PVC Well Casing	0-380 Ft WW
2.5	New	Galvanized Liner Pipe	386-406 Ft Sch 40
2.5	New	S/S Pipe Based Screen	366-386 Ft .006GA

373	**374**	**Rock**
374	**378**	**Clay**
378	**380**	**Rock**
380	**405**	**Sand**
405	**406**	**Clay**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 703 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 53 Longitude - 95 28 53 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Carl Detering Driller - McMasters & Pomeroy

Address _____ Tenant/Oper. _____
Date Drilled - / /1950 Depth - 545 ft. Source of Depth - Altitude - 68 ft. Source of Alt. -
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER Well Type - W User -

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) | Setting(feet) From | To

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data-

WATER LEVELS Date- 08/16/1950 Measurement- -114.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 09/30/2002

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB R178: Screen from 505 to
545 ft.
Yield: 200 gpm with 30 ft.
drawdown when drilled.

Aquifer - 112CHCTL
Well No. - 65 13 703

STATE OF TEXAS WATER WELL REPORT

1) OWNER: 11TH STREET WASHATERIA ADDRESS: 1217 ARCHLEY CITY: HOUSTON STATE: TX ZIP: 77055
2) LOCATION OF WELL: County: HARRIS miles in N direction from HOUSTON

LEGAL DESCRIPTION: SEE ATTACHED MAP: 00106
Section No.: Block No.: Township:
Abstract No.: Survey Name:
Distance and direction from two intersecting section or survey lines: 0065-13-8

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: INDUSTRIAL 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00106

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.0	0	419
5.0	419	441

7) BOREHOLE METHOD:
TWO STRING/LEAD SEAL
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 11/07/88

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	80	CLAY-RED
80	90	SAND-TAN-.006-.008
90	160	CLAY-BROWN
160	195	SAND-TAN-.014-.020
195	284	CLAY-RED
284	305	SAND-WHITE-.006-.008
305	310	CLAY / SAND STREAKS
310	320	SAND-WHITE-.014-.020
320	404	CLAY-RED
404	412	SAND-WHITE-.010-.012
412	417	CLAY-BLUE
417	441	SAND-WHITE-.014-.020

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING	SCREEN
5.0	N	P.V.C. S.D.R.17	0	419			
2.5	N	STEEL, NEW, GALV.	410	420		LINER	
2.5	N	STAINLESS - ROD BASE	420	440		.012	
2.5	N	STEEL, NEW, GALV.	440	441		S.T.N.	

9) CEMENTING DATA:
Cemented from 200 FT. TO 419 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: ALMEDA WATER WELL

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 260 FT. DATE: 11/07/88
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

RECEIVED SEP 20 1989 TEXAS WATER COMMISSION

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 336

14) WELL TEST:
JETTED
YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 441 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY
WELL NO. 65-13-9
LOCATED ON MAP

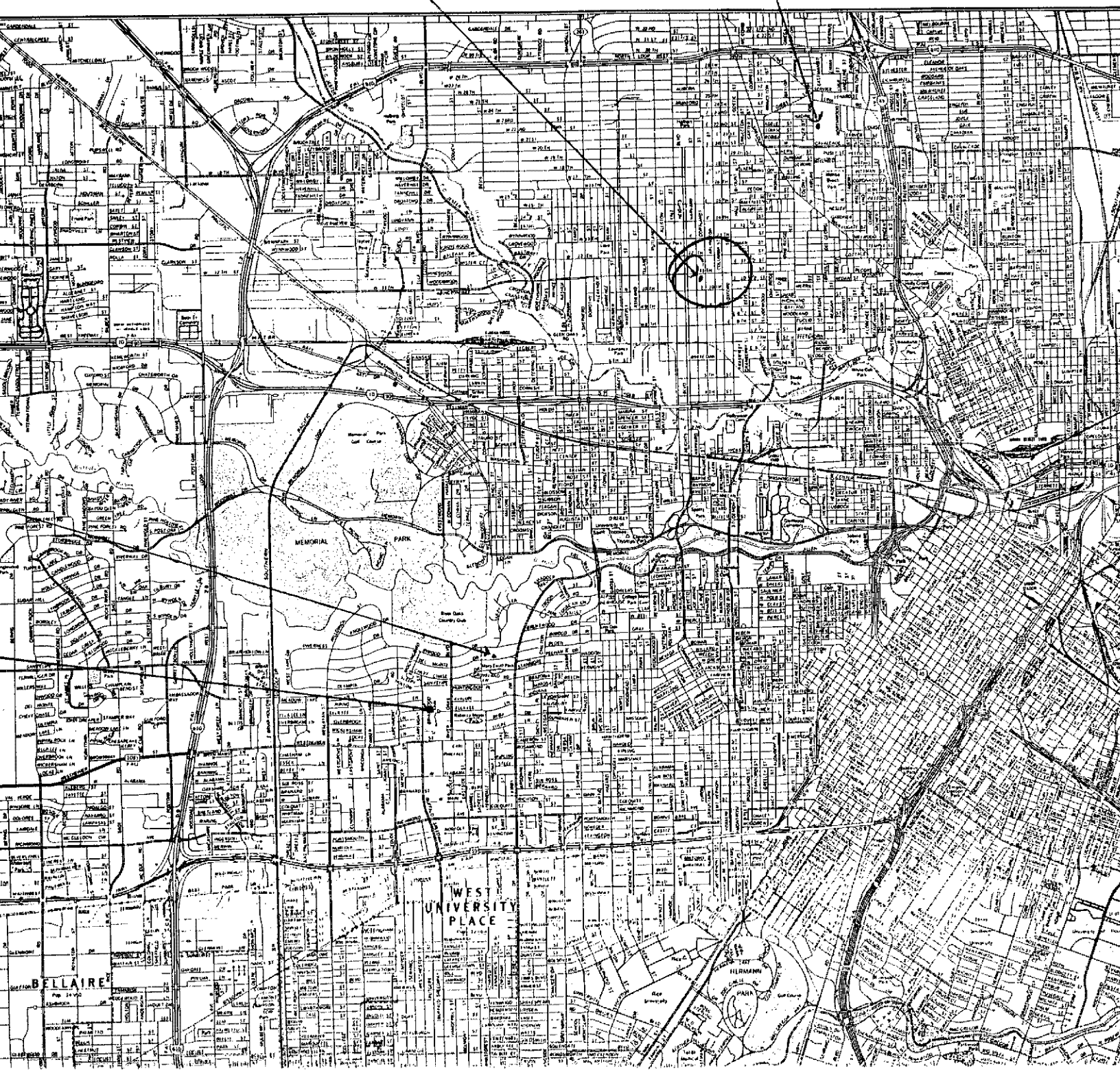
I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) John A. Fabian (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

CWB

11TH STREET WASHATERIA

FARMERS MKT. WASHATERIA



TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 404 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 47 52 Longitude - 95 29 12 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Glenmore Forest

Driller - W J Swinehart

Address _____ Tenant/Oper. _____
Date Drilled - / /1954 Depth - 281 ft. Source of Depth - Altitude - 72 ft. Source of Alt. - M
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		

Aquifer - 112CHCT
Well No. - 65 13 404

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 403 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 47 51 Longitude - 95 29 07 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Glenmore Forest

Driller - W J Swinehart

Address _____ Tenant/Oper. _____
Date Drilled - / /1950 Depth - 468 ft. Source of Depth - D Altitude - 72 ft. Source of Alt. - M
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CHCT
Well No. - 65 13 403

(18)

65-13-76

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TDWR use only
Well No. 65-13-76
Located on map YES
Received: TH

1) OWNER Van Land Sales (Name) Address 507 N. Loop West (Street or RFD) Hou. (City) Tex. (State) 77088 (Zip)

2) LOCATION OF WELL: Katy Frwy. County Harris 9 miles in W (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ See attached map. in pocket

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 8/2/78

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 1/2	Surface	323'

From (ft.)	To (ft.)	Description and color of formation material
0	22	CLAY & SAND
22	43	SAND
43	63	CLAY & SAND
63	83	CLAY
83	123	SANDY CLAY
123	163	CLAY
163	183	SAND & CLAY
183	223	CLAY
223	243	CLAY & SAND
243	283	SANDY CLAY
283	303	CLAY
303	323	SAND

(Use reverse side if necessary)

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfr., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	PVC.	0	300	40
2	N		303	323	16

250 CEMENTING DATA 300
Cemented from ~~273~~ ft. to ~~323~~ ft.
Method used _____
Cemented by _____ (Company or Individual)

9) WATER LEVEL:
Static level 190 ft. below land surface Date 8/2/78
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP:
☐ Turbin ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 232 ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy Bussell (Type or Print) Water Well Drillers Registration No. 707

ADDRESS 9139 N. Hal. Rosslyn Rd. (Street or RFD) Houston (City) Texas (State) 77088 (Zip)

(Signed) Tommy Bussell (Water Well Driller) Bussell & Son, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TDWR-0392

482010 75 [redacted] 47

65-13-50

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

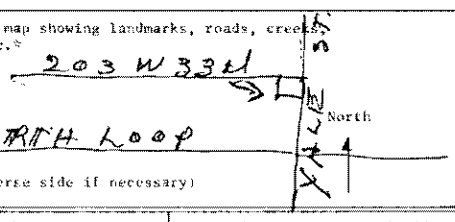
For TWDB use only
Well No. [illegible]
Located on map [illegible]
Received: [illegible]

1) OWNER:
Person having well drilled ROSS A. FOSTER (Name) Address 203 W 33th (Street or RFD) HOU. (City) TEXAS (State)

Landowner ROSS A. FOSTER (Name) Address 203 W 33 th (Street or RFD) HOUSTON (City) TEX (State)

2) LOCATION OF WELL:
County HARRIS, _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Locate by sketch map showing landmarks, roads, creeks, highway number, etc.*



(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well ✓ Deepening; Reconditioning; Plugging

4) PROPOSED USE (Check): Domestic; Industrial; Municipal; Irrigation; Test Well; Other YARD

5) TYPE OF WELL (Check): Rotary ✓; Driven; Dug; Cable; Jetted; Bored ✓

6) WELL LOG:
Diameter of hole 3 7/8 in. Depth drilled 57 ft. Depth of completed well 52 ft. Date drilled 6-28-74

All measurements made from 1-4 in ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	3	SAND
3	23	RED CLAY
23	25	SAND
25	38	RED CLAY
38	41	SAND
41	50	MIXED CLAY
50	52	ROCK
52	57	SAND

(Use reverse side if necessary)

9) Casing:
Type: Old; New ✓; Steel; Plastic ✓; Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
2 in			

10) SCREEN:
Type _____
Perforated; Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size

7) COMPLETION (Check):
Straight wall ✓; Gravel packed; Other
Under reamed; Open Hole OPEN BOTTOM

8) WATER LEVEL:
Static level 8 ft. below land surface Date 6-28-74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?
Yield: 20 gpm with 5 ft. drawdown after 4 hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water 68

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No ✓
Type of water? GOOD depth of strata 5 FT

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME FREDDIE L RICHARD (Type or Print) Water Well Drillers Registration No. 1321

ADDRESS PO. BOX 158 (Street or RFD) BARKER (City) TEXAS (State) 77413

(Signed) Freddie L Richard (Water Well Driller) F. L. Richard Pdlg. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBR-GW-53

4820111077

65-13-4C

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No.
Located on map
Received:

1) OWNER:
Person having well drilled Burkhardt Nursery (Name) Address 1109 Wirt Rd. (Street or RFD) Houston, Texas (City) (State)

Landowner ~~Same~~ (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris, miles in 6 (N.E., S.W., etc.) direction from west (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

Well is located at 1109 Wirt Rd. Wirt runs from Katy Freeway to Hempstead Ed.

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor League

Block Survey

Abstract No.

(NW¼ NE¼ SW¼ SE¼) of Section

3) TYPE OF WORK (Check): X New Well, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check): X Domestic, Industrial, Municipal, Irrigation, Test Well, Other

5) TYPE OF WELL (Check): X Rotary, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 6 in. Depth drilled 440 ft. Depth of completed well 440 ft. Date drilled 3 Aug71

All measurements made from 3 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	20	clay
20	46	sand
46	118	clay
118	126	sand
126	270	clay
270	279	course sand
279	298	clay
298	303	sand
303	311	sand rock
311	320	sand
320	367	clay rock strks
367	377	fine sand
377	402	clay
402	440	course sand and gravel

(Use reverse side if necessary)

9) Casing:
Type: Old, X New, X Steel, Plastic, Other
Cemented from 275 ft. to 405 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	405	11#

10) SCREEN:
Type Pipe based stainless steel ribbed
Perforated, Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2½	418	438	16 ga.

7) COMPLETION (Check): X Straight wall, Gravel packed, Other, Under reamed, Open Hole

8) WATER LEVEL:
Static level 194 ft. below land surface Date 3 Aug. 71
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., 252 ft. below land surface.
Jacuzzi 5S4X-T2 set 252' on 2" pipe.

11) WELL TESTS:
Was a pump test made? Yes X No If yes, by whom?
Yield: gpm with ft. drawdown after hrs.
Bailer test gpm with ft. drawdown after hrs.
Artesian flow gpm
Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes No X
Did any strata contain undesirable water? Yes No X
Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME B.J. Swinehart (Type or Print) Water Well Drillers Registration No. 229

ADDRESS 7524 N. Freeway (Street or RFD) Houston (City) Texas 77037 (State)

(Signed) B.J. Swinehart (Water Well Driller) B.J. Swinehart Co., Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

482011018

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas
WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Marvin T. Wolfe Jr. (Name) Address 7802 Bayonwood (Street or RFD) Houston (City) Texas (State) 77055 (Zip)

2) LOCATION OF WELL: County Harris miles in North West (N.E., S.W., etc.) direction from Houston - West I-10 (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☒ Legal description: Section No. #BLK-B Block No. Lot 35 Township Houston
Abstract No. _____ Survey Name Shepherd Park Terrace
Distance and direction from two intersecting section or survey lines _____
☐ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☐ Driven ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:

Date Drilling: Started 7-24 1991 Completed 7-26 1991

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
7¼	Surface 0	43.

From (ft.)	To (ft.)	Description and color of formation material
0	10.	Red Clay
10	15	Red Sand
15	20	Red Caly
20	25	Sand
25	30	Red Clay.
30	43	Sand

RECEIVED
OCT 31 1991
TEXAS WATER COMMISSION

This water Well is To Water Grass.

(Use reverse side if necessary)

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA.

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	4" SCC. 40 PVC	0	31	
4	N	4" Screen Slotted	31	43	008

9) CEMENTING DATA (Rule 287 44(1))
Cemented from 15 ft. to 0 ft. No. of Sacks Used 6½
_____ ft. to _____ ft. No. of Sacks Used _____
Method used Sand Mix
Cemented by John W Tolen.

10) SURFACE COMPLETION
☒ Specified Surface Slab Installed (Rule 287 44(2)(A))
☐ Pitless Adapter Used (Rule 287 44(3)(B))
☐ Approved Alternative Procedure Used (Rule 287 71)

11) WATER LEVEL:
Static level 25 ft. below land surface Date _____
Artesian flow 15 gpm. Date _____

12) PACKERS: Sand Mix Type Portland Depth 15'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 47 ft.

14) WELL TESTS:
Type Test: ☒ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did the drilling penetrate any strata which contained undesirable constituents? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Hard Water Depth of strata 25
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Tolen Water Well Service (Type or Print) Well Driller's License No. 0297 W.

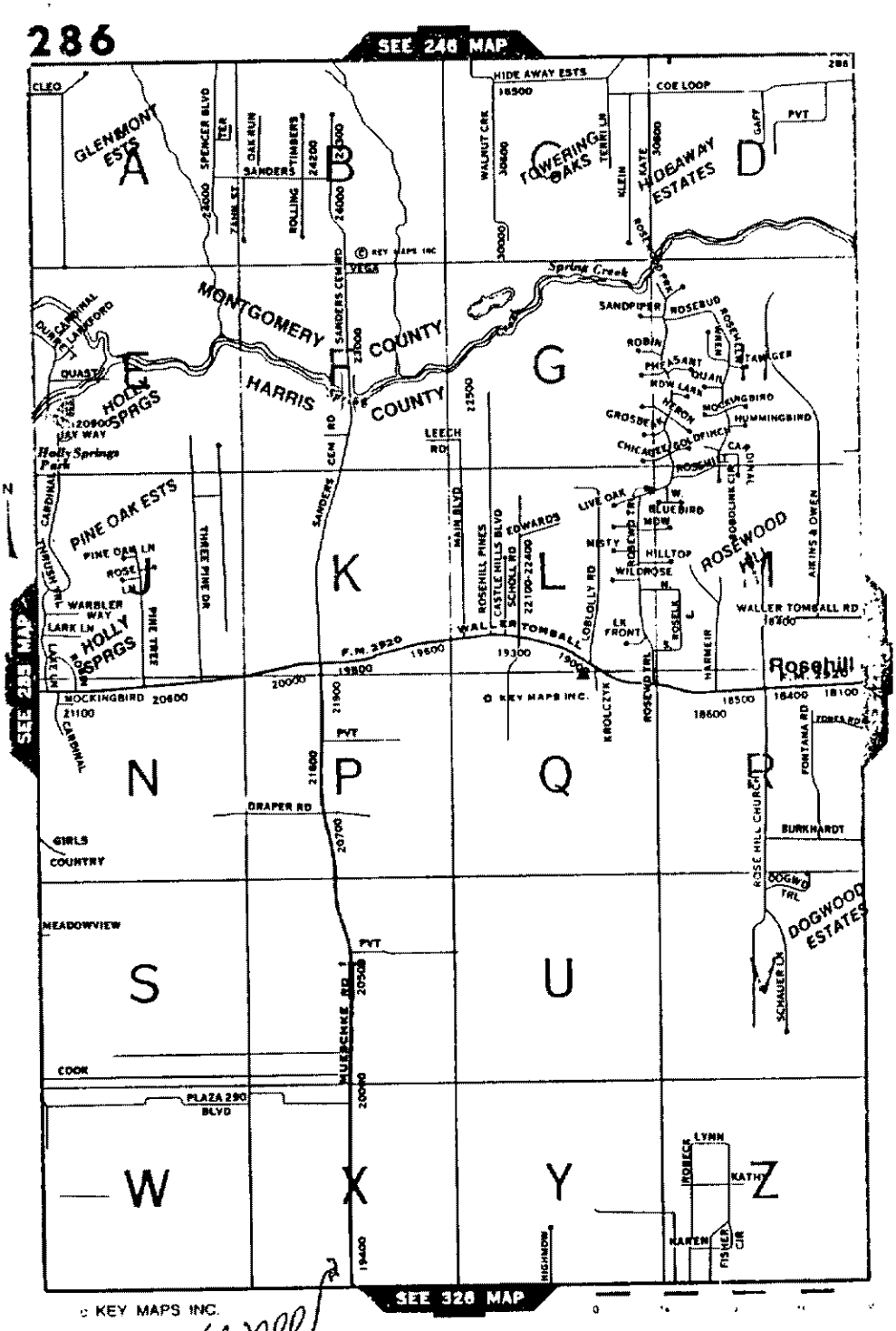
ADDRESS 1421 Anchwood (Street or RFD) Houston (City) Texas (State) 77049 (Zip)

(Signed) John W Tolen (Licensed Well Driller) (Signed) Jeff Tolen (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. _____
Located on map _____

WWD-012 (Rev. 07/15/88) TEXAS WATER COMMISSION COPY



© KEY MAPS INC.

well

STATE OF TEXAS WATER WELL REPORT P 101

1) OWNER: SMORENSTEIN COMPANY ADDRESS: 02 RIVERWAY, SUITE 257 CITY: HOUSTON STATE: TX ZIP: 77056-
2) LOCATION OF WELL: County: HARRIS miles in N direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00232

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.0	0	422
5.0	422	452

7) BOREHOLE METHOD:
TWO STRING/K-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 02/06/90

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	2	SOIL
2	12	CLAY-BROWN
12	25	ROCK
25	50	SAND-TAN-.006-.008
50	60	CLAY-RED
60	90	SAND-TAN-.006-.008
90	150	CLAY-RED
150	235	SAND-TAN-.014-.020
235	260	CLAY-RED
260	270	SAND-TAN-.010-.012
270	274	ROCK
274	290	SAND-WHITE-.010-.012
290	293	CLAY-BROWN
293	310	SAND-WHITE-.010-.012
310	314	CLAY-BROWN
314	350	SAND-WHITE-.010-.012
350	422	CLAY-RED
422	448	SAND-WHITE-.010-.012
448	452	BROKEN SAND & CLAY
452		ROCK

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	422		CASING
3.0	N	STEEL, NEW, GALV.	407	428		LINER
3.0	N	STAINLESS - ROD BASE	428	448		.008
3.0	N	STEEL, NEW, GALV.	448	452		S.T.N.

9) CEMENTING DATA:
Cemented from 0 FT. TO 422 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: ALMEDA WATER WELL

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 235 FT. DATE: 02/10/90
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

RECEIVED MAY 24 1991 TEXAS WATER WELL DRILLERS BOARD

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 336

14) WELL TEST:
JETTED
YIELD: 100 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 452 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

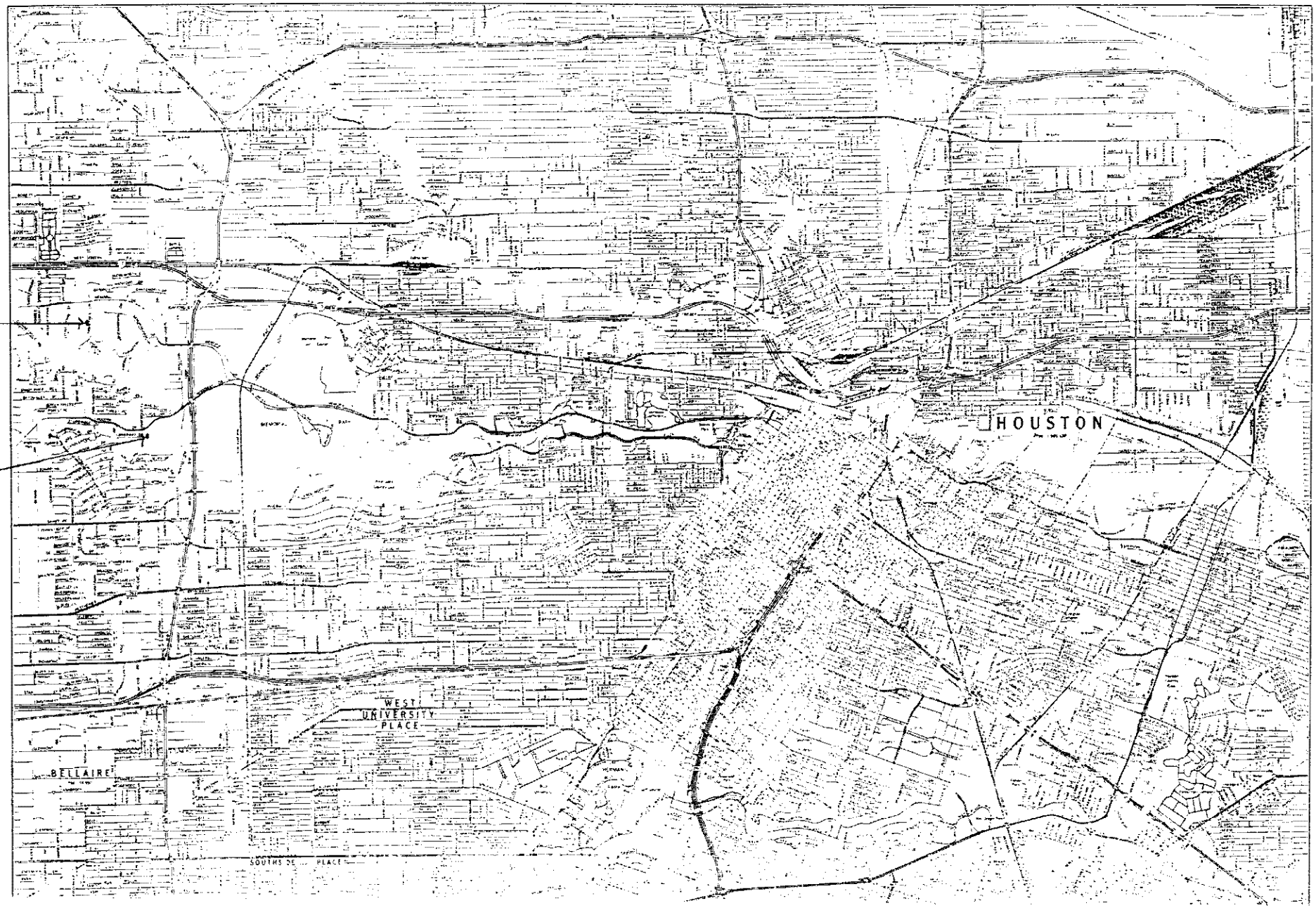
COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY
WELL NO. 65-13-7
LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) _____ (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

4820104821


HOUSTON
WEST UNIVERSITY PLACE
BELLAIRE
SOUTHSIDE PLACE

Send original copy by certified mail to: **Texas Water Commission, P.O. Box 13087, Austin, Texas 78711**

22 *Please use black ink.*

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) **OWNER** Houston Polo Club (Name) **ADDRESS** 5252 MEMORIAL DR. HSTN TX (Street or RFD) (City) (State) (Zip)

2) **LOCATION OF WELL:** 5252 MEMORIAL DR.
County HARRIS . _____ miles in _____ (NE, SW, etc.) direction from _____ (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **LEGAL DESCRIPTION:**
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☑ **SEE ATTACHED MAP** 60 · 59 · 1

3) **TYPE OF WORK (Check):** ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) **DRILLING METHOD (Check):** ☐ Driven ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) **WELL LOG:**
Date Drilling:
Started 10-11 19 93
Completed 10-13 19 93

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
7 7/8	Surface	410
4 3/4	410	430

7) **BOREHOLE COMPLETION:** ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	23	Top Soil & Clay
23	55	SURFACE SAND
55	128	CLAY
128	157	SAND
157	165	CLAY
165	196	SAND
196	262	CLAY
262	310	SAND
310	328	CLAY
328	382	SAND

(Use reverse side if necessary)

8) **CASING, BLANK PIPE, AND WELL SCREEN DATA:**

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5	N	SDR17	0	410	
3	N	GALVANIZED	400	410	
3	N	PVC	410	420	.014
3	N	PVC	420	430	.016

9) **CEMENTING DATA** [Rule 287.44(1)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used 10
360 ft. to 410 ft. No. of Sacks Used 3
Method used Halliburton / Trimmie
Cemented by BUSSELL & SON INC.

13) **TYPE PUMP:** ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

10) **SURFACE COMPLETION**
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

14) **WELL TESTS:**
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 60 gpm with _____ ft. drawdown after _____ hrs.

11) **WATER LEVEL:**
Static level 240 ft. below land surface Date 10-13-93
Artesian flow _____ gpm. Date _____

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

12) **PACKERS:**

Type	Depth
(2) 3X5 K-PACKERS	400'

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME BUSSELL & SON INC (Type or print) **WELL DRILLER'S LICENSE NO.** 2035

ADDRESS PO BOX 874 (Street or RFD) Tomball (City) TX (State) 77377-0874 (Zip)

(Signed) Craig Bussell (Licensed Well Driller) **(Signed)** _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 22 Located on map 65·13·8

TWC-0199 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

4820107607

Send original copy by certified return receipt requested mail to: TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0538

1) OWNER Houston Polo Club (Name) ADDRESS 5252 memorial Dr. (Street or RFD) Houston (City) TX (State) 77024 (Zip)

2) ADDRESS OF WELL: County HARRIS 5252 memorial (Street, RFD or other) Houston (City) TX (State) (Zip) GRID # 65-13-8

3) TYPE OF WORK (Check): [✓] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [✓] Domestic [ ] Industrial [✓] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) ↑ N

6) WELL LOG:
Date Drilling:
Started 7/10 19 96
Completed 7/12 19 96

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
8 3/4	Surface	410
5 3/4	410	430

7) DRILLING METHOD (Check): [ ] Driven [ ] Air Rotary [✓] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

From (ft.)	To (ft.)	Description and color of formation material
0	400	UNCONSOLIDATED
400	430	SAND

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): [ ] Open Hole [✓] Straight Wall [ ] Underreamed [ ] Gravel Packed [ ] Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
6	N	BLACK STEEL W/ND	0	410	
4	N	GALVANIZED	405	410	
4	N	PVC SCREENS	410	430	014
4	N	PVC SCREENS	420	430	016

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 15 ft. No. of sacks used 10
310 ft. to 410 ft. No. of sacks used 10
Method used HALLIBURTON / TRIMME
Cemented by BUSSELL & SON INC.
Distance to septic system field lines or other concentrated contamination ____ ft
Method of verification of above distance ____

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed [Rule 338.44(2)(A)]
[✓] Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
[ ] Pitless Adapter Used [Rule 338.44(3)(b)]
[ ] Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL:
Static level 22 ft. below land surface Date 7-12-96
Artesian flow ____ gpm. Date ____

12) PACKERS: 4x6 K-PACKERS 405 (Type, Depth)

13) TYPE PUMP:
[ ] Turbine [ ] Jet [✓] Submersible [ ] Cylinder
[ ] Other
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [✓] Jetted [ ] Estimated
Yield: 200 gpm with ____ ft. drawdown after ____ hrs

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [✓] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? [ ] Yes [ ] No

RECEIVED JUN 1997 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME BUSSELL & SON INC. (Type or print) WELL DRILLER'S LICENSE NO. 2035

ADDRESS P.O. Box 874 (Street or RFD) Tomball (City) TEXAS (State) 77377-0874 (Zip)

(Signed) Craig O Bussell (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 05-21-95) *White - TNRCC Yellow - DRILLER Pink - WELL OWNER*

4820107608

STATE OF TEXAS WATER WELL REPORT

1) OWNER: NEW, HENRY ADDRESS: #4 PINE HILL DR. CITY: HOUSTON STATE: TX ZIP:
2) LOCATION OF WELL: County: HARRIS miles in N direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: DOMESTIC 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 01226

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.00	0	380
4.875	380	415

7) BOREHOLE METHOD:
TWO STRING/K-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 08/06/96

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	380		CASING
3.0	N	P.V.C. SCH.40	374	384		LINER
3.0	N	P.V.C. - UNDERBAR	384	394		.008
3.0	N	P.V.C. SCH.40	394	405		BLANK
3.0	N	P.V.C. - UNDERBAR	405	415		.008

WELL# 65-13-8

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	16	CLAY-GRAY CLAY-RED
16	34	SAND-TAN-.006-.008
34	70	CLAY-TAN
70	103	SAND-TAN-.006-.008 SAND-TAN-.010-.012
103	168	CLAY-RED CLAY-GRAY
168	183	SAND-TAN-.010-.012 SAND-TAN-.014-.020
183	201	CLAY-RED
201	222	SAND-TAN-.010-.012 SAND-TAN-.014-.020
222	257	CLAY-TAN
257	302	SAND-TAN-.014-.020
302	340	CLAY / SAND STREAKS
340	371	SAND-TAN-.014-.020
371	377	CLAY-RED CLAY-BLUE
377	392	SAND-WHITE-.006-.008 SAND-WHITE-.010-.012

9) CEMENTING DATA:
Cemented from 0 FT. TO 380 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 211 FT. DATE: 08/08/96
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 298 ,

14) WELL TEST:
JETTED
YIELD: 80 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 415 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843, 2350, 2843
ADDRESS: P.O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Carl Loftin (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

4820123319

STATE OF TEXAS WATER WELL REPORT (PAGE 2)

OWNER: NEW, HENRY ADDRESS: #4 PINE HILL DR. CITY: HOUSTON STATE: TX ZIP:

392	403	BROKEN SAND & CLAY
403	415	SAND-WHITE-.006-.008 SAND-WHITE-.010-.012

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: R.B.RATCLIFF & ASSOCIATES ADDRESS: P.O. BOX 369 CITY: FULSHEAR STATE: TX ZIP: 77441-0369

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-13-08
Street or RFD: 3688 WILLOWICK (ABBOTT SPRAGUE HOME OWNER)
City, State, Zip code: HOUSTON , TX 77019-

5)

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: IRRIGATION
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 00523

DATE DRILLING:
STARTED: 07/13/00
COMPLETED: 08/21/01

DIAMETER OF HOLE

DIAMETER	FROM	TO
7.75	-0-	588
4.75	588	610

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: TWO-STRING
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

N^

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	PVC WELL CASING	+2	588	SDR-17
2.5	N	PVC BLANK PIPE	574	589	SCH 80
2.5	N	STAINLESS ROD BASE	589	609	10/8GA
2.5	N	NIP W/BACKWASH VALVE	609	610	SCH 80

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	80	TOPSOIL, CLAY, RED CLAY, SAND, RED CLAY
80	180	SAND CLAY, SAND, CLAY SAND
180	260	WHITE CLAY ,SAND, WHITE CLAY, GRAY CLAY
260	300	SAND SAND
300	340	SANDY CLAY SHALE, SAND
340	360	SANDY SHALE SAND
360	400	SAND CLAY BREAK, SAND, SAND
400	460	CLAY SAND SANDY SHALE
460	500	SAND,CLAY BREAK,SAND
500	540	SAND CLAY SAND
	570	CLAY CLAY
		SAND SAND SAND

9) CEMENTING DATA:
Cemented from No. of Sacks Used
588 FT. TO 318 FT. 18
1 FT. TO 20 FT. 5
Method used: HALLIBURTON METHOD
Cemented by: GDI LOWER PRESSURED
Distance to septic field lines: n/a ft.
Method of verification of above distance:
PUBLIC SEWERAGE

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : N27 FT. DATE: 08/21/01
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
FORMATIOM PACKER	20
BP-SEAL	574

14) WELL TEST:
JETTED
YIELD: 120+ GPM WITH FT DRAWDOWN AFTER HRS

20 NO CHEMICAL ANALYSIS MADE

.ENSE NO.: 2888 WI
TX ZIP CODE: 77441

FOR TWC USE ONLY
WELL NO. _____
LOCATED ON MAP _____

(SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN
.ND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE

___ (signed) Travis Otto
(REGISTERED DRILLER TRAINEE)

4820126394

T

ATTENTION OWNER: Confidentiality
Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: RATCLIFF, R.B. & ASSOC. ADDRESS: P.O.BOX 369 CITY: FULSHEAR STATE: TX ZIP: 77441-

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-21-02
Street or RFD: 3737 WILLOWICK (HOME OWNER: DAN FRIEDKIN)
City, State, Zip code: HOUSTON , TX 77019-

5)

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: IRRIGATION
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 00067

DATE DRILLING:
STARTED: 04/22/96
COMPLETED: 10/01/96

DIAMETER OF HOLE		
DIAMETER	FROM	TO
7.75	0	390
4.75	390	402

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: TWO-STRING
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

N^

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0"	N	PVC WELL CASING	+2	390	SCH.40
2.5"	N	PVC BLANK PIPE	385	391	SCH.80
2.5"	N	STAINLESS ROD BASE	391	401	10 GA.
2.5"	N	PVC BLANK PIPE	401	402	SCH.80

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	20	BLACK TOPSOIL, CLAY
20	100	CLAY,SAND,CLAY,SAND
100	140	SAND ROCK CLAY ROCK CLAY
140	160	CLAY
160	180	SANDY CLAY SAND
180	200	SAND CLAY SAND
200	245	SAND
245	280	CLAY,SAND ROCK CLAY
280	320	CLAY, SAND, CLAY
320	340	SHALE
340	360	ROCK,SAND,ROCK,SAND SHALE SAND
360	380	SAND SHALE SAND
380	402	COARSE SAND

9) CEMENTING DATA:
Cemented from No. of Sacks Used
390 FT. TO 290 FT. 10
18 FT. TO 1 FT. 10
Method used: HALLIBURTON METHOD
Cemented by: GDI
Distance to septic field lines: ft.
Method of verification of above distance:
CITY SEWER

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 215 FT. DATE: 04/23/96
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
BP SEAL	385
FORMATION PACKER	18

RECEIVED NOV 10 1996 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 300

14) WELL TEST:
JETTED
YIELD: 75+ GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: EXCELLENT DEPTH OF STRATA: 27 FT. OF SAND NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: GEOPHYSICAL DRILLING,INC. WATER WELL DRILLER'S LICENSE NO.: 4898WPK
ADDRESS: P.O. BOX 664 CITY: FULSHEAR STATE: TX ZIP CODE: 77441

FOR TWC USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Jimmy D. Briney (LICENSED WATER WELL DRILLER)

(signed) _____ (REGISTERED DRILLER TRAINEE)

Send original copy by certified mail to: Texas Water Comm[illegible], P.O. Box 13087, Austin, Texas 78711

19

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) **OWNER** Mike Story (Name) **ADDRESS** 640 W. Crosstimber (Street or RFD) Houston, Tx (City) (State) (Zip)

2) **LOCATION OF WELL:** County Harris, 10 miles in NW (NE, SW, etc.) direction from Houston (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **LEGAL DESCRIPTION:**

Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____

Distance and direction from two intersecting section or survey lines _____

☐ **SEE ATTACHED MAP**

3) **TYPE OF WORK (Check):** XX☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☐ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply X☒ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) **DRILLING METHOD (Check):** X☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) **WELL LOG:**

Date Drilling: Started 10-2-90 19__ Completed 10-5-90 19__

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
	Surface	
7 7/8	-0-	565

7) **BOREHOLE COMPLETION:** ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed XX☒ Other 2 String Cemented

If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	60	Clay
60	180	Sand
180	260	Clay
260	380	Sand
380	460	Clay
460	565	Sand

RECEIVED APR 03 1992 TEXAS WATER COMMISSION

(Use reverse side if necessary)

8) **CASING, BLANK PIPE, AND WELL SCREEN DATA:**

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5"	N	Casing SDR-17	0-	530	
2½"	N	Liner PVC	515	525	
2½"	N	Screen PVC	525	565	

9) **CEMENTING DATA** [Rule 287.44(1)]

Cemented from 230 ft. to 530 ft. No. of Sacks Used 18

0 ft. to 15 ft. No. of Sacks Used 3

Method used Halliburton

Cemented by Robinson Water Well

13) **TYPE PUMP:** 7½H.P.

☐ Turbine ☐ Jet X☒ Submersible ☐ Cylinder ☐ Other _____

Depth to pump bowls, cylinder, jet, etc., 357 ft.

10) **SURFACE COMPLETION**

☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]

☐ Pitless Adapter Used [Rule 287.44(3)(B)]

XX☒ Approved Alternative Procedure Used [Rule 287.71]

14) **WELL TESTS:**

Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated

Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

11) **WATER LEVEL:**

Static level 335 ft. below land surface Date 10-5-90

Artesian flow _____ gpm. Date _____

15) **WATER QUALITY:**

Did the drilling penetrate any strata which contained undesirable constituents?

☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"

Type of water? _____ Depth of strata _____

Was a chemical analysis made? ☐ Yes ☒ No

12) **PACKERS:**

Type	Depth
K-Packer	515

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Robinson Water Well Service, Inc (Type or print) **WELL DRILLER'S LICENSE NO.** 2212

ADDRESS 11607 FM 149 (Street or RFD) Houston (City) Texas (State) 77086 (Zip)

(Signed) [signature] (Licensed Well Driller) **(Signed)** _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 19 Located on map 65-13-6

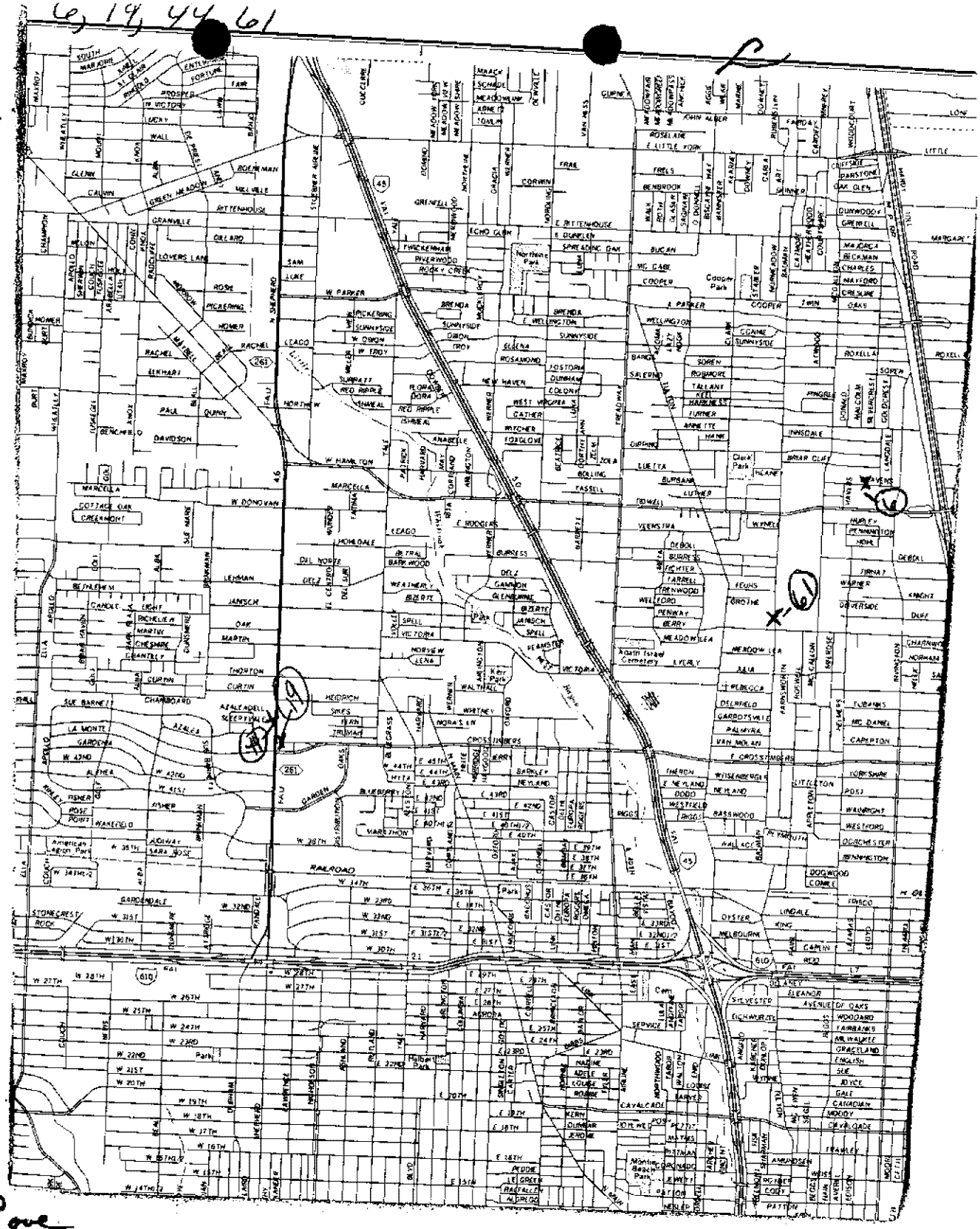
WWD-012 (Rev. 09/21/88)

Lone

TEXAS WATER COMMISSION COPY

CWB

6, 19, 44, 61



Love

CWB

44

Send original copy by certified mail to: Texas Water Comm[illegible], P.O. Box 13087, Austin, Texas 78711

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER Sid Anderson (Name) ADDRESS 4432 N. Sheaperd (Street or RFD) Houston (City) Tx. (State) (Zip)

2) LOCATION OF WELL:
County Harris, 10 miles in NW (NE, SW, etc.) direction from Houston (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ SEE ATTACHED MAP

3) TYPE OF WORK (Check):
XX New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☐ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check):
XX Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling:
Started 3-5-91 19__
Completed 3-7-91 19__

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
	Surface	
6 3/4	0	575

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed XX Other 2 String Cemented
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	60	Clay
60	120	Sand
120	240	Clay
240	380	Sand
380	420	Clay
420	575	Sand

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4"	N	Casing	0	520	
2½"	N	Liner	515	535	
2½"	N	Screen	535	575	

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 280 ft. to 520 ft. No. of Sacks Used 20
0 ft. to 15 ft. No. of Sacks Used 3
Method used Halliburton
Cemented by Robinson WAter Well

RECEIVED
APR 03 1992
TEXAS WATER COMMISSION

13) TYPE PUMP:
☐ Turbine ☐ Jet XX Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 380 ft.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
XX Approved Alternative Procedure Used [Rule 287.71]

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

11) WATER LEVEL:
Static level 330 ft. below land surface Date 3-7-91
Artesian flow _____ gpm. Date _____

15) WATER QUALITY:
Did the drilling penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

12) PACKERS: Type K-packer Depth 515

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Robinson Water Well Service, Inc (Type or print) WELL DRILLER'S LICENSE NO. 2212

ADDRESS 11607 FM 149 (Street or RFD) Houston, (City) Texas (State) 77086 (Zip)

(Signed) Terri Robinson (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

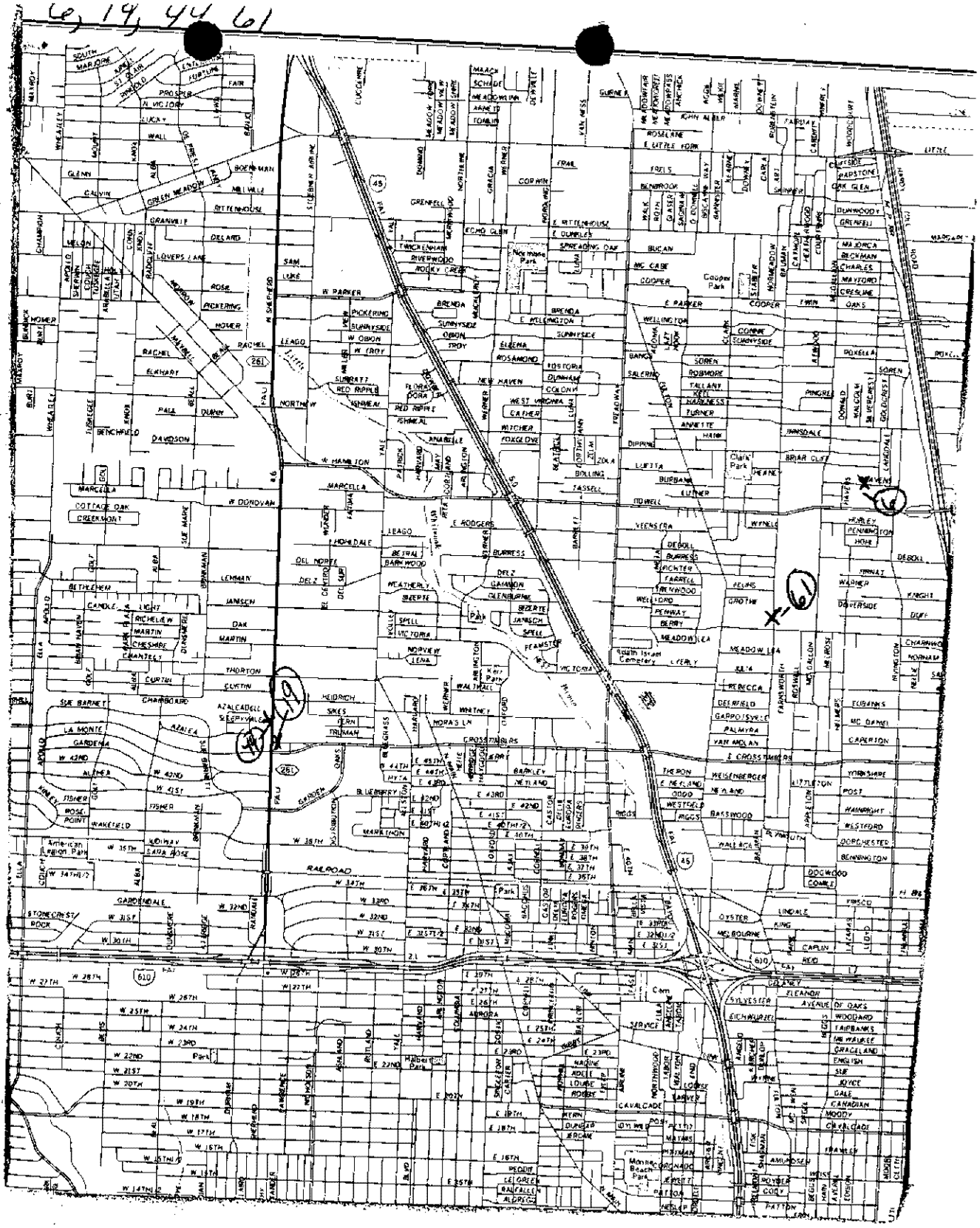
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 44 Located on map 65113-6

WWD-012 (Rev. 09/21/88)

TEXAS WATER COMMISSION COPY

6, 19, 44, 61


X-61
X-19
X-16
Cooper Park
Clark Park
Monroe Beach Park
Harbert Park
Cem
Park
RAILROAD
W 47TH
W 42ND
W 41ST
W 38TH
W 35TH
W 32ND
W 31ST
W 30TH
W 27TH
W 26TH
W 25TH
W 24TH
W 23RD
W 22ND
W 21ST
W 20TH
W 19TH
W 18TH
W 17TH
W 16TH
W 15TH
W 14TH
E 49TH
E 48TH
E 47TH
E 46TH
E 45TH
E 44TH
E 43RD
E 42ND
E 41ST
E 40TH
E 39TH
E 38TH
E 37TH
E 36TH
E 35TH
E 34TH
E 33RD
E 32ND
E 31ST
E 30TH
E 29TH
E 28TH
E 27TH
E 26TH
E 25TH
E 24TH
E 23RD
E 22ND
E 21ST
E 20TH
E 19TH
E 18TH
E 17TH
E 16TH
E 15TH
W 44TH
W 43RD
W 37TH
W 36TH
W 34TH
W 33RD
W 29TH
W 28TH
W 13TH
W 12TH
W 11TH
W 10TH
W 9TH
W 8TH
W 7TH
W 6TH
W 5TH
W 4TH
W 3RD
W 2ND
W 1ST
E 14TH
E 13TH
E 12TH
E 11TH
E 10TH
E 9TH
E 8TH
E 7TH
E 6TH
E 5TH
E 4TH
E 3RD
E 2ND
E 1ST
W 44TH
W 43RD
W 42ND
W 41ST
W 40TH
W 39TH
W 38TH
W 37TH
W 36TH
W 35TH
W 34TH
W 33RD
W 32ND
W 31ST
W 30TH
W 29TH
W 28TH
W 27TH
W 26TH
W 25TH
W 24TH
W 23RD
W 22ND
W 21ST
W 20TH
W 19TH
W 18TH
W 17TH
W 16TH
W 15TH
W 14TH
W 13TH
W 12TH
W 11TH
W 10TH
W 9TH
W 8TH
W 7TH
W 6TH
W 5TH
W 4TH
W 3RD
W 2ND
W 1ST
E 14TH
E 13TH
E 12TH
E 11TH
E 10TH
E 9TH
E 8TH
E 7TH
E 6TH
E 5TH
E 4TH
E 3RD
E 2ND
E 1ST
W 44TH
W 43RD
W 42ND
W 41ST
W 40TH
W 39TH
W 38TH
W 37TH
W 36TH
W 35TH
W 34TH
W 33RD
W 32ND
W 31ST
W 30TH
W 29TH
W 28TH
W 27TH
W 26TH
W 25TH
W 24TH
W 23RD
W 22ND
W 21ST
W 20TH
W 19TH
W 18TH
W 17TH
W 16TH
W 15TH
W 14TH
W 13TH
W 12TH
W 11TH
W 10TH
W 9TH
W 8TH
W 7TH
W 6TH
W 5TH
W 4TH
W 3RD
W 2ND
W 1ST
E 14TH
E 13TH
E 12TH
E 11TH
E 10TH
E 9TH
E 8TH
E 7TH
E 6TH
E 5TH
E 4TH
E 3RD
E 2ND
E 1ST

101

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-43-4X
Located on map Yes
Received: C.F.S.

1) OWNER ~~Big Three Industries~~ (Name) Address ~~Unknown 290 & Antoine~~ (Street or RFD) ~~Houston, Texas~~ (City) (State) (Zip)

2) LOCATION OF WELL
County HARRIS miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller **must** complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ See attached map. map on 65-04-6NN

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☐ Domestic ☒ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 7/28/82

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
	Surface	
6-3/4		392

From (ft.)	To (ft.)	Description and color of formation material
0	17	Clay
~~17~~	~~43~~	~~Sand~~
~~43~~	~~86~~	~~Clay~~
86	194	Sand
194	240	Clay
240	271	Sand
271	350	Clay
350	392	Sand

(Use reverse side if necessary)

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☒ Other 2 string cemented
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4"	N	Steel Casing	0	357	
2½"	N	Blank Pipe	352	357	
2½"	N	PVC Slotted Screen	357	392	.012

CEMENTING DATA
Cemented from 357 ft. to 117 ft.
Method used Halliburton
Cemented by ~~Robinson Water Well~~ (Company or Individual)

9) WATER LEVEL:
Static level ~~220~~ ft. below land surface Date ~~7/30/82~~
Artesian flow _____ gpm. Date _____

10) PACKERS:

Type	Depth
K	352

11) TYPE PUMP: 3HP 3phase 230 Volt
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., ~~315~~ ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water potable Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

RECEIVED
JUL 19 1983
DEPT. OF WATER RESOURCES

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME M. E. Robinson, Jr. (Type or Print) Water Well Drillers Registration No. 1464

ADDRESS 11607 FM 149 (Street or RFD) Houston, (City) Tx. (State) 77086 (Zip)

(Signed) M. E. Robinson Jr. (Water Well Driller) Robinson Water Well Service, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79) DEPARTMENT OF WATER RESOURCES COPY

4322d10041

STATE OF TEXAS WATER WELL REPORT

1) OWNER: HOUSTOUN-THOMPSON&HANSON ADDRESS: 10002 MEMORIAL CITY: HOUSTON STATE: TX ZIP: 77024-
2) LOCATION OF WELL: County: HARRIS 7 miles in N direction from BELLAIRE

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00822

DATE DRILLED: 05/04/94

DIAMETER OF HOLE

DIAMETER	FROM	TO
6.75	0	400'
3.875	400'	421'

7) BOREHOLE METHOD:
TWO STRING/W-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
4	N	P.V.C. SCH.40	0	400'		CASING
2.5	N	P.V.C. SCH.40	380'	401'		LINER
2.5	N	P.V.C. - SLOTTED	401'	421'		.006

WELL # 65-13-7

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	18	CLAY-GRAY CLAY-TAN
18	19	ROCK
19	26	SAND-RED-.006-.008
26	30	SAND-RED-.006-.008
30	34	BROKEN SAND & CLAY
34	90	CLAY-RED
90	123	SAND-TAN-.006-.008
123	127	BROKEN SAND & CLAY
127	134	SAND-TAN-.006-.008
134	223	CLAY-RED CLAY-GRAY
223	243	SAND-TAN-.006-.008
243	293	CLAY-RED
293	332	SAND-TAN-.010-.012
332	353	CLAY-RED

RECEIVED SEP 19 1994 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

9) CEMENTING DATA:
Cemented from 0 FT. TO 400 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 215' FT. DATE: 05/06/94
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 294'

14) WELL TEST:
JETTED
YIELD: 50 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 421' NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Mike Fuber (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

48201 07568

STATE OF TEXAS WATER WELL REPORT (PAGE 2)

OWNER: HOUSTOUN-THOMPSON&HANSON ADDRESS: 10002 MEMORIAL CITY: HOUSTON STATE: TX ZIP: 77024-

353	365	BROKEN SAND & CLAY
365	379	SAND-TAN-,010-,012
379	384	BROKEN SAND & CLAY
384	421	SAND-TAN-,006-,008

1.0mi W/EL

Please use black ink.
Send original copy by certified mail to the
Texas Water Commission
P.O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Pete Steigerwald (Name) Address 10021 Memorial (Street or RFD) Houston (City) (State) (Zip)

2) LOCATION OF WELL:
County Harris _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ See attached map. 65-29-1

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 4-1 1986 Completed 4-3 1986

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6½	Surface	360
4½	360	372

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☒ Other 2-String
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	3	Soil
3	16	White Clay
16	25	Sand & Rocks
25	57	Red Clay
157	170	White Clay
170	195	White Sand 010-014
195	225	Gray Clay
225	241	White Sand 016-020
241	265	Gray Clay
265	281	White Sand 012-Gravel
281	290	Shale
290	313	Rocks & Sand 014-Gravel
313	320	White Clay
320	331	Salt & Pepper Sand 012-016
331	350	Shale
350	367	Tan Sand 010-018
367	372	Rocks & Sand
372		Clay

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	PVC Sch40 Pipe	0	360	Casc
2½	N	Galv Sch40 Pipe	351	362	Liner
2½	N	RUB On Galv Sch40 Wesco Screen	362	370	012

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 10 ft. No. of Sacks Used 4
160 ft. to 260 ft. No. of Sacks Used 8
Method used Poured + Pressure
Cemented by "US"

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☒ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 226 ft. below land surface Date 4-3-86
Artesian flow _____ gpm. Date _____

12) PACKERS: Type N/A Depth

13) TYPE PUMP: ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 295 ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 75 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

RECEIVED
JUN 16 86
Texas Water Commission

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Almeda Water Well (Type or Print) Water Well Driller's License No. 1876

ADDRESS P.O. Box 266 (Street or RFD) Manvel (City) Tx (State) 77578 (Zip)

(Signed) Joseph W. Ulrich (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 65-13-7
Located on map _____

1392 (Rev. 06-10-85) TEXAS WATER COMMISSION COPY

4820107558

Send original copy by certified return receipt requested mail to: **TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087**

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** Thomas P Tatham (Name) **ADDRESS** 3665 Willowick (Street or RFD) Houston (City) TX (State) 77019 (Zip)

2) **ADDRESS OF WELL:** County Harris 3665 Willowick (Street, RFD or other) Houston (City) TX (State) 77019 (Zip) **GRID #** 65-13-8

3) **TYPE OF WORK (Check):** ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) X N

6) **WELL LOG:**
Date Drilling: Started 4-25 19 98 Completed 4-27 19 98

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
7 7/8	Surface	420
4 3/4	420	440

7) **DRILLING METHOD (Check):** ☐ Driven ☐ Air Rotary ☑ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	27	TOP SOIL & CLAY
27	55	SURFACE SAND
55	85	CLAY
85	93	SAND
93	98	CLAY
98	127	SAND
127	163	CLAY
163	200	SAND
200	219	CLAY
219	297	SAND
297	315	CLAY
315	320	SAND
320	355	CLAY
355	380	SAND
380	410	CLAY
OVER	OVER	

(Use reverse side of Well Owner's copy, if necessary)

8) **Borehole Completion (Check):** ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5	N	SDR17 CASING	0	420	
2 1/2	N	GALVANIZED LINER	410	420	
2 1/2	N	S.S. R.B. SCREEN	420	440	.020

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from 0 ft. to 15 ft. No. of sacks used 10
370 ft. to 420 ft. No. of sacks used 3
Method used Halliburton / Trimine.
Cemented by Russell & Son Inc
Distance to septic system field lines or other concentrated contamination _____ ft.
Method of verification of above distance _____

10) **SURFACE COMPLETION** RECEIVED
☐ Specified Surface Slab Installed [Rule 338.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) **WATER LEVEL:**
Static level 200 ft. below land surface Date 4-27-98
Artesian flow _____ gpm. Date _____

12) **PACKERS:**

Type	Depth
K-Packer	410

13) **TYPE PUMP:** ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc.. 351 ft.

14) **WELL TESTS:**
Type test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 125 gpm with _____ ft. drawdown after _____ hrs.

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Russell & Son Inc. (Type or print) **WELL DRILLER'S LICENSE NO.** 3035

ADDRESS PO Box 874 (Street or RFD) Tomball (City) TX (State) 77377-0874 (Zip)

(Signed) Craig Russell (Licensed Well Driller) **(Signed)** _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 05-21-96) *White - TNRCC* *Yellow - DRILLER* *Pink - WELL OWNER*

48201233 18

STATE OF TEXAS WELL REPORT for Tracking #147326

Owner:	**Robert Lanier**	Owner Well #:	**No Data**
Address:	**3665 Willowick Houston, TX 77019**	Grid #:	**65-13-8**
Well Location:	**3665 Willowick Houston, TX 77019**	Latitude:	**29° 45' 21" N**
		Longitude:	**095° 26' 05" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Irrigation**

Drilling Start Date: **5/12/2008** Drilling End Date: **5/24/2008**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.5**	**0**	**325**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **2 STRING**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**295**	**56**
	0	**10**	**10**

Seal Method: **Positive Displacement**

Sealed By: **SDI**

Distance to Property Line (ft.): **25**

Distance to Septic Field or other concentrated contamination (ft.): **city**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **owner**

Surface Completion: **Surface Slab Installed**

Water Level: **165 ft.** below land surface on **2008-06-30** Measurement Method: **Unknown**

Packers: **k packer - 285**

Type of Pump: **Submersible** Pump Depth (ft.): **252**

Well Tests: **Jetted** **Yield: 70 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**No Data**	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Scott Drilling Inc**

11923 Green Pine Circle
Houston, TX 77066

Driller Name: **Scott Robinson** License Number: **4839**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	30	clay
30	45	sand
45	55	clay
55	60	sand
60	90	clay
90	100	sand
100	180	clay
180	200	sand
200	275	clay
275	325	sand

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5	N	PVC	casing 0-295
2.5	N	"	liner 285-295
2.5	N	"	screen 295-325 .08

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

STATE OF TEXAS WELL REPORT for Tracking #141269

Owner:	**Bob Lanier**	Owner Well #:	**No Data**
Address:	**3665 Willowick Houston, TX 77019**	Grid #:	**65-13-8**
Well Location:	**3665 Willowick Houston, TX 77019**	Latitude:	**29° 45' 21" N**
		Longitude:	**095° 26' 05" W**
Well County:	**Harris**	Elevation:	**No Data**

****This well has been plugged**** **Plugging Report Tracking #47997**

Type of Work: **New Well** Proposed Use: **Domestic**

Drilling Start Date: **3/19/2008** Drilling End Date: **3/20/2008**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.5**	**0**	**535**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **2 STRING**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**510**	**90**
	0	**10**	**10**

Seal Method: **Positive Displacement**

Sealed By: **SDI**

Distance to Property Line (ft.): **25**

Distance to Septic Field or other concentrated contamination (ft.): **city**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **owner**

Surface Completion: **Surface Slab Installed**

Water Level: **200 ft.** below land surface on **2008-03-24** Measurement Method: **Unknown**

Packers: **k packer - 500**

Type of Pump: **Submersible** Pump Depth (ft.): **462**

Well Tests: **Jetted** **Yield: 80 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**No Data**	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Scott Drilling Inc**

11923 Green Pine Circle
Houston, TX 77066

Driller Name: **Scott Robinson** License Number: **4839**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	30	clay
30	65	sand
65	85	clay
85	105	sand
105	170	clay
170	190	sand
190	220	clay
220	240	sand
240	280	clay
280	325	sand
325	370	clay
370	385	sand
385	410	clay
410	415	sand
415	485	clay
485	495	sand
495	510	clay
510	535	sand

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 N PVC casing 0-510			
2.5 N " liner 500-510			
2.5 N " screen 510-535 .06			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Please use black ink.
Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER: Ark Wrecking (Name) — Address: P.O. BOX 459 Pearland, Texas 77588 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris — 8½ miles in NW (N.E., S.W., etc.) direction from Houston (Town)
Riley Road

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ See attached map. (65-11-8W)

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☒ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 12/7/83

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	345

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top soil
3	8	Clay
8	90	Sand
90	96	Clay
96	110	Sand
110	260	Clay
260	270	Sand
270	334	Clay
334	345	Sand

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	PVC	0	334	40
2 1/2	N	PVC	315	335	80
2 1/2	N	Everflo	335	345	10

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 15 sacks ft. to _____ ft.
_____ ft. to _____ ft.
Method used Pressure
Cemented by O'Day Drilling Company, Inc.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 170 ft. below land surface Date 12/8/83
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

22

RECEIVED
AUG 16 1984
DEPT. OF WATER RESOURCES

(Use reverse side if needed.)

13) TYPE PUMP: ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 252 ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 40 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME O'Day Drilling Company, Inc. (Type or Print) — Water Well Driller's License No. 786

ADDRESS P.O. BOX 162 Pearland, Texas 77588 (Street or RFD) (City) (State) (Zip)

(Signed) Orlen O'Day (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 65-13-7 I
Located on map 4 x 6 MM

DEPARTMENT OF WATER RESOURCES COPY

TDWR 0392 (12/29/83)

4820107548

ATTENTION OWNER: Confidentiality
Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: CASTLE,JACK JR. ADDRESS: 3735 CHEVY CHASE - CITY: HOUSTON STATE: TX ZIP: 77019-

2) ADDRESS OF WELL:
County: HARRIS STATE WELL#
Street or RFD: 640 SHADY HOLLOW
City, State, Zip code: HOUSTON , TX 77056-

5)

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: IRRIGATION
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 00001

DATE DRILLING:
STARTED: 08/04/95
COMPLETED: 11/09/95

DIAMETER OF HOLE		
DIAMETER	FROM	TO
7.75	0	400
4.75	400	422

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: TWO-STRING
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

#65-13-8 N

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0"	N	PVC WELL CASING	1	400	SDR.17
2.5"	N	PVC BLANK PIPE	395	400	SCH.80
2.5"	N	STAINLESS ROD BASE	400	410	8 GA.
2.5"	N	STAINLESS ROD BASE	411	421	10 GA.
2.5"	N	PVC BLANK PIPE	421	422	SCH.80

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	20	BLACK TOPSOIL, WHITE CLAY
20	60	RED CLAY ROCK RED CLAY
60	80	RED CLAY ROCK,SAND,ROCK,SAND
80	100	ROCK,SAND,ROCK,SAND
100	120	SAND ROCK GREY CLAY
120	140	WHITE CLAY ROCK,SAND,ROCK,SAND
140	160	SAND CLAY,SAND
160	180	ROCK,SAND,ROCK,SAND
180	220	CLAY, SAND, CLAY
220	280	CLAY, SAND, CLAY
280	300	SAND CLAY,SAND
300	340	SAND
340	360	SAND SHALE ROCK
360	400	SAND SHALE SAND
400	422	COARSE SAND

9) CEMENTING DATA:

Cemented from		No. of Sacks Used
400 FT.	TO 250 FT.	12
1 FT.	TO 17 FT.	10

Method used: HALLIBURTON METHOD
Cemented by: GDI
Distance to septic field lines: ft.
Method of verification of above distance:
CITY SEWER

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 220 FT. DATE: 08/05/95
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
BP SEAL	395
FORMATION PACKER	17

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 320

14) WELL TEST:
JETTED
YIELD: 120 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: EXCELLENT DEPTH OF STRATA: 25 FT. OF SAND NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: GEOPHYSICAL DRILLING,INC. WATER WELL DRILLER'S LICENSE NO.: 4898WPK
ADDRESS: P.O. BOX 664 CITY: FULSHEAR STATE: TX ZIP CODE: 77441

FOR TWC USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Jimmy D. Briney (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

4820107602

65-21-3K

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

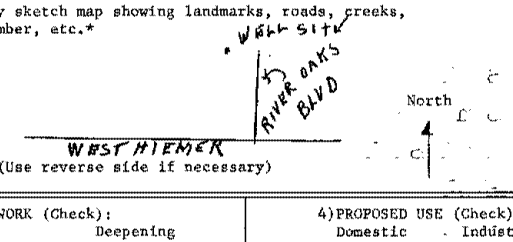
For TWDB use only
Well No. 65-21-3K
Located on map 74 Yes
Received dlb

1) OWNER:
Person having well drilled River Oak Country Club (Name) Address 1600 River Oaks Blvd. (Street or RFD) Hous (City) TX (State)

Landowner (same) (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris, _____ miles in _____ (N.E., S.W., etc.) direction from in Houston (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*



(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
~~New~~ Well, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check):
Domestic, Industrial, Municipal, ~~Irrigation~~, Test Well, Other

5) TYPE OF WELL (Check):
~~Rotary~~, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 30 in. Depth drilled 758 ft. Depth of completed well 726 ft. Date drilled 4-15-74
All measurements made from 6 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
57	90	Clay
90	110	Sand
110	125	Sand
125	140	~~Sand and Shale~~
140	150	Sand
150	160	Sand
160	175	Shale
175	190	Sticky shale
190	200	Sand
200	236	Sand and Gravel
236	260	Shale

(Use reverse side if necessary)

9) Casing:
Type: Old, (New), (Steel), Plastic, Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
12 3/4	0	721 in.	
10 3/4	550	616 ft.	

10) SCREEN:
Type _____
Perforated, (Slotted)

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
12 3/4	550	721	3/32
10 3/4	550	616	3/32

7) COMPLETION (Check):
Straight wall ✓, Gravel packed ✓, Other
Under reamed, Open Hole

8) WATER LEVEL:
Static level 275 ft. below land surface Date 5-2-74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 500 ft. below land surface.

11) WELL TESTS:
Was a pump test made? (Yes) No If yes, by whom? TWW Inc.
Yield: 608 gpm with 186 ft. drawdown after 1 hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes ✓
Did any strata contain undesirable water? Yes ✓
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A.E. Fawcett Jr. President (Type or Print) Water Well Drillers Registration No. 82

ADDRESS 3611 N. McCarty (Street or RFD) Houston (City) Texas (State) 77029

(Signed) A.E. Fawcett Jr. (Water Well Driller) TEXAS WATER WELLS INC. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area, e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.

260	270	Shale
270	295	Sand
295	310	Hard Shale
310	325	Shale
325	355	Shale
355	385	Sand
385	390	Shale
390	415	Sand
415	435	Sand
435	445	Shale
445	465	Sand
465	485	Shale
485	530	Sand
530	565	Sand
565	580	Shale
580	595	Sand
595	620	Shale
620	680	Sand
680	700	Sand

RECEIVED
MAY 17 1974
TEXAS WATER
DEVELOPMENT BOARD

RECEIVED
JUL 17 1974
Central Records
Texas Water Development Board

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-824

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by P. LIVINGSTON (E.W. BONNET 1-19-31) Source of data FILE Date 6-14-68 Map HOUSTON HEIGHTS 1955 1:24000

State TEXAS [48] County (or town) HARRIS [LJ]

Latitude: 29 45 17 N (N) Longitude: 095 25 46 Sequential number: [1]

Lat-long accuracy: [1] T. ____ N S, R ____ E W, Sec ____, ____ k, ____ k, ____ k

Local well number: LJ-65-13-824 Other number: B & M 602

Local use: Owner or name: RIVER OAKS COUNTRY CLUB

Owner or name: RIVER OAKS C.C. Address: HOUSTON, TEXAS

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [P]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mud, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other [U]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [Z]

DATA AVAILABLE: Well data [ ] Freq. W/L meas.: 1931 - 1966 [Q] Field aquifer char. [ ]

Hyd. lab. data: [ ]

Qual. water data; type: [ ]

Freq. sampling: 1-19-31 — '49 [A] Pumpage inventory: yes no, period: [ ]

Aperture cards: yes [ ]

Log data: [ ]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 887 ft [887] Meas. rept accuracy REPT. [6]

Depth cased (first perf.): 675 ft [675] Casing type: S; Diam. 10-8 in [10]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, (S) sd. pt., (T) shored, (W) open hole, (X) other [S]

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (X) other [H]

Date Drilled: 7-29 [929] Pump intake setting: ____ ft [ ]

Driller: LAYNE-TEXAS CO. HOUSTON, TEXAS (name, address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (X) other [N] Deep Shallow [ ]

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. ____ [ ] Trans. or meter no. ____

Descrip. MP HOLE IN PUMP BASE +2.0' ft above below LSD, Alt. MP ____

Alt. LSD: 56 [56] Accuracy (source): TOPO 5' [3]

Water Level ____ ft above below MP; Ft above below LSD [ ] Accuracy: ____ [ ]

Date meas: ____ [ ] Yield: ____ gpm [ ] Method determined [ ]

Drawdown: ____ ft [ ] Accuracy: ____ [ ] Pumping period ____ hrs [ ]

QUALITY OF WATER DATA: Iron ____ ppm [ ] Sulfate ____ ppm [ ] Chloride ____ ppm [ ] Hard. ____ ppm [ ]

Sp. Conduct ____ K x 10^6 [ ] Temp. ____ °F [ ] Date sampled [ ]

Taste, color, etc.

Well No. LJ-65-13-824

Well No. LJ-65-13-824

Latitude-longitude 29.45.17 N 95.25.46
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: COASTAL PLAIN (20–21) 03 Section: _____

F (22) Drainage Basin: _____ (23–25) 511R Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series (28–29) T _____ aquifer, formation, group (30–31) E

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: 149 ft (38–40) 149 Depth to top of: _____ ft (41–43)

MINOR AQUIFER: _____ system, _____ series (44–45) _____ aquifer, formation, group (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: 675-715; 755-864'

Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

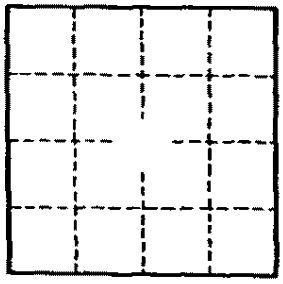
Depth to basement: _____ ft (65–68) Source of data: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

Coefficient Trans: _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)

WELL FIRST 776', DEEPENED TO 887' JULY 1929.



Well No. LJ-65-13-824

GPO 857-700

WRD Exp. (CW)
April 1966

Well No. LJ-65-13-801

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD (T. Brown) R.K.G. (7-1-63)

Record by W.L.N. (12-15-47) Source of data FILES Date 3-5-68 Map 1:24000 Houston Heights 1955

State TEXAS 48 County (or town) HARRIS 201

Latitude: 29 45 18 N (deg min sec) Longitude: 095 25 48 (degrees min sec) Sequential number: 1

Lat-long accuracy: 1 T. ___ N S, R ___ E W, Sec ___, ___ ¼, ___ ¼, ___ ¼

Local well number: LJ-65-13-801 Other number: WELL #2 B & M W-64

Local use: Owner or name: RIVER OAKS COUNTRY CLUB

Owner or name: RIVER OAKS C.C. Address:

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist PRIVATE P

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mud, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other PS & IRR. I

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Exc, (O) Obs, (O) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdrew, (X) Waste, (Z) Destroyed W

DATA AVAILABLE: Well data 2 Freq. W/L meas.: Quarterly 1957- Q Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 2-10-50 A Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: E-Log T-30 IN OUR FILES TO 1,229 E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1227 ft 1227 Meas. (rept) Driller accuracy 3

Depth cased (First perf.) 617 ft 617 Casing type: S; Dim. 16-6 5/8 in 16

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (V) shored, (X) open hole, (Z) other Scatter Sc. S

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot, (J) jetted, (F) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other H

Date Drilled: 9-13-49 949 Pump intake setting: 330 ft (964) 330

Driller: LAYNE-TEXAS CO., HOUSTON, TEXAS (name, address)

Lift (type): (A) air, (B) bucket, (C) cent., (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other T Deep Shallow D

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 100 H.P. T-E V Trans. or meter no.

Descrip. MP ___ ft above below LSD. Alt. MP 54±'

Alt. LSD: 52±' 52 Accuracy (source): Topo. 5' 3

Water Level 189.27 ft above below MP; Ft above below LSD 189 Accuracy: tape

Date meas: 12-19-57 57 Yield: — gpm Method determined

Drawdown: ___ ft Accuracy: Pumping period ___ hrs

QUALITY OF WATER DATA: Iron ___ ppm Sulfate ___ ppm Chloride ___ ppm Hard. ___ ppm

Sp. Conduct ___ K x 10^6 Temp. ___ °F Date sampled

Taste, color, etc.

Well No. LJ-65-13-801

Well No. LJ-65-13-801

Latitude-longitude 29 d 45 m 18 s N 095 d 25 m 48 s W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: COASTAL PLAINS (20–21) 03 Section: _____

F (22) Drainage Basin: _____ (23–25) 51R Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series, T (28–29) _____ aquifer, formation, group, E (30–31)

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: 158 ft (38–40) 158 Depth to top of: _____ ft (41–43)

MINOR AQUIFER: _____ system, _____ series (44–45) _____ aquifer, formation, group (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: 617-661, 706-716, 934-954, 1022-1053, 1098-1120, 1179-1210

Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

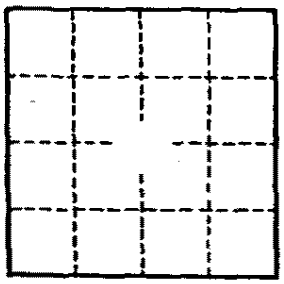
Coefficient Trans: _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)

11-12-63 installed new 6 5/8" liner
PL 290' @ 697 gpm } LT
static 234'

New well in 1973

log:
0-597 = 16"
507-1277 = 6"



Well No. LJ-65-13-801

GPO 857-700

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-601

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by McAdoo Nathel C Gabrysch 1961 — Source of data File — Date 2-15-68 — Map 1:24000 Houston Heights 1955

State Texas 48 — County (or town) Harris 1 — LJ

Latitude: 29 49 31 N — Longitude: 095 24 08 — Sequential number: 1

Lat-long accuracy: 1 — T. ___ N S, R ___ W Z, Sec ___, ___ k, ___ k, ___ k

Local well number: LJ-65-13-601 — Other number: #10 B & M

Local use: — Owner or name: City of Houston

Owner or name: CITY OF HOUSTON — Address: Heights Plant

Ownership: (C) County, (F) Fed Gov't, (M) City, (R) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — M

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mnd, (N) Ind, (P) F S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-F S, (Y) Desal-other, (Z) Other — P

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Exc, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (S) Destroyed — W

DATA AVAILABLE: Well data 1 — Freq. W/L meas.: Annual 1949 — 5 — Field aquifer char.

Hyd. lab. data:

Qual. water data: type:

Freq. sampling: 7-3-49 — A — Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: F-log (T-9) — E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 1880 ft 1880 — Meas. (Rept) Driller accuracy — 3

Depth cased (first perf.): 600 ft 600 — Casing type: S ; Diam. 24-12 in 24

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (V) shored, (X) open hole, (Z) other — G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other — H

Date Drilled: 5-19-49 — 949 — Pump intake setting: ft

Driller: Texas Water Wells, Inc. (name) Houston, Texas (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other — T — Deep / Shallow — D

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 200 — W — Trans. or water no.

Descrip. MP: Top of agitator Pipe +1.1 ft above/below LSD. Alt. MP

Alt. LSD: 73 — 73 — Accuracy (source): Topo 5' — 3

Water Level: 139.08 ft above/below MP; Ft above/below LSD — 138 — Accuracy: Meas — A

Date meas: 7-19-49 — 749 — Yield: 2540 gpm — 2540 — Method determined — 4

Drawdown: 68 ft — 68 — Accuracy: meas. — D — Pumping period 96 hrs — 96

QUALITY OF WATER DATA: Iron ppm — Sulfate ppm — Chloride ppm — Hard. ppm

Sp. Conduct K x 10^6 — Temp. °F — Date sampled

Taste, color, etc.

P/L = 207
137

Well No. LJ-65-13-601

Well No. LJ-65-13-601

Latitude-longitude 29 49 31 N 095 24 08 1
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: Coastal Plain (20–21) 03 Section: _____

(22) F Drainage Basin: _____ (23–25) 51 R Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series (28–29) T _____ aquifer, formation, group (30–31) E

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: 420 ft (38–40) 420 Depth to top of: _____ ft (41–43)

MINOR AQUIFER: _____ system, _____ series (44–45) _____ aquifer, formation, group (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: * 600 - 1860

Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

Coefficient Trans: _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)

* Screen

600-640	40
660-680	20
720-770	50
835-860	25
900-1000	100
1020-1080	60
1250-1300	50
1345-1360	15
1710-1730	20
1790-1810	30
1840-1860	20

Csg.

24" 0-575'
12" 468-1880

Drill Stem test from:

955-1007' - Cl - 36 ppm
2541-2586' - Cl - 1340 ppm
2323-2380' - Cl - 148 ppm

Well No. LJ-65-13-601

GPO 857-700

(11-74)

Water Resources Division
Austin, Texas

020968

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 49 31	095 24 08	01

County code 201 County HARRIS

Well # LJ-65-13-601

Project number 7-4648-01000

Date 2-9-77 Time ____ Temp°C 25.0

Owner City of Houston

Address Heights #10

Date drld 1949 WBF code 121 EVGL

Sample interval: (top) 600 (bottom) 1860

Water level ____ Appr Clear Use PS

Collector Butler Yield ____ GPM

Smpld aftr pmpg ____ Depth 1880

Pt of coll Tap on discharge

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule ____

Other ____

Herbicide ____ Insecticide ____

Remarks:

Type 2 (1) Station identification number 29493109524080 1 (2–16)

Y M D (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008	1880	04	
Yield (GPM)	00059			
Sample interval TOP	72015	6000	03	
Sample interval BOTTOM	72016	1860	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2500	02		25.0
pH	00400	8300	01		8.3
Specific conductance	00095	5100	03		510
HCO_3	00440	2270	03		227
CO_3	00445	0000	01		0
Chloride (Cl)	00940	4700	02		47
Sulfate (SO_4)	00945	1200	02		12
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31625				
Streptococci	31673				
BOD	00310				

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

U1JJ1

Latitude ° ' "	Longitude ° ' "	Seq. No.
9 4 9 3 1	0 9 5 2 4 0 8	0 1

County code 201 County Harris

Well # LJ-65-13-601

Project number 4648-01000

Date 2-4-76 Time — Temp°C 25.5

Owner City of Houston

Address Heights #10

Date drld — WBF code 121 EV6-L

Sample interval: (top) 600 (bottom) 1860

Water level — Appr c/ow Use PS

Collector Stafel Yield — GPM

Smpld aftr pmpg on arrival Depth —

Pt of coll Tap on discharge

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

utrients MBAS BOD TOC DOC

Std chem schedule I

Other

Herbicide Insecticide

Remarks: —

Type 2 (1) Station identification number 29493169524081 (2–16)

Y M D 76 02 04 (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	6000	03	
Sample interval BOTTOM	72016	1860	04	
Water level	72019			

Sampled after pumping	Parameter code	Value	Exp.	Rmk	
	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2550	02		25.5
pH	00400	8000	01		8.0
Specific conductance	00095	5140	03		514
HCO_3	00440	2260	03		226
CO_3	00445	0000	01		0
Chloride (Cl)	00940	4500	02 down		45
Sulfate (SO_4)	00945	1500	02		15
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

Austin, Texas

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 49 31	095 24 08	01

County code 201 County Harris

Well # LJ-65-13-601

Project number 5-4648-01000

Date 2-3-75 Time ____ Temp°C 24.5

Owner City of Houston

Address Heights #10

Date drld 5-19-49 WBF code 121EVCU

Sample interval: (top) 600 (bottom) 1860

Water level ____ Appr ____ Use PS

Collector Naftel Yield ____ GPM

Smpld aftr pmpg on arr. Depth 1880

Pt of coll tap on pipe

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I+SO4

Other ____

Herbicide ____ Insecticide ____

Remarks:

Type 2 (1) Station identification number 2949310952408 01 (2–16)

Y M D: 75 02 03 (17–22, Begin)

Time of measurement ____ (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008	1880	04	
Yield (GPM)	00059			
Sample interval TOP	72015	6000	03	
Sample interval BOTTOM	72016	1860	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2450	02		24.
pH	00400	7600	01		7.6
Specific conductance	00095	5040	03		504
HCO_3	00440	2110	03		211
CO_3	00445	0000	01		0
Chloride (Cl)	00940	4700	02	up 3	47
Sulfate (SO_4)	00945	1300	02		13
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

Water Quality Division
Austin, Texas

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 49 31	095 24 08	01

County code 101 County Harris

Well # LJ-65-13-601

Project number J-4648-01000

Date 9-17-76 Time 1145 Temp°C ?

Owner City of Houston

Address Heights #10

Date drld — WBF code 121 Eval

Sample interval: (top) 600 (bottom) 1860

Water level — Appr Clear Use PS

Collector Bryant Yield — GPM

Smpld aftr pmpg on arrival Depth —

Pt of coll tap on discharge

Field: Cond — pH — HCO_3 — DO —

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I

Other

Herbicide Insecticide

Remarks:

Type 2 (1)

Station identification number 294931095240 8 (2–16)

Y M D: 76 09 17 (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	6000	03	
Sample interval BOTTOM	72016	1860	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010				
pH	00400	7700	01		7.7
Specific conductance	00095	5230	03		523
HCO_3	00440	2290	03		229
CO_3	00445	0000	01		0
Chloride (Cl)	00940	4700	02		47
Sulfate (SO_4)	00945	1200	02		12
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Streptococci	31679				
BOD	00310				

#2

Please use black ink.
Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Reed Marian (Name) Address #8 Shadder Way (Street or RFD) Houston (City) (State) (Zip)

2) LOCATION OF WELL:
County Harris _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☐ Industrial ☐ Public Supply ☒ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 11/15/85

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6½	Surface	465
4½	465	492

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☒ Other 2 - String
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	3	Clay
3	40	Red Sand
40	60	Clay
60	108	Tan Sand 010
108	130	Red Clay
130	165	Tan Sand 012
165	235	Red Clay
235	260	Gray Sand 010-014
260	292	White Clay
292	326	Salt & Pepper Sand 010
326	327	Rock
327	467	Shale
467	458	Bisken Sand
458	492	Salt & Pepper Sand 006-012-004
492		Sand

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Galv. 808 Pipe	0	464	Case
2½	N	Galv. Sch 40 Pipe	459	470	Line
2½	N	S.S. Rod Base			10'00
		Wesco Screen	470	490	10'00
2½	N	Galv Sch 40 Pipe	490	492	Blank

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 10 4 Sacks
3 15 ft. to 465 8 Sacks
Method used Pressure
Cemented by "OS"

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☒ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 265 ft. below land surface Date 11/20/85
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth
N/A

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 315 ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 75 gpm with _____ ft. drawdown after _____ hrs.

RECEIVED
FEB 4 1986
TEXAS WATER COMMISSION

(Use reverse side if necessary)

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Almeda Water Well (Type or Print) Water Well Driller's License No. 1876

ADDRESS P.O. Box 266 (Street or RFD) Manvel (City) Tx (State) 77578 (Zip)

(Signed) Joseph W. Welch (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 65-13-8
Located on map _____

DEPARTMENT OF WATER RESOURCES COPY

TDWR 0292 (12/29/83)

4820107613

STATE OF TEXAS WELL REPORT for Tracking #404314

Owner:	**CAMPO, RICHARD**	Owner Well #:	**04385**
Address:	**2910 LAZY LANE HOUSTON, TX 77019**	Grid #:	**65-13-8**
Well Location:	**2910 LAZY LANE HOUSTON, TX 77019**	Latitude:	**29° 45' 22" N**
		Longitude:	**095° 25' 03" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Irrigation**

Drilling Start Date: **7/8/2015** Drilling End Date: **7/14/2015**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8**	**0**	**361**
	4.5	**360**	**391**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **TWO STRING/K-PACKER**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**360**	**63**

Seal Method: **PRESSURE-HALIBURTON**

Sealed By: **AWWS**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **50+**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **OWNER**

Surface Completion: **Pitless Adapter Used**

Water Level: **175 ft.** below land surface on **2015-07-12** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **Submersible** Pump Depth (ft.): **315**

Well Tests: **Jetted** **Yield: 125 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**391**	**NOT TESTED**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **ALMEDA WATER WELL SERVICE**

PO BOX 266
MANVEL, TX 77578

Driller Name: **MIKE PYBURN** License Number: **2843**

Comments: **^GJU**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

From (ft)	To (ft)	Description
0	**3**	**SOIL**
3	**6**	**CLAY-TAN**
6	**60**	**SAND-TAN-.006-.008**
60	**260**	**CLAY-RED**
260	**277**	**SAND-TAN-FINE, SAND-TAN-.006-.008**
277	**360**	**CLAY-RED**
360	**391**	**SAND-GRAY-FINE SAND-GRAY-.006-.008**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5	**N**	**P.V.C. S.D.R. 17**	**0 360 CASING**
3	**N**	**P.V.C. SCH. 40**	**350 361 LINER**
3	**N**	**P.V.C. UNDERBAR**	**361 381 .005**
3	**N**	**P.V.C. SLOTTED**	**381 391 .006**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

DUP

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-30-2H
Located on map 135
Received: RWB

1) OWNER T. W. Gothard (Name) Address 7942 Ridgeview (Street or RFD) Houston (City) TX (State) 77055 (Zip)

2) LOCATION OF WELL: County Brazoria 4 miles in N.W. (N.E., S.W., etc.) direction from Pearland (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

2

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ See attached map. #7 ON 65-29-8P

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 12/16/81

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
4	Surface	131

From (ft.)	To (ft.)	Description and color of formation material
0	4	Top Soil
4	34	Clay
34	39	Sandy Red Clay
39	70	Clay
70	88	Sand & Gravel
88	107	Clay
107	125	Sand .006
125	130	Sand W/Blue Shale & Wood
130	131	Clay

(Use reverse side if necessary)

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	To	Gage Casing Screen
2	N	PVC Casing	0	116	40
2	N	PVC Screen			
		Slotted .006	116	126	40

CEMENTING DATA
Cemented from 0 ft. to 10 ft.
Method used Grouted
Cemented by Paul W. Rhodes (Company or Individual)

9) WATER LEVEL:
Static level 6 ft. below land surface Date 12/16/81
Artesian flow ----- gpm. Date ------

10) PACKERS: Type Depth
Rubber Formation 113' & 107'

11) TYPE PUMP:
☐ Turbine ☒ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 30 ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 40 gpm with Air ft. drawdown after -- hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Good Depth of strata 18'
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

RECEIVED AUG 30 1982 CR/TDWR

NAME Paul W. Rhodes (Type or Print) Water Well Drillers Registration No. 1827

ADDRESS P. O. Box 752 (Street or RFD) Alvin (City) Texas (State) 77511 (Zip)

(Signed) Paul W. Rhodes (Water Well Driller) WALKER WATER WELL SERVICE, INC. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-730

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513730
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.759723
Latitude (degrees minutes seconds)	29° 45' 35" N
Longitude (decimal degrees)	-95.466944
Longitude (degrees minutes seconds)	095° 28' 01" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCTL - Chicot Aquifer, Lower
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	62
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	403
Well Depth Source	Another Government Agency
Drilling Start Date	
Drilling End Date	0/0/1938
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Public Supply
Water Level Observation	Miscellaneous Measurements
Water Quality Available	Yes
Pump	Turbine
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	R.W. Gillette West Oak Addition
Driller	L. Patterson
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	U.S. Geological Survey
Created Date	5/13/1999
Last Update Date	5/13/1999

Remarks	Screen from 368 to 403 ft. Supplies West Oak Addition.

Casing - No Data

Well Tests - No Data

Lithology - No Data

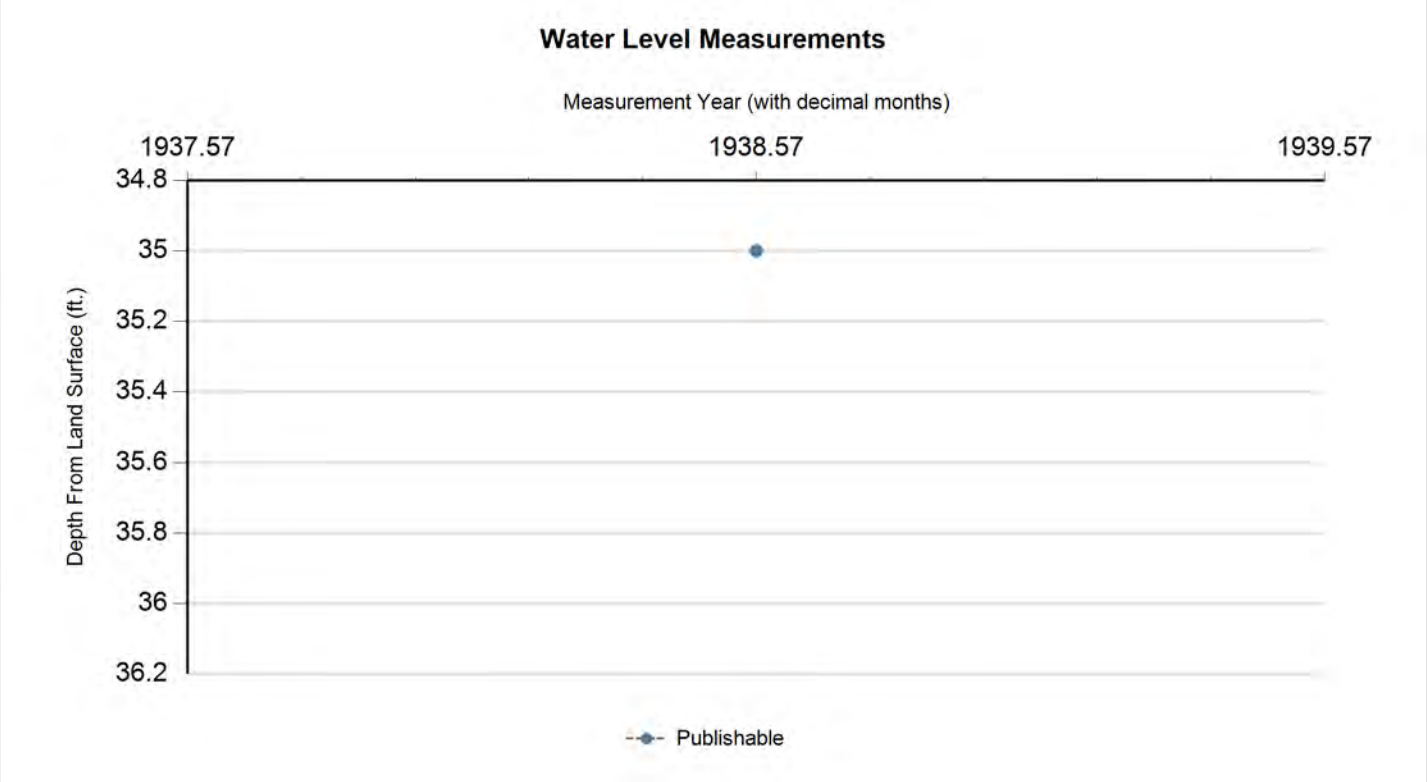
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	6/0/1938		35		27	1	Registered Water Well Driller	Unknown		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis

Sample Date: 2/10/1939 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:**

Sampled Aquifer: Chicot Aquifer, Lower

Analyzed Lab: **Reliability:** Reliability unknown or not available

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		208.14	mg/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		254	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		68	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.1	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		222	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)		0.3	mg/L	
00929	SODIUM, TOTAL (MG/L AS NA)		42	mg/L	
00945	SULFATE, TOTAL (MG/L AS SO4)		8	mg/L	

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Send original copy by certified return receipt requested mail NRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** ST. THOMAS HIGH SCHOOL (Name) **ADDRESS** 4500 MEMORIAL (Street or RFD) HOUSTON (City) TX. (State) 77007 (Zip)

2) **ADDRESS OF WELL:** County HARRIS NORTH SHEPHERD (Street, RFD or other) HOUSTON (City) TX. (State) (Zip) **GRID #** 65-13-9

3) **TYPE OF WORK (Check):** [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) **PROPOSED USE (Check):** [ ] Monitor [ ] Environmental Soil Boring [ ] Domestic [ ] Industrial [X] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) X N

6) **WELL LOG:**
Date Drilling:
Started 12/2 19 96
Completed 12/6 1996

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8 3/4	Surface	485
5 3/4	485	520

7) **DRILLING METHOD (Check):** [ ] Driven [ ] Air Rotary [X] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

From (ft.)	To (ft.)	Description and color of formation material
0	22	TOP SOIL & CLAY
22	47	SURFACE SAND
47	79	CLAY
79	115	SAND
115	206	CLAY
206	231	SAND
231	305	CLAY
305	330	SAND
330	365	SANDY CLAY
365	380	SAND & ROCK
380	440	CLAY
440	450	SAND
450	485	CLAY
485	497	SAND
497	505	CLAY

(Use reverse side of Well Owner's copy, if necessary)

8) **Borehole Completion (Check):** [ ] Open Hole [X] Straight Wall [ ] Underreamed [ ] Gravel Packed [ ] Other
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
6	N	BLACK STEEL WELD	0	485	
4	N	GALVANIZED	475	485	
4	N	S.S.R.B.	485	497	.12
4	N	S.S.R.B.	505	520	.15

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from 0 ft. to 50 ft. No. of sacks used 25
385 ft. to 485 ft. No. of sacks used 15
Method used HALLIBURTON/TRIMME
Cemented by BUSSELL & SON, INC.
Distance to septic system field lines or other concentrated contamination _____ ft.
Method of verification of above distance _____

RECEIVED JAN 22 1996 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

13) **TYPE PUMP:** [ ] Turbine [ ] Jet [X] Submersible [ ] Cylinder [ ] Other
Depth to pump bowls, cylinder, jet, etc., 336 ft.

10) **SURFACE COMPLETION**
[ ] Specified Surface Slab Installed [Rule 338.44(2)(A)]
[X] Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
[ ] Pitless Adapter Used [Rule 338.44(3)(b)]
[ ] Approved Alternative Procedure Used [Rule 338.71]

14) **WELL TESTS:**
Type test: [ ] Pump [ ] Bailer [X] Jetted [ ] Estimated
Yield: 300± gpm with _____ ft. drawdown after _____ hrs.

11) **WATER LEVEL:**
Static level XXXX 221 ft. below land surface Date 12/6/96
Artesian flow _____ gpm. Date _____

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? [ ] Yes [X] No

12) **PACKERS:**

	Type	Depth
6X4	K-PACKER	475
6X4	K-PACKER	476
6X4	K-PACKER	477

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME BUSSELL & SON, INC. (Type or print) **WELL DRILLER'S LICENSE NO.** 2035

ADDRESS P.O. BOX 874 (Street or RFD) TOMBALL (City) TX. (State) 77377-0874 (Zip)

(Signed) Craig Bussell (Licensed Well Driller) **(Signed)** _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 05-21-96) *White - TNRCC* *Yellow - DRILLER* *Pink - WELL OWNER*

4" NEW BLANK LINER 497' - 505'

505'	520'	SAND
520'	600'	CLAY & SAND STREAKS

X

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 720 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 58 Longitude - 95 29 18 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - M. R. Pretty Driller -

Address _____ Tenant/Oper. _____
Date Drilled - / / Depth - 90 ft. Source of Depth - Altitude - 71 ft. Source of Alt. -
Aquifer - 112CHCTU CHICOT AQUIFER,UPPER Well Type - W User -

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (
Open Hole (O)
Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To

LIFT DATA - Pump Mfr. _____ Type - CENTRIFUGAL PUMP No. Stages _____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- DOMESTIC Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data-

WATER LEVELS Date- 09/00/1932 Measurement- -32.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 09/30/2002

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB R178

Aquifer - 112CHCTU
Well No. - 65 13 720

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-213

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513213
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.840556
Latitude (degrees minutes seconds)	29° 50' 26" N
Longitude (decimal degrees)	-95.441111
Longitude (degrees minutes seconds)	095° 26' 28" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	86
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	291
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1967
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Industrial
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Sigmor Oil Co.
Driller	Lowry Water Wells
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178: Screen from 281 to 291 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

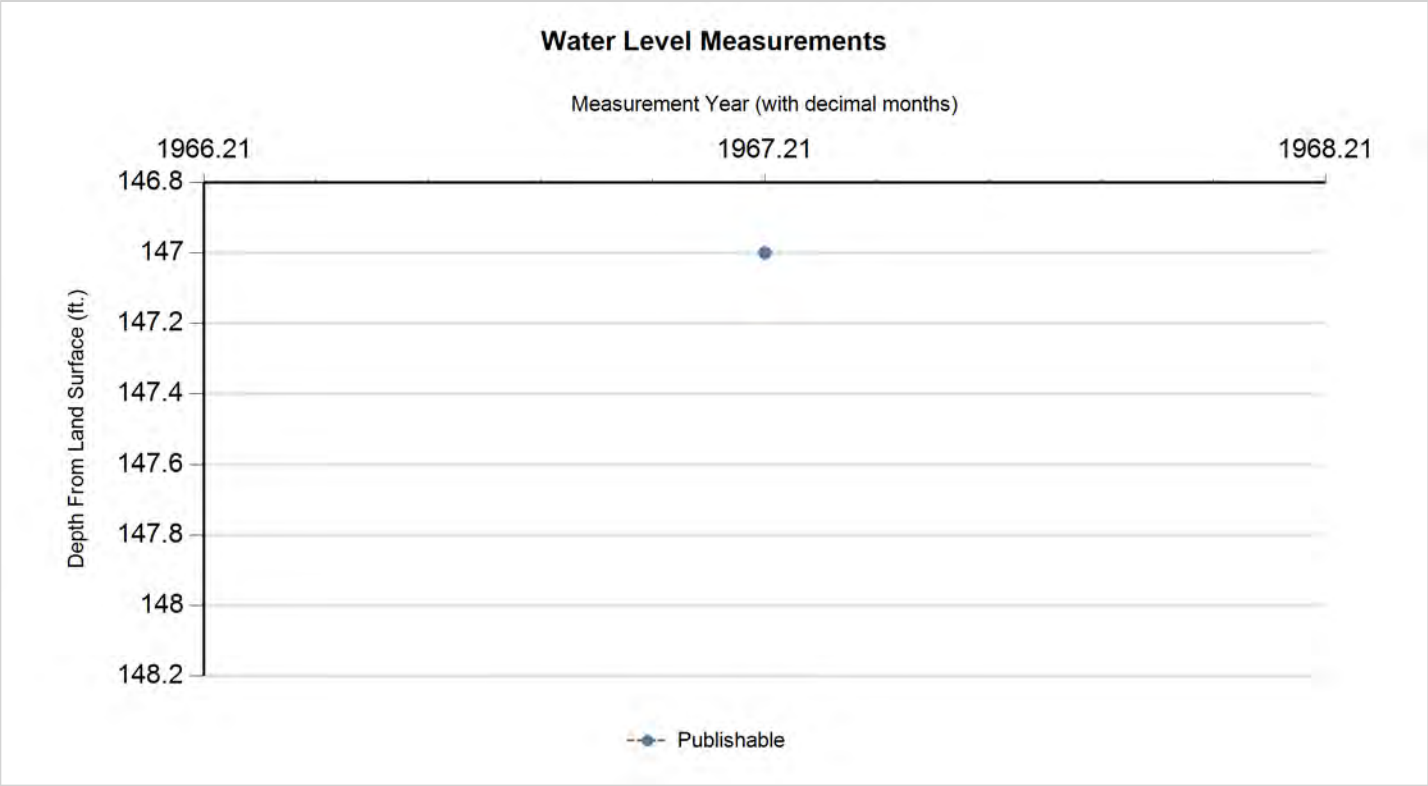
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	3/17/1967		147		-61	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER H.L.&P. (Name) Address P.O. BOX 1700 (Street or RFD) HOUSTON (City), TX. (State) 77001 (Zip)

2) LOCATION OF WELL: County HARRIS O miles in in (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. ____ Block No. ____ Township ____
Abstract No. ____ Survey Name ____
Distance and direction from two intersecting section or survey lines ____

KING SUBSTATION ☒ See attached map. 65-30-288

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☒ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other ____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other ____

6) WELL LOG:

Date drilled 11-2-83

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	506

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other ____
If Gravel Packed give interval . . . from ____ ft. to ____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	3	TOP SOIL
3	30	CLAY
30	80	SAND
80	130	CLAY
130	190	SAND
190	215	CLAY
215	230	SAND
230	240	CLAY
240	264	SAND
264	330	CLAY
330	340	SAND
340	360	CLAY
360	395	SAND
395	484	CLAY
484	506	SAND

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	GALV.	0	478	WW
2½	N	GALV.	465	486	WW
2½	N	STEEL	486	506	20

CEMENTING DATA
Cemented from 20 SACKS ft. to ____ ft.
Method used PRESSURE
Cemented by O'DAY DRILLING CO, INC. (Company or Individual)

9) WATER LEVEL:
Static level 230 ft. below land surface Date 11-9-83
Artesian flow ____ gpm. Date ____

10) PACKERS: Type Depth

11) TYPE PUMP: ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other ____
Depth to pump bowls, cylinder, jet, etc., 273 ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 20 gpm with ____ ft. drawdown after ____ hrs.

11

RECEIVED
AUG 16 1984
DEPT. OF WATER RESOURCES

(Use reverse side if

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME O'DAY DRILLING CO, INC (Type or Print) Water Well Driller's License No. 786

ADDRESS P.O. BOX 162 (Street or RFD) PEARLAND (City), TX (State) 77588 (Zip)

(Signed) Dalen O'Day (Licensed Water Well Driller) (Signed) ____ (Registered Driller Trainee)

For TDWR use only
Well No. 65-13-9H
Located on map 420 MM

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER H.L.&P. (Name) Address P.O.BOX 1700 HOUSTON, TX. 77001 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County HARRIS 0 miles in in (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

UVALDE RD. ☒ See attached map. 65-30-2BB

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☒ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 10-26-83

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	510

From (ft.)	To (ft.)	Description and color of formation material
0	3	TOP SOIL
3	146	CLAY
146	156	SAND
156	200	CLAY
200	220	SAND
220	245	CLAY
245	286	SAND
286	320	CLAY
320	348	SAND
348	473	CLAY
473	510	SAND

(Use reverse side if more space is needed)

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	GALV.	0	470	W/W
2 1/2	N	PVC	460	490	80
2 1/2	N	EVERFLO	490	510	12

CEMENTING DATA
Cemented from 20 SACKS ft. to _____ ft.
Method used PRESSURE
Cemented by O'DAY DRILLING Co., INC. (Company or Individual)

9) WATER LEVEL:
Static level 230' ft. below land surface Date 11-8-83
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP: ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 213 ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 30 gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

12

RECEIVED
AUG 16 1984
DEPT. OF WATER RESOURCES

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME O'DAY DRILLING Co. INC (Type or Print) Water Well Driller's License No. 186

ADDRESS PO BOX 162 (Street or RFD) PEARLAND, TX (City) 77588 (State) (Zip)

(Signed) Alan O'Day (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 65-13-9T
Located on map GEOMM

TDWR-0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY

HOUSTON
HARRIS COUNTY
TEXAS
25
17
11
12
8
3
4
16
2
23
1
5
14
19
13
10
20
24
26

STATE OF TEXAS WATER WELL REPORT

*1) Owner: HOSSEIN TABRIZI Address: 1000 KIRBY City: HOUSTON State: TX ZIP: 77019

2) LOCATION OF WELL:
County: HARRIS 0 miles in IN direction from HOUSTON

LEGAL DESCRIPTION:
Section No.: H-230 Block No.: W Township: HOUSTON
Abstract No.: KIRBY Survey Name:
Distance and direction from two intersecting section or survey lines: MEMORIAL & KIRBY

RECEIVED
FEB 28 1990
TEXAS WATER COMMISSION

3) TYPE OF WORK: NEW WELL
4) PROPOSED USE: IRRIGATION
5) DRILLING METHOD: MUD ROTARY

6) WELL LOG:

DIAMETER OF HOLE

DIAMETER	FROM	TO
6.5	0	500

7) BOREHOLE METHOD: STRAIGHT WALL
IF GRAVEL... FROM FT TO FT

Date Drilled: 01/23/90

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	TOP SOIL
3	80	CLAY
80	113	SAND
113	220	CLAY
220	245	SAND
245	310	CLAY
310	330	SAND
330	454	CLAY
454	461	SAND
461	465	CLAY
465	500	SAND

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING	SCREEN
4	N	STEEL CASING	0	457		WW	
2.5	N	GALVANIZED LINER	449	470		WW	
2.5	N	MILLSLOT SCREEN	470	500		20	

9) CEMENTING DATA:
Cemented from 457 FT. TO 0 FT.
FT. TO FT.
Method used: PRESSURE
Cemented by: ODCI

10) SURFACE COMPLETION:
OTHER

H-1

11) WATER LEVEL:
STATIC LEVEL : 250 FT. DATE 01/23/90
ARTESIAN FLOW: GPM. DATE / /

12) PACKERS: TYPE DEPTH
SEAL 449

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 399

14) WELL TEST:
JETTED
YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

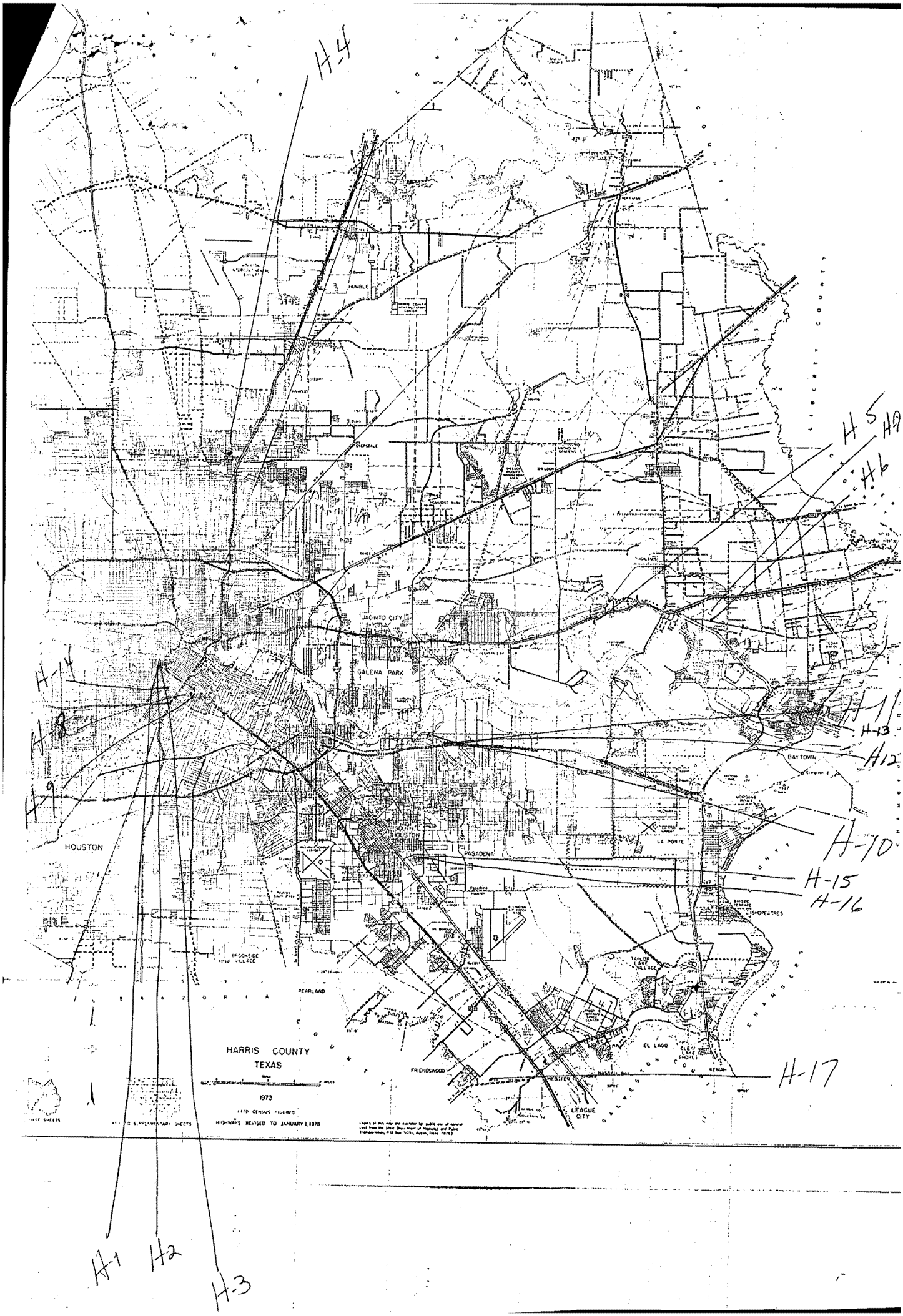
15) WATER QUALITY:
TYPE OF WATER: GOOD WATER DEPTH OF STRATA: 35
NO STRATA OF UNDESIRABLE WATER PENETRATED

NO CHEMICAL ANALYSIS MADE

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877
ADDRESS: P. O. BOX 162 CITY: PEARLAND STATE: TX ZIP CODE: 77588

(signed) Michael O'Day (signed)

65-13-9


H-4
H-5
H-9
H-6
H-14
H-8
H-9
H-11
H-13
H-12
H-10
H-15
H-16
H-17
H-1
H-2
H-3
HOUSTON
JACINTO CITY
GALENA PARK
BAY TOWN
CLEAR PARK
LA PORTE
PASADENA
PEARLAND
FRIENDSWOOD
EL LAGO
LEAGUE CITY
HARRIS COUNTY
TEXAS
1973
HIGHWAYS REVISED TO JANUARY 1, 1978

STATE OF TEXAS WATER WELL REPORT

1) Owner: HOSSEIN TABRIZI Address: 1000 KIRBY City: HOUSTON State: TX ZIP: 77019

2) LOCATION OF WELL:
County: HARRIS 0 miles in W direction from HOUSTON

LEGAL DESCRIPTION:
Section No.: H 230 Block No.: W Township: HOUSTON
Abstract No.: KIRBY Survey Name:
Distance and direction from two intersecting section or survey lines: MEMORIAL & KIRBY

RECEIVED
FEB 28 1990
TEXAS WATER COMMISSION

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: IRRIGATION

5) DRILLING METHOD: MUD ROTARY

6) WELL LOG:

DIAMETER OF HOLE

DIAMETER	FROM	TO
7.5	0	489

7) BOREHOLE METHOD: STRAIGHT WALL
IF GRAVEL... FROM FT TO FT

Date Drilled: 11/14/89

0265-13-9 BAD MAP

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	TOP SOIL
3	80	CLAY
80	113	SAND
113	220	CLAY
220	249	SAND
249	310	CLAY
310	330	SAND
330	332	ROCK
332	462	CLAY
462	494	SAND

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5	N	PVC CASING	0	404	SDR 17
3	N	GALVANIZED LINER	368	459	WW
3	N	EVERFLO SCREEN	459	489	12

9) CEMENTING DATA:
Cemented from 404 FT. TO 0 FT.
FT. TO FT.
Method used: PRESSURE
Cemented by: ODCI

H-2

10) SURFACE COMPLETION:
OTHER

11) WATER LEVEL:
STATIC LEVEL : 260 FT. DATE 12/14/89
ARTESIAN FLOW: GPM. DATE / /

12) PACKERS: TYPE SEAL DEPTH 368

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 331

14) WELL TEST:
JETTED
YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

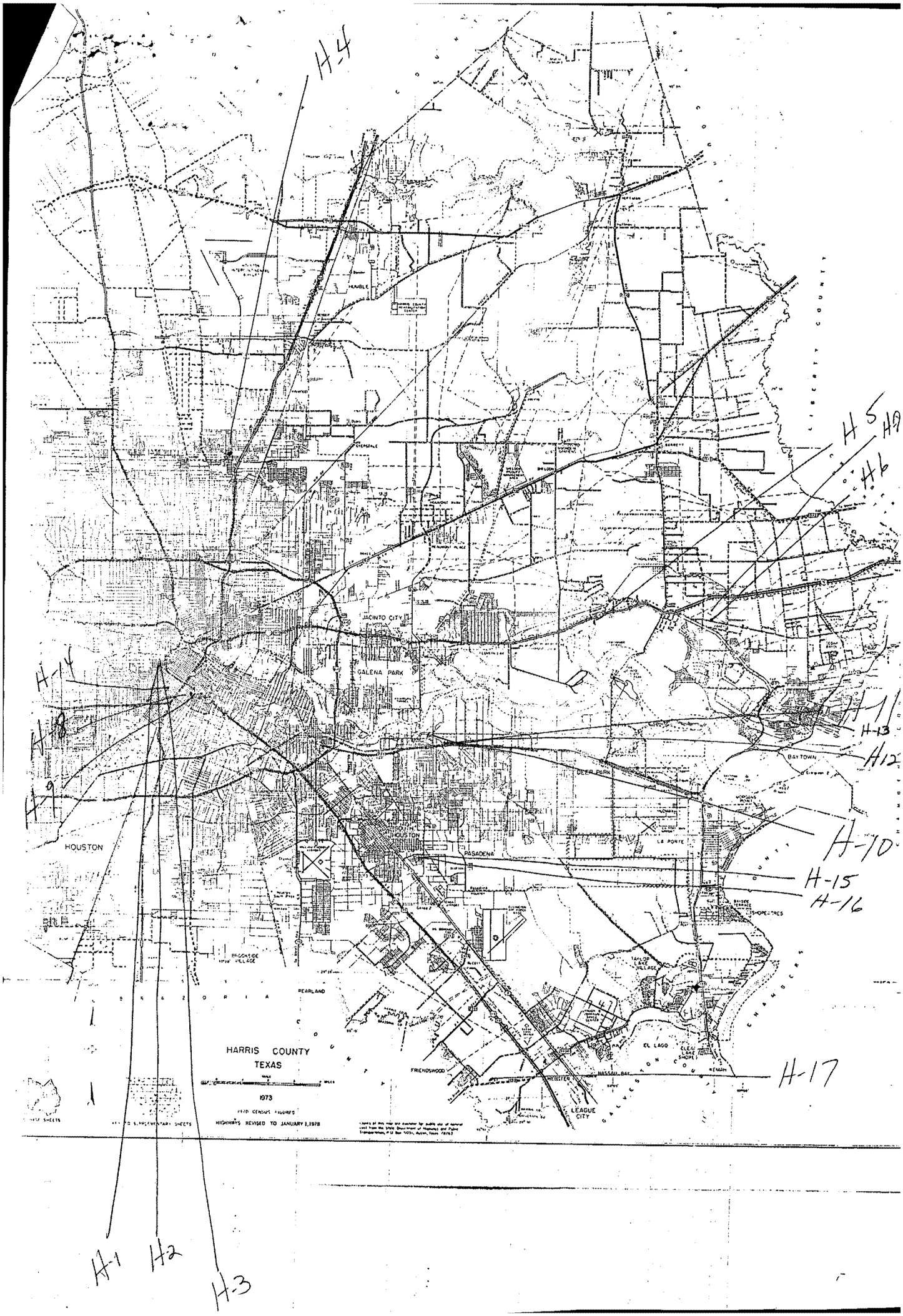
15) WATER QUALITY:
TYPE OF WATER: GOOD WATER DEPTH OF STRATA: 32
NO STRATA OF UNDESIRABLE WATER PENETRATED

NO CHEMICAL ANALYSIS MADE

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877
ADDRESS: P. O. BOX 162 CITY: PEARLAND STATE: TX ZIP CODE: 77588

(signed) Michael Day (signed)

65-13-9


H-4
H-5
H-9
H-6
H-14
H-8
H-9
H-11
H-13
H-12
H-10
H-15
H-16
H-17
H-1
H-2
H-3
HOUSTON
JACINTO CITY
GALENA PARK
BAY TOWN
CLEAR PARK
LA PORTE
PASADENA
PEARLAND
FRIENDSWOOD
EL LAGO
LEAGUE CITY
HARRIS COUNTY
TEXAS
1973
HIGHWAYS REVISED TO JANUARY 1, 1978

Please use black ink.
Send original copy by certified mail to the
Texas Water Commission
P.O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Mrs. W.F. Chao (Name) Address 3994 Inverness Houston, Tx. 77019 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 6½ miles in WSW (N.E., S.W., etc.) direction from DT Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Well is at 3994 Inverness

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
X ☐ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☒ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling:
Started March 5 19 90
Completed " 8 19 "

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
4	Surface	472
6½	"	412

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
		0 fill e5 clay 25 red sand 50 clay 202 sand 222 red clay 279 sand 289 rock 291 sand 3o4 clay 330 sand 342 clay 359 sand 365 clay 389 sand 398 clay 402 sand 430 clay 448 course sand 470 clay 472

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfr., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Galvanized casing Plus1	402	11	
2½	N	Lap & linerGal	391	450	Sd140
2½	N.	SS RB Screen	450	470	14
2½	N	BPV & set nipple	470	472	

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 402 ft. to Gl ft. No. of Sacks Used 30
_____ ft. to _____ ft. No. of Sacks Used _____
Method used Halliburton
Cemented by _____

RECEIVED
APR 27 1990
TEXAS WATER COMMISSION

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☒ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 235 ft. below land surface Date 8 March
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth
Rubber seal 391

Grundfos model 40S75-25 with 7½ HP 230 volt, single stator, 3 phase Franklin Pump is set 340' on 2" galnanized, Two 302 Wel X T ol
(Use reverse side if necessary)

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 340 ft.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: 75 gpm with 43 ft. drawdown after ½ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME B.J. Swinehart Co., Inc (Type or Print) Water Well Driller's License No. 229

ADDRESS 7524 N. Freeway Houston, Texas 77037 (Street or RFD) (City) (State) (Zip)

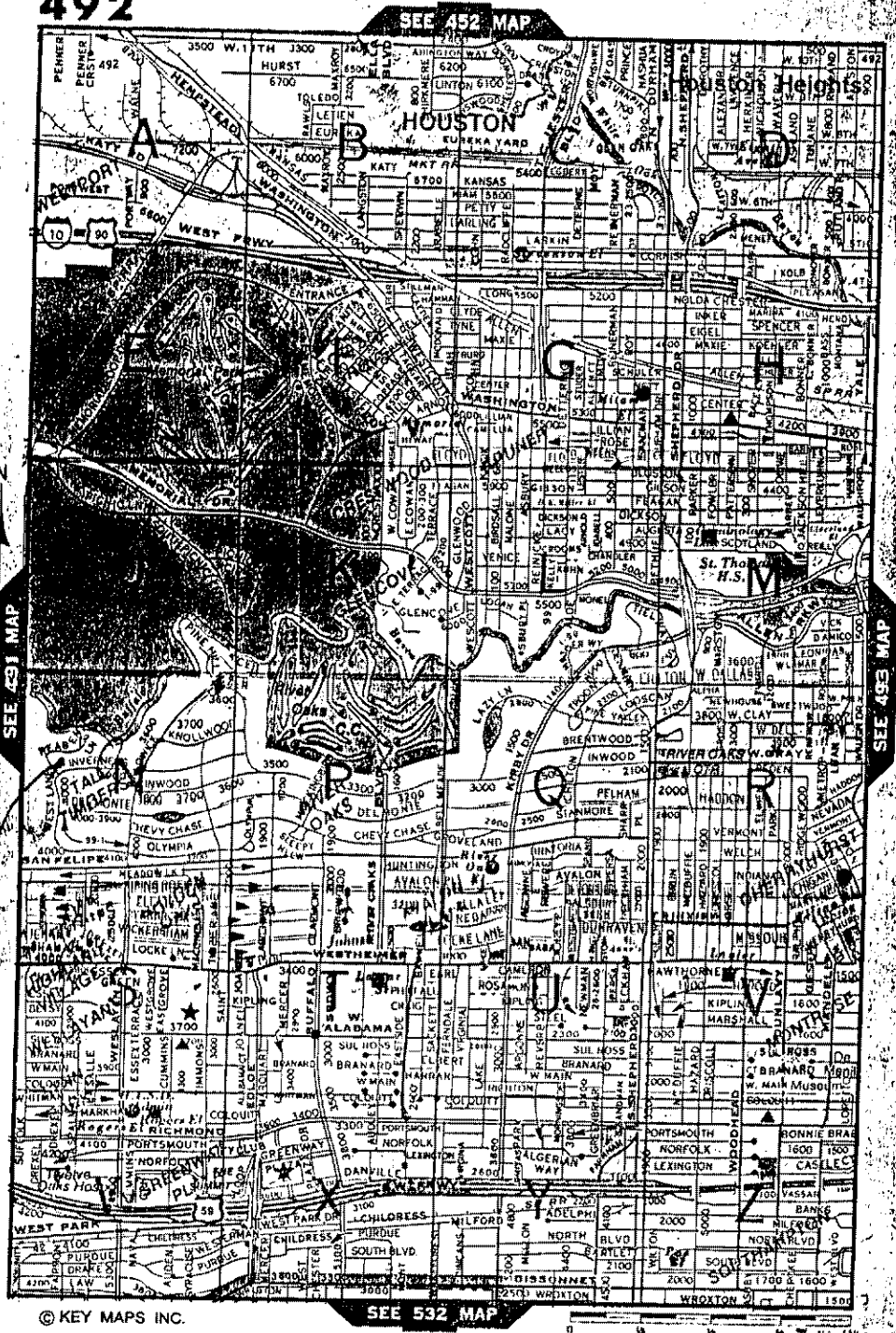
(Signed) [signature] (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Use attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 15-13-8
Located on map _____

12 (Rev. 06-10-85) TEXAS WATER COMMISSION COPY

4820107598


SEE 452 MAP
SEE 491 MAP
SEE 493 MAP
SEE 532 MAP
HOUSTON
Pecan Heights
A
B
C
D
E
F
G
H
K
L
M
N
P
Q
R
S
T
U
V
X
Y
Z
Rice Oaks G.C.
St. Thomas H.S.
WEST FRWY
WASHINGTON
WEST PARK
SOUTH BLVD
NORTH BLVD
BISSONNET
WROXTON
CHEVY CHASE
INWOOD
BRANARD
PORTSMOUTH
NORFOLK
LEXINGTON
DANVILLE
CHILDRESS
PURDUE
SAN FELIPE
RIVER OAKS
BRIARHOLLOW
BUFFALO
BAYOU
N

© KEY MAPS INC.

Send original copy by certified return receipt requested mail to: TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: *Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)*

State of Texas WELL REPORT

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER Frank Weeden (Name) ADDRESS 1515 Huge oaks (Street or RFD) Houston (City) TX (State) (Zip)

2) ADDRESS OF WELL'S LOCATION: County Harris Same (Street, RFD or other) (City) (State) (Zip) Long. ____ Lat. ____ Grid # 65-13-4

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

(4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [✓] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5)

6) WELL LOG:
Date Drilling:
Started 5-31-2000
Completed 5-31-2000

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
7	Surface	48

7) DRILLING METHOD (Check): [ ] Driven [ ] Air Rotary [X] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other ____

N

From (ft.)	To (ft.)	Description and color of formation material
0	20	White Clay
20	32	White Sand
32		Rock
32	43	White Sand
43		Rock
43	45	Yellow Sand
45	48	Red Clay

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): [ ] Open Hole [ ] Straight Wall [ ] Underreamed [✓] Gravel Packed [ ] Other ____
If Gravel Packed give interval from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Plastic Casing	0	35	Sch 40
4	N	Plastic Screen	35	45	.006

9) CEMENTING DATA
Cemented from 0 ft. to 20 ft. No. of sacks used 9
____ ft. to ____ ft. No. of sacks used ____
Method used Pressure
Cemented by Raymond Services, Inc.
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance Customer

13) [ ] Well plugged within 48 hours

Casing left in well: From (ft)	To (ft)	Cement/bentonite placed in well: From (ft)	To (ft)	Sacks used:

14) TYPE PUMP:
[ ] Turbine [ ] Jet [✓] Submersible [ ] Cylinder
[ ] Other ____
Depth to pump bowls, cylinder, jet, etc., ____ ft.

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed
[✓] Specified Steel Sleeve Installed
[ ] Pitless Adapter Used
[ ] Approved Alternative Procedure Used

15) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [✓] Jetted [ ] Estimated
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

11) WATER LEVEL:
Static level 22 ft. below land surface Date 6-2-2000
Artesian flow ____ gpm. Date ____

16) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? [ ] Yes [ ] No

12) PACKERS: Type

FILED AUG 29 2000 RECEIVED

I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Services, Inc. (Type or print) WELL DRILLER'S LICENSE NO. 4577WI

ADDRESS 10011 Airline Drive, Houston, TX 77037
(Street or RFD) (City) (State) (Zip)

(Signed) ____ (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDLR FORM 001WWD (4/98) *White - TDLR Yellow - DRILLER Pink - WELL OWNER*

1/120124625

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER ERNEST MITSCHKE (Name) ADDRESS 1401 HUGE OAKS (Street or RFD) HOUSTON (City) TX (State) 77055 (Zip)

2) LOCATION OF WELL: 1401 HUGE OAKS
County HARRIS _____ miles in _____ (NE, SW, etc.) direction from _____ (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ SEE ATTACHED MAP

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 7-26 1994 Completed 7-28 1994

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
7 7/8	Surface	400
4 3/4	400	420

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give Interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	16	TOP SOIL & CLAY
16	35	SULFUR SAND
35	38	CLAY
38	56	SAND
56	127	CLAY
127	156	SAND
156	240	CLAY
240	275	SAND
275	295	CLAY
295	318	SAND & ROCK

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5	N	SDR17	0	400	
3	N	GALVANIZED	394	400	
3	N	S.S.R.B.	400	420	.014

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used 10
350 ft. to 400 ft. No. of Sacks Used 3
Method used HALLIBURTON / TRIMME
Cemented by BUSSELL & SON INC

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level 215 ft. below land surface Date 7-28-94
Artesian flow _____ gpm. Date _____

12) PACKERS: Type K-PACKER Depth 394

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 336 ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 150 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

RECEIVED SEP 23 1994 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME BUSSELL & SON INC (Type or print) WELL DRILLER'S LICENSE NO. 2035

ADDRESS P O BOX 874 (Street or RFD) TOMBALL (City) TX (State) 77377-0874 (Zip)

(Signed) Craig Bussell (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

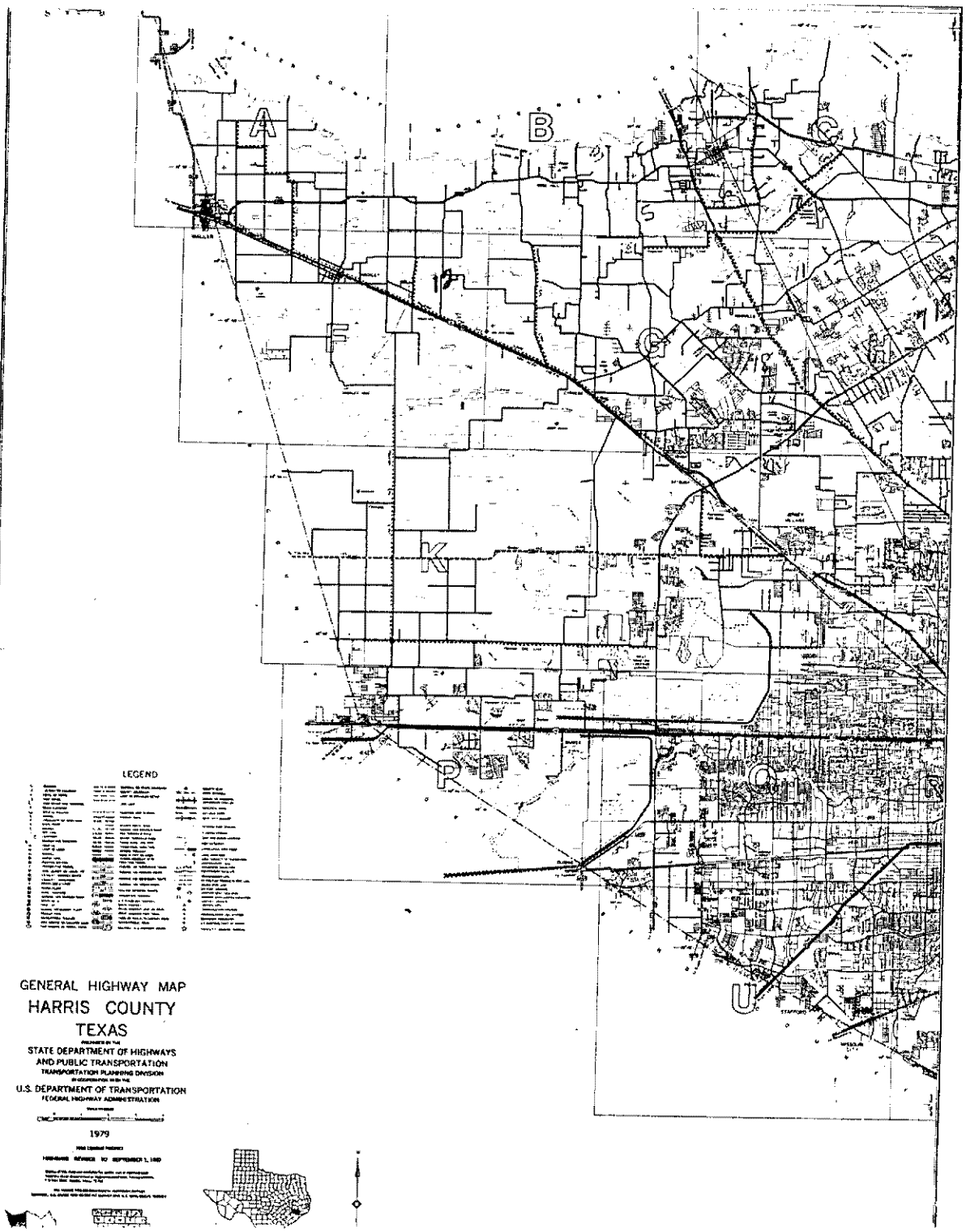
For TNRCC use only: Well no. 1 Located on map 5113-1

TNRCC-0199 (Rev. 05-18-90)

TNRCC COPY

4820107572

HARRIS COUNTY
TEXAS
1979
HOUSTON
GALVESTON
BAY
C
D
H
J
P
N
O
M
V
K
W
X
Y


A
B
C
S
F
G
K
P
C
R
U
LEGEND
GENERAL HIGHWAY MAP
HARRIS COUNTY
TEXAS
STATE DEPARTMENT OF HIGHWAYS
AND PUBLIC TRANSPORTATION
TRANSPORTATION PLANNING DIVISION
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
1979

65-13-4F

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

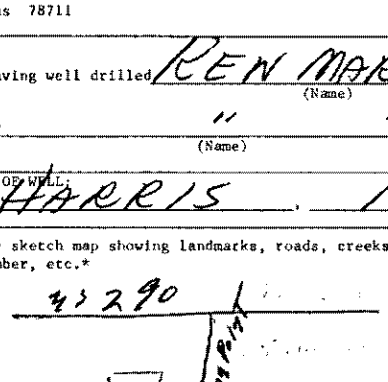
For TWDB use only
Well No.
Located on map
Received:

1) OWNER:
Person having well drilled REN MARTIN (Name) Address 1414 HUGE OAKS (Street or RFD) HOUSTON (City) TEX (State)

Landowner " (Name) " Address " (Street or RFD) " (City) " (State)

2) LOCATION OF WELL:
County HARRIS 15 miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*



(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Lot LOT #17 League
Block # 3 Survey
Abstract No. MONARCH OAKS 2ND SECTION
(NW¼ NE¼ SW¼ SE¼) of Section

3) TYPE OF WORK (Check): New Well ✓ Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): Rotary ✓ Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 5¼ in. Depth drilled 48 ft. Depth of completed well 48 ft. Date drilled 3-24-74

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOP SOIL
2	20	GRAY CLAY
20	30	SHALE & SAND MIX
30	38	SAND
38	39	ROCK
39	48	SAND

(Use reverse side if necessary)

9) Casing:
Type: Old Lwd Steel Plastic Other
Cemented from ft. to ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
3	0	40	Sch 40

10) SCREEN:
Type Plastic
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
3	40	48	8

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 20 ft. below land surface Date 3-24-74
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., 30 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: gpm with ft. drawdown after hrs.
Bailer test gpm with ft. drawdown after hrs.
Artesian flow gpm
Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No
Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B LUMPKIN, JR (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 7507 JANAK DR. (Street or RFD) HOUSTON (City) TEXAS (State)

(Signed) John B Lumpkin Jr (Water Well Driller) LONG POINT WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

4820111022

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

1) OWNER Vernon Clinger (Name) Address 8021 Westview Houston Tex (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 10 miles in W (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

#2

☐ Legal description: Section No. ____ Block No. ____ Township ____ Abstract No. ____ Survey Name ____ Distance and direction from two intersecting section or survey lines ____

☑ See attached map. Map on 65-12-74

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other ____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other ____

6) WELL LOG:

Date drilled 7-10-84

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	50

From (ft.)	To (ft.)	Description and color of formation material
0	8	Clay
8	50	Sand

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other ____

If Gravel Packed give interval . . . from ____ ft. to ____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfr., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	PVC Casing	0	40	40
2 1/2	N	PVC Screen	40	50	80
		6 gage			

CEMENTING DATA

Cemented from 0 ft. to 15 ft.

Method used Gravity

Cemented by CY-FAIR WATER WELL SERVICE (Company or Individual)

9) WATER LEVEL:

Static level 25 ft. below land surface Date 7-10-84

Artesian flow ____ gpm. Date ____

10) PACKERS: Type Depth

Formation 15 & 40

11) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other ____

Depth to pump bowls, cylinder, jet, etc., 34 ft.

12) WELL TESTS: ☐ Type Test. ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated

Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

13) WATER QUALITY:

Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No

If yes, submit "REPORT OF UNDESIRABLE WATER"

Type of water? ____ Depth of strata ____

Was a chemical analysis made? ☐ Yes ☐ No

RECEIVED JAN 10 1985 DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME CY-FAIR WATER WELL SERVICE (Type or Print) Water Well Driller's License No. 1101

ADDRESS 11630 Mueller Cem. Rd Cypress Tex 77429 (Street or RFD) (City) (State) (Zip)

(Signed) John R. Fuller (Licensed Water Well Driller) (Signed) Dup (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only: Well No. 65-13-UQ Located on map Yes DLF

TDWR 0392 (Rev. 5-27-82) DEPARTMENT OF WATER RESOURCES COPY

4820111033

Send original copy by certified mail to: TNRCC, P.O. Box 1[redacted] Austin, TX 78711-3087 [redacted] *Please use black ink.*

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER Lesley Kahanek (Name) **ADDRESS** 1414 Monarch Oaks (Street or RFD) Houston (City) TX (State) 77055 (Zip)

2) ADDRESS OF WELL: County Harris same (Street or RFD) (City) (State) (Zip) **GRID #** 65-12-6

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☒ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N

6) WELL LOG:
Date Drilling:
Started 12/18 19 96
Completed 12/18 19 96

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
4	Surface	52

7) DRILLING METHOD (Check): ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	27	Clay
27	32	Sand
32	36	Rock
36	50	White Sand

(Use reverse side if necessary)

8) Borehole Completion (Check): ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☒ Gravel Packed ☐ Other
If Gravel Packed give interval ... from 40 ft. to 50 ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
2	N	Plastic	0	40	SCH 40
2	N	Plastic Screen	40	50	.008

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 40 ft. No. of sacks used 12
ft. to ft. No. of sacks used
Method used Pressure
Cemented by Raymond Services
Distance to septic system field lines 78 ft.
Method of verification of above distance Customer

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 338.44(2)(A)]
☒ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL:
Static level 16 ft. below land surface Date 12/18/96
Artesian flow gpm. Date

12) PACKERS: Type Depth
NONE

13) TYPE PUMP: ☐ Turbine ☒ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

14) WELL TESTS:
Type test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 12 gpm with ft. drawdown after hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Depth of strata
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Services (Type or print) **WELL DRILLER'S LICENSE NO.** 4577WI

ADDRESS 10011 Airline Dr. (Street or RFD) Houston (City) TX (State) 77037 (Zip)

(Signed) (Licensed Well Driller) **(Signed)** (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 09-01-93)

TNRCC COPY

STATE OF TEXAS WATER WELL REPORT

1) OWNER: MOSHIER,COLBY ADDRESS: 1217 ARCHLEY CITY: HOUSTON STATE: TX ZIP: 77701-
2) LOCATION OF WELL: County: HARRIS 6 miles in SE direction from JERSEY VILLAGE

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: DOMESTIC 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00361

DIAMETER OF HOLE

DIAMETER	FROM	TO
6.75	0	303'
3.875	303'	317'

7) BOREHOLE METHOD:
TWO STRING/K-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 08/15/90

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	9	CLAY-WHITE
9	38	SAND-WHITE-.010-.012
38	45	BROKEN SAND & CLAY
45	136	CLAY-RED
136	152	SAND-GRAY-.010-.012
152	155	BROKEN SAND & CLAY
155	162	GRAVEL
162	239	CLAY-BLUE
239	273	SAND-TAN-.010-.012
273	293	CLAY-BLUE
293	317	SAND-TAN-.010-.012

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
4	N	P.V.C. SCH.40	0	303'		CASING
2.5	N	P.V.C. SCH.80	299'	301'		LINER
2.5	N	P.V.C. - SLOTTED	301'	314'		.010
2.5	N	P.V.C. SCH.80	314'	317'		BLANK

9) CEMENTING DATA:
Cemented from 0 FT. TO 303' FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 203' FT. DATE: 08/17/90
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

RECEIVED
APR 18 1991
TEXAS WATER WELL DRILLERS BOARD

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 275'

14) WELL TEST:
JETTED
YIELD: 35 GPM WITH FT DRAWDOWN AFTER HRS

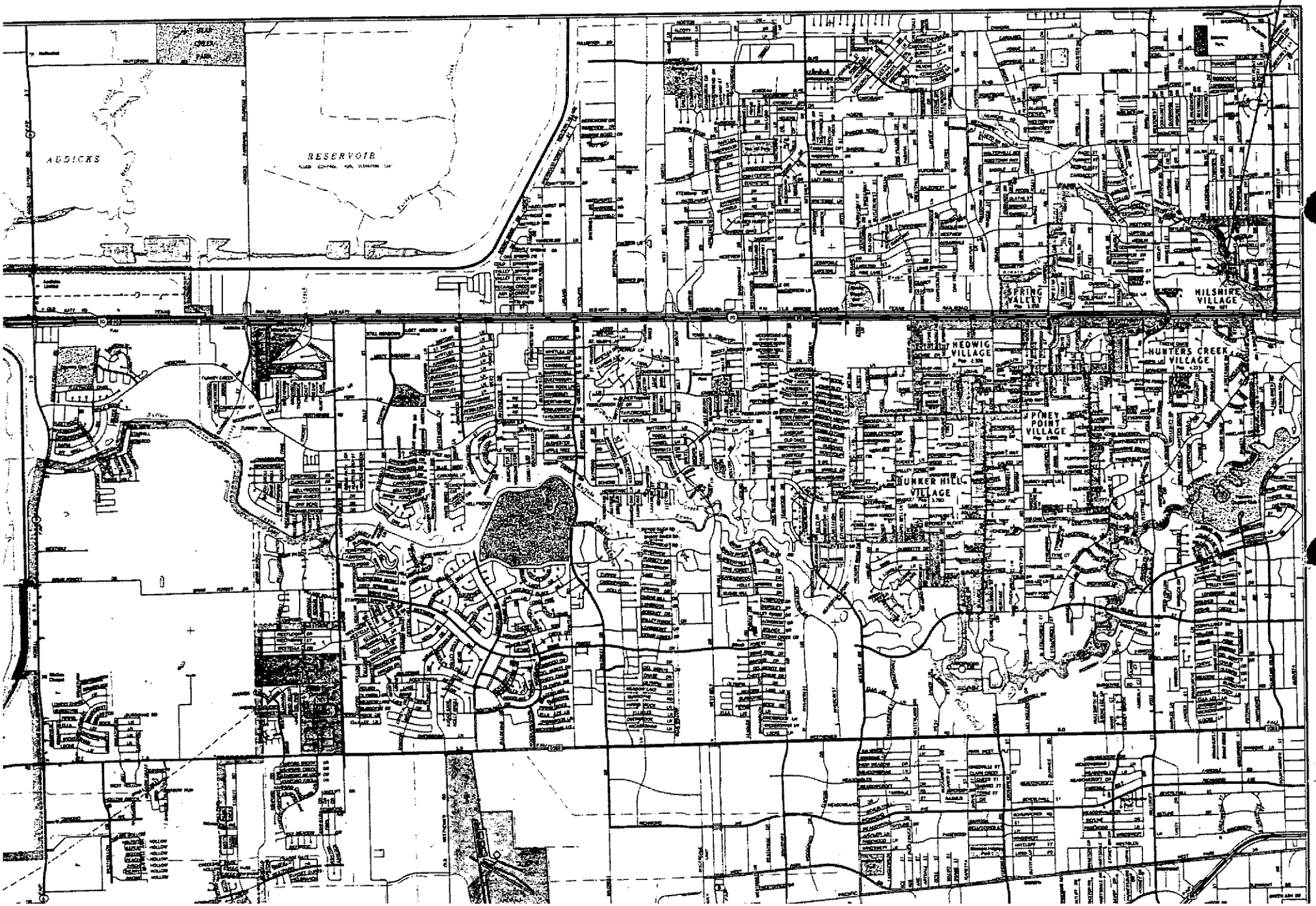
15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 317' NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY
WELL NO. 65-73-7
LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Mike Pyburn (signed)
(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)


MOSHER
AUDICKS
RESERVOIR
SPRING VALLEY
WILSHIRE VILLAGE
HEDWIG VILLAGE
HUNTERS CREEK VILLAGE
PINEY POINT VILLAGE
BUNKER HILL VILLAGE

104 WL# 104

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-13-10
Located on map 105
Received: C.E.B.

1) OWNER Royal Oberle (Name) Address 3339 Fremont (Street or RFD) Hou. (City) Tx (State) 77018 (Zip)

2) LOCATION OF WELL: 3339 Fremont County Harris 10 miles in NW (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☐ See attached map. mapon 60-57-2H

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 3-31-82

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4"	Surface	355

From (ft.)	To (ft.)	Description and color of formation material
0	19	top soil + Clay
19	31	Sand (fine)
31	163	Clay
163	182	Sand
182	248	Clay
248	330	Clay + Sandy Clay
330	355	Sand + Gravel

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	P.V.C.	0	340	
2	N	Gal. Steel	335	345	
2	N	P.V.C. W.O.P.	345	355	.020

CEMENTING DATA
Cemented from 290 ft. to 340 ft.
Method used Halliburton
Cemented by Russell & Son, Inc. (Company or Individual)

9) WATER LEVEL: 238
Static level 224 ft. below land surface Date 4-1-82
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 231 ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

RECEIVED
JAN - 4 1983
DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Craig O. Bussell (Type or Print) Water Well Drillers Registration No. 2035

ADDRESS 9739 N. Houston-Rosslyn (Street or RFD) Houston (City) TEXAS (State) 77088 (Zip)

(Signed) Craig O. Bussell (Water Well Driller) Bussell & Son, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-217

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513217
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.840278
Latitude (degrees minutes seconds)	29° 50' 25" N
Longitude (decimal degrees)	-95.431389
Longitude (degrees minutes seconds)	095° 25' 53" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	86
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	245
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1969
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Parker Garage
Driller	Raymond Water Wells
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178: Screen from 235 to 245 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

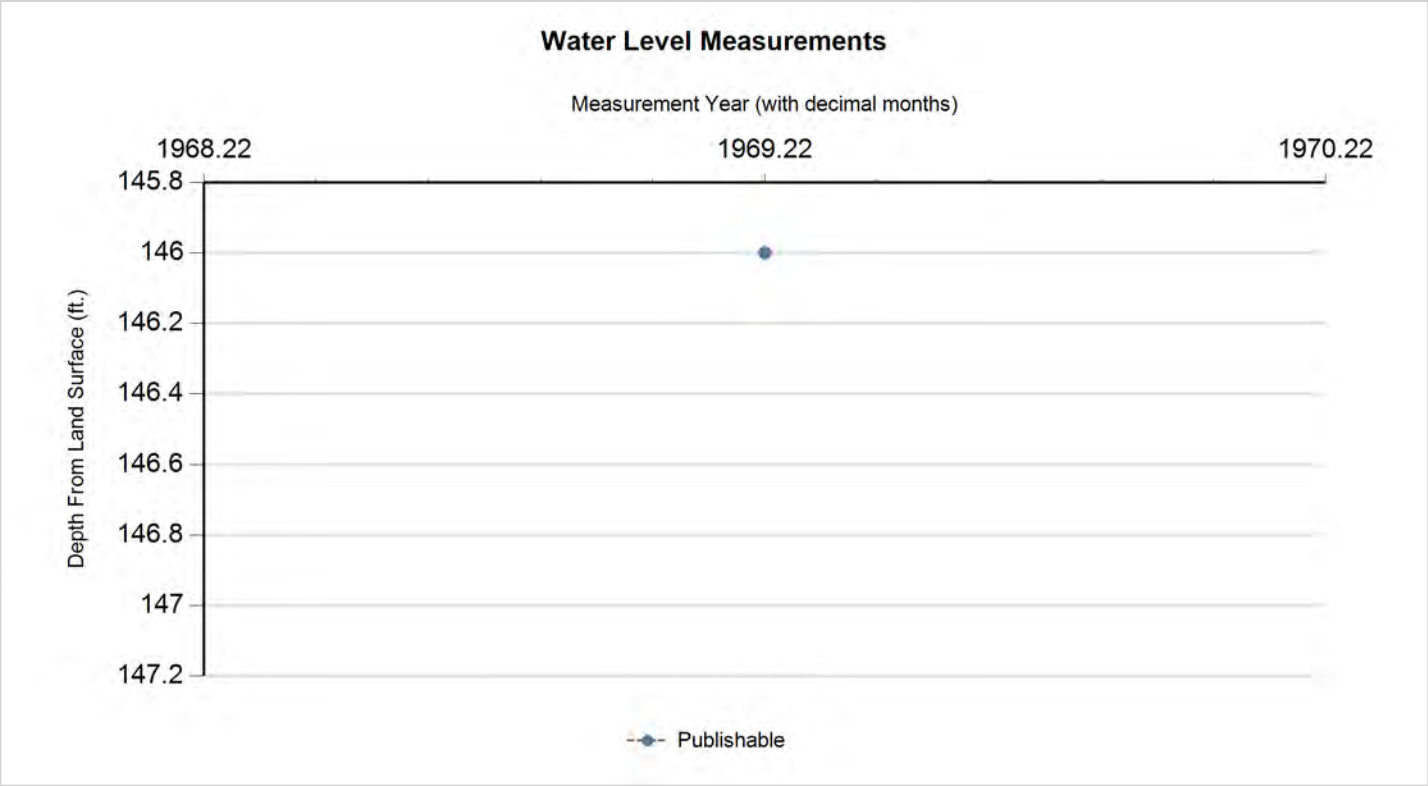
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	3/21/1969		146		-60	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 811 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 45 17 Longitude - 95 27 25 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - R.W. Gillette
West Oak Addition

Driller - L. Patterson

Address _____ Tenant/Oper. _____
Date Drilled - / /1940 Depth - 400 ft. Source of Depth - R Altitude - 55 ft. Source of Alt. - M
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER Well Type - W User -

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (
Open Hole (O)
Cemented from _____ to _____

Diam. (in.)	Setting(feet) From	To

LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 15

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- PUBLIC SUPPLY Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 01/22/1999

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

V

For TDWR use only: Dup
Well No. 65-21-26
Located on map: yes
Received: C.F.S.

1) OWNER Mr. Robinson (Name) Address _____ (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: Inverness
County Harris _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☐ See attached map. map on 65-06-10

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 7/30/84

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
8 3/4	Surface	473

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	39	Top Soil + Clay
39	67	Surface Sand
67	177	Clay
177	216	Sand
216	293	Clay
293	320	Sand
320	377	Clay
377	441	Sandy Clay
441	473	Sand

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfr., if commercial	Setting (ft.) From	To	Gage Casing Screen
5	N	T+C Black	0	441	
3	N	Galv.	432	453	
3	N	PVC	453	473	.020

CEMENTING DATA
Cemented from 0 ft. to 441 ft.
Method used Halliburton
Cemented by Bussell & Son, Inc. (Company or Individual)

9) WATER LEVEL:
Static level 266 ft. below land surface Date 7/31/84
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

RECEIVED
MAY - 7 1985
DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

11) TYPE PUMP: ☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Craig O. Bussell (Type or Print) Water Well Drillers Registration No. 2035

ADDRESS P.O. Box 874 (Street or RFD) Tomball (City) TX (State) 77375 (Zip)

(Signed) Craig Bussell (Water Well Driller) Bussell & Son, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

4820107654

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-21-26
Located on map YES
Received: C.F.S.

1) OWNER Mr. Robinson (Name) Address (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: Inverness
County Harris miles in (N.E., S.W., etc.) direction from (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☐ See attached map. Map on 65-06-10

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other

6) WELL LOG:
Date drilled 7/26/84

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
8 3/4	Surface	320

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	39	Top Soil & Clay
39	67	Surface Sand
67	177	Clay
177	216	Sand
216	293	Clay
293	320	Sand

Injection Well

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5	N	PVC	0	300	
2½	N	GALV	290	300	
2½	N	PVC	300	320	.014

CEMENTING DATA
Cemented from 250 ft. to 300 ft.
Method used Halliburton
Cemented by Bussell & Son, Inc. (Company or Individual)

9) WATER LEVEL:
Static level 240 ft. below land surface Date 7/27/84
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP: ☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

RECEIVED MAY - 7 1985 DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Craig D. Bussell (Type or Print) Water Well Drillers Registration No. 2035

ADDRESS P.O. Box 874 (Street or RFD) Tomball (City) TX (State) 77375 (Zip)

(Signed) Craig Bussell (Water Well Driller) Bussell & Son, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

4820107653

(11)

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, TX 78711-3087
512-371-6299

1) OWNER H.I. S. Construction (Name) ADDRESS 3708 Inverness (Street or RFD) Hou., (City) Tx. (State) (Zip)

2) LOCATION OF WELL: County Harris, 4 miles in W (NE, SW, etc.) direction from HOUSTON (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. ____ Block No. ____ Township ____ Abstract No. ____ Survey Name ____
Distance and direction from two intersecting section or survey lines ____

☐ SEE ATTACHED MAP

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other ____ ☐ Driven

6) WELL LOG:
Date Drilling: Started 11/2 1994 Completed 11/7 1994

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
77/8	Surface	542

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☒ Other 2 String Cemented
If Gravel Packed give interval . . . from ____ ft. to ____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	40	Clay
40	100	Sand
100	180	Clay
180	240	Shale
240	320	Sand & Rock
320	440	Clay & Shale
440	XXXXXXXX	542 Sand

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5	N	PVC Casing	0	496	SDR 17
2½	N	PVC Liner	522	542	Sch 40
2½	N	PVC Screen	490	502	.012

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 496 ft. to 196 ft. No. of Sacks Used 20
0 ft. to 15 ft. No. of Sacks Used 12
Method used Halliburton
Cemented by RWW

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☒ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level ____ ft. below land surface Date 11/7/94
Artesian flow ____ gpm. Date ____

12) PACKERS: Type K Depth 490

13) TYPE PUMP: ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other ____
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? ☐ Yes ☒ No

RECEIVED MAY 02 1995 TEXAS WATER COMMISSION CONSERVATION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Robinson Water Well Ser., Inc. (Type or print) WELL DRILLER'S LICENSE NO. 2212

ADDRESS 11819 Tomball Pky (Street or RFD) Hou., (City) Tx. (State) 77086 (Zip)

(Signed) Jim Robinson Dg (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

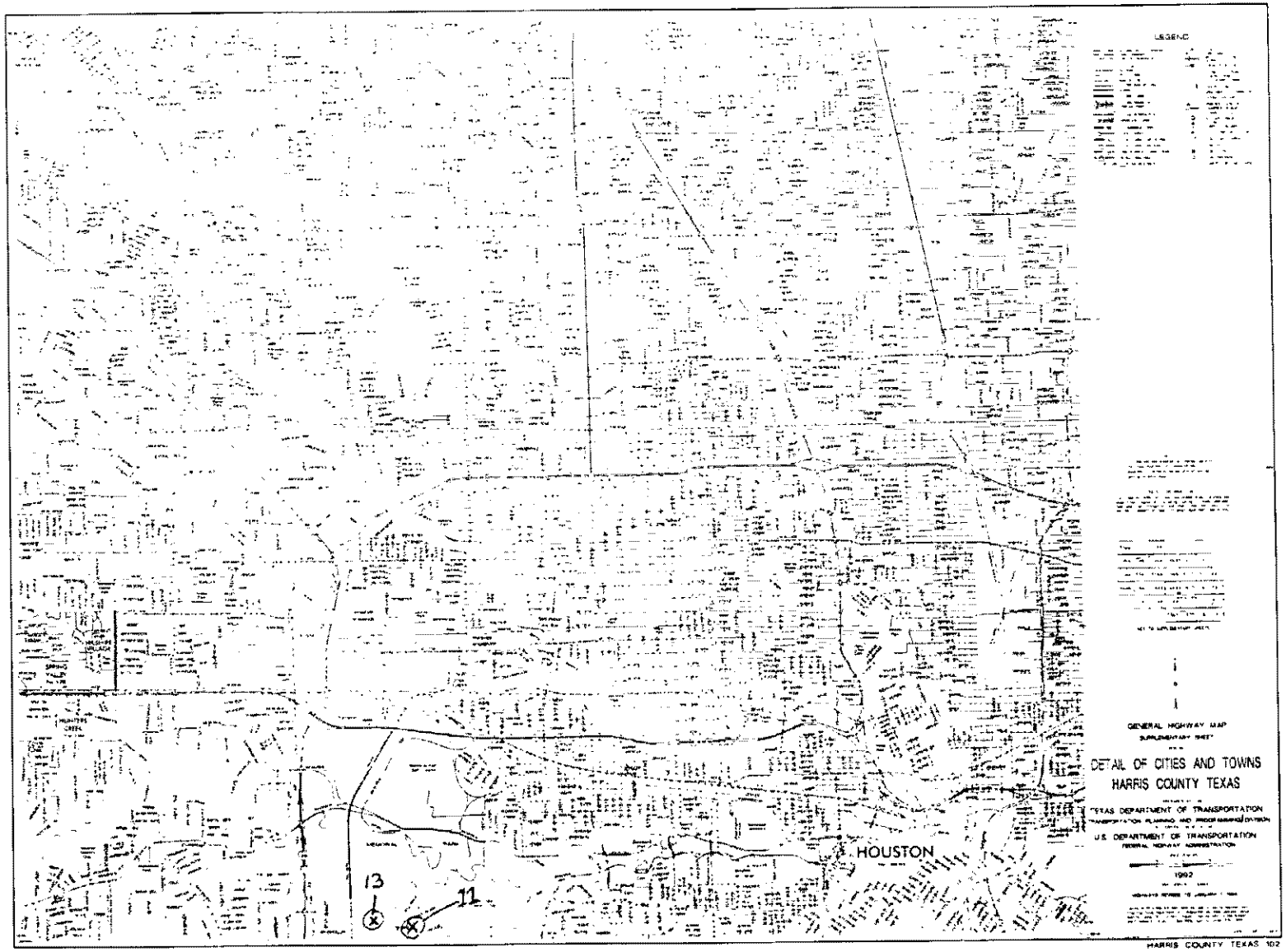
For TWC use only: Well No. ____ Located on map ____

TWC-0199 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

4820124983

KM-p.492


LEGEND
GENERAL HIGHWAY MAP
SUPPLEMENTARY SHEET
DETAIL OF CITIES AND TOWNS
HARRIS COUNTY TEXAS
TEXAS DEPARTMENT OF TRANSPORTATION
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
1992
HOUSTON
13
11

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: KINDER, RICHARD ADDRESS: 2929 LAZY LANE CITY: HOUSTON STATE: TX ZIP: -

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-13-8
Street or RFD: 2929 LAZY LANE
City, State, Zip code: HOUSTON , TX -

5)

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: DOMESTIC
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 23826

DATE DRILLING:
STARTED: 02/21/02
COMPLETED: 03/08/02

DIAMETER OF HOLE

DIAMETER	FROM	TO
8	0	411

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: STRAIGHT WALL
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5	N	PVC CASING	0	380	SDR17
2.5	N	GALVANIZED LINER	370	391	WW
2.5	N	S/S PIPE BASE SCREEN	391	411	08

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	TOP SOIL
3	15	CLAY
15	30	SAND
30	56	CLAY
56	70	SAND
70	260	CLAY
260	292	SAND
292	363	CLAY
363	410	SAND
410	411	CLAY

9) CEMENTING DATA:
Cemented from No. of Sacks Used
380 FT. TO 0 FT. 40
FT. TO FT.
Method used: PRESSURE
Cemented by: ODCI
Distance to septic field lines: ft.
Method of verification of above distance:

10) SURFACE COMPLETION
SLAB

11) WATER LEVEL:
STATIC LEVEL : 210 FT. DATE: 02/21/02
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH
B P SEAL 370

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 336

14) WELL TEST:
JETTED
YIELD: 50 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: N/A DEPTH OF STRATA: 47 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877,4111,4884
ADDRESS: 2357 GARDEN RD CITY: PEARLAND STATE: TX ZIP CODE: 77581-8744

FOR TWC USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Kayelia Meza (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

4820120751

101

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: YATES, LANIER ADDRESS: 2454 PINE VALLEY DR CITY: HOUSTON STATE: TX ZIP: -

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-13-9
Street or RFD: 2454 PINE VALLEY
City, State, Zip code: HOUSTON , TX -

5)

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: DOMESTIC
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 24478

DATE DRILLING:
STARTED: 07/24/02
COMPLETED: 07/26/02

DIAMETER OF HOLE

DIAMETER	FROM	TO
7 7/8	0	401

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION:
STRAIGHT WALL
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

N^

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING	SCREEN
5	N	PVC CASING	0	378		SDR17	
2.5	N	GALVANIZED LINER	360	381		WW	
2.5	N	S/S PIPE BASE SCREEN	381	401		08	

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	TOP SOIL
3	92	CLAY
92	114	SAND
114	180	CLAY
180	188	SAND
188	222	CLAY
222	231	SAND
231	258	CLAY
258	285	FINE SAND
285	305	CLAY
305	340	FINE SAND
340	380	CLAY
380	400	SAND
400	401	CLAY

9) CEMENTING DATA:
Cemented from No. of Sacks Used
378 FT. TO 0 FT. 30
FT. TO FT.
Method used: PRESSURE
Cemented by: ODCI
Distance to septic field lines: ft.
Method of verification of above distance:

10) SURFACE COMPLETION:
SURFACE SLEEVE

11) WATER LEVEL:
STATIC LEVEL : 215 FT. DATE: 07/25/02
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH
B P SEAL 360

RECEIVED
TDLR MAIL ROOM GH
AUG 26 2002

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 336

14) WELL TEST:
JETTED
YIELD: 30 GPM WITH FT DRAWDOWN AFTER HRS

RECEIPT # AMOUNT

15) WATER QUALITY:
TYPE OF WATER: N/A DEPTH OF STRATA: 20
NO STRATA OF UNDESIRABLE WATER PENETRATED

NO CHEMICAL ANALYSIS MADE

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877,4111,4884
ADDRESS: 2357 GARDEN RD CITY: PEARLAND STATE: TX ZIP CODE: 77581-8744

FOR TWC USE ONLY
WELL NO.
LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Kegel B. Meza (LICENSED WATER WELL DRILLER) (signed) (REGISTERED DRILLER TRAINEE)

STATE OF TEXAS WATER WELL REPORT L 101

1) OWNER: LOWE, MARY RALPH ADDRESS: 2930 LAZY LANE CITY: HOUSTON STATE: TX ZIP:
2) LOCATION OF WELL: County: HARRIS miles in N direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

on 65-21-1

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00243

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.0	0	485
5.0	485	506

7) BOREHOLE METHOD:
TWO STRING/K-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 10/25/89

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	10	CLAY-WHITE
10	26	SAND-TAN-.006-.008
26	44	CLAY-WHITE
44	56	SAND-TAN-.006-.008
56	246	CLAY-RED
246	259	BROKEN SAND & CLAY
259	357	CLAY-RED
357	383	SAND-WHITE-.010-.012
383	440	CLAY-RED
440	452	SAND-WHITE-.010-.012
452	486	BROKEN SAND & CLAY
486	506	SAND-WHITE-.014-.020
506		CLAY-RED

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	485		CASING
3.0	N	STEEL, NEW, GALV.	465	486		LINER
3.0	N	STAINLESS - ROD BASE	486	506		.012

9) CEMENTING DATA:
Cemented from 200 FT. TO 485 FT.
0 FT. TO 15 FT.
Method used: PRESSURE-HALIBURTON
Cemented by: ALMEDA WATER WELL

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 253 FT. DATE: 10/29/89
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

RECEIVED
MAY 24 1991
TEXAS WATER WELL DRILLERS BOARD

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 352

14) WELL TEST:
JETTED
YIELD: 90 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 506 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY
WELL NO. 65-13-8
LOCATED ON MAP ____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) [signature] (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

CWB

4820907604

MA; #6 - We. #1

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-21-1C
Located on map YES
Received: RWB

1) OWNER B.C. EDWARDS. (Name) Address 5034 TANGLE LANE. (Street or RFD) HOUSTON. (City) TEX. (State) (Zip)

2) LOCATION OF WELL: County HARRIS IN HOUSTON TEX. Miles in (N.E., S.W., etc.) direction from (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. ____ Block No. ____ Township ____
Abstract No. ____ Survey Name ____
Distance and direction from two intersecting section or survey lines ____
☑ See attached map. 5034 TANGLE LANE

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other ____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other ____

6) WELL LOG:

Date drilled MAY. 27. 81

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6½	Surface	337
3⅞	337	361

From (ft.)	To (ft.)	Description and color of formation material
0	75	CLAY.
75	117	SAND
117	154	CLAY.
154	195	SAND
195	215	CLAY.
215	243	SAND
243	256	CLAY.
256	267	SAND
267	288	CLAY.
288	313	SAND
313	319	CLAY - ROCK.
319	328	SAND - ROCK - BROKEN
328	361	SAND

(Use reverse side if necessary)

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other TWO - STRING
If Gravel Packed give interval . . . from ____ ft. to ____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4"	N	PVC.	0	337	40
2½	N	GALVANIZED	337	346	40
2½	N	PVC SCREEN	346 - 361		#14

CEMENTING DATA
Cemented from 200 ft. to 337 ft.
Method used PUMP
Cemented by BODE DRILLING CO. INC. (Company or Individual)

9) WATER LEVEL:
Static level 231 ft. below land surface Date MAY. 27. 81
Artesian flow ____ gpm. Date ____

10) PACKERS: Type Depth

11) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other ____
Depth to pump bowls, cylinder, jet, etc., 315 ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata 33
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

AUG 24 1987

NAME E.L. BODE (Type or Print) Water Well Drillers Registration No. 46

ADDRESS PO BOX 90067. (Street or RFD) HOUSTON. (City) TEX. (State) 77090 (Zip)

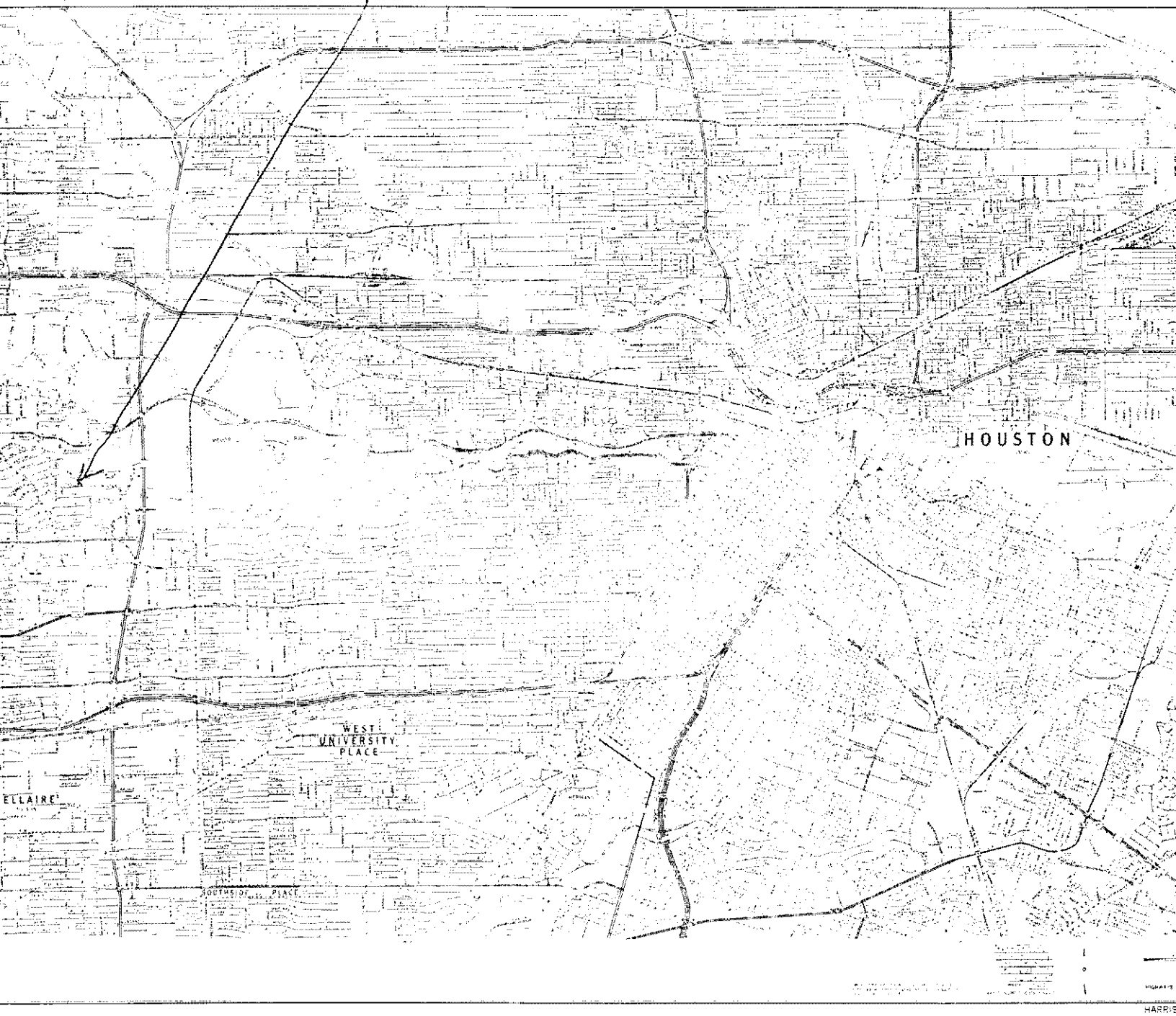
(Signed) E. L. Bode (Water Well Driller) BODE DRILLING CO. INC. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79) DEPARTMENT OF WATER RESOURCES COPY

4820104779

MAP #6 - WELL #1



HARRIS

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

(9) *Please use black ink.*

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER Dr. Zach Blaylock (Name) ADDRESS #20 West Oaks Dr. Houston TX 77056 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: #20 West Oaks
County Harris _____ miles in _____ (NE, SW, etc.) direction from _____ (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☑ SEE ATTACHED MAP

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☑ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 10-31 1991 Completed 11-4 1991

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	375
5 7/8	375	395

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	27	Top Soil + Clay
27	35	Surface Sand
35	48	Clay
48	55	Sand
55	74	Clay
74	113	Sand
113	130	Clay
130	190	Sand
190	200	Clay
200	215	Sand

(Use reverse side if necessary)

RECEIVED JAN 13 1992 TEXAS WATER COMMISSION

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	N	PVC	0	325	
2	N	Galvanized	369	375	
2	N	PVC	375	385	.012
2	N	PVC	385	395	.014

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used 15
325 ft. to 325 ft. No. of Sacks Used 3
Method used Halliburton
Cemented by Bussell + Son Inc.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☑ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level 242 ft. below land surface Date 11-4-91
Artesian flow _____ gpm. Date _____

12) PACKERS: Type: K-Packer Depth: 369

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 336 ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 3 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Bussell + Son Inc. (Type or print) WELL DRILLER'S LICENSE NO. 2035

ADDRESS P.O. Box 874 (Street or RFD) Tomball (City) TX (State) 77377-0874 (Zip)

(Signed) Craig Bussell (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 9 Located on map 65-13-7

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

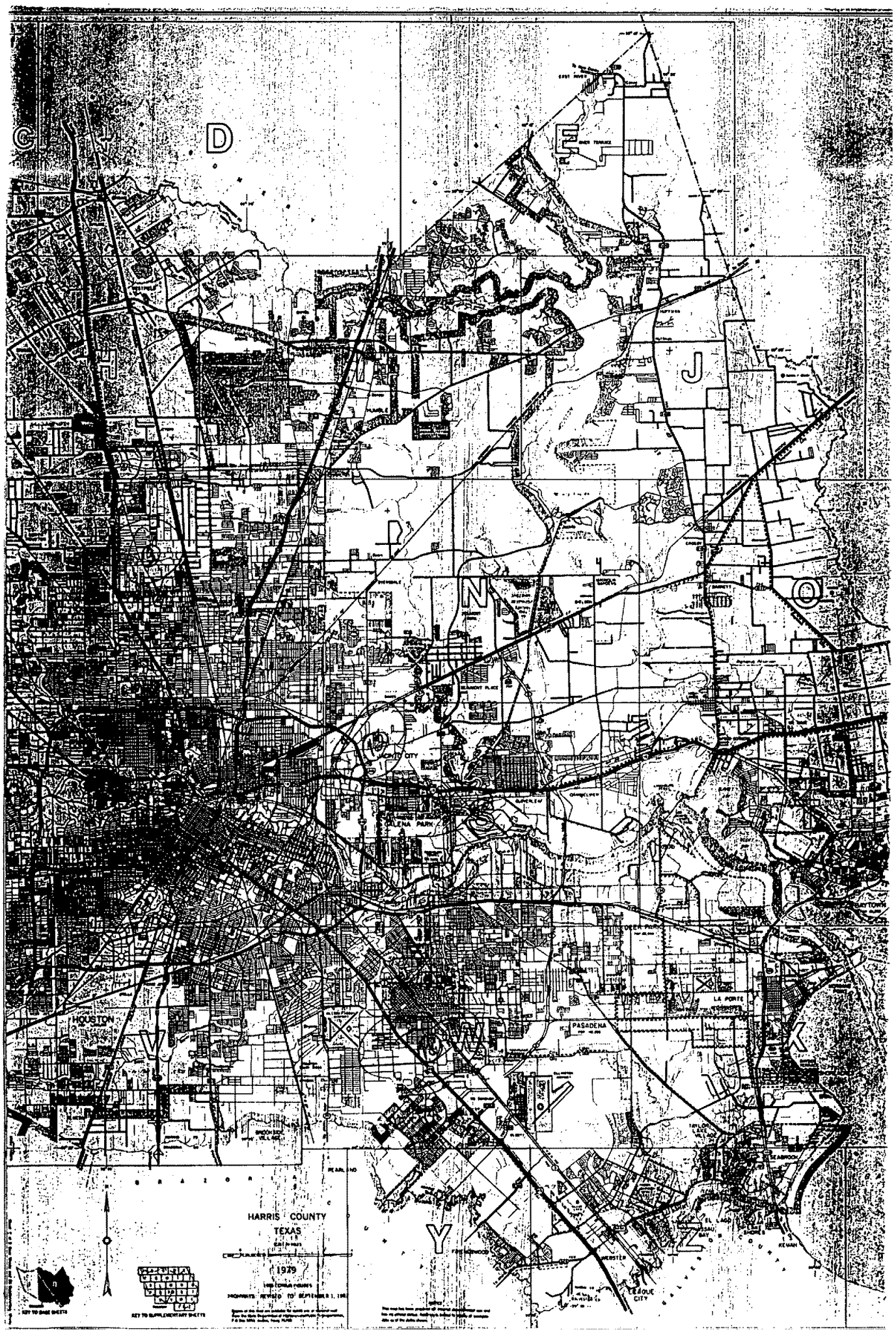
IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING PRIVILEGE OF CONFIDENTIALITY

The Water Well Drillers Board and the Texas Water Commission are concerned that some persons having wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every licensed water well driller drilling, deepening or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within 60 days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. Each copy of a well log, other than a Commission copy, shall include the name, mailing address, and telephone number of the Board and the Commission. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential.

From (ft.)	To (ft.)	Description and color of formation material
815	235	Clay
235	287	Sand
287	292	Clay
292	305	Sand
305	340	Clay
340	395	Sand


HARRIS COUNTY
TEXAS
1979
HOUSTON
PASADENA
LA PORTE
PEARLAND
LEAGUE CITY
KEY TO INDEX SHEETS
KEY TO SUPPLEMENTARY SHEETS

6

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-1L
Located on map 1/05
Received: 76
dlc

1) OWNER:
Person having well drilled R &R Industries (Name) Address 3610 Pinemont (Street or RFD) Houston, Texas (City) (State)

Landowner same (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS, _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

#6

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
X New Well, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check):
Domestic, X Industrial, Municipal, Irrigation, Test Well, Other

5) TYPE OF WELL (Check):
X Rotary, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 6 3/4 in. Depth drilled 351 ft. Depth of completed well 351 ft. Date drilled 11/12/75

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	7	top soil
7	40	clay
40	45	red sand
45	90	clay
90	93	white sand
93	190	clay and shell
190	240	sand
240	320	clay
320	351	sand
351		clay

(Use reverse side if necessary)

9) Casing:
Type: Old, X New, Steel, X Plastic, Other

Cemented from 175 ft. to 325 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	325	40

10) SCREEN:
Type plastic

X Perforated, Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2/12	331	351	012

7) COMPLETION (Check):
Straight wall, Gravel packed, Other, Under reamed, Open Hole, cemented

8) WATER LEVEL:
Static level 175 ft. below land surface Date _____

Artesian pressure _____ lbs. per square inch Date _____

Depth to pump bowls, cylinder, jet, etc., 294 ft. below land surface.

11) WELL TESTS: Ronald Chilton
Was a pump test made? X Yes No If yes, by whom?

Yield: 200 gpm with 20 ft. drawdown after 2 hrs.

Bailer test No gpm with _____ ft. drawdown after _____ hrs.

Artesian flow No gpm

Temperature of water 72°

12) WATER QUALITY:
Was a chemical analysis made? Yes X No

Did any strata contain undesirable water? Yes X No

Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Ronald Chilton (Type or Print) Water Well Drillers Registration No. #1630

ADDRESS 11803 Beeville (Street or RFD) Houston, Texas (City) 77064 (State)

(Signed) Ronald W Chilton (Water Well Driller) CHILTON PUMP & WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

(26)

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 69-13-5B
Located on map
Received:

1) OWNER:
Person having well drilled JOBMASTER INC. (Name) Address 3721 PINEMONT (Street or RFD) Hou (City) TX 77018 (State)

Landowner SAME (Name) Address SAME (Street or RFD) (City) (State)

2) LOCATION OF WELL: SAME
County HARRIS, 10 miles in N (N.E., S.W., etc.) direction from Hou. (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

3721 Pinemont
DVCR

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well ✓ Deepening; Reconditioning; Plugging

4) PROPOSED USE (Check): Domestic; Industrial ✓; Municipal; Irrigation; Test Well; Other

5) TYPE OF WELL (Check): Rotary ✓; Driven; Dug; Cable; Jetted; Bored

6) WELL LOG:
Diameter of hole 6½ in. Depth drilled 350 ft. Depth of completed well 380 ft. Date drilled 10-1-76

All measurements made from 4 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	22	Topsoil & Clay
22	232	Clay
232	274	Clay & Sand (Skips)
274	316	Clay
316	337	Clay & Sand
337	377	Sand

(Use reverse side if necessary)

9) Casing:
Type: Old; New ✓ Steel ✓ Plastic; Other
Cemented from 150 ft. to 350 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	350	Sch 40

10) SCREEN:
Type SS
Perforated; Slotted ✓

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2"	28'	352-380	.016

7) COMPLETION (Check):
Straight wall ✓; Gravel packed; Other
Under reamed; Open Hole

8) WATER LEVEL:
Static level 232 ft. below land surface Date _____
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No.
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Vernon E. Dixon (Type or Print) Water Well Drillers Registration No. 1689

ADDRESS 9739 N. Houston Rosslyn (Street or RFD) Houston (City) Texas (State)

(Signed) Vernon E. Dixon (Water Well Driller) Bussell & Son Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

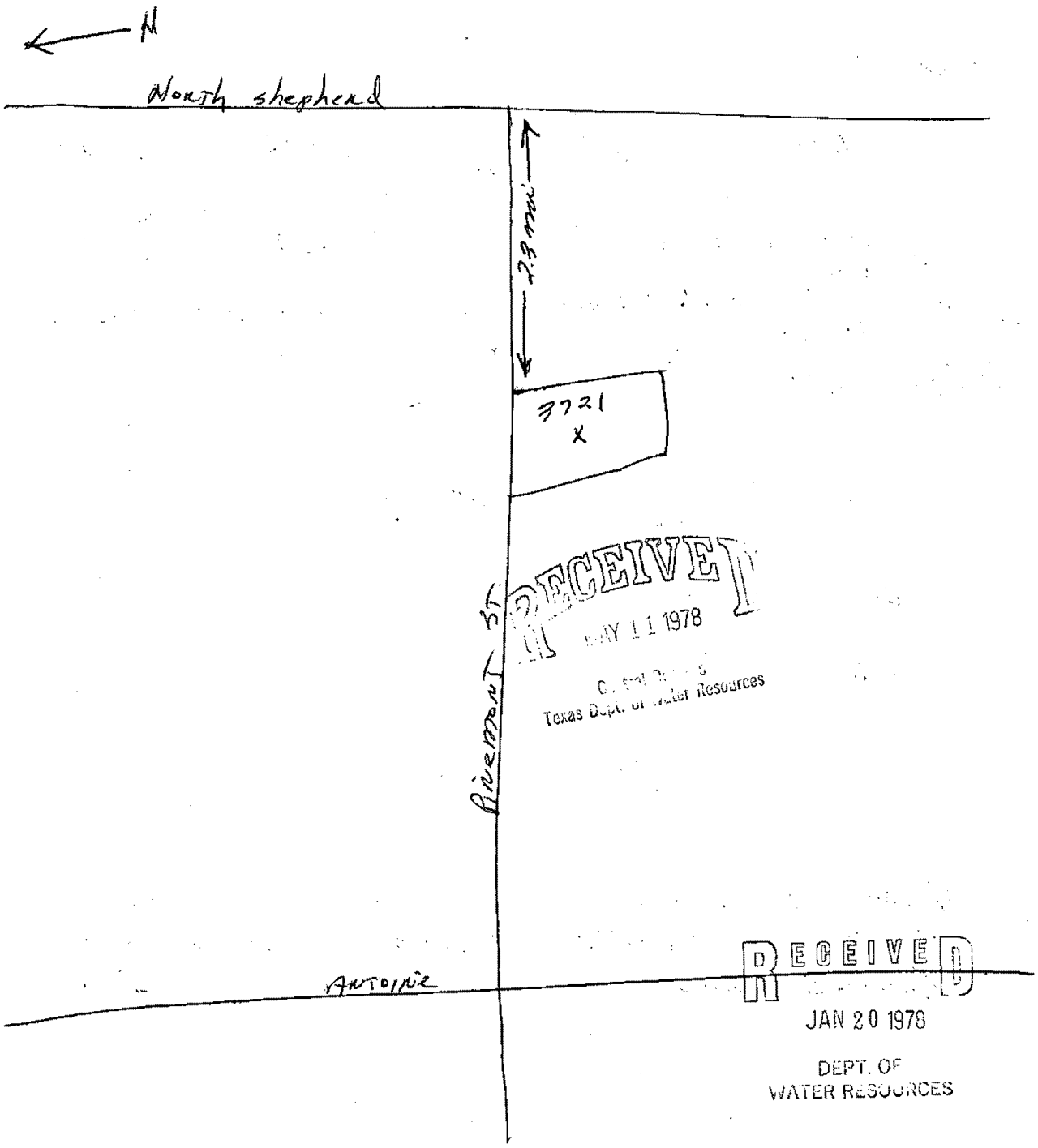
2)LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area, e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.



RECEIVED
MAY 11 1978
Texas Dept. of Water Resources

RECEIVED
JAN 20 1978
DEPT. OF
WATER RESOURCES

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER JOB-MASTER SALES (Name) ADDRESS 3721 PINEMONT (Street or RFD) HOUSTON (City) TX (State) 77018 (Zip)

2) LOCATION OF WELL: 3721 PINEMONT
County HARRIS _____ miles in _____ (NE, SW, etc.) direction from _____ (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☑ SEE ATTACHED MAP

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____ ☐ Driven

6) WELL LOG:
Date Drilling: Started 9-14 1994 Completed 9-15 1994

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	357
3 7/8	357	377

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	340	UNCONSOLIDATED
340	377	SAND

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	N	PVC	0	357	
2	N	GALVANIZED	352	357	
2	N	PVC SCREEN	357	377	.014

DEC 08 1994

(Use reverse side if necessary)

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used 8
257 ft. to 357 ft. No. of Sacks Used 6
Method used HALLIBURTON / TRIMMC
Cemented by BUSSELL & SON INC

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 315 ft.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40 gpm with _____ ft. drawdown after _____ hrs.

11) WATER LEVEL:
Static level 245 ft. below land surface Date 9-15-9
Artesian flow _____ gpm. Date _____

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

12) PACKERS: Type K-PACKER Depth 352

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME BUSSELL & SON INC (Type or print) WELL DRILLER'S LICENSE NO. 2035

ADDRESS P O BOX 874 (Street or RFD) Tomball (City) TEXAS (State) 77377-0874 (Zip)

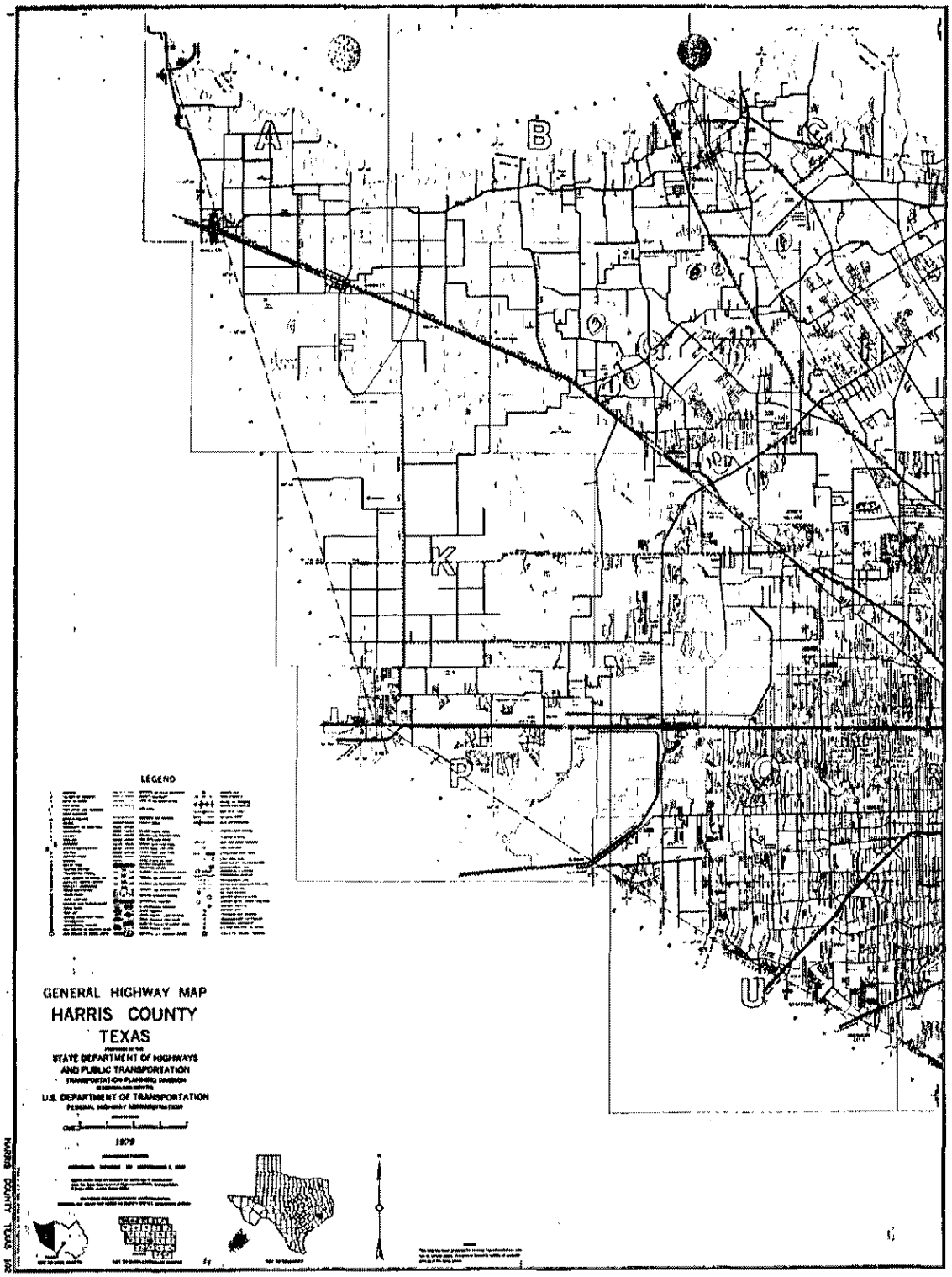
(Signed) Craig Bussell (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

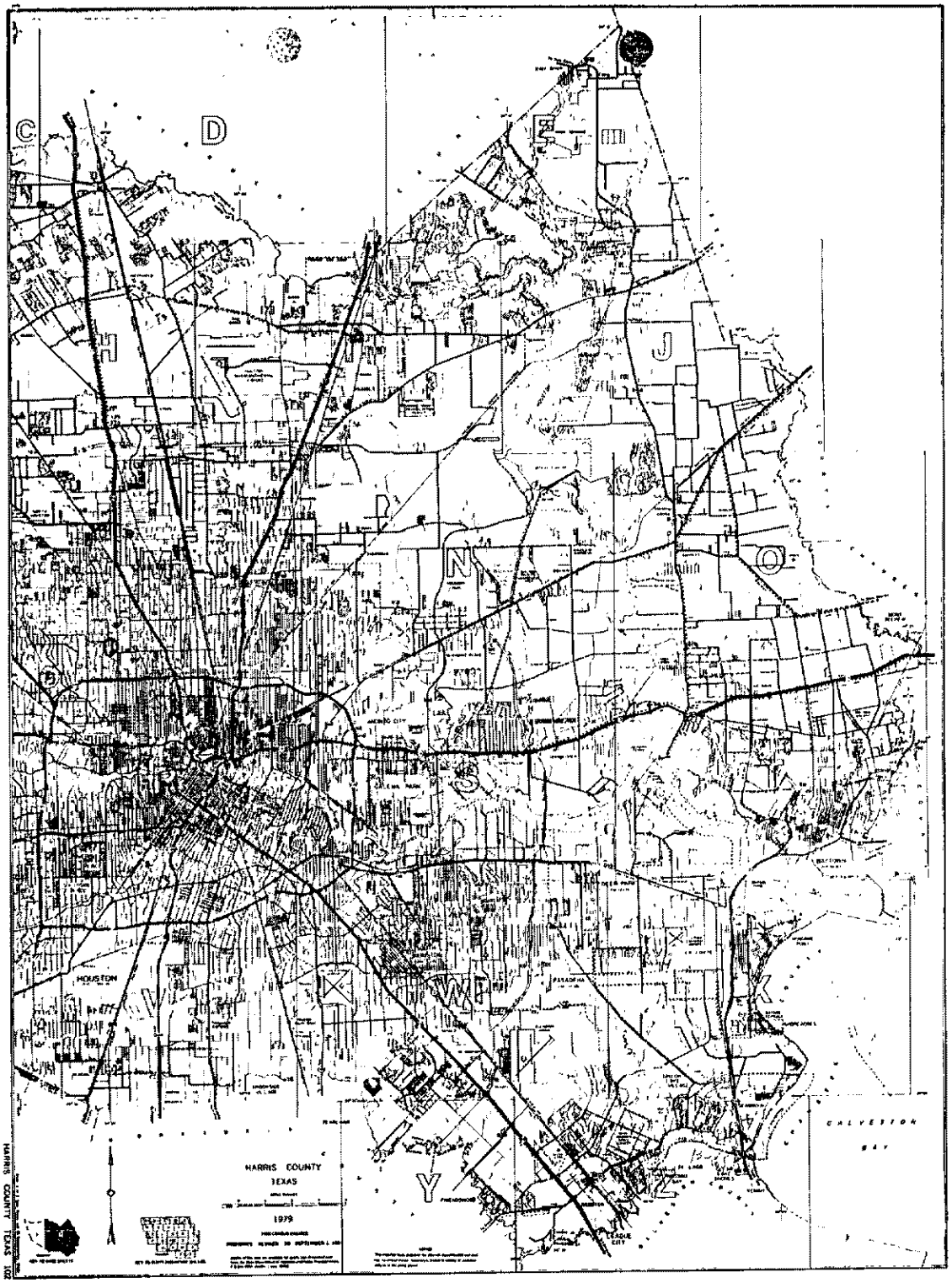
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TNRCC use only: Well no. 1 Located on map 65-13

TNRCC-0199 (Rev. 05-18-90) TNRCC COPY

482012 4963


LEGEND
GENERAL HIGHWAY MAP
HARRIS COUNTY
TEXAS
STATE DEPARTMENT OF HIGHWAYS
AND PUBLIC TRANSPORTATION
U.S. DEPARTMENT OF TRANSPORTATION
1979



HARRIS COUNTY TEXAS 1002

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-216

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513216
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.841111
Latitude (degrees minutes seconds)	29° 50' 28" N
Longitude (decimal degrees)	-95.438334
Longitude (degrees minutes seconds)	095° 26' 18" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	86
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	344
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1964
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Industrial
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Eutsler Technical Products
Driller	T. C. Bussell & Son
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178: Screen from 329 to 344 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

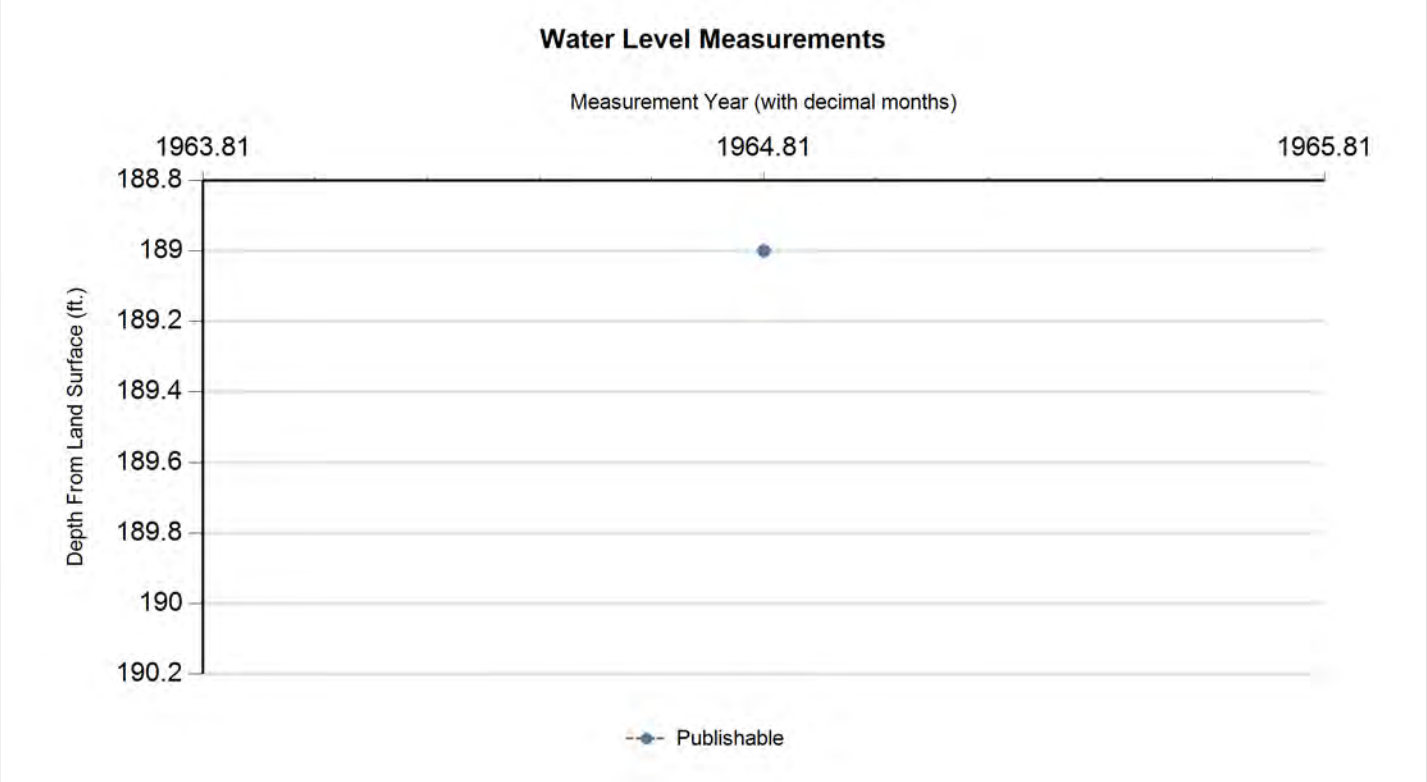
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	10/27/1964		189		-103	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Texas Water Development Board
Well Schedule

State Well Number 6513621 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294731 **Longitude** 952321 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Globe Laundry and Cleaners

Driller
A. Chrysty Kuhlmann

Address _____ **Tenant/Oper.** _____

Date Drilled / /1962 **Depth** 477 **Source of Depth** **Altitude** 58 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION

Const-Method

Casing Material

Screen Material

Completion

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from_____**to**_____

LIFT DATA - **Pump Mfr. -** _____ **Type -** SUBMERSIBLE PUMP **No. Stages** _____

Bowls Diam - _____ **in.** **Setting -** _____ **ft.** **Column Diam. -** _____ **in.**

Motor Mfr. - _____ **Fuel or Power -** ELECTRIC MOTOR **Horsepower -**

YIELD Flow- _____ **GPM** **Pump** _____ **GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary -** INDUSTRIAL **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** **Other Data -**

WATER LEVELS
1 measurement
1962
-142

Recorded By _____ **Date Record Collected or Updated -** 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: Screen from 433 to 476 ft.
Yield: 130 gpm with 43 ft. drawdown when drilled.

Aquifer - 112CHCTL **ID -** 15
CHICOT AQUIFER,LOWER

Texas Water Development Board
Well Schedule

State Well Number 6513909 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294728 **Longitude** 952319 **Source of Coords** 2

Owner's Well No. **Location**

Owner
Creamix Corp.

Driller
McMasters & Pomeroy

Address **Tenant/Oper.**

Date Drilled / /1927 **Depth** 250 **Source of Depth** **Altitude** 62 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material**

Completion **Screen Material**

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to_____

LIFT DATA - **Pump Mfr. -** **Type -** NONE **No. Stages**

Bowls Diam - **in.** **Setting -** **ft.** **Column Diam. -** **in.**

Motor Mfr. - **Fuel or Power -** **Horsepower -**

YIELD Flow- **GPM** **Pump** **GPM** **Meas.,Rept.,Est.-** **Date-**

WATER USE **Primary -** UNUSED **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1931
-67

Recorded By **Date Record Collected or Updated -** 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: 68 ft. of screen
between 173 and 250 ft.

Aquifer - 112CHCTL **ID -** 15

CHICOT
AQUIFER,LOWER

Texas Water Development Board
Well Schedule

State Well Number 6513727 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294558 **Longitude** 952844 **Source of Coords** 2

Owner's Well No. **Location**

Owner
Allen and Leavens

Driller
L. Patterson

Address **Tenant/Oper.**

Date Drilled / /1939 **Depth** 616 **Source of Depth** **Altitude** 66 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material**

Completion **Screen Material**

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to_____

LIFT DATA - **Pump Mfr. -** **Type -** TURBINE PUMP **No. Stages**

Bowls Diam - **in.** **Setting -** **ft.** **Column Diam. -** **in.**

Motor Mfr. - **Fuel or Power -** ELECTRIC MOTOR **Horsepower -**

YIELD Flow- **GPM** **Pump** **GPM** **Meas.,Rept.,Est.-** **Date-**

WATER USE **Primary -** DOMESTIC **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1939
-49

Recorded By _____ **Date Record Collected or Updated -** 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: Screen from 576 to 616 ft.
Yield: 175 gpm with 11 ft. drawdown when drilled.

Aquifer - 112CHCTL **ID -** 15

CHICOT AQUIFER,LOWER

10/06/2021
03:10:07

Texas Commission on Environmental Quality
DWW Water System Summary Sheet

PWS ID	PWS Name	Central Registry RN
TX1012714	TROPICAL MOTEL	

Organization/Customer *	Central Registry CN
null	null

*Regulatory mail will be addressed to this organization/person

All Water System Contacts		
Type	**Contact**	**Communication**

Operator Grade	Number

Water Operator Licenses
No Licensing Data for this PWS

Owner Type	Owner Type Options: COUNTY, DISTRICT, FEDERAL GOVERNMENT, INVESTOR OWNED, MUNICIPALITY, NATIVE AMERICAN, PRIVATE, STATE GOVERNMENT, WATER SUPPLY CORPORATION
Private	

System Type	System Type Options: COMMUNITY, TRANSIENT/NON-COMMUNITY, NON-PUBLIC, NON-TRANSIENT/NON-COMMUNITY
NP - NON-PUBLIC	

Population Type	Population Served	# of Connect	# I/C w/other PWS
NonResidential	50	49	0

Total Product (MGD)	Average Daily Consump.	Max Daily Demand (MGD)	Total Storage (MG)	Elev. Storage (MG)	Service Pump Cap.	Max.Purchase Cap. (MGD/GPM)	Pressure Tank Cap. (MG)

Activity Status	Inactivation Date
I - INACTIVE	01/31/2002

Last Survey Date	Surveyor	Survey Type	Region	County
No Site Visit Data				

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP001	TRT-TAP / Ground Water(I)	TROPICAL MOTEL(I)	TP6855		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	423	HYPOCHLORINATION, PRE

(Active Sources)

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth
G1012714B	2	P	N/A
G1012714A	1 - BACK OF PROPERTY	O	N/A

Code Explanations
Monitoring Type Codes: (GW) GROUNDWATER , (GUP) GROUNDWATER UNDER THE INFLUENCE - PURCHASED , (SWP) SURFACE WATER - PURCHASED , (GU) GROUNDWATER UNDER THE INFLUENCE OF SURFACE WATER , (N) NO SOURCES , (SW) SURFACE WATER
Activity Status Codes: (A) ACTIVE , (D) DELETED/DISSOLVED , (I) INACTIVE , (P) PROPOSED ,
Operational Status Codes: (E) EMERGENCY , (I) INTERIM/PEAK (O) OTHER , (P) PERMANENT , (S) SEASONAL
Source Types: (G) GROUND WATER , (S) SURFACE WATER , (U) GROUND WATER UNDER THE INFLUENCE

- End of Report -

At the time of your query this data was the most current information available from our database, which is in real time. Every effort was made to retrieve it according to your query. Thank-you for using DWW.

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 702 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 35 Longitude - 95 29 15 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Long Wood

Driller -

Address _____ Tenant/Oper. _____
Date Drilled - / / Depth - 600 ft. Source of Depth - R Altitude - 63 ft. Source of Alt. - M
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CHCTL
Well No. - 65 13 702

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 734 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 45 15 Longitude - 95 27 37 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - R.W. Gillette
West Oak Addition

Driller - L. Patterson

Address _____ Tenant/Oper. _____
Date Drilled - / /1939 Depth - 701 ft. Source of Depth - D Altitude - 59 ft. Source of Alt. - M
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User -

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (
Open Hole (O)
Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To

LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 15

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- PUBLIC SUPPLY Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 01/22/1999

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 121EVGL
Well No. - 65 13 734

STATE OF TEXAS WATER WELL REPORT

1) OWNER: MC DUGALD STEEL CO. ADDRESS: 2980 LAZY LANE CITY: HOUSTON STATE: TX ZIP:
2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00620

DIAMETER OF HOLE

DIAMETER	FROM	TO
9.0	0	375
4.875	375	400

7) BOREHOLE METHOD:
TWO STRING/K-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 09/09/92

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	375		CASING
3.0	N	P.V.C. SCH.80	362	377		LINER
3.0	N	STAINLESS - ROD BASE	377	392		.008
3.0	N	P.V.C. SCH.80	392	400		BLANK

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	2	SOIL
2	38	SAND-RED-FINE CLAY-BROWN SAND-TAN-.006-.008
38	48	CLAY-BLUE
48	65	SAND-TAN-.006-.008
65	175	CLAY-RED
175	190	SAND-TAN-.010-.012
190	226	CLAY-RED
226	238	SAND-TAN-.010-.012
238	260	BROKEN SAND & CLAY
260	282	SAND-WHITE-.006-.008
282	360	CLAY-RED BROKEN SAND & CLAY
360	375	SAND-WHITE-.006-.008 ROCK SAND-WHITE-.006-.008
375	392	SAND-WHITE-.006-.008 SAND-WHITE-.010-.012
392	400	BROKEN SAND & CLAY SHALE

RECEIVED SEP 03 1993 TEXAS WATER COMMISSION

9) CEMENTING DATA:
Cemented from 0 FT. TO 375 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 220 FT. DATE: 09/11/92
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 317

14) WELL TEST:
JETTED
YIELD: 75 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 400 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

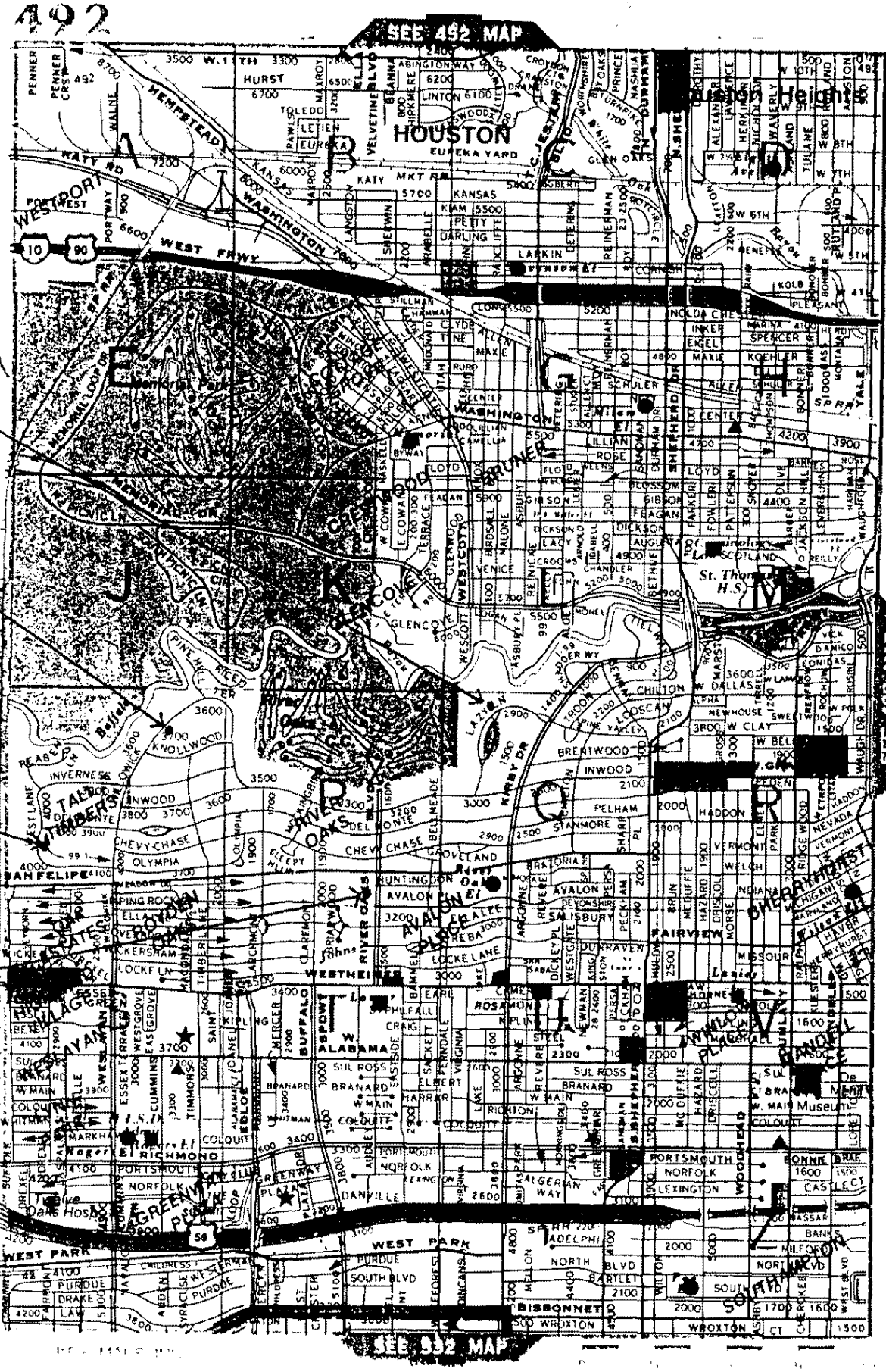
FOR TDWR USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) John A. Sylvester (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

4820124933

KM p.492


SEE 452 MAP
HOUSTON
EUREKA YARD
Fusion Heights
WESTPORT
WEST FRWY
HEMPSTEAD
KATY RD
KATY MKT RR
KANSAS
WASHINGTON
WEST PARK
PURDUE
DRAKE
LAW
BRISBONNET
WROXTON
SOUTHAMPTON
SEE 532 MAP
SEE 493 MAP
McDonald Steel 2780 LAZY
McDonald Steel Jamak - 3682 Willowick
Dawson-Estes #2011 West
Bill Baker Construction 2110 R.D. Blvd

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: GILBREATH, JON L. ADDRESS: 3232 INWOOD CITY: HOUSTON STATE: TX ZIP: -

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-13-8
Street or RFD: 3232 INWOOD LAT.-29-45.11 LONG.-095-25.40
City, State, Zip code: HOUSTON , TX -

5)

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: SINGLE FAMILY RESID
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 02226

DATE DRILLING:
STARTED: 10/22/01
COMPLETED:

DIAMETER OF HOLE		
DIAMETER	FROM	TO
8.0	0	368
4.875	368	395

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: TWO STRING/K-PACKER

IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

N^

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	368		CASING
3.0	N	P.V.C. SCH.40	361	370		LINER
3.0	N	P.V.C. - SLOTTED	370	380		.006
3.0	N	P.V.C. - SLOTTED	380	394		.008
3.0	N	P.V.C. SCH.40	394	395		LINER

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	13	CLAY-GRAY CLAY-TAN
13	40	SAND-RED-FINE BROKEN SAND & CLAY SAND-RED-.006-.008
40	179	CLAY-RED CLAY-TAN
179	208	SAND-TAN-.006-.008 SAND-TAN-.010-.012
208	221	CLAY-RED
221	246	SAND-TAN-.010-.012
246	362	CLAY-RED BROKEN SAND & CLAY CLAY-RED
362	368	ROCK
368	394	SAND-WHITE-.006-.008
394	395	CLAY-RED

9) CEMENTING DATA:
Cemented from No. of Sacks Used
0 FT. TO 368 FT. 65
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWMS
Distance to septic field lines: N/A ft.
Method of verification of above distance:
CITY SEWER

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 204 FT. DATE: 10/23/01
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
K-PACKER	361
K-PACKER	362

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 296

14) WELL TEST:
JETTED
YIELD: 100 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 395 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2843,2350
ADDRESS: P.O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TWC USE ONLY
WELL NO.
LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Carl Lotto (LICENSED WATER WELL DRILLER)

(signed) _____ (REGISTERED DRILLER TRAINEE)

26343

8F Dry

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-8F
Located on map
Received: 77

1) OWNER:
Person having well drilled: Joe L. Allbritton (Name) Address: 2970 Lazy Lane (Street or RFD) Houston (City) Texas (State)

Landowner: Same (Name) Address: (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County: Harris, 0 miles in (N.E., S.W., etc.) direction from Houston (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

Well is located at 2970 Lazy Lane in River Oaks. Well is South of Buffalo Bayou and 3/4 mi N. of South Shepherd.

(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor: League:
Block: Survey:
Abstract No.:
(NW¼ NE¼ SW¼ SE¼) of Section:

3) TYPE OF WORK (Check): X New Well, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check): X Domestic, Industrial, Municipal, Irrigation, Test Well, Other

5) TYPE OF WELL (Check): X Rotary, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole: 6 in. Depth drilled: 643 ft. Depth of completed well: 643 ft. Date drilled: June 77
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	48	clay
48	70	sand
70	120	clay
120	138	sand
138	185	clay
185	195	sand
195	228	clay
228	242	sand
242	269	clay
269	279	sand
279	296	clay
296	310	sand
310	360	clay
360	397	sand
397	433	clay
433	447'	sand
447	497	clay, sand stks
497	511	sand
511	567	clay, sand streaks
567	577	sand
577	587	clay
587	598	sand
598	613	clay
613	641	fine sand
641	643	clay

(Use reverse side if necessary)

9) Casing:
Type: Old, X New, X Steel, Plastic, Other
Cemented from 300 ft. to 433 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
6	0	433	19#

10) SCREEN:
Type: Pipe based stainless steel ribbed
Perforated, Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
4'	433	447	16 ga
4	497	509	16 ga
4	569	578	14 ga
4	590	598	10 ga

7) COMPLETION (Check): X Straight wall, Gravel packed, Other, Under reamed, Open Hole

8) WATER LEVEL:
Static level: 252 ft. below land surface Date: June 77
Artesian pressure: lbs. per square inch Date:
Depth to pump bowls, cylinder, jet, etc.: 320' ft. below land surface.
Jacuzzi sumersible model 20S6B set 320' on 2½". 230 volt, 3 phase. Furnas panel
Well pumped 100 GPM from 266'

11) WELL TESTS:
Was a pump test made? Yes X No If yes, by whom?
Yield: gpm with ft. drawdown after hrs.
Bailer test gpm with ft. drawdown after hrs.
Artesian flow gpm
Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes X No
Did any strata contain undesirable water? Yes X No
Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME: B.J. Swinehart (Type or Print) Water Well Drillers Registration No. 229

ADDRESS: 7524 N. Freeway (Street or RFD) Houston, Texas 77037 (City) (State)

(Signed) B.J. Swinehart (Water Well Driller) B.J. Swinehart Co., Inc (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-6

4820107589

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-815

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513815
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.753334
Latitude (degrees minutes seconds)	29° 45' 12" N
Longitude (decimal degrees)	-95.419167
Longitude (degrees minutes seconds)	095° 25' 09" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCTL - Chicot Aquifer, Lower
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	64
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	525
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1938
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Turbine
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	S. P. Farish
Driller	McMasters & Pomeroy
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178: 65 ft. of screen between 450 and 525 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

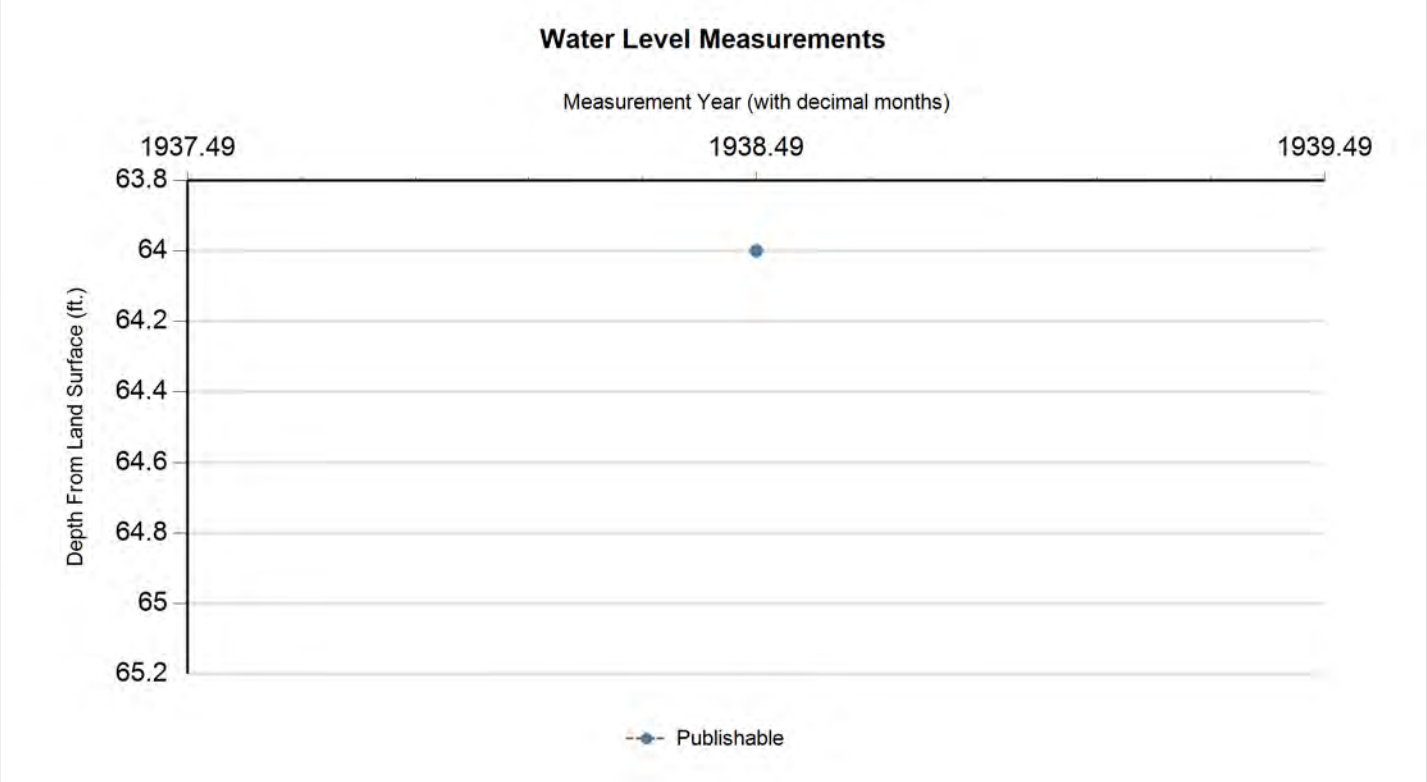
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	5/0/1938		64		0	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

65-13-50 Dun Dup

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-50
Located on map yes
Received: 80

1) OWNER:
Person having well drilled Makada (Name) Address 3724 Creekmont Houston TX (Street or RFD) (City) (State)

Landowner same (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris, miles in (N.E., S.W., etc.) direction from Houston (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

½" scale map attached ~~XXXXXXXXXXXXXXXX~~.

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor League

Block Survey

Abstract No.

(NW¼ NE¼ SW¼ SE¼) of Section

3) TYPE OF WORK (Check): New Well XX, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check): Domestic, Industrial, Municipal, Irrigation, Test Well, Other

5) TYPE OF WELL (Check): Rotary XX, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 4 in. Depth drilled 237 ft. Depth of completed well 237 ft. Date drilled 2-14-78

All measurements made from -0- ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	24	Surface clay
24	48	Clay & Rock
48	72	Clay
72	96	Clay
96	120	Sand(2') & Clay
120	144	Clay
144	168	Clay
168	192	Clay
192	216	Clay & Sand (4')
216	237	Sand(21') Total sand 25'

(Use reverse side if necessary)

9) Casing:
Type: Old, New X, Steel X, Plastic, Other
Cemented from 0 ft. to 222 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	222	0	sch.40

10) SCREEN:
Type Stainless steel rodbase
Perforated, Slotted XX

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2½	227	237	#12

7) COMPLETION (Check): Straight wall XX, Gravel packed, Other, Under reamed, Open Hole

8) WATER LEVEL:
Static level 167 ft. below land surface Date 2-14-78
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?
Yield: gpm with ft. drawdown after hrs.
Bailer test gpm with ft. drawdown after hrs.
Artesian flow gpm
Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME R. B. Lowry (Type or Print) Water Well Drillers Registration No. 146

ADDRESS Rt. #1 Box 361 (Street or RFD) Dickenson (City) Texas 77539 (State)

(Signed) R. B. Lowry (Water Well Driller) Lowry Water Wells (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

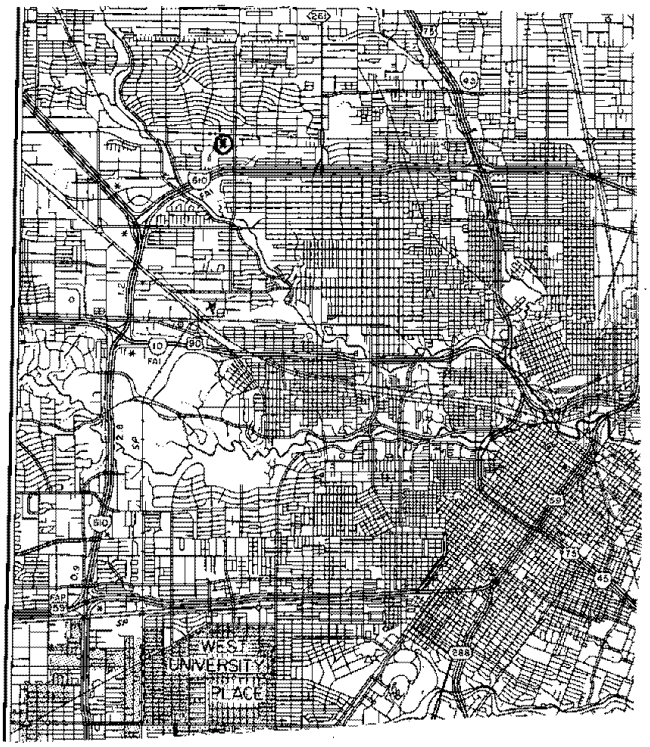
2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area. e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.



RECEIVED
AUG - 9 1979
Texas Dept. of Water Resources

RECEIVED

Send original copy by certified return receipt requested mail to: **TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087**

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** Corbin J. Robertson Jr. (Name) **ADDRESS** 601 Jefferson Ste 2300 Hstn (Street or RFD) (City) Tx (State) 77002 (Zip)

2) **ADDRESS OF WELL:** County Harris 3985 Inverness Hstn. Tx. 77019 (Street, RFD or other) (City) (State) (Zip) **GRID #** 65-13-8

3) **TYPE OF WORK (Check):** [✓] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) **PROPOSED USE (Check):** [ ] Monitor [ ] Environmental Soil Boring [✓] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) X N

6) **WELL LOG:**
Date Drilling:
Started 12/9 19 96
Completed 12/10 19 96

DIAMETER OF HOLE

Dia (in.)	From (ft.)	To (ft.)
7 7/8	Surface	450
4 3/4	450	475

7) **DRILLING METHOD (Check):** [ ] Driven [ ] Air Rotary [✓] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

From (ft.)	To (ft.)	Description and color of formation material
0	440	Unconsolidated
440	475	Sand

(Use reverse side of Well Owner's copy, if necessary)

8) **Borehole Completion (Check):** [ ] Open Hole [✓] Straight Wall [ ] Underreamed [ ] Gravel Packed [ ] Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5	N	SDR17	0	450	
3	N	Galvanized	444	455	
3	N	S.S.R.B.	455	475	.012

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from 0 ft. to 15 ft. No. of sacks used 10
400 ft. to 450 ft. No. of sacks used 3
Method used Halliburton / Trimmer
Cemented by Bussell & Son Inc
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance

10) **SURFACE COMPLETION**
[ ] Specified Surface Slab Installed [Rule 338.44(2)(A)]
[ ] Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
[ ] Pitless Adapter Used [Rule 338.44(3)(b)]
[ ] Approved Alternative Procedure Used [Rule 338.71]

11) **WATER LEVEL:**
Static level 212 ft. below land surface Date 12-10-96
Artesian flow ____ gpm. Date

12) **PACKERS:**

Type	Depth
K-Packer	444

13) **TYPE PUMP:** [ ] Turbine [ ] Jet [✓] Submersible [ ] Cylinder [ ] Other
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) **WELL TESTS:**
Type test: [ ] Pump [ ] Bailer [✓] Jetted [✓] Estimated
Yield: ____ gpm with ____ ft drawdown after ____ hrs.

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [✓] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? [ ] Yes [✓] No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Bussell & Son Inc (Type or print) **WELL DRILLER'S LICENSE NO.** 2035

ADDRESS P O Box 874 (Street or RFD) Tomball (City) Tx (State) 77377-0874 (Zip)

(Signed) Craig Bussell (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 05-21-96) *White - TNRCC* *Yellow - DRILLER* *Pink - WELL OWNER*

4820107601

EX

Please use black ink.
Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Lestos Company (Name) Address Willowick at Inverness (Street or RFD) Houston (City) (State) (Zip)

2) LOCATION OF WELL:
County Harris _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller **must** complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **Legal description:**
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ See attached map. Map on 65-29-3cc

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 8/28/85

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 1/2	Surface	308
4 1/2	308	320

From (ft.)	To (ft.)	Description and color of formation material
0	3	Soil
3	36	White Clay
36	50	Tan Sand 008
50	60	Red Clay
60	159	Shale
159	173	White Sand 010
173	211	Red Clay
211	244	White Sand 012 - Gravel
244	295	White Clay
295	314	Salt & Pepper Sand 008-010
314	321	" " " 010-014
321	322	Clay

(Use reverse side if necessary)

7) BOREHOLE COMPLETION:
☐ Open Hole ☒ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5	N	PVC SDR21 Pipe	0	308	Case
2 1/2	N	Galv Sch 40 Pipe	303	308	Line
2 1/2	N	Mesco Wire Wound Screen	308	320	010
2 1/2	N	Galv Sch 40 Pipe	320	322	Blank

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 208 ft. to 308 ft.
_____ ft. to _____ ft.
Method used Pressure
Cemented by "US"

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☒ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 220 ft. below land surface Date 8/29/85
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth
N/A

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 290 ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 20 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

RECEIVED
SEP 24 1985
TEXAS WATER COMMISSION

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Alameda Water Well (Type or Print) Water Well Driller's License No. 1876

ADDRESS P.O. Box 266 (Street or RFD) Manvel (City) Tx (State) 77578 (Zip)

(Signed) Joseph W. Wright (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee) Dip

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 65-17-8A
Located on map Yes DLF

TDWR-0392 (12/29/83) 4820107579 DEPARTMENT OF WATER RESOURCES COPY

Please use black ink.
Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Lestos Company (Name) Address Willowick & Inverness (Street or RFD) Houston (City) (State) (Zip)

2) LOCATION OF WELL:
County Harris _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 8/28/85

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
7 3/4	Surface	308
4 1/2	308	322

From (ft.)	To (ft.)	Description and color of formation material
0	3	Soil
3	36	White Clay
36	50	Tan Sand 006
50	60	Red Clay
60	159	Shale
159	173	White Sand 010
173	211	Red Clay
211	244	White Sand 012-Gr
244	295	White Clay
295	314	Salt & Pepper Sand 008-010
314	321	Salt & Pepper Sand 010-014
321	322	Clay

(Use reverse side if necessary)

7) BOREHOLE COMPLETION:
☐ Open Hole ☒ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5	N	PVC SDR 21 Pipe	0	308	Case
2 1/2	N	Galv Sch 40 Pipe	303	308	Line
2 1/2	N	S.S. Rod Base Wesco Screen	308	321	6 long 7 cut

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 100 ft. to 308 8 Sacks
0 ft. to 10 4 Sacks
Method used Pressure
Cemented by "US"

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☒ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 220 ft. below land surface Date 8/29/85
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth
N/A

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 290 ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 20 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

RECEIVED
FEB 7 1986
TEXAS WATER COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Almeda Water Well (Type or Print) Water Well Driller's License No. 1876

ADDRESS P.O. Box 266 (Street or RFD) Manvel (City) Tx (State) 77578 (Zip)

(Signed) Joseph W. Ulrich (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

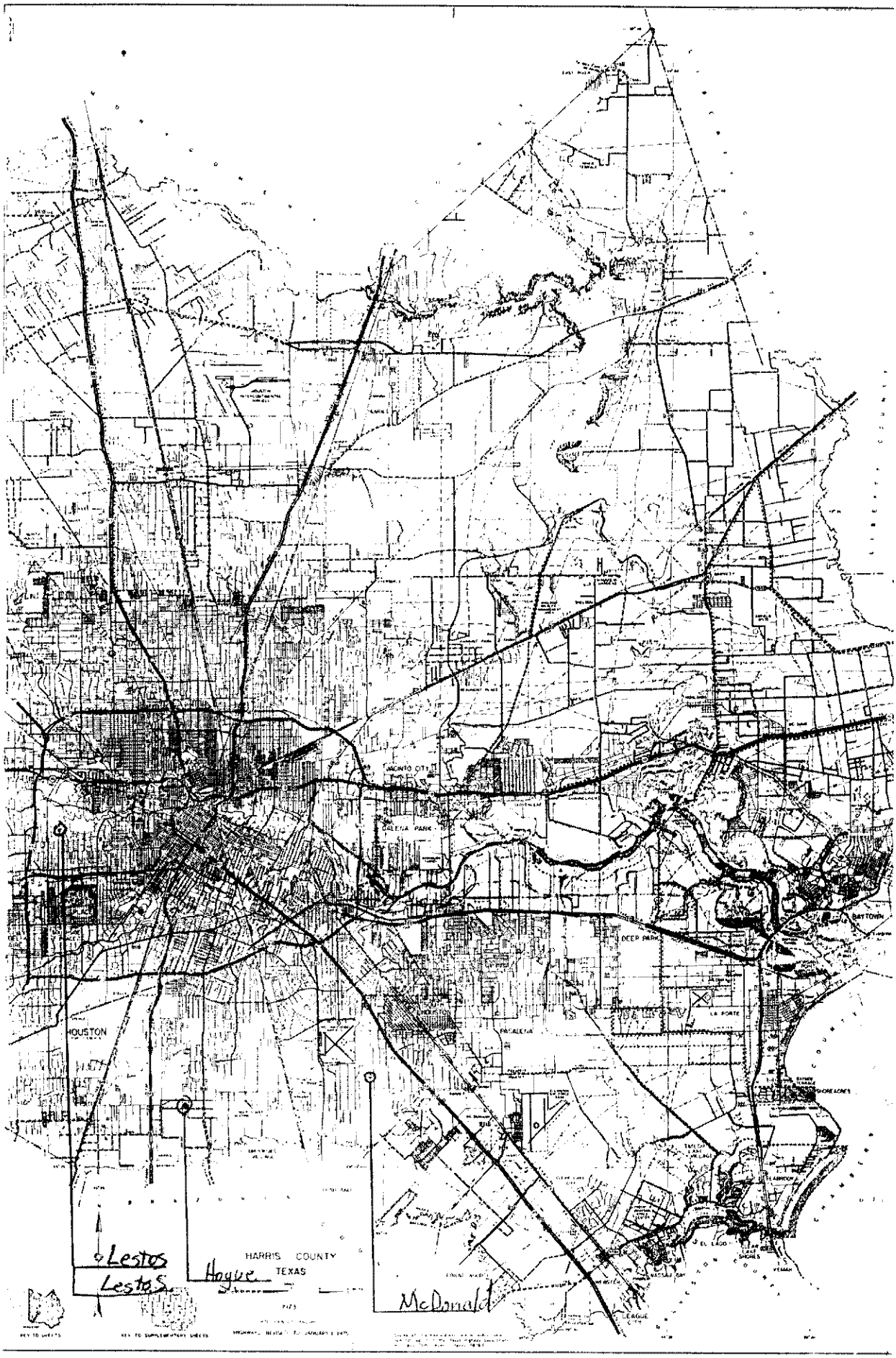
For TDWR use only Well No. 65-13-8 Located on map _____

Please attach electric log, chemical analysis, and other pertinent information, if available.

DEPARTMENT OF WATER RESOURCES COPY

TDWR-0392 (12/29/83)

4820107597


HOUSTON
BAYTOWN
DEER PARK
LA PORTE
PASADENA
HARRIS COUNTY
TEXAS
Lestos
Lesto S.
Hogue
McDonald

STATE OF TEXAS WATER WELL REPORT

1) OWNER: WELSH, RON ADDRESS: 3990 INVERNESS CITY: HOUSTON STATE: TX ZIP: 77019-
2) LOCATION OF WELL: County: HARRIS 0 miles in NW direction from HOUSTON

H-1-AB

LEGAL DESCRIPTION:
Section No.: P-8 Block No.: NW Township: HOUSTON
Abstract No.: INVERNESS Survey Name:
Distance and direction from the nearest intersection of survey lines: SAN FELIPE & WILLOWICK

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 15132 DIAMETER OF HOLE: DIAMETER FROM TO 6.5 0 340 7) BOREHOLE METHOD: STRAIGHT WALL
IF GRAVEL... FROM FT. TO FT. FROM FT. TO FT.
DATE DRILLED: 05/27/94

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	TOP SOIL
3	24	CLAY
24	30	SAND
30	43	CLAY
43	61	SAND
61	288	CLAY
288	311	SAND
311	345	CLAY
345	350	SAND
350	354	CLAY
354	371	SAND
371	385	CLAY
385	403	SAND
403	414	CLAY
414	430	SAND

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5	N	PVC CASING	0	385	WW
2.5	N	PVC LINER	287	308	80
2.5	N	SUPERFLO SCREEN	308	340	12

9) CEMENTING DATA:
Cemented from 385 FT. TO 0 FT.
FT. TO FT.
Method used: PRESSURE
Cemented by: ODCI

10) SURFACE COMPLETION:
OTHER

11) WATER LEVEL:
Static level: 220 FT. DATE: 05/27/94
Artesian flow: GPM. DATE:

12) PACKERS: TYPE DEPTH
B P VALVE 287

RECEIVED SEP 07 1994 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 315

14) WELL TEST:
JETTED
YIELD: 70 GPM WITH FT DRAWDOWN AFTER HRS

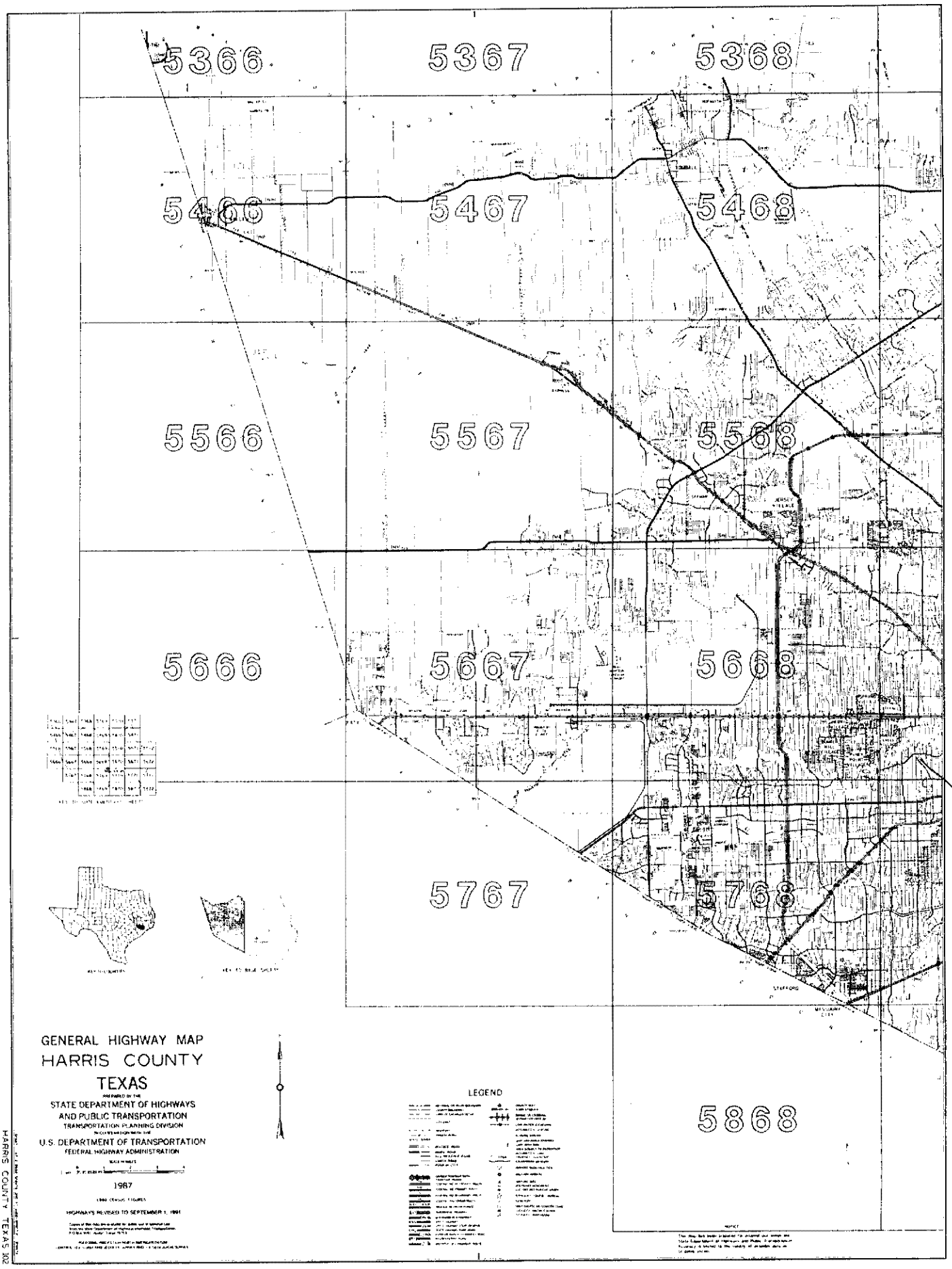
15) WATER QUALITY:
TYPE OF WATER: N/A DEPTH OF STRATA: 16 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: ~~1377~~ 1883 FOR TDWR USE ONLY
ADDRESS: 14405 GARDEN RD CITY: PEARLAND STATE: TX ZIP CODE: 77581 WELL NO. H-1-17 B
LOCATED ON MAP 35-73-7

I (WE) CERTIFY THAT THIS REPORT IS TRUE AND COMPLETE TO THE BEST OF MY (OUR) KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE REPORT BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Angel Bautista (signed)

4820107565


5366
5367
5368
5466
5467
5468
5566
5567
5568
5666
5667
5668
5767
5768
5868
H-1-
AB
GENERAL HIGHWAY MAP
HARRIS COUNTY
TEXAS
PREPARED BY THE
STATE DEPARTMENT OF HIGHWAYS
AND PUBLIC TRANSPORTATION
TRANSPORTATION PLANNING DIVISION
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
1987
LEGEND
HARRIS COUNTY TEXAS 102

Send original copy by certified return receipt requested mail to TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: *Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)*

State of Texas WELL REPORT

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER Anne [redacted] CHAO (Name) ADDRESS 3970 INVERNESS (Street or RFD) HOUSTON (City) Tx. (State) 77019 (Zip)

2) ADDRESS OF WELL'S LOCATION: County HARRIS 3970 INVERNESS (Street, RFD or other) HOUSTON (City) Tx. (State) 77019 (Zip) Long. ____ Lat. ____ Grid # 65-21-1

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

(4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [ ] Domestic [ ] Industrial [X] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) ↑ N

6) WELL LOG:
Date Drilling:
Started 9-24 19 99
Completed 9-28 19 99

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8	Surface	490

7) DRILLING METHOD (Check): [ ] Driven [ ] Air Rotary [X] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other ____

From (ft.)	To (ft.)	Description and color of formation material
0	30	CLAY
30	90	SAND
90	240	CLAY
240	300	ROCK, CLAY
300	340	SANDY SHALE
340	420	ROCK, CLAY
420	440	SHALE, ROCK
440	490	SAND

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): [ ] Open Hole [ ] Straight Wall [ ] Underreamed [ ] Gravel Packed [X] Other 2 String
If Gravel Packed give interval from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia (in.)	New or Used	Steel, Plastic, etc Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5	N	CASING	460	0	SDR17
2½	N	LINER	456	435	SCH40
2½	N	SCREEN	490	456	.012

9) CEMENTING DATA
Cemented from 460 ft. to 200 ft. No. of sacks used 20
0 ft. to 15 ft. No. of sacks used 12
Method used HALIBURTON
Cemented by RWW
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance OWNER

13) [ ] Well plugged within 48 hours

Casing left in well: From (ft.)	To (ft.)	Cement bentonite placed in well: From (ft.)	To (ft.)	Sacks used:

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed
[X] Specified Steel Sleeve Installed
[ ] Pitless Adapter Used
[ ] Approved Alternative Procedure Used

14) TYPE PUMP:
[ ] Turbine [ ] Jet [X] Submersible [ ] Cylinder
[ ] Other ____
Depth to pump bowls, cylinder, jet, etc., 315 ft

15) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [X] Jetted [ ] Estimated
Yield: ____ gpm with ____ ft. drawdown after ____ hrs

11) WATER LEVEL:
Static level 220 ft. below land surface Date 9-28-99
Artesian flow ____ gpm. Date ____

16) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? [ ] Yes [X] No

12) PACKERS: Type K Depth 435

I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME ROBINSON WATER WELL SERVICE, INC. (Type or print) WELL DRILLER'S LICENSE NO. 54211 PKW

ADDRESS 11819 W. MONTGOMERY RD. (Street or RFD) HOUSTON (City) Tx. (State) 77086 (Zip)

(Signed) David Adelman B-1 (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDLR FORM 001WWD (4/98) *White - TDLR Yellow - DRILLER Pink - WELL OWNER*

482024076

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, TX 78711-3087 (13) *Please use black ink.*

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, TX 78711-3087
512-371-6299

1) **OWNER** Ann Chao (Name) **ADDRESS** 3970 Inverness (Street or RFD) Hou. Tx. (City) (State) (Zip)

2) **LOCATION OF WELL:** County Harris, 4 miles in W (NE, SW, etc.) direction from HOUSTON (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **LEGAL DESCRIPTION:**
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ **SEE ATTACHED MAP**

3) **TYPE OF WORK (Check):** ☐ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) **DRILLING METHOD (Check):** ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) **WELL LOG:**
Date Drilling: Started 12/14 19 94 Completed 12/17 19 94

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
77/8	Surface	490
4½	490	510

7) **BOREHOLE COMPLETION:** ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☒ Other 2 String Cemented
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	40	Clay
40	100	Sand
100	180	Clay
180	240	Shale
240	320	Sand & Rock
320	440	Clay & Shale
440	510	Sand

(Use reverse side if necessary)

8) **CASING, BLANK PIPE, AND WELL SCREEN DATA:**

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	To	Gage Casting Screen
5	N	PVC Casing	0	486	SDR 17
2½	N	PVC Liner	478	485	Sch 40
2½	N	PVC Screen	485	510	.012

9) **CEMENTING DATA** [Rule 287.44(1)]
Cemented from 486 ft. to 286 ft. No. of Sacks Used 20
0 ft. to 15 ft. No. of Sacks Used 10
Method used Halliburton
Cemented by RWW

10) **SURFACE COMPLETION**
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☒ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) **WATER LEVEL:**
Static level _____ ft. below land surface Date 12/17/94
Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type K Depth 478

13) **TYPE PUMP:** ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____

14) **WELL TESTS:**
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

RECEIVED MAY 02 1995 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Robinson Water Well Ser., Inc (Type or print) **WELL DRILLER'S LICENSE NO.** 2212

ADDRESS 11819 Tomball Pky (Street or RFD) Hou. Tx. 77086 (City) (State) (Zip)

(Signed) Jim Robinson (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

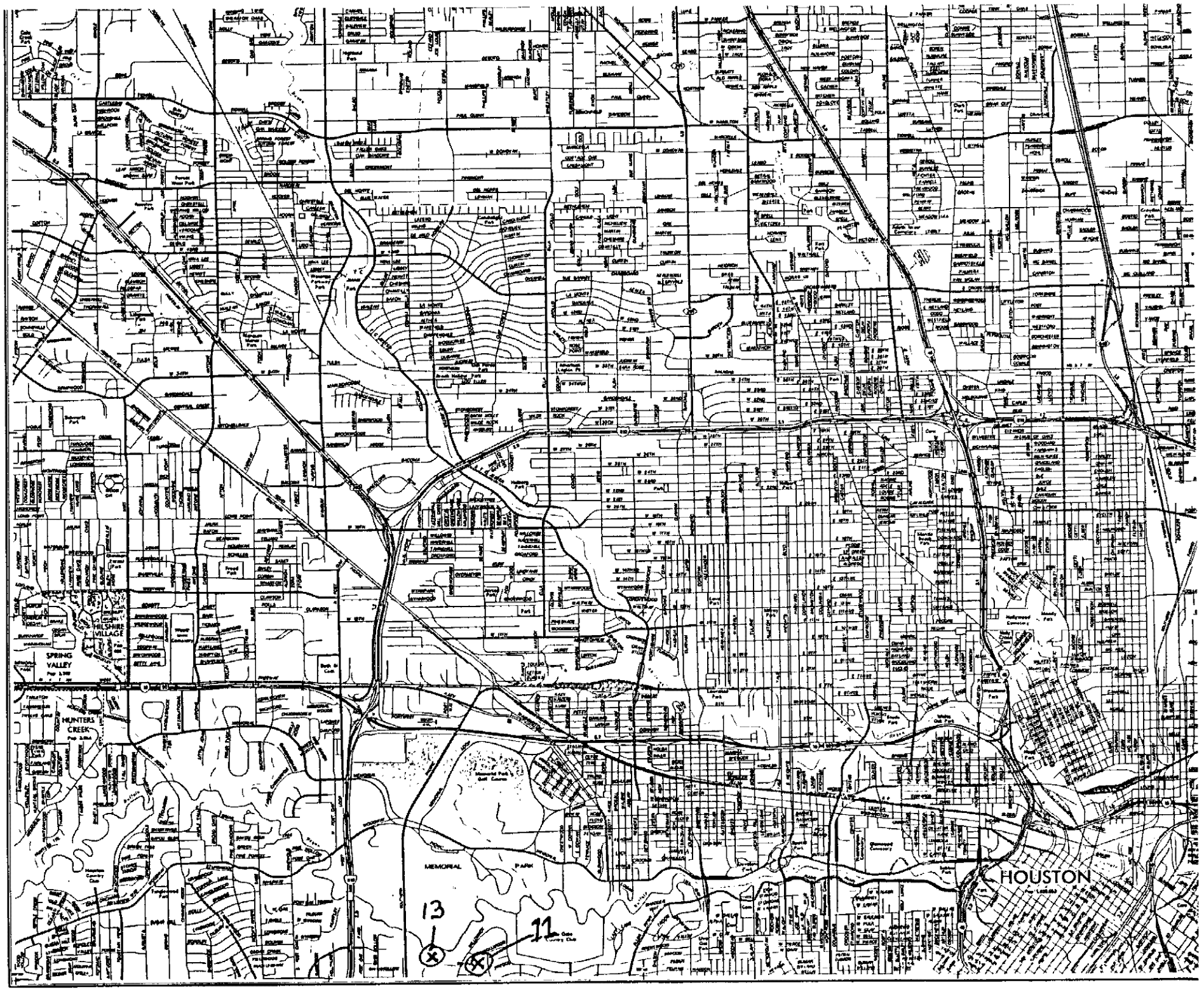
For TWC use only: Well No. _____ Located on map _____

TWC-0199 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

4820124935

KM-p.42


SPRING VALLEY
HILSHIRE VILLAGE
HUNTERS CREEK
MEMORIAL PARK
HOUSTON
13
11

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: HUCKIN, KARLA ADDRESS: 4000 INVERNESS CITY: HOUSTON STATE: TX ZIP: -

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-13-8
Street or RFD: 4000 INVERNESS
City, State, Zip code: HOUSTON , TX - 77019

5)

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: SINGLE FAMILY RESID
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 01920

DATE DRILLING:
STARTED: 07/25/00
COMPLETED: 10/14/00

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.0	0	350
4.875	350	370

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: TWO STRING/K-PACKER

IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

N

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	350		CASING
3.0	N	P.V.C. SCH.40	343	350		LINER
3.0	N	P.V.C. - SLOTTED	350	368		.010
3.0	N	P.V.C. SCH.40	368	370		LINER

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	12	CLAY-GRAY
12	20	CLAY-TAN
20	52	SAND-TAN-.010-.012 BROKEN SANDSTONE
52	203	CLAY-RED
203	222	SAND-TAN-.006-.008
222	289	CLAY-RED CLAY / SAND STREAKS
289	308	SAND-TAN-.010-.012
308	336	CLAY-RED CLAY-BLUE
336	368	SAND-WHITE-.010-.012
368	370	CLAY-RED

9) CEMENTING DATA:
Cemented from No. of Sacks Used
0 FT. TO 350 FT. 59
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS
Distance to septic field lines: N/A ft.
Method of verification of above distance:
CITY SEWER

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 205 FT. DATE: 07/28/00
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
K-PACKER	343
K-PACKER	344

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 296

14) WELL TEST:
JETTED
YIELD: 50 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 370 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843, 2843, 2350
ADDRESS: P.O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TWC USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Carl Lofton (LICENSED WATER WELL DRILLER)

(signed) _____ (REGISTERED DRILLER TRAINEE)

4820125332

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
ANN CHAO	3970 INVERNESS	HOUSTON	TX.	77019

2) WELL LOCATION

County	Physical Address	City	State	Zip
HARRIS	3970 INVERNESS	HOUSTON	TX.	77019

Lat. Long. Grid # 62-21-4

3) Type of Work
☑ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☑ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply
If Public Supply well, were plans submitted? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 4 / 1 / 02
Completed 4 / 2 / 02

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
8	0	494

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☑ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft)	To (ft)	Description and color of formation material
0	40	CLAY, WHITE
40	70	SAND
70	200	CLAY
200	340	SAND
340	400	SHALE, SANDY SHALE
400	450	CLAY, ROCK
450	494	SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☑ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☑ Other 2 STRING
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
5"	N	CASING	464	0	SDR17
2.5	N	LINER	464	450	SL40
2.5	N	SCREEN	474	464	.012
2.5	N	SCREEN	494	474	.008

9) Cementing Data
Cementing from 464 ft. to 0 ft. # of sacks used 30
0 ft. to 15 ft. # of sacks used 14
Method Used HALIBURTON
Cementing By RWW
Distance to septic system field or other concentrated contamination N/A ft.
Method of verification of above distance CONTRACTOR

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion
☐ Specified Surface Slab Installed
☑ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Type Pump
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc., 294 ft.

11) Water Level
Static level 205 ft. below Date 4 / 2 / 02
Artesian Flow gpm. Date / /

15) Water Test
Typetest ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

12) Packers Type K Depth 450

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☑ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made ☐ Yes ☑ No

DAVID HELMS

Company or individual's Name (type or print)	ROBINSON WATER WELL SERVICE, INC.	Lic. No. 54211 PKW
Address 11819 W. MONTGOMERY RD.	City HOUSTON	State TX. Zip 77086

Signature (Licensed Driller/Pump Installer)	Date	Signature (Apprentice)	Date
David Helms By	5 / 30 / 02		/ /

TDLR FORM 6001WWD White - TDLR Yellow - Owner Pink - Driller/Pump Installer 4820126765

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well @license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
AL LASHER	4295 SAN FELIPE STE. 310	HOUSTON	TX	77027

2) WELL LOCATION

County	Physical Address	City	State	Zip
HARRIS	3964 INVERNESS	HOUSTON	TX	

Lat. Long. Grid # 65-13-8

3) Type of Work
☒ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☒ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply
If Public Supply well, were plans submitted? ☐ Yes ☐ No

5) N↑ X

6) Drilling Date
Started 6 / 4 / 02
Completed 6 / 5 / 02

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
6 3/4	0	450
3 7/8	450	470

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft)	To (ft)	Description and color of formation material
0	2	TOP SOIL
2	97	CLAY
97	130	SAND
130	206	CLAY
206	247	SAND
247	305	CLAY
305	323	SAND
323	380	CLAY
380	397	SAND
397	341	CLAY

(Use reverse side of Well Owner's copy, If necessary) **(OVER)**

8) Borehole Completion ☐ Open Hole ☒ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☐ Other
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
4	N	PVC CASING	0	450	
2 1/2	N	GALVANIZED LINER	443	450	
2 1/2	N	S.S.R.B. SCREENS	450	470	.010

9) Cementing Data
Cementing from 0 ft. to 115 ft. # of sacks used 25
400 ft. to 450 ft. # of sacks used 8
Method Used HALLIBURTON/ TRIMME
Cementing By AQUAUTILITY CONSTRUCTION L.P.
Distance to septic system field or other concentrated contamination ____ ft.
Method of verification of above distance

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion
☐ Specified Surface Slab Installed
☒ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Type Pump
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc., ft.

11) Water Level
Static level 202 ft. below Date 6 / 5 / 02
Artesian Flow gpm. Date / /

15) Water Test
Typetest ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: 50 gpm with ____ ft. drawdown after ____ hrs.

12) Packers

Type	Depth
K-PACKER	443

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☒ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made ☐ Yes ☒ No

Company or individual's Name (type or print): AQUAUTILITY CONSTRUCTION L.P. Lic. No. 2035
Address P.O. BOX 874 City TOMBALL State TX Zip 77377

Signature (Licensed Driller/Pump Installer) Date / / Signature (Apprentice) Date 9 / 4 / 02

CRAIG BUSSELL JASON BEAM

TDLR FORM b001WWD *White - TDLR* *Yellow - Owner* *Pink - Driller/Pump Installer*

48201 27122

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER J. Brian Estate (Name) Address 3960 Inverness (Street or RFD) Houst (City) TX (State) (Zip)

2) LOCATION OF WELL: County Harris, _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description: Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

21

Map 3a. ☒ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ~~☒ Dual String~~

6) WELL LOG:

Date drilled Mar. 13-14 1985

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 1/2	Surface	394
3 1/8	394	431

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☒ Other Dual String
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	5	Sandy brown
5	68	Red clay
68	75	Black
75	82	Sand
82	118	Red clay
118	134	Black
134	204	Red clay
204	219	Black
219	228	Sand
228	290	Red clay
290	310	Black
310	341	Red clay
341	355	Black
355	431	Sand

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	To	Gage Casing Screen
4	N	Steel	42	394	40
2 1/2	N	Steel	390	431	12
2 1/2	N	Steel	390	411	40

CEMENTING DATA
Cemented from 394 ft. to Surface ft.
Method used Hydrobrush
Cemented by Self (Company or Individual)

9) WATER LEVEL:
Static level 168 ft. below land surface Date Mar 14
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

RECEIVED JUL - 2 1985 DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

11) TYPE PUMP: ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 252 ft.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME Johnson's Water Well (Type or Print) Water Well Driller's License No. 1807

ADDRESS 8933 Takott Ln (Street or RFD) Houst (City) TX (State) 77049 (Zip)

(Signed) _____ (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

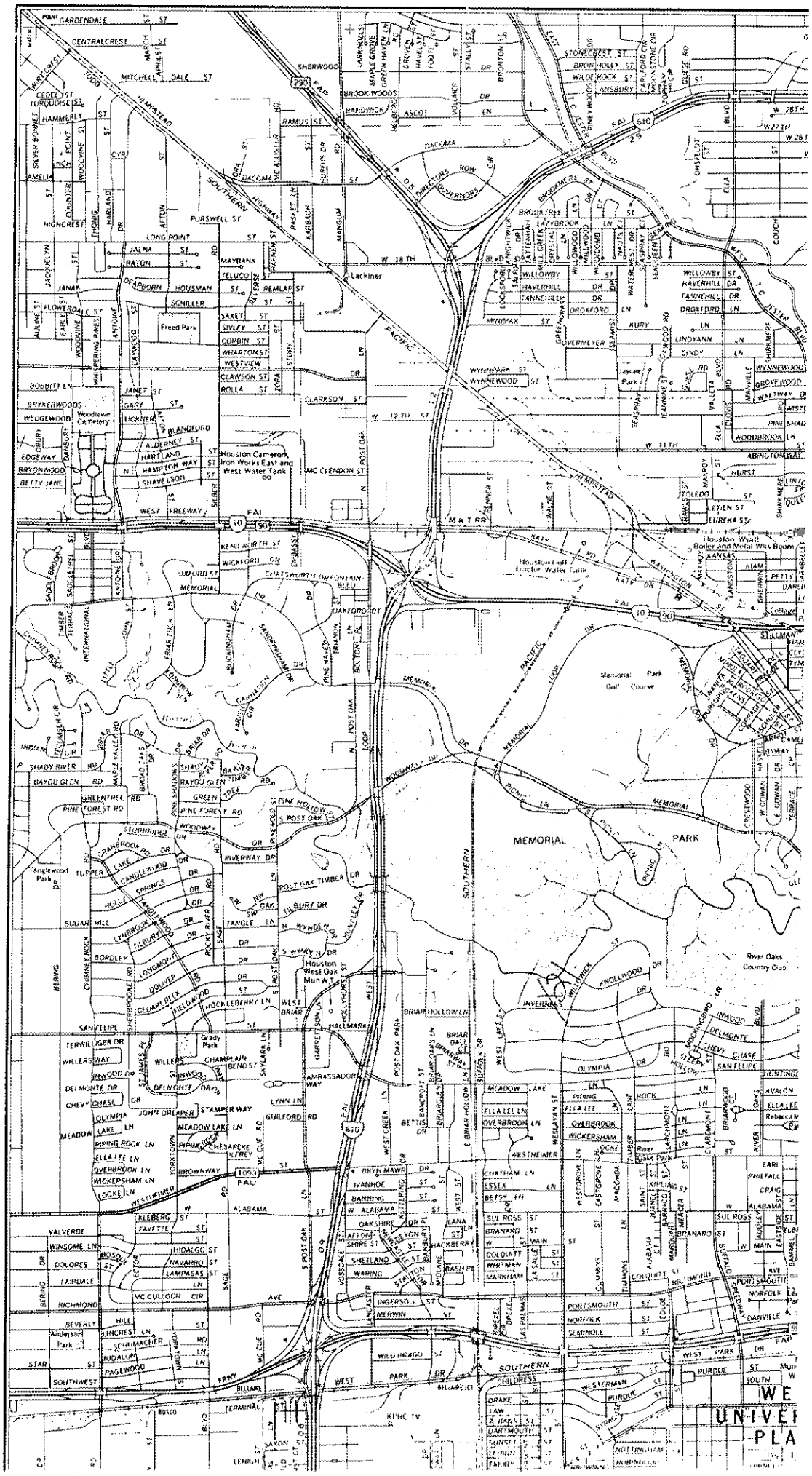
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only: Well No. 65-_____ Located on map Yes D.L.F.

TDWR 0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY

4820107590


MEMORIAL
PARK
Memorial Park Golf Course
River Oaks Country Club
Freed Park
Woodlawn Cemetery
Houston Cameron Iron Works East and West Water Tank
Houston Wyatt Boiler and Metal Wks Bldg
Houston West Oak Mun Wt
Grady Park
Tanglewood Park
Anderson Park
SOUTHERN PACIFIC
WEST FREEWAY
MEMORIAL DR
WOODWAY DR
SHERWOOD
DACOMA
PURSWELL ST
LONG POINT ST
W 18TH
CLARKSON ST
W 12TH ST
W 11TH
MC CLENDON ST
KENILWORTH ST
WICKFORD DR
OXFORD ST
CHATSWORTH FOUNTAIN
ALABAMA
KIRBY
BELLAIRE
TERMINAL
BUSCO
SAVON
LEHRAN
KPRC TV
WEST PARK
PURDUE
SOUTH
WESTERMAN
CHILDRESS
SOUTHWEST
PAGEWOOD
RICHMOND
MC CULLOCH CIR
FAIRDALE
DOLORES
WINSOME LN
VALVERDE
KLEBERG ST
FAYETTE ST
HIDALGO ST
NAVARRO ST
LAMPASAS ST
BROWNWAY
CHESAPEKE
GUILFORD RD
STAMPER WAY
JOHN DREAPER
MEADOW LAKE LN
OLYMPIA
CHEVY CHASE
DELMONTE DR
WINWOOD DR
CHAMPLAIN BEND ST
TERWILLIGER DR
WILLERS WAY
SAN FELIPE
HOCKLEBERRY LN
CLOVERLEAF
YELLOWWOOD
SUGAR HILL
BORDLEY
LONGMONT
DOLVER
TIDBURY
TANGLE LN
TIDBURY DR
POST OAK TIMBER DR
RIVERWAY DR
CRANBROOK RD
TUPPER LANE
CANDLEWOOD
SPRINGS
HOLLY
SHADY RIVER
BAYOU GLEN RD
GREENTREE
PINE FOREST RD
PINE HOLLOW
S POST OAK
N POST OAK
BRIAR HOLLOW LN
HALLMARK
BRIAR OAKS LN
BRIAR DALE
BRIAR OAK
BANCROFT ST
WEST CREEK LN
BETTIS
E BRIAR HOLLOW LN
SUFFOLK DR
WEST LAKE
MEADOW LAKE
ELLA LEE LN
OVERBROOK LN
WICKERSHAM
WESTHEIMER
BRYN MAWR
IVANHOE
BANNING
OAKSHIRE
SHETLAND
WARING
STATION
INGERSOLL ST
MERWIN ST
WILD INDIGO
PARK DR
CHATHAM LN
ESSEX
BETSY LN
SUL ROSS
BRANARD
COLQUITT
WHITMAN
MARKHAM
PORTSMOUTH
NORFOLK
SEMINOLE
DANVILLE
DRAKE
LAW
ALABAMA
DARTMOUTH
SUNSET
NOTTINGHAM
ROBINWOOD
INVERNESS
KNOLLWOOD
WILLOWICK
INWOOD
DELMONTE
CHEVY CHASE
SAN FELIPE
OLYMPIA
HUNTINGDON
AVALON
ELLA LEE
Rebecca
EARL
PHILFALL
CRAIG
ALABAMA
SUL ROSS
BRANARD
MAIN
COLQUITT
PORTSMOUTH
NORFOLK
DANVILLE
WEST PARK
PURDUE
SOUTH
WE
UNIVE
PLA

8A

File original copy with
Texas Water Commission
P. O. Box 2311, Capitol Station
Austin 11, Texas

State of Texas

DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 65-13-[illegible]
Located on map [illegible]
By [illegible] Date [illegible]
Map no. [illegible]

1) Well Owner: J. Brian Eby (Name) Bank of the Southwest Bldg., (Street or RFD) Houston, (City) Texas (State)

2) Land Owner: Same: (Name) Location of Well: 3960 Inverness St. (Street or RFD) Houston, (City) Texas (State)

3) Intended use: Industrial ☐ ; Municipal ☐ ; Irrigation ☐ ; Other Domestic

4) Location of well: County Harris Labor _____ League _____ Abstract No. _____

NW¼ NE¼ SW¼ SE¼ (Circle as many as are known) of Section _____ Block No. _____ Survey _____

_____ miles in _____ (NE, SW, etc.) direction

from _____ (Town)

North

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 4" in. Date drilled 11/20/64

All measurements made from 0 ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	31	Tough Red Clay	202	226	Sand
31	58	Sand - Fine	226	284	Shale
58	72	Red Clay	284	314	Sand
72	106	Sand	314	344	Hard Shale
106	120	Blue Shale	344	378	Sand - Good
120	144	Red Clay	378	382	Shale - Soft
144	173	Sand	382	431	~~XXX~~ Sand - Top Loose - Good
173	202	Shale			(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION

Straight wall ☒
Under reamed ☐
Gravel packed ☐
Open hole ☐
Other _____

CASING

Type: Old ☐ New ☒
Cemented from Surface ft. to 389 ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
4"	0	389
11'	2½"	

SCREEN

Type LOP Stainless
Perforated ☐ Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (ft)
2½"	391	431

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

R B Lowry (Signature) Lowry Water Wells (Company Name) Reg. No. 116

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA

Static water level 180 Ft.
ft. below _____

Pumping level

feet	hours	gpm

Pump type Electric
Designed pumping rate _____ gpm ☐ gph ☐
Type power unit Jacuzzi Submersible
Horsepower 5 HP
Depth to bowls, cylinder, jet, etc., 344' - 2" ft. below pump base.

of contractor testing well or installing permanent pump if other than your company: _____

(62-4)

4820107578

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-837

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513837
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.751945
Latitude (degrees minutes seconds)	29° 45' 07" N
Longitude (decimal degrees)	-95.441945
Longitude (degrees minutes seconds)	095° 26' 31" W
Coordinate Source	+/- 1 Second
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	55
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	321
Well Depth Source	Driller's Log
Drilling Start Date	
Drilling End Date	0/0/1985
Drilling Method	Mud (Hydraulic) Rotary
Borehole Completion	Screened

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	None
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Lestos Co.
Driller	Almeda Water
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	
Created Date	6/5/1997
Last Update Date	6/5/1997

Remarks	

Casing - No Data

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements

No Data Available

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-829

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513829
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.752501
Latitude (degrees minutes seconds)	29° 45' 09" N
Longitude (decimal degrees)	-95.444722
Longitude (degrees minutes seconds)	095° 26' 41" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCTL - Chicot Aquifer, Lowe
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	55
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	431
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1964
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	J. Brian Eby
Driller	Lowry Water Wells
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178: Screen from 391 to 431 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

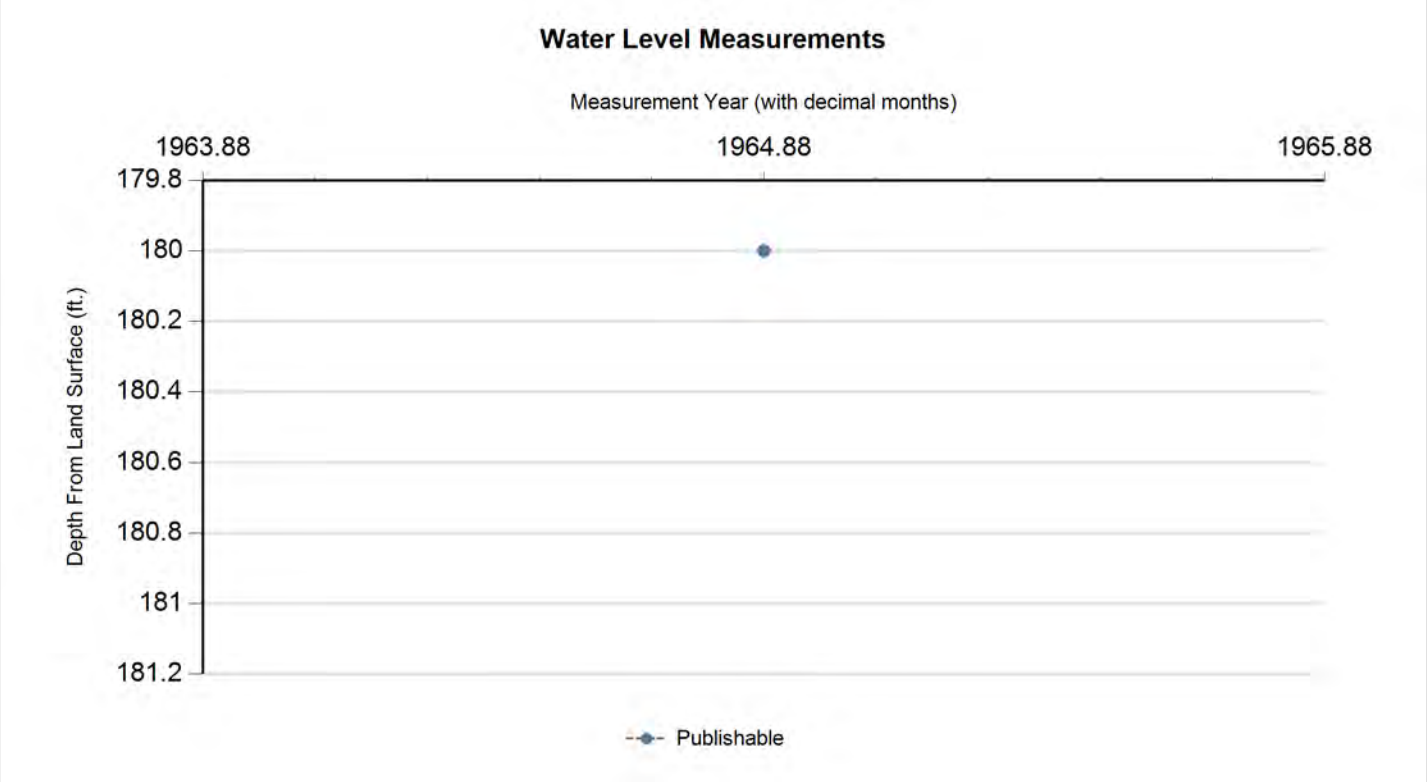
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	11/20/1964		180		-125	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

STATE OF TEXAS WELL REPORT for Tracking #220507

Owner:	**G Brock**	Owner Well #:	**Well log 42798**
Address:	**4010 A Inverness Dr Houston, TX 77019**	Grid #:	**65-13-8**
Well Location:	**4010 A Inverness Dr Houston, TX 77019**	Latitude:	**29° 45' 02" N**
		Longitude:	**095° 26' 47" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Irrigation**

Drilling Start Date: **11/9/2007** Drilling End Date: **1/31/2008**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**4.5**	**0**	**445**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:			**7**
	0	**417**	**50**

Seal Method: **Pressure**

Sealed By: **ODCI**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Surface Slab Installed**

Water Level: **190 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **B P Seal 392'**

Type of Pump: **Submersible** Pump Depth (ft.): **273**

Well Tests: **Jetted** **Yield: 70 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**35**	**n/a**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **O'Day Drilling Co., Inc.**

5923 CR 931
Rosharon, TX 77583

Driller Name: **Angel Bautista** License Number: **4883**

Apprentice Name: **Arturo Barrera**

Comments: **$mew**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**Top Soil**
3	**32**	**Clay**
32	**62**	**Sand**
62	**216**	**Clay**
216	**232**	**Sand**
232	**301**	**Clay**
301	**320**	**Sand**
320	**364**	**Clay**
364	**382**	**Sand**
382	**420**	**Clay**
420	**455**	**Sand**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5	**New**	**PVC Casing**	**0 - 417 WW**
3	**New**	**Galvanized Liner**	**392 - 425 Sch40**
3	**New**	**S/S Pipe Base Screen**	**425 - 435 006 ga**
3	**New**	**S/S Pipe Base Screen**	**435 - 455 008 ga**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

STATE OF TEXAS WELL REPORT for Tracking #437834

Owner:	**COCKRELL, ERNIE**	Owner Well #:	**04477**
Address:	**3953 INVERNESS HOUSTON, TX 77019**	Grid #:	**65-13-8**
Well Location:	**3953 INVERNESS HOUSTON, TX 77019**	Latitude:	**29° 45' 04" N**
		Longitude:	**095° 26' 37" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Irrigation**

Drilling Start Date: **12/10/2015** Drilling End Date: **4/1/2016**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8**	**0**	**351**
	4.5	**351**	**384**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **2 STRING/K-PACKER**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**351**	**Cement 54 Bags/Sacks**

Seal Method: **PRESSURE-HALLIBURTON**

Sealed By: **Driller**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **50+**

Method of Verification: **OWNER**

Surface Completion: **Pitless Adapter Used**

Water Level: **189 ft.** below land surface on **2016-04-01**

Packers: **No Data**

Type of Pump: **Submersible** Pump Depth (ft.): **315**

Well Tests: **Jetted** **Yield: 125 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**384**	**NOT TESTED**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **ALMEDA WATER WELL SERVICE**

PO BOX 266
MANVEL, TX 77578

Driller Name: **JOHN MIKE PYBURN** License Number: **2843**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	3	SOIL
3	80	CONCRETE CLAY RED
80	106	SAND TAN FINE, SAND TAN - .006 - .008
106	160	CLAY RED
160	174	SAND TAN - .006 - .008
174	220	CLAY RED
220	235	SAND TAN - .006 - .008
235	296	CLAY RED
296	320	SAND TAN - .006 - .008
320	348	CLAY RED
348	384	SAND GRAY - .006 - .008 SAND GRAY - .010 - .012

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
5	CASING	New Plastic (PVC)	SDR 17	0	351
3	LINER	New Plastic (PVC)	SCH 40	340	354
3	Perforated or Slotted	New Plastic (PVC)	0.008	354	384

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

STATE OF TEXAS WELL REPORT for Tracking #218242

Owner:	**Robertson, Corbin**	Owner Well #:	**1**
Address:	**3985 Inverness Houston, TX 77019**	Grid #:	**65-13-8**
Well Location:	**3985 Inverness Houston, TX 77019**	Latitude:	**29° 45' 06" N**
		Longitude:	**095° 26' 42" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **1/26/2010** Drilling End Date: **2/2/2010**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**7.875**	**0**	**450**
	4.75	**450**	**473**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**450**	**40**

Seal Method: **Positive Displacement**

Sealed By: **Driller**

Distance to Property Line (ft.): **>50**

Distance to Septic Field or other concentrated contamination (ft.): **>150**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Alternative Procedure Used**

Water Level: **193 ft.** below land surface on **2010-01-30** Measurement Method: **Unknown**

Packers: **Kpacker 443'**
Kpacker 444'

Type of Pump: **Submersible** Pump Depth (ft.): **357**

Well Tests: **Jetted** **Yield: 60 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**No Data**	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Bussell & Sons LLC**

PO Box 874
Tomball, TX 77377

Driller Name: **Robert Pipes** License Number: **4196**

Comments: **^EO**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	8	topsoil
8	15	sandy loam
15	31	clay
31	59	sand & gravel
59	95	clay
95	100	sand
100	107	shale
107	136	sand
136	152	shale & rock
152	154	rock
154	165	shale w/sand streaks
165	205	shale
205	216	sand
216	271	shale
271	293	sand
293	317	shale w/rock
317	338	shale
338	359	sand

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" New SDR17 Casing 0'-450'			
3" New Galvanized Liner 443'-453'			
3" New SSRB Screen 453'-473' 0.012			

359	**360**	**rock**
360	**375**	**gravel & sand**
375	**383**	**shale**
383	**385**	**rock**
385	**403**	**shale w/sand streaks**
403	**453**	**shale**
453	**473**	**sand**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

STATE OF TEXAS WELL REPORT for Tracking #378914

Owner:	**Mike Linn**	Owner Well #:	**13129**
Address:	**3925 Inverness Houston, TX 77002**	Grid #:	**65-13-8**
Well Location:	**3925 Inverness Houston, TX 77002**	Latitude:	**29° 45' 04" N**
		Longitude:	**095° 26' 33" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Irrigation**

Drilling Start Date: **9/15/2014** Drilling End Date: **9/16/2014**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.5**	**0**	**325**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **2 String**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**300**	**60**
	0	**10**	**10**

Seal Method: **Pressure Cemented**

Sealed By: **SDI**

Distance to Property Line (ft.): **10**

Distance to Septic Field or other concentrated contamination (ft.): **None**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Owner**

Surface Completion: **Surface Sleeve Installed**

Water Level: **175 ft.** below land surface on **2014-09-29** Measurement Method: **Unknown**

Packers: **K- Packer 290'**

Type of Pump: **Submersible** Pump Depth (ft.): **275**

Well Tests: **Jetted** **Yield: 70 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**No Data**	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Scott Drilling Inc.**

11923 Green Pines Circle
Houston, TX 77066

Driller Name: **Scott Robinson** License Number: **4839**

Apprentice Name: **Carlos DeLeon** Apprentice Number: **59057**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**40**	**Clay**
40	**70**	**Sand**
70	**105**	**Clay**
105	**125**	**Sand**
125	**300**	**Clay**
300	**325**	**Sand**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5	**New**	**PVC Casing**	**0-300**
2.5	**New**	**PVC Liner**	**290-300**
2.5	**New**	**PVC Screen**	**300-325 .008**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

WRD Exp. (GW)
April 1966

Well No. J-65-13-916

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by Gene McAdoo P.P. Livingston (72) — Source of data File — Date 1-19-68 — Map 1:24000 Houston Heights 1955

State: Texas [48] — County (or town): Harris [LJ]

Latitude: 29 46 17 N — Longitude: 095 23 47 — Sequential number: 1

Lat-long accuracy: 1 — T. ___ S, R ___ W, Sec ___, ___ k, ___ k, ___ k

Local well number: LJ-65-13-916 — Other number: 604 in B & M 889-C

Local use: ___ — Owner or name: Horlock Ice Co.

Owner or name: HORLOCK ICE CO — Address: Houston, Texas.

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — N

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — U

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Ø) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdrew, (X) Waste, (Z) Destroyed — Z 1968

1931-1968

DATA AVAILABLE: Well data 9 — Freq. W/L meas.: Quarterly Q — Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: None — Pumpage inventory: yes no, period:

Aperture cards: yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 340 ft 340 — Meas. rept. Driller accuracy 6

Depth cased (first perf.): ? ft — Casing type: S; Diam. 8 in 5

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Ø) open end, (P) perf., screen, (S) sd. pt., (T) shored, (W) open hole, (X) other

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (X) other — H

Date Drilled: 1925 — Pump intake setting: ___ ft

Driller: J.A. Walling

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (X) other — N — Deep Shallow

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. ___ — Trans. or meter no.

Descrip. MP ___ +1.7 ft above/below LSD, Alt. MP

Alt. LSD: 60 — Accuracy (source): Topo 5' — 3

Water Level: 71.34 ft above/below MP; Ft above/below LSD 70 — Accuracy: meas — A

Date meas: 1-23-31 — Yield: ___ gpm — Method determined

Drawdown: ___ ft — Accuracy: ___ — Pumping period ___ hrs

QUALITY OF WATER DATA: Iron ___ ppm — Sulfate ___ ppm — Chloride ___ ppm — Hard. ___ ppm

Sp. Conduct ___ K x 10^6 — Temp. ___ °F — Date sampled

Taste, color, etc.

Well No. LJ-65-13-916

Well No. LJ-65-13-916

Latitude-longitude 29 d, 46 m, 17 s 095 d, 23 m, 47.1 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: Coastal Plain (20–21) Section: West

GCP (22) Drainage Basin: (23–25) Subbasin: (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat (27)

MAJOR AQUIFER: system, series (28–29) aquifer, formation, group (30–31) Q C

Lithology: (32–33) Origin: (34) Aquifer Thickness: ft

(35–37) Length of well open to: ft (38–40) Depth to top of: ft (41–43)

MINOR AQUIFER: system, series (44–45) aquifer, formation, group (46–47)

Lithology: (48–49) Origin: (50) Aquifer Thickness: ft

(51–53) Length of well open to: ft (54–56) Depth to top of: ft (57–59)

Intervals Screened:

Depth to consolidated rock: ft (60–63) Source of data: (64)

Depth to basement: ft (65–68) Source of data: (69)

Surficial material: (70–71) Infiltration characteristics: (72)

Coefficient Trans: gpd/ft (73–75) Coefficient Storage: (76–78)

Coefficient Perm: gpd/ft^2; Spec cap: gpm/ft; Number of geologic cards: (79)

Well No. LJ-65-13-916

GPO 857-700

Send original copy by certified mail to the Texas Water Development Board
P. O. Box 13087
Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-21-2B
Located on map yes
Received: 73

1) OWNER:
Person having well drilled Westway Utility District (Name) Address #20 Briarhollow Lane (Street or RFD) Houston (City) TX (State)

Landowner Westway Land Co. (Name) Address #20 Briarhollow Lane (Street or RFD) Houston (City) TX (State)

2) LOCATION OF WELL:
County Harris, 15 miles in NW (N.E., S.W., etc.) direction from Houston (Downtown) (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block 1 Survey W.C.R.R. Co.

Abstract No. 917

(NW¼ NE¼ SW¼ SE¼) of Section 9

3) TYPE OF WORK (Check):
New Well X Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic Industrial Municipal X
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary X Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 24 in. Depth drilled 1,650 ft. Depth of completed well 1,280 ft. Date drilled 8-73

All measurements made from 7 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
		SEE ATTACHED

(Use reverse side if necessary)

9) Casing:
Type: Old New X Steel X Plastic Other
Cemented from 0 ft. to 700 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
20	0	700	.375 W.T.

10) SCREEN:
Type Stainless Steel Wire Wrapped
Perforated X Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
10	718	1270	.035

7) COMPLETION (Check):
Straight wall Gravel packed X Other
Under reamed X Open Hole

8) WATER LEVEL:
Static level 300 ft. below land surface Date 9-73
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 480 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes X No If yes, by whom? Katy Drilling, Inc.
Yield: 1837 gpm with 382 ft. drawdown after ____ hrs.
Bailer test ____ gpm with ____ ft. drawdown after ____ hrs.
Artesian flow ____ gpm
Temperature of water ____

12) WATER QUALITY:
Was a chemical analysis made? Yes X No
Did any strata contain undesirable water? Yes No X
Type of water? ____ depth of strata ____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Otis G. Larsen (Type or Print) Water Well Drillers Registration No. 951

ADDRESS P. O. Box 278 (Street or RFD) Katy (City) Texas (State) 77450

(Signed) Otis G. Larsen (Water Well Driller) KATY DRILLING, INC. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDB-WD 8

4820104822

WB

2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area. e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.

KATY DRILLING, INCORPORATED

WESTWAY UTILITY DISTRICT
WELL #1
JOB #695
Total Depth 1620'

DRILLER'S LOG

0	Top Soil
64	Clay and Lime Rock
125	Sand
148	Clay and Hard Rock
198	Sand and Lime Rock
250	Clay and Lime Rock
278	Sand and Rocks
340	Clay
360	Sand and Rock
418	Clay
433	Sand and Rock
487	Clay
514	Sand
554	Clay
610	Sand and Rock
652	Clay
701	Sand and Rock
774	Clay
800	Sand and Rock
955	Clay
1020	Sand and Rock
1051	Clay
1153	Sand and Rock
1233	Clay
1253	Sand
1267	Clay
1285	Sand
1332	Clay
1347	Sand and Rock
1455	Clay
1469	Sand and Rock
1498	Clay
1529	Sand
1620	Clay

RECEIVED
FEB 15 1974
Control Records
Texas Water Development Board

RECEIVED
OCT - 5 1973
TEXAS WATER
DEVELOPMENT BOARD

65-13-7F

d original copy by
tified mail to the
:xas Department of Water Resources
. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No.
Located on map
Received:

1) OWNER Autotronic System Inc. (Name) Address 4550 Post Oak Pl. #100 (Street or RFD) Houston (City) Tx. (State) 77027 (Zip)

2) LOCATION OF WELL: County Harris 10 miles in W (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

XX See attached map.

3) TYPE OF WORK (Check): XX New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☒ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other

6) WELL LOG:

Date drilled 1/29/79

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	336

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil
3	22	Clay
22	39	Sand
39	125	Clay
125	179	Sand
179	195	Clay
195	252	Sand
252	262	Clay
262	336	Sand

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	PVC	0	320	40
2 1/2	N	PVC	306	326	80
2 1/2	N	Everflo	326	336	12

CEMENTING DATA
Cemented from 17 Sacks ft. to _____ ft.
Method used _____
Cemented by _____ (Company or Individual)

9) WATER LEVEL:
Static level 220 ft. below land surface Date 1-31-79
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 252 ft.

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 20 gpm with _____ ft. drawdown after _____ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Orlen O'Day (Type or Print) Water Well Drillers Registration No. 786

ADDRESS P.O.Box 162 (Street or RFD) Pearland (City) Texas (State) 77581 (Zip)

(Signed) Orlen O'Day (Water Well Driller) O'Day Drilling Co., Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

4820104820

Send original copy by certified return receipt requested mail to: **TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087**

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** NED HOLMES (Name) **ADDRESS** 1623 RIVER OAKS BLVD HOU TX 77019 (Street or RFD) (City) (State) (Zip)

2) **ADDRESS OF WELL:** County HARRIS SAME (Street, RFD or other) (City) (State) (Zip) **GRID #** 65-13-8

3) **TYPE OF WORK (Check):** [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) **PROPOSED USE (Check):** [ ] Monitor [ ] Environmental Soil Boring [X] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5)

6) **WELL LOG:**
Date Drilling:
Started 3/11 1997
Completed 3/13 1997

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
	Surface	
7 7/8	0	525

7) **DRILLING METHOD (Check):** [ ] Driven [ ] Air Rotary [X] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

N

From (ft.)	To (ft.)	Description and color of formation material
0	27	clay
27	49	sand
49	175	clay
175	250	sand
250	360	clay
360	410	sand
410	460	clay
460	525	sand

(Use reverse side of Well Owner's copy, if necessary)

8) **Borehole Completion (Check):** [ ] Open Hole [ ] Straight Wall [ ] Underreamed [ ] Gravel Packed [X] Other 2 STRING
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5	N	PVC SDR-17	0	495	
2.5	"	GALV LINER	485	495	
"	"	PVC SCREEN	495	525	.008

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from 495 ft. to 250 ft. No. of sacks used 25
0 ft. to 10 ft. No. of sacks used 12
Method used HALIBURTON
Cemented by SCOTT WATER WELL SER. INC.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance CITY SEWER

10) **SURFACE COMPLETION**
[ ] Specified Surface Slab Installed [Rule 338.44(2)(A)]
[X] Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
[ ] Pitless Adapter Used [Rule 338.44(3)(b)]
[ ] Approved Alternative Procedure Used [Rule 338.71]

11) **WATER LEVEL:**
Static level 215 ft. below land surface Date 3/13/97
Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type Depth
K-PACKER 485

13) **TYPE PUMP:**
[ ] Turbine [ ] Jet [X] Submersible [ ] Cylinder
[ ] Other _____
Depth to pump bowls, cylinder, jet, etc., 315 ft.

14) **WELL TESTS:**
Type test: [ ] Pump [ ] Bailer [X] Jetted [ ] Estimated
Yield: _____ gpm with _____ ft drawdown after _____ hrs.

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? [ ] Yes [X] No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME SCOTT WATER WELL SER. INC. (Type or print) **WELL DRILLER'S LICENSE NO.** 4839

ADDRESS 11915 GREEN PINE CIRCLE HOUSTON, TX. 77066 (Street or RFD) (City) (State) (Zip)

(Signed) Scott Robinson (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 05-21-96) (White - TNRCC Yellow - DRILLER Pink - WELL OWNER)

482010 7600

Please use black ink.
Send original copy by certified mail to the
Texas Water Commission
P.O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Mr. Harry Holmes (Name) Address 1623 River Oaks Blvd (Street or RFD) Houston (City) (State) 77019 (Zip)

2) LOCATION OF WELL: County Harris miles in W (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

[ ] Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ See attached map. 07 65 22-6

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☑ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling:
Started 5-13 1987
Completed 5-15 1987

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
8	Surface	439
4 3/4	439	471

7) BOREHOLE COMPLETION:
☐ Open Hole ☑ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other K-Packer
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	2	Fill + Topsoil
2	27	Clay
27	68	Sand
68	163	Clay
163	206	Sand
206	216	Clay
216	242	Sand
242	258	Clay
258	272	Sand
272	276	Clay
276	298	Sand
298	318	Clay
318	330	Sand
330	355	Clay
355	348	Sand
348	430	Clay
430	437	Sand With Streaks of Clay
437	465	Sand - Good
465	470	Sand - Fine
470	471	Clay

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	To	Gage Casing Screen
5	N	Plastic	0	439	SDR 19
2½	N	Steel	433	442	STD
2½	N	Stainless Steel Rod Based	442	462	.010
2½	N	Steel	462	471	STD

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 239 ft. to 439 ft. No. of Sacks Used 22
_____ ft. to _____ ft. No. of Sacks Used _____
Method used Pressure
Cemented by Almeda Water Well Service

10) SURFACE COMPLETION
☑ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 255 ft. below land surface Date 5-16-87
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 315 ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 80 gpm with _____ ft. drawdown after _____ hrs.

RECEIVED
SEP 11 1987
TEXAS WATER COMMISSION

(Use reverse side if necessary)

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Almeda Water Well (Type or Print) Water Well Driller's License No. 2703

ADDRESS P.O. Box 266 (Street or RFD) Manvel (City) Tx (State) 77578 (Zip)

(Signed) [signature] (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 65-13-8
Located on map _____

TWC-0392 (Rev. 06-10-85) TEXAS WATER COMMISSION COPY

4820107606

CWB

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-814

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513814
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.751389
Latitude (degrees minutes seconds)	29° 45' 05" N
Longitude (decimal degrees)	-95.425278
Longitude (degrees minutes seconds)	095° 25' 31" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	121EVGL - Evangeline Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	60
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	1084
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1935
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Turbine
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	H. R. Cullen
Driller	Layne Texas Co.
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178: 89 ft. of screen between 810 and 1,083 ft. Yield: 269 gpm with 35 ft. drawdown when drilled.

Casing - No Data

Well Tests - No Data

Lithology - No Data

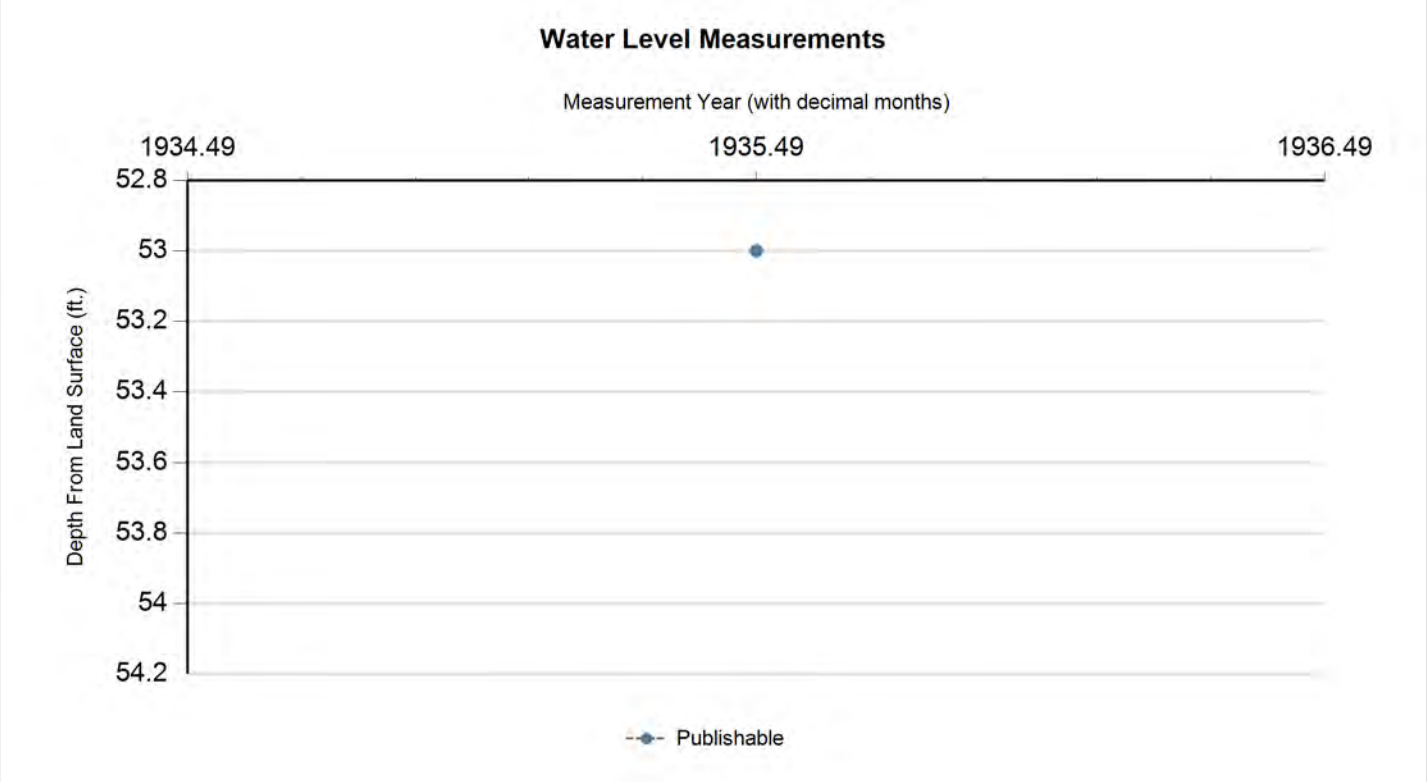
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	5/0/1935		53		7	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

STATE OF TEXAS WELL REPORT for Tracking #197988

Owner:	**Grocers Supply**	Owner Well #:	**No Data**
Address:	**3131 E Holcombe Houston, TX 77021**	Grid #:	**65-13-9**
Well Location:	**3014 Hicks Houston, TX 77007**	Latitude:	**29° 46' 24" N**
		Longitude:	**095° 23' 33" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Industrial**

Drilling Start Date: **10/19/2009** Drilling End Date: **10/21/2009**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**6.5**	**0**	**337**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**313**	**17 Bags Cement**

Seal Method: **Pressure**

Sealed By: **ODCI**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Surface Sleeve Installed**

Water Level: **170 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **BP Seal 306 Ft**

Type of Pump: **Submersible** Pump Depth (ft.): **252**

Well Tests: **Jetted** **Yield: 50 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**24**	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **O'Day Drilling Company, Inc**

5923 CR 931
Rosharon, TX 77583

Driller Name: **Marshall Bannert** License Number: **4111**

Apprentice Name: **Jesus Gutierrez** Apprentice Number: **56774**

Comments: **HGCSD #11189**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**Top Soil**
3	**50**	**Clay**
50	**64**	**Sand**
64	**123**	**Clay**
123	**142**	**Sand**
142	**175**	**Clay**
175	**210**	**Sand**
210	**225**	**Clay**
225	**269**	**Sand**
269	**278**	**Clay**
278	**295**	**Sand**
295	**313**	**Clay**
313	**337**	**Sand**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
4	**New**	**PVC**	**Well Casing 0-313 Ft WW**
2.5	**New**	**PVC**	**Liner Pipe 306-317 Ft Sch 80**
2.5	**New**	**PVC**	**Screen 317-337 Ft .006GA**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 715 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 47 10 Longitude - 95 29 35 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Brown Oil Tools Driller - H. L. Jackson Co.

Address _____ Tenant/Oper. _____
Date Drilled - / /1951 Depth - 163 ft. Source of Depth - Altitude - 71 ft. Source of Alt. -
Aquifer - 112CHCTU CHICOT AQUIFER,UPPER Well Type - W User -

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (
Open Hole (O)
Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data-

WATER LEVELS Date- 04/24/1951 Measurement- -83.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 09/30/2002

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB R178: Reported 35 ft. of screen.

Aquifer - 112CHCTU
Well No. - 65 13 715

1966

LJ-65-13-747

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

1:24000

Record by C.W. BONNET Source of data COMPANY Date 9-24-75 Map HOUSTON HEIGHTS

State TEXAS 48 County (or town) HARRIS LJ

Latitude: 294706 N S deg min sec Longitude: 0952938 degrees min sec Sequential number: 1

Lat-long accuracy: T___ N S, R___ E, Sec___, ___k, ___k, ___k B & M

Local well number: LJ-65-13-747 Other number:

Local use: Owner or name BROWN OIL TOOL CO.

Owner or name: BROWN OIL TOOL Address: HOUSTON

Ownership: (C) County, (F) Fed Gov't, (H) City, (N) Corporation Co, (P) Private, (S) State Agency, (W) Water Dist N

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mnd, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other STANDBY

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Mea, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdrew, (X) Waste, (Z) Destroyed. W

DATA AVAILABLE: Well data ___ Freq. W/L meas.: ___ Field aquifer char. ___

Hyd. lab. data: ___

Qual. water data; type: ___

Freq. sampling: none Pumpage inventory: yes no, period: ___

Aperture cards: ___ yes

Log data: ___

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1806 ft 1806 Meas. tape accuracy

Depth cased (first perf.): ? ft Casing type: ___ Diam. 6 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other

Date Drilled: 3-14-70 970 Pump intake setting: — ft

Driller: BROWN OIL TOOL, HOUSTON (name, address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other S Deep Shallow

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 15 Trans. or meter no.

Descrip. MP ___ ft above below LSD, Alt. MP ___

Alt. LSD: 70 70 Accuracy: (source) TOPO 5'

Water Level — ft above below MP; Ft above below LSD Accuracy:

Date meas: — Yield: ___ gpm Method determined

Drawdown: ___ ft Accuracy: ___ Pumping period ___ hrs

QUALITY OF WATER DATA: Iron ___ ppm Sulfate ___ ppm Chloride ___ ppm Hard. ___ ppm

Sp. Conduct ___ K x 10^6 Temp. ___ °F Date sampled ___

Taste, color, etc.

Well No.

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) **OWNER** JOHN KARBLI (Name) **ADDRESS** 5017 BRINKMAN (Street or RFD) HOUSTON (City) TEXAS (State) 77027 (Zip)

2) **LOCATION OF WELL:** County HARRIS, 9 miles in N (NE, SW, etc.) direction from HOUSTON (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **LEGAL DESCRIPTION:**

Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____

Distance and direction from two intersecting section or survey lines _____

☑ **SEE ATTACHED MAP**

3) **TYPE OF WORK (Check):** ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) **DRILLING METHOD (Check):** ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) **WELL LOG:**

Date Drilling: Started 1-6 1993 Completed 1-8 1993

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
7 1/2	Surface	395
4 1/8	395	414

7) **BOREHOLE COMPLETION:** ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☑ Other 2-STRING

If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	32	TOPSOIL W/YELLOW SHALE
32	50	RED SAND W/SANDSTONE
50	135	RED SHALE
135	160	SAND W/SHALE STRINGERS
160	190	BLUE SHALE
190	221	SAND
221	309	RED SHALE
309	314	ROCK
314	370	RED SHALE
370	414	SAND

(Use reverse side if necessary)

8) **CASING, BLANK PIPE, AND WELL SCREEN DATA:**

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5	N	PVC SDR17	0	374	SCH 40
2 1/2	N	PVC RIBED SCREEN	374	414	SCH 40

9) **CEMENTING DATA** [Rule 287.44(1)]

Cemented from 0 ft. to 374 ft. No. of Sacks Used 28

_____ ft. to _____ ft. No. of Sacks Used _____

Method Used PRESSURE

Cemented by SUGG WATER WELL

RECEIVED SEP 24 1993 TEXAS WATER COMMISSION

13) **TYPE PUMP:** ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____

Depth to pump bowls, cylinder, jet, etc., 315 ft.

14) **WELL TESTS:** Type Test: ☑ Pump ☐ Bailer ☐ Jetted ☐ Estimated

Yield: 45 gpm with 22 ft. drawdown after 2 hrs.

15) **WATER QUALITY:**

Did you knowingly penetrate any strata which contained undesirable constituents? ☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"

Type of water? _____ Depth of strata _____

Was a chemical analysis made? ☐ Yes ☑ No

10) **SURFACE COMPLETION**

☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]

☑ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]

☐ Pitless Adapter Used [Rule 287.44(3)(B)]

☐ Approved Alternative Procedure Used [Rule 287.71]

11) **WATER LEVEL:**

Static level 218 ft. below land surface Date 1-8-93

Artesian flow _____ gpm. Date _____

12) **PACKERS:**

Type	Depth
2 3-RING H	370

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME SUGG WATER WELL DRILLING (Type or print) **WELL DRILLER'S LICENSE NO.** 1006 WPKL

ADDRESS 13501 CHRISMAN #26 (Street or RFD) HOUSTON (City) TEXAS (State) 77039 (Zip)

(Signed) James H. Sugg Jr. (Licensed Well Driller) **(Signed)** _____ (Registered Driller Trainee)

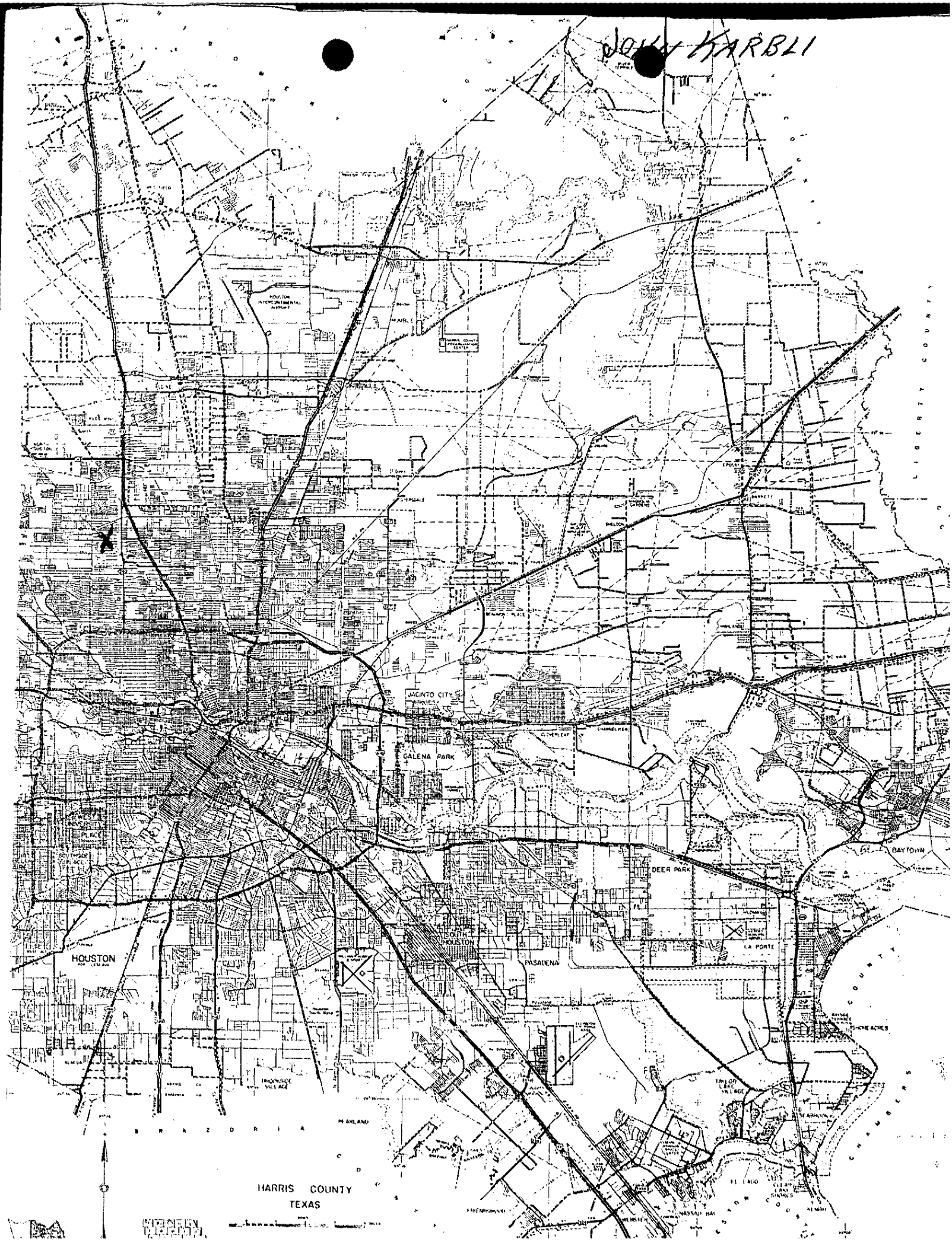
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. _____ Located on map 65113-2

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

JOHN KARBLI


JACINTO CITY
GALENA PARK
DEER PARK
BAYTOWN
HOUSTON
SOUTH HOUSTON
PASADENA
LA PORTE
PEARLAND
HARRIS COUNTY
TEXAS

65-13-6B

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-6B
Located on map yes
Received: 25
dlr

1) OWNER:
Person having well drilled J.D. MILLER. (Name) Address 917 LEHMAN. (Street or RFD) (City) (State)

Landowner SAME (Name) Address HOUSTON. TEX. (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS - , 0 miles in NORTH - HOUSTON. direction from (N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

WELL AT 917. LEHMAN.

NO. SHEPHARDS

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check):
Domestic, Industrial, Municipal, Irrigation, Test Well, Other

5) TYPE OF WELL (Check):
Rotary, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 6½ in. Depth drilled 307 ft. Depth of completed well 307 ft. Date drilled JAN. 29, 75

All measurements made from 1 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	40	CLAY.
40	50	SAND
50	136	CLAY.
136	208	SAND
208	215	CLAY.
215	252	SAND
252	287	CLAY.
287	305	SAND
305	307	CLAY.

(Use reverse side if necessary)

9) Casing:
Type: Old, New, Steel, Plastic, Other
Cemented from 175' ft. to 285' ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	285	
2½"	285	290	
2½"	305 -	307	

10) SCREEN:
Type PLASTIC - RIBBED.
Perforated, Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2½"	290	305	#12

7) COMPLETION (Check):
Straight wall, Gravel packed, Other TWO - STRING.
Under reamed, Open Hole

8) WATER LEVEL:
Static level 200' ft. below land surface Date JAN. 29, 75
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 252' - ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata 18'

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME E.L. BODE (Type or Print) Water Well Drillers Registration No. 46

ADDRESS BOX. 67. WESTFIELD (Street or RFD) TEXAS. (City) (State)

(Signed) E. L. Bode (Water Well Driller) E.L. BODE DRILLING. CO - (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-6

MAI # 0 - [illegible]

Please use black ink.
Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER RAY DHOM. (Name) Address 206 N. HOLLAND (Street or RFD) BELLVILLE (City) TEX. (State) 77418 (Zip)

2) LOCATION OF WELL:
County HARRIS IN miles in NORTH. (N.E., S.W., etc.) direction from HOUSTON. TEX (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines 920 LEHMAN.
☑ See attached map.

3) TYPE OF WORK (Check): ☐ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic (WATER PLANTS) ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled MAR. 12. 86

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 1/2	Surface	358
3 1/8	358	376

From (ft.)	To (ft.)	Description and color of formation material
0	41	CLAY.
41	52	SAND
52	115	CLAY.
115	144	SAND
144	192	CLAY.
192	253	SAND
253	288	CLAY.
288	305	SAND
305	344	ROCK-CLAY- BROKEN
344	376	SAND

(Use reverse side if necessary)

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other TWO - STRING.
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfr., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4"	N	P.V.C.	0	358	40
2 1/2	N	GALVANIZE	358	361	40
2 1/2	N	P.V.C. SCREEN	361	— 376	#14

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 200 ft. to 358 ft.
0 ft. to 250 ft.
Method used PUMP
Cemented by BODE DRILLING CO. INC

10) SURFACE COMPLETION
☑ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 265' ft. below land surface Date MAR. 12. 86
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 325' ft.

RECEIVED
APR 8 1986
TEXAS WATER COMMISSION

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata 32
Was a chemical analysis made? ☐ Yes ☑ No

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME BODE DRILLING CO INC (Type or Print) Water Well Driller's License No. 46

ADDRESS PO BOX. 90067. (Street or RFD) HOUSTON. TEX. (City) 77290 (State) (Zip)

(Signed) C. L. Bode (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only: Well No. 65-13-5 Located on map _____

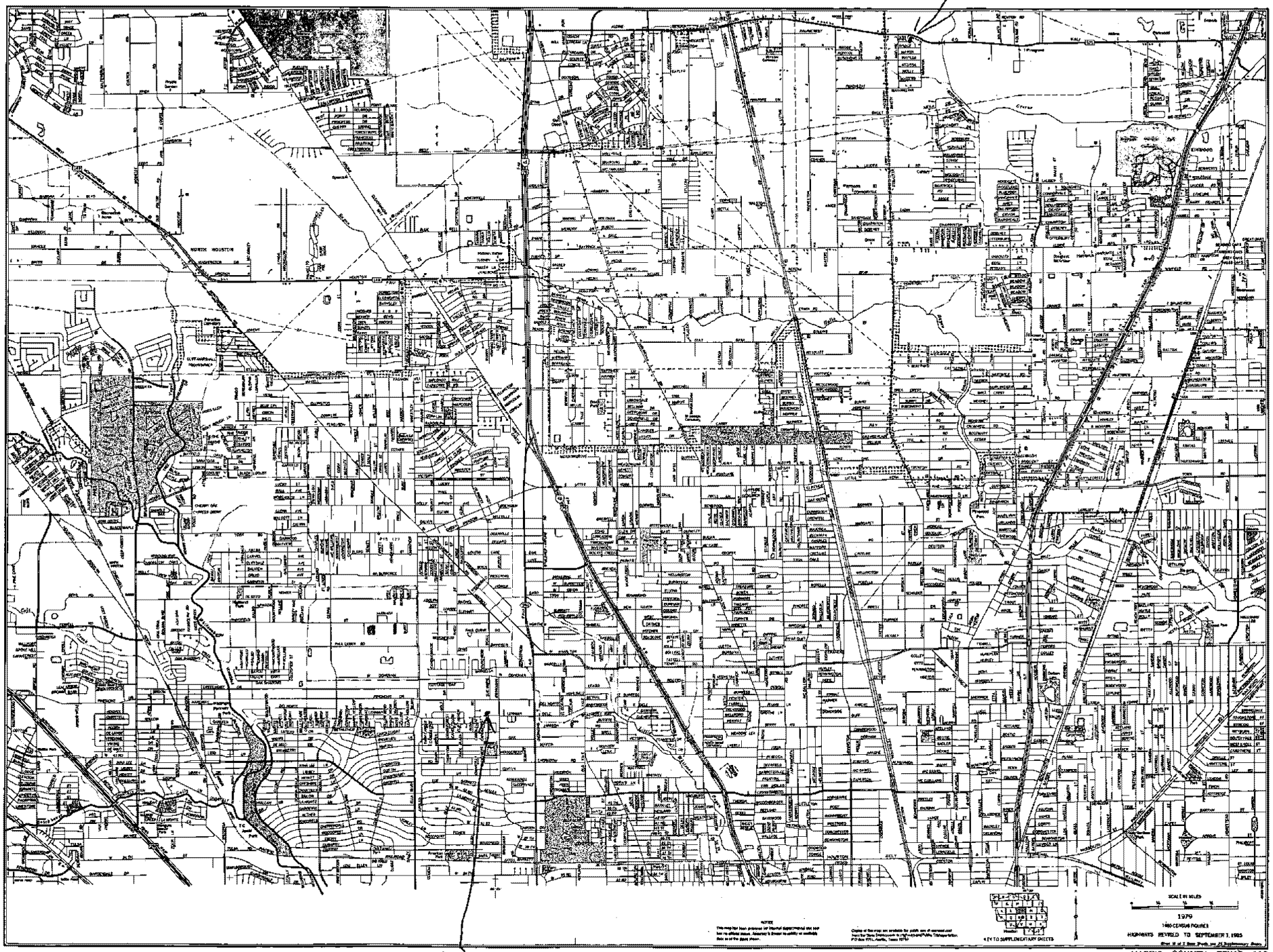
4820111081

TDWR-0302 (12-29-83)

DEPARTMENT OF WATER RESOURCES COPY

MAP # 3

WELL # 1



WELL # 2

WL #73

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-13-1
Located on map YES
Received: RWB

1) OWNER National Flange & Fitting (Name) Address P.O. Box 94149 (Street or RFD) Houston (City) Tx (State) 77018 (Zip)

2) LOCATION OF WELL: 4420 Creekmont (Name)
County Harris 14 miles in N. (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ See attached map. DN 65-21-74

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☑ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 2/2/81

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	397

From (ft.)	To (ft.)	Description and color of formation material
0	36	Top Soil & Clay
36	60	Shale & Fine Sand
60	70	Sand
70	210	Clay
210	240	Sand
240	260	Clay
260	281	Sand
281	300	Clay
300	313	Sand
313	321	Clay
321	351	Sand
351	381	Clay
381	397	Sand

(Use reverse side if necessary)

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Galvanized Steel	0	336	
2 1/2	N	Plastic	341	351	.020
2 1/2	N	Plastic	387	397	.014

CEMENTING DATA
Cemented from 286 ft. to 336 ft.
Method used Haliburton
Cemented by Bussell & Son, Inc. (Company or Individual)

9) WATER LEVEL:
Static level 234 ft. below land surface Date 2/3/81
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 294 ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 38 gpm with 40 ft. drawdown after 1 hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

RECEIVED
AUG 24 1982
CR/TDWR

NAME Craig O Bussell (Type or Print) Water Well Drillers Registration No. #2035

ADDRESS 9739 N. Houston Rosslyn Rd. (Street or RFD) Houston (City) TX. (State) 77088 (Zip)

(Signed) Craig Bussell (Water Well Driller) Bussell & Son, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

2J

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT #3

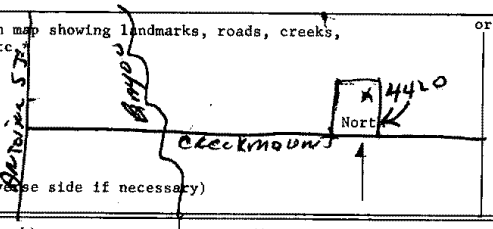
For TWDB use only
Well No. 65-13-2J
Located on map yes
Received: 7-31
dlr

1) OWNER:
Person having well drilled National Flange & Fitting Co (Name) Address P.O. Box 94149 (Street or RFD) Hou (City) Tex 77018 (State)

Landowner SAME (Name) Address SAME (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS, 8 miles in N.W. (N.E., S.W., etc.) direction from Houston (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*



(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check): Domestic, Industrial, Municipal, Irrigation, Test Well, Other

5) TYPE OF WELL (Check): Rotary, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 6 1/2 in. Depth drilled 341 ft. Depth of completed well 341 ft. Date drilled 5/14/73
All measurements made from 4' ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil
3 -	220	Unconsolidated
326 -	241	Sand

(Use reverse side if necessary)

9) Casing:
Type: Old, New, Steel, Plastic, Other
Cemented from 244 ft. to 316 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4	0	316	30
2	316	325	40

10) SCREEN:
Type SSR
Perforated, Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2	325	341	14ga

7) COMPLETION (Check): Straight wall, Gravel packed, Other, Under reamed, Open Hole

8) WATER LEVEL:
Static level 202 ft. below land surface Date 5/15/73
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 316 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy C. Russell (Type or Print) Water Well Drillers Registration No. 707

ADDRESS 9735 North Houston Rosslyn Rd. (Street or RFD) Houston (City) Texas (State) Tex

(Signed) Tommy C. Russell (Water Well Driller) Russell & Sons Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

(18)

Send original copy by certified mail to: **Texas Water Commission, P.O. Box 13087, Austin, Texas 78711** — *Please use black ink*

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER Dennis Wright & Assoc. (Name) ADDRESS _____ (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: Cherry Chase County Harris _____ miles in _____ (NE, SW, etc.) direction from _____ (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:

Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____

Distance and direction from two intersecting section or survey lines _____

☐ SEE ATTACHED MAP

M65-05-9

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG: Date Drilling: Started 4-23 1990 Completed 4-26 1990

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
7 7/8	Surface	391
4 3/4	391	405

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____

If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	-391	Unconsolidated
391	- 405	Sand

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5	N	SDR 17	0	391	
3	N	Galv.	385	395	
3	N	PVC	395	405	.020

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used _____
341 ft. to 391 ft. No. of Sacks Used _____
Method used Halliburton
Cemented by Russell & Son Inc.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL: Static level 242 ft. below land surface Date 4-26-90
Artesian flow _____ gpm. Date _____

12) PACKERS: Type: K-Packer Depth: 355

13) TYPE PUMP: ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS: Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did the drilling penetrate any strata which contained undesirable constituents? ☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

RECEIVED AUG 7 1990 TEXAS WATER COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Russell & Son Inc (Type or print) WELL DRILLER'S LICENSE NO. 2035

ADDRESS P.O. Box 874 (Street or RFD) Tomball (City) TX (State) 77375 (Zip)

(Signed) Craig Russell (Licensed Well Driller) (Signed) David L. Young (Registered Driller Trainee)

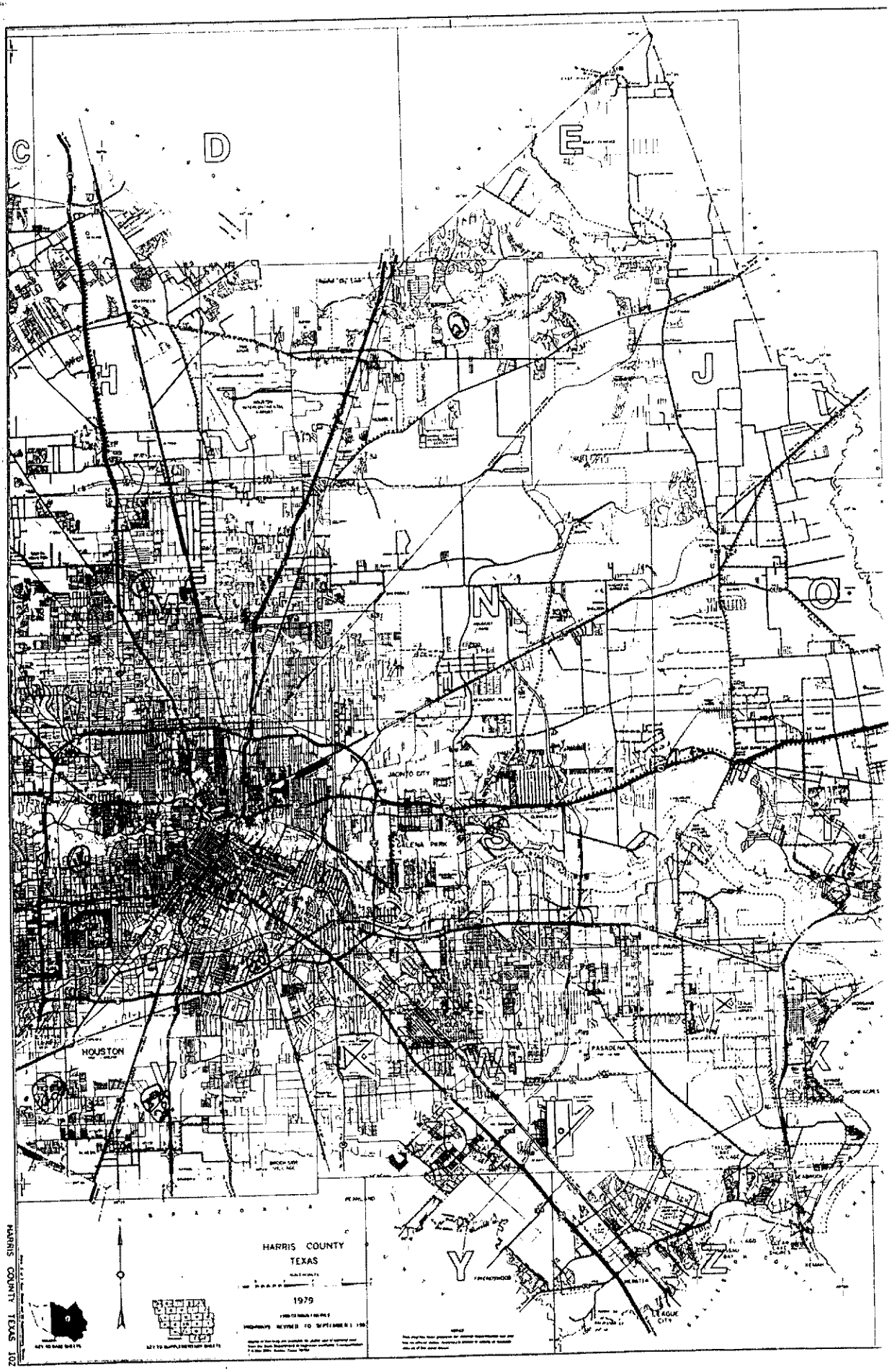
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 65-13-8 Located on map _____

WWD-012 (Rev. 09/21/88)

TEXAS WATER COMMISSION COPY

4820107609


HARRIS COUNTY
TEXAS
1979
HOUSTON
JACINTO CITY
PASADENA
LEAGUE CITY
C
D
E
H
J
N
O
V
X
Y
Z

STATE OF TEXAS WELL REPORT for Tracking #385302

Owner:	**Bill Pritchard**	Owner Well #:	**4305**
Address:	**3401 Sleepy Hollow Ct Houston, TX 77019**	Grid #:	**65-21-2**
Well Location:	**3401 Sleepy Hollow Ct Houston, TX 77019**	Latitude:	**29° 44' 52" N**
		Longitude:	**095° 25' 58" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Irrigation**

Drilling Start Date: **12/8/2014** Drilling End Date: **12/12/2014**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8**	**0**	**370**
	4.5	**370**	**400**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **two-string/k-packer**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**370**	**85**

Seal Method: **pressure-haliburton**

Sealed By: **AWWS**

Distance to Property Line (ft.): **50+**

Distance to Septic Field or other concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **owner**

Surface Completion: **Pitless Adapter Used**

Water Level: **178 ft.** below land surface on **2014-12-12** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **Submersible** Pump Depth (ft.): **315**

Well Tests: **Jetted** **Yield: 150 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**400**	**Not tested**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Almeda Water Well Service**

PO Box 266
Manvel, TX 77578

Driller Name: **Mike Pyburn** License Number: **2843**

Comments: **^LA**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

From (ft)	To (ft)	Description
0	**3**	**soil**
3	**12**	**clay-gray**
12	**75**	**sand-tan-.006-.008**
75	**235**	**clay-gray**
235	**244**	**sand-tan-.006-.008**
244	**293**	**clay-gray**
293	**306**	**sand-tan-.006-.008**
306	**315**	**clay-red**
365	**400**	**sand-tan-.006-.008 sand-tan-.010-.012**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5	**N**	**PVC SDR 17**	**0 370 casing**
3	**N**	**PVC Sch 40**	**360 370 liner**
3	**N**	**PVC slotted**	**370 380 .006**
3	**N**	**PVC slotted**	**380 400 .006**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

DUP

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-13-4W
Located on map YES
Received: RWB

1) OWNER J.C. Freeman (Name) Address 9120 Winfern Houston Tx 77092 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris approx 3 miles in E (N.E., S.W., etc.) direction from Jersey Village (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ See attached map. ON 65-04-100

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 1-4-82

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface 0	228

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other 2 String
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	26	Top soil & clay
44	60	Limestone & Formation
60	108	Sand
108	112	Clay
112	124	Sand
124	214	Clay
214	228	Sand

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mat., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	P Well Casing	0	218	
2 1/2	N	Slotted Screen	218	228	12

CEMENTING DATA
Cemented from 0 ft. to 218 ft.
Method used Pressure
Cemented by O.R. Billings (Company or Individual)

9) WATER LEVEL:
Static level 150 ft. below land surface Date 1-5-82
Artesian flow _____ gpm. Date _____

10) PACKERS: Type K Packer Depth 216

11) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 200 ft.

12) WELL TESTS: None
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

RECEIVED
MAY 26 1982
DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

4820111373

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME O.R. BILLINGS (Type or Print) Water Well Drillers Registration No. 1929

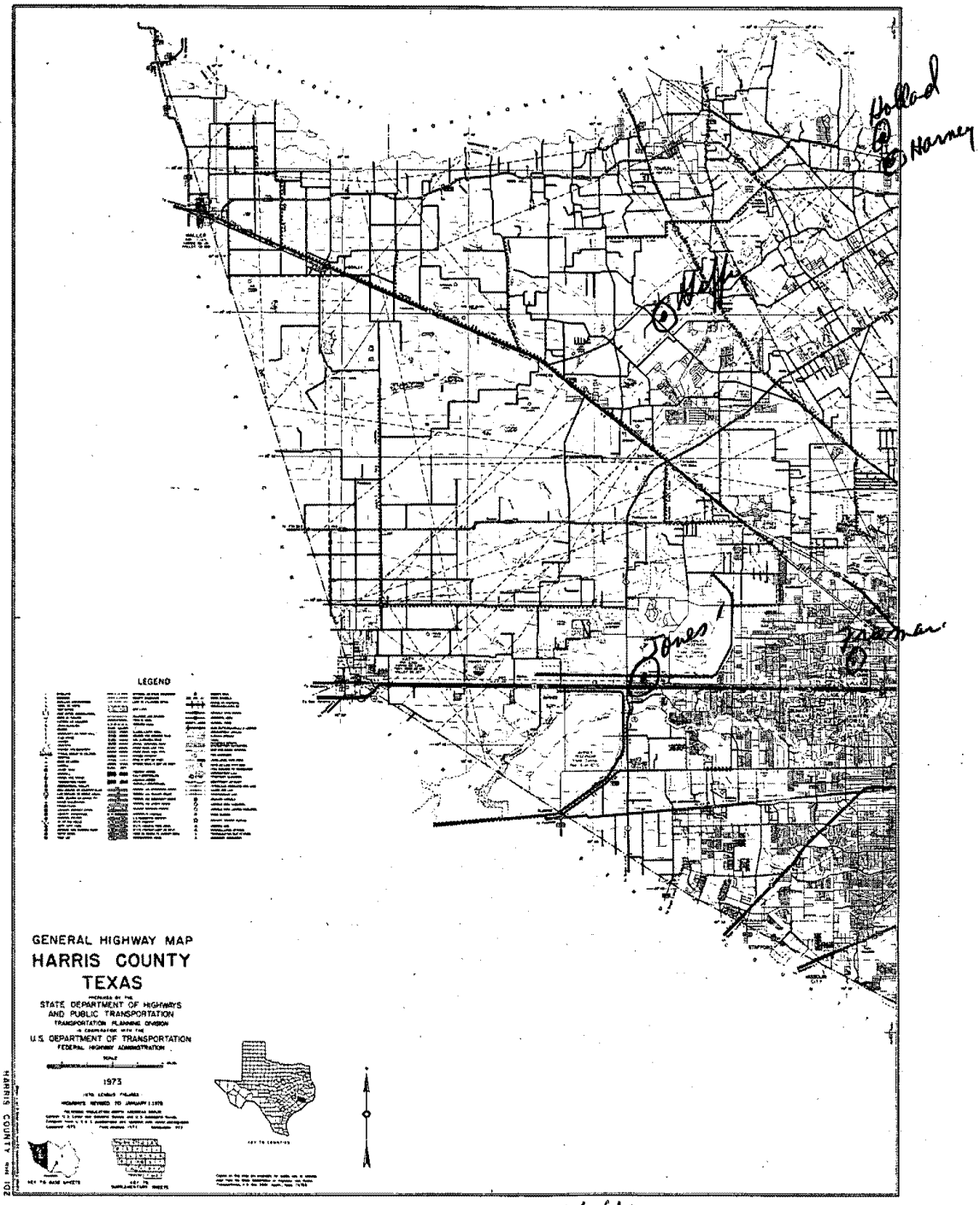
ADDRESS 25330 Richard Rd (Street or RFD) Spring (City) Tx (State) 77373 (Zip)

(Signed) O.R. Billings (Water Well Driller) Allweather W.W. Inc (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR 0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY



RECEIVED
MAY 26 1982
DEPT. OF
WATER RESOURCES

Giffin
Jones
Holland
Harney
Freeman

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 121 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 50 27 Longitude - 95 27 47 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Helen Plaag Driller - Long Point Water Well Service

Address _____ Tenant/Oper. _____
Date Drilled - / /1970 Depth - 46 ft. Source of Depth - Altitude - 82 ft. Source of Alt. -
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User -

WELL CONSTRUCTION Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) Setting(feet) From To

LIFT DATA - Pump Mfr. _____ Type - JET PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- DOMESTIC Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data-

WATER LEVELS Date- 02/26/1970 Measurement- -25.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 09/30/2002

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB R178

10/06/2021
03:10:54

Texas Commission on Environmental Quality
DWW Water System Summary Sheet

PWS ID	PWS Name	Central Registry RN
TX1010148	MEMORIAL VILLAGES WATER AUTHORITY	RN102687050

Organization/Customer *	Central Registry CN
MEMORIAL VILLAGES WATER AUTHORITY	CN601359607

*Regulatory mail will be addressed to this organization/person

All Water System Contacts

Type	Contact	Communication	
AC - Administrative Contact - PRESIDENT	SCHENK, GARY 8955 GAYLORD DR HOUSTON, TX 77024-2903	**Phone Type**	**Value**
		BUS - Business	713-465-8318
EC - Emergency Contact - MANAGER	CANTU, TREY 8955 GAYLORD DR HOUSTON, TX 77024-2903	**Phone Type**	**Value**
		BUS - Business	713-465-8318
		MOB - Mobile	956-451-2480
ECS - Emergency Contact - Secondary - FIELD FOREMAN	LEVANDOWSKI, LEON 8955 GAYLORD DR HOUSTON, TX 77024-2903	**Electronic Type**	**Value**
		Phone Type	**Value**
		BUS - Business	713-465-8318
		MOB - Mobile	713-582-6807
OW - Owner	MEMORIAL VILLAGES WATER AUTHORITY 8955 GAYLORD DR HOUSTON, TX 77024-2903		
PWS - Public Water System Contact - MANAGER	CANTU, TREY 8955 GAYLORD DR HOUSTON, TX 77024-2903	**Phone Type**	**Value**
		BUS - Business	713-465-8318
		MOB - Mobile	956-451-2480

Operator Grade	Number
GROUND WATER TREATMENT OPERATOR Grade B	3
GROUND WATER TREATMENT OPERATOR Grade C	3
WATER OPERATOR Grade A	1

Water Operator Licenses

License Holder:	CANTU, TRINIDAD III	
CURRENT	Class: A - WATER OPERATOR	WO0034699
License Holder:	SIMIEN, CHRISTOPHER M	
CURRENT	Class: B - GROUND WATER TREATMENT OPERATOR	WG0018253
License Holder:	CULVER, RICHARD M	
CURRENT	Class: B - GROUND WATER TREATMENT OPERATOR	WG0000185
License Holder:	MARTINEZ, NOE JR	

CURRENT	Class: B - GROUND WATER TREATMENT OPERATOR	WG0005731
License Holder:	TORRES, PETE JR	
CURRENT	Class: C - GROUND WATER TREATMENT OPERATOR	WG0009644
License Holder:	GALBRAITH, ROBERT SCOT	
CURRENT	Class: C - GROUND WATER TREATMENT OPERATOR	WG0005168
License Holder:	MORGAN, NELSON B	
CURRENT	Class: C - GROUND WATER TREATMENT OPERATOR	WG0017228
License Holder:	SALAZAR, BOBBY SR	
EXPIRED	Class: D - WATER OPERATOR	WO0039663

Owner Type	Owner Type Options: COUNTY, DISTRICT, FEDERAL GOVERNMENT, INVESTOR OWNED, MUNICIPALITY, NATIVE AMERICAN, PRIVATE, STATE GOVERNMENT, WATER SUPPLY CORPORATION
District	

System Type	System Type Options: COMMUNITY, TRANSIENT/NON-COMMUNITY, NON-PUBLIC, NON-TRANSIENT/NON-COMMUNITY
C - Community	

Population Type	Population Served	# of Connect	# I/C w/other PWS
Residential	9882	3776	0

Total Product (MGD)	Average Daily Consump.	Max Daily Demand (MGD)	Total Storage (MG)	Elev. Storage (MG)	Service Pump Cap.	Max.Purchase Cap. (MGD/GPM)	Pressure Tank Cap. (MG)

Activity Status	Inactivation Date
A - ACTIVE	

Last Survey Date	Surveyor	Survey Type	Region	County
07/18/2019	DAWN OLIVO	Sanitary Survey	HOUSTON	HARRIS
07/16/2015	VALERIE BURKETT	Sanitary Survey	HOUSTON	HARRIS
07/16/2015	RENEA, M ALLEN	Sanitary Survey	HOUSTON	HARRIS

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point

EP001	TRT-TAP / Purchased Surface Water(A)	PLANT - 936A ECHO LN(A)	TP20880		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010148C	6 - 936A ECHO LN (A)	P	G	1232	2200 GPM	2400 GPM

Drill Date		Source Summary		
01/19/1995		EVANGELINE		
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.782515	-95.519608	80	11/17/2003	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP002	TRT-TAP / Purchased Surface Water(A)	PLANT - CLAYMORE(A)	TP20881		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010148E	5 - 11139 CLAYMORE (A)	P	G	1610	1500 GPM	2100 GPM

Drill Date		Source Summary		
01/01/1913		EVANGELINE		
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.766237	-95.510658	72	11/17/2003	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP001	TRT-TAP / Purchased Surface Water(A)	PLANT - 8955 GAYLORD DR(A)	TP20882		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
P1010148A	SW FROM CITY OF HOUSTON (A)	P	P	N/A	N/A	N/A

Drill Date		Source Summary		
None Available				
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.781209	-95.509567	0	06/22/2020	TX1010013

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP001	TRT-TAP / Purchased Surface Water(A)	PLANT - 8955 GAYLORD(A)	TP5382		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010148A	1 - 8955 GAYLORD (A)	P	G	1555	1300 GPM	1500 GPM

Drill Date		Source Summary		
01/01/1913		EVANGELINE		
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.781261	-95.509895	75	11/17/2003	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP002	TRT-TAP / Purchased Surface Water(A)	PLANT - 435 PINEY POINT(A)	TP5385		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010148D	3 - 435 PINEY PT (A)	P	G	1460	1550 GPM	1600 GPM

Drill Date		Source Summary		
02/10/1984		EVANGELINE		
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.763786	-95.518723	76	11/17/2003	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
P1010148C	SW FROM CITY OF HOUSTON (A)	P	P	N/A	N/A	N/A

Drill Date	Source Summary
None Available	

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.763774	-95.518849	0	06/22/2020	TX1010013

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP003	TRT-TAP / Purchased Surface Water(A)	PLANT - 741 W CREEKSIDE(A)	TP5387		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	403	GASEOUS CHLORINATION, PRE
null	null	F	680	SEQUESTRATION

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010148F	4 - 741 W CREEKSIDE (A)	P	G	1506	1150 GPM	1500 GPM

Drill Date	Source Summary
01/01/1913	EVANGELINE

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.777765	-95.491333	70	11/17/2003	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
P1010148B	SW FROM CITY OF HOUSTON (A)	P	P	N/A	N/A	N/A

Drill Date	Source Summary
None Available	

GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.777594	-95.491187	0	06/22/2020	TX1010013

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

Code Explanations
Monitoring Type Codes: (GW) GROUNDWATER , (GUP) GROUNDWATER UNDER THE INFLUENCE - PURCHASED , (SWP) SURFACE WATER - PURCHASED , (GU) GROUNDWATER UNDER THE INFLUENCE OF SURFACE WATER , (N) NO SOURCES , (SW) SURFACE WATER
Activity Status Codes: (A) ACTIVE , (D) DELETED/DISSOLVED , (I) INACTIVE , (P) PROPOSED ,
Operational Status Codes: (E) EMERGENCY , (I) INTERIM/PEAK (O) OTHER , (P) PERMANENT , (S) SEASONAL
Source Types: (G) GROUND WATER , (S) SURFACE WATER , (U) GROUND WATER UNDER THE INFLUENCE

- End of Report -

At the time of your query this data was the most current information available from our database, which is in real time. Every effort was made to retrieve it according to your query. Thank-you for using DWW.

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 718 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 37 Longitude - 95 29 30 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - E. G. Pearson Driller - M. R. Pretty

Address _____ Tenant/Oper. _____
Date Drilled - / /1939 Depth - 356 ft. Source of Depth - Altitude - [illegible] ft. Source of Alt. -
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User -

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (
Open Hole (O)
Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To

LIFT DATA - Pump Mfr. _____ Type - JET PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- DOMESTIC Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data-

WATER LEVELS Date- 09/00/1939 Measurement- -33.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 09/30/2002

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB R178: Screen from 320 to
335 ft.

Aquifer - 112CHCT
Well No. - 65 13 718

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-709

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513709
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.778889
Latitude (degrees minutes seconds)	29° 46' 44" N
Longitude (decimal degrees)	-95.492222
Longitude (degrees minutes seconds)	095° 29' 32" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	67
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	178
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1951
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Jet
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	T. C. Rhodes
Driller	H. L. Jackson Co.
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178: Screen from 168 to 178 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

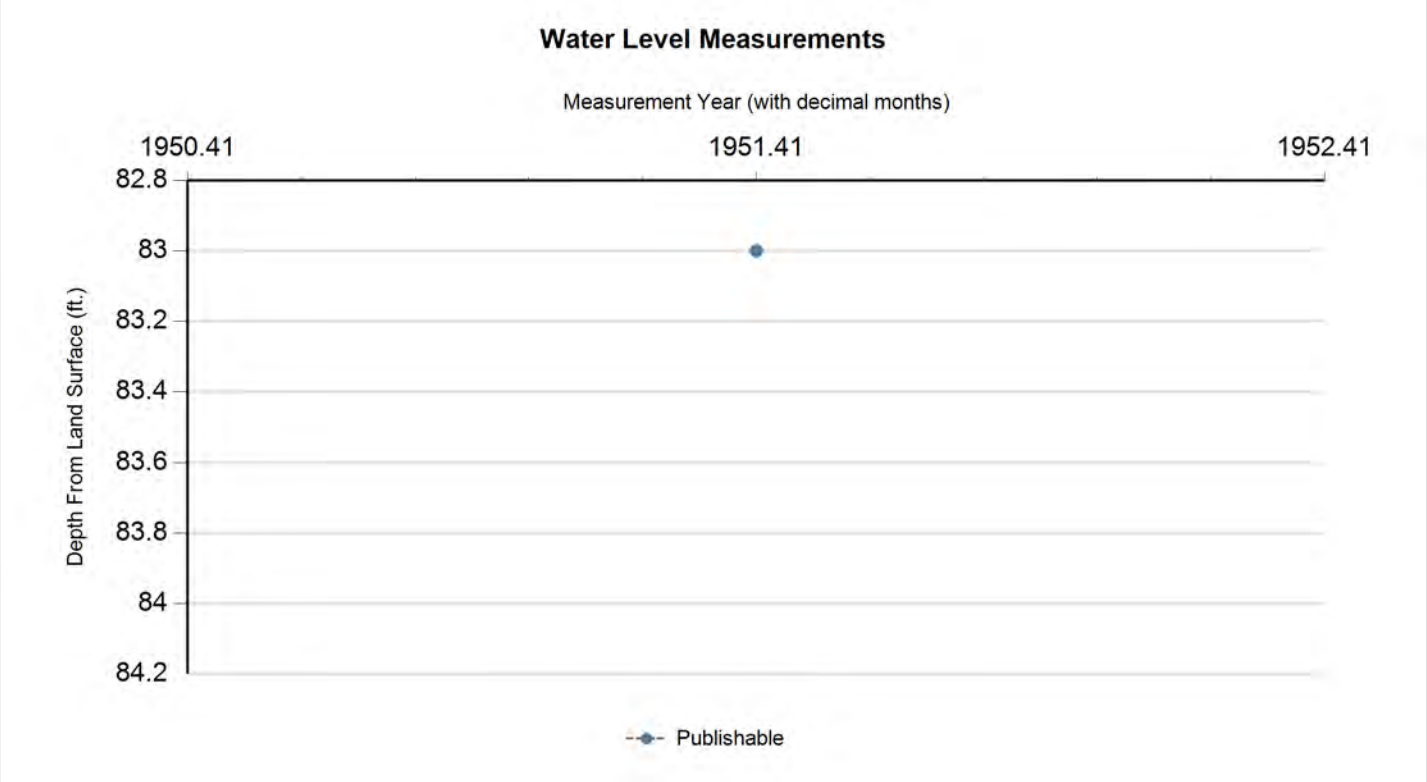
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	5/29/1951		83		-16	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

STATE OF TEXAS WELL REPORT for Tracking #204702

Owner:	**Leslie Cooper**	Owner Well #:	**Well Log #03552**
Address:	**827 Kuhlman Houston, TX 77042**	Grid #:	**65-13-7**
Well Location:	**827 Kuhlman Houston, TX 77042**	Latitude:	**29° 46' 45" N**
		Longitude:	**095° 29' 35" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Irrigation**

Drilling Start Date: **1/26/2009** Drilling End Date: **1/29/2009**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**7**	**0**	**400**
	4.5	**400**	**421**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Two String / K-Packer**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**400**	**70**

Seal Method: **Pressure - Halliburton**

Sealed By: **AWWS**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **50+**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Owner**

Surface Completion: **Surface Slab Installed**

Water Level: **193 ft.** below land surface on **2009-01-29** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **Submersible** Pump Depth (ft.): **294**

Well Tests: **Jetted** **Yield: 60 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**421**	**Not Tested**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Almeda Water Well Service**

P.O. Box 266
Manvel, TX 77578

Driller Name: **Mike Pyburn** License Number: **2843**

Apprentice Name: **Gonzalo Cortez**

Comments: **$mew**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**Soil**
3	**18**	**Clay-Gray Clay-Red**
18	**42**	**Sand-Tan-.006-.008**
42	**140**	**Clay-Red**
140	**204**	**Sand-Tan-Fine Sand-Tan-.006 -.008**
204	**234**	**Clay-Red**
234	**252**	**Sand-Tan-.006-.008**
252	**371**	**Clay-Red**
371	**421**	**Sand-Tan-.006-.008**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
4	**New**	**PVC SCH 40**	**0 - 400 Casing**
2.5	**New**	**PVC SCH 40**	**390 - 401 Liner**
2.5	**New**	**PVC - Slotted**	**401 - 411 .006**
2.5	**New**	**PVC - Slotted**	**411 - 421 .008**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

No. 51

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-13-7F
Located on map
Received:

1) OWNER Houston Country Club c/o L W Dubose Jr (Name) Address PO Box 27184 (Street or RFD) Houston (City) Tex (State) 77027 (Zip)

2) LOCATION OF WELL:
County Harris miles in (N.E., S.W., etc.) direction from (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. Block No. Township
Abstract No. Survey Name
Distance and direction from two intersecting section or survey lines

☒ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☒ Public Supply ☒ Irrigation ☐ Test Well ☐ Other

5) DRILLING METHOD (Check): ☐ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other

6) WELL LOG: Well #2
Date drilled 10/13/70

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
24	Surface	645
30	645	1197 TD

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☒ Underreamed ☒ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 645 ft. to 1197 TD ft.

From (ft.)	To (ft.)	Description and color of formation material
See attached Well log		
Chemical Analysis		
E-log		

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfr., if commercial	Setting (ft.) From	To	Gage Casing Screen
20	N	Steel casing	+2	645	
14	N	Steel blank liner	595	655	
14	N	SSWW Barday Screen	655	735	040
10	N	Steel blank liner	736	955	.
10	N	SSWW Barday Screen	955	975	040
"		"	995	1045	"
"		"	1025	1045	"
"		"	1055	1090	"
"	"		1105	1130	"
"	"		1165	1185	"

CEMENTING DATA
Cemented from Surface ft. to 645 ft.
Method used Halliburton
Cemented by Dowell (Company or Individual)

9) WATER LEVEL:
Static level 385 ft. below land surface Date 12/9/70
Artesian flow gpm. Date

10) PACKERS: Type Depth
None

11) TYPE PUMP: (Test)
☒ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., 547 ft.

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No Surface water cut off
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Depth of strata
Was a chemical analysis made? ☒ Yes ☐ No

12) WELL TESTS:
☒ Type Test: ☒ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 1200 gpm with 40 ft. drawdown after 24 hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Leland Lawson (Type or Print) Water Well Drillers Registration No. 28

ADDRESS PO Box 9469 (Street or RFD) Houston (City) Texas (State) 77011 (Zip)

(Signed) Leland Lawson (Water Well Driller) Layne Texas Co (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79) DEPARTMENT OF WATER RESOURCES COPY

482 01075 4 5

C. 13

REPORT NO.
S. O. 1102-9766
PAGE 1 of 1
FILE NO. 3999
DATE 10/13/80

,YNE TEXAS COMPAN

HOUSTON -:- DALLAS

WELL LOG

CUSTOMER LOCATION	WELL DATA
FOR Houston Country Club	NAME WELL WELL NO. 2
LOCATION WELL Woodway & Potomac Sts.	ELEVATION DATUM
SURVEY FIELD	RT C GR
COUNTY Harris STATE Texas	TEST HOLE SIZE 9 7/8" TO 1504'
OTHER LAND MARKS	DATE STARTED DRILLING 10/7/80
	DATE FINISHED DRILLING 10/13/80
	DRILLER R.Q. Pipes RIG NO. 2
	TYPE MUD Gel NO. SACKS
	ELECTRIC LOG Yes TYPE G.O.
	SURVEY Eastman TYPE Single Shot
	OTHER Prather

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
0		Surface			
6'	6'	Top Soil			
31	25'	Clay			
59'	28'	Sandy Clay			
91'	32'	Clay			
99'	8'	Sand			
146'	47'	Clay			
172'	26'	Sand			
220'	48'	Sand with Lime Stks.			
225'	5'	Lime			
238'	13'	Sand			
243'	5'	Sticky Lime			
293'	50'	Sand with Lime Stks.			
303'	10'	Blue & Red Shale			
339'	36'	Sand with Lime & Shale Stks.			
353'	14'	Lime with Red Shale with little sand			
358'	5'	Sand			
373'	15'	Lime with Red Shale & Sand			
418'	45'	Sand with little Red Shale			
424'	6'	Shale, red			
457'	33'	Sand with Shale Stks.			
643'	186'	Sand with Lime Stks.			
724'	81'	Sand with Red Shale w/Lime Stks.			
744'	20'	Sand with Lime Stks.			
782'	38'	Lime with Sand Stks.			
795'	13'	Sand			
826'	31'	Grey & Blue Shale w/Sand Stks.			
850'	24'	Harder Red & Blue Shale			
913'	63'	Hard Shale			
952'	39'	Sticky Brown & Grey Shale			
989'	37'	Sandy Grey & Blue Shale			
1022'	33'	Sand w/Lime & Grey Shale			
1081'	59'	Grey Shale w/Sand Stks.			
1243'	162'	Sand & Shale			
1262'	19'	Shale			
1295'	33'	Shale w/Sand Stks.			
1356'	61'	Shale			
1470'	114'	Shale w/Sand			
1491'	21'	Sand w/Shale Stks.			
1504'	13'	Shale			

EDNA WOOD LABORATORI INC.
WATER TECHNOLOGISTS . . CHEMISTS . . MICROBIOLOGISTS

17 December 1980

To: Layne Texas Company
P. O. Box 9469
Houston, Texas 77011

SO #1102-9766

Sample marked: Well No. 2, Houston Country Club, Harris County, Texas - Sample No. 1 Taken: 12-11-80 after 23 1/2 hrs. pumping at 1,200 gpm. 10 min. static head: 390.41'. Pumping level: 425.21'. Screened: 1185' - 655' Complete

Received: 12-12-80

WATER ANALYSIS
results in parts per million (mg/l) except as noted

Dissolved Residue at 350°C		266	Conductance, micromhos/cm, 25°C	464
Total Dissolved Solids, actual†		384	Color, units	0
Total Dissolved Solids, calc.		388	Turbidity, units	0.1
Silica	SiO_2	20	As Calcium Carbonate, $CaCO_3$:	
Calcium	Ca	37	Phenolphthalein Alkalinity	0
Magnesium	Mg	8	Total Alkalinity	190
Sodium (diff.) Na + K as	Na	53	Total Hardness	127
Carbonate	CO_3	0	Free Carbon Dioxide CO_2	8
Bicarbonate	HCO_3	232	pH . . . 7.67	
Sulfate	SO_4	9	HYPOTHETICAL COMBINATIONS	
Chloride	Cl	29	Calcium Bicarbonate	150
			Magnesium Bicarbonate	50
Total Fluoride	F	0.3	Sodium Bicarbonate	106
			Sodium Sulfate	13
Total Nitrate	NO_3	< 0.1	Sodium Chloride	48
			Sodium Fluoride	1
Total Manganese	Mn	< 0.05	Silica	20
Total Iron	Fe	< 0.05	Total Dissolved Solids, Calc.	388
Iron, filtered sample	Fe	-		

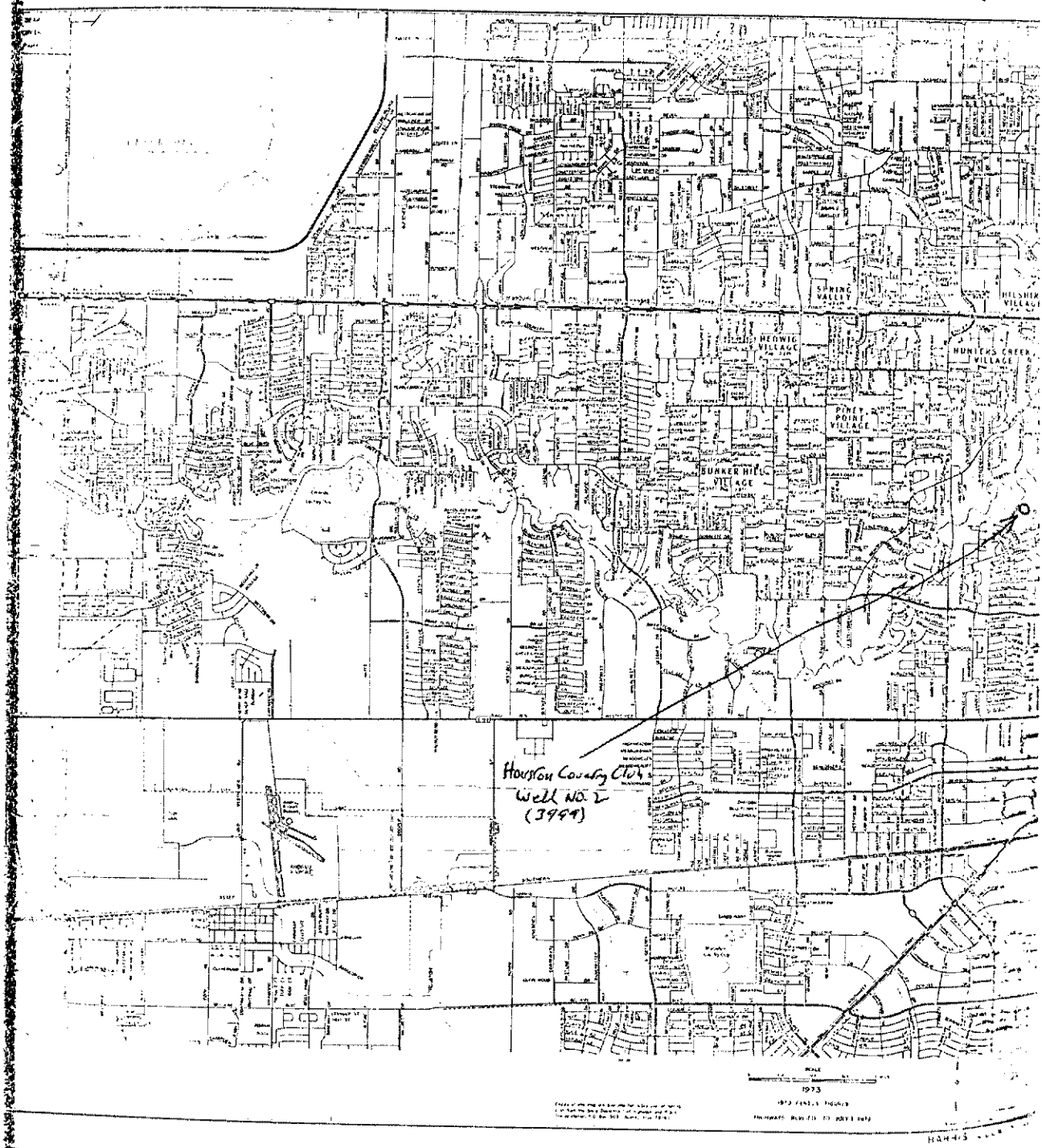
†Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO_3) ion

9112
pcn

EDNA WOOD LABORATORIES, INC.

By: Alice Perry
Alice Perry, Supervising Chemist

Tel: (713) 747-7271 • P. O. BOX 14171 • 4820 OLD SPANISH TRAIL • HOUSTON, TEXAS 77021


HEDWIG VILLAGE
PINEY POINT VILLAGE
BUNKER HILL VILLAGE
HUNTERS CREEK VILLAGE
Houston County Club
Well No. 2
(3999)
1973

STATE OF TEXAS WATER WELL REPORT Km492N

1) Owner: TIM VALE VAIL Address: 3745 DEL MONTE City: HOUSTON State: TX ZIP: 77019
2) LOCATION OF WELL:
County: HARRIS 4.5 miles in W direction from HOUSTON

LEGAL DESCRIPTION:
Section No.: H229 Block No.: SW Township: HOUSTON
Abstract No.: DEL MONTE Survey Name:
Distance and direction from two intersecting section or survey lines: SAN FELIPE & WESLAYAN

H-2

3) TYPE OF WORK: NEW WELL
4) PROPOSED USE: DOMESTIC
5) DRILLING METHOD: MUD ROTARY

065-20-5

6) WELL LOG:

DIAMETER OF HOLE		
DIAMETER	FROM	TO
6.5	0	397

7) BOREHOLE METHOD: STRAIGHT WALL
IF GRAVEL... FROM FT TO FT

Date Drilled: 08/09/88

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	TOP SOIL
3	11	CLAY
11	26	SAND
26	41	CLAY
41	73	SAND
73	84	CLAY
84	113	SAND
113	125	CLAY
125	132	SAND
132	171	CLAY
171	183	SAND
183	224	CLAY
224	246	SAND
246	310	CLAY
310	328	SAND
328	350	CLAY
350	397	SAND

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING	GAGE SCREEN
4	N	PVC CASING	0	360		40
2.5	N	PVC LINER PIPE	347	367		80
2.5	N	EVERFLO SCREEN	367	397		12

9) CEMENTING DATA:
Cemented from 360 FT. TO 0 FT.
FT. TO FT.
Method used: PRESSURE
Cemented by: DDCI

10) SURFACE COMPLETION:
OTHER

11) WATER LEVEL:
STATIC LEVEL : 250 FT. DATE 08/09/88
ARTESIAN FLOW: GPM. DATE / /

12) PACKERS:

TYPE	DEPTH
LEAD SEAL	347

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 315

14) WELL TEST:
JETTED
YIELD: 50 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD WATER DEPTH OF STRATA: 47
NO STRATA OF UNDESIRABLE WATER PENETRATED

NO CHEMICAL ANALYSIS MADE

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877
ADDRESS: P. O. BOX 162 . CITY: PEARLAND STATE: TX ZIP CODE: 77588

(signed) Michael O'Day (signed)

RECEIVED
MAY 5 1989
Texas Water Commission

4820107560

65-13-7

STATE OF TEXAS WATER WELL REPORT

1) OWNER: SMITH, ALBERT ADDRESS: 3335 DELMONTE CITY: HOUSTON STATE: TX ZIP:
2) LOCATION OF WELL: County: HARRIS miles in direction from HOU. RIVER OAKS

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: DOMESTIC 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 01113

DIAMETER OF HOLE

DIAMETER	FROM	TO
6.5	0	408

7) BOREHOLE METHOD:
OPEN HOLE
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 10/26/90

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	2	TOP SOIL
2	34	BROWN CLAY
34	42	WHITE CLAY
42	60	SAND & CLAY
60	102	BROWN CLAY
102	122	BLUE CLAY
122	162	BROWN CLAY
162	194	SAND
194	225	BROWN CLAY
225	248	SAND
248	262	BLUE CLAY
262	274	BROWN CLAY
274	305	SAND
305	375	BROWN CLAY
375	408	SAND

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
4	N	PVC	1.5	386	40
2.5	N	STAINLESS STEEL	387	407	#20

9) CEMENTING DATA:
Cemented from 386 FT. TO 286 FT.
15 FT. TO 0 FT.
Method used: PRESSURE
Cemented by: RAYMOND MC PIKE

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 250 FT. DATE: 10/26/90
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE B-P SEAL DEPTH 379

RECEIVED
JUN 25 1991
TEXAS WATER COMMISSION

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 336

14) WELL TEST:
ESTIMATED
YIELD: GPM WITH FT DRAWDOWN AFTER HRS

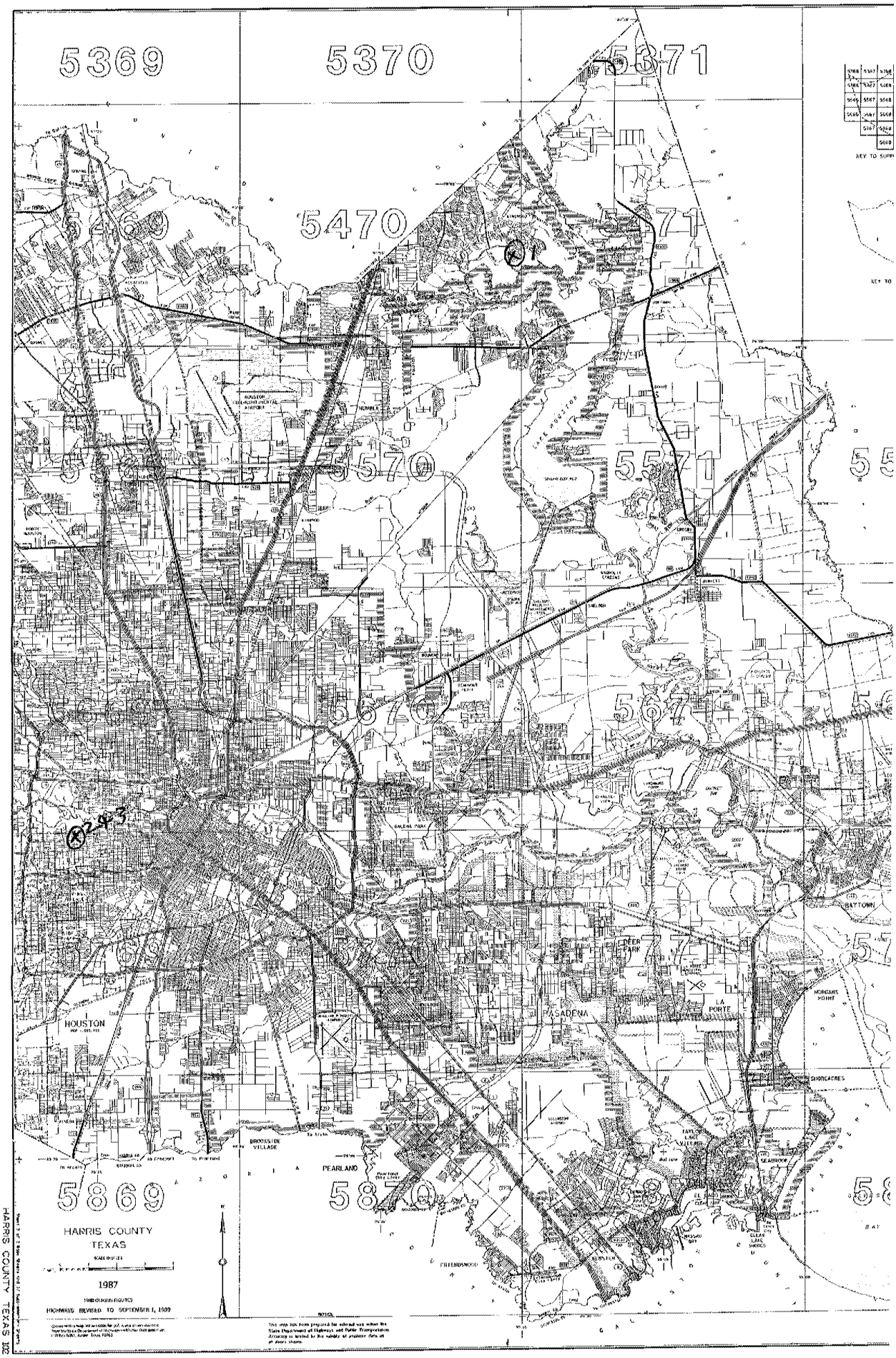
15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 33 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: HOLLY WATER WELLS WATER WELL DRILLER'S LICENSE NO.: 2026
ADDRESS: 607 HWY 19 CITY: HUNTSVILLE STATE: TX ZIP CODE: 77340

FOR TDWR USE ONLY
WELL NO. 65-21-2
LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Frank D. Gerwertz (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)



HARRIS COUNTY TEXAS 102

STATE OF TEXAS WATER WELL REPORT

1) OWNER: BOYCE, DR. ADDRESS: 1708 RIVER OAKS BLVD CITY: HOUSTON STATE: TX ZIP: 77019-
2) LOCATION OF WELL: County: HARRIS 0 miles in SW direction from HOUSTON

LEGAL DESCRIPTION:
Section No.: F-8 Block No.: SW Township: HOUSTON
Abstract No.: RIVER OAKS Survey Name: ASPEN BLDRS
Distance and direction from two intersecting section or survey lines: RIVER OAKS BLVD & INWOOD

65-13-8

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: DOMESTIC 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 15618

DIAMETER OF HOLE

DIAMETER	FROM	TO
7.5	0	408

7) BOREHOLE METHOD:
STRAIGHT WALL
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 01/20/95

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	TOP SOIL
3	13	CLAY
13	32	SAND
32	42	CLAY
42	69	SAND
69	185	CLAY
185	196	SAND
196	223	CLAY
223	240	SAND
240	271	CLAY
271	285	SAND
285	292	CLAY
292	302	SAND
302	325	CLAY
325	333	SAND
333	360	CLAY
360	375	SAND
375	377	ROCK
377	386	CLAY
386	406	SAND
406	408	CLAY

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5	N	PVC CASING	0	380	WW
2.5	N	GALVANIZED LINER	365	386	WW
2.5	N	SUPERFLO SCREEN	386	406	08
2.5	N	PVC LINER	406	408	80

9) CEMENTING DATA:
Cemented from 380 FT. TO 0 FT.
FT. TO FT.
Method used: PRESSURE
Cemented by: ODCI

SEP 18 1995

10) SURFACE COMPLETION:
OTHER

11) WATER LEVEL:
STATIC LEVEL : 230 FT. DATE: 01/20/95
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH
B P VALVE 365

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 336

14) WELL TEST:
JETTED
YIELD: 55 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: N/A DEPTH OF STRATA: 20 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

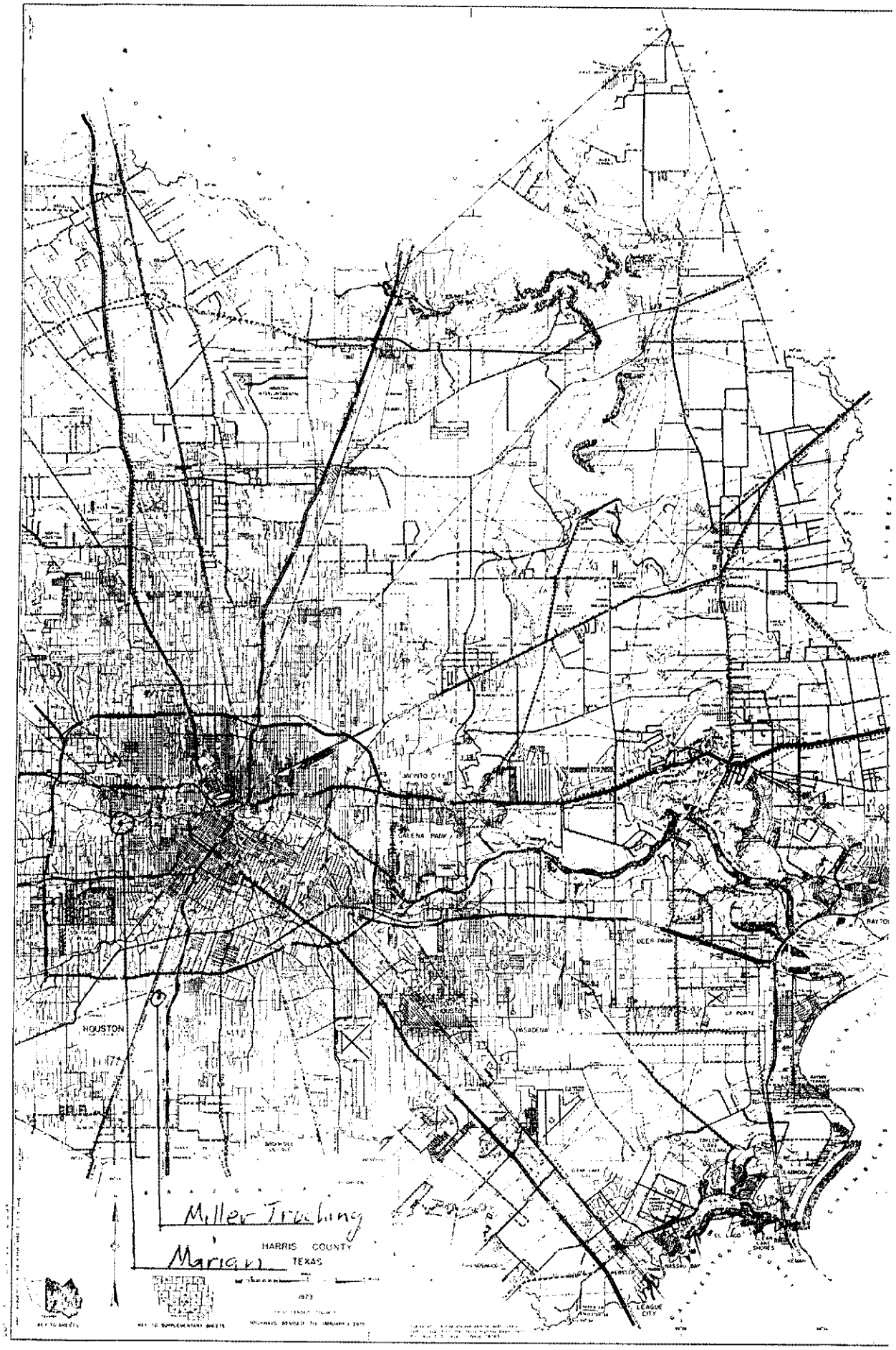
COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877,4111,4883,
ADDRESS: 14405 GARDEN RD CITY: PEARLAND STATE: TX ZIP CODE: 77581

FOR TDWR USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Angel Bautista (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

4820107612


HOUSTON
JACINTO CITY
GALENA PARK
DEER PARK
PASADENA
LA PORTE
BAYTOWN
EL LAGO
LEAGUE CITY
Miller Trucking
Mariana
HARRIS COUNTY
TEXAS
1973

OWNER: DUNCAN, CHARLES & JOHN ADDRESS: #2 BRIARWOOD CITY: HOUSTON STATE: TX ZIP: -

409	413	CLAY
413	418	SAND
418	432	CLAY
432	448	SAND
448	452	CLAY
452	470	SAND
470	478	CLAY
478	487	SAND
487	491	CLAY
491	493	SAND

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: DUNCAN, CHARLES & JOHN ADDRESS: #2 BRIARWOOD CITY: HOUSTON STATE: TX ZIP: -

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-21-2
Street or RFD: #2 BRIARWOOD
City, State, Zip code: HOUSTON , TX -

5)

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: DOMESTIC
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 22701

DATE DRILLING:
STARTED: 04/18/01
COMPLETED: 04/18/01

DIAMETER OF HOLE			7) DRILLING METHOD:	8) BOREHOLE COMPLETION:
DIAMETER	FROM	TO		
7 7/8	0	493	MUD ROTARY	STRAIGHT WALL
				IF GRAVEL... FROM FT. TO FT.
				FROM FT. TO FT.

N^

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5	N	PVC CASING	0	430	SDR17
3	N	GALVANIZED LINER	420	431	WW
3	N	S/S PIPE BASE SCREEN	431	471	08,10
3	N	GALVANIZED LINER	471	493	WW

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	TOP SOIL
3	189	CLAY
189	201	SAND
201	233	CLAY
233	250	SAND
250	274	CLAY
274	280	SAND
280	300	CLAY
300	310	SAND
310	328	CLAY
328	338	SAND
338	367	CLAY
367	378	SAND
378	388	CLAY
388	409	SAND

9) CEMENTING DATA:
Cemented from 430 FT. TO 0 FT. No. of Sacks Used 40
FT. TO FT.
Method used: PRESSURE
Cemented by: ODCI
Distance to septic field lines: ft.
Method of verification of above distance:

10) SURFACE COMPLETION:
SLAB

11) WATER LEVEL:
STATIC LEVEL : 220 FT. DATE: 04/18/01
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH
B P SEAL 420

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 315

14) WELL TEST:
JETTED
YIELD: 80 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: N/A DEPTH OF STRATA: 34 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877,4111,4883,
ADDRESS: 2357 GARDEN RD CITY: PEARLAND STATE: TX ZIP CODE: 77581-8744

FOR TWC USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Angel Bautista (LICENSED WATER WELL DRILLER)

(signed) Francisco J Gutierrez (REGISTERED DRILLER TRAINEE)

48201126445

STATE OF TEXAS WATER WELL REPORT

1) OWNER: BARNHART SR., PAUL F. ADDRESS: 3358 INWOOD DR. CITY: HOUSTON STATE: TX ZIP: 77019-

2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00334

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.00	0	435
5.0	435	455

7) BOREHOLE METHOD:

TWO STRING/B.P. SEAL IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 10/23/90

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	435		CASING
3.0	N	STEEL, NEW, GALV.	425	435		LINER
3.0	N	STAINLESS - ROD BASE	435	440		.008
3.0	N	STAINLESS - ROD BASE	440	455		.010

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	12	CLAY-WHITE
12	46	CLAY-BROWN
46	50	BROKEN SAND & CLAY
50	61	SAND-TAN-.006-.008
61	86	CLAY-BROWN
86	95	BROKEN SAND & CLAY
95	108	SAND-TAN-.010-.012
108	154	CLAY-RED
154	192	SAND-TAN-.014-.020
192	215	CLAY-RED
215	241	SAND-TAN-.014-.020
241	308	CLAY-RED
308	324	SAND-WHITE-.010-.012
324	370	SHALE

RECEIVED
MAY 21 1992
TEXAS WATER WELL DRILLERS BOARD

9) CEMENTING DATA:
Cemented from 0 FT. TO 435 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: ALMEDA WATER WELL

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 252 FT. DATE: 10/25/90
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 357

14) WELL TEST:
JETTED
YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 455 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

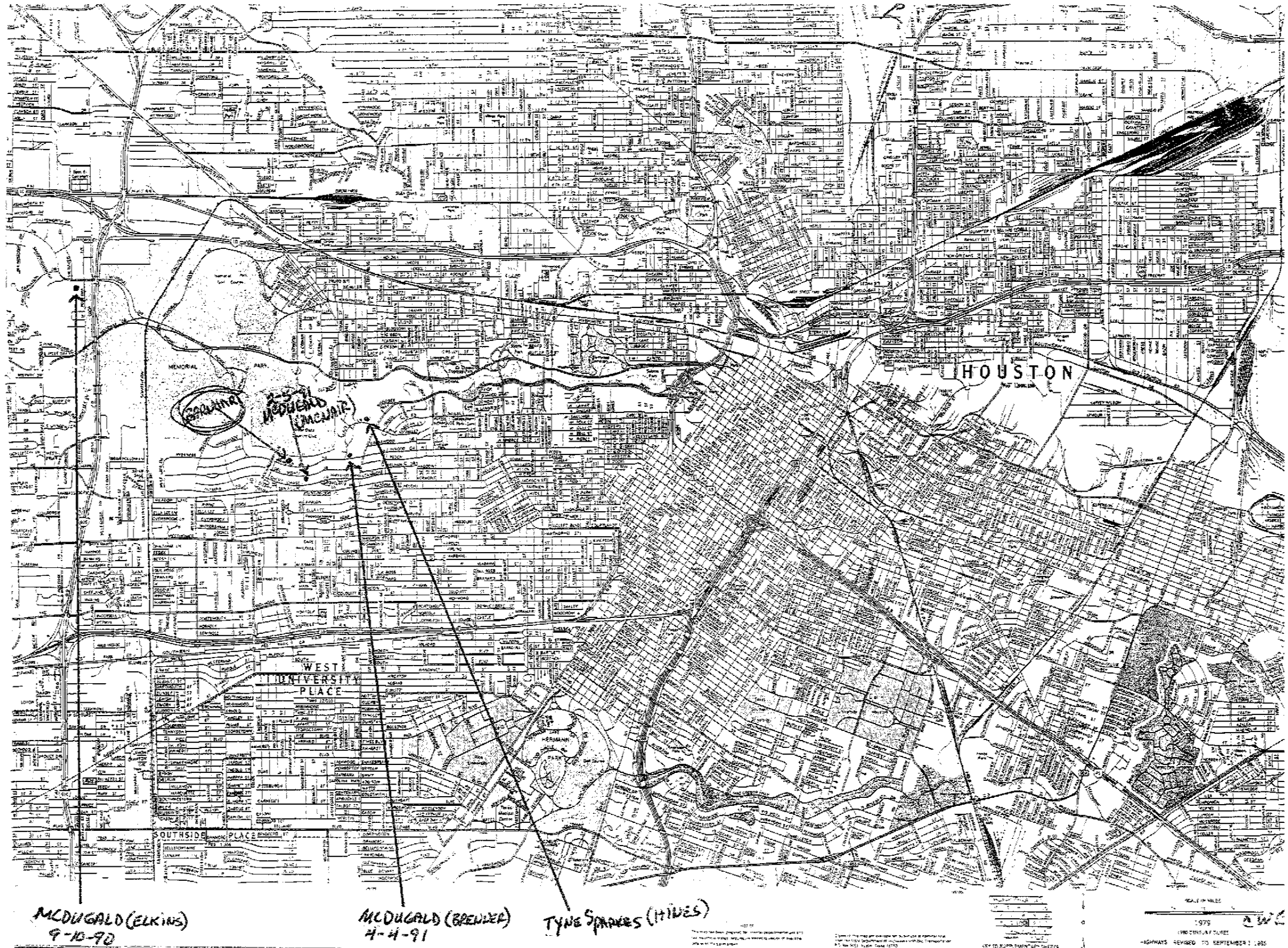
FOR TDWR USE ONLY
WELL NO.
LOCATED ON MAP 65-21-2

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) [signature] (LICENSED WATER WELL DRILLER)

(signed) _____ (REGISTERED DRILLER TRAINEE)

CWB


HOUSTON
MEMORIAL PARK
WEST UNIVERSITY PLACE
SOUTHSIDE PLACE
MCDUGALD (ELKINS)
9-10-90
MCDUGALD (BRENNER)
4-4-91
TYNE SPARKES (HINES)

OWNER: BARNHART SR., PAUL F. ADDRESS: 3358 INWOOD DR. CITY: HOUSTON STATE: TX ZIP: 77019-

370	396	SAND-WHITE-.014-.020
396	424	BROKEN SAND & CLAY
424	440	SAND-WHITE-.006-.008
440	455	SAND-WHITE-.010-.012
455	0	CLAY-RED

Line

CWB

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: BARNHART SR.,PAUL ADDRESS: 3358 INWOOD CITY: HOUSTON STATE: TX ZIP: -

2) ADDRESS OF WELL:
County: HARRIS GRID #65-13-8
Street or RFD: 3358 INWOOD
City, State, Zip code: HOUSTON , TX - 77063

3)

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: SINGLE FAMILY RESID
If Public Supply well, were plans submitted to the TNRCC?

5) WELL LOG: 01571

DATE DRILLING:
STARTED: 12/02/98
COMPLETED: 12/08/98

DIAMETER OF HOLE

DIAMETER	FROM	TO
9.0	0	431
4.875	431	455

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: TWO STRING/K-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
5.0	N	STEEL, NEW, BLACK	0	431		CASING
3.0	N	STEEL, NEW, GALV.	423	434		LINER
3.0	N	STAINLESS - ROD BASE	434	454		.008
3.0	N	STEEL, NEW, GALV.	454	455		LINER

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	51	CLAY-GRAY CLAY-BROWN CLAY-RED
51	61	SAND-TAN-.006-.008
61	96	CLAY-BROWN
96	110	SAND-TAN-.010-.012
110	155	CLAY-RED
155	191	SAND-TAN-.010-.012 SAND-TAN-.014-.020
191	214	CLAY-RED
214	241	SAND-TAN-.010-.012 SAND-TAN-.014-.020
241	308	CLAY-RED
308	324	SAND-WHITE-.010-.012
324	369	CLAY-RED CLAY-BLUE
369	395	SAND-WHITE-.010-.012 SAND-WHITE-.014-.020
395	432	CLAY-BLUE BROKEN SAND & CLAY
432	454	SAND-WHITE-.006-.008 SAND-WHITE-.010-.012

9) CEMENTING DATA:
Cemented from 0 FT. TO 431 FT. No. of Sacks Used 80
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS
Distance to septic field lines: N/A ft.
Method of verification of above distance:
CITY SEWER

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 220 FT. DATE: 12/07/98
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 360

14) WELL TEST:
JETTED
YIELD: 75 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 455 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843, 2350, 2843
ADDRESS: P.O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TWC USE ONLY
WELL NO.
LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Carl Loftin (signed)
LICENSED WATER WELL DRILLER (REGISTERED DRILLER TRAINEE)

4820123739

Send original copy by certified return receipt requested mail to **TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087**

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER R.D.W. (Name) ADDRESS 1029 West 21st St. (Street or RFD) Hstn (City) TX (State) 77008 (Zip)

2) ADDRESS OF WELL: County Harris 3389 Inwood (Street, RFD or other) Hstn (City) TX (State) (Zip) GRID # 65-21-1

3) TYPE OF WORK (Check): [✓] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [✓] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, was plans submitted to the TNRCC? [ ] Yes [ ] No

5) X N

6) WELL LOG:
Date Drilling: Started 10/21 19 96 Completed 10/23 19 96

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
7 7/8	Surface	350
4 3/4	380	400

7) DRILLING METHOD (Check): [ ] Driven [ ] Air Rotary [✓] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

From (ft.)	To (ft.)	Description and color of formation material
0	18	TOP SOIL & CLAY
18	27	SURFACE SAND
27	53	CLAY
53	64	SAND
64	88	CLAY
88	115	SAND
115	185	CLAY
185	197	SAND
197	220	CLAY
220	246	SAND
246	268	CLAY
268	279	SAND
279	370	CLAY
370	400	SAND

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): [ ] Open Hole [✓] Straight Wall [ ] Underreamed [ ] Gravel Packed [ ] Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia (in.)	New or Used	Steel, Plastic, etc Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5	N	SDR 17	0	380	
2½	N	GALVANIZED	374	380	
2½	N	PVC SCREENS	380	390	.014
2½	N	PVC SCREENS	390	400	.016

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 15 ft. No. of sacks used 10
280 ft. to 380 ft. No. of sacks used 10
Method used Halliburton / Trimmel
Cemented by Bussell & Son Inc.
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance ____

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed [Rule 338.44(2)(A)]
[ ] Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
[✓] Pitless Adapter Used [Rule 338.44(3)(b)]
[ ] Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL:
Static level 219 ft. below land surface Date 10/23/96
Artesian flow ____ gpm. Date ____

12) PACKERS:

Type	Depth
K-PACKER	375

13) TYPE PUMP:
[ ] Turbine [ ] Jet [✓] Submersible [ ] Cylinder
[ ] Other ____
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [✓] Jetted [ ] Estimated
Yield 150 gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [✓] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? [ ] Yes [✓] No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Bussell & Son Inc (Type or print) WELL DRILLER'S LICENSE NO. 2035

ADDRESS P O Box 874 (Street or RFD) Tomball (City) TX (State) 77377-0874 (Zip)

(Signed) Clay Bussell (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 05-21-96) *White - TNRCC Yellow - DRILLER Pink - WELL OWNER* 48201107637

(82)

65-14-7H

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-14-7H
Located on map yes
Received: 76
all

1) OWNER:
Person having well drilled NATIONAL BEVERAGE Co (Name) Address 1600 STUDEMONT (Street or RFD) HOUSTON 77007 (City) TEXAS (State)

Landowner SAME (Name) Address SAME (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS, _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

Highway #82
65-08-9A

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic ✓ Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 11/2" in. Depth drilled 338 ft. Depth of completed well 338 ft. Date drilled 6-12-75

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	4'	Top Soil
4'	290'	unconsolidated
290'	338	Sand + Gravel

(Use reverse side if necessary)

9) Casing:
Type: Old New ✓ Steel Plastic ✓ Other
Cemented from 240 ft. to 290 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	290	

10) SCREEN:
Type S.S. Rod Base
Perforated Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2"	318	338	16ga

7) COMPLETION (Check):
Straight wall Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 15' ft. below land surface Date 6-12-75
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 190' ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No ✓
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy C. Bussell (Type or Print) Water Well Drillers Registration No. 707

ADDRESS 9735 N. Hou. Rosslyn (Street or RFD) Hou. (City) Tex (State)

(Signed) Tommy C. Bussell (Water Well Driller) Bussell & Son Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDB-WD-8

4820115774

TEXAS DEPARTMENT OF WATER RESOURCES

WELL SCHEDULE

Aquifer(s) Lower Chicot Project No. _____ State Well No. 65-13-943

_____ Field No./Owner's Well No. _____ County HARRIS

1. Location: ___ ¼, ___ ¼, Section ___, Block ___, Survey _____, Lat. _____, Long. _____

2. Owner: Cook Paint & Varnish Address: _____

Tenant (other): _____ Address: _____

Driller: Layne Texas Address: _____

3. Land Surface Elevation: 56 ft. above msl determined by _____

4. Drilled: 1-14 19 65; Dug, Cable Tool, Rotary, Air, _____

5. Depth: Rept. 502 ft. Meas. _____ ft.

6. Borehole Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed

7. Pump: Mfr. _____ Type T

No. Stages _____, Bowls Diam. ___ in., Setting _____ ft.

Column Diam. _____ in., Length Tailpipe _____ ft.

8. Motor: Mfr. _____ Fuel E HP. 40

9. Yield: Flow _____ gpm, Pump _____ gpm, Meas., Rept., Est. ___ Date ___

10. Performance Test: Date 1/23/65 Length of Test _____ Made by C-T

Static Level 150 ft. Pumping Level ___ ft. Drawdown 27 ft.

Production 357 gpm Specific Capacity _____ gpm/ft.

11. Quality: (Remarks on taste, odor, color, etc.) _____

Analyses

Date _____ Laboratory Edna Wood TDS ___ Sp Cond ___

Date _____ Laboratory _____ TDS ___ Sp Cond ___

12. Other data available (as circled): Pumping Test, Power & Yield Test, Drillers Log, Formation Samples, Geophysical Log(s) Q1531 (type)

13. Water Level(s): _____ ft. rept. meas. _____ 19__ above below _____ which is ___ ft. above below Land Surface

_____ ft. rept. meas. _____ 19__ above below _____ which is ___ ft. above below Land Surface

14. Use: Dom., Stock, Public Supply, Ind., Irr., Observation, Other (Test Hole, Oil Test, etc.) _____

15. Recorded by: _____ Source of data: _____ Date: _____

16. Remarks: _____

17. Location or Sketch:

CASING, BLANK PIPE & WELL SCREEN Cemented From ___ ft. to ___ ft.			
Diam. (in.)	Type	Setting (feet) from	to
14			220
8			502

Q 1531

W/L Obs. Well ___ W/Q Obs. Well ___

State Well No. 65-13-943

TDWR-0308

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

WATER WELL TEST

REPORT NO. 6931
S. O. 2044-64
PAGE 1 OF 1
FILE NO 2914
DATE 1/27/65

CUSTOMER LOCATION

TEST FOR COOK PAINT & VARNISH COMPANY

LOCATION OF WELL HOUSTON PLANT

SURVEY FIELD

COUNTY HARRIS STATE TEXAS

DESCRIPTION OF LAND MARKS

2519 CROCKETT ST.

WELL DATA

NAME WELL WELL NO 3

ELEVATION DATUM

WELL SIZE 14" x 8-5/8" x 24" U.R.

TOTAL DEPTH 502' TOP SCREEN 245'

GRAVEL WELL STRAIGHT WELL

TYPE SCREEN S.S. W.W. GAGE .040"

TEMPERATURE OF WATER

WATER CONDITION CLEAR & FREE OF SAND

WATER MEASURING DEVICE

ORIFICE SIZE 6"x4" LENGTH 80'

OTHER FROM PUMP

TEST PUMP DATA

DEPTH SETTING TOP OF BOWL 200'

LENGTH AIR LINE 200' SIZE 1/4"

TYPE BOWL SKHC 8" NO. STAGES 13

LENGTH BOWL SUCTION LT. NONE

SAND CONTENT OZ PER 100 GAL

WATER SAMPLE TAKEN NO. SAMPLES

BACTERIOLOGICAL SAMPLE TAKEN

DRAWDOWN SPECIFIC CAPACITY

ACTIVE STATIC HEAD AFTER PUMP STOPPED

5 MIN	151 FT	20 MIN	150 FT
10 MIN	150 FT	25 MIN	149 FT
15 MIN	150 FT	30 MIN	149 FT

S.L. BEFORE START 150 FT.

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH PRESS	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
1/23/65 - STARTED TEST AT 9:30 A.M.								
9:30 AM	21	179		32.5	360			
10:00	22	178		32.5	360			
10:30	23	177		32.5	360			
11:00	23	177		32.5	360			
11:30	23	177		32	357			
12:00 N	23	177		32	357			
12:30 PM	23	177		32	357			
1:00	23	177		32	357			
1:30	23	177		32	357			
2:00	23	177		32	357			
2:30	23	177		32	357			
3:00	23	177		32	357			
3:30	23	177		32	357			
4:00	23	177		32	357			
5:00	23	177		32	357			
5:30	23	177		32	357			

65-13-943

OBSERVERS

B. R. TUCKER
FOR OWNER

JAKE HODGES
FOR LAYNE TEXAS CO.

65-13-9F

FORM NO 25

Q-1531

FORM K 28

LAYNE TEXAS COMPANY.

HOUSTON -:- DALLAS

WELL LOG

REPORT NO 6929
S O 2044-64
PAGE 1 OF
FILE NO 2914
DATE 1/20/65

CUSTOMER LOCATION	WELL DATA
FOR COOK PAINT & VARNISH COMPANY	NAME WELL WELL NO. 2
LOCATION WELL 2519 CROCKETT	ELEVATION DATUM
SURVEY FIELD	RT GR
COUNTY HARRIS STATE TEXAS	TEST HOLE SIZE 12¼" TD 500'
OTHER LAND MARKS	DATE STARTED DRILLING 1-12-65
	DATE FINISHED DRILLING 1-14-65
	DRILLER J. HODGES RIG NO 7
	TYPE MUD GEL NO SACKS 4
	ELECTRIC LOG YES TYPE WIDCO
	SURVEY YES TYPE EASTMAN
	OTHER

OK.

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	TYPE	NUMBER
0	2	SURFACE SOIL			
35	33	CLAY & STREAKS OF SAND			
52	17	CLAY & SANDY CLAY			
53	1	BOULDER			
98	45	CLAY & SANDY CLAY			
115	17	SAND			
131	16	SAND & SANDY CLAY			
193	62	LAYERS OF CLAY & SANDY CLAY			
194	1	BOULDERS			
202	8	SANDY CLAY & SAND			
205	3	BOULDERS			
244	39	SHALE & STREAKS OF SANDY GRAVEL			
254	10	SAND & GRAVEL			
293	39	SHALE & STREAKS OF SAND			
374	81	SHALE & SANDY SHALE, SAND BREAKS			
386	12	SAND & SANDY SHALE			
406	20	SHALE & SANDY SHALE			
450	44	SAND & FEW SHALE BREAKS			
457	7	SAND-SHALE			
487	30	SAND & FEW BREAKS SANDY SHALE			
502	15	SANDY SHALE & SHALE			

TOTAL DEPTH 502 FEET

65-13-943

QE-153

FORM NO. 1202

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

MATERIAL SETTING

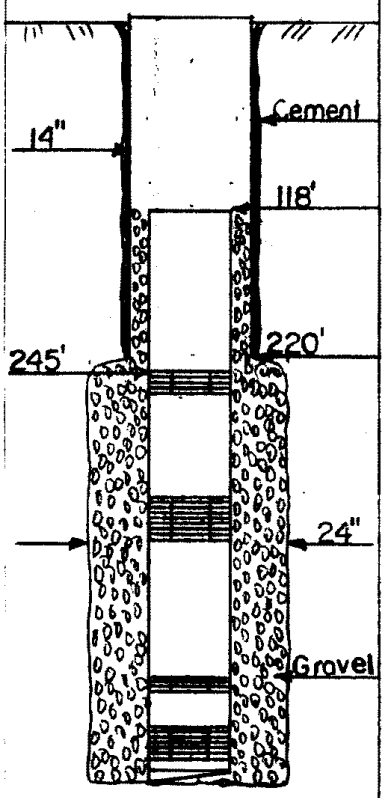
REPORT NO. 6930
S. O. 2044-64
PAGE 1 OF 1
FILE NO. 2914
DATE 1/27/65

CUSTOMER LOCATION	WELL DATA
FOR Cook Paint & Varnish Company	NAME WELL WELL NO. 3
LOCATION WELL Houston Plant	ELEVATION DATUM
SURVEY FIELD	TYPE WELL Gravel-wall
COUNTY Harris STATE Texas	SURFACE CASING CEMENTED Yes NO. SACKS 90
OTHER LAND MARKS 2519 Crockett Street	SIZE HOLE UNDERREAMED 24" DEPTH 220-502'
	GRAVEL TYPE 112-13-165 NO. CU. YDS. 48
	TYPE SCREEN S.S. W.W. GAGE .040"
	DRILLER J. Hodges RIG NO. 7
	OTHER B. Tolley, C. Brewer

DEPTH	LENGTH	SIZE, KIND, WEIGHT MATERIAL
+1'		14" OD set one foot above surface
0		Surface
118'		Top of 8-5/8" O.D. lap
220'	221'	14" O.D. surface casing 45.68#
229'	111'	8-5/8" O.D. blank
245'	16'	8-5/8"OD S.S. W.W. screen, .040" ga.
310'	65'	8-5/8" O.D. blank
336'	26'	8-5/8" OD S.S. W.W. screen, .040" ga.
430'	94'	8-5/8" O.D. blank
440'	10'	8-5/8"OD S.S. W.W. screen, .040" ga.
465'	25'	8-5/8" O.D. blank
486'	21'	8-5/8"OD S.S. W.W. screen, .040" ga.
500'	14'	8-5/8" O.D. blank
502'	2'	8-5/8"OD back pressure valve and set nipple

Total depth 502 ft.

SKETCH



T.D.-502'

65-13-943

65-13-9F

Q-153

MICROBIOLOGY SERVICE LABORATORIES

water technologists . . chemists . . microbiologists

27 January 1965

To: Layne Texas Company
P. O. Box 9098
Houston, Texas 77011

SO 2044-64

Sample marked: Sample No. 1, Well No. 3, Cooks Paint & Varnish, Houston, Harris Cty, Texas. Taken: 1-23-65 after 7 hours pumping at 357 gpm with Test Pump. Static Head: 150'. Pumping Level: 177'. Screened: 229-486'. Clear & free of sand. B. F. Tolley

Received: 1-26-65

WATER ANALYSIS

results in parts per million (mg/1) except as noted

Dissolved Residue at 105°C		366	Conductance, micromhos/cm, 25°C	648
Total Dissolved Solids, actual†		517	Color, units	0
Total Dissolved Solids, calc.		510	Turbidity, units	0
Silica	SiO_2	17	As Calcium Carbonate, $CaCO_3$:	
Iron and Aluminum Oxides	R_2O_3	0	Phenolphthalein Alkalinity	0
Calcium	Ca	71	Total Alkalinity	244
Magnesium	Mg	12	Total Hardness	228
Sodium (diff.) Na + K as	Na	48	Free Carbon Dioxide CO_2	26
Carbonate	CO_3	0	pH . . . 7.26	
Bicarbonate	HCO_3	298	**HYPOTHETICAL COMBINATIONS**	
Sulfate	SO_4	2		
			Calcium Bicarbonate	287
Chloride	Cl	60	Magnesium Bicarbonate	75
			Sodium Bicarbonate	27
Total Iron	Fe	0.06	Sodium Sulfate	2
			Sodium Chloride	99
o-Phosphate	PO_4	0.75	Sodium Phosphate	1
			Sodium Nitrate	2
Nitrate	NO_3	1.3	$SiO_2 + R_2O_3$	17
			Total Dissolved Solids, calc.	510

†Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO_3) ion

65-13-943

Microbiology Service Laboratories

By: Edna Wood
Edna Wood

65-13-9F

4796

Q-1531

#9

STATE OF TEXAS WATER WELL REPORT

1) OWNER: KEMPNER, JIM ADDRESS: 3000 DEL MONTE CITY: HOUSTON STATE: TX ZIP: 77019
2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION: SEE ATTACHED MAP: 00111
Section No.: Block No.: Township:
Abstract No.: Survey Name:
Distance and direction from two intersecting section or survey lines:

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00111

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.0	0	460
5.0	460	480

7) BOREHOLE METHOD:
TWO STRING/LEAD SEAL
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 09/29/88

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	2	SOIL
2	17	CLAY-WHITE
17	19	SAND-WHITE-.006-.008
19	40	CLAY-RED
40	60	SAND-WHITE-.010-.012
60	180	CLAY-RED
180	208	SAND-WHITE-.010-.012
208	233	CLAY-RED
233	244	SAND-WHITE-.010-.012
244	429	CLAY-RED
429	438	SAND-WHITE-.006-.008
438	447	CLAY-RED
447	457	SAND-WHITE-.006-.008
457	464	CLAY-BLUE
464	476	SAND-WHITE-.010-.012
476	480	CLAY-RED

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	460	
2.5	N	STEEL, NEW, GALV.	456	464	LINER
2.5	N	STAINLESS - ROD BASE	464	476	.008
2.5	N	STEEL, NEW, GALV.	476	480	S.T.N.

9) CEMENTING DATA:
Cemented from 190 FT. TO 460 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: ALMEDA WATER WELL

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 262 FT. DATE: 10/01/88
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

RECEIVED SEP 20 1989 TEXAS WATER COMMISSION

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 337

14) WELL TEST:
JETTED
YIELD: 50 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 480 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY
WELL NO. 65-13-8
LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) John A. Pylburse (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

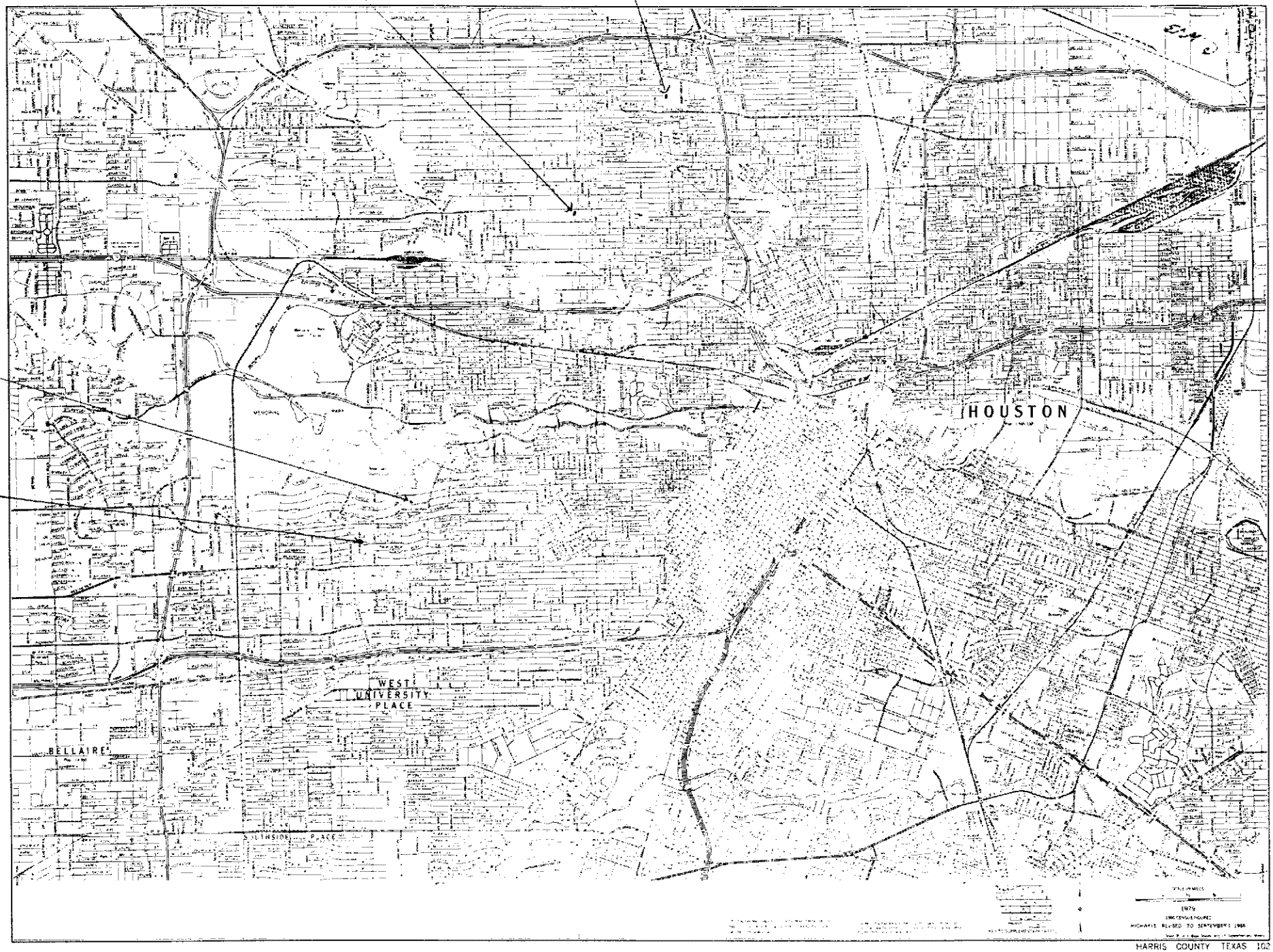
4820107611

11TH STREET WASHATERIA

FARMERS MKT. WASHATERIA

JIM KEMPHER

JOHN YOUNG



HARRIS COUNTY TEXAS 102

STATE OF TEXAS WATER WELL REPORT

1) OWNER: WEAVER, JAMES D. ADDRESS: 3196 DEL MONTE CITY: HOUSTON STATE: TX ZIP: -
2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00507

DIAMETER OF HOLE

DIAMETER	FROM	TO
6.75	0	380
4.0	380	400

7) BOREHOLE METHOD:
TWO STRING/K-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 12/18/91

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
4.0	N	P.V.C. SCH.40	0	380	CASING
2.5	N	P.V.C. SCH.80	375	380	LINER
2.5	N	P.V.C. - SLOTTED	380	390	.006
2.5	N	P.V.C. - SLOTTED	390	400	.008

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	46	CLAY-WHITE CLAY-BROWN
46	68	SAND-WHITE-FINE SAND-TAN-.006-.008
68	130	CLAY-WHITE BROKEN SAND & CLAY
130	147	SAND-GRAY-.006-.008
147	184	CLAY-BROWN
184	208	SAND-TAN-.010-.012
208	219	CLAY-BROWN
219	245	SAND-TAN-.006-.008
245	296	CLAY-RED CLAY-BLUE
296	317	SAND-TAN-.010-.012
317	375	CLAY / SAND STREAKS
375	376	ROCK
376	400	SAND-TAN-.006-.008

RECEIVED
NOV 05 1992
TEXAS WATER COMMISSION

9) CEMENTING DATA:
Cemented from 0 FT. TO 380 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 235 FT. DATE: 12/20/91
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 315

14) WELL TEST:
JETTED
YIELD: 50 GPM WITH FT DRAWDOWN AFTER HRS

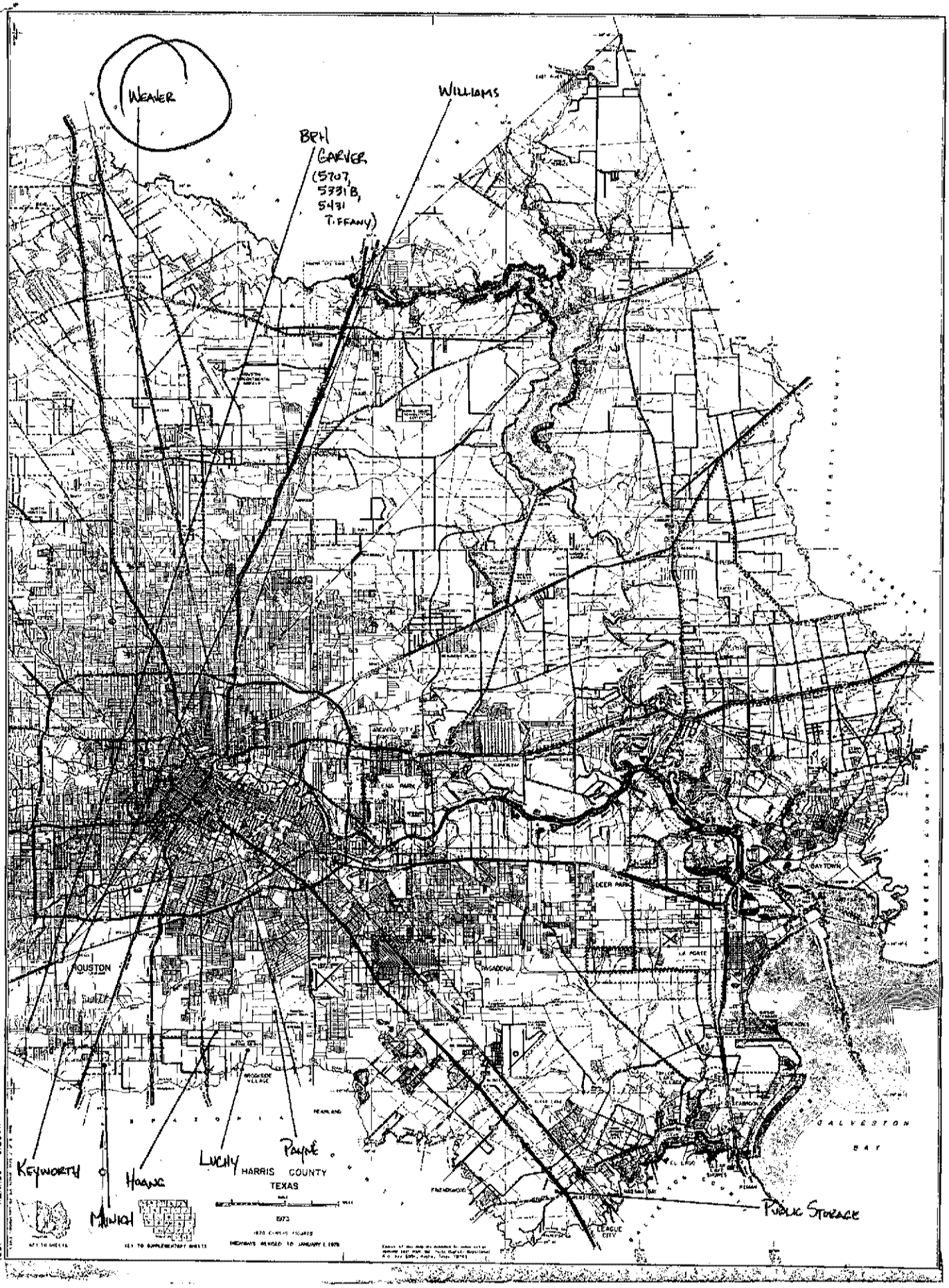
15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 400 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY
WELL NO.
LOCATED ON MAP 65-21-3

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) MIKE PABLO (signed)
(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)


WEAVER
WILLIAMS
BRH
GARVER
(5707,
5331B,
5431
TIFFANY)
HOUSTON
PASADENA
BAYTOWN
LA PORTE
GALVESTON
BAY
KEYWORTH
MINICH
HOANG
LUCILY
PAYNE
HARRIS COUNTY
TEXAS
PUBLIC STORAGE
HARRIS COUNTY

Send original copy by certified mail to: **TNRCC, P.O. Box 13087, Austin, TX 78711-3087**

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** Chip Bryant (Name) **ADDRESS** 2938 DelMonte (Street or RFD) Houston (City) TX (State) 77019 (Zip)

2) **ADDRESS OF WELL:** County Harris 2938 DelMonte (Street, RFD or other) Houston (City) TX (State) 77019 (Zip) **GRID #** 65-21-2

3) **TYPE OF WORK (Check):** ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) X

N↑

6) **WELL LOG:**
Date Drilling: Started 3-19 19 96
Completed 3-20 19 96

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	300
3 7/8	300	310

7) **DRILLING METHOD (Check):** ☐ Driven ☐ Air Rotary ☑ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	37	TOP SOIL & CLAY
37	64	SURFACE SAND
64	158	CLAY
158	210	SAND
210	238	CLAY
238	310	SAND

MAY 1 8 1996

(Use reverse side if necessary)

8) **Borehole Completion (Check):** ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	N	PVC	0	300	
2	N	GALVANIZED	295	300	
2	N	PVC SCREEN	300	310	.012

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from 0 ft. to 15 ft. No. of sacks used 7
250 ft. to 300 ft. No. of sacks used 3
Method used HALL: BUTTON / TRIMMIE
Cemented by BUSSELL & SON INC
Distance to septic system field lines or other concentrated contamination _____ ft.
Method of verification of above distance _____

10) **SURFACE COMPLETION**
☐ Specified Surface Slab Installed [Rule 338.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) **WATER LEVEL:**
Static level 185 ft. below land surface Date 3-20-96
Artesian flow _____ gpm. Date _____

12) **PACKERS:**

Type	Depth
K-PACKER	295

13) **TYPE PUMP:** ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., 240 ft.

14) **WELL TESTS:**
Type test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 40 gpm with _____ ft. drawdown after _____ hrs.

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME BUSSELL & SON INC. (Type or print) **WELL DRILLER'S LICENSE NO.** 2035

ADDRESS PO Box 874 (Street or RFD) Tomball (City) TX (State) 77377-0874 (Zip)

(Signed) Craig O. Bussell (Licensed Well Driller) **(Signed)** _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-01-94) TNRCC COPY

STATE Texas WATER WELL REPORT

1) OWNER: MCDUGALD STEEL ADDRESS: 2995 LAZY LANE CITY: HOUSTON STATE: TX ZIP:
2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00419

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.0	0	455
3.0	455	475

7) BOREHOLE METHOD:
TWO STRING/K-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 04/04/91

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	455		CASING
3.0	N	P.V.C. SCH.80	447	457		LINER
3.0	N	STAINLESS - ROD BASE	457	475		.006

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	2	SOIL
2	42	CLAY-RED
42	65	SAND-TAN-FINE
65	123	CLAY-RED
123	131	SAND-TAN-FINE
131	181	CLAY-RED
181	206	SAND-TAN-FINE
206	258	CLAY-RED
258	279	SAND-TAN-.010-.012
279	293	CLAY-RED
293	304	SAND-TAN-.010-.012
304	317	SAND-TAN-FINE
317	361	CLAY / SAND STREAKS
361	368	SAND-TAN-FINE
368	376	GRAVEL

9) CEMENTING DATA:
Cemented from 0 FT. TO 455 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 259 FT. DATE: 04/06/91
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH
RUBBER 454

RECEIVED
MAY 21 1992
TEXAS WATER WELL DRILLERS BOARD

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 336

14) WELL TEST:
JETTED
YIELD: 75 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 475 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Gilbert S. [illegible] (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

CWB

Lee 4820124934

KH-P.42

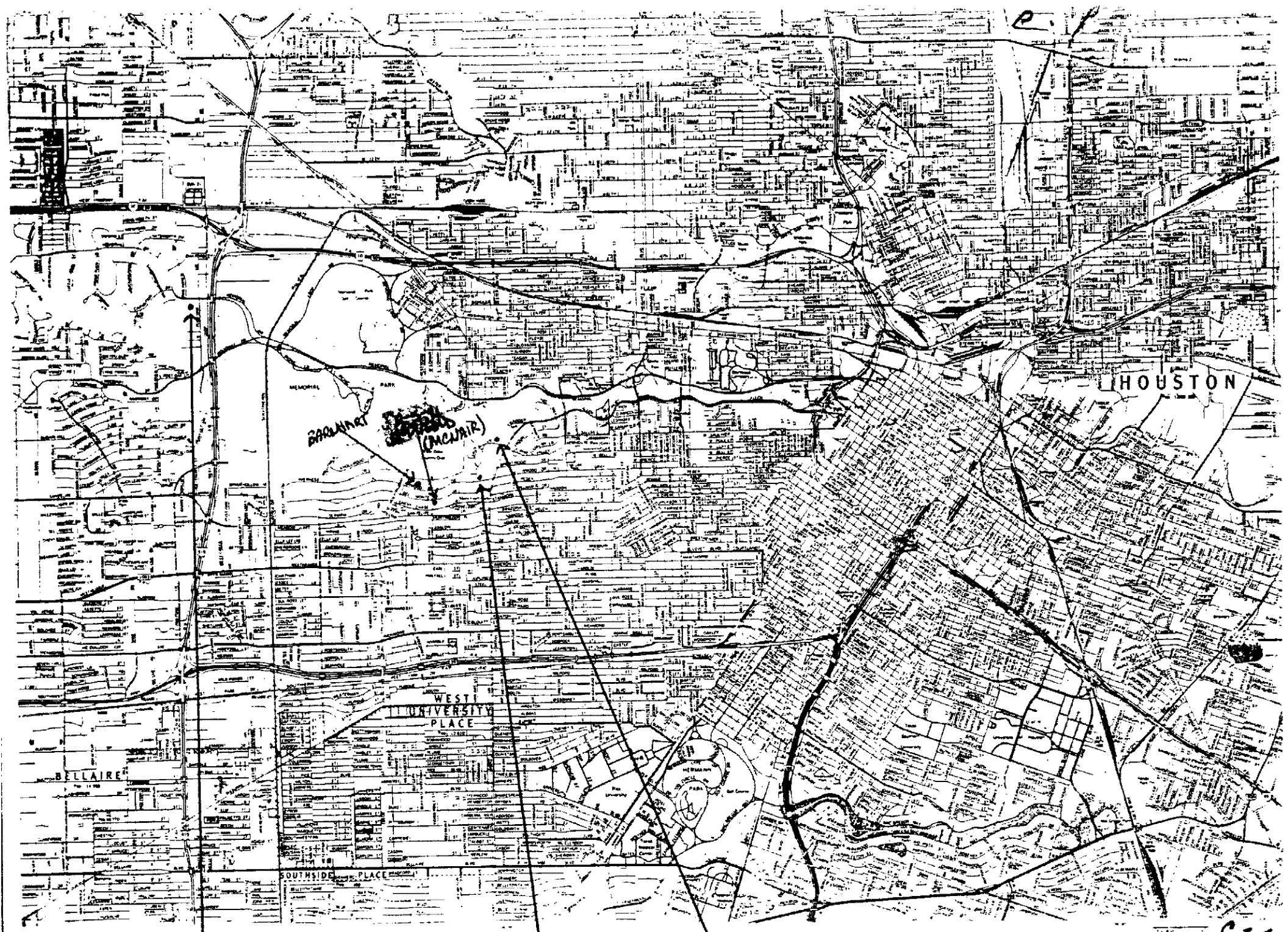
STATE OF TEXAS WATER WELL REPORT (PAGE 2)

OWNER: MCDUGALD STEEL ADDRESS: 2995 LAZY LANE CITY: HOUSTON STATE: TX ZIP:

376	397	SAND-TAN-.010-.012
397	425	SAND-TAN-FINE
425	437	SAND-TAN-.006-.008
437	448	SHALE
448	457	SAND-TAN-FINE
457	475	SAND-TAN-.010-.012
475	0	CLAY-RED

Lone

CWB


HOUSTON
MEMORIAL
PARK
BAGWHAT
(MCNAIR)
WEST
UNIVERSITY
PLACE
BELLAIRE
SOUTHSIDE PLACE
HERMANN
PARK
MCDUGALD (ELKINS)
9-10-90
MCDUGALD (BRENNER)
4-4-91
TYNE SPRINGS (HIVES)

Love

STATE OF TEXAS WELL REPORT for Tracking #204294

Owner:	**Tom Hooks**	Owner Well #:	**Well Log #03619**
Address:	**3005 Del Monte Houston, TX 77019**	Grid #:	**65-13-8**
Well Location:	**3005 Del Monte Houston, TX 77019**	Latitude:	**29° 45' 01" N**
		Longitude:	**095° 25' 17" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **6/23/2009** Drilling End Date: **8/23/2009**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.5**	**0**	**380**
	4.875	**380**	**400**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Two String / K-Packer**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**380**	**70**

Seal Method: **Pressure - Haliburton**

Sealed By: **AWWS**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **City Sewer**

Surface Completion: **Pitless Adapter Used**

Water Level: **205 ft.** below land surface on **2009-06-25** Measurement Method: **Unknown**

Packers: **K-Packer 371**
K-Packer 372

Type of Pump: **Submersible** Pump Depth (ft.): **294**

Well Tests: **Jetted** **Yield: 125 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**400**	**Not Tested**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Almeda Water Well Service**

P.O. Box 266
Manvel, TX 77578

Driller Name: **John A. Pyburn** License Number: **843**

Comments: **Proposed Use: Single Family Resid.**
$mew

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**2**	**Fill**
2	**3**	**Soil**
3	**41**	**Clay-Gray Clay-Tan**
41	**67**	**Sand-Tan-.006-.008**
67	**159**	**Clay-Gray Clay-Red**
159	**210**	**Sand-Tan-.010-.012 Sand-Tan-.014-.020**
210	**233**	**Clay-Red**
233	**245**	**Sand-Tan-.010-.012**
245	**261**	**Clay-Red Clay / Sand Streaks**
261	**280**	**Sand-Tan-.006-.008**
280	**327**	**Clay-Red**
327	**340**	**Sand-White-.006-.008**
340	**361**	**Clay-Red Clay-Gray**
361	**375**	**Sand-White-.006-.008**
375	**380**	**Clay-Red Clay-Blue**
380	**400**	**Sand-White-.006-.008**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5	**New**	**PVC SDR 17**	**0 - 380 Casing**
3	**New**	**PVC SCH 40**	**371 - 380 Liner**
3	**New**	**Johnson Super Flow**	**380 - 390 .006**
3	**New**	**Johnson Super Flow**	**390 - 400 .008**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

STATE OF TEXAS WELL REPORT for Tracking #220553

Owner:	**Cedar Baldridge**	Owner Well #:	**Well log 42741**
Address:	**P.O. Box 542228 Houston, TX 77254**	Grid #:	**65-13-8**
Well Location:	**2947 Inwood Houston, TX**	Latitude:	**29° 45' 05" N**
		Longitude:	**095° 25' 13" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Irrigation**

Drilling Start Date: **1/12/2008** Drilling End Date: **1/22/2008**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8**	**0**	**405**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:			**8**
	0	**378**	**56**

Seal Method: **Pressure**

Sealed By: **ODCI**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Surface Sleeve Installed**

Water Level: **190 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **B P Seal 363'**

Type of Pump: **Submersible** Pump Depth (ft.): **315**

Well Tests: **Jetted** **Yield: 40 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**26**	**n/a**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **O'Day Drilling Co., Inc.**

5923 CR 931
Rosharon, TX 77583

Driller Name: **Angel Bautista** License Number: **4883**

Apprentice Name: **Arturo Barrera**

Comments: **$mew**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**Top Soil**
3	**55**	**Clay**
55	**70**	**Sand**
70	**172**	**Clay**
172	**181**	**Sand**
181	**188**	**Clay**
188	**197**	**Sand**
197	**203**	**Clay**
203	**213**	**Sand**
213	**240**	**Clay**
240	**256**	**Sand**
256	**294**	**Clay**
294	**303**	**Sand**
303	**312**	**Clay**
312	**328**	**Sand**
328	**379**	**Clay**
379	**405**	**Sand**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5	**New**	**PVC Casing**	**0 - 378 WW**
3	**New**	**Galvanized Liner**	**363 - 385 Sch40**
3	**New**	**S/S Pipe Base Screen**	**385 - 405 006 ga**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

TEXAS DEPARTMENT OF WATER RESOURCES

WELL SCHEDULE

Aquifer(s) Evangeline Project No. _____ State Well No. 65-13-746

Field No./Owner's Well No. 4 County Harris

1. Location: ___ ¼, ___ ¼, Section ___, Block ___, Survey _____, Lat. _____, Long. _____

2. Owner: Memorial Villages Address: _____

Tenant (other) @ West Creekside Address: _____

Driller: Texas Water Wells Address: _____

3. Land Surface Elevation: 72 ft. above msl determined by _____

4. Drilled: 7 19 70; Dug, Cable Tool, Rotary, Air, _____

5. Depth: Rept. 1488 ft. Meas. _____ ft.

6. Borehole Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed

7. Pump: Mfr. _____ Type J

No. Stages _____, Bowls Diam. ___ in., Setting _____ ft.

Column Diam. _____ in., Length Tailpipe _____ ft.

8. Motor: Mfr. _____ Fuel E HP. 250

9. Yield: Flow ___ gpm, Pump ___ gpm, Meas., Rept., Est. ___ Date ___

10. Performance Test: Date 9/70 Length of Test ___ Made by TWW

Static Level 340 ft. Pumping Level ___ ft. Drawdown 47 ft.

Production 1515 gpm Specific Capacity _____ gpm/ft.

11. Quality: (Remarks on taste, odor, color, etc.) _____

Analyses

Date _____ Laboratory _____ TDS ___ Sp Cond ___

Date _____ Laboratory _____ TDS ___ Sp Cond ___

12. Other data available (as circled): Pumping Test, Power & Yield Test, Drillers Log

Formation Samples, Geophysical Log(s) _____

CASING, BLANK PIPE & WELL SCREEN Cemented From ___ ft. to ___ ft.			
Diam. (in.)	Type	Setting (feet) from	to
16			960
10			1488

13. Water Level(s): _____ ft. rept. meas. _____ 19 ___ above below _____ (type) which is ___ ft. above below Land Surface

_____ ft. rept. meas. _____ 19 ___ above below _____ which is ___ ft. above below Land Surface

14. Use: Dom., Stock, Public Supply, Ind., Irr., Observation, Other (Test Hole, Dil Test, etc.) _____

15. Recorded by: _____ Source of data: _____ Date: _____

16. Remarks: _____

17. Location or Sketch:

TDWR-0308

W/L Obs. Well ___ W/Q Obs. Well ___

State Well No. 65-13-746

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-8D
Located on map 4-C-S
Received: 7/

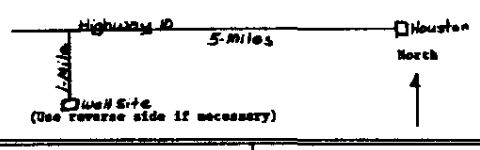
1) OWNER:
Person having well drilled Memorial Villages Water Authority (Name) Address Houston, Texas (Street or RFD) (City) (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

West Creekside Well #2

2) LOCATION OF WELL:
County Harris, _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*



(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NE, NW, SE, SW) of Section _____

3) TYPE OF WORK (Check): X New Well, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check): Domestic, Industrial, X Municipal, Irrigation, Test Well, Other

5) TYPE OF WELL (Check): X Rotary, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 16 in. Depth drilled 1699 ft. Depth of completed well 1498 ft. Date drilled 7/1970
All measurements made from 10 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
20	35	Sand
35	50	Sand & Clay Strks.
50	60	Red Clay
60	70	Clay & Shale
70	85	Clay & Shale
85	100	Shale
100	115	Sandy Shale
115	150	Sandy Shale
150	160	Sand
160	190	Sand
190	195	Sand

(Use reverse side if necessary) (Over)

9) Casing:
Type: Old, X New, Steel, Plastic, Other
Cemented from Surface ft. to 970 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
10-3/4	870	974	Blank
10-3/4	1022	1062	Blank
10-3/4	1096	1112	Blank

10) SCREEN:
Type Rib Type S.S. Screen
Perforated, X Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
10	974	1022	.050
10	1062	1096	.050
10	1112	1160	.050

7) COMPLETION (Check):
Straight wall, X Gravel packed, Other, X Under reamed, Open Hole

8) WATER LEVEL:
Static level 340 ft. below land surface Date 9/1970
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 500 ft. below land surface.

11) WELL TESTS:
Was a pump test made? X Yes No If yes, by whom? Texas Water Wells, Inc.
Yield: 1515 gpm with 48 ft. drawdown after 24 hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? X Yes No
Did any strata contain undesirable water? Yes X No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A. E. Fawcett, Jr. (Type or Print) Water Well Drillers Registration No. 82

ADDRESS 3611 N. McCarty, (Street or RFD) Houston, Texas 77029 (City) (State)

(Signed) A. E. Fawcett Jr. (Water Well Driller) Texas Water Wells, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

Copy mailed to Well Owner

65-13-746 GM

7)LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area. e.g. survey abstract.

Information furnished in Section 2) of the TWDBR-GW-33 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.

From:	To:	Description & color of formation material
195	210	Shale
210	220	Shale
220	290	Sand
290	309	Sand & Shale
309	340	Shale
340	400	Sand & Shale
400	490	Shale
490	600	Shale
600	795	Sand & Shale
795	810	Sand
810	855	Shale
855	883	Sand
883	975	Shale & Sand
975	1295	Sand
1295	1340	Sand & Shale
1340	1699	Sand & Shale

9.) Casing:

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
10-3/4	1160	1276	Blank
10-3/4	1340	1394	Blank
10-3/4	1430	1460	Blank
10-3/4	1488	1498	Blank

10.) Screen:

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
10	1276	1310	.045
10	1310	1340	.035
10	1394	1430	.040
10	1460	1488	.040

RECEIVED
APR 14 1971
TEXAS WATER
DEVELOPMENT BOARD

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 405 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 48 13 Longitude - 95 29 47 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Ridgecrest

Driller - Texas Water Wells

Address _____ Tenant/Oper. _____
Date Drilled - / /1950 Depth - 729 ft. Source of Depth - R Altitude - 81 ft. Source of Alt. -
Aquifer - 112CEVG CHICOT AND EVANGELINE AQUIFERS Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____
Completion - _____
Casing Material - _____
Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from _____ to _____
| Diam. (in.) | Setting(feet) From | To

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CEVG
Well No. - 65 13 405

WL #36

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-21-26
Located on map YES
Received: C.E.S.

1) OWNER David McDonough (Name) Address #10 West Lane (Street or RFD) Houston (City) TX. (State) 77019 (Zip)

2) LOCATION OF WELL: #10 West Lane
County Harris, 2 miles in W (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ See attached map. Mapon 65-05-9RRR

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 9-20-82

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	412

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	13	Top Soil + Clay
13	21	Surface Sand
21	315	Clay (Very Sticky)
315	342	Sand
342	378	Sandy Clay
378	412	Sand

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Galv.	0	380	
2	N	Galv.	372	382	
2	N	P.V.C.	382	392	.016
2	N	P.V.C.	392	402	.014
2	N	P.V.C.	402	412	.014

CEMENTING DATA
Cemented from 330 ft. to 380 ft.
Method used Halliburton
Cemented by Bussell + Son (Company or Individual)

9) WATER LEVEL:
Static level 254 ft. below land surface Date 9-21-82
Artesian flow _____ gpm. Date _____

RECEIVED
SEP 12 1983
DEPT. OF WATER RESOURCES

10) PACKERS: Type Depth

11) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 315 ft.

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Craig O. Bussell (Type or Print) Water Well Drillers Registration No. 2035

ADDRESS P.O. Box 874 (Street or RFD) Tomball (City) TX. (State) 77375 (Zip)

(Signed) Craig Bussell (Water Well Driller) Bussell + Son, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)
1/

DEPARTMENT OF WATER RESOURCES COPY

4820107650

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: COSELLI, KELLY ADDRESS: 3942 DEL MONTE CITY: HOUSTON STATE: TX ZIP: -

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-21-2
Street or RFD: 3942 DEL MONTE
City, State, Zip code: HOUSTON , TX -

5)

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: SINGLE FAMILY RESID
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 01941

DATE DRILLING:
STARTED: 09/26/00
COMPLETED: 10/31/00

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.0	0	360
4.875	360	388

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: TWO STRING/K-PACKER

IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

N^

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	360		CASING
3.0	N	P.V.C. SCH.40	351	365		LINER
3.0	N	P.V.C. - UNDERBAR	365	375		.008
3.0	N	P.V.C. - UNDERBAR	375	385		.012
3.0	N	P.V.C. SCH.40	385	388		LINER

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	12	CLAY-GRAY CLAY-TAN
12	16	SAND-TAN-.006-.008
16	43	CLAY-RED
43	61	SAND-TAN-.006-.008 SAND-TAN-.010-.012
61	224	CLAY-RED
224	242	SAND-TAN-.006-.008 SAND-TAN-.010-.012
242	296	CLAY-RED
296	322	SAND-WHITE-.010-.012
322	348	CLAY-RED CLAY-BLUE
348	360	BROKEN SAND & CLAY
360	385	SAND-WHITE-.006-.008 SAND-WHITE-.010-.012
385	388	CLAY-RED

9) CEMENTING DATA:
Cemented from No. of Sacks Used
0 FT. TO 360 FT. 61
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS
Distance to septic field lines: N/A ft.
Method of verification of above distance:
CITY SEWER

10) SURFACE COMPLETION:
SURFACE SLAB INST.

11) WATER LEVEL:
STATIC LEVEL : 217 FT. DATE: 09/28/00
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
K-PACKER	351
K-PACKER	352

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 315

14) WELL TEST:
JETTED
YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 388 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843, 2843, 2350
ADDRESS: P.O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TWC USE ONLY
WELL NO.
LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Carl Latta (LICENSED WATER WELL DRILLER)

(signed) (REGISTERED DRILLER TRAINEE)

4820125333

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 21 208 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 44 46 Longitude - 95 26 44 Source of Coords - 1

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - A.M.Parsons Driller - Layne Texas

Address _____ Tenant/Oper. _____
Date Drilled - / /1941 Depth - 437 ft. Source of Depth - Altitude - 63 ft. Source of Alt. -
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER Well Type - W User -

WELL CONSTRUCTION Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) Setting(feet) From To

LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages _____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 5

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- PUBLIC SUPPLY Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- Y Logs- Other Data-

WATER LEVELS Date- 01/18/1941 Measurement- -58.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -
REMARKS -
28 ft of screen between 386 and
434 ft. Reported yield 100 gpm with
40 ft drawdown when drilled.

Aquifer - 112CHCTL
Well No. - 65 21 208

Texas Water Development Board
Well Schedule

State Well Number 6521209 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294450 **Longitude** 952646 **Source of Coords** 2

Owner's Well No. **Location**

Owner
T. D. Anderson

Driller
Layne Texas Co.

Address **Tenant/Oper.**

Date Drilled / /1941 **Depth** 400 **Source of Depth** **Altitude** 63 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material**

Completion **Screen Material**

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to_____

LIFT DATA - **Pump Mfr. -** **Type -** TURBINE PUMP **No. Stages**

Bowls Diam - **in.** **Setting -** **ft.** **Column Diam. -** **in.**

Motor Mfr. - **Fuel or Power -** ELECTRIC MOTOR **Horsepower -**

YIELD Flow- **GPM** **Pump** **GPM** **Meas.,Rept.,Est.-** **Date-**

WATER USE **Primary -** DOMESTIC **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1941
-57

Recorded By **Date Record Collected or Updated -** 02/20/2003

Reporting Agency 01

REMARKS -
TWDB Report 178: Screen from 372 to 382 ft.
Yield: 100 gpm with 32 ft. drawdown when drilled.

Aquifer - 112CHCTL **ID -** 15

CHICOT AQUIFER,LOWER

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-21-210

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6521210
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.748889
Latitude (degrees minutes seconds)	29° 44' 56" N
Longitude (decimal degrees)	-95.446667
Longitude (degrees minutes seconds)	095° 26' 48" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCTL - Chicot Aquifer, Lower
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	63
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	424
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1940
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Turbine
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	J. P. Schumacher
Driller	Layne Texas Co.
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	2/20/2003
Last Update Date	2/20/2003

Remarks	TWDB Report 178: 31 ft. of screen between 359 and 408 ft. Yield: 130 gpm with 29 ft. drawdown when drilled.

Casing - No Data

Well Tests - No Data

Lithology - No Data

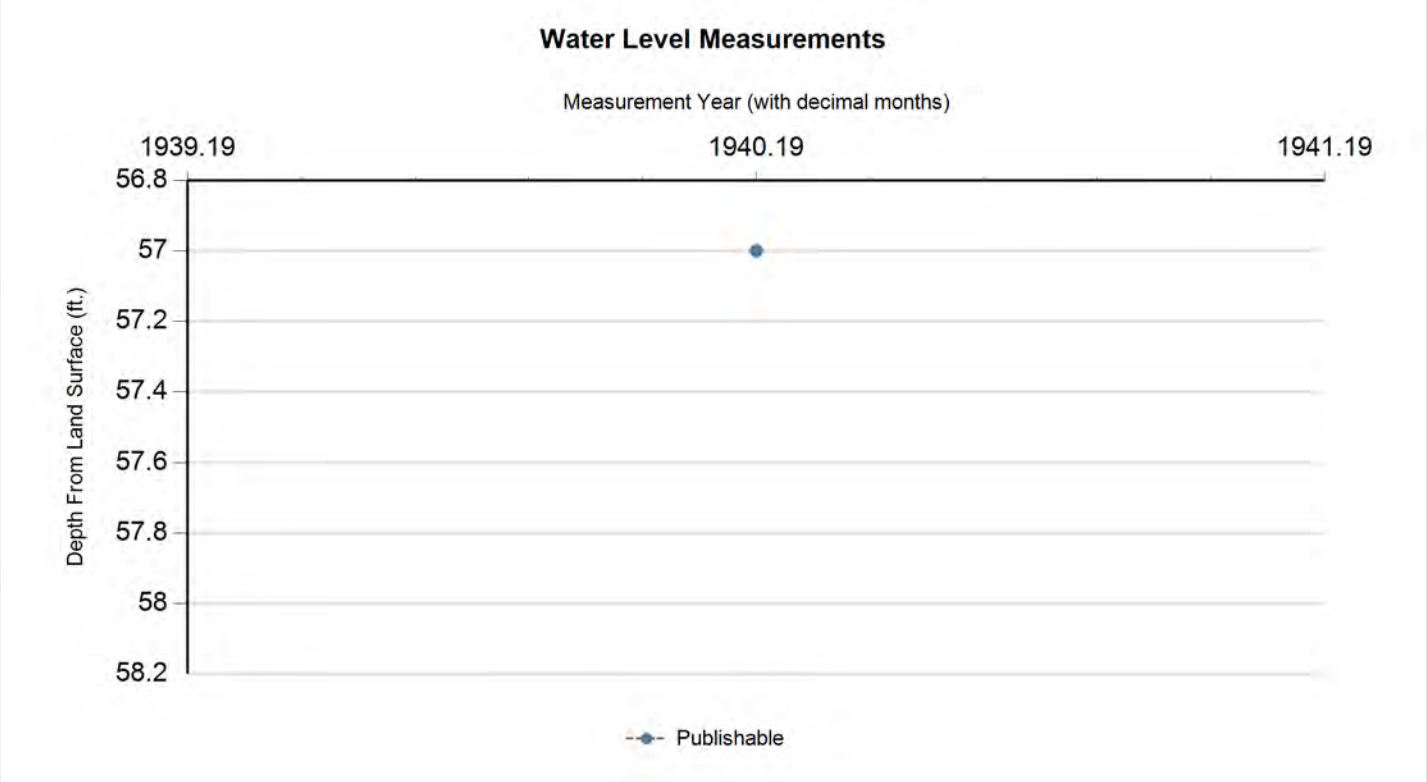
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	3/9/1940		57		6	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-21-211

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6521211
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.749445
Latitude (degrees minutes seconds)	29° 44' 58" N
Longitude (decimal degrees)	-95.444722
Longitude (degrees minutes seconds)	095° 26' 41" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCTL - Chicot Aquifer, Lowe
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	63
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	445
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1939
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Turbine
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Ray Smith
Driller	Layne Texas Co.
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	2/20/2003
Last Update Date	2/20/2003

Remarks	TWDB Report 178: 50 ft. of screen between 361 and 435 ft. Yield: 130 gpm with 42 ft. drawdown when drilled.

Casing - No Data

Well Tests - No Data

Lithology - No Data

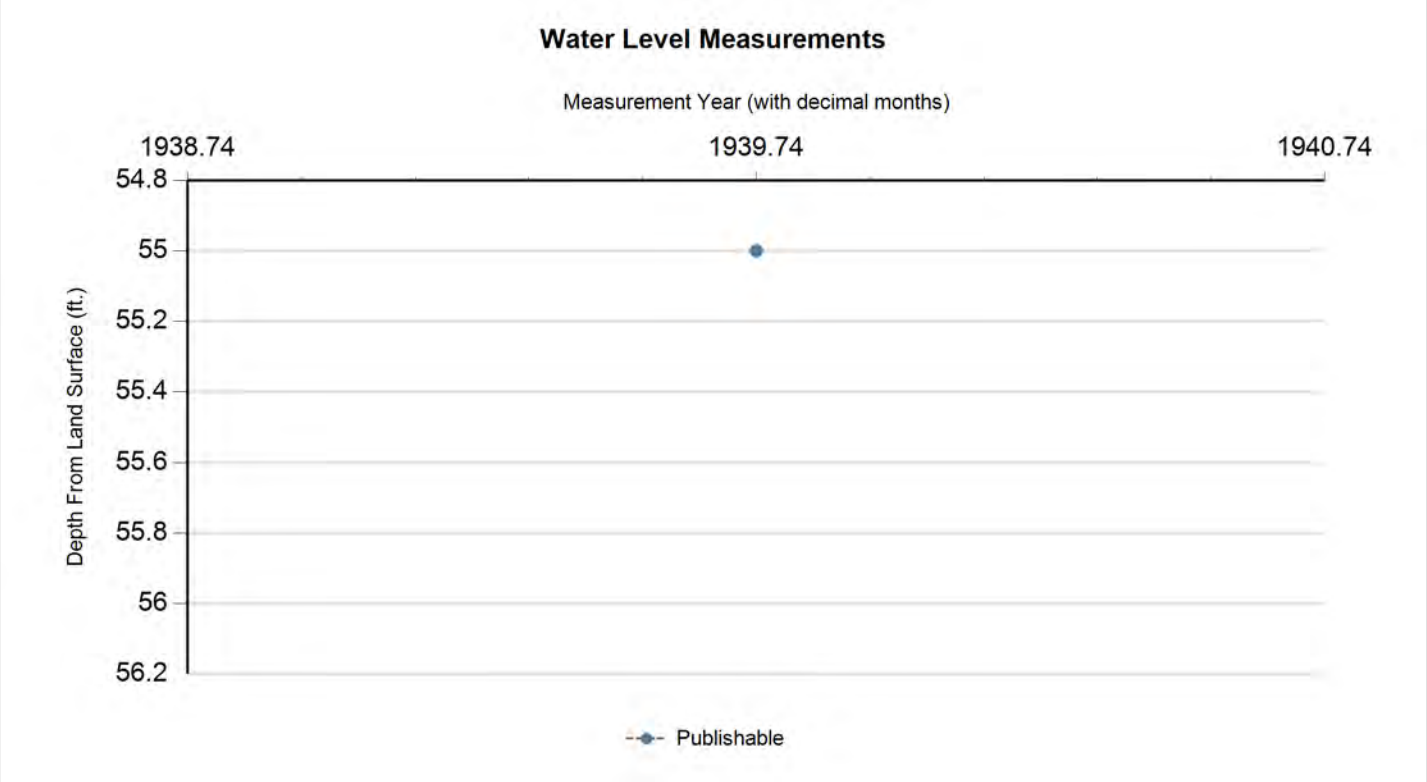
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	9/29/1939		55		8	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-21-212

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6521212
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.749445
Latitude (degrees minutes seconds)	29° 44' 58" N
Longitude (decimal degrees)	-95.444722
Longitude (degrees minutes seconds)	095° 26' 41" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCTL - Chicot Aquifer, Lowe
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	63
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	425
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1939
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Turbine
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	S. H. Davis
Driller	Layne Texas Co.
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	2/20/2003
Last Update Date	2/20/2003

Remarks	TWDB Report 178: Screen from 391 to 423 ft. Yield: 82 gpm with 36 ft. drawdown when drilled.

Casing - No Data

Well Tests - No Data

Lithology - No Data

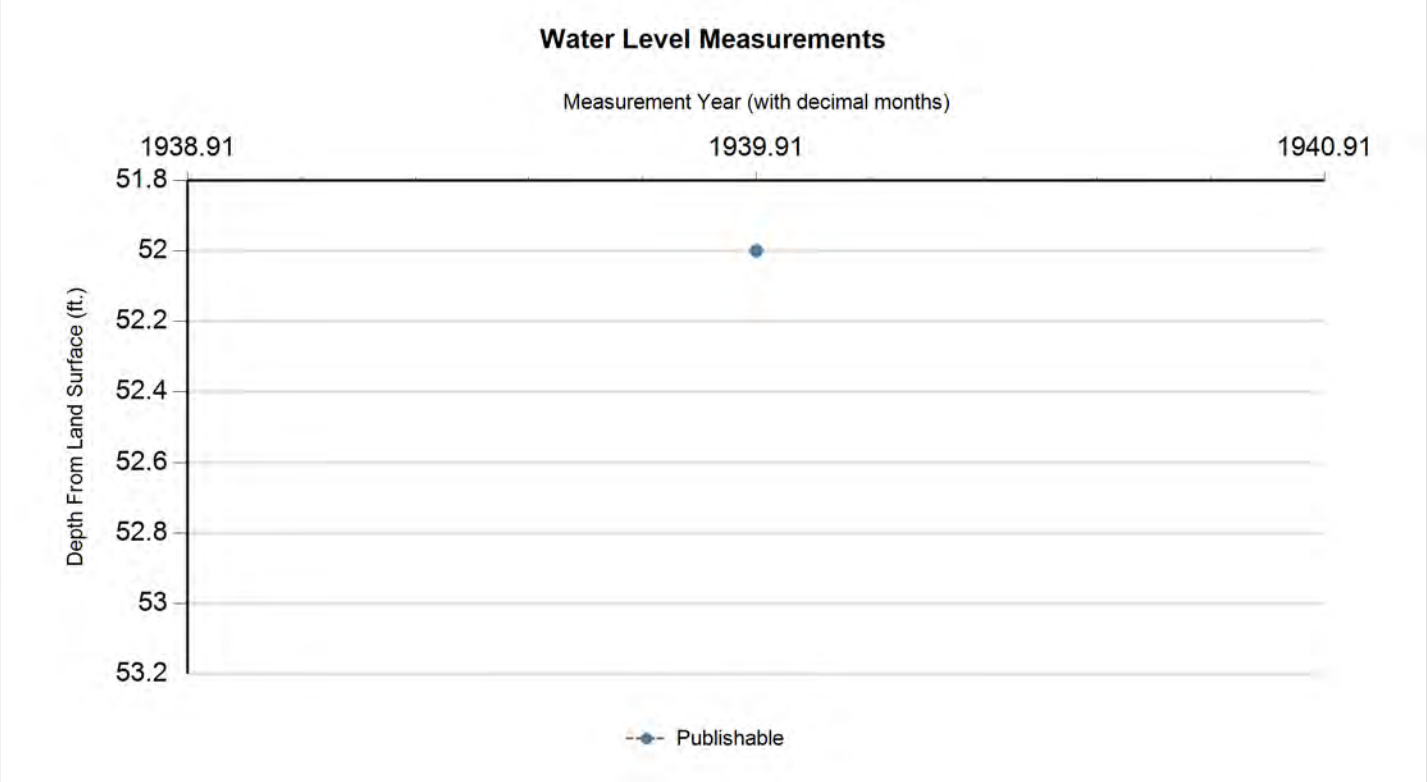
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	12/2/1939		52		11	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Texas Water Development Board
Well Schedule

State Well Number 6521207 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294452 **Longitude** 952649 **Source of Coords** 2

Owner's Well No. **Location**

Owner
M. S. McCoquodale

Driller
M. R. Pretty

Address **Tenant/Oper.**

Date Drilled / /1940 **Depth** 236 **Source of Depth** **Altitude** 63 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material**

Completion **Screen Material**

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from____to____

LIFT DATA - **Pump Mfr. -** **Type -** JET PUMP **No. Stages**

Bowls Diam - **in.** **Setting -** **ft.** **Column Diam. -** **in.**

Motor Mfr. - **Fuel or Power -** ELECTRIC MOTOR **Horsepower -**

YIELD Flow- **GPM** **Pump** **GPM** **Meas.,Rept.,Est.-** **Date-**

WATER USE **Primary -** DOMESTIC **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1940
-50

Recorded By _____ **Date Record Collected or Updated -** 02/20/2003

Reporting Agency 01

REMARKS -
TWDB Report 178: Screen from 215 to 236 ft.
Yield: 50 gpm when drilled.

Aquifer - 112CHCTU **ID -** 15

CHICOT AQUIFER,UPPER

STATE OF TEXAS WELL REPORT for Tracking #204233

Owner:	**R.B. Ratcliff Builders**	Owner Well #:	**Well Log #03078**
Address:	**4007 Inverness Houston, TX**	Grid #:	**65-13-8**
Well Location:	**4007 Inverness Houston, TX**	Latitude:	**29° 45' 02" N**
		Longitude:	**095° 26' 43" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **3/3/2006** Drilling End Date: **3/15/2006**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.5**	**0**	**350**
	4.875	**350**	**376**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Two-String / K-Packer**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**350**	**69**

Seal Method: **Pressure - Halliburton**

Sealed By: **AWWS**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **City Sewer**

Surface Completion: **Pitless Adapter Used**

Water Level: **203 ft.** below land surface on **2006-03-05** Measurement Method: **Unknown**

Packers: **K-Packer 341**
K-Packer 342

Type of Pump: **Submersible** Pump Depth (ft.): **296**

Well Tests: **Jetted** **Yield: 100 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**376**	**Not Tested**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Almeda Water Well Service**

P.O. Box 266
Manvel, TX 77578

Driller Name: **Carl Loftin** License Number: **2350**

Comments: **Proposed Use: Single Family Resid.**
$mew

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**2**	**Fill**
2	**3**	**Soil**
3	**10**	**Clay-Gray**
10	**14**	**Sand-Tan-.006-.008**
14	**40**	**Clay-Tan Clay-Red**
40	**54**	**Sand-Tan-.010-.012**
54	**57**	**Rock**
57	**125**	**Clay-Red Clay / Sand Streaks**
125	**138**	**Sand-Tan-.006-.008 Sand-Tan-.010-.012**
138	**224**	**Clay-Red**
224	**241**	**Sand-Tan-.006-.008 Sand-Tan-.010-.012**
241	**292**	**Clay-Red**
292	**316**	**Sand-White-.010-.012**
316	**344**	**Clay-Red**
344	**375**	**Sand-White-.010-.012**
375	**376**	**Clay**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5	**New**	**PVC SDR 17**	**0 - 350 Casing**
3	**New**	**PVC Sch.40**	**350 - 351 Liner**
3	**New**	**Johnson Super Flow**	**351 - 375 .010**
3	**New**	**PVC Sch.40**	**375 - 376 Liner**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

STATE OF TEXAS WELL REPORT for Tracking #219764

Owner:	**Wendi Grimes**	Owner Well #:	**No Data**
Address:	**3965 Del Monte Houston, TX 77019**	Grid #:	**65-21-2**
Well Location:	**Houston, TX 77019**	Latitude:	**29° 44' 54" N**
		Longitude:	**095° 26' 43" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Irrigation**

Drilling Start Date: **8/8/2009** Drilling End Date: **8/10/2009**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.5**	**0**	**366**
	4.875	**366**	**386**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **two string/K-Packer**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**366**	**75**

Seal Method: **Pressure-Haliburton**

Sealed By: **AWWS**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Surface Sleeve Installed**

Water Level: **210 ft.** below land surface on **2009-08-10** Measurement Method: **Unknown**

Packers: **K-Packer 351**
K-Packer 352

Type of Pump: **No Data**

Well Tests: **Jetted** **Yield: 150 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**386**	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Almeda Water Well**

PO Box 266
Manvel, TX 77578

Driller Name: **John A. Pyburn** License Number: **843**

Comments: **^NK**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**2**	**soil**
2	**44**	**clay-gray cla/sand streaks**
44	**70**	**sand-tan-.006-.008**
70	**124**	**clay-red clay-blue**
124	**151**	**sand-tan-.006-.008**
151	**223**	**clay-red**
223	**234**	**sand-tan-.006-.008 sand-tan-.010-.012**
234	**279**	**clay-red**
279	**287**	**sand-tan-.006-.008**
287	**301**	**clay-red clay-blue**
301	**323**	**sand-white-.006-.008**
323	**355**	**clay-red clay-blue**
355	**361**	**sand-white-.006-.008**
361	**365**	**broken sand and clay**
365	**386**	**sand-white-.006-.008**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5	**New**	**PVC SDR 17**	**0-366 casing**
3	**New**	**PVC SCH 40**	**351-366 liner**
3	**New**	**Johnson Super Flow**	**366-386 .006**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

STATE OF TEXAS WELL REPORT for Tracking #228021

Owner:	**Rosenthal, Gary**	Owner Well #:	**No Data**
Address:	**3929 Del Monte Houston, TX 77019**	Grid #:	**65-21-2**
Well Location:	**3929 Del Monte Houston, TX 77019**	Latitude:	**29° 44' 58" N**
		Longitude:	**095° 26' 36" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **8/9/2010** Drilling End Date: **8/11/2010**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**6.5**	**0**	**394**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**355**	**20 bags Cement**

Seal Method: **Pressure**

Sealed By: **ODCI**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Surface Sleeve Installed**

Water Level: **210 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **BP Valve 343 Ft**

Type of Pump: **Submersible** Pump Depth (ft.): **315**

Well Tests: **Jetted** **Yield: 35 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**32**	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **O'Day Drilling Company, Inc.**

5923 CR 931
Rosharon, TX 77583

Driller Name: **Marshall Bannert** License Number: **4111**

Apprentice Name: **Francisco Guiterrez** Apprentice Number: **56778**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	3	Top Soil
3	16	Clay
16	20	Sand
20	47	Clay
47	69	Sand
69	223	clay
223	244	Sand
244	310	Clay
310	331	Sand
331	355	Clay
355	387	Sand
387	388	Rock
388	393	Sand
393	394	Clay

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
4	New	PVC Well Casing	0-355 Ft WW
2.5	New	Galvanized Liner Pipe	343-364 Ft Sch 40
2.5	New	S/S Pipe Based Screen	364-394 Ft .006GA

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

65-13-6H

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-13-6H
Located on map YES
Received: TH

1) OWNER City of Houston (Name) Address P.O. Box 1562 (Street or RFD) Houston (City) Texas (State) 77001 (Zip)

2) LOCATION OF WELL:
County Harris 6 miles in N.N.W. (N.E., S.W., etc.) direction from Downtown Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description: 134 Norview St. Km452H
Section No. ____ Block No. ____ Township ____
Abstract No. ____ Survey Name ____
Distance and direction from two intersecting section or survey lines
100' E. of Well No. 65-13-305
XX See attached map.

3) TYPE OF WORK (Check):
XX New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☐ Domestic ☐ Industrial XX Public Supply ☐ Irrigation ☐ Test Well ☐ Other ____

5) DRILLING METHOD (Check):
XX Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other ____

6) WELL LOG:
Date drilled 10-79

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
12-1/4	Surface	1,850
30	0	702
34	702	1,300

From (ft.)	To (ft.)	Description and color of formation material
		SEE ATTACHED

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall XX Underreamed
XX Gravel Packed ☐ Other ____
If Gravel Packed give interval . . . from 702 ft. to 1,300 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
24	N	Steel	0	702	.500
18	N	Steel	623	702	.375
14	N	Steel	702	1300	.375
14	N	Howard Smith Co.	708	1288	.035
		Stainless Steel Wire			
		Wrapped Screen			
		Net 393 Ft.			

CEMENTING DATA
Cemented from 0 ft. to 702 ft.
Method used Pump & Plug
Cemented by Halliburton (Company or Individual)

9) WATER LEVEL:
Static level 402 ft. below land surface Date 10-79
Artesian flow None gpm. Date ____

10) PACKERS: Type Depth
NONE

11) TYPE PUMP:
XX Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other ____
Depth to pump bowls, cylinder, jet, etc., 540 ft.

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes XX No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? XXX Yes ☐ No

12) WELL TESTS:
☐ Type Test: XX Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 2204 gpm with 491 ft. drawdown after 48 hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME James O'Connor (Type or Print) Water Well Drillers Registration No. 999

ADDRESS 5931 Brittmoore Rd. (Street or RFD) Houston (City) Texas (State) 77041 (Zip)

(Signed) James O'Connor (Water Well Driller) LAYNE-WESTERN COMPANY, INC. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

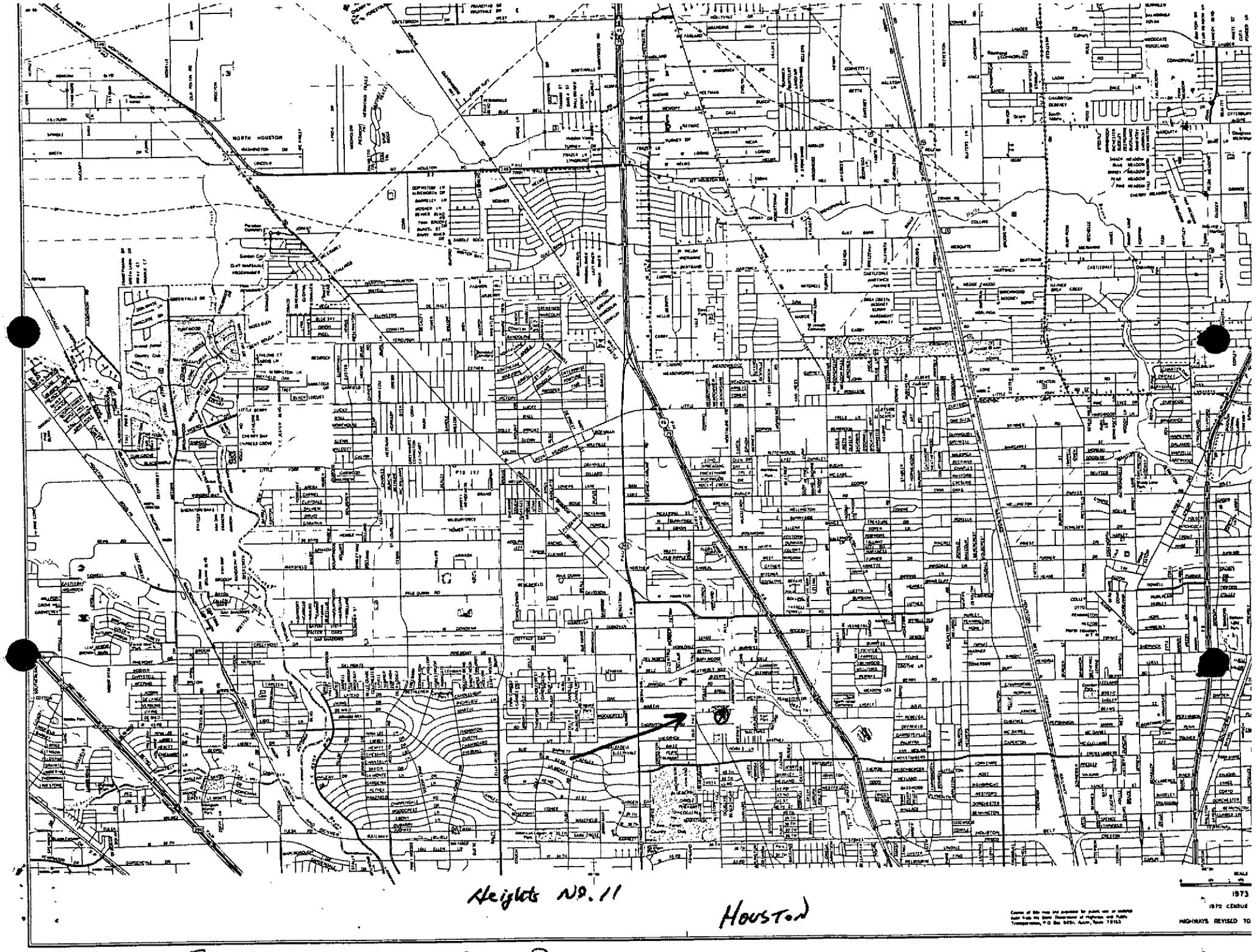
DEPARTMENT OF WATER RESOURCES COPY

DRILLER'S LOG

Job M-761
Layne-Western Company, Inc.
Sept. 1979

City of Houston
Well No. 11

0	
35	Clay Surface 36"
45	Sand
64	Clay
91	Sand & Clay strips
182	Sand
214	Clay & Sand Strips
350	Sand & Rock Break
400	Clay & Sand
450	Shale & Clay
535	Sand
565	Clay
600	Sand & Clay
755	Shale & Clay
778	Sand
810	Shale & Clay
842	Sand & Shale
881	Sand & Clay
1020	Sand & Shale
1290	Shale & Clay
1395	Sand
1435	Shale and Clay
1525	Sand & Shale



? No Well Report with this Map?

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 305 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 50 02 Longitude - 95 24 04 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston Heights
Driller - Texas Water Wells

Address _____ Tenant/Oper. _____
Date Drilled - / /1950 Depth - 1,780 ft. Source of Depth - Altitude - 74 ft. Source of Alt. -
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____
Completion - _____
Casing Material - _____
Screen Material - _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (
Open Hole (O)
Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To

LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 250

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- PUBLIC SUPPLY Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- H Quality- Y Logs- Other Data- AC

WATER LEVELS Date- 08/14/1950 Measurement- -159.50
Date- 02/09/1977 Measurement- -357.00

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -
REMARKS -
405 ft of screen between 700 and
1760 ft. Measured yield 2500 gpm
with 71 ft drawdown Aug.14,1950.
Well 11. Aquifer test data in TWDB
R-98.

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-305

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

-2-

MASTER CARD

Record by McAdoo Nofel & Gabrysch 1961 — Source of data: File — Date: 2-15-68 — Map: Houston Heights 1955 1:24000

State: Texas [48] — County (or town): Harris [LJ]

Latitude: 295001 N S — Longitude: 095240 03 — Sequential number: 1

Lat-long accuracy: L — T. ____ N S, R ____ E W, Sec ____, ____ k, ____ k, ____ k ____ B & M

Local well number: LJ-65-13-305 — Other number: #11

Local use: ____ — Owner or name: City of Houston

Owner or name: CITY OF HOUSTON — Address: Heights Plant

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist ____ [M]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mnd, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other ____ [P]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Exc, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [W]

DATA AVAILABLE: Well data [1] — Freq. W/L meas.: 1950 — Annual [S] — Field aquifer char. [ ]

Hyd. lab. data: ____ [ ]

Qual. water data; type: ____ [ ]

Freq. sampling: 8-18-50 [A] — Pumpage inventory: yes no, period: ____ [ ]

Aperture cards: ____ yes [ ]

Log data: E-Log (0-2441) T-8 [E]

WELL-DESCRIPTION CARD

[SAME AS ON MASTER CARD] Depth well: 1780 ft [1780] Meas. Rept Driller accuracy [3]

Depth cased (first perf.): 700 ft [700] Casing type: S; Diam. 24-12¾ in [24]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other ____ [G]

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other ____ [H]

Date Drilled: 4-19-50 [950] — Pump intake setting: ____ ft

Driller: Texas Water Wells Inc. Houston, Texas (name, address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other [T] — Deep / Shallow [D]

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 250 [W] — Trans. or meter no. ____

Descrip. MP: Top of 24" csg. 74.0 ft above / below LSD. Alt. MP ____

Alt. LSD: 74 [74] — Accuracy (source): Topo 5' [3]

Water Level: 163.62 ft above / below MP; Ft above / below LSD [160] — Accuracy: Meas [A]

Date meas.: 8-14-50 [850] — Yield: 2500 gpm [2500] — Method determined [4]

P/L = 235'

Drawdown: 71 ft [71] — Accuracy: meas. [D] — Pumping period: 96 hrs [96]

QUALITY OF WATER DATA: Iron ____ ppm — Sulfate ____ ppm — Chloride ____ ppm — Hard. ____ ppm

Sp. Conduct ____ K x 10^6 — Temp. ____ °F — Date sampled ____

Taste, color, etc.

Well No. LJ-65-13-305

Well No. LJ-65-13-305

Latitude-longitude 29 50 01 S095 24 03 1
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: Coastal Plain [0 3] (20–21) Section: _____

F (22) Drainage Basin: _____ [5 1 P] (23–25) Subbasin: _____ (24)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series [T] (28–29) _____ aquifer, formation, group [E] (30–31)

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: 405 ft [4 0 5] (38–40) Depth to top of: _____ ft (41–43)

MINOR AQUIFER: _____ system, _____ series (44–45) _____ aquifer, formation, group (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: * 700-1760

Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

Coefficient Trans: _____ gpd/ft [ ] (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)

* Screen

700-750	50
790-805	15
900-940	40
970-1070	100
1085-1105	20
1160-1200	40
1235-1300	65
1540-1570	30
1680-1700	20
1735-1760	25

TD = 1780.

Drill stem test

From:

1258-1301 - Cl - 80 ppm

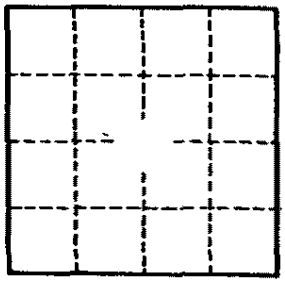
2277-2448 - Cl - 116 ppm

1745-1763 - Cl - 128 ppm

Csg.

24" 0-625'

12" 530-1780'



Well No. LJ-65-13-305

GPO 857-700

(11-74)

Water Resources Division
Austin, Texas

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 50 01	095 24 03	01

County code 201 County Harris

Well # LJ-65-13-305

Project number 4648-01000

Date 2-4-76 Time ____ Temp°C 26.0

Owner City of Houston

Address Heights #11

Date drld — WBF code 121EVGL

Sample interval: (top) 700 (bottom) 1760

Water level — Appr clear Use PS

Collector Nattel Yield — GPM

Smpld aftr pmpg amarrival Depth —

Pt of coll tap on discharge

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule T

Other ____

Herbicide ____ Insecticide ____

Remarks:

Type 2 (1) Station identification number 295001095240301 (2–15)

Y M D 760204 (17–22) Begin

Time of measurement ____ (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	7000	03	
Sample interval BOTTOM	72016	1760	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/1)	00300				
DO % Sat.	00301				
Temp °C	00010	2600	02		26.0
pH	00400	8000	01		8.0
Specific conductance	00095	5820	03		582
HCO_3	00440	2560	03		256
CO_3	00445	0000	01		0
Chloride (Cl)	00940	5100	02 (ones)		51
Sulfate (SO_4)	00945	1100	02		11
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Streptococci	31679				
BOD	00310				

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020967

Latitude ° ' "	Longitude ° ' "	Seq. No.
295001	0952403	01

County code 201 County HARRIS

Well # LJ-65-13-305

Project number 7-4648-01000

Date 2-9-77 Time _____ Temp°C 26.0

Owner City of Houston

Address Heights #11

Date drld 1950 WBF code 121 EVGL

Sample interval: (top) 700 (bottom) 1760

Water level _____ Appr Clear Use PS

Collector Butler Yield _____ GPM

Smpld aftr pmpg _____ Depth 1780

Pt of coll Tap on discharge

Field: Cond _____ pH _____ HCO_3 _____ DO _____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule _____

Other I

Herbicide _____ Insecticide _____

Remarks:

Type 2 (1) Station identification number 2950010952403 01 (2–16)

Y M D (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008	1780	04	
Yield (GPM)	00059			
Sample interval TOP	72015	7000	03	
Sample interval BOTTOM	72016	1760	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2600	02		26.0
pH	00400	7900	01		7.9
Specific conductance	00095	5770	03		577
HCO_3	00440	2580	03		258
CO_3	00445	0000	01		0
Chloride (Cl)	00940	5200	02		52
Sulfate (SO_4)	00945	1000	02		10
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31625				
Strep-tococci	31673				
BOD	00310				

Water Quality Data Bank
Austin, Texas

Latitude ° ' "	Longitude ° ' "	Seq. No.
295001	095240	301

County code 101 County Harris

Well # LJ-65-13-305

Project number T-4648-01000

Date 9-17-76 Time 1030 Temp°C 7

Owner City of Houston

Address Heights #11

Date drld — WBF code 121 Eval

Sample interval: (top) 700 (bottom) 1760

Water level — Appr Clear Use PS

Collector Bryant Yield _____ GPM

Smpld aftr pmpg on arrival Depth —

Pt of coll tap on discharge

Field: Cond — pH — HCO_3 — DO —

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

td chem schedule I

Other

Herbicide _____ Insecticide _____

Remarks:

Type 2 (1) Station identification number 295001095240301 (2–16)

Y M D: 760917 (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	7000	03	
Sample interval BOTTOM	72016	1760	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010				
pH	00400	7700	01		7.7
Specific conductance	00095	6090	03		609
HCO_3	00440	2680	03		268
CO_3	00445	0000	01		0
Chloride (Cl)	00940	5900	02		59
Sulfate (SO_4)	00945	9600	01		9.6
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

(11-74)

Water Resources Division
Austin, Texas

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 50 01	095 24 03	01

County code 201 County Harris

Well # LJ-65-13-305

Project number 5-4648-01000

Date 2-3-75 Time ____ Temp°C 26.0

Owner City of Houston

Address Heights #11

Date drld 4-19-50 WBF code 12/EV66

Sample interval: (top) 700 (bottom) 1760

Water level ____ Appr ____ Use PS

Collector Naftel Yield ____ GPM

Smpld aftr pmpg on ppr. Depth 1780

Pt of coll tap on pipe

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I+SO4

Other ____

Herbicide ____ Insecticide ____

Remarks:

Type 2 (1) Station identification number 29501095240301 (2–16)

Y M D: 75 02 03 (17–22) Begin

Time of measurement ____ (29–32)

	Parameter code	Value	Exp.	Rmk	
Depth	72008	1780	04		
Yield (GPM)	00059				
Sample interval TOP	72015	7000	03		
Sample interval BOTTOM	72016	1760	04		

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2600	02		26.0
pH	00400	8100	01		8.1
Specific conductance	00095	6040	03		604
HCO_3	00440	2680	03		268
CO_3	00445	0000	01		0
Chloride (Cl)	00940	5600	02	Solvic	56
Sulfate (SO_4)	00945	1100	02		11
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-324

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513324
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.833889
Latitude (degrees minutes seconds)	29° 50' 02" N
Longitude (decimal degrees)	-95.401112
Longitude (degrees minutes seconds)	095° 24' 04" W
Coordinate Source	+/- 1 Second
Aquifer Code	121EVGL - Evangeline Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	74
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	1290
Well Depth Source	Driller's Log
Drilling Start Date	
Drilling End Date	0/0/1979
Drilling Method	Mud (Hydraulic) Rotary
Borehole Completion	Screened

Well Type	Withdrawal of Water
Well Use	Public Supply
Water Level Observation	USGS Current Observation Well
Water Quality Available	Yes
Pump	Turbine
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	City of Houston Heights # 11A
Driller	Layne-Western
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	U.S. Geological Survey
Created Date	8/22/1996
Last Update Date	8/22/1996

Remarks	

Casing - No Data

Well Tests - No Data

Lithology - No Data

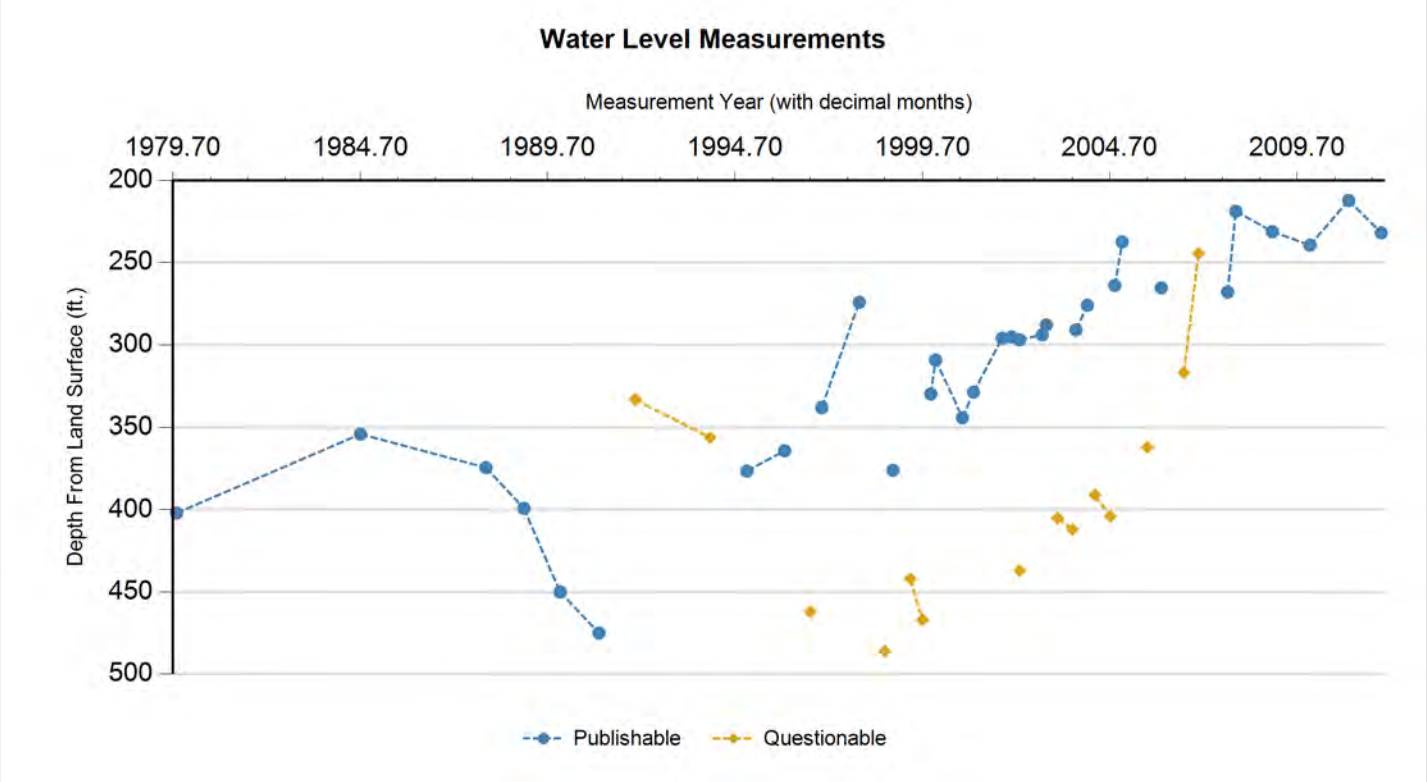
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	10/21/1979		402		-328	1	U.S. Geological Survey	Steel Tape		
P	9/18/1984		354	(48.00)	-280	1	U.S. Geological Survey	Steel Tape		
P	1/19/1988		374.37	20.37	-300.37	1	U.S. Geological Survey	Steel Tape		
P	1/24/1989		399.14	24.77	-325.14	1	U.S. Geological Survey	Steel Tape		
P	1/11/1990		450	50.86	-376	1	U.S. Geological Survey	Air Line		
P	1/25/1991		475	25.00	-401	1	U.S. Geological Survey	Steel Tape		
Q	1/13/1992		333.15	(141.85)	-259.15	1	U.S. Geological Survey	Steel Tape	4	
Q	1/13/1994		356	22.85	-282	1	U.S. Geological Survey	Air Line	4	
P	1/5/1995		376.46	20.46	-302.46	1	U.S. Geological Survey	Steel Tape		
P	1/8/1996		364.09	(12.37)	-290.09	1	U.S. Geological Survey	Steel Tape		
Q	9/19/1996		462	97.91	-388	1	U.S. Geological Survey	Electric Line	2	
P	1/6/1997		337.99	(124.01)	-263.99	1	U.S. Geological Survey	Steel Tape		
P	1/5/1998		274.15	(63.84)	-200.15	1	U.S. Geological Survey	Steel Tape		
Q	9/16/1998		486	211.85	-412	1	U.S. Geological Survey	Air Line	2	
P	12/3/1998		376	(110.00)	-302	1	U.S. Geological Survey	Air Line		
Q	5/19/1999		442	66.00	-368	1	U.S. Geological Survey	Air Line	2	
Q	9/15/1999		467	25.00	-393	1	U.S. Geological Survey	Air Line	2	
P	12/7/1999		330	(137.00)	-256	1	U.S. Geological Survey	Air Line		
P	1/18/2000		309.31	(20.69)	-235.31	1	U.S. Geological Survey	Steel Tape		
P	1/18/2000		309	(0.31)	-235	2	U.S. Geological Survey	Air Line		
P	10/10/2000		344	35.00	-270	1	U.S. Geological Survey	Air Line		

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-324

Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	1/23/2001		328.86	(15.14)	-254.86	1	U.S. Geological Survey	Steel Tape		
P	11/2/2001		296	(32.86)	-222	1	U.S. Geological Survey	Air Line		
P	11/2/2001		294.15	(1.85)	-220.15	2	U.S. Geological Survey	Steel Tape		
P	1/29/2002		295.32	1.17	-221.32	1	U.S. Geological Survey	Steel Tape		
P	4/17/2002		297	1.68	-223	1	U.S. Geological Survey	Air Line		
Q	4/17/2002		437	140.00	-363	2	U.S. Geological Survey	Air Line	2	
P	11/27/2002		294	(143.00)	-220	1	U.S. Geological Survey	Steel Tape		
P	1/2/2003		287.96	(6.04)	-213.96	1	U.S. Geological Survey	Steel Tape		
Q	4/23/2003		405	117.04	-331	1	U.S. Geological Survey	Steel Tape	2	
Q	9/15/2003		412	7.00	-338	1	U.S. Geological Survey	Steel Tape	2	
P	10/21/2003		291	(121.00)	-217	1	U.S. Geological Survey	Steel Tape		
P	2/6/2004		276	(15.00)	-202	1	U.S. Geological Survey	Steel Tape		
Q	4/21/2004		391	115.00	-317	1	U.S. Geological Survey	Steel Tape	2	
Q	9/21/2004		404	13.00	-330	1	U.S. Geological Survey	Steel Tape	2	
P	11/4/2004		264	(140.00)	-190	1	U.S. Geological Survey	Air Line		
P	1/11/2005		237.43	(26.57)	-163.43	1	U.S. Geological Survey	Steel Tape		
Q	9/16/2005		362	124.57	-288	1	U.S. Geological Survey	Air Line	2	
P	1/26/2006		265.39	(96.61)	-191.39	1	U.S. Geological Survey	Steel Tape		
Q	9/6/2006		317	51.61	-243	1	U.S. Geological Survey	Air Line	2	
Q	1/24/2007		244.41	(72.59)	-170.41	1	U.S. Geological Survey	Steel Tape	4	
P	11/8/2007		268	23.59	-194	1	U.S. Geological Survey	Air Line		
P	1/22/2008		218.82	(49.18)	-144.82	1	U.S. Geological Survey	Steel Tape		
P	1/13/2009		231.21	12.39	-157.21	1	U.S. Geological Survey	Steel Tape		
P	1/14/2010		239.46	8.25	-165.46	1	U.S. Geological Survey	Steel Tape		
P	1/26/2011		212.23	(27.23)	-138.23	1	U.S. Geological Survey	Steel Tape		
P	12/13/2011		231.9	19.67	-157.9	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable
Q	Questionable

Remark ID	Remark Description
2	Pumping-level measurement
4	Well pumped recently

Water Quality Analysis

Sample Date: 9/1/1993 **Sample Time:** 1600 **Sample Number:** 1 **Collection Entity:**

Sampled Aquifer: Evangeline Aquifer

Analyzed Lab: **Reliability:**

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00940	CHLORIDE, TOTAL (MG/L AS CL)		46	mg/L	
00400	PH (STANDARD UNITS), FIELD		7.7	SU	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		566	MICR	
00010	TEMPERATURE, WATER (CELSIUS)		26	C	

Water Quality Analysis

Sample Date: 9/20/1994 **Sample Time:** 1410 **Sample Number:** 1 **Collection Entity:** U.S. Geological Survey

Sampled Aquifer: Evangeline Aquifer

Analyzed Lab: U.S. Geological Survey Lab **Reliability:** Sampled using TWDB protocols

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00941	CHLORIDE, DISSOLVED (MG/L AS CL)		50	mg/L	
00400	PH (STANDARD UNITS), FIELD		7.3	SU	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		556	MICR	
00010	TEMPERATURE, WATER (CELSIUS)		27	C	

Water Quality Analysis

Sample Date: 9/13/1995 **Sample Time:** 1400 **Sample Number:** 1 **Collection Entity:** U.S. Geological Survey

Sampled Aquifer: Evangeline Aquifer

Analyzed Lab: U.S. Geological Survey Lab **Reliability:** From a report; unknown sample collection & preservation

Collection Remarks: U S G S Water-Data R. TX-95-4

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00940	CHLORIDE, TOTAL (MG/L AS CL)		48	mg/L	
00400	PH (STANDARD UNITS), FIELD		7.6	SU	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		560	MICR	
00010	TEMPERATURE, WATER (CELSIUS)		27	C	

Water Quality Analysis

Sample Date: 9/19/1996 **Sample Time:** 1010 **Sample Number:** 1 **Collection Entity:** U.S. Geological Survey

Sampled Aquifer: Evangeline Aquifer

Analyzed Lab: U.S. Geological Survey Lab **Reliability:** From a report; unknown sample collection & preservation

Collection Remarks: USGS Water Data Rpt. TX-96-4

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00940	CHLORIDE, TOTAL (MG/L AS CL)		47	mg/L	
00400	PH (STANDARD UNITS), FIELD		7.7	SU	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		547	MICR	
00010	TEMPERATURE, WATER (CELSIUS)		27	C	

Water Quality Analysis

Sample Date: 9/16/1998 **Sample Time:** 1215 **Sample Number:** 1 **Collection Entity:** U.S. Geological Survey

Sampled Aquifer: Evangeline Aquifer

Analyzed Lab: U.S. Geological Survey Lab **Reliability:** From a report; unknown sample collection & preservation

Collection Remarks: USGS Water-Data Report TX-98-4

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00940	CHLORIDE, TOTAL (MG/L AS CL)		41	mg/L	
00400	PH (STANDARD UNITS), FIELD		7.4	SU	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		508	MICR	
00010	TEMPERATURE, WATER (CELSIUS)		26	C	

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Joe Knice	7677 Harms	Houston	TX	77040

2) WELL LOCATION

County	Physical Address	City	State	Zip
Harris	5711 Acoin	Houston	TX	77092

Lat. 29 56 349 Long. 095 38 349 Grid # 65-03-6

3) Type of Work
☒ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☒ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply
If Public Supply well, were plans submitted? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 4/17/02
Completed 4/18/02

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
7½	0	250
3½	250	270

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft)	To (ft)	Description and color of formation material
0	45	clay
45	80	sand
80	105	Rock & sand
105	180	clay
180	270	sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other 2-strings
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
4	N	PVC sch.40	0	250	
2½	N	PVC Blank	245	250	
2½	N	PVC slotted	250	270	.75

9) Cementing Data
Cementing from 0 ft. to 250 ft. # of sacks used 38
ft. to ft. # of sacks used
Method Used pumped + poured
Cementing By Oil Tex
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

10) Surface Completion
☐ Specified Surface Slab Installed
☒ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

TDLR MAIL ROOM
JUL 15 2002
RECEIPT # AMOUNT

11) Water Level
Static level 100 ft. below Date 4/18/02
Artesian Flow gpm. Date / /

12) Packers Type Depth
K-packer 245'

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Type Pump
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc., 220 ft.

15) Water Test
Typetest ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: 50 gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☒ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made ☐ Yes ☒ No

Company or individual's Name (type or print)	Chucks W. W.	Lic. No. 50170 WPK
Address 30010 Rosebud	City Magnolia	State TX Zip 77354

Signature Licensed Driller/Pump Installer	Date 4/18/02	Signature Apprentice	Date / /

#29

65.13.70

Send original copy by certified mail to the
Texas Water Development Board
P. O. Box 12386
Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No.
Located on map
Received:

1) OWNER:
Person having well drilled Frank McFadden (Name) Address 8415 Bobbart (Street or RFD) Hou (City) Texas (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris, 7 miles in NW (N.E., S.W., etc.) direction from Houston (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well — Deepening — Reconditioning — Plugging

4) PROPOSED USE (Check):
Domestic — Industrial — Municipal — Irrigation — Test Well — Other

5) TYPE OF WELL (Check):
Rotary — Driven — Dug — Cable — Jetted — Bored

6) WELL LOG:
Diameter of hole 6¾ in. Depth drilled 250 ft. Depth of completed well 281 ft. Date drilled 4/17/72

All measurements made from +1 ft ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material

9) Casing:
Type: Old — New — Steel — Plastic — Other
Cemented from 250 up ft. to Bop Cent ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4"	250	+1	40

10) SCREEN:
Type Plastic Well Supplies
Perforated — Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
3½	271	281	14

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall — Gravel packed — Other
Under reamed — Open Hole

8) WATER LEVEL:
Static level 154 ft. below land surface Date 4/19/72
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., ~~[illegible]~~ 231 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes — No — If yes, by whom? Raymond Well
Yield: 980 gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes — No
Did any strata contain undesirable water? Yes — No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME C A Raymond Jr (Type or Print) Water Well Drillers Registration No. 774

ADDRESS 132 Raymond (Street or RFD) Houston (City) Texas (State)

(Signed) C A Raymond Jr (Water Well Driller) Raymond Water Wells (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBL-CW-53

4820107540

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

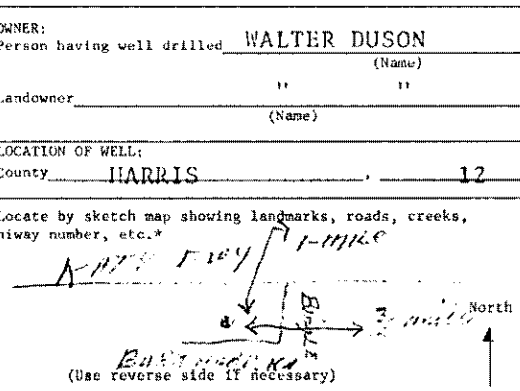
For TWDB use only
Well No.
Located on map
Received:

1) OWNER:
Person having well drilled WALTER DUSON (Name) Address 8501 BURKHART RD, HOUSTON, TEX. (Street or RFD) (City) (State)

Landowner " " (Name) Address 5140 " CHEVY CHASE, " HOUSTON, TEXAS (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS, 12 miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*



(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor LOT #4 A E BURKHARDT PARTITION Ledge

Block Survey

Abstract No.

(NW¼ NE¼ SW¼ SE¼) of Section

3) TYPE OF WORK (Check): New Well X, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check): Domestic X, Industrial, Municipal, Irrigation, Test Well, Other

5) TYPE OF WELL (Check): Rotary X, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 5 1/2 in. Depth drilled 60 ft. Depth of completed well 46 ft. Date drilled 2-28-71

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top soil
3	22	Gray clay
22	30	White sand
30	34	Red clay
34	46	Brown sand
46	60	Red clay

(Use reverse side if necessary)

9) Casing:
Type: Old, New X, Steel X, Plastic, Other

Cemented from ft. to ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
3	0	36	Standard

10) SCREEN:
Type Plastic

Perforated, Slotted X

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
3	36	46	8

7) COMPLETION (Check):
Straight wall X, Gravel packed, Other, Under reamed, Open Hole

8) WATER LEVEL:
Static level 22 ft. below land surface Date 2-28-71

Artesian pressure lbs. per square inch Date

Depth to pump bowls, cylinder, jet, etc., 30 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes, No X If yes, by whom?

Yield: gpm with ft. drawdown after hrs.

Bailer test gpm with ft. drawdown after hrs.

Artesian flow gpm

Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes, No X

Did any strata contain undesirable water? Yes, No

Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B. LUMPKIN, JR. (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 7507 JANAK DRIVE (Street or RFD) HOUSTON, TEXAS (City) (State)

(Signed) John B. Lumpkin Jr. (Water Well Driller) LONG POINT WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

4820110905

6F

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-6F
Located on map yes
Received: 70
dlr

1) OWNER:
Person having well drilled Henry Burkhardt (Name) Address Rt. 1, Box 77, Coldsprings, Texas 77331 (Street or RFD) (City) (State)

Landowner Same (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL: 8502 Burkhardt Rd. (Spring Branch)
County Harris, ____ miles in ____ direction from ____ (N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.
Labor Tract 3 - - 1.561 Acres League ____
Block ____ Survey A.H.Osborne
Abstract No. 610, Vol. 1163, Pg. 341
(NW¼ NE¼ SW¼ SE¼) of Section ____

3) TYPE OF WORK (Check): (New Well) Deepening Reconditioning Plugging

4) PROPOSED USE (Check): (Domestic) Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): (Rotary) Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 3/4 in. Depth drilled 283 ft. Depth of completed well 283 ft. Date drilled 5/70
All measurements made from 3 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	40	Sand
40	120	Shale
120	161	Sand
161	245	Shale
245	283	Sand

(Use reverse side if necessary)

9) Casing:
Type: Old (New) (Steel) Plastic Other
Cemented from ____ ft. to ____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4	0	273	#30

10) SCREEN:
Type Wrapped on Pipe Plastic Screen
Perforated Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
4½	273	283	.014

7) COMPLETION (Check):
(Straight wall) Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 160 ft. below land surface Date 5/70
Artesian pressure ____ lbs. per square inch Date ____
Depth to pump bowls, cylinder, jet, etc., 252 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes (No) If yes, by whom?
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.
Bailer test ____ gpm with ____ ft. drawdown after ____ hrs.
Artesian flow ____ gpm
Temperature of water ____

12) WATER QUALITY:
Was a chemical analysis made? Yes (No)
Did any strata contain undesirable water? Yes (No)
Type of water? Good depth of strata 38'

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Melvin W. Hildebrandt (Type or Print) Water Well Drillers Registration No. 932

ADDRESS P. O. Box 607, Spring, Texas 77373 (Street or RFD) (City) (State)

(Signed) Melvin W. Hildebrandt (Water Well Driller) HILDEBRANDT SERVICES (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

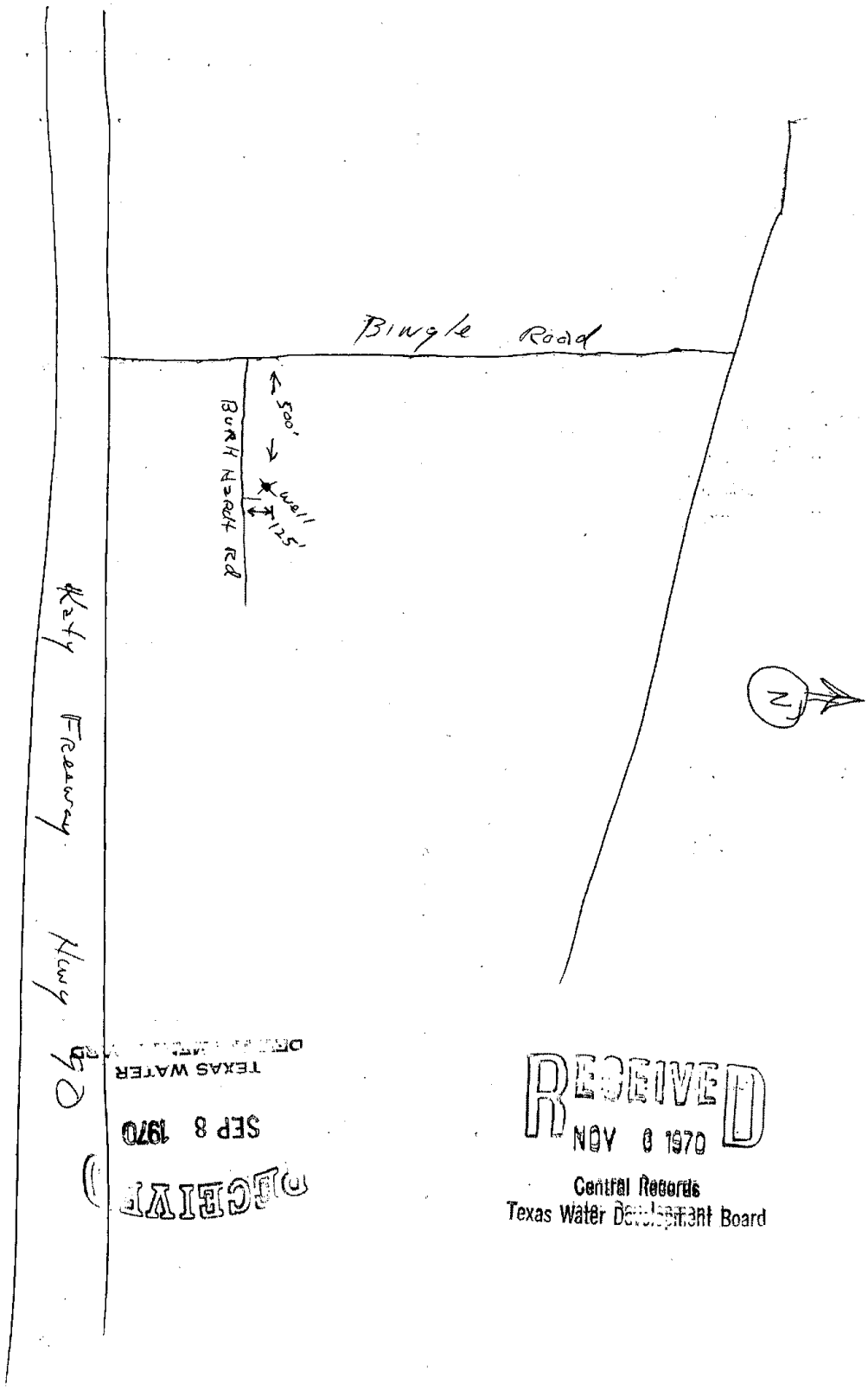
2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area. e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.



RECEIVED
SEP 8 1970
TEXAS WATER DEVELOPMENT BOARD

RECEIVED
NOV 6 1970
Central Records
Texas Water Development Board

6T

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-12-6T
Located on map yes
Received: 25
dlr

1) OWNER:
Person having well drilled M. LEMMONS (Name) Address 8401 BURKHART HO. TEX. (Street or RFD) (City) (State)

Landowner SAME (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS, 1 miles in WEST (N.E., S.W., etc.) direction from HO. TEX. (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

BURKHART
I-H-10 | SPRING VALLEY
North
E-3

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
~~New~~ Well, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check):
~~Domestic~~, Industrial, Municipal, Irrigation, Test Well, Other

5) TYPE OF WELL (Check):
~~Rotary~~, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 6½ in. Depth drilled 315 ft. Depth of completed well 315 ft. Date drilled 10-2-74
All measurements made from 1 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	38	Clay
38	50	Sand
50	120	Clay
120	130	Sand
130	245	Clay
245	252	Sand
252	298	Clay
298	315	Sand

(Use reverse side if necessary)

9) Casing:
Type: Old, ~~New~~, ~~Steel~~, Plastic, Other
Cemented from 0 ft. to 294 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4	0	294	

10) SCREEN:
Type STAINLESS STEEL
Perforated, ~~Slotted~~

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2½	305	315	12

7) COMPLETION (Check):
Straight wall, Gravel packed, ✓ Other LEAD SEAL
Under reamed, Open Hole

8) WATER LEVEL:
Static level 168 ft. below land surface Date 10-2-74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 252 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes ~~No~~ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes ~~No~~
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A.R. HENDON (Type or Print) Water Well Drillers Registration No. 334

ADDRESS 14605 REEVESTON (Street or RFD) HO. (City) TEX. (State)

(Signed) A. R. Hendon (Water Well Driller) H&H WATER WELL DRILLING (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

WL # 45

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-12-6AA
Located on map YES
Received: C.F.S.

1) OWNER Mrs. Ed Spriggs (Name) Address 8514 Burkhart (Street or RFD) Houston (City) Tx. (State) 77055 (Zip)

2) LOCATION OF WELL: 8514 Burkhart
County Harris 10 miles in W (N.E., S.W., etc.) direction from HOUSTON (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ See attached map. map on 60-59-7EE

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 9-30-82

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	353

From (ft.)	To (ft.)	Description and color of formation material
0	17	Top Soil + Clay
17	30	Surface Sand
30	255	Clay
255	276	Sand
276	337	Clay
337	353	Sand

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	P.V.C.	0	340	
2	N	Galv. Steel	336	343	
2	N	P.V.C.	343	353	.016

CEMENTING DATA
Cemented from 290 ft. to 340 ft.
Method used Haliburton
Cemented by Bussell + Son, Inc. (Company or Individual)

9) WATER LEVEL:
Static level 245 ft. below land surface Date 9-31-82
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 294 ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

RECEIVED SEP 12 1983 DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Craig O. Bussell (Type or Print) Water Well Drillers Registration No. 2035
ADDRESS P.O. Box 874 (Street or RFD) Tomball (City) Tx. (State) 77375 (Zip)
(Signed) Craig Bussell (Water Well Driller) Bussell + Son, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

KM451J

No Map

Send original copy by certified mail to: **Texas Water Commission, P.O. Box 13087, Austin, Texas 78711**

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER Monarch Paint Co. (Name) ADDRESS 3530 Lang Rd (Street or RFD) Houston (City) Tex. (State) (Zip)

2) LOCATION OF WELL: County HARRIS, 5 miles in NW. (NE, SW, etc.) direction from Houston (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☑ SEE ATTACHED MAP (3) on 65-05-14

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☑ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 1-23 1990 Completed 1-24 1990

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
7	Surface	380
5	380	400

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0-33	C	
33-38	S	
38-112	C	
112-131	S	
131-212	C	
212-235	S	
235-255	C	
255-261	S	
261-275	C	
275-281	S	
281-296	C	
296-400	S	

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5	N	PVC	0	380	Sch 80
2½	N	PVC w/c wrapped	380	400	10

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 10 ft. No. of Sacks Used 5
380 ft. to 380 ft. No. of Sacks Used 8
Method used _____
Cemented by _____

10) SURFACE COMPLETION
☑ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level 238 ft. below land surface Date 1-24-90
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth

13) TYPE PUMP: ☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did the drilling penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

RECEIVED APR 5 1990 TEXAS WATER COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Lowe Water Wells Inc (Type or print) WELL DRILLER'S LICENSE NO. 1182

ADDRESS P.O. Box 89 (Street or RFD) Porter (City) Texas (State) 77365 (Zip)

Signed) Lowe L. Lowe (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 65154 Located on map _____

D-012 (Rev. 09/21/88) TEXAS WATER COMMISSION COPY

4820111043

(8)

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-13-4V
Located on map YES
Received: TH

1) OWNER Monarch Paint Co. (Name) Address 3530 Lang Rd. (Street or RFD) Houston (City) Texas (State) (Zip)

2) LOCATION OF WELL: County Harris, 7 miles in S.E. (N.E., S.W., etc.) direction from Jersey Village (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

1

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☑ See attached map. Mapon 65-02-8L

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 3/27/80

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6½	Surface	331

From (ft.)	To (ft.)	Description and color of formation material
0	8	blackland
8	30	red + gray clay
30	54	red clay + sand strips
54	113	red + gray clay
113	128	fine sand
128	217	red + gray clay
217	218	rock
218	236	coarse sand
236	272	red + gray clay
272	286	coarse sand
286	300	red + gray clay
300	317	rock, shell + sand
317	331	coarse sand

(Use reverse side if necessary)

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☑ Other Cemented
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4"	New	Plastic Casing	0	320	40
2½"	New	Plastic Screen	326	331	12

CEMENTING DATA
Cemented from 320 ft. to 150 ft.
Method used Pressurized
Cemented by Ind. (Company or Individual)

9) WATER LEVEL:
Static level 240 ft. below land surface Date 3/28/80
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth
2½"x4" R+R 3 Ring 316'

11) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., ——— ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Fresh Depth of strata 14'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Bobby Potter (Type or Print) Water Well Drillers Registration No. 1872

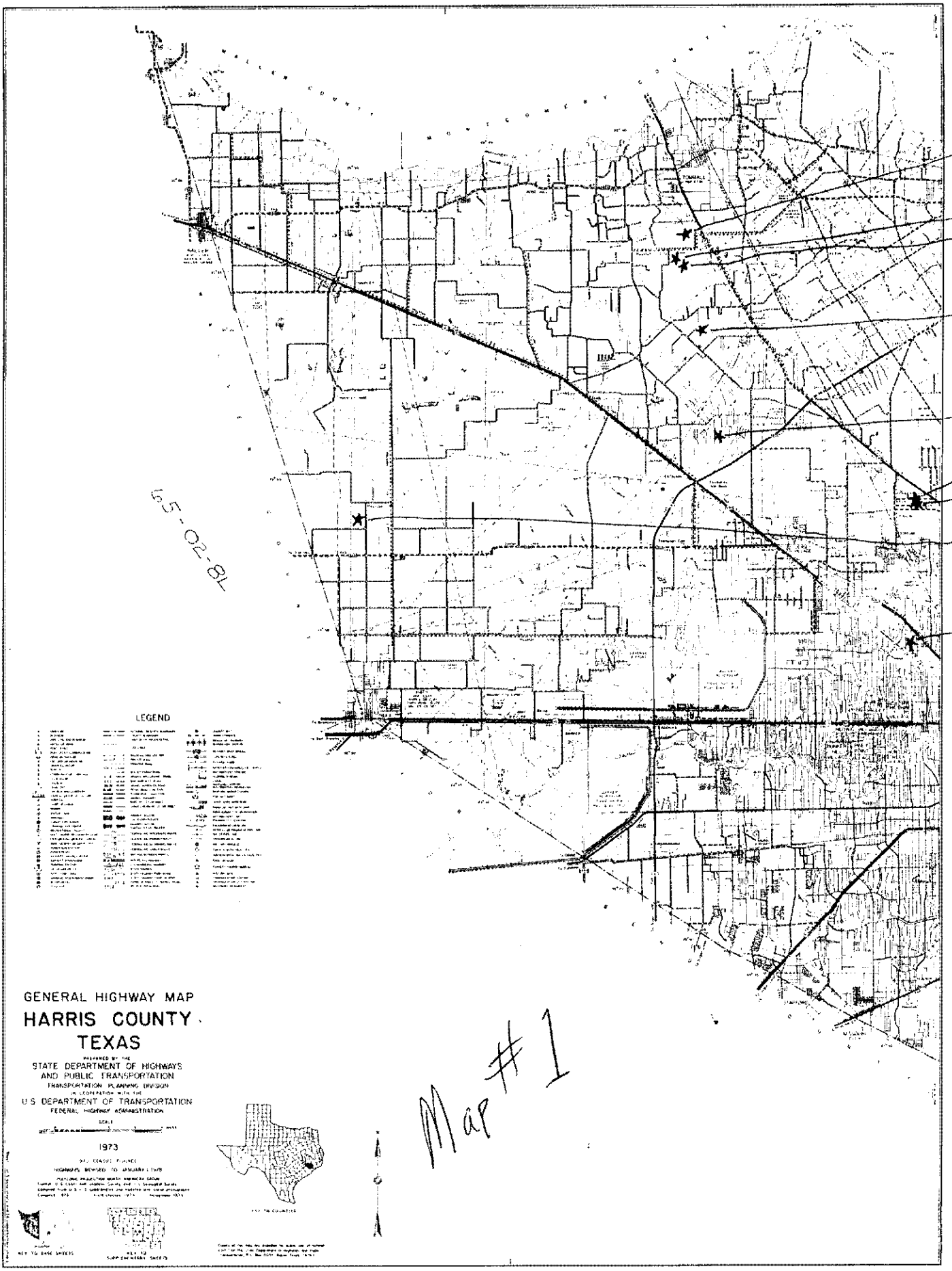
ADDRESS 5717 Chippewa (Street or RFD) Houston (City) Texas (State) 77086 (Zip)

(Signed) Bobby Potter (Water Well Driller) Damrell + Potter Drilling Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY


GENERAL HIGHWAY MAP
HARRIS COUNTY
TEXAS
PREPARED BY THE
STATE DEPARTMENT OF HIGHWAYS
AND PUBLIC TRANSPORTATION
TRANSPORTATION PLANNING DIVISION
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
1973
LEGEND
KEY TO COUNTIES
KEY TO BASE SHEETS
KEY TO SUPPLEMENTARY SHEETS
HARRIS COUNTY
1
2
5
4
6
3
1
9
8
65-02-8L
Map #1

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 902 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 04 Longitude - 95 23 32 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Washington Laundry Driller - A. Chrysty Kuhlmann

Address _____ Tenant/Oper. _____
Date Drilled - / /1958 Depth - 487 ft. Source of Depth - Altitude - 54 ft. Source of Alt. -
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER Well Type - W User -

WELL CONSTRUCTION Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		

LIFT DATA - Pump Mfr. _____ Type - _____ No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data-

WATER LEVELS Date- 10/23/1950 Measurement- -197.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 09/30/2002

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB R178: Screen from 447 to
487 ft.

(54)

65-13-44

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-44
Located on map yes
Received: 79 SAE

1) OWNER:
Person having well drilled Howard Dye (Name) Address 4822 Lost Oak (Street or RFD) Spring (City) TX (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris Cypresdale, 6 miles in W (N.E., S.W., etc.) direction from Houston (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

#54
map on 60-60-IKK
North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check):
Domestic, Industrial, Municipal, Irrigation, Test Well, Other

5) TYPE OF WELL (Check):
Rotary, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 6½ in. Depth drilled 200 ft. Depth of completed well 210 ft. Date drilled 4/10/78

All measurements made from 4 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	4	Top soil
4	200	Unconsolidated Sand
200	210	Sand

(Use reverse side if necessary)

9) Casing:
Type: Old, New ✓, Steel, Plastic ✓, Other
Cemented from 150 ft. to 200 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	200	Sch 40

10) SCREEN:
Type w/w
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2"	200	210	.014 ga

7) COMPLETION (Check):
Straight wall ✓, Gravel packed, Other, Under reamed, Open Hole

8) WATER LEVEL:
Static level 68 ft. below land surface Date 4/10/78
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 105 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No.
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy C Bussell (Type or Print) Water Well Drillers Registration No. 707

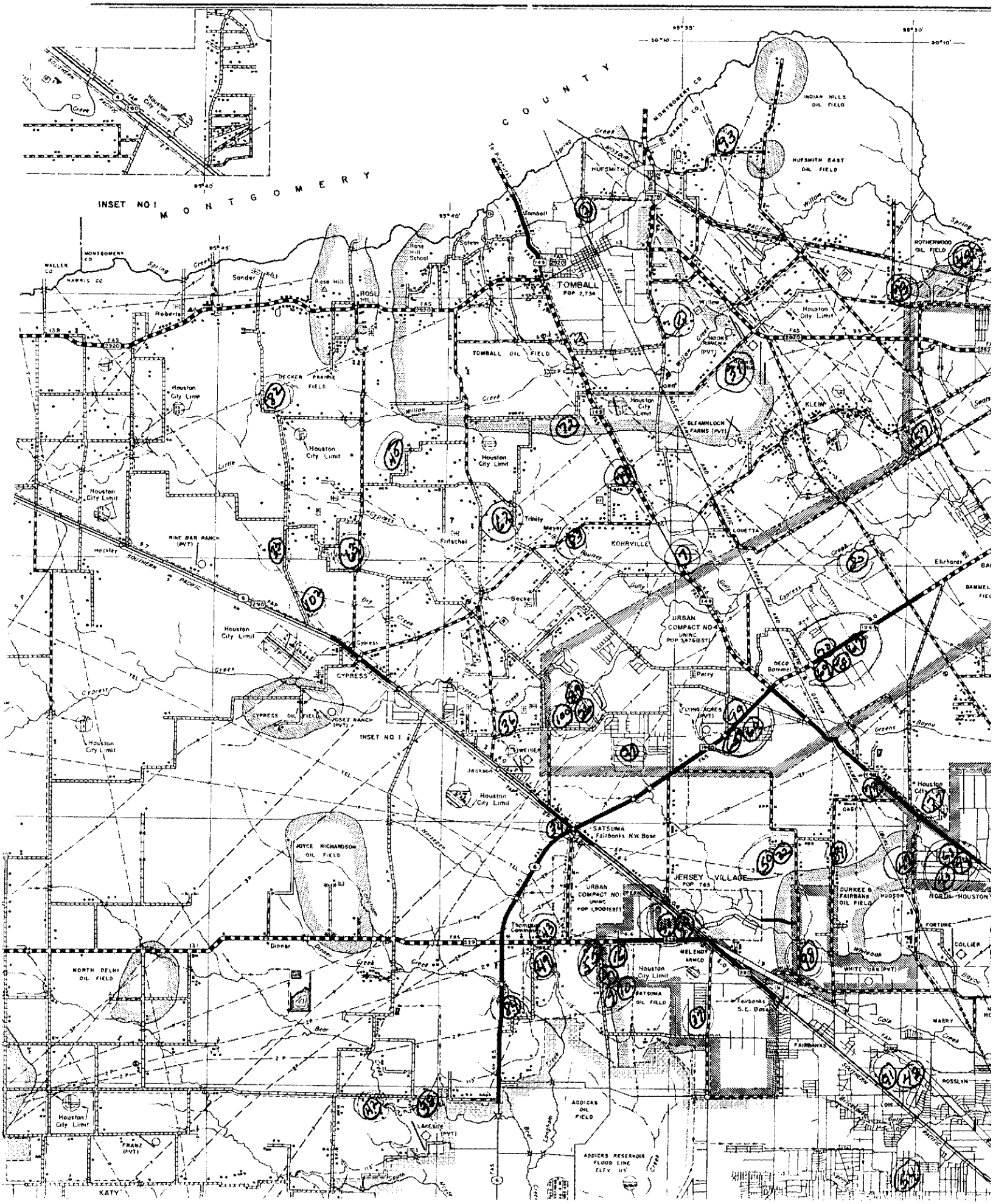
ADDRESS 9735 N. Houston-Rosslyn (Street or RFD) Houston (City) TX (State)

(Signed) Tommy C Bussell (Water Well Driller) Bussell & Son Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8


INSET NO I
MONTGOMERY COUNTY
TOMBALL
POP 2,734
TOMBALL OIL FIELD
HUFSMITH
HUFSMITH EAST OIL FIELD
INDIAN HILLS OIL FIELD
ROTHERWOOD OIL FIELD
DECKER PRAIRIE OIL FIELD
KLEIN
GLEANNLOCH FARMS (PVT)
KOHRVILLE
LOUETTA
URBAN COMPACT NO 4
UNINC
POP 3,476(EST)
CYPRESS
CYPRESS OIL FIELD
FLYING ACRES (PVT)
WEISER
SATSUMA
Fairbanks N.W. Base
JERSEY VILLAGE
POP 765
URBAN COMPACT NO 1
UNINC
POP 1,900(EST)
JOYCE RICHARDSON OIL FIELD
NORTH DELHI OIL FIELD
MELENDY
ARMCO
SATSUMA OIL FIELD
Fairbanks S.E. Base
FAIRBANKS
DURKEE & FAIRBANK OIL FIELD
HUDSON
NORTH HOUSTON
FORTUNE
COLLIER
WHITE OAK (PVT)
MARRY
ROSSLYN
ADDICKS OIL FIELD
ADDICKS RESERVOIR
FLOOD LINE
ELEV 111'
LAKESIDE (PVT)
FRANZ (PVT)
KATY
Houston City Limit
MONTGOMERY CO
HARRIS CO
WALLER CO
Spring Creek
Willow Creek
Cypress Creek
Little Cypress Creek
Bear Creek
Langham Creek
Greens Bayou
Cole Creek
Hockley
Roberts
Sander
Rose Hill
Rose Hill School
Salem
Tomball
Trinity
Mesa
Fritschel
Becker
Perry
Jackson
Dinner
Eberhard
Casey
Fortune
Wildwood
Houston
SOUTHERN PACIFIC
CHICAGO
ROCK ISLAND
TEL
FAS
FAP
95°40'
95°35'
95°30'
30°10'

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER M.J. McCurdy & Co., Inc. (Name) Address 401 Noras Lane Houston, Texas 77022 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL County Harris 4½ miles in NW (N.E., S.W., etc.) direction from DT Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

Well is located at 401 Nora Lane ☒ See attached map. Km 453 J

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☒ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled Feb. 84

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6½	Surface "	427'

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	35	red clay
35	500	" sand
150	176	clay, sand strks
176	184	sand
184	198	clay
198	211	sand
211	258	clay
258	273	sand & rock
273	278	clay
278	308	sand
308	350	clay
350	388	sand
388	389	rock
389	446	sand course
446	447	rock

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	10189# gal casing	#1	427	40g
2½	N	Lap	421	431	lap
2½	N	SS Rod base	421	446	16g
2½	N	Gal set nipple	446	447	

CEMENTING DATA
Cemented from 427 ft. to 280' ft.
Method used Pressure
Cemented by Swinehart Co. (Company or Individual)

9) WATER LEVEL:
Static level 256 ft. below land surface Date Feb. 84
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth
~~Lead seal set 421~~

11) TYPE PUMP: ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 337' ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 50 gpm with 33 ft. drawdown after ½ hrs.

RECEIVED
MAR - 9 1984
DEPT. OF
WATER RESOURCES

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME B.J. Swinehart Co., Inc. (Type or Print) Water Well Driller's License No. 229

ADDRESS 7524 N. Freeway (Street or RFD) Houston, Texas 77037 (City) (State) (Zip)

(Signed) [signature] (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 65-13-6K
Located on map 7.5 E.F.S.

TDWR-0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY

HARRIS COUNTY
TEXAS
1973
1970 CENSUS FIGURES
HIGHWAYS REVISED TO JANUARY 1, 1976
KEY TO PAGE SHEETS
KEY TO SUPPLEMENTARY SHEETS
HOUSTON
JACINTO CITY
PASADENA
DEER PARK
LA PORTE
BAYTOWN
BROOKSIDE VILLAGE
PEARLAND
FRIENDSWOOD
WEBSTER
LEAGUE CITY
EL LAGO
SEABROOK
GALVESTON BAY
BRAZORIA
LIBERTY COUNTY
CHAMBERS COUNTY
HARRIS COUNTY TEXAS 102

STATE OF TEXAS WATER WELL REPORT

1) OWNER: RANDALL, FAIRFAX ADDRESS: 3249 CHEVY CHASE CITY: HOUSTON STATE: TX ZIP: -

2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: SINGLE FAMILY RESID 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00815

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.0	0	375
4.875	375	410

7) BOREHOLE METHOD:

TWO STRING/K-PACKER

IF GRAVEL... FROM FT. TO FT.

FROM FT. TO FT.

DATE DRILLED: 04/11/94

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	375	CASING
3.0	N	P.V.C. SCH.40	369	390	LINER
3.0	N	STAINLESS - ROD BASE	390	410	.010

WELL # 65-21-2

5)

N

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	28	CLAY-GRAY CLAY-WHITE CLAY-RED
28	50	SAND-TAN-.006-.008
50	123	CLAY-RED CLAY-BROWN
123	130	SAND-TAN-.010-.012
130	180	CLAY-RED CLAY-WHITE CLAY-RED
180	201	SAND-TAN-.010-.012
201	220	CLAY-RED
220	249	SAND-TAN-.010-.012 SAND-TAN-.014-.020
249	267	CLAY-BROWN
267	283	SAND-TAN-.010-.012
283	303	CLAY-RED
303	328	SAND-TAN-.010-.012
328	375	CLAY-RED CLAY-BLUE
375	406	SAND-WHITE-.006-.008 SAND-WHITE-.010-.012

9) CEMENTING DATA:

Cemented from 0 FT. TO 375 FT.

FT. TO FT.

Method used: PRESSURE-HALIBURTON

Cemented by: AWWS

10) SURFACE COMPLETION:

SURFACE SLAB INST.

11) WATER LEVEL:

STATIC LEVEL : 220 FT. DATE: 04/13/94

ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

RECEIVED AUG 25 1994 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

13) TYPE PUMP:

SUBMERSIBLE

DEPTH TO PUMP: 315

14) WELL TEST:

JETTED

YIELD: 100 GPM WITH 35 FT DRAWDOWN AFTER HRS

15) WATER QUALITY:

TYPE OF WATER: GOOD DEPTH OF STRATA: 410 NO CHEMICAL ANALYSIS MADE

NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843

ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY

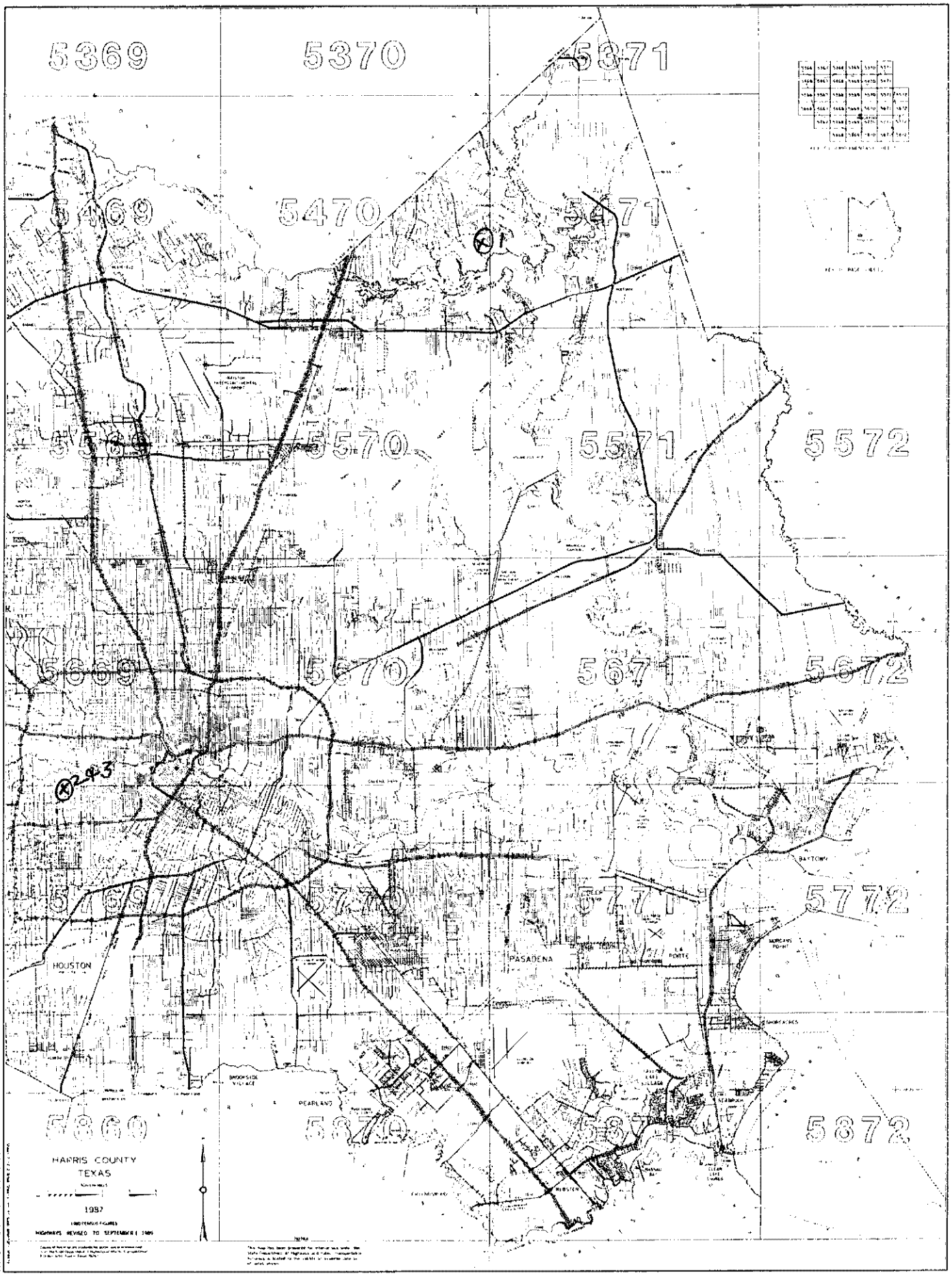
WELL NO. _____

LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) John A. Schwarz (LICENSED WATER WELL DRILLER)

(signed) _____ (REGISTERED DRILLER TRAINEE)



HARRIS COUNTY TEXAS 32

OWNER: RANDALL, FAIRFAX ADDRESS: 3249 CHEVY CHASE CITY: HOUSTON STATE: TX ZIP:

406 410 BROKEN SAND & CLAY

STATE OF TEXAS WATER WELL REPORT

1) OWNER: MCDUGAL-STEEL (MCNAIR) ADDRESS: 849 W. 26TH STREET CITY: HOUSTON STATE: TX ZIP: 77008-
2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00413

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.0	0	458
4.75	458	479

7) BOREHOLE METHOD:

TWO STRING/K-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 02/05/91

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	458	CASING
3.0	N	STEEL, NEW, GALV.	448	458	LINER
3.0	N	STAINLESS - ROD BASE	458	479	.008

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	2	SOIL
2	27	CLAY-RED
27	53	SAND-TAN-FINE
53	123	CLAY-RED
123	131	SAND-TAN-FINE
131	181	CLAY-RED
181	206	SAND-TAN-.010-.012
206	216	CLAY-RED
216	242	SAND-TAN-.010-.012
242	258	CLAY-RED
258	298	SAND-TAN-FINE
298	318	CLAY-RED
318	330	SAND-TAN-FINE
330	358	CLAY-RED
358	381	SAND-TAN-.010-.012

9) CEMENTING DATA:
Cemented from 0 FT. TO 458 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 261 FT. DATE: 02/08/91
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
RUBBER	457
BURLAP	349

RECEIVED
MAY 21 1992
TEXAS WATER WELL DRILLERS BOARD

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 357

14) WELL TEST:
JETTED
YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 479 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY
WELL NO.
LOCATED ON MAP 65·21·2

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

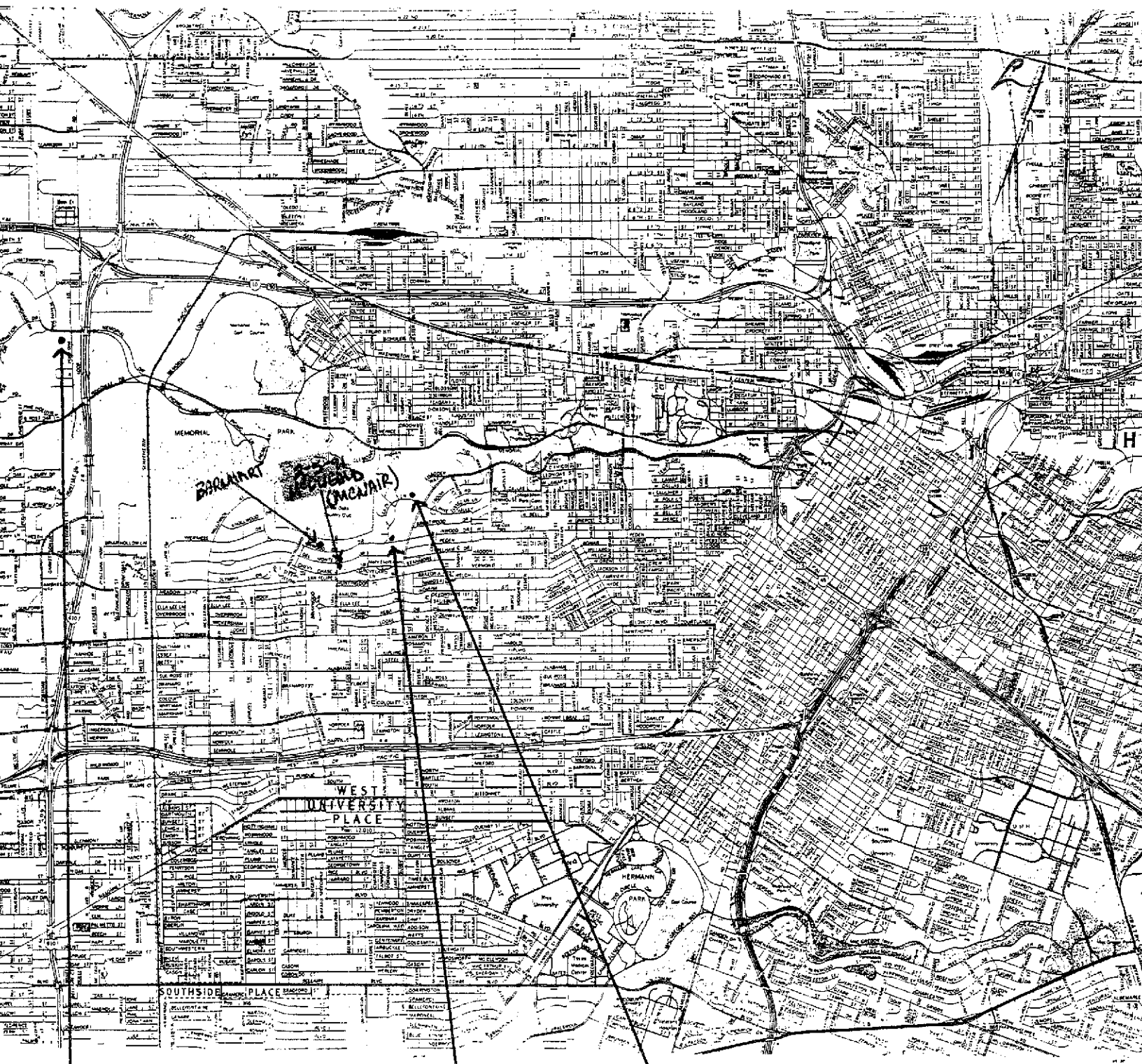
(signed) (LICENSED WATER WELL DRILLER) (signed) (REGISTERED DRILLER TRAINEE)

OWNER: MCDUGAL-STEEL (MCNAIR) ADDRESS: 849 W. 26TH STREET CITY: HOUSTON STATE: TX ZIP: 77008-

381	383	GRAVEL
383	406	SAND-TAN-.010-.012
406	433	CLAY-RED
433	442	SAND-TAN-FINE
442	448	CLAY-RED
448	458	SAND-TAN-FINE
458	459	CLAY-RED
459	478	SAND-TAN-.010-.012
478	479	CLAY-RED

Love

CWB


MEMORIAL
PARK
BRAUNART
(MCNAIR)
WEST
UNIVERSITY
PLACE
HERMANN
PARK
SOUTHSIDE PLACE
MCDUGALD (ELKINS)
9-10-90
MCDUGALD (BRENDER)
4-4-91
TYNE SPARKES (HIVES)

492

STATE OF TEXAS WATER WELL REPORT

1) OWNER: BILL BAKER CONSTRUCTION ADDRESS: 2110 RIVER OAKS BLVD. CITY: HOUSTON STATE: TX ZIP: -
2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00616

DIAMETER OF HOLE

DIAMETER	FROM	TO
9.0	0	380
4.875	380	405

7) BOREHOLE METHOD:
TWO STRING/K-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 08/24/92

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	380		CASING
3.0	N	P.V.C. SCH.80	375	385		LINER
3.0	N	STAINLESS - ROD BASE	385	405		.008

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	38	CLAY-WHITE CLAY-BROWN
38	45	SAND-RED-FINE
45	180	CLAY-RED CLAY-BLUE CLAY-WHITE
180	200	SAND-TAN-.006-.008
200	226	CLAY-RED
226	250	SAND-TAN-.006-.008 SAND-TAN-.010-.012
250	270	CLAY-RED
270	280	SAND-WHITE-.006-.008
280	302	CLAY-BROWN
302	380	BROKEN SAND & CLAY
380	390	SAND-WHITE-.006-.008
390	399	ROCK SAND-WHITE-.006-.008 ROCK
399	405	SAND-WHITE-.010-.012
405	405	CLAY-RED

RECEIVED SEP 03 1993 TEXAS WATER COMMISSION

9) CEMENTING DATA:
Cemented from 0 FT. TO 380 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 238 FT. DATE: 08/27/92
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 318

14) WELL TEST:
JETTED
YIELD: 75 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 405 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) John A. Kilgore (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

4820124984

KM D.492

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: MC NAIR, ROBERT ADDRESS: 1807 RIVER OAKS BLVD. CITY: HOUSTON STATE: TX ZIP: -

2) ADDRESS OF WELL:
County: HARRIS GRID #~~65-13-8~~ 65-21-2
Street or RFD: 1807 RIVER OAKS BLVD.
City, State, Zip code: HOUSTON , TX -

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: SINGLE FAMILY RESID
If Public Supply well, were plans submitted to the TNRCC?

5)

6) WELL LOG: 01871

DATE DRILLING:
STARTED: 06/07/00
COMPLETED: 06/15/00

DIAMETER OF HOLE			7) DRILLING METHOD:	8) BOREHOLE COMPLETION:
DIAMETER	FROM	TO		
8.5	0	382	MUD ROTARY	TWO STRING/K-PACKER
4.875	382	407		IF GRAVEL... FROM FT. TO FT.
				FROM FT. TO FT.

N^

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
5.0	N	STEEL, NEW, BLACK	0	382		CASING
3.0	N	STEEL, NEW, GALV.	369	386		LINER
3.0	N	SS ROD BASE ON PIPE	386	406		.008
3.0	N	STEEL, NEW, GALV.	406	407		BLANK

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	2	FILL SOIL
2	30	CLAY-RED
30	48	SAND-TAN-.010-.012
48	59	CLAY-TAN
59	70	SAND-TAN-.010-.012
70	177	CLAY-RED
177	193	SAND-TAN-.006-.008
193	217	CLAY-RED
217	243	SAND-TAN-.006-.008 SAND-TAN-.010-.012 SAND-TAN-.014-.02
243	260	CLAY-GRAY
260	304	SAND-TAN-.006-.008
304	358	CLAY-RED CLAY-GRAY
358	406	SAND-TAN-.006-.008 SAND-TAN-.010-.012
406	407	CLAY-RED

9) CEMENTING DATA:
Cemented from 0 FT. TO 382 FT. No. of Sacks Used 78
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS
Distance to septic field lines: N/A ft.
Method of verification of above distance:
CITY SEWER

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 206 FT. DATE: 06/09/00
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
K-PACKER	369
K-PACKER	370
K-PACKER	371

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 318

14) WELL TEST:
JETTED
YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 407 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843, 2350, 2843
ADDRESS: P.O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TWC USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Carl Lofton (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER/TRAINEE)

S OF TEXAS WATER WELL REPORT

1) OWNER: MANN, DR. MIKE ADDRESS: 1907 RIVER OAKS BLVD. CITY: HOUSTON STATE: TX ZIP: -
2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: DOMESTIC 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00836

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.0	0	380
4.875	380	412

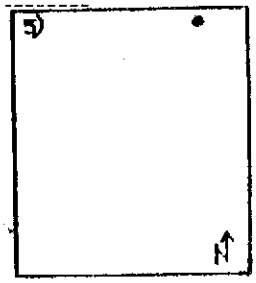
7) BOREHOLE METHOD:
TWO STRING/K-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 06/20/94

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	380		CASING
3.0	N	P.V.C. SCH.40	370	391		LINER
3.0	N	STAINLESS - ROD BASE	391	411		.008
3.0	N	P.V.C. SCH.40	411	412		BLANK

WELL # 65-21-2



GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	4	FILL
4	42	CLAY-GRAY CLAY-BROWN
42	61	SAND-TAN-.006-.008
61	123	CLAY-RED
123	149	SAND-TAN-.010-.012
149	180	CLAY-TAN
180	182	SAND-TAN-.006-.008
182	183	ROCK
183	190	SAND-TAN-.006-.008
190	210	BROKEN SAND & CLAY
210	229	CLAY-WHITE
229	251	SAND-TAN-.010-.012 SAND-TAN-.014-.020
251	269	CLAY-TAN
269	278	SAND-TAN-.010-.012
278	327	CLAY-RED SHALE

9) CEMENTING DATA:
Cemented from 0 FT. TO 380 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 220 FT. DATE: 06/22/94
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

RECEIVED
AUG 25 1994
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 315

14) WELL TEST:
JETTED
YIELD: 100 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 412 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY
WELL NO.
LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) John A. Lyburn (LICENSED WATER WELL DRILLER) (signed) (REGISTERED DRILLER TRAINEE)

OWNER: MANN, DR. MIKE ADDRESS: 1907 RIVER OAKS BLVD. CITY: HOUSTON STATE: TX ZIP:

327	335	SAND-WHITE-.006-.008
335	372	SHALE
372	388	SHALE-SAND STREAKS ROCK SHALE-SAND STREAKS
388	411	SAND-WHITE-.006-.008
411	412	SHALE

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-840

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513840
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.750556
Latitude (degrees minutes seconds)	29° 45' 02" N
Longitude (decimal degrees)	-95.426111
Longitude (degrees minutes seconds)	095° 25' 34" W
Coordinate Source	+/- 1 Second
Aquifer Code	112GLFC - Gulf Coast Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	55
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	471
Well Depth Source	Driller's Log
Drilling Start Date	
Drilling End Date	0/0/1987
Drilling Method	Mud (Hydraulic) Rotary
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Irrigation
Water Level Observation	None
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	
Annular Seal Method	
Surface Completion	
Owner	Harry Holmes
Driller	Almeda
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	
Created Date	4/9/1990
Last Update Date	6/4/1997

Remarks	

Casing - No Data

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements

No Data Available

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

STATE OF TEXAS WELL REPORT for Tracking #278221

Owner:	**Rod Cutsinger**	Owner Well #:	**Well Log 03183**
Address:	**2109 River Oaks Blvd. Houston, TX**	Grid #:	**65-21-2**
		Latitude:	**29° 44' 49" N**
Well Location:	**2109 River Oaks Blvd. Houston, TX**	Longitude:	**095° 25' 38" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/12/2006** Drilling End Date: **10/6/2006**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.5**	**0**	**380**
	4.875	**380**	**404**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Two String/K-Packer**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**380**	**85**

Seal Method: **Pressure-Haliburton**

Sealed By: **AWWS**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **No Septic**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Surface Slab Installed**

Water Level: **199 ft.** below land surface on **2006-09-14** Measurement Method: **Unknown**

Packers: **K Packer 374'**
K Packer 375'

Type of Pump: **Submersible** Pump Depth (ft.): **320**

Well Tests: **Jetted** **Yield: 100 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**404**	**Not Tested**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Almeda Water Well Service**

PO Box 266
Manvel, TX 77578

Driller Name: **Carl Loftin** License Number: **2350**

Comments: **^EAD**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

From (ft) To (ft) Description
0-3 soil
3-38 clay-gray clay-tan
38-54 sand-tan-fine sand-tan-.006-.008
54-130 clay/sand streaks
130-148 sand-tan-.010-.012
148-178 clay-red
178-195 sand-tan-.006-.008 sand-tan-.010-.012
195-222 clay-red clay-blue
222-249 sand-tan-.006-.008 broken sandstone
249-320 clay-red broken sand & clay
320-350 sand-tan-.006-.008 broken sandstone
350-372 clay-red
372-378 broken sand & clay
378-404 sand-white-.006-.008 sand-white-.010-.012
404 clay-red

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.) New/Used Type Setting From/To (ft.)
5" N PVC SDR 17 0'-380' Casing
3" N PVC Sch 40 374'-384' Liner
3" N Johnson Super Flow 384'-394' .008
3" N Johnson Super Flow 394'-404' .010

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

STATE OF TEXAS WELL REPORT for Tracking #222014

Owner:	**Don Chalmers**	Owner Well #:	**No Data**
Address:	**3246 Inwood Dr. Houston, TX 77019**	Grid #:	**65-13-8**
Well Location:	**3246 Inwood Dr. Houston, TX 77019**	Latitude:	**29° 45' 01" N**
		Longitude:	**095° 25' 29" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**Replacement**	Proposed Use:	**Domestic**

Drilling Start Date: **6/2/2010** Drilling End Date: **6/7/2010**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.5**	**0**	**400**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **2 string**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**375**	**63**
	0	**10**	**10**

Seal Method: **Positive Displacement**

Sealed By: **SDI**

Distance to Property Line (ft.): **40**

Distance to Septic Field or other concentrated contamination (ft.): **none**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **owner**

Surface Completion: **Surface Slab Installed**

Water Level: **190 ft.** below land surface on **2010-06-16** Measurement Method: **Unknown**

Packers: **KP-365**

Type of Pump: **Submersible** Pump Depth (ft.): **260**

Well Tests: **Jetted** **Yield: 60 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**No Data**	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Scott Drilling, Inc.**

11923 Green Pines Circle
Houston, TX 77066

Driller Name: **Scott Robinson** License Number: **4839**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	15	clay
15	35	sand
35	50	clay
50	70	sand
70	180	clay
180	210	sand
210	230	clay
230	250	sand
250	270	clay
270	285	sand
285	370	clay
370	400	sand

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5	**N**	**PVC**	**to Casing 0-375**
2.5	**N**	**" "**	**Liner 365-375**
2.5	**N**	**" "**	**Screen 375-400 .08**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

STATE OF TEXAS WELL REPORT for Tracking #182613

Owner:	**McNair, Robert**	Owner Well #:	**No Data**
Address:	**1807 River Oaks Blvd Houston, TX 77019**	Grid #:	**65-21-2**
Well Location:	**1807 River Oaks Blvd Houston, TX 77019**	Latitude:	**29° 44' 59" N**
		Longitude:	**095° 25' 32" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **5/26/2009** Drilling End Date: **5/28/2009**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**7.875**	**0**	**412**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**371**	**35 Bags Cement**

Seal Method: **Pressure**

Sealed By: **ODCI**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Surface Sleeve Installed**

Water Level: **210 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **B P Seal 360FT**

Type of Pump: **Submersible** Pump Depth (ft.): **315**

Well Tests: **Jetted** **Yield: 80 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**41**	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **O'Day Drilling Company, Inc**

5923 CR 931
Rosharon, TX 77583

Driller Name: **Marshall Bannert** License Number: **4111**

Apprentice Name: **Jesus Gutierrez** Apprentice Number: **56774**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**Top Soil**
3	**59**	**Clay**
59	**71**	**Sand**
71	**186**	**Clay**
186	**199**	**Sand**
199	**228**	**Clay**
228	**250**	**Sand**
250	**272**	**Clay**
272	**311**	**Sand**
311	**371**	**Clay**
371	**412**	**Sand**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5	**New**	**PVC Casing**	**0-371 FT SDR 17**
3	**New**	**Galvanized Liner**	**360-382 FT Sch 40**
3	**New**	**S/S Pipe Based Screen**	**382-412 FT 10GA**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: DAVIS BROTHERS CONSTRUCT, ADDRESS: 2200 LOUETTA RD. CITY: HOUSTON STATE: TX ZIP: 77388-4705

2) ADDRESS OF WELL:
County: HARRIS STATE WELL# 5459
Street or RFD: RINCON APARTMENTS ALLEN PARKWAY
City, State, Zip code: HOUSTON , TX 77019-

5) 65-13-9 N^

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: IRRIGATION
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 00040

DATE DRILLING:
STARTED: 01/22/96
COMPLETED: 05/13/96

DIAMETER OF HOLE

DIAMETER	FROM	TO
7.75	0	460
4.75	460	480

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: TWO-STRING
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	PVC WELL CASING	+2	460	SDR.17
2.5	N	PVC BLANK PIPE	444	459	SCH.80
2.5	N	STAINLESS ROD BASE	459	469	8 GA.
2.5	N	STAINLESS ROD BASE	469	479	10 GA.
2.5	N	PVC BLANK PIPE	479	480	SCH.80

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	20	BLACK TOPSOIL, CLAY
20	40	RED CLAY SAND
40	60	SAND,CLAY
60	140	CLAY GRAY CLAY
140	160	SAND,CLAY
160	220	GRAY CLAY
220	240	SAND,CLAY ROCK
240	260	SAND SHALE
260	300	SHALE
300	320	SHALE SAND
320	400	SAND ROCK SANDY SHALE
400	440	SHALE SAND SHALE
440	460	SHALE COARSE SAND
460	480	COARSE SAND

RECEIVED
JUL 1 1996
TEXAS WATER CONSERVATION BOARD

9) CEMENTING DATA:

Cemented from		No. of Sacks Used
460 FT.	TO 360 FT.	12
18 FT.	TO 1 FT.	8

Method used: HALLIBURTON METHOD
Cemented by: GDI
Distance to septic field lines: ft.
Method of verification of above distance: CITY SEWER

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 226 FT. DATE: 03/29/96
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
BP SEAL	444
FORMATION PACKER	18

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 320

14) WELL TEST:
JETTED
YIELD: 100+ GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: EXCELLENT DEPTH OF STRATA: 25' OF SAND NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

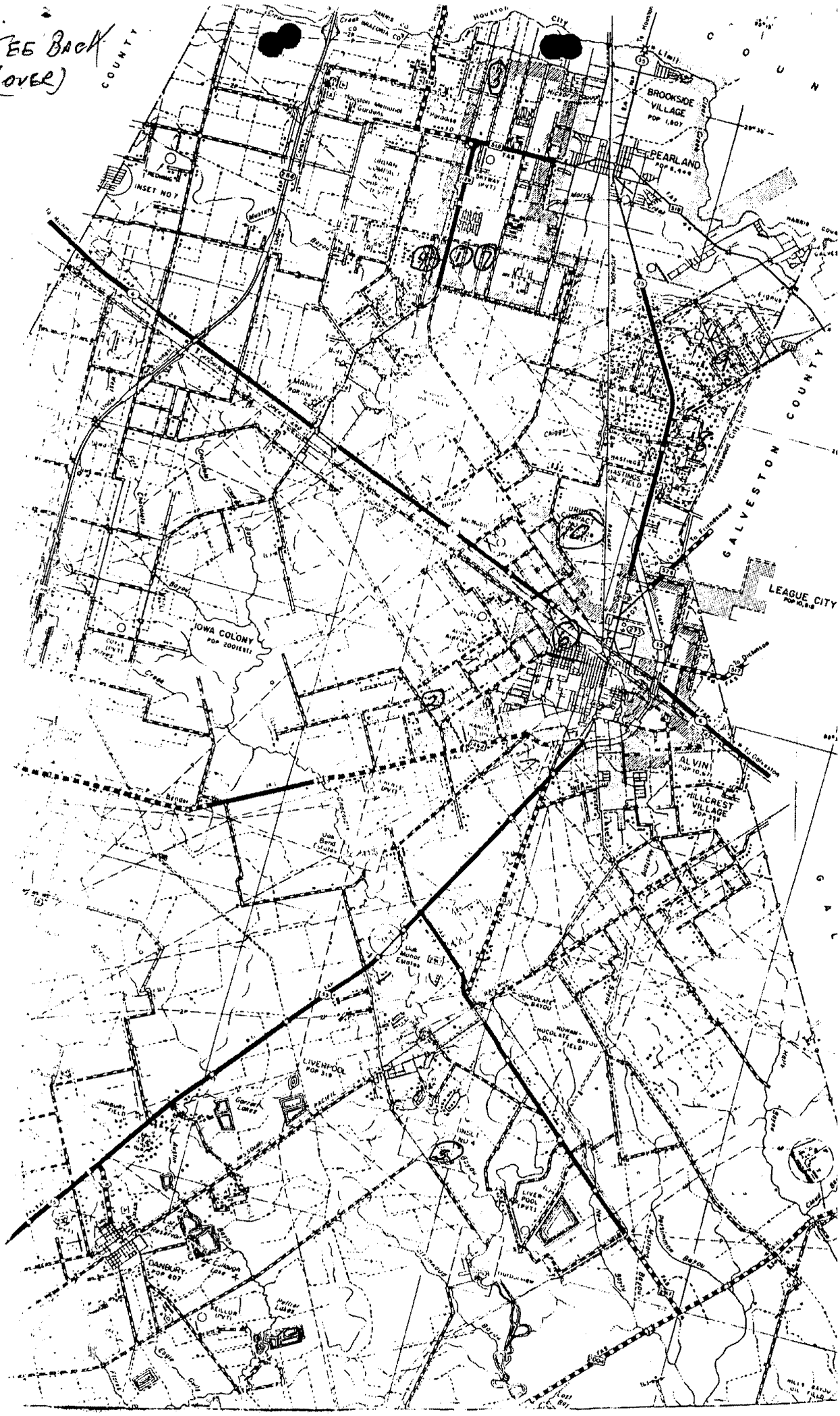
COMPANY NAME: GEOPHYSICAL DRILLING,INC. WATER WELL DRILLER'S LICENSE NO.: 4898WPK
ADDRESS: P.O. BOX 664 CITY: FULSHEAR STATE: TX ZIP CODE: 77441

FOR TWC USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Jimmy D. Briney (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

SEE BACK
(OVER)



1) Johnson

2) Meinke

3) Hoang

4) Koch

5) Eastin

6) Werring

7) Wood

8) Potts

9) Fowler

10) Rodes

RECEIVED
OCT 20 1983
DEPT. OF
WATER RESOURCES

Texas Water Development Board
Well Schedule

State Well Number 6513906 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294535 **Longitude** 952359 **Source of Coords** 2

Owner's Well No. **Location**

Owner
Harris Cream Top Dairy

Driller
Layne Texas Co.

Address **Tenant/Oper.**

Date Drilled / /1933 **Depth** 514 **Source of Depth** **Altitude** 51 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION

Const-Method

Casing Material

Screen Material

Completion

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to_____

LIFT DATA - **Pump Mfr. -** **Type -** TURBINE PUMP **No. Stages**

Bowls Diam - **in.** **Setting -** **ft.** **Column Diam. -** **in.**

Motor Mfr. - **Fuel or Power -** ELECTRIC MOTOR **Horsepower -**

YIELD Flow- **GPM** **Pump** **GPM** **Meas.,Rept.,Est.-** **Date-**

WATER USE **Primary -** INDUSTRIAL **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** **Other Data -**

WATER LEVELS
1 measurement
1933
-49

Recorded By _____ **Date Record Collected or Updated -** 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: Screen from 462 to 504 ft.
Yield: 120 gpm with 20 ft. drawdown when drilled.

Aquifer - 112CHCTL **ID -** 15

CHICOT AQUIFER,LOWER

Texas Water Development Board
Well Schedule

State Well Number: **65-13-906** Previous Well Number: County: **Harris** **201**

Latitude (dms): **294535** Longitude (dms): **952359** Coordinate Accuracy: **+/- 5 Seconds**

River Basin: **San Jacinto River** GMA: **14** RWPA: **H** GCD: **Harris-Galveston Subsidence District**

Owner: **Harris Cream Top Dairy** Driller: **Layne Texas Co.** Aquifer ID: **Gulf Coast**

Aquifer Code: **112CHCTL**

CHICOT AQUIFER,LOWER

Depth (ft): **514** Elevation (ft): **51**

Source of Depth: **Owner** Source of Elevation: **Interpolated From Topo Map**

Date Drilled: **00/00/1933** Well Type: **Withdrawal of Water**

Type of Lift: **Turbine Pump** Power: **Electric Motor** Horsepower:

Construction: Completion:

Casing Material: Screen Material:

CASING INTERVALS:
Casing/Blank Pipe (C)
Well Screen/Slotted Zone (S)
Open Hole (O)

Dia. (in.)	Top (ft.)	Bottom (ft.)

WATER USE

Primary: **Plugged or Destroyed** Secondary: Tertiary:

Water Levels: **Miscellaneous Measurements** Water Quality: **N**

1 measurement
1933
-49

Other Data: Logs:

REMARKS:

TWDB R178: Screen from 462 to 504 ft.
Yield: 120 gpm with 20 ft. drawdown when drilled.
Well determined destroyed based on Google Earth search. Currently covered by condominium parking garage.

Reporting Agency: **TWDB or Predecessor Agency**

Date Collected or Reported: **09/30/2002**

Recorded by:

Dup✓ W.L. 135

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65 20 2M
Located on map yoMM
Received:

1) OWNER Anderson Landscaping (Name) Address 9515 Vogue (Street or RFD) Houston (City) Texas (State) 77080 (Zip)

2) LOCATION OF WELL: 2222 Peck Rd.
County Harris miles in (N.E., S.W., etc.) direction from (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. Block No. Township
Abstract No. Survey Name
Distance and direction from two intersecting section or survey lines

☐ See attached map. Map on 65:05:9AAA

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other

6) WELL LOG:

Date drilled 8-23-83

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	375

From (ft.)	To (ft.)	Description and color of formation material
0	16	Top Soil & Clay
16	305	Clay & Rock
305	318	Sand
318	335	Clay
335	375	Sand

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from ft. to ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	P.V.C.	0	355	
2	N	Galvanized	349	355	
2	N	P.V.C.	355	365	.016
2	N	P.V.C.	365	375	.016

CEMENTING DATA
Cemented from 305 ft. to 355 ft.
Method used Halliburton
Cemented by BUSSELL & SON, INC. (Company or Individual)

9) WATER LEVEL:
Static level 235 ft. below land surface Date 8-24-83
Artesian flow gpm. Date

10) PACKERS: Type Depth

RECEIVED
MAR 11 1985
DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

11) TYPE PUMP: ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., 244 ft.
5 HP 10 Red Jacket

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Depth of strata
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME CRAIG BUSSELL (Type or Print) Water Well Drillers Registration No. 2035

ADDRESS P.O. BOX 874 (Street or RFD) TOMBALL (City) TEXAS (State) 77375 (Zip)

(Signed) Craig Bussell (Water Well Driller) BUSSELL & SON, INC. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

DWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

4820117260

Send original copy by certified return receipt requested mail to: **TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087**

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** Jeff Griffis, AIA (Name) **ADDRESS** 9601 Katy Fwy Suite 440 (Street or RFD) Houston (City) Tx. (State) 77024 (Zip)

2) **ADDRESS OF WELL:** County Harris 108 Shasta (Street, RFD or other) Houston (City) Tx. (State) 77024 (Zip) **GRID #** 65-13-7

3) **TYPE OF WORK (Check):** ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) ⊙ N

6) **WELL LOG:**
Date Drilling:
Started 11-9 19 99
Completed 11-12 19 99

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8 3/4	Surface	390
4 3/4	390	420

7) **DRILLING METHOD (Check):** ☐ Driven ☐ Air Rotary ☑ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil
3	120	Red + Gray Clay
120	130	Sand
130	230	Red + Gray Clay
230	295	Sand + Gravel
295	310	Clay
310	350	Sand
350	390	Clay
390	420	Sand

(Use reverse side of Well Owner's copy, if necessary)

8) ***Borehole Completion (Check):*** ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☑ Other 2 Staing
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5	N	SDR17 PVC	+2	390	
3	N	Sch 40 PVC	385	390	
3	N	Slotted PVC sch 40	390	420	.010

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from 0 ft. to 390 ft. No. of sacks used 45
_____ ft. to _____ ft. No. of sacks used _____
Method used Pressure
Cemented by Driller
Distance to septic system field lines or other concentrated contamination ~~[illegible]~~ ft.
Method of verification of above distance ~~[illegible]~~ No Septic

10) **SURFACE COMPLETION**
☐ Specified Surface Slab Installed [Rule 338.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) **WATER LEVEL:**
Static level 200 ft. below land surface Date 11-12-99
Artesian flow _____ gpm. Date _____

12) **PACKERS:**

	Type	Depth
K Packer	~~[illegible]~~ 3 x 5	385

13) **TYPE PUMP:** ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., 315 ft.

14) **WELL TESTS:**
Type test: ☑ Pump ☐ Bailer ☐ Jetted ☑ Estimated
Yield: 45 gpm with 25 ft. drawdown after 1 hrs.

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Johnston's Water Well Service Inc. (Type or print) **WELL DRILLER'S LICENSE NO.** 2778 WI

ADDRESS 1515 Rudel #402 (Street or RFD) Tomball (City) Tx. (State) 77375 (Zip)

(Signed) Randy R. Johnston (Licensed Well Driller) **(Signed)** _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 05-21-96) *White - TNRCC* *Yellow - DRILLER* *Pink - WELL OWNER*

4820123896

1B GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711	State of Texas WATER WELL REPORT	For TWDB use only Well No. 65-13-1B Located on map yes Received: 6 6 Form GW 8 Form GW 9

1) OWNER:
Person having well drilled Space City Oil Co. (Name) Address 5601 Pinemont, Houston, Texas (Street or RFD) (City) (State)

Landowner Same: (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris Labor ____ League ____ Abstract No. ____

NW¼ NE¼ SW¼ SE¼ of Section ____ Block No. ____ Survey ____
(Circle as many as are known)

miles in ____ (N.E., S.W., etc.) direction from ____ (Town).

NORTH

WELL LOCATED AT ABOVE ADDRESS

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☒ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☐ Industrial ☐ Municipal ☐
Service Station
Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check):
Rotary ☒ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 4" in. Depth drilled 186 ft. Depth of completed well 186 ft. Date drilled 4/4/66

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	From (ft.)	To (ft.)	Description and color of formation material
0	93	Surface Hard Clay, few Sand Brakes			
93	96	Fine Red Sand			
96	120	Yellow Clay			
120	124	Fine Red Sand			
124	146	Yellow Clay			
146	186	Sand, Top Loose			
					(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall ☒ Gravel packed ☐ Other ☐
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level 133 ft. below land surface Date 4/4/66
Artesian pressure ____ lbs. per square inch Date ____

9) CASING:
Type: old ☐ New ☒ Steel ☐ Plastic ☐ Other ☐
Cemented from 0 ft. to 174 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	174	

10) SCREEN:
Type LOP Stainless, Wire Wrapped
Perforated ☐ Slotted ☐

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size
2½"	176	186	.010 Ga.

11) WELL TESTS:
Was a pump test made? ☐ Yes ☒ No If yes by whom?

Yield: ____ gpm with ____ ft. drawdown after ____ hrs
Bailer test ____ gpm with ____ ft. drawdown after ____ hrs
Artesian flow ____ gpm Date ____
Temperature of water ____
Was a chemical analysis made? ☐ Yes ☒ No
Did any strata contain undesirable water? ☐ Yes ☐ No
Type of water? ____ depth of strata ____

12) PUMP DATA:
Manufacturer's Name A.Y.McDonald Mfg. Co.

Type ~~XXXXXXXX~~ Sub. H.P. 1/2 HP
Designed pumping rate ____ gpm ☐ gph ☐
Type power unit Electric
Depth to bowls, cylinder, jet, etc., 166' ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME R. B. Lowry (Type or Print) Water Well Drillers Registration No. 146

Address 4012 Fulton St. (Street or RFD) Houston, Texas (City) (State)

(Signed) R B Lowry (Water Well Driller) LOWRY WATER WELLS (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 112 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 50 21 Longitude - 95 28 20 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Space City Oil Co. Driller - Lowry Water Wells

Address _____ Tenant/Oper. _____
Date Drilled - / /1966 Depth - 186 ft. Source of Depth - Altitude - 82 ft. Source of Alt. -
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User -

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) Setting(feet) From To

LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data-

WATER LEVELS Date- 04/04/1966 Measurement- -133.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 09/30/2002

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB R178: Screen from 176 to
186 ft.

Please use black ink.
Send original copy by certified mail to the
Texas Water Commission
P.O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER James A Bearden (Name) Address 934 West Donovan St (Street or RFD) Houston (City) Texas (State) 77091 (Zip)

2) LOCATION OF WELL:
County Harris City Limits miles in North West (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. 1 Block No. 8 Lots- 192 & 193 Township
Abstract No. Survey Name Shepherd Park Terrace
Distance and direction from two intersecting section or survey lines
Volume 122 Page 37 Map Recorder ~~Harris~~ Harris
☐ See attached map.

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other

5) DRILLING METHOD (Check): ☐ Driven
☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other

6) WELL LOG:
Date Drilling:
Started 7-15 1991
Completed 7-18 1991

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
	Surface	
7 7/8	0	183
3 7/8	183	210

7) BOREHOLE COMPLETION:
☐ Open Hole ☒ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from ft. to ft.

From (ft.)	To (ft.)	Description and color of formation material
0	10	Black Clay
10	13	Sand
13	25	Red Clay
25	28	White Sand
28	35	Gray Clay
35	85	Red Clay
85	90	Sand
90	170	Red Clay
170	175	Pot Gravel
175	210	Red Sand

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	4" Sec 40. PVC	0	183	
2 1/2	N	2 1/2 Screen slotted	180	210	008

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 20 ft. to 0 ft. No. of Sacks Used 8 1/2
ft. to ft. No. of Sacks Used
Method used Sand mix Pouthand
Cemented by John W Tolen Jr

10) SURFACE COMPLETION
☒ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

RECEIVED
OCT 31 1991

4820124962

KH-p.452

STATE OF TEXAS WATER WELL REPORT

1) OWNER: FARMERS MARKET WASHATERIA ADDRESS: 2216 AIRLINE DRIVE CITY: HOUSTON STATE: TX ZIP: 77055
2) LOCATION OF WELL: County: HARRIS miles in N direction from HOUSTON

LEGAL DESCRIPTION: SEE ATTACHED MAP: 00107
Section No.: Block No.: Township:
Abstract No.: Survey Name:
Distance and direction from two intersecting section or survey lines: on 65-13-8

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: INDUSTRIAL 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00107

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.0	0	397
5.0	397	422

7) BOREHOLE METHOD:
TWO STRING/LEAD SEAL
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 10/12/88

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	4	SOIL
4	70	CLAY-WHITE
70	140	CLAY-RED
140	160	CLAY-WHITE
160	208	SAND-TAN-.010-.012
208	280	CLAY-RED
280	290	SAND-WHITE-.006-.008
290	349	CLAY-RED
349	355	SAND-WHITE-.006-.008
355	370	CLAY-RED
370	380	BROKEN SAND & CLAY
380	420	SAND-WHITE-.010-.012
419	422	BROKEN SAND & CLAY

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	397	
2.5	N	STEEL, NEW, GALV.	391	399	LINER
2.5	N	STAINLESS - ROD BASE	399	409	.012
2.5	N	STAINLESS - ROD BASE	409	419	.010
2.5	N	STEEL, NEW, GALV.	419	422	S.T.N.

9) CEMENTING DATA:
Cemented from 175 FT. TO 397 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: ALMEDA WATER WELL

10) SURFACE COMPLETION:
SURFACE SLAB INST.

RECEIVED SEP 20 1989 TEXAS WATER COMMISSION

11) WATER LEVEL:
STATIC LEVEL : 260 FT. DATE: 10/14/88
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 336

14) WELL TEST:
JETTED
YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 422 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY
WELL NO. 65-13-6
LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) John A. Lehman (LICENSED WATER WELL DRILLER) (signed) (REGISTERED DRILLER TRAINEE)

CWB

11th STREET WASHATERIA
FARMERSVILLE WASHATERIA
JIM KEMPNER
JOHN YOUNG
MEMORIAL
PARK
WEST UNIVERSITY PLACE
BELLAIRE
HOU

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-304

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by McAdoo Naftel & Gabrysch 1961 — Source of data File — Date 2-15-68 — Map 1:24000 Houston Heights 1955

State Texas [48] — County (or town) Harris [LJ]

Latitude: 295019 N — Longitude: 095240 08 — Sequential number: 1

Lat-long accuracy: 1 — T. ____ N, S, R ____ E, W, Sec ____, ____ k, ____ k, ____ k

Local well number: LJ-65-13-304 — Other number: B & M #12

Local use: ____ — Owner or name: City of Houston

Owner or name: CITY OF HOUSTON — Address: Heights Plant

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) Agency, (W) Water Dist — M

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mud, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — P

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed — W

DATA AVAILABLE: Well data 1 — Freq. W/L meas.: 1949 — Annual — S — Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 12-12-49 — I — Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: E-Log (0-2523) T-6 — E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 1770 ft — 1770 — Meas. (tp) Driller accuracy — 3

Depth cased (first perf.) 900 ft — 900 — Casing type: S; Diam. 24-12 in — 24

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other — G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other — H

Date Drilled: 9-23-49 — 949 — Pump intake setting: ____ ft

Driller: Texas Water Wells, Inc. (name), Houston, Texas (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other — T — Deep Shallow — D

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. ____ — Trans. or meter no.

Descrip. MP ____ ft above below LSD. Alt. MP ____

Alt. LSD: 73 — 73 — Accuracy: (source) Topo 5' — 3

Water Level 146.06 ft above below MP; Ft above below LSD — Accuracy: Tape — A

Date meas: 12-12-49 — 049 — Yield: 2610 gpm — 2610 — Method determined — H

Drawdown: 95 ft — 95 — Accuracy: meas. — 0 — Pumping period 96 hrs — 96

QUALITY OF WATER DATA: Iron ____ ppm — Sulfate ____ ppm — Chloride ____ ppm — Hard. ____ ppm

Sp. Conduct ____ K x 10^6 — Temp. ____ °F — Date sampled ____

Taste, color, etc.

P/L-241

Well No. LJ-65-13-304

Well No. LJ-65-13-304

Latitude-longitude 29 50 19 / 095 24 08.1
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: Coastal Plain [0 3] (20–21) Section: _____

[F] (22) Drainage Basin: _____ [5 1 R] (23–25) Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (Q) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series [T] (28–29) _____ aquifer, formation, group [E] (30–31)

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: 390 ft [3 9 0] (38–40) Depth to top of: _____ ft (41–43)

MINOR AQUIFER: _____ system, _____ series (44–45) _____ aquifer, formation, group (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: * 900-1750

Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

USGS recovery

Coefficient Trans: _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)

* Screen:

900-930	30
990-1020	30
1070-1095	25
1110-1190	80
1275-1295	20
1370-1410	40
1530-1555	25
1590-1620	30
1670-1710	40
1730-1750	20

TD=1770

Csg.

24"	0-630
12 3/4"	530-1770

Drill stem test from:

1845-1926 - Cl 235 ppm
2475-2522 - Cl - 1400 ppm
2260-2313 - Cl - 125 ppm
1745-1757 - Cl - 95 ppm

Well No. LJ-65-13-304

GPO 857-700

5C Dup

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

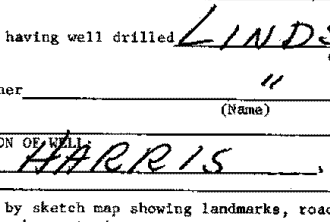
For TWDB use only
Well No. 65-13-5C
Located on map 105
Received: 74
6/8

1) OWNER:
Person having well drilled LINDSEY GLENN (Name) Address 5108 GOLDEN FOREST (Street or RFD) HOUSTON TEX (City) (State)

Landowner " " (Name) Address " " (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS, 16 miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*



(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic ✓ Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 3 7/8 in. Depth drilled 46 ft. Depth of completed well 46 ft. Date drilled 5-3-74

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOP SOIL
2	15	GRAY CLAY
15	20	GRAY & RED CLAY MIX
20	28	RED CLAY
28	46	SAND

(Use reverse side if necessary)

9) Casing:
Type: Old ~~New~~ Steel ~~Plastic~~ Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
2	0	40	SCH 40

10) SCREEN:
Type Plastic
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2	40	46	6

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 22 ft. below land surface Date 5-3-74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 30 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes ~~No~~ ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes ~~No~~ ✓
Did any strata contain undesirable water? Yes No.
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B. LUMPKIN, JR (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 7507 JANAK (Street or RFD) HOUSTON (City) TEXAS (State)

(Signed) John B. Lumpkin Jr (Water Well Driller) LONG POINT WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

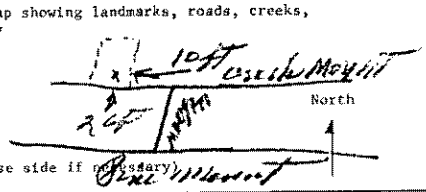
For TWDB use only
Well No.
Located on map
Received:

1) OWNER:
Person having well drilled FRANCISCO GONZALEZ (Name) Address 5010 CREEKMOUNT HOUSTON, TEX (Street or RFD) (City) (State)

Landowner SAME (Name) Address SAME (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS, 10 miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*



(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block 16 Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well XX, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check): Domestic XX, Industrial, Municipal, Irrigation, Test Well, Other

5) TYPE OF WELL (Check): Rotary XX, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 4 in. Depth drilled 37 ft. Depth of completed well 31 ft. Date dr 10/6/69

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	Top soil
2	10	Brown Clay
10	17	Gray clay
17	32	Red clay
32	37	Red sand

(Use reverse side if necessary)

9) Casing:
Type: Old, New XX, Steel XX, Plastic, Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
2	0	31	Standard

10) SCREEN:
Type NO SCREEN
Perforated, Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size

7) COMPLETION (Check): Straight wall X, Gravel packed, Other, Under reamed, Open Hole

8) WATER LEVEL:
Static level 25 ft. below land surface Date 10/6/69
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 28 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No XX If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B. LUMPKIN, JR. (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 1802 ANTOINE, HOUSTON, TEXAS 77055 (Street or RFD) (City) (State)

(Signed) John B. Lumpkin Jr. (Water Well Driller) LONG POINT WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

4820112072

Send original copy by certified mail to: Texas Water Comm , P.O. Box 13087, Austin, Texas 78711 *Please use black ink.*

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) **OWNER** M.R. FATHERS (Name) **ADDRESS** 11531 EASTEX FRWY. HOU TEXAS 77093 (Street or RFD) (City) (State) (Zip)

2) **LOCATION OF WELL:** County HARRIS . 2 miles in NE (NE, SW, etc.) direction from HOUSTON (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **LEGAL DESCRIPTION:**

Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____

Distance and direction from two intersecting section or survey lines _____

☑ **SEE ATTACHED MAP**

3) **TYPE OF WORK (Check):** ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) **DRILLING METHOD (Check):** ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) **WELL LOG:**

Date Drilling: Started 5-6 1992 Completed 5-6 1992

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
4½	Surface	65

7) **BOREHOLE COMPLETION:** ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____

If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
Surf	10	Sand Fine White
10	28	CLAY WHITE
28	41	CLAY RED
41	47	SAND RED
47	56	RED CLAY
56	65	SAND BROWN

8) **CASING, BLANK PIPE, AND WELL SCREEN DATA:**

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
[redacted]	[redacted]		55	65	086A
2"	N	SCH 40 55 ft			
		Casing			

9) **CEMENTING DATA** [Rule 287.44(1)]
Cemented from SURF ft. to 54 ft. No. of Sacks Used 8
_____ ft. to _____ ft. No. of Sacks Used _____
Method used Pressure
Cemented by L.F. HULL

(Use reverse side if necessary)

13) **TYPE PUMP:** ☐ Turbine ☑ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) **WELL TESTS:** Type Test: ☑ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 5 gpm with 0 ft. drawdown after 1 hrs.

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents? ☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? CLEAN Depth of strata 9
Was a chemical analysis made? ☐ Yes ☑ No

10) **SURFACE COMPLETION**
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) **WATER LEVEL:**
Static level 32 ft. below land surface Date 5-7-92
Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type 2 RUBBER Depth 55-54

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME L.F. HULL (Type or print) **WELL DRILLER'S LICENSE NO.** 02044 W

ADDRESS 4933 HARTWICK (Street or RFD) HOUSTON (City) TEXAS (State) 77093 (Zip)

(Signed) L.F. Hull (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

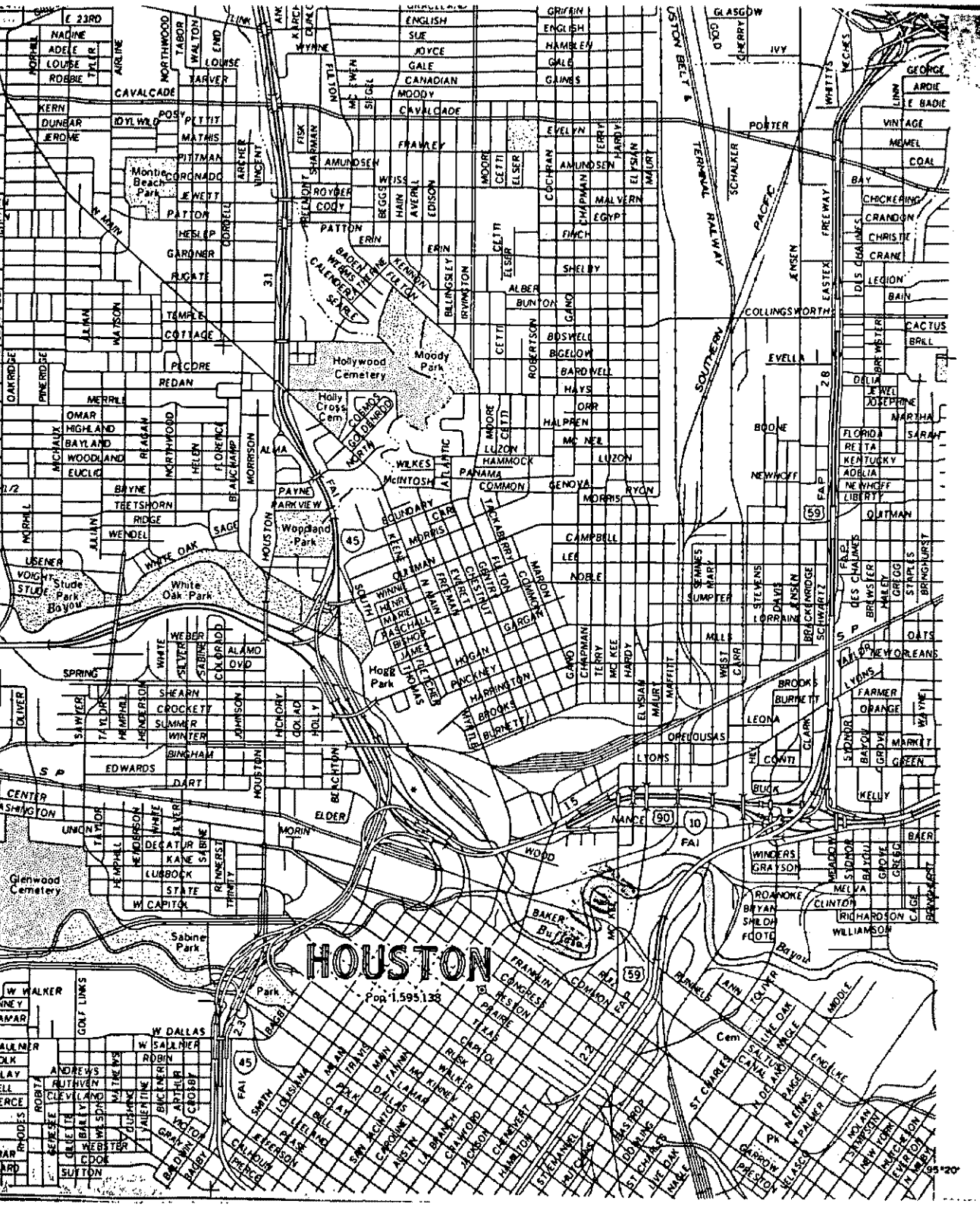
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. _____ Located on map _____

AUG 28 1992 TEXAS WATER COMMISSION

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY


HOUSTON
Pop. 1,595,138
Hollywood Cemetery
Moody Park
Holy Cross Cem.
Woodland Park
White Oak Park
Hogg Park
Sabine Park
Glenwood Cemetery
Montie Beach Park
Stude Park
Bayou
Buffalo
Cem.
Park
E 23RD
NADINE
ADELE
LOUISE
ROBBIE
CAVALCADE
KERN
DUNBAR
JEROME
JOYLWOOD
POSEY
PETTIT
MATHIS
PITTMAN
CORONADO
JEWETT
PATTON
HESLEP
GARDNER
RUGATE
TEMPLE
COTTAGE
PECORE
REDAN
MERRILL
OMAR
HIGHLAND
BAYLAND
WOODLAND
EUCLID
BAYNE
TEETSHORN
RIDGE
WENDEL
USENER
VOIGHT
SAGE
WHITE OAK
SPRING
WEBER
SHEARN
CROCKETT
SUMMER
WINTER
BINGHAM
EDWARDS
DART
CENTER
WASHINGTON
UNION
DECATUR
KANE
LUBBOCK
STATE
W CAPITOL
W DALLAS
W SALINER
ROBIN
ANDREWS
RUTHVEN
CLEVELAND
WEBSTER
COOK
SUTTON
GRIFFIN
ENGLISH
SUE
JOYCE
GALE
CANADIAN
MOODY
FRAWLEY
AMUNDSEN
ROYDER
CODY
ERIN
BADEN
WEBB
KENNYA
FULTON
SEARLE
EVELYN
MALVERN
EGYPT
FINCH
SHELBY
ALBER
BUNTON
BOSWELL
BIGELOW
BARDWELL
HAYS
ORR
HALPREN
MC NEIL
LUZON
HAMMOCK
PANAMA
COMMON
GENOVA
MORRIS
RYON
CAMPBELL
LEE
NOBLE
QUITMAN
FREMAUX
EVERT
CHESTNUT
FLETCHER
MARION
GARGAN
WINNIE
HENRY
MARIE
BASCHELL
BISHOP
JAMES
HOGAN
PINCKNEY
HARRINGTON
BROOKS
BURNETT
OPELOUSAS
LYONS
NANCE
WOOD
BAKER
FRANKLIN
CONGRESS
PRESTON
PRAIRIE
TEXAS
CAPITOL
RUSK
WALKER
MC KINNEY
LAMAR
DALLAS
MAIN
HOUSTON
SAN JACINTO
CROCKETT
AUSTIN
LA BRANCH
CRAWFORD
JACKSON
CHEVERT
HAMILTON
STEWART
PAUL
CALHOUN
PRINCE
EMERSON
SMITH
LOUISIANA
MILAM
BOLIVAR
ST CHARLES
ST MARY
ST ANN
ST JOSEPH
ST ELMO
ST CLAIRE
ST PATRICK
ST JOHN
ST JAMES
ST ANTHONY
ST ROSE
ST ELIZABETH
ST ROSALIE
ST ALBANS
ST ANGELA
ST ANNE
ST ANTONY
ST BERNARD
ST CLAUDE
ST CLEMENT
ST CLOTILDE
ST CYRIL
ST DENIS
ST DOMINIC
ST EDWARD
ST FRANCIS
ST GABRIEL
ST GEORGE
ST GERTRUDE
ST GREGORY
ST HELENA
ST HERMAN
ST HILDA
ST HUGH
ST IGNATIUS
ST JEROME
ST JUDE
ST LAURENT
ST LEO
ST LUKE
ST MARGARET
ST MARTIN
ST MATTHEW
ST MICHAEL
ST MICHAEL'S
ST MICHAEL'S PL
ST MICHAEL'S TER
ST MICHAEL'S WAY
ST MICHAEL'S WAY PL
ST MICHAEL'S WAY TER
ST MICHAEL'S WAY WAY
ST MICHAEL'S WAY WAY PL
ST MICHAEL'S WAY WAY TER
ST MICHAEL'S WAY WAY WAY
ST MICHAEL'S WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY PL
ST MICHAEL'S WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY WAY TER
ST MICHAEL'S WAY

Texas Water Development Board
Well Schedule

State Well Number 6513918 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294606 **Longitude** 952315 **Source of Coords** 3

Owner's Well No. **Location**

Owner
Henke and Pillot

Driller
McMasters and Pomeroy

Address **Tenant/Oper.**

Date Drilled / /1929 **Depth** 571 **Source of Depth** **Altitude** 55 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material** Blank

Completion **Screen Material** Blank

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to_____

LIFT DATA - **Pump Mfr. -** **Type -** NONE **No. Stages**

Bowls Diam - **in.** **Setting -** **ft.** **Column Diam. -** **in.**

Motor Mfr. - **Fuel or Power -** blank **Horsepower -**

YIELD Flow- **GPM** **Pump** **GPM** **Meas.,Rept.,Est.-** **Date-**

WATER USE **Primary -** UNUSED **Secondary -** blank **Tertiary -** blank

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** Y **Logs -** **Other Data -**

WATER LEVELS 2 measurements
1931 to 1948
MIN -110.3 MAX -74.7

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
Screen from 511 to 571 ft. Well destroyed.

Aquifer - 112CHCTL **ID -** 15

CHICOT AQUIFER.LOWER

Please use black ink.
Send original copy by certified mail to the
Texas Water Commission
P.O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Willowick Condominion Assn (Name) Address 2200 Willowick Dr. Houston, Tx. 77027 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 5¼ miles in W SW (N.E., S.W., etc.) direction from Center of DT Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Well is at 2200 Willowick Dr.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☐ Industrial ☐ Monitor ☒ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:

Date Drilling: Started 16 July 1990 Completed 20 " 1990

9¼ 50 to 431

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
20	Surface	6'
14 3/4	6	50
6¼	50	501

From (ft.)	To (ft.)	Description and color of formation material
0	4	rotary
4	20	clay
20	28	red sand
28	55	" clay
55	70	sand
70	215	clay with sand stks.
215	246	sand
246	309	clay with sand strks
309	312	rock
312	318	clay
318	336	sand
336	388	clay
388	395	sand
395	398	rock
398	406	clay
406	408	rock
408	420	clay
420	453	sand
453	456	broken
456	471	sand
471	475	clay
475	490	sand
490	492	rock
492	501	sand

Additional screen
485 to 490 10 sn
493 498 10 Gh

(Use reverse side if necessary)

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	To	Gage Casing Screen
10	N	10" conductor	GL	50	.250
5	N	casing (5½)	Plus2	406	15.5
5	N	Casing "	40	425	14.5
3	N	SS RB Screen	426	441	16
"	"	" " "	454	464	12

Plus 8% Jel

9) CEMENTING DATA (Rule 319.44(b))
Cemented from Gl ft. to 40 ft. No. of Sacks Used 12
Gl ft. to 426 ft. No. of Sacks Used 66
Method used Halliburton Method
Cemented by Swinehart Co.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 263 ft. below land surface Date 20 June 90
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Two 5 x3 K Packers Depth 418 & 419'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 346 ft.

14) WELL TESTS:
Type Test: ☒ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 77 gpm with 38 ft. drawdown after 4 hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☒ Yes ☐ No

RECEIVED AUG 2 5 1990

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME B.J. Swinehart Co. Inc (Type or Print) Water Well Driller's License No. 229

ADDRESS 7524 N. Freeway (Street or RFD) Houston, Texs (City) (State) 77037 (Zip)

(Signed) [signature] (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. _____
Located on map _____

TWC-0392 (Rev. 06-10-86)

TEXAS WATER COMMISSION COPY

4820107670

EDNA WOOD LABORATORIES INC.

WATER TECHNOLOGISTS · · CHEMISTS · · MICROBIOLOGISTS

16 August 1990

To: B. J. Swinehart Company
7524 North Freeway
Houston, Texas 77037

For: Mr. B. J. Swinehart

Sample marked: Wellowick Apts. Water Well - taken 8-8-90

Received: 8-9-90

WATER ANALYSIS
results in parts per million (mg/l) except as noted

Dissolved Residue at 350° C		327	Conductance, micromhos/cm, 25°C		580
Total Dissolved Solids, actual†		461	Color, units		5
Total Dissolved Solids, calc.		467	Turbidity, units		0.05
Silica	SiO_2	21	As Calcium Carbonate, $CaCo_3$:		
Calcium	Ca	62	Phenolphthalein Alkalinity		0
Magnesium	Mg	12	Total Alkalinity		216
Sodium (diff.) Na + K as	Na	45	Total Hardness		202
Carbonate	CO_3	0	Free Carbon Dioxide	CO_2	7.2
Bicarbonate	HCO_3	264	pH . . . 7.56 at 77°C		
Sulfate	SO_4	14	HYPOTHETICAL COMBINATIONS		
Chloride	Cl	49			
Total Fluoride	F	0.2			
Total Nitrate	NO_3	< 0.4			
Total Manganese	Mn	< 0.01			
Total Iron	Fe	0.12			
Iron, filtered sample	Fe				

†Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO_3) ion

EDNA WOOD LABORATORIES, INC.

9516
pm

By: Alice Perry, Supervising Chemist

Tel: (713) 747-7271 • P. O. BOX 14171 • 4820 OLD SPANISH TRAIL • HOUSTON, TEXAS 77021

SEE 492 MAP
Houston Heights
HOUSTON
EUREKA YARD
KATY MKT
WESTPORT
WEST FRWY.
HEMPSTEAD
KATY RD
WASHINGTON
SHEPHERD DR
N. SHEPHERD
DURHAM
Memorial Park
G.C.
MEMORIAL DR
PICNIC LN
SOUTH PICNIC LN
GLEN-OVER
River Oaks C.C.
River Oaks
River Oaks Blvd
Buffalo Bayou
ALLEN PKWY
St. Thomas H.S.
SAN FELIPE
WESTHEIMER
Johns
Lanier
FAIRVIEW
MONTROSE
WESTPARK
BISSONNET
WROXTON
SEE 532 MAP
SEE 491 MAP
SEE 493 MAP
0 ¼ ½ ¾ 1 Mi.

© KEY MAPS INC.

W.L. 41 ✓ DWB

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-12-9P
Located on map YES
Received: RWB

1) OWNER Sunbelt Landscape (Name) Address P.O. Box 7367 (Street or RFD) Westheimer (City) TX (State) 77388 (Zip)

2) LOCATION OF WELL: West Lane #9
County HARRIS 7 miles in W (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ See attached map. ?

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 10/29/80

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	360

7) BOREHOLE COMPLETION:
☐ Open Hole ☑ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	16	Clay
16	19	Sand
19	37	Clay
37	65	Sand.
65	210	Clay
210	237	Sand.
237	275	Clay
275	289	Sand.
289	300	Clay
300	330	Sand (Reduction)

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Steel	0	310	
2	N	Plastic	310	320	.016
2	N	Plastic	320	330	.020

CEMENTING DATA
Cemented from 260 ft. to 310 ft.
Method used Halliburton
Cemented by B&S. (Company or individual)

9) WATER LEVEL:
Static level 232 ft. below land surface Date 10/30/80
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 294 ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 46 gpm with 41 ft. drawdown after 2 hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Craig O. Bussell (Type or Print) Water Well Drillers Registration No. H2035 AUG 24 1982

ADDRESS 9739 N. Hal. Rosslyn Houston TX 77088 (Street or RFD) (City) (State) (Zip)

(Signed) Craig Bussell (Water Well Driller) Bussell + Son, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

4820110910

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

(15)

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

(2)

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) **OWNER** River Oaks Baptist Church (Name) **ADDRESS** PO Box 720 (Street or RFD) Cypress (City) TX (State) 77429-0720 (Zip)

2) **LOCATION OF WELL:** Willowick
County Harris _____ miles in _____ (NE, SW, etc.) direction from _____ (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **LEGAL DESCRIPTION:**
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ **SEE ATTACHED MAP**

3) **TYPE OF WORK (Check):** ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☐ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☒ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) **DRILLING METHOD (Check):** ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) **WELL LOG:**
Date Drilling: Started 7-9 1991 Completed 7-11 1991

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
7 7/8	Surface	450
4 3/4	450	470

7) **BOREHOLE COMPLETION:** ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	17	Top Soil + Clay
17	26	Surface Sand
26	49	Clay
49	65	Sand
65	125	Clay
125	151	Sand
151	221	Clay
221	238	Sand
238	260	Clay
260	265	Sand

(Use reverse side if necessary)

8) **CASING, BLANK PIPE, AND WELL SCREEN DATA:**

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5	N	SDR17	0	450	
3	N	Galvanized	445	450	
3	N	PVC	450	470	.016

9) **CEMENTING DATA** [Rule 287.44(1)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used 6
400 ft. to 450 ft. No. of Sacks Used 3
Method used Halliburton
Cemented by Bussell + Son Inc.

10) **SURFACE COMPLETION**
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☒ Approved Alternative Procedure Used [Rule 287.71]

11) **WATER LEVEL:**
Static level 159 ft. below land surface Date 7-11-91
Artesian flow _____ gpm. Date _____

12) **PACKERS:**

Type	Depth
2 - R-Packers 3x5	445

13) **TYPE PUMP:** ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 336 ft.

14) **WELL TESTS:**
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☒ Estimated
Yield: 75 gpm with _____ ft. drawdown after _____ hrs.

RECEIVED
AUG 12 1991
TEXAS WATER WELL DRILLERS BOARD

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☐ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Bussell + Son Inc (Type or print) **WELL DRILLER'S LICENSE NO.** 2035

ADDRESS PO Box 874 (Street or RFD) Tomball (City) TX (State) 77377-0874 (Zip)

(Signed) Craig Bussell (Licensed Well Driller) (Signed) David Lehring (Registered Driller Trainee) CWB

Love

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 15 Located on map 65-13-5

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

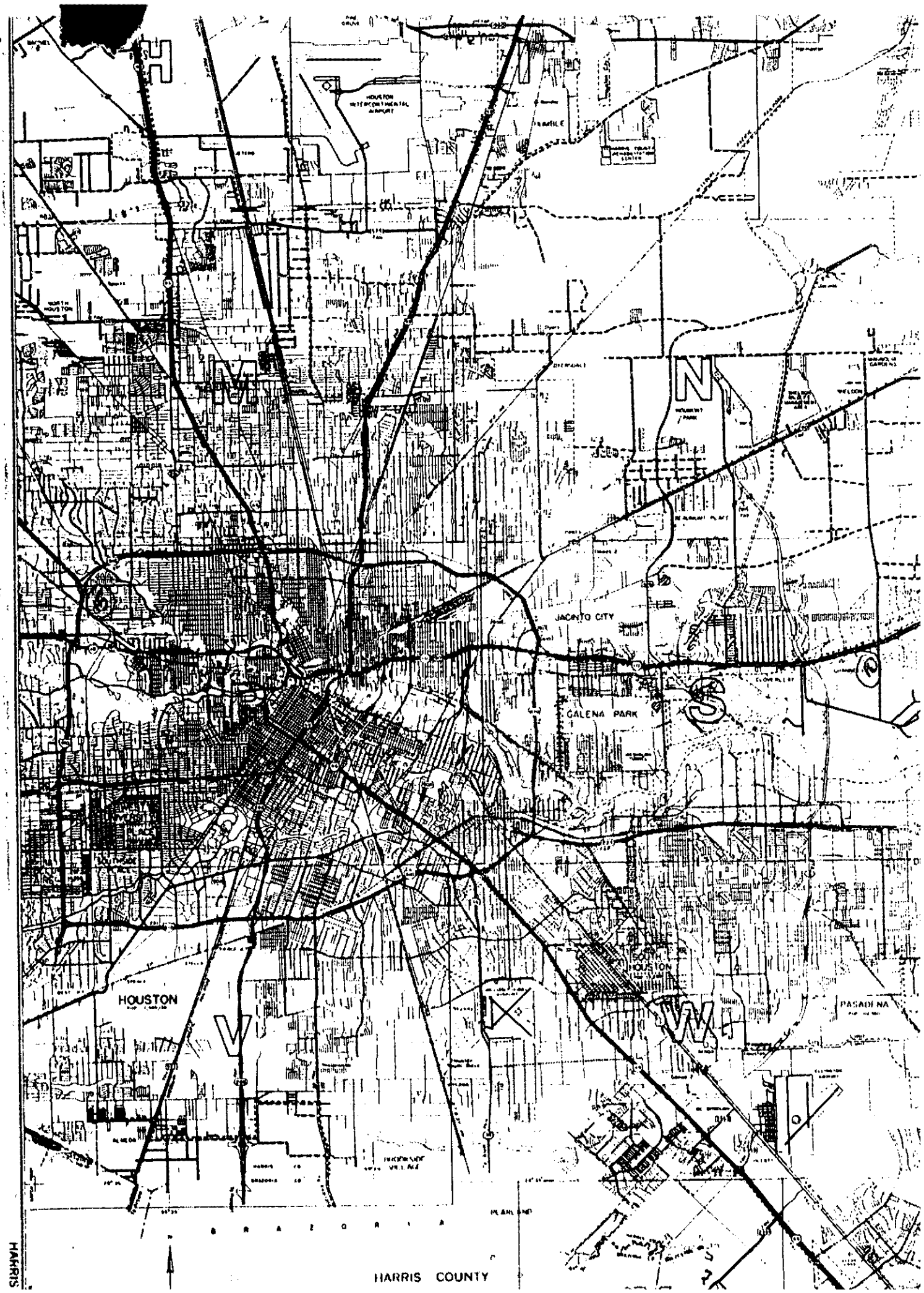
IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING PRIVILEGE OF CONFIDENTIALITY

The Water Well Drillers Board and the Texas Water Commission are concerned that some persons having wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every licensed water well driller drilling, deepening or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within 60 days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. Each copy of a well log, other than a Commission copy, shall include the name, mailing address, and telephone number of the Board and the Commission. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential.

From (ft.)	To (ft.)	Description and color of formation material
265	284	Clay
284	325	Sand
325	380	Clay + Sand Streaks
380	400	Sand
400	419	Clay
419	470	Sand


HOUSTON INTERCONTINENTAL AIRPORT
JACINTO CITY
GALENA PARK
SOUTH HOUSTON
HOUSTON
PASADENA
HARRIS COUNTY

10/06/2021
04:10:44

Texas Commission on Environmental Quality
DWW Water System Summary Sheet

PWS ID	PWS Name	Central Registry RN
TX1012723	WILLOWICK CONDOMINIUM ASSOCIATION THE	RN101259125

Organization/Customer *	Central Registry CN
null	null

*Regulatory mail will be addressed to this organization/person

All Water System Contacts		
Type	**Contact**	**Communication**

Operator Grade	Number

Water Operator Licenses
No Licensing Data for this PWS

Owner Type	Owner Type Options: COUNTY, DISTRICT, FEDERAL GOVERNMENT, INVESTOR OWNED, MUNICIPALITY, NATIVE AMERICAN, PRIVATE, STATE GOVERNMENT, WATER SUPPLY CORPORATION
Water Supply Corporation	

System Type	System Type Options: COMMUNITY, TRANSIENT/NON-COMMUNITY, NON-PUBLIC, NON-TRANSIENT/NON-COMMUNITY
NP - NON-PUBLIC	

Population Type	Population Served	# of Connect	# I/C w/other PWS
Residential	150	117	0

Total Product (MGD)	Average Daily Consump.	Max Daily Demand (MGD)	Total Storage (MG)	Elev. Storage (MG)	Service Pump Cap.	Max.Purchase Cap. (MGD/GPM)	Pressure Tank Cap. (MG)

Activity Status	Inactivation Date
I - INACTIVE	10/14/2003

Last Survey Date	Surveyor	Survey Type	Region	County
No Site Visit Data				

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP001	TRT-TAP / Ground Water(I)	THE WILLOWWICK(I)	TP6859		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	423	HYPOCHLORINATION, PRE
null	null	C	449	INHIBITOR, SILICATE
null	null	S	460	ION EXCHANGE
null	null	P	660	SEDIMENTATION

(Active Sources)

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth
G1012723A	1 - SW OF PROPERTY	O	464

Code Explanations
Monitoring Type Codes: (GW) GROUNDWATER , (GUP) GROUNDWATER UNDER THE INFLUENCE - PURCHASED , (SWP) SURFACE WATER - PURCHASED , (GU) GROUNDWATER UNDER THE INFLUENCE OF SURFACE WATER , (N) NO SOURCES , (SW) SURFACE WATER
Activity Status Codes: (A) ACTIVE , (D) DELETED/DISSOLVED , (I) INACTIVE , (P) PROPOSED ,
Operational Status Codes: (E) EMERGENCY , (I) INTERIM/PEAK (O) OTHER , (P) PERMANENT , (S) SEASONAL
Source Types: (G) GROUND WATER , (S) SURFACE WATER , (U) GROUND WATER UNDER THE INFLUENCE

- End of Report -

At the time of your query this data was the most current information available from our database, which is in real time. Every effort was made to retrieve it according to your query. Thank-you for using DWW.

(35)

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-21-2E
Located on map 9CS
Received: C.F.S.

1) OWNER Gaylord Construction CO. (Name) Address P.O. Box 36348 Houston, Texas (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris, ____ miles in ____ (N.E., S.W., etc.) direction from ____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. ____ Block No. ____ Township ____
Abstract No. ____ Survey Name ____
Distance and direction from two intersecting section or survey lines ____
☐ See attached map. mapon 65-13-5F

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other ____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other ____

6) WELL LOG:

Date drilled 8-7-81

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
4 3/4	Surface	351
6 3/4	"	336

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☒ Other Two-String
If Gravel Packed give interval . . . from ____ ft. to ____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	3	Surface
3	26	Red and gray clay
26	49	Sand
49	70	Red Clay
70	81	Red and gray clay
81	105	Sand
105	155	Red and gray clay and ~~sand streaks~~
155	163	Sand
163	174	red and gray clay
174	211	Sand
211	217	Red and gray clay
217	249	Sand
249	307	Red and gray clay
307	351	Sand 14 ga.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4"	N	SCH 40 PVC Casing	+18"	336'	
2 1/2	N	WOP Well Supplies,			
		Inc. PVC Screen	351'	341	14ga.
2 1/2	N	SCH 80 PVC Blank			
		Liner	341	331	

CEMENTING DATA
Cemented from 336' ft. to 168' ft.
Method used Pressure Cement
Cemented by ~~XX~~ Raymond Water Wells (Company or Individual)

9) WATER LEVEL:
Static level 245' ft. below land surface Date 8-11-81
Artesian flow ____ gpm. Date ____

10) PACKERS: Type "K" Depth 331'

RECEIVED
AUG 23 1982
DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

11) TYPE PUMP: ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other ____
Depth to pump bowls, cylinder, jet, etc., 294 ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☒ Estimated
Yield: 16 gpm with 10 ft. drawdown after 3 hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME C.A. Raymond, Jr. (Type or Print) Water Well Drillers Registration No. 774

ADDRESS 10011 Airline Drive (Street or RFD) (City) Houston, Texas 77037 (State) (Zip)

(Signed) C.A. Raymond Jr. (Water Well Driller) Raymond Water Wells (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

V

6

( ) OF TEXAS WATER WELL REPORT K. 149PJ

1) OWNER: YOUNG, JOHN ADDRESS: 11 BRIARWOOD COURT CITY: HOUSTON STATE: TX ZIP:
2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION: SEE ATTACHED MAP: 00120
Section No.: Block No.: Township:
Abstract No.: Survey Name:
Distance and direction from two intersecting section or survey lines: on 65-13-8

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00120

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.0	0	377
5.0	377	400

7) BOREHOLE METHOD:
TWO STRING/K-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 06/13/89

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	16	CLAY-RED
16	30	SAND-TAN-FINE
30	45	CLAY-RED
45	50	SAND-TAN-.006-.008
50	225	CLAY-RED
225	245	SAND-WHITE-.014-.020
245	265	CLAY-WHITE
265	280	SAND-WHITE-.010-.012
280	310	CLAY / SAND STREAKS
310	330	SAND-WHITE-.010-.012
330	331	CLAY-BLUE
331	344	SAND-WHITE-.010-.012
344	381	CLAY-RED
381	398	SAND-WHITE-.014-.020
398	400	CLAY-RED

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	377	
3.0	N	P.V.C. SCH.80	372	382	LINER
3.0	N	STAINLESS - ROD BASE	382	388	.012
3.0	N	STEEL, NEW, GALV.	388	400	S.T.N.

9) CEMENTING DATA:
Cemented from 77 FT. TO 377 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: ALMEDA WATER WELL

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 242 FT. DATE: 06/13/89
ARTESIAN FLOW: GPM. DATE:

RECEIVED
SEP 20 1989
TEXAS WATER COMMISSION

12) PACKERS: TYPE DEPTH

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 357

14) WELL TEST:
JETTED
YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 400 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY
WELL NO. 65-21-2
LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) John A. Pylam (LICENSED WATER WELL DRILLER) (signed) (REGISTERED DRILLER TRAINEE)

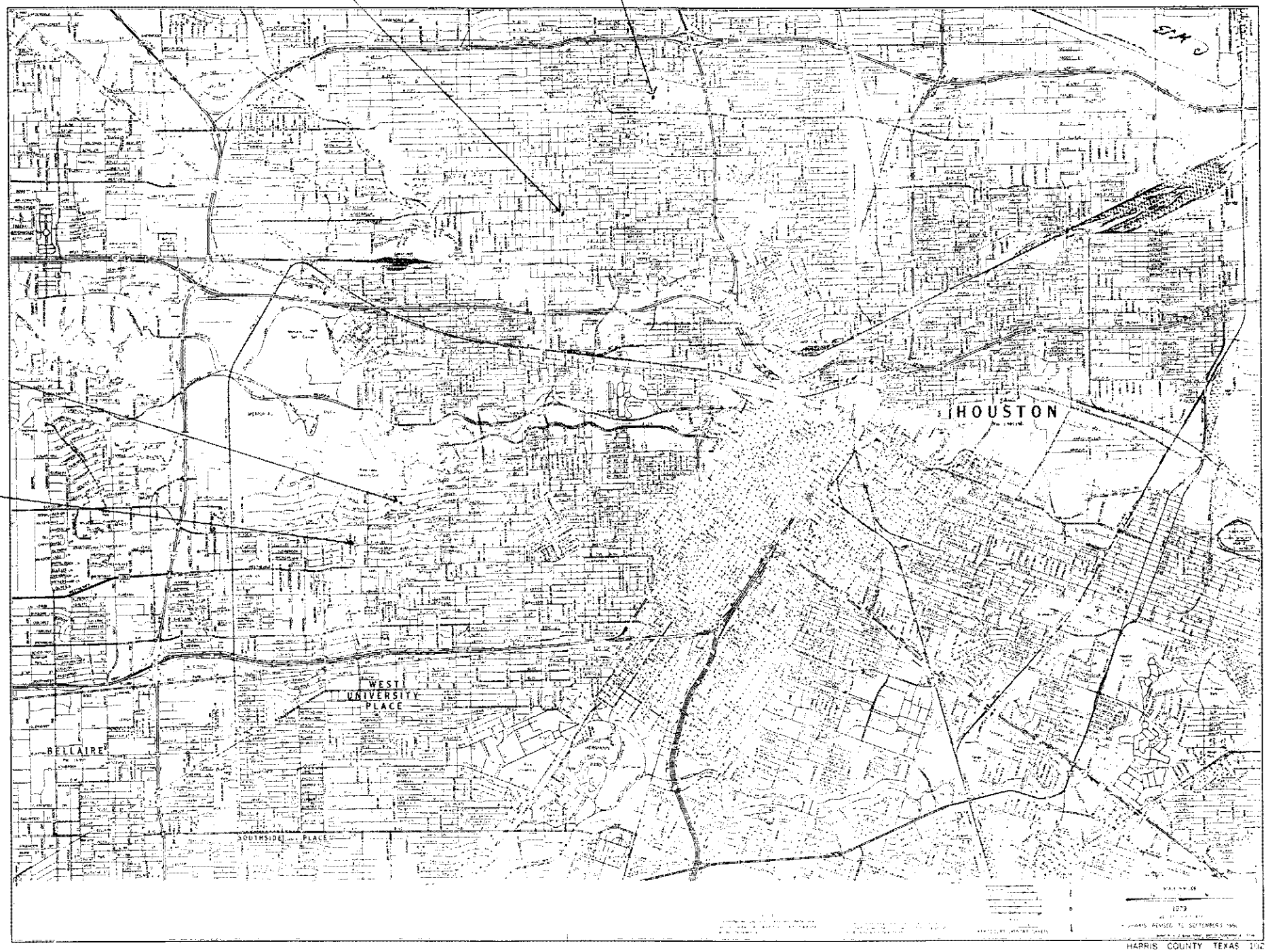
CWB

11th Street Washateria

Farmers Mkt. Washateria

Jim Kempner

John Young



HARRIS COUNTY TEXAS 1962

STATE OF TEXAS WATER WELL REPORT

1) OWNER: GORDON, DOUGLAS ADDRESS: #6 BRIARWOOD COURT CITY: HOUSTON STATE: TX ZIP: 77006-

2) LOCATION OF WELL: County: HARRIS 15 miles in N direction from FRESNO

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00353

DIAMETER OF HOLE

DIAMETER	FROM	TO
7.5	0	380'
4.5	380'	401'

7) BOREHOLE METHOD:

TWO STRING/K-PACKER

IF GRAVEL... FROM FT. TO FT.

FROM FT. TO FT.

DATE DRILLED: 10/02/90

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	10	CLAY-BROWN
10	25	SAND-TAN-FINE
25	35	CLAY-RED
35	40	SAND-RED-FINE
40	56	SAND-RED-.006-.008
56	175	CLAY-RED
175	195	SAND-WHITE-.006-.008
195	227	CLAY-WHITE
227	247	SAND-WHITE-.014-.020
247	271	CLAY-BLUE
271	275	SAND-WHITE-.006-.008
275	327	CLAY-WHITE
327	339	SAND-GRAY-.010-.012
339	360	CLAY-BLUE
360	372	SAND-WHITE-.006-.008
372	378	CLAY-BLUE
378	401	SAND-TAN-.010-.012

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
5	N	P.V.C. S.D.R.17	0	380'		CASING
3	N	STEEL, NEW, GALV.	372'	381'		LINER
3	N	STAINLESS - ROD BASE	381'	401'		.008

9) CEMENTING DATA:

Cemented from 0 FT. TO 380 FT.

FT. TO FT.

Method used: PRESSURE-HALIBURTON

Cemented by: AWWS

10) SURFACE COMPLETION:

APP. ALTER. PROCD.

11) WATER LEVEL:

STATIC LEVEL : 249' FT DATE: 10/05/90

ARTESIAN FLOW: GPM DATE:

12) PACKERS: TYPE DEPTH

RECEIVED APR 18 1991 TEXAS WATER WELL DRILLERS BOARD

13) TYPE PUMP:

SUBMERSIBLE

DEPTH TO PUMP: 336'

14) WELL TEST:

JETTED

YIELD: 80 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:

TYPE OF WATER: GOOD DEPTH OF STRATA: 401' NO CHEMICAL ANALYSIS MADE

NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843

ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY

WELL NO. 6521-2

LOCATED ON MAP

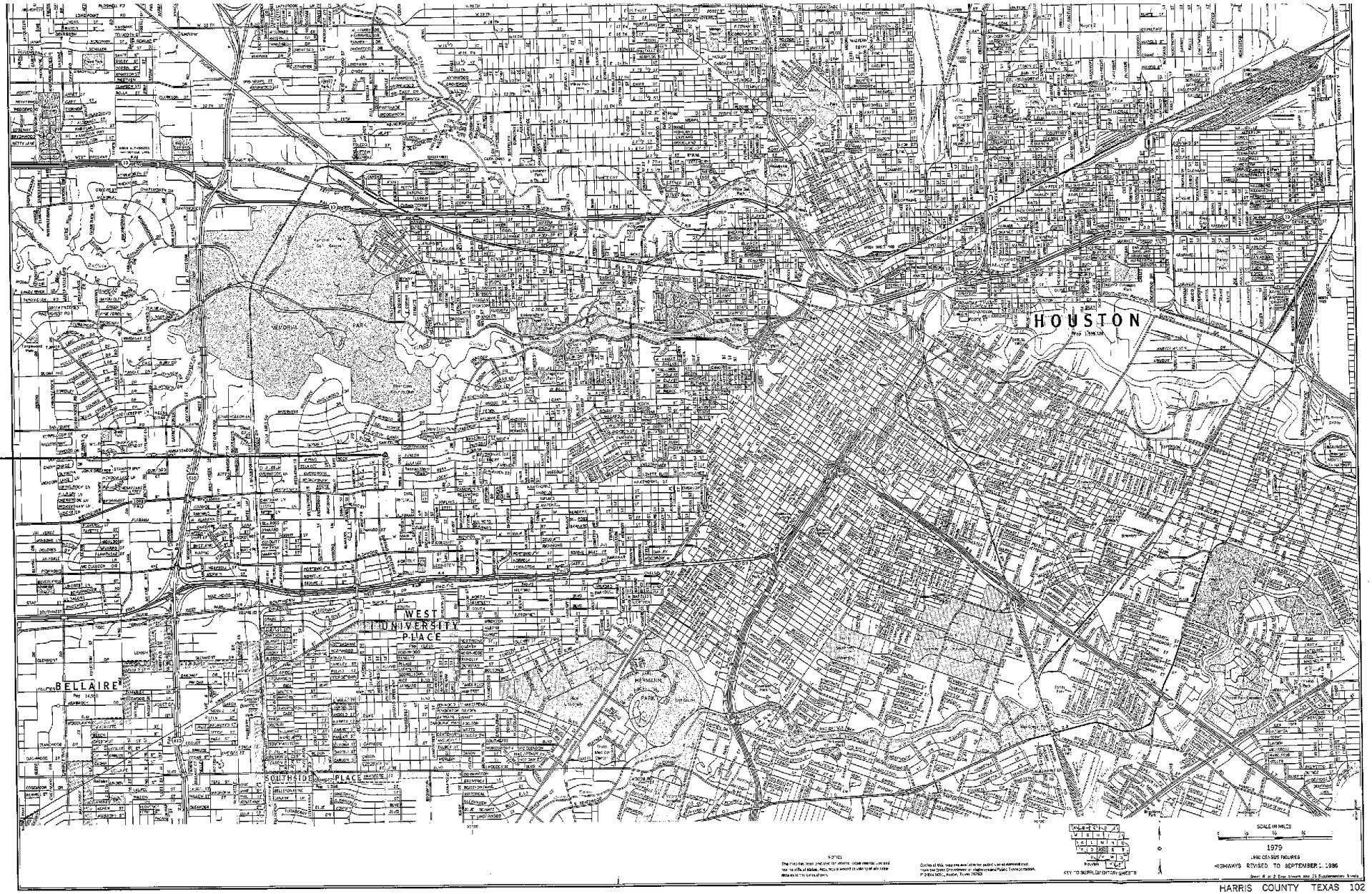
I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Mike Pybren (LICENSED WATER WELL DRILLER)

(signed) (REGISTERED DRILLER TRAINEE)

CWP

GORDON



HARRIS COUNTY TEXAS 102

CWB

STATE OF TEXAS WATER WELL REPORT

1) OWNER: RAYMOND WATER WELL SERV. ADDRESS: 315 TIMBERWILDE CITY: HOUSTON STATE: TX ZIP: -
2) LOCATION OF WELL: County: HARRIS miles in N direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00715

DATE DRILLED: 07/14/93

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.0	0	335
4.875	335	360

7) BOREHOLE METHOD:
TWO STRING/K-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	335	CASING
3.0	N	P.V.C. SCH.40	330	335	LINER
3.0	N	P.V.C. - SLOTTED	335	342	.010
3.0	N	P.V.C. - SLOTTED	342	352	.012
3.0	N	P.V.C. SCH.40	352	360	BLANK

WELL # 65-13-7

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	4	FILL SOIL
4	17	CLAY-WHITE CLAY-BROWN
17	23	ROCK CLAY-BROWN ROCK
23	40	SAND-TAN-.006-.008
40	93	CLAY-RED
93	98	SAND-TAN-.010-.012
98	213	CLAY-RED
213	225	SAND-TAN-.010-.012 SAND-TAN-.014-.020
225	270	CLAY-RED
270	275	SAND-TAN-.010-.012
275	276	ROCK
276	285	CLAY-RED
285	307	SAND-TAN-.010-.012 SAND-TAN-.014-.020
307	314	SHALE
314	352	SAND-WHITE-.010-.012 SAND-WHITE-.014-.020

9) CEMENTING DATA:
Cemented from 0 FT. TO 335 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 210 FT. DATE: 07/15/93
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

RECEIVED
AUG 25 1994
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

13) TYPE PUMP:
CUSTOMER INSTALLED
DEPTH TO PUMP:

14) WELL TEST:
JETTED
YIELD: 75 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 360 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLERS LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 13 WILL RESULT IN THE LOGS BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) John A. Pylburn (signed) _____
(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)

482010 7567

STATE OF TEXAS WATER WELL REPORT (PAGE 2)

OWNER: RAYMOND WATER WELL SERV. ADDRESS: 315 TIMBERWILDE CITY: HOUSTON STATE: TX ZIP: -

352	358 SHALE-SAND STREAKS	
358	360 SHALE	

Send original copy by certified mail to: **TNRCC, P.O. Box 13087, Austin, TX 78711-3087**

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** JOE MUNDY (Name) **ADDRESS** 315 Timberwilde (Street or RFD) Hstn (City) TX (State) 77024 (Zip)

2) **ADDRESS OF WELL:** County HARRIS 315 Timberwilde (Street, RFD or other) Houston (City) TX (State) (Zip) **GRID #** 65-13-7

3) **TYPE OF WORK (Check):** ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N

6) **WELL LOG:**
Date Drilling: Started 4-10 19 96 Completed 4-15 19 96

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
7 7/8	Surface	335
4 3/4	335	355

7) **DRILLING METHOD (Check):** ☐ Driven ☐ Air Rotary ☑ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	18	TOP SOIL & CLAY
18	27	SURFACE SAND
27	195	CLAY
195	217	SAND
217	324	SANDY CLAY
324	240	CLAY
240	330	SAND
330	335	CLAY
335	355	SAND

(Use reverse side if necessary)

8) **Borehole Completion (Check):** ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5	N	SDR17	0	335	
3	N	GALVANIZED	330	335	
3	N	PVC SCREENS	335	345	.014
3	N	PVC SCREENS	345	355	.016

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from 0 ft. to 335 ft. No. of sacks used 35
ft. to _____ ft. No. of sacks used _____
Method used Halliburton
Cemented by BUSSELL & SON INC
Distance to septic system field lines or other concentrated contamination _____ ft.
Method of verification of above distance _____

10) **SURFACE COMPLETION**
☐ Specified Surface Slab Installed [Rule 338.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) **WATER LEVEL:**
Static level 205 ft. below land surface Date 4-15-96
Artesian flow _____ gpm. Date _____

12) **PACKERS:**

Type	Depth
K-PACKER	330

13) **TYPE PUMP:**
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) **WELL TESTS:**
Type test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 100 gpm with _____ ft. drawdown after _____ hrs.

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME BUSSELL & SON INC (Type or print) **WELL DRILLER'S LICENSE NO.** 2035

ADDRESS P O BOX 874 (Street or RFD) Tomball (City) TX (State) 77377-0874 (Zip)

(Signed) Craig O. Bussell (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

48201075-76

Please attach electric log, chemical analysis, and other pertinent information, if available.

Send original copy by certified mail to: **Texas Water Commission, P.O. Box 13087, Austin, Texas 78711** KM49IE,J 4 *Please use black ink.*

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) **OWNER** MR Blackwell (Name) **ADDRESS** 621 N. Post Oak Lane #901 Hstn TX 77024 (Street or RFD) (City) (State) (Zip)

2) **LOCATION OF WELL:** Timberwilde
County Harris . _____ miles in _____ (NE, SW, etc.) direction from _____ (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **LEGAL DESCRIPTION:**
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☐ **SEE ATTACHED MAP** 0160-59-6

3) **TYPE OF WORK (Check):** ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) **DRILLING METHOD (Check):** ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) **WELL LOG:**
Date Drilling: Started 7/13 1984 Completed 7/14 1984

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	402

7) **BOREHOLE COMPLETION:** ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	18	Top Soil & Clay
18	38	Surface Sand
38	78	Clay
78	115	Sand
115	195	Clay
195	250	Sand
250	276	Clay
276	348	Sand
348	365	Clay
365	402	Sand

(Use reverse side if necessary)

8) **CASING, BLANK PIPE, AND WELL SCREEN DATA:**

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	N	PVC	0	380	
2	N	Galv.	374	382	
2	N	PVC	382	392	.014
2	N	PVC	392	402	.014

9) **CEMENTING DATA** [Rule 287.44(1)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used _____
330 ft. to 350 ft. No. of Sacks Used _____
Method used Halliburton
Cemented by Bussell & Son, Inc.

10) **SURFACE COMPLETION**
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☑ Approved Alternative Procedure Used [Rule 287.71]

11) **WATER LEVEL:**
Static level 229 ft. below land surface Date 7-14-84
Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type: K-Packer Depth: 374

13) **TYPE PUMP:** ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

RECEIVED DEC 14 1989

14) **WELL TESTS:**
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 20 gpm with 25 ft. drawdown after 3 hrs.

15) **WATER QUALITY:**
Did the drilling penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Bussell & Son Inc (Type or print) **WELL DRILLER'S LICENSE NO.** 2035

ADDRESS P.O. Box 874 (Street or RFD) Tomball (City) TX (State) 77375 (Zip)

(Signed) Craig Bussell (Licensed Well Driller) (Signed) David L Young (Registered Driller Trainee)

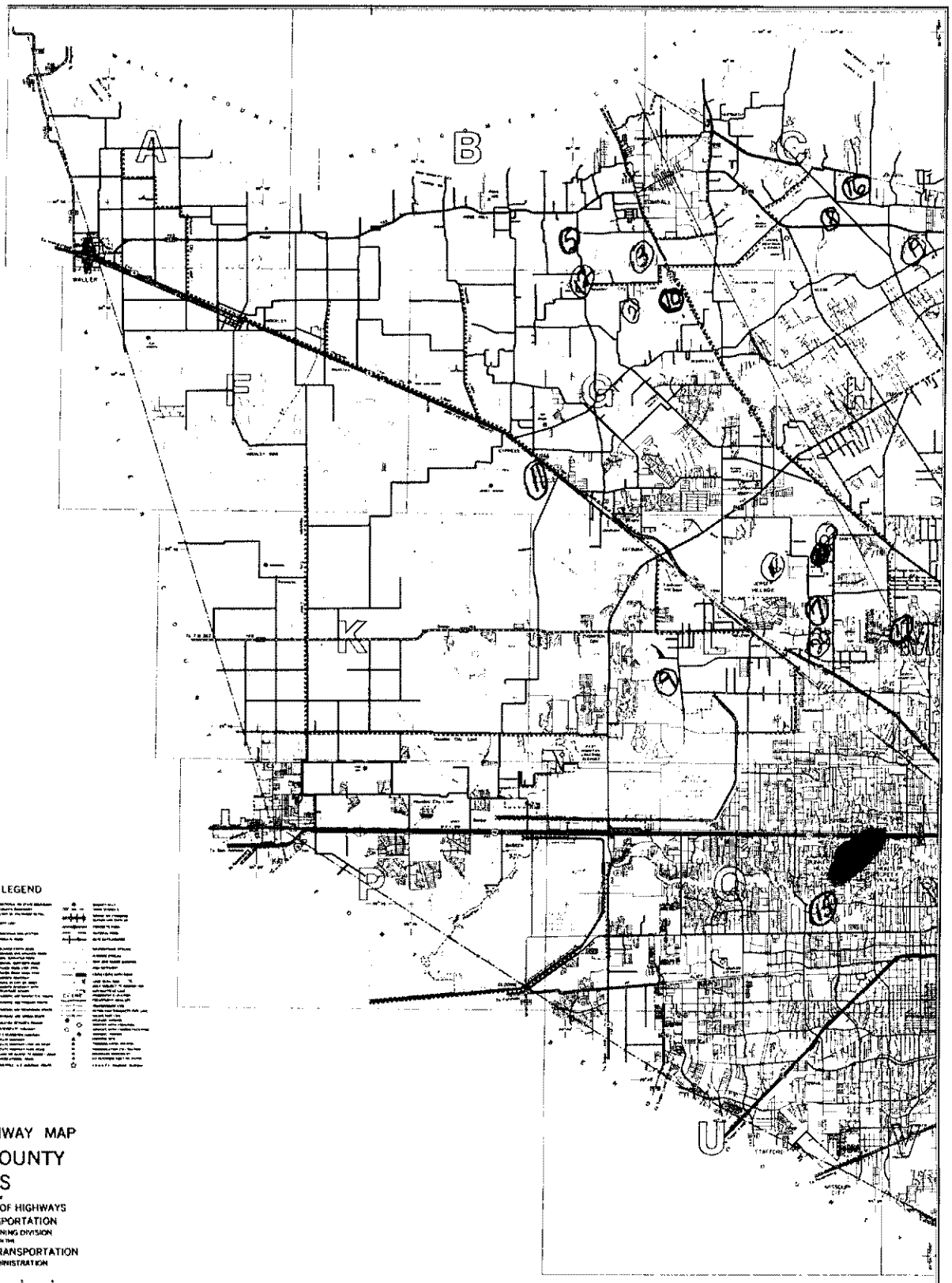
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 65129 Located on map ___

4820110917

WWD-012 (Rev. 09/21/88)

TEXAS WATER COMMISSION COPY



LEGEND

GENERAL HIGHWAY MAP

HARRIS COUNTY

TEXAS

PREPARED BY THE

STATE DEPARTMENT OF HIGHWAYS

AND PUBLIC TRANSPORTATION

TRANSPORTATION PLANNING DIVISION

IN COOPERATION WITH THE

U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

SCALE IN MILES

1979

1980 CENSUS FIGURES

HIGHWAYS REVISED TO SEPTEMBER 1, 1980

KEY TO BASE MAPS

KEY TO SUPPLEMENTARY MAPS

KEY TO COUNTIES

NOTICE

HARRIS COUNTY TEXAS 102

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: MORROW, JANET ADDRESS: 386 NORTH POST OAK LANE CITY: HOUSTON STATE: TX ZIP: 77024-

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-13-7
Street or RFD: 444 TIMBERWILDE
City, State, Zip code: HOUSTON , TX -

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: SINGLE FAMILY RESID
If Public Supply well, were plans submitted to the TNRCC?

5)

6) WELL LOG: 01615

DATE DRILLING:
STARTED: 03/02/99
COMPLETED: 03/12/99

DIAMETER OF HOLE

DIAMETER	FROM	TO
9.0	0	320
4.875	320	330

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: TWO STRING/K-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	320		CASING
3.0	N	P.V.C. SCH.40	314	320		LINER
3.0	N	P.V.C. - UNDERBAR	320	330		.012

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	24	CLAY-GRAY CLAY-RED
24	36	SAND-TAN-.006-.008
36	80	CLAY-RED
80	86	SAND-TAN-.006-.008
86	98	CLAY-BROWN
98	110	SAND-TAN-.010-.012 SAND-TAN-.014-.020
110	152	CLAY-BROWN
152	165	SAND-TAN-.010-.012
165	179	CLAY-BROWN
179	187	SAND-TAN-.010-.012 SAND-TAN-.014-.020
187	236	CLAY-RED
236	250	SAND-TAN-.010-.012
250	256	CLAY-GRAY
256	264	SAND-WHITE-.006-.008

9) CEMENTING DATA:
Cemented from 0 FT. TO 320 FT. No. of Sacks Used 50
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: ANWS
Distance to septic field lines: N/A ft.
Method of verification of above distance:
CITY SEWER

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 196 FT. DATE: 03/04/99
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
K-PACKER	314-
K-PACKER	315-
BURLAP	----

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 276

14) WELL TEST:
JETTED
YIELD: 125 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 331 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843, 2350, 2843
ADDRESS: P.O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TWC USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Carl Lofton (signed) _____
(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)

48201237 26

ATTENTION OWNER: Confidentiality
Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: DUNKIN ADDRESS: 422 TIMBERWILDE CITY: HOUSTON STATE: TX ZIP: -

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-13-7
Street or RFD: 422 TIMBERWILDE
City, State, Zip code: HOUSTON , TX - 77024

5)

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: SINGLE FAMILY RESID
If Public Supply well, were plans submitted to the TNRCC? N

6) WELL LOG: 02060
DATE DRILLING:
STARTED: 02/22/01
COMPLETED: 03/09/01

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.0	0	310
4.875	310	330

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: TWO STRING/K-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	310	CASING
3.0	N	P.V.C. SCH.40	302	310	LINER
3.0	N	P.V.C. - SLOTTED	310	330	.012

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
0	3	SOIL
3	26	CLAY-GRAY CLAY-RED
26	32	SAND-RED-FINE
32	148	CLAY-RED CLAY-GRAY
148	171	SAND-TAN-.010-.012 SAND-TAN-.014-.020
171	212	CLAY-RED CLAY-BLUE
212	224	SAND-TAN-.010-.012
224	236	CLAY-GRAY
236	288	SAND-TAN-.006-.008 SAND-TAN-.010-.012
288	302	CLAY-RED CLAY-BLUE
302	330	SAND-WHITE-.010-.012 SAND-WHITE-.014-.020
330	331	CLAY-RED

9) CEMENTING DATA:
Cemented from No. of Sacks Used
0 FT. TO 310 FT. 60
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS
Distance to septic field lines: N/A ft.
Method of verification of above distance:
CITY SEWER

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 198' FT. DATE: 02/26/01
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
K-PACKER	302
K-PACKER	303

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 275

14) WELL TEST:
JETTED
YIELD: 100 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 330 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843, 2843, 2350
ADDRESS: P.O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TWC USE ONLY
WELL NO.
LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Carl Loftin (LICENSED WATER WELL DRILLER) (signed) (REGISTERED DRILLER TRAINEE)

4820125336

STATE OF TEXAS WATER WELL REPORT 65-13-7

1) OWNER: EUDANK, MONTE ADDRESS: 405 TIMBERWILDE CITY: HOUSTON STATE: TX ZIP: -
2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: SINGLE FAMILY RESID 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00997

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.0	0	311
4.875	311	360

7) BOREHOLE METHOD:
TWO STRING/K-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 09/14/95

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	311		CASING
3.0	N	P.V.C. SCH.40	305	311		LINER
3.0	N	P.V.C. - SLOTTED	311	321		.012
3.0	N	P.V.C. SCH.40	321	331		BLANK
3.0	N	P.V.C. - SLOTTED	331	351		.008
3.0	N	P.V.C. SCH.40	351	360		BLANK

WELL # 65-13-7

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
0	3	SOIL
3	17	CLAY-TAN
17	18	ROCK
18	35	SAND-RED-.006-.008
35	214	CLAY-RED CLAY-GRAY
214	223	SAND-TAN-.010-.012
223	239	CLAY-RED
239	276	SAND-TAN-.010-.012 SAND-TAN-.014-.020
276	287	CLAY-GRAY
287	321	SAND-WHITE-.010-.012
321	322	ROCK
322	331	BROKEN SAND & CLAY
331	351	SAND-WHITE-.006-.008
351	357	BROKEN SAND & CLAY

RECEIVED JAN 30 1997 TEXAS NATURAL RESOURCES CONSERVATION COMMISSION

9) CEMENTING DATA:
Cemented from 0 FT. TO 311 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 210 FT. DATE: 09/15/95
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 296 '

14) WELL TEST:
JETTED
YIELD: 75 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: IRON DEPTH OF STRATA: 360 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843, 2350, 2843
ADDRESS: P.O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Carl Lofton (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

4820107577

STATE OF TEXAS WATER WELL REPORT (PAGE 2)

OWNER: EUBANK, MONTE	ADDRESS: 405 TIMBERWILDE	CITY: HOUSTON	STATE: TX ZIP: -
357 360 CLAY-RED			

RECEIVED
JAN 30 1997
TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711 Km 12B A

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER Stanley Johnson (Name) ADDRESS 2418 Paul Quinn (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris, 6 miles in N.W. (NE, SW, etc.) direction from Houston, Tx. (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☑ SEE ATTACHED MAP

on 65-06-5

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started Jan 2 1991 Completed Jan 11 1991

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	315
4 1/2	315	342

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other Two-String
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	50	Clay
50	55	Sand
55	160	Clay
160	180	Sand
180	225	Clay
225	240	Sand
240	315	Clay
315	340	Sand
340	342	Clay.

(Use reverse side if necessary)

RECEIVED MAR 5 1991 TEXAS WATER WELL DRILLERS BOARD

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	N	PVC	0	315	.40
3 1/2	N	P.V.C. liner	305	320	.40
4 1/2	N	PVC Screen	320	340	.12
2 1/2	N	P.V.C. Bottom Spacer	340	342	.40

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used 2
215 ft. to 315 ft. No. of Sacks Used 8
Method used Pressure
Cemented by CWW.

10) SURFACE COMPLETION
☑ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level 262 ft. below land surface Date Jan 11, 91
Artesian flow _____ gpm. Date _____

12) PACKERS:

Type	Depth
4 X 2 1/2 K	305'

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 304 ft.

14) WELL TESTS:
Type Test: ☑ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 10 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Potable Depth of strata 25 ft.
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Coastal Water Wells (Type or print) WELL DRILLER'S LICENSE NO. 812

ADDRESS P.O. Box 745 (Street or RFD) Porter (City), Tx. (State) 77365 (Zip)

(Signed) H. L. Gehrels (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 65-73-2 Located on map _____

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

36

65.05.7V (36)

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-05-7V
Located on map yes
Received: 75
dl

1) OWNER:
Person having well drilled MARION SADOWSKI (Name) Address 6605 FELDSPAR (Street or RFD) HOUSTON (City) (77018) (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS, _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.* ~~Bacon~~ ~~St.~~ Kilcrease St. 5200

Map on 60-60-7T North

(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
~~New Well~~ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
~~Domestic~~ Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
~~Rotary~~ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6½ in. Depth drilled 150' ft. Depth of completed well 150 ft. Date drilled 9/5/74

All measurements made from 4 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0 -	6'	Top Soil
6 -	80'	Clay -
80 -	150	Gravel & Sand

(Use reverse side if necessary)

9) Casing:
Type: Old ~~New~~ Steel ~~Plastic~~ Other
Cemented from 100 ft. to 140' ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	140	40
			30

10) SCREEN:
Type SSR
~~Perforated~~ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2"	140	150	.020

7) COMPLETION (Check):
~~Straight wall~~ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 60' ft. below land surface Date 9/6/74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 100' ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes ~~No~~ If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes ~~No~~
Did any strata contain undesirable water? Yes ~~No~~
Type of water? _____ depth of strata 10'

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Carl K. Bussell (Type or Print) Water Well Drillers Registration No. 1581

ADDRESS 5999 Pinemont (Street or RFD) Houston (City) Tex (State)

(Signed) Carl Bussell (Water Well Driller) Bussell & Son Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

65-12-6B

File original copy with
Texas Water Commission
P. O. Box 2311, Capitol Station
Austin 11, Texas

State of Texas

DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 65-12-6B
Located on map 4
By W Date 64
Map no. 10 2 B

1) Well Owner: A. H. Bingle (Name) 1205 Bingle Road (Street or RFD) Houston, Tex. (City, State)

2) Land Owner: Same (Name) (Street or RFD) (City, State)

3) Intended use: Industrial ☐ Municipal ☐ Irrigation ☐ Other Domestic

4) Location of well: County Harris Labor ____ League ____ Abstract No. ____

NW¼ NE¼ SW¼ SE¼ of Section ____ Block No. ____ Survey ____
(Circle as many as are known)

____ miles in ____ (NE, SW, etc.) direction from ____ (Town)

Bingle Road Crosses Hwy. 290 in th 12000 Block North West of Houston

North

OK

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 4" in. Date drilled 12/10/63

All measurements made from 0 ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	8	Surface Iron Ore	188	211	Sand Broken
8	24	Red & White Joint Clay	211	310	Brown Clay
24	36	Sand	310	395	White Clay
36	78	White Clay	395	420	Broken Sand
78	120	Sand	420	552	Shale, Stickey
120	134	~~Sand~~ White Clay	552	571	Sand
134	169	Sand	571	576	Shale Sandy
169	188	White Clay	576	590	Sand, Very Good
			590	591	Shale

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION

Straight wall ☒
Under reamed ☐
Gravel packed ☐
Open hole ☐
Other ____

CASING

Type: Old ☐ New ☒
Cemented from 555 ft.
to Surface ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
4	0	555

SCREEN

Type .012 Ga. LOP Stainless
Perforated ☐ Slotted ☒

Diameter (inches)	Setting from (ft)	Setting to (ft)
2½	568	558
2½	578	588
10' Blank Pipe Between 578 & 568.		
3' Blank Above Screen		

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

R B Lowry (Signature) LOWRY WATER WELLS (Company Name) Reg. No. ~~KK~~ 116

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA

Static water level 170 Ft.
ft. below ____

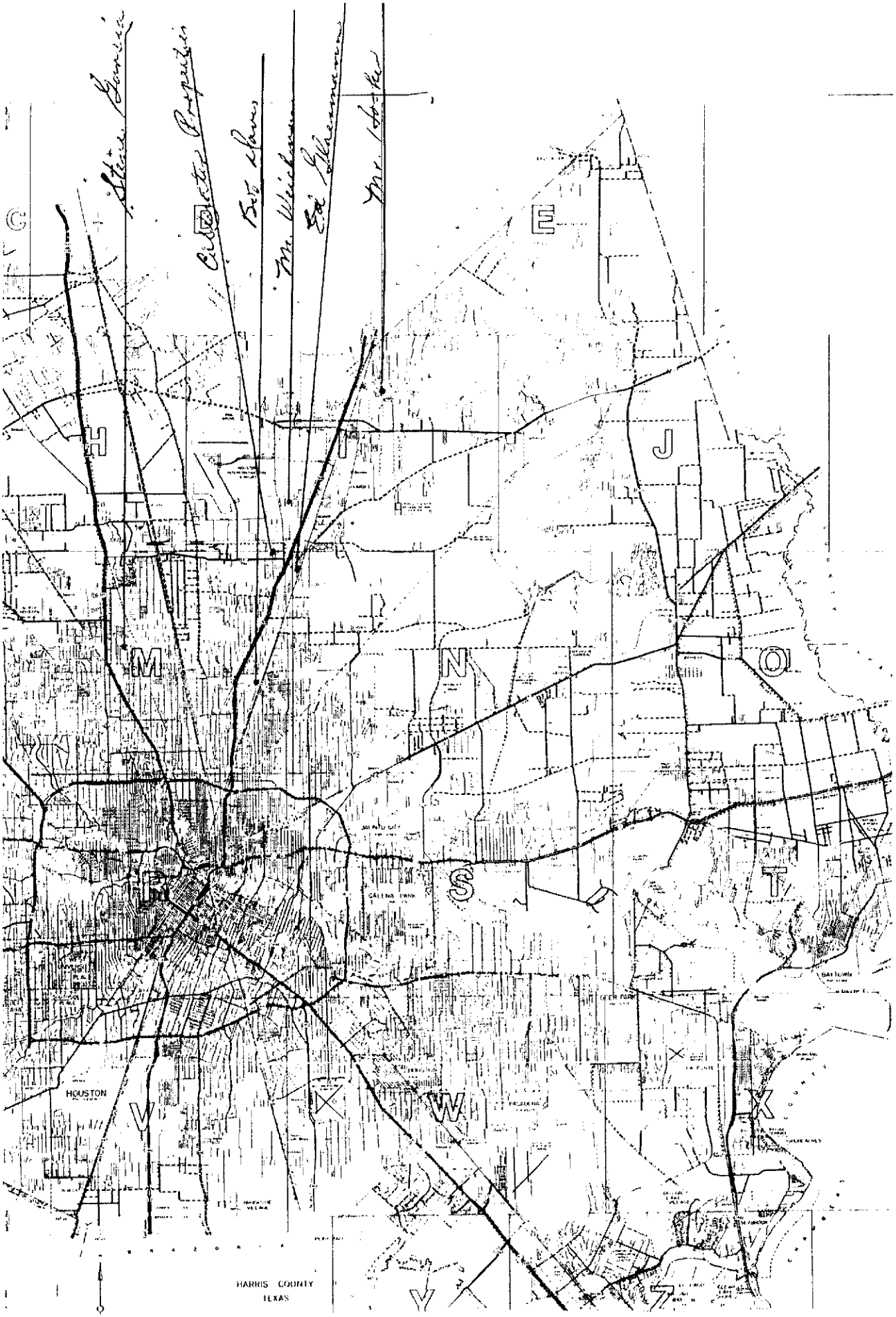
Pumping level

feet	hours	gpm

Pump type Fairbanks Morse Submersible
Designed pumping rate ____ gpm ☐ gph ☐
Type power unit Electric
Horsepower 3/4 HP
Depth to bowls, cylinder, jet, etc., 235 Ft. ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company: ____

C-34 (62-4)


Stiles Homes
Albert Properties
Bob Adams
Mr. Weichman
Ed Blackmon
Mr. Hoffer
HOUSTON
HARRIS COUNTY
TEXAS

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65 17 20
Located on map
Received:

1) OWNER:
Person having well drilled Grace Chapel-Mr. Sit (Name) Address 1055 Bingle Road Houston, Texas (Street or RFD) (City) (State)

Landowner Same (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris, miles in (N.E., S.W., etc.) direction from (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

4·10 D

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor League

Block Survey

Abstract No.

(NW¼ NE¼ SW¼ SE¼) of Section

3) TYPE OF WORK (Check): New Well, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check): Domestic, Industrial, Municipal, Irrigation, Test Well, Other

5) TYPE OF WELL (Check): Rotary, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 6 3/4 in. Depth drilled 247 ft. Depth of completed well 263 ft. Date drilled Feb. 1977

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	22	Yellow & gray clay
22	41	Sand
~~41~~	~~75~~	~~Red clay~~
75	80	Blue clay
80	115	Red clay
115	132	Red & yellow clay
~~132~~	~~166~~	~~Blue clay~~
166	182	Sand 16 ga.
182	226	Gray clay
~~226~~	~~237~~	~~Sand 8 ga.~~
237	238	Blue clay
238	263	Sand 12 ga.

(Use reverse side if necessary)

9) Casing:
Type: Old, New, Steel, Plastic, Other
Cemented from 247 up ft. to ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4	1	247	40

10) SCREEN:
Type Well Supplies Inc. Plastic wrapped
Perforated, Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2½"	253	263	12

7) COMPLETION (Check): Straight wall, Gravel packed, Other, Under reamed, Open Hole

8) WATER LEVEL:
Static level 181 ft. below land surface Date Feb. 1977
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., 231 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?
Yield: gpm with ft. drawdown after hrs.
Bailer test gpm with ft. drawdown after hrs.
Artesian flow gpm
Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME C.A. Raymond, Jr. Inc. (Type or Print) Water Well Drillers Registration No. TDL 774

ADDRESS 10011 Airline Dr. (Street or RFD) Houston (City) Texas (State) 77037

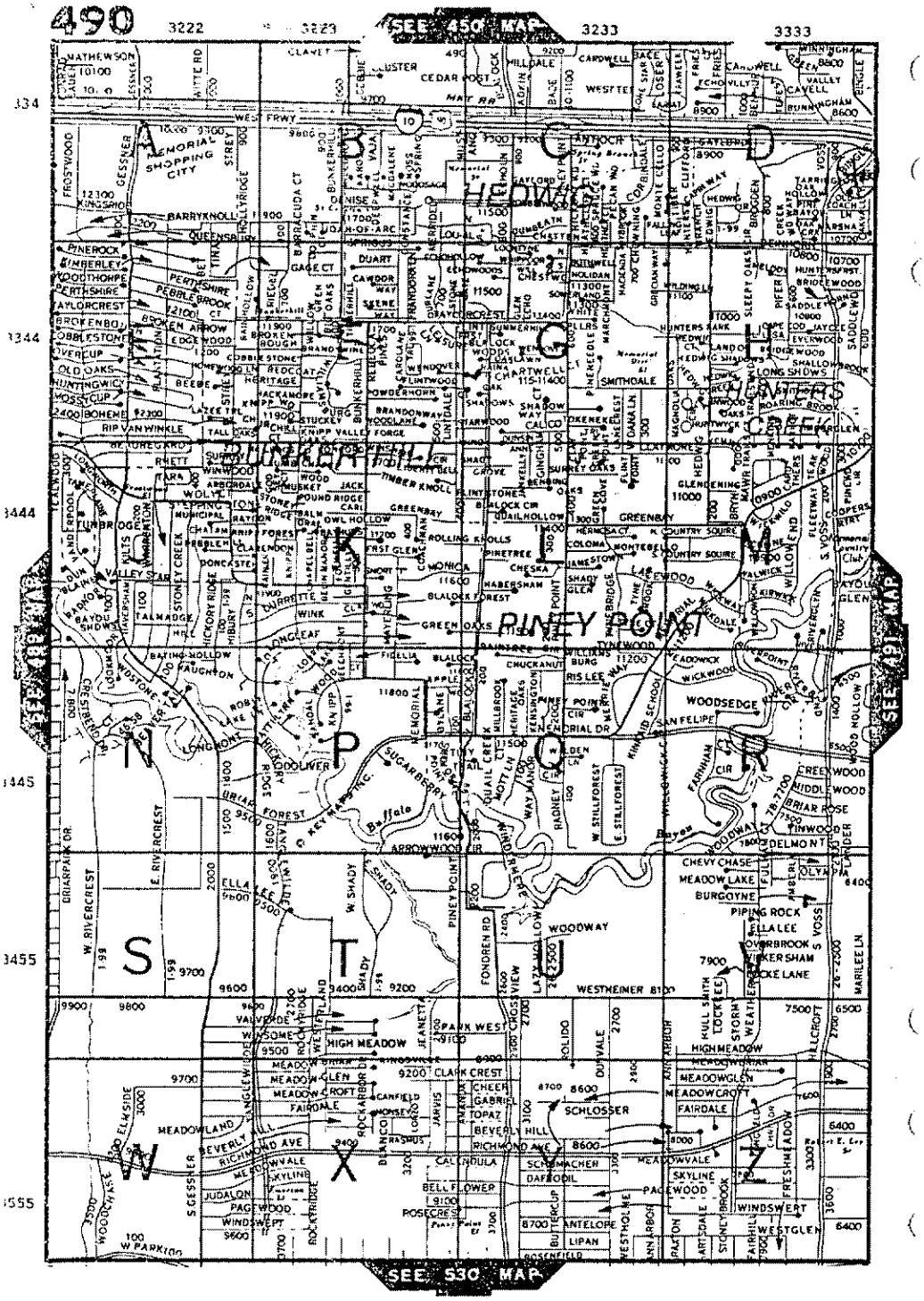
(Signed) (Water Well Driller) Raymond Water Well Drilling (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

4820107543


490
SEE 450 MAP
SEE 491 MAP
SEE 530 MAP
3222
3223
3233
3333
3334
3344
3444
3445
3455
3555
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
W
X
Y
HEDWIG
HOMERS
PINEY POINT
MEMORIAL SHOPPING CITY
WEST FRWY
CEDAR POST
CLAVET
BARRYKNOLL
QUEENSBURY
WOODWAY
WESTHEIMER
HIGH MEADOW
SCHLOSSER
WOODSEDGE
CHEVY CHASE
MEADOW LAKE
BURGOYNE
PIPING ROCK
ELLA LEE
OVERBROOK
WICKERSHAM
ROCKY LANE
MEADOWGLEN
MEADOWCROFT
FAIRDALE
MEADOWVALE
SKYLINE
PAGEWOOD
WINDSWEPT
WESTGLEN
MEADOWLAND
BEVERLY HILL
RICHMOND AVE
CALHOULA
BELLFLOWER
ROSECREST
ANTELOPE
LIPAN
ROSEFIELD
BUTTERCUP
DAFFODIL
SCHUMACHER
CLARK CREST
CHEEK
GABRIEL
TOPAZ
VALVERDE
WINSOME
PARK WEST
JEANETTA
JARVIS
ROCKAWAY
ROCKFORD
ROCKRIDGE
WESTFIELD
SOLIDO
DUVALE
FONDREN RD
LAZY HOLLOW
CROSSVIEW
PINEY POINT
W. SHADY
SHADY
ELLA LEE
W. RIVERCREST
E. RIVERCREST
BRIARPARK DR.
W. PARKTON
S. GESSNER
EAST WOODS
ELMSIDE
WOODLAND
ANGLEWOOD
BRIAR ROSE
MIDDLEWOOD
CREEKWOOD
TINWOOD
DELMONT
FULLCROFT
HILLCROFT
MARILEE LN
S. VOSS
FARNHAM CIR
WOODWAY
Buffalo
Bayou
SUGARBERRY
ARROWWOOD CIR
FOREST
LONGMONT
ROBIN LAKE
WOODLIVER
WESTONE
BATING HOLLOW
FAUCHON
TALMADGE
HICKORY RIDGE
STONEY CREEK
BAYOU SHOWS
BLAIR VALLEY
DONCASTER
CLARENDON
TIMBRIDGE
WOLF
RIP VAN WINKLE
BOHEME
OLD OAKS
HUNTINGWICK
MOSSCUP
OVERCUP
COBBLESTONE
BROKEN ARROW
PEBBLEBROOK
PERTHSHIRE
WOODTHORPE
KIMBERLEY
PINEROCK
TAYLORCREST
FROSTWOOD
KINGSRIDGE
JUDALON
PAGEWOOD
WINDSWEPT
W. PARKTON
SMITHDALE
GREENBAY
CHUCKANUT
WICKWOOD
SAN FELIPE
ARTSDALE
STONEYBROOK
FAIRHILL
PARTON
ANN ARBOR
WESTHOLME
KULL SMITH
TOCKEE
STORMY
WEATHERLY
HIGHMEADOW
MEADOWGLEN
MEADOWCROFT
FAIRDALE
MEADOWVALE
SKYLINE
PAGEWOOD
WINDSWEPT
WESTGLEN
FRESHMEADOW
CHEVY CHASE
MEADOW LAKE
BURGOYNE
PIPING ROCK
ELLA LEE
OVERBROOK
WICKERSHAM
ROCKY LANE
WOODWAY
WESTHEIMER
7900
7500
6500
6400
8600
8700
8900
9600
9700
9800
9900
9200
9400
9500
9300
9100
8700
8600
8000
6400
3300
3600
3200
3000
2700
2600
2500
2400
2300
2200
2000
1900
1800
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100

✓ Dup W.L # 130

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-13-75
Located on map 4 of MM
Received:

1) OWNER Y.M.C.A. (Name) Address 1006 Voss Rd. (Street or RFD) Hstn (City) Tx (State) 77055 (Zip)

2) LOCATION OF WELL: Binbic @ I.10 Feeder
County Harris _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☐ See attached map. Mapon 65-05-9AAA

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 3/23/84

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
8 3/4	Surface	430

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0'	16'	Top Soil + Clay
16'	35'	Surface Sand
35'	96'	Clay
96'	130'	Sand
130'	202'	Clay
202'	260'	Sand
260'	295'	Clay
295'	326'	Sand
326'	395'	Clay
395'	430'	Sand

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5	N	Black Threaded + Coupled	0'	400'	
2 1/2	N	Galv.	389'	410'	
2 1/2	N	Stainless Steel Rod Based	410	420'	.014
2 1/2	N	Stainless Steel Rod Based	420'	430'	.014

CEMENTING DATA
Cemented from 0 ft. to 400 ft.
Method used Halliburton
Cemented by Bussell & Son, Inc. (Company or Individual)

9) WATER LEVEL:
Static level 212 ft. below land surface Date 3/26/84
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

RECEIVED
MAR 11 1985
DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Craig O. Bussell (Type or Print) Water Well Drillers Registration No. 2035

ADDRESS P.O. Box 874 (Street or RFD) Tomball (City) Tx (State) 77375 (Zip)

(Signed) Craig Bussell (Water Well Driller) Bussell & Son, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

482010755 1

C3

65-12-90

File original copy with
Texas Water Commission
P. O. Box 12311, Capitol Station
Austin, Texas 78711

State of Texas

DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 65-12-90
Located on map
By Date
Map no. 16-40

1) Well Owner: L. B. Standley, 11782 East Tex. Freeway, Houston, Texas 77039
Name Street or RFD City State

2) Land Owner: Same
Name Street or RFD City State

3) Intended use: Industrial ☐ ;Municipal ☐ ;Irrigation ☐ ;Other Subdivision

4) Location of well: County Harris Labor League Abstract No.

NW¼ NE¼ SW¼ SE¼ of Section Block No. Survey
(Circle as many as are known)

miles in direction
NE, SW, etc
from
Town

North

LOCATION OF WELL: Voss Road, Spring Valley Village, West of Houston, Parallel with Katy Highway

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 4" in. Date drilled Oct. 30, 1964

All measurements made from ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	26	Hard White Clay	392	416	Shale
26	52	Broken Rock, Red Sand	416	430	Sand
52	72	Red Clay	430	436	Shale Sandy
72	96	Broken Sand & Red Clay	436	446	Sand
96	120	White & Brown Clay	446	454	Shale
120	158	Sand	454	485	Shale, Sandy
158	202	Gray Clay	485	501	Sand Good
202	218	Sand	501	513	Shale
218	245	Gray Clay	513	532	Sand Good
245	278	Sand	532	535	Soft Break
278	296	Shale	535	548	Tough Gumbo
296	322	Sand	548	576	Sand Good
322	357	Shale	576	579	Sandy Soft
357	392	Sand	579	605	Sand, Good
			605	606	Shale

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION

Straight wall ☐X
Under reamed ☐
Gravel packed ☐
Open hole ☐
Other

CASING

Type: Old ☐ New ☐X
Cemented from Surface ft.
to 587 ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
6"	0	587

SCREEN

Type LOP STAINLESS
Perforated ☐ Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (ft)
4"	485 (16')	501
	513 (19')	532
	548 (28')	576
	579 (26') 89'	605

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

J. B. Lowry
Signature

LOWRY WATER WELLS
Company Name

Reg. No. XXXX 116

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA

Static water level 201'
ft. below

Pumping level

feet	hours	gpm

Pump type Electric
Designed pumping rate gpm ☐ gph ☐
Type power unit Jacuzzi Submersible
Horsepower 15 HP
Depth to bowls, cylinder, jet, etc., 294' ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company:

C-34 (62-4)

4820110927

Dup

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

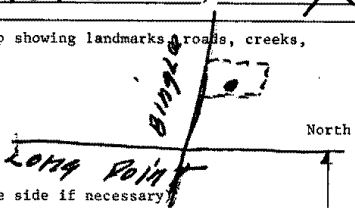
For TWDB use only
Well No. 65-12-6E
Located on map 1-25
Received: 74
db

1) OWNER:
Person having well drilled GENE STRINGER (Name) Address 1109 BINGLE (Street or RFD) HOUSTON (City) TEXAS (State)

Landowner " (Name) " Address " (Street or RFD) " (City) (State)

2) LOCATION OF WELL:
County HARRIS, 15 miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*



(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic ✓ Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 3 7/8 in. Depth drilled 45 ft. Depth of completed well 45 ft. Date drilled 1-19-74

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOP SOIL
2	22	GRAY CLAY
22	24	ROCK
24	45	SAND

(Use reverse side if necessary)

9) Casing:
Type: Old ✓New Steel ✓Plastic Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
2	0	37	SCH 40

10) SCREEN:
Type PLASTIC
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2	37	45	10

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 18 ft. below land surface Date 1-19-74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 30 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes ✓No If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes ✓No
Did any strata contain undesirable water? Yes No.
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B. LUMPKIN, JR (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 7507 JANAK DR. (Street or RFD) HOUSTON (City) TEXAS (State)

(Signed) John B. Lumpkin Jr (Water Well Driller) LONG POINT WATER WELL SERV. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

Texas Water Development Board
Well Schedule

State Well Number 6512940 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294709 **Longitude** 953009 **Source of Coords** 1

Owner's Well No. **Location**

Owner
YMCA
Voss Road well

Driller
Bussell & Son

Address **Tenant/Oper.**

Date Drilled / /1984 **Depth** 430 **Source of Depth** D **Altitude** 70 **Source of Alt.** M

Well Type W **User**

WELL CONSTRUCTION

Const-Method Hydraulic Rotary

Casing Material Steel

Screen Material Steel

Completion Screen

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to____

LIFT DATA - **Pump Mfr. -** **Type -** SUBMERSIBLE PUMP **No. Stages**

Bowls Diam - **in.** **Setting -** **ft.** **Column Diam. -** **in.**

Motor Mfr. - **Fuel or Power -** ELECTRIC MOTOR **Horsepower -**

YIELD Flow- **GPM** **Pump** **GPM** **Meas.,Rept.,Est.-** **Date-**

WATER USE **Primary -** PUBLIC SUPPLY **Secondary -** blank **Tertiary -** blank

OTHER DATA AVAILABLE **Water Levels -** N **Quality -** N **Logs -** **Other Data -**

WATER LEVELS

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -

Aquifer - 112CHCT **ID -** 15

CHICOT
AQUIFER

W 418 (18)

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-12-1AA
Located on map YOS
Received: C.F.S.

1) OWNER Century Builders (Name) Address 1702 Ojeman Rd. (Street or RFD) Houston (City) Texas (State) 77055 (Zip)

2) LOCATION OF WELL: Cunningham Rd.
County Harris _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 11/5/79

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
	Surface	
6½"		254

From (ft.)	To (ft.)	Description and color of formation material
0	244'	Unconsolidated
244'	254'	Production Sand

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4"	N	Plastic	0	240'	
2"	N	Plastic	244'	254"	.014

CEMENTING DATA
Cemented from 190 ft. to 240 ft.
Method used Halliburton
Cemented by Bussell & Son, Inc. (Company or Individual)

9) WATER LEVEL:
Static level 158' ft. below land surface Date 11-5-79
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

RECEIVED
JUN 2 1982
GW, TC

(Use reverse side if necessary)

11) TYPE PUMP: ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 190' ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☐ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy C. Bussell (Type or Print) Water Well Drillers Registration No. #707

ADDRESS 9739 N. Houston Rosslyn (Street or RFD) Houston (City) Texas (State) 77088 (Zip)

(Signed) Tommy C Bussell (Water Well Driller) Bussell & SOn, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

4820107495

Please use black ink.
Send original copy by certified mail to the
Texas Water Commission
P.O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Tri-Am Pump & Well (Name) Address Houston, Tx. (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 4 miles in S (N.E., S.W., etc.) direction from Houston Tx (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ See attached map. cn 60-59-6

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____ ☐ Driven

6) WELL LOG:
Date Drilling: Started 1-28 1989 Completed 1-28 1989

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
4 1/2	Surface	42

From (ft.)	To (ft.)	Description and color of formation material
0	2	Surface Sand
2	18	Clay
18	22	Sand
22	35	Clay + Rock
35	42	Sand

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 32 ft. to 42 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
2	N	PVC.	0	32	40
2	N	PVC. Slotted	32	42	40

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 10 ft. No. of Sacks Used 2
_____ ft. to _____ ft. No. of Sacks Used _____
Method used _____
Cemented by CWW.

10) SURFACE COMPLETION
☑ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 18 ft. below land surface Date 1-28-89
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ ~~Submersible~~ ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

RECEIVED
FEB 23 1989
TEXAS WATER COMMISSION

(Use reverse side if necessary)

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Potable Depth of strata 7
Was a chemical analysis made? ☐ Yes ☑ No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Coastal Water Works (Type or Print) Well Driller's License No. 812

ADDRESS P.O. Box 745 (Street or RFD) Porter (City) Tx (State) 77365 (Zip)

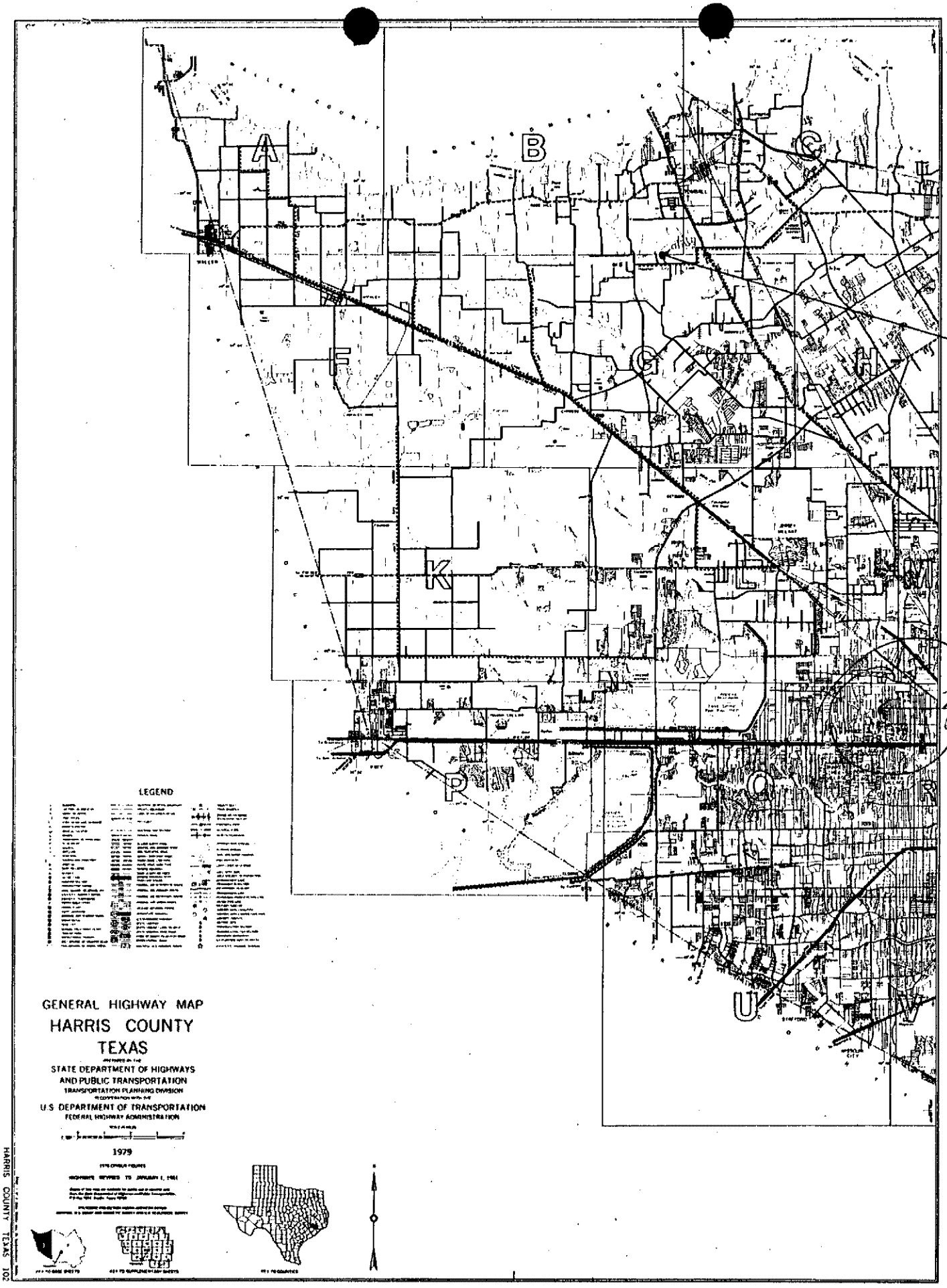
(Signed) H.L. Schoch (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 65-12-6
Located on map _____

WWD-012 (Rev.01-28-87)

TEXAS WATER COMMISSION COPY



HARRIS COUNTY TEXAS 102

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 12 607 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 48 00 Longitude - 95 30 12 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Timber Creek

Driller - B J Swinehart Co.

Address _____ Tenant/Oper. _____
Date Drilled - / /1951 Depth - 542 ft. Source of Depth - D Altitude - 80 ft. Source of Alt. - M
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) | Setting(feet) From | To

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CHCT
Well No. - 65 12 607

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 12 608 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 48 00 Longitude - 95 30 12 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Timber Creek

Driller - B J Swinehart Co.

Address _____ Tenant/Oper. _____
Date Drilled - / /1954 Depth - 717 ft. Source of Depth - D Altitude - 80 ft. Source of Alt. - M
Aquifer - 112CEVG CHICOT AND EVANGELINE AQUIFERS Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____
Completion - _____
Casing Material - _____
Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CEVG
Well No. - 65 12 608

STATE OF TEXAS WELL REPORT for Tracking #123731

Owner:	**Reindl, Erich**	Owner Well #:	**No Data**
Address:	**1615 Ojeman Houston, TX 77055**	Grid #:	**65-12-6**
Well Location:	**1615 Ojeman Houston, TX 77055**	Latitude:	**29° 47' 58" N**
		Longitude:	**095° 30' 07" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/5/2007** Drilling End Date: **9/6/2007**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**7.25**	**0**	**330**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **2 string**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**15**	**6 cement**
	0	**310**	**16 cement**

Seal Method: **Positive Displacement**

Sealed By: **B&R Water Well**

Distance to Property Line (ft.): **50**

Distance to Septic Field or other concentrated contamination (ft.): **165**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Surface Sleeve Installed**

Water Level: **130 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **k 305**

Type of Pump: **no pump installed**

Well Tests: **Jetted** **No Test Data Specified**

	Strata Depth (ft.)	Water Type
Water Quality:	**310-330**	**ground**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **B&R Water Well Drilling, Inc.**

40619 FM 149
Magnolia, TX 77354

Driller Name: **David R Helms** License Number: **54211**

Apprentice Name: **Francisco D Trevino** Apprentice Number: **57297**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**62**	**clay**
62	**83**	**sand**
83	**196**	**clay**
196	**244**	**sand**
244	**308**	**clay**
308	**330**	**sand**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
4 n casing 0-310 sch40			
2.5 n liner 305-310 sch40			
2.5 n screen 310-330 .008			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

LCD Dump

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-12-6D
Located on map
Received: 75
dd

1) OWNER:
Person having well drilled COVINGTON NURSERY (Name) Address 1901 BINGLE (Street or RFD) (City) (State)

Landowner SAME (Name) Address HOUSTON, TEX (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS, _____ miles in WEST SIDE (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*
WELL AT 1901 BINGLE
North
HEMPSTED HWY
(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.
Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well ✓ Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial Municipal Irrigation Test Well Other NURSERY

5) TYPE OF WELL (Check): Rotary ✓ Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6½ in. Depth drilled 372 ft. Depth of completed well 372 ft. Date drilled MAR. 17, 75
All measurements made from 1 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	18	CLAY
18	38	SAND
38	172	CLAY
172	192	SAND
192	215	CLAY
215	246	SAND
246	248	ROCK
248	324	CLAY
324	330	SAND
330	349	CLAY
349	372	SAND

(Use reverse side if necessary)

9) Casing:
Type: Old New ✓ Steel Plastic ✓ Other
Cemented from 260 ft. to 357 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	357	

10) SCREEN:
Type PLASTIC - RIBBED
Perforated Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2½"		~~257~~	
	357	372	#12

7) COMPLETION (Check):
Straight wall Gravel packed TWO - STRING Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 197 ft. below land surface Date MAR. 17, 75
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 252 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No ✓
Type of water? _____ depth of strata 23'

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME E. L. BODE (Type or Print) Water Well Drillers Registration No. 46

ADDRESS BOX 67 WESTFIELD (Street or RFD) (City) TEXAS (State)

(Signed) E. L. Bode (Water Well Driller) E. L. BODE DRILLING CO. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

WRD Exp. (GW)
April 1966

Well No. 65-12-604

65-12-604

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

Hedwig Village-N.D. 1:24000

MASTER CARD W. L. Neffel

Record by Neffel's Corrosion 5-21-68 Source of data City Eng. Date 5-21-68 Map ~~Addicks 1955~~

State Texas 48 County (or town) Harris LJ

Latitude: 294831 N Longitude: 095301 Sequential number: 1

Lat-long accuracy: 1 T. N S, R E W, Sec , ¼, ¼, ¼

Local well number: LJ-65-12-604 Other number: B & H Westside Developers City of Houston Oct. 1969?

Local use: Owner or name: ~~Continental Drilling~~ #2

Owner or name: CITY OF HOUSTON Address: Well 2

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist N

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mud, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other P 1975

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (Q) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed W Z

DATA AVAILABLE: Well data Freq. W/L meas.: 1953 - - Quarterly Q Field aquifer char.

Hyd. lab. data: destroyed 9-75

Qual. water data; type:

Freq. sampling: from 8-4-70 Q Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: E log (990') S-16 E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 987 ft 987 Meas. rept. driller accuracy 3

Depth cased (first perf.) 517.5 ft 517 Casing type: steel; Diam. 14 x 8 in 14

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, (S) sd. pt., (T) shored, (W) open hole, (X) other G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (X) other H

Date Drilled: 1-7-53 953 Pump intake setting: ft

Driller: Layne-Texas Co. Houston Tex (name, address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (X) other T Deep Shallow D

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 125 W Trans. or meter no.

Descrip. MP ft above below LSD. Alt. MP

Alt. LSD: 84 84 Accuracy (source): 5' topo map 3

* Water Level 146 ft above below MP; Ft above below LSD 146 Accuracy: driller D

Date meas: 1-7-53 1 5 3 Yield: 1230 gpm 1230 Method determined

Drawdown: 67 ft 67 Accuracy: driller 3 Pumping period 24 hrs 24

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard. ppm

Sp. Conduct K x 10⁶ Temp. °F Date sampled

Taste, color, etc.

+ 30 min static

213
146
67

Well No. LJ-65-12-604

Well No. LJ-65-12-604

Latitude-longitude 29 48 31 N 095 30 01
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: Coastal Plain (20–21) 03 Section: _____

Drainage Basin: F (22) Subbasin: 51R (23–25) (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series, T (28–29) _____ aquifer, formation, group E (30–31)

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: 162 ft (38–40) 162 Depth to top of: _____ ft (41–43)

MINOR AQUIFER: _____ system, _____ series, Q (44–45) _____ aquifer, formation, group C (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: see below

Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

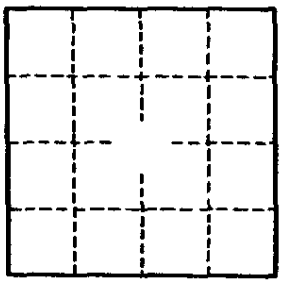
Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

Coefficient Trans: _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)

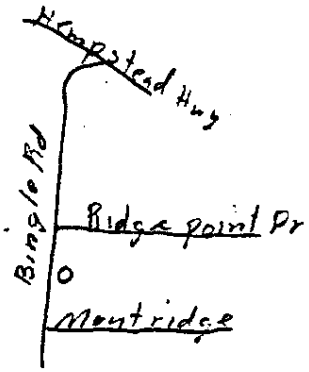
Scrn 517.5–538.9
552.9–573.0
605.2–615.6
626.2–637.4
690.6–710.8
766.4–778.8
775.4–781.3
820.9–836.2
884.7–899.4
910.4–925.0
955.1–974.7

Recovery 1-7-53
5 min. 150'
10 " 150
15 " 150'
20 " 148
25 " 147
30 " 146'



4 PM PL 210 @ 1230 gpm 1-7 24 hr test
4 PM PL 213 @ 1230 gpm 1-8-53
Gravel wall 30" underream cemented

500' of 14" csg
5 5/8 from 457-987



Well No. LJ-65-12-604

GPO 857-700

Texas Water Development Board
Well Schedule

State Well Number 6521213 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294442 **Longitude** 952527 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Claude B. Hamill

Driller
Layne Texas Co.

Address _____ **Tenant/Oper.** _____

Date Drilled / /1939 **Depth** 928 **Source of Depth** **Altitude** 61 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material**

Completion **Screen Material**

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from_____**to**_____

LIFT DATA - **Pump Mfr. -** _____ **Type -** TURBINE PUMP **No. Stages** _____

Bowls Diam - _____ **in.** **Setting -** _____ **ft.** **Column Diam. -** _____ **in.**

Motor Mfr. - _____ **Fuel or Power -** ELECTRIC MOTOR **Horsepower -**

YIELD Flow- _____ **GPM** **Pump** _____ **GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary -** DOMESTIC **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1939
-70

Recorded By _____ **Date Record Collected or Updated -** 02/20/2003

Reporting Agency 01

REMARKS -
TWDB Report 178: 62 ft. of screen between 809 and 914 ft.
Yield: 117 gpm with 19 ft. drawdown when drilled.

Aquifer - 121EVGL **ID -** 15
EVANGELINE AQUIFER

65-13-7C

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-
Located on map
Received: 7-
OK

1) OWNER:
Person having well drilled J. B. GATES (Name) Address 8618 MERLIN (Street or RFD) HOUSTON (City) TEX (State)

Landowner " (Name) " Address " (Street or RFD) " (City) " (State)

2) LOCATION OF WELL:
County HARRIS, _____ miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.* #6 or Give legal location with distances and directions from adjacent sections or survey lines.

KATY FWY. 45 90 North

MERLIN

(Use reverse side if necessary)

Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well ✓ Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): Rotary ✓ Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 3 7/8 in. Depth drilled 48 ft. Depth of completed well 48 ft. Date drilled 4-20-75

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	3	TOP SOIL
3	20	GRAY CLAY
20	30	GRAY-BROWN CLAY
30	48	SAND

(Use reverse side if necessary)

9) Casing:
Type: Old ✓ New Steel Plastic ✓ Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
2	0	42	SCH 40

10) SCREEN:
Type PLASTIC
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2	42	48	6

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 18 ft. below land surface Date 4-20-75
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 21 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B. LUMPKIN, JR (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 11630 MUELLER CEM. RD (Street or RFD) CYPRESS (City) TEX (State)

(Signed) John B. Lumpkin Jr (Water Well Driller) LONG POINT WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

482010 7539

44

Send original copy by certified mail to the
Texas Water Development Board
P. O. Box 13087
Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-44
Located on map
Received: 78

1) OWNER:
Person having well drilled FRANK WELCH (Name) Address 8625 MERLIN (Street or RFD) HOUSTON (City) TEXA (State)

Landowner " (Name) " Address " (Street or RFD) " (City) " (State)

2) LOCATION OF WELL:
County HARRIS, 10 miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*
US 90 #4
MERLIN
North
(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.
Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic ✓ Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 3 7/8 in. Depth drilled 50 ft. Depth of completed well 50 ft. Date drilled 9-18-74
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOP SOIL
2	26	GRAY CLAY
26	35	RED CLAY
35	50	SAND

(Use reverse side if necessary)

9) Casing:
Type: Old ✓ Steel Plastic Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
2	0	42	SCH 40

10) SCREEN:
Type PLASTIC
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2	42	50	8

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 18 ft. below land surface Date 9-18-74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 21 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B. LUMPKIN, JR (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 7507 JANAK DR. (Street or RFD) HOUSTON (City) TEXAS (State)

(Signed) John B. Lumpkin Jr (Water Well Driller) LONG POINT WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WO-8

4820111025

65-12-6B

File original copy with
Texas Water Commission
P. O. Box 2311, Capitol Station
Austin 11, Texas

State of Texas

DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 65-12-6B
Located on map
By
Date
Map no.

1) Well Owner: A. H. Bingle (Name) 1205 Bingle Road (Street or RFD) Houston, Tex. (City, State)

2) Land Owner: Same (Name) (Street or RFD) (City, State)

3) Intended use: Industrial ☐ Municipal ☐ Irrigation ☐ Other Domestic

4) Location of well: County Harris Labor League Abstract No.

NW¼ NE¼ SW¼ SE¼ of Section Block No. Survey
(Circle as many as are known)

miles in direction (NE, SW, etc) from (Town)

Bingle Road Crosses Hwy. 290 in th 12000 Block
North West of Houston

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 4" in. Date drilled 12/10/63

All measurements made from 0 ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	8	Surface Iron Ore	188	211	Sand Broken
8	24	Red & White Joint Clay	211	310	Brown Clay
24	36	Sand	310	395	White Clay
36	78	White Clay	395	420	Broken Sand
78	120	Sand	420	552	Shale, Stickey
120	134	~~XXXXXXXX~~ White Clay	552	571	Sand
134	169	Sand	571	576	Shale Sandy
169	188	White Clay	576	590	Sand, Very Good
			590	591	Shale

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION

Straight wall ☒
Under reamed ☐
Gravel packed ☐
Open hole ☐
Other

CASING

Type: Old ☐ New ☒
Cemented from 555 ft.
to Surface ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
4	0	555

SCREEN

Type 012 Ga. LOP Stainless
Perforated ☐ Slotted ☒

Diameter (inches)	Setting from (ft)	Setting to (ft)
2½	568	558
2½	578	588
10' Blank Pipe Between 578 & 568.		
3' Blank Above Screen		

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

R D Lowry (Signature) LOWRY WATER WELLS (Company Name) Reg. No. ~~KKX~~ 116

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA

Static water level 170 Ft.
ft. below

Pumping level

feet	hours	gpm

Pump type Fairbanks Morse Submersible
Designed pumping rate gpm ☐ gph ☐
Type power unit Electric
Horsepower 3/4 HP
Depth to bowls, cylinder, jet, etc., 235 Ft. ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company:

C-34 (62-4)

4820110795

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER E. Callenius (Name) ADDRESS 1202 Bingle Rd. Houston, Texa 77005 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL:
County Harris . 9 miles in W (NE, SW, etc.) direction from Houston (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ SEE ATTACHED MAP Well is at Residence at 1202 Bingle

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 6 July 1992 Completed 7 " 1992

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
5	Surface	320
8½	"	306'

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	rotary 4	clay 54 red sand 63 clay & sand 145 sand 160 clay 230 sand 254 rock 255 sand 280 clay 300 sand 324 clay

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5	N	Plastic casing	+18"	306	Sdl17
2½	N	Gal. Liner	301	309	SDL 40
~~2½~~	~~N~~	~~SS RB screen~~	~~309~~	~~319~~	~~16 Ga.~~
~~2½~~	~~N~~	~~BPV & NN~~	~~319~~	~~320~~	

1½ HP Aeromotor, 12 GPM set 280' on #12 wire

(Use reverse side if necessary)

RECEIVED SEP 1 1992 TEXAS WATER WELL DRILLERS BOARD

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 306 ft. to GL ft. No. of Sacks Used 25 + 8 J
ft. to ft. No. of Sacks Used _____
Method used Halliburton
Cemented by Swinehart Co.

13) TYPE PUMP: ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 253

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: 50 gpm with 32 ft. drawdown after ½ hrs.

10) SURFACE COMPLETION
☒ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level 102 ft. below land surface Date 26 Aug 92
Artesian flow _____ gpm. Date _____

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

12) PACKERS: Type 5"x 2½ R Packer Depth - 3

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME B.J. Swinehart Co. Inc (Type or print) WELL DRILLER'S LICENSE NO. 229

ADDRESS 7524 N. Freeway Houston, Texas 77037 (Street or RFD) (City) (State) (Zip)

(Signed) B.J. Swinehart (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Love

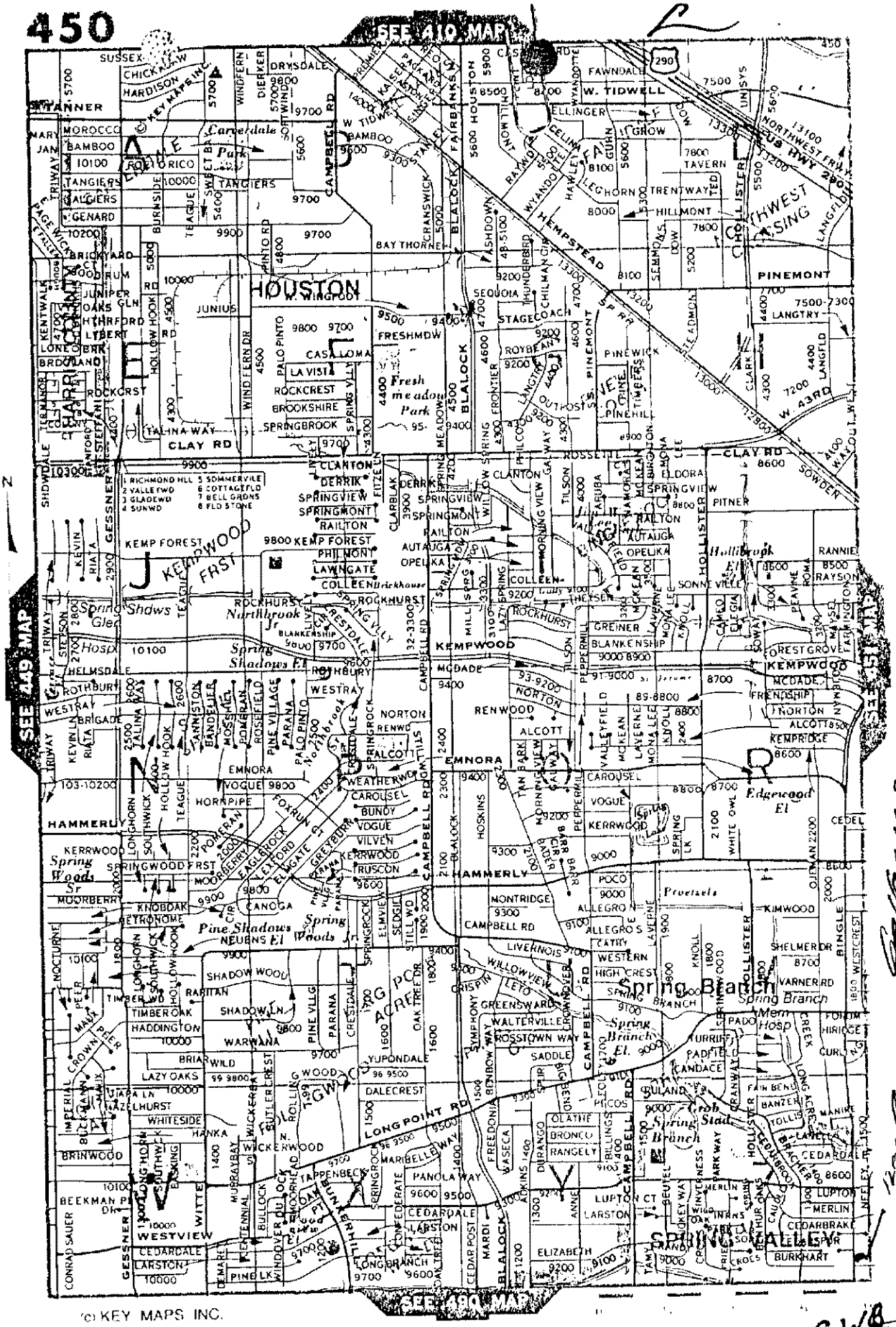
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. _____ Located on map _____

WWD-012 (Rev. 05-18-90) TEXAS WATER COMMISSION COPY

4820124924

CWB
K11-P.450


SEE 410 MAP
SEE 449 MAP
SEE 490 MAP
HOUSTON
W. TIDWELL
HEMPSTEAD
US HWY 290
NORTHWEST FRWY
CLAY RD
KEMPWOOD
HAMMERLY
Spring Branch
Spring Branch Mem Hosp
Spring Shadows El
Northbrook Jr
Spring Woods Sr
Spring Woods Jr
Pine Shadows
Fresh meadow Park
Carverdale Park
Edgewood El
Proetzels
Spring Branch El
Spring Branch Stad
LONG POINT RD
WESTVIEW
SPRING VALLEY
BLALOCK
CAMPBELL RD
HOLLISTER
GESSNER
HOUSTON
PINEMONT
LANGTRY
W. 43RD
SOWDER
PITNER
RANNIE
RAYSON
SHELMERDR
VARNER RD
BINGLE
KIMWOOD
CEDEL
OLIMAN
WESTCREST
CEDARDALE
LUPTON
MERLIN
CEDARBRAKE
BURKHART
ELIZABETH
LARSTON
CEDAR POST
MARDI
LONG BRANCH
PINE LK
CONRAD SAUER
BEEKMAN PL
BRINWOOD
WHITESIDE
LAZY OAKS
BRIAR WILD
YUPONDALE
DALECREST
PANOLA WAY
TAPPENBECK
WICKERWOOD
MARIBELL WAY
FREEDONIA
WASECA
DURANGO
OLATHE
BRONCO
RANGELY
BILLINGS
PICOS
SADDLE
WALTERVILLE
ROSSTOWN WAY
GREENSWARD
LIVERNOIS
WESTERN
HIGH CREST
ALLEGRO
CAMPBELL RD
MONTRIDGE
POCO
KERRWOOD
VOGUE
CAROUSEL
WEATHERWD
EMNORA
ALCOTT
RENWOOD
NORTON
MCDADE
FRENSHIP
KEMPRIDGE
ROTHBURY
WESTRAY
BLANKENSHIP
GREINER
ROCKHURST
COLLEEN
LAWNGATE
PHILMONT
SPRINGMONT
SPRINGVIEW
DERRICK
CLANTON
RAILTON
AUTAUGA
OPELIKA
KEMP FOREST
SHADOW WOOD
TIMBER WD
TIMBER OAK
HADDINGTON
WARWANA
RARITAN
KNOBOAK
METRONOME
CANOGA
NEUBNS
HORNPIPE
MOORBERRY
SPRINGWOOD
FIRST
HAMMERLY
SPRINGROCK
PINE VILLAGE
PARANA
CRESTDALE
PALO PINTO
ROSSFIELD
BANDELIER
HOSSKINS
TAN BARK
MORNINGVIEW
GALWAY
VALLEYFIELD
MCKEAN
LAVERNE
MONALEE
KNOLL
PEPPERMILL
TILSON
THEISEN
SONNEVILLE
CAMELIA
ELEGIA
FOREST GROVE
FARMINGTON
ROSSLYN
ELDORA
SOMMERVILLE
COTTAGEFLD
BELL GRDNS
FLD STONE
RICHMOND HLL
VALLEYWD
GLADEWD
SUNWD
CHICKASAW
HARDISON
SUSSEX
DRYSDALE
DIERKER
WINDFERN
MOROCCO
BAMBOO
PORTORICO
TANGIERS
ALGIERS
GENARD
BRICKYARD
JUNIPER
OAKS
HARFORD
LYBERT
LONE OAK
BROOLAND
ROCKCREST
BROOKSHIRE
SPRINGBROOK
TALINA WAY
JUNIUS
PALO PINTO
CASA LOMA
LA VISTA
FRESHMDW
BAY THORNE
SEQUOIA
STAGECOACH
ROYBEAN
PINEWICK
PINEHILL
PINE
TIMBERS
CHILMANCR
ASHDOWN
THUNDERBRD
WYANDOTTE
HAWLEY
ALLEGHORN
TRENTWAYTED
HILLMONT
TAVERN
FAWNDALE
ELLINGER
GROW
CELINA
RAYWOOD
KAISER
PADWICK
FAIRBANKS
STANSWICK
CRANSWICK
HOUSTON
UNISYS
CASTLEROCK
PREMIER
SEMMONS
DOW
TEDMON
CLARK
LANGFLD
LANGTRY
WAKOUI
SHIDWDALE
TRIWAY
STEFANI
KENTWALK
LEMNOR
HOLLOW HOOK
TEAGUE
BURNSIDE
PAGEWICK
KEVIN
RIATA
GESSNER
SOUTHWICK
LONGHORN
NOCTURNE
MANX
CROWN PIER
IMPERIAL
BLACKFAN
CONRAD SAUER
BEEKMAN PL
BRINWOOD
LONG HORN
SOUTHWICK
WITTE
MUSBAYBAY
BULLOCK
CENTENNIAL
DEMARE
WINDOVER
BUTLERCREST
ROLLINGWOOD
N. WICKERWOOD
TAPPENBECK
MOORHEAD
CONFEDERATE
LONG BRANCH
PINE LK
ELIZABETH
LARSTON
CEDARDALE
CEDAR POST
MARDI
BLALOCK
ANNE
ATKINS
DURANGO
LUPTON CT
BEUTEL
PARK WAY
HOLLISTER
CRANWAY
CANDACE
PADFIELD
TURRIFF
PADO
FORTIN
HIRIGOE
CURL
CASEK
LONG VIEW
BRANCHER
BANZER
TOLLIS
MANIRE
FAIR BEND
GULAND
CRAWFORD
CRAWFORD
CRAWFORD

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-12-929

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6512929
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.790556
Latitude (degrees minutes seconds)	29° 47' 26" N
Longitude (decimal degrees)	-95.500834
Longitude (degrees minutes seconds)	095° 30' 03" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	75
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	591
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1963
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	A. H. Bingle
Driller	Lowry Water Wells
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/5/2002
Last Update Date	9/5/2002

Remarks	TWDB R178: 20 ft. of screen between 558 and 588 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

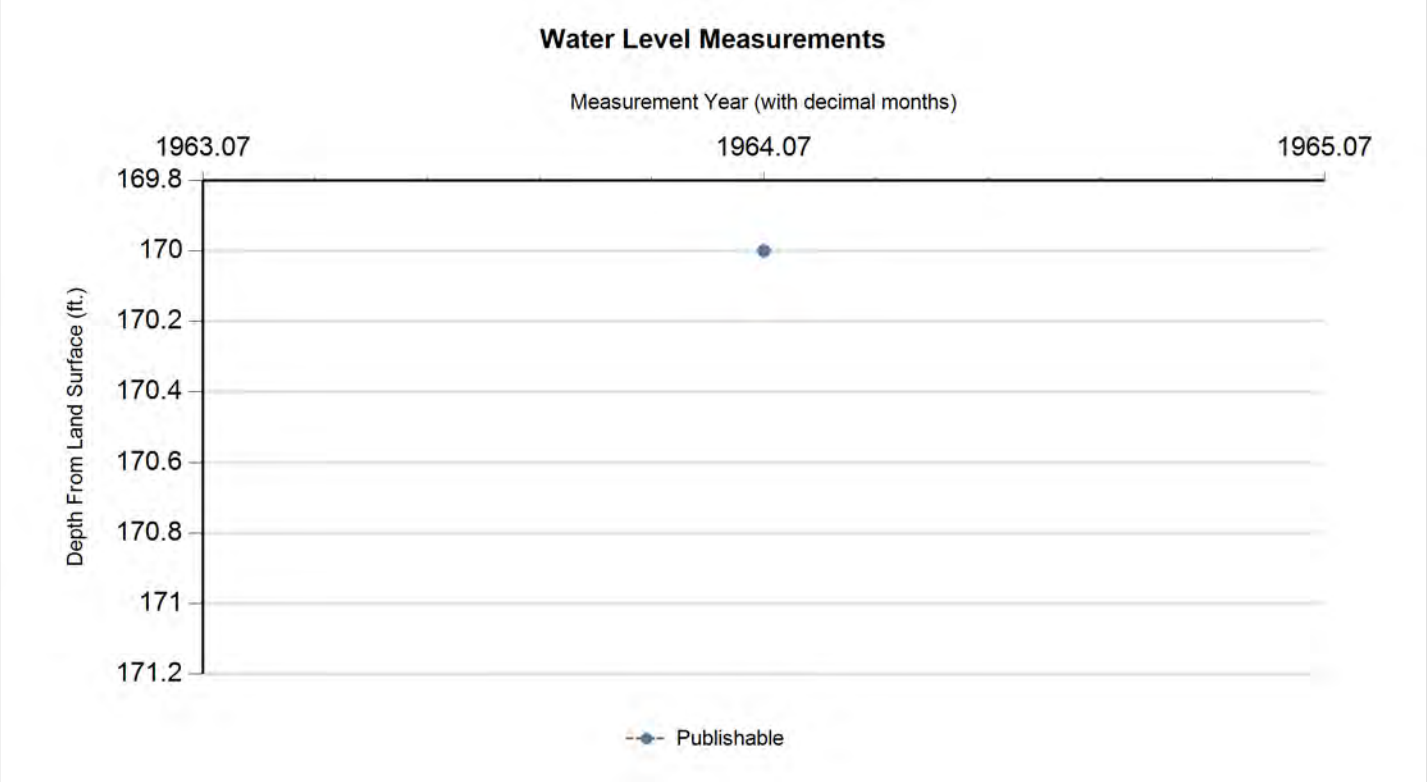
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	12/0/1963		170		-95	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-12-934

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6512934
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.793334
Latitude (degrees minutes seconds)	29° 47' 36" N
Longitude (decimal degrees)	-95.503056
Longitude (degrees minutes seconds)	095° 30' 11" W
Coordinate Source	+/- 10 Seconds
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	76
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	606
Well Depth Source	Driller's Log
Drilling Start Date	
Drilling End Date	10/30/1964
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Public Supply
Water Level Observation	None
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Magnolia Valley City of Spring Valley
Driller	Lowry Water Wells
Other Data Available	Drillers Log
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	U.S. Geological Survey
Created Date	7/13/2001
Last Update Date	7/13/2001

Remarks	

Casing - No Data

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements

No Data Available

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 749 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 41 Longitude - 95 29 54 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Memorial Village Water Authority
Driller - Alsay Texas Corp

Address _____ Tenant/Oper. _____
Date Drilled - / /1983 Depth - 1,526 ft. Source of Depth - D Altitude - 71 ft. Source of Alt. - M
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 555700

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (
Open Hole (O)
Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To

LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages ____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -
YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____
PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM
Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft
QUALITY (Remarks- _____
WATER USE Primary- PUBLIC SUPPLY Secondary- _____ Tertiary- _____
OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- DIMQ Other Data-
WATER LEVELS Date- 02/10/1984 Measurement- -392.40
Date- / / Measurement-
Recorded By _____ Date Record Collected or Updated- 12/ /1988

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -
Owner's well #6. Reported yield
2006 gpm with 53 ft drawdown.

Aquifer - 121EVGL
Well No. - 65 13 749

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-408

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD (T. BROWN)

Record by W.L.N. (10-12-62) Source of data FILES Date 3-5-68 Map Houston Heights 1955 1:24000

State TEXAS 48 County (or town) HARRIS LJ

Latitude: 29 49 32 N (deg 7 min 9 sec 11) Longitude: 095 29 35 (12 degrees 15 min sec 18) Sequential number: 1 (19)

Lat-long accuracy: 1 (20) T. ____ N S, R ____ W E, Sec ____, ____ ¼, ____ ¼, ____ ¼

Local well number: LJ-65-13-408 (21–30) Other number: B & M LANGWOOD PLANT #1

Local use: (33–40, 45–51) Owner or name: CITY OF HOUSTON

Owner or name: CITY OF HOUSTON (53–60, 61–66) Address:

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist CITY (67) M

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mad, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other abd. 1962 ~~PUBLIC SERVICE~~ (68) U

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Ø) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed (69) U

DATA AVAILABLE: Well data 8 (70) Freq. W/L meas.: Quarterly from 1962 A-35 recorder in well 1953 — C (71) Field aquifer char. (72)

Hyd. lab. data: (73)

Qual. water data; type: (74)

Freq. sampling: none (75) Pumpage inventory: yes no, period: (76)

Aperture cards: yes (77)

Log data: Buster mode Gamma log T- E (78 79)

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD (1–19) Depth well: 862 ft (20–23) Meas. (rep) REPT. accuracy (24) 6

Depth cased (first perf.): 488 ft (33–38) Casing type: S; Diam. 8 in (39–40) 8

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Ø) open end, (P) perf., screen, (S), (T) sd. pt., (W) shored, (X) open hole, (Z) other SCREENED (31) S

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot, (J) jetted, (P) air percussion, (R) reverse rotery, (T) trenching, (V) driven, (W) drive wash, (Z) other (32) H

Date Drilled: 4-15-53 (33–35) Pump intake setting: ____ ft (36–38)

Driller: Pomeroy Drilling Co. PASADENA, TEXAS

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other (39) N Deep Shallow (40)

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. NONE (41) Trans. or meter no.

Descrip. MP ____ ft above below LSD. Alt. MP ____

Alt. LSD: 80 (42–46) Accuracy: (source) TOPO 5' (47) 3

Water Level 122 ft above below MP; Ft above below LSD (48–51) Accuracy: rept. (52) D

Date meas: 4-15-53 (53–55) Yield: 500 gpm (56–60) Method determined (61)

Drawdown: 38 ft (62–64) Accuracy: rept. (65) Pumping period ____ hrs (66–68)

QUALITY OF WATER DATA: Iron ____ ppm (69) Sulfate ____ ppm (70) Chloride ____ ppm (71) Hard. ____ ppm (72)

Sp. Conduct ____ K x 10^6 (73) Temp. ____ °F (74–76) Date sampled (77–79)

Taste, color, etc.

Pl 160' 12/3/3

Well No. LJ-65-13-408

Well No. LJ-65-13-408

Latitude-longitude 29 (d) 49 (m) 32 (s) N 095 (d) 29 (m) 35 (s) W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: COASTAL PLAINS [03] (20–21) Section: _____

_____ [F] (22) Drainage Basin: _____ [51R] (23–25) Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (S) offshore, (P) pediment, (B) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series [T] (28–29) _____ aquifer, formation, group [E] (30–31)

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: 121 ft [121] (38–40) Depth to top of: _____ ft (41–43)

MINOR AQUIFER: _____ system, _____ series [Q] (44–45) _____ aquifer, formation, group [C] (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: 488-506 (18), 566-588 (22), 740-760 (20), 789-850 (61)

Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

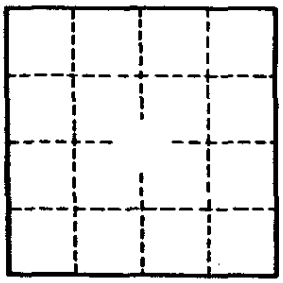
Coefficient Trans: _____ gpd/ft (72–73) Coefficient Storage: _____ (74–78)

Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)

Installed A-35 recorder 6-26-68

Sounded 820 ft. below LSD 4-1965 (CRF-WLW)

abandoned Oct. 1962



Well No. LJ-65-13-408

GPO 857-700

TEXAS DEPARTMENT OF WATER RESOURCES

WELL SCHEDULE

Aquifer(s) Evangeline Project No. _____ State Well No. 65-13-119

Field No./Owner's Well No. 2 County HARRIS

1. Location: ___ ¼, ___ ¼, Section ___, Block ___, Survey _____, Lat. _____, Long. _____

2. Owner: Harris Cty WC & ID 112 Address: _____

Tenant (other): Candlelight Oaks Address: _____

Driller: Layne Texas Address: _____

3. Land Surface Elevation: 74 ft. above msl determined by _____

4. Drilled: _____ 19 69; Dug, Cable Tool, Rotary, Air, _____

5. Depth: Rept. 1120 ft. Meas. _____ ft.

6. Borehole Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed

7. Pump: Mfr. _____ Type T

No. Stages _____, Bowls Diam. ___ in., Setting _____ ft.

Column Diam. _____ in., Length Tailpipe _____ ft.

8. Motor: Mfr. _____ Fuel E HP. _____

9. Yield: Flow ___ gpm, Pump ___ gpm, Meas., Rept., Est. ___ Date ___

10. Performance Test: Date 11/6/69 Length of Test ___ Made by C-T

Static Level 279 ft. Pumping Level ___ ft. Drawdown 88 ft.

Production 1023 gpm Specific Capacity _____ gpm/ft.

11. Quality: (Remarks on taste, odor, color, etc.) _____

Analyses

Date _____ Laboratory _____ TDS ___ Sp Cond ___

Date _____ Laboratory _____ TDS ___ Sp Cond ___

12. Other data available (as circled): Pumping Test, Power & Yield Test, Drillers Log, Formation Samples, Geophysical Log(s) Q1491 (type)

13. Water Level(s): _____ ft. rept. meas. _____ 19__ above below _____ which is ___ ft. above below Land Surface

_____ ft. rept. meas. _____ 19__ above below _____ which is ___ ft. above below Land Surface

14. Use: Dom., Stock, Public Supply, Ind., Irr., Observation, Other (Test Hole, Oil Test, etc.) _____

15. Recorded by: _____ Source of data: _____ Date: _____

16. Remarks: _____

17. Location or Sketch:

CASING, BLANK PIPE & WELL SCREEN Cemented From ___ ft. to ___ ft.			
Diam. (in.)	Type	Setting (feet) from	to

Q1491

W/L Obs. Well ___ W/Q Obs. Well ___

State Well No. 65-13-119

TDWR-0308

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-119
Located on map Yes
Received: 10-7-70
9-Aug

1) OWNER:
Person having well drilled Wilkinson & Associates (Name) Address 1415 Fannin (Street or RFD) Houston (City) Tx. (State) 77002

Landowner _____ (Name) Address _____ (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS, _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Locate by sketch map showing landmarks, roads, creeks, ranch number, etc.*

See attached map

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW, NE, SW, SE) of Section _____

3) TYPE OF WORK (Check): New Well, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check): Domestic, Industrial, Municipal, Irrigation, Test Well, Other

5) TYPE OF WELL (Check): Rotary, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole _____ in. Depth drilled _____ ft. Depth of completed well _____ ft. Date drilled _____
All measurements made from _____ ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
		See attached Completion Report

(Use reverse side if necessary)

9) Casing:
Type: Old, New, Steel, Plastic, Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage

10) SCREEN:
Type _____
Perforated, Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size

7) COMPLETION (Check): Straight wall, Gravel packed, Other, Under reamed, Open Hole

8) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Wallace H Claypool (Type or Print) Water Well Drillers Registration No. 027

ADDRESS P.O. Box 2469 (Street or RFD) Houston (City) Texas 77001 (State)

(Signed) Wally Claypool (Water Well Driller) Layne Texas Company (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDB-GW-53

GM

Q-1491

65-13-119

FORM NO. 36

LAYNE TEXAS COMPANY.

HOUSTON -:- DALLAS

WELL LOG

REPORT NO. 8234
J. O. 2618-69
PAGE 1 of 2
FILE NO. 3386
DATE 10/30/69

CUSTOMER LOCATION	WELL DATA
FOR Harris County Water Control & Improvement District #112	NAME WELL / WELL NO. 1
LOCATION WELL Candlelight Oaks	ELEVATION / DATUM
SURVEY / FIELD	RT 9-7/8"-1069'
COUNTY Harris / STATE Texas	TEST HOLE SIZE 6-3/4" / TD 1290'
OTHER LAND MARKS W. of Antoine & Piedmont & S. of Tidwell Road	DATE STARTED DRILLING 10-7-69
	DATE FINISHED DRILLING 10-9-69
	DRILLER F.R. Wall / RIG NO. 2
	TYPE MUD Gel / NO. SACKS
	ELECTRIC LOG Yes / TYPE Schlumberger
	SURVEY Eastman / TYPE Single-shot
	OTHER J. B. Deering

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
0		Surface			
3	3	Top soil			
23	20	Clay			
33	10	Sand & sandy clay			
102	69	Clay			
126	24	Clay & sandy streaks			
138	12	Sticky clay			
170	32	Sand			
181	11	Hard shale			
197	16	Sand			
209	12	Sand & shale streaks			
240	31	Shale & sand streaks			
258	18	Sand & sandy shale			
364	106	Hard shale & sandy shale			
398	34	Sand & sandy shale			
416	18	Shale			
478	62	Sand & sandy shale			
520	42	Sand, gravel & shale breaks			
587	67	Sand & shale streaks			
603	16	Shale			
622	19	Sandy shale streaks			
681	59	Shale			
698	17	Sand & gravel			
777	79	Shale			
785	8	Sand			
809	24	Shale			
898	89	Sandy shale & sand			
920	22	Shale & sand streaks			
940	20	Hard sand & shale streaks			
951	11	Shale			
963	12	Sand			
975	12	Sandy shale & sand			
985	10	Sand			
1052	67	Shale			
1090	38	Sand & shale breaks			
1161	71	Shale			
1189	28	Sand, gravel & shale			
1195	6	Shale			

65-13-1a
65-13-119

FORM NO. 1803 - 1M - 8-51 - S&L

THE LAYNE TEXAS COMPANY, LTD.

HOUSTON -:- DALLAS

REPORT NO. 8235
B. O. 2618-69
PAGE 1 OF 1
FILE NO. 3386
DATE 11/10/69

MATERIAL SETTING

CUSTOMER LOCATION

FOR Harris County Water Control & Improvement District #112
LOCATION WELL Candlelight Oaks
SURVEY
FIELD
COUNTY Harris
STATE Texas
OTHER LAND MARKS W. of Antoine & Piedmont Sts. and S. of Tidwell Road

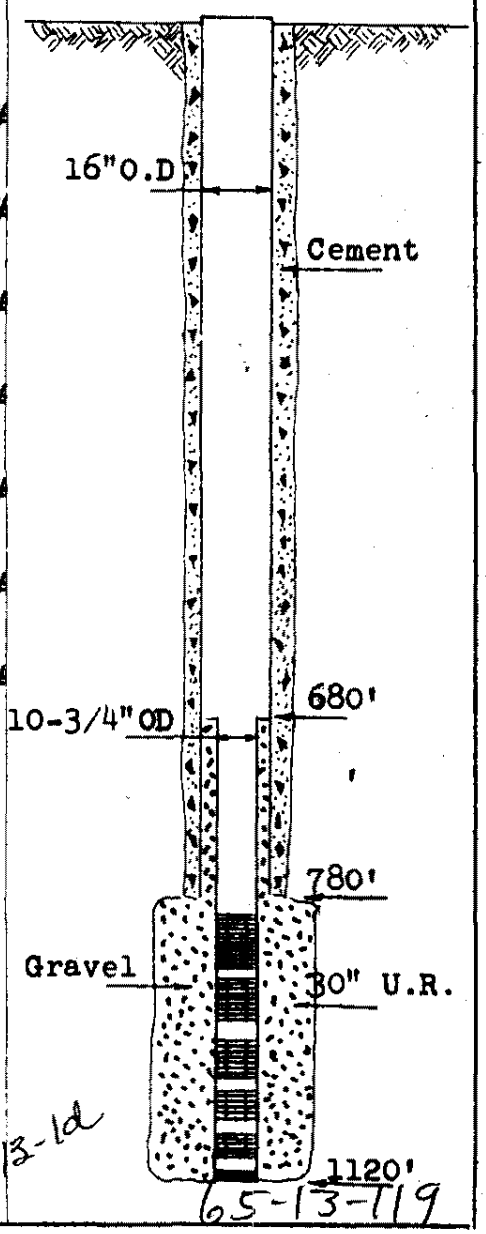
WELL DATA

NAME WELL
WELL NO. 1
ELEVATION
DATUM
TYPE WELL Gravel-wall
SURFACE CASING CEMENTED Yes NO. SACKS 382+8% Gel
SIZE HOLE UNDERREAMED 30" DEPTH 780-1120 ft.
GRAVEL TYPE 112-113- NO. CU. YDS. 129
TYPE SCREEN S.S. W.W. Bar- GAGE .045"
DRILLER F. R. Wall RIG NO. 2
OTHER J. B. Deering

DEPTH	LENGTH	SIZE, KIND, WEIGHT MATERIAL
+2'		16" O.D. surface casing 62.58#
0		Surface
680'		Top of 10-3/4" O.D. liner & R&L coupling
778'	780'	16" O.D. surface casing 62.58#
790'	110'	10-3/4" O.D. blank liner 31.20#
850'	60'	10-3/4" O.D. S.S. W.W. Barlug screen .045" ga.
860'	10'	10-3/4" O.D. blank liner 31.20#
900'	40'	10-3/4" O.D. S.S. W.W. Barlug screen .045" ga.
920'	20'	10-3/4" O.D. blank liner 31.20#
940'	20'	10-3/4" O.D. S.S. W.W. Barlug screen .045" ga.
960'	20'	10-3/4" O.D. blank liner 31.20#
990'	30'	10-3/4" O.D. S.S. W.W. Barlug screen .045" ga.
1060'	70'	10-3/4" O.D. blank liner 31.20#
1080'	20'	10-3/4" O.D. S.S. W.W. Barlug screen .045" ga.
1090'	10'	10-3/4" O.D. blank liner 31.20#
1100'	10'	10-3/4" O.D. S.S. W.W. Barlug screen .045" ga.
1118'	18'	10-3/4" O.D. blank liner 31.20#
1120'	2'	10-3/4" O.D. set nipple & back pressure valve

Total depth 1120 ft.

SKETCH



65-13-1d

65-13-119

REPORT NO. 8236
W. O. 2618-69
PAGE 1 of 1
FILE NO. 3386
DATE 11/10/69

LAYNE TEXAS COMPANY,

HOUSTON -:- DALLAS

WATER WELL TEST

CUSTOMER LOCATION

TEST FOR Harris County W.C.&I.D. #112

LOCATION OF WELL Candlelight Oaks

SURVEY FIELD

COUNTY Harris STATE Texas

DESCRIPTION OF LAND MARKS W. of Antoine & Piedmont Sts. & S. of Tidwell Road

WELL DATA

NAME WELL WELL NO. 1

ELEVATION DATUM

WELL SIZE 16" x 10-3/4" x 30" U.R.

TOTAL DEPTH 1120' TOP SCREEN 791'-851'

GRAVEL WELL Yes STRAIGHT WELL

TYPE SCREEN S.S. W.W. Barlug GAGE .045"

TEMPERATURE OF WATER

WATER CONDITION

WATER MEASURING DEVICE

ORIFICE SIZE 8"x6" LENGTH 36"

OTHER

TEST PUMP DATA

DEPTH SETTING TOP OF BOWL 440'

LENGTH AIR LINE 435' SIZE 1/4"

TYPE BOWL RKHC 12" NO. STAGES 7

LENGTH BOWL SUCTION LT.

SAND CONTENT OZ PER 100 GAL

WATER SAMPLE TAKEN Yes NO SAMPLES 1

BACTERIOLOGICAL SAMPLE TAKEN

DRAWDOWN SPECIFIC CAPACITY

ACTIVE STATIC HEAD AFTER PUMP STOPPED

5 MIN	288 FT.	20 MIN.	284 FT.
10 MIN	286 FT.	25 MIN.	283 FT.
15 MIN.	285 FT.	30 MIN.	283 FT.

S.L. before start 279 ft.

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH. PRESS.	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
11/6/69 - Started test at 1:00 P.M.								
1:30PM	70	365		45	1034			
2:00	70	365		44	1023			
2:30	69	366		44	1023			
3:00	68	367		44	1023			
3:30	64	371		48	1067	Motor picked up		
4:00	67	368		44½	1029	Slowed motor		
4:30	67	368		44½	1029			
5:00	67	368		44	1023			
5:30	67	368		44	1023			
6:00	67	368		44	1023			
6:30	67	368		44	1023			
7:00	68	367		43.5	1018			
7:30	67	368		43.5	1018			
8:00	67	367		44	1023			
8:30	67	367		44	1023			
9:00	67	367		44	1023			

65-13-1d

OBSERVERS

F. R. Wall

FOR OWNER FOR LAYNE TEXAS CO.

65-13-119

FORM NO. 35

EDNA WOOD LABORATORIES

WATER TECHNOLOGISTS . . CHEMISTS . . MICROBIOLOGISTS

12 November 1969

To: Layne Texas Company
Houston, Texas

NO 2118-69

Sample marked: Harris Cty. W.C. & I.D. 112. Taken: 11-6-69 after pumping at 1023 gpm. Static Head: 279'. Pumping Level: 367'. Screened: 770 - 1100'. Water clear, no odor.

Received: 11-10-69.

WATER ANALYSIS

results in parts per million (mg/l) except as noted

Dissolved Residue at 350°C		298	Conductance, micromhos/cm, 25°C		518
Total Dissolved Solids, actual†		417	Color, units		1
Total Dissolved Solids, calc.		412	Turbidity, units		0
Silica	SiO_2	16	As Calcium Carbonate, $CaCO_3$:		
Calcium	Ca	37	Phenolphthalein Alkalinity		0
Magnesium	Mg	8	Total Alkalinity		192
Sodium (diff.) Na + K as	Na	63	Total Hardness		127
Carbonate	CO_3	0	Free Carbon Dioxide	CO_2	5
Bicarbonate	HCO_3	234	pH . . . 7.83		
Sulfate	SO_4	11	HYPOTHETICAL COMBINATIONS		
Chloride	Cl	43	Calcium Bicarbonate		150
Total Iron	Fe	0.10	Magnesium Bicarbonate		50
			Sodium Bicarbonate		109
			Sodium Sulfate		16
			Sodium Chloride		71
			Silica		16
			Total Dissolved Solids, calc.		412

†Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO_3) ion

2343
1b

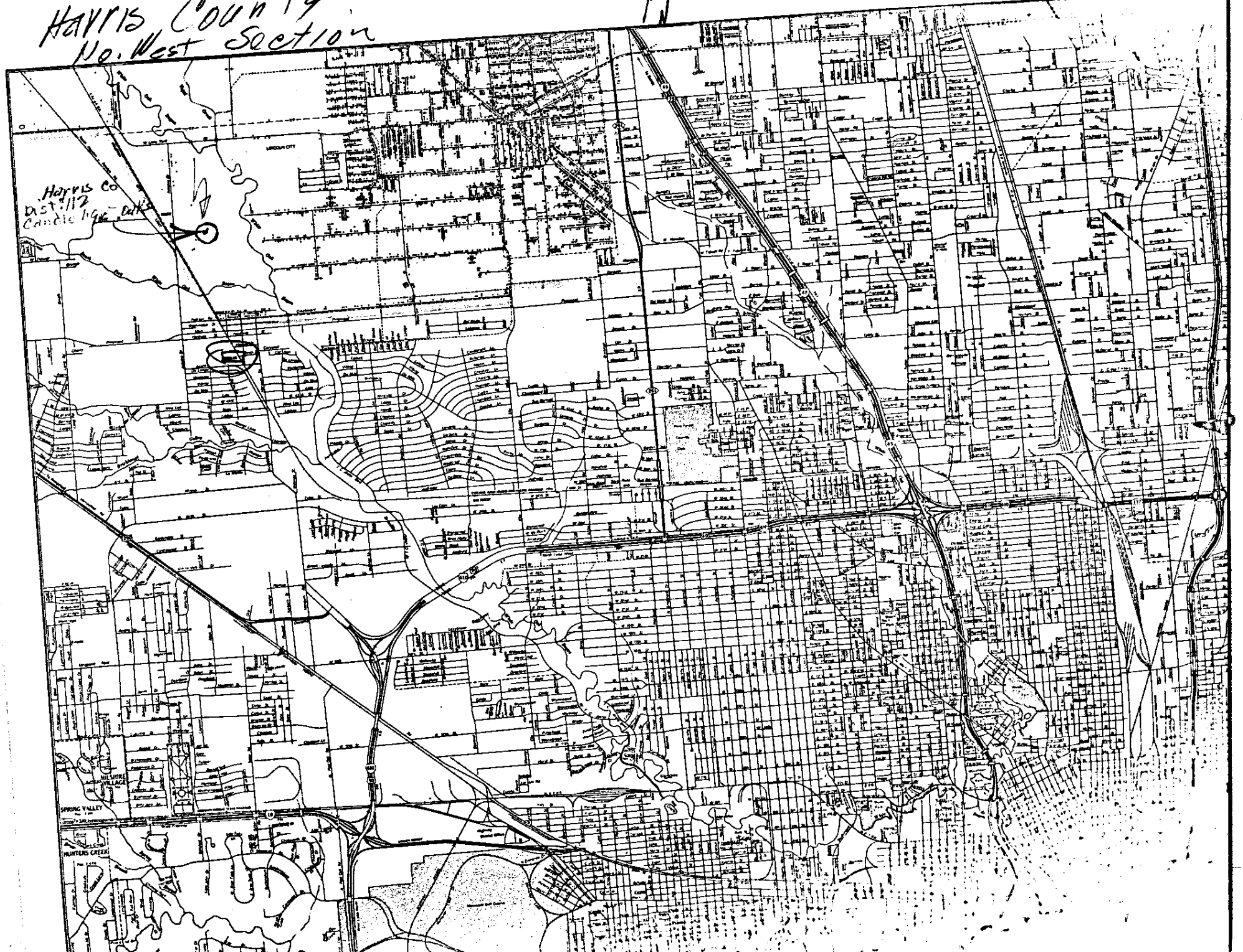
EDNA WOOD LABORATORIES

By: Edna Wood 65-13-1d
Edna Wood

Tel: (713) 747-7271 • P. O. BOX 14171 • 4820 OLD SPANISH TRAIL • HOUSTON, TEXAS 77021

Harris County
No. West Section

65-18-10



(72)

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-04-9Q
Located on map yes
Received: 76 JL

1) OWNER:
Person having well drilled SITTON CONSTRUCTION (Name) Address 6111 PINEMONT (Street or RFD) HOU (City) Tex. (State)

Landowner 7-11 STORES (Name) Address HOUSTON (Street or RFD) TEXAS (City) (State)

2) LOCATION OF WELL:
County HARRIS, _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

[illegible]

[illegible] - 70

North

(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic ✓ Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6½" in. Depth drilled 150 ft. Depth of completed well 150 ft. Date drilled 5-1-71

All measurements made from 4' ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	15	Top Soil
15	80	Sand
80	90	Clay
90	150	Sand

(Use reverse side if necessary)

9) Casing:
Type: Old ~~New~~ Steel Plastic ✓ Other
Cemented from 0 ft. to 140 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	140	

10) SCREEN:
Type SS Rod Base
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2	140	150	.020

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 57' ft. below land surface Date _____
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes ~~No~~ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes ~~No~~
Did any strata contain undesirable water? Yes ~~No~~
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME CARL K. BUSSELL (Type or Print) Water Well Drillers Registration No. 1581

ADDRESS 5999 Pinemont (Street or RFD) Houston (City) TEXAS (State)

(Signed) Carl K. Bussell (Water Well Driller) BUSSELL & SON Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDB-WD-6

4820110457

450

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER J.A. BOOKER (Name) ADDRESS 6000 PINEMONT HOU-TEXAS 77092 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County HARRIS . 2 miles in N (NE, SW, etc.) direction from HOUSTON (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:

Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____

Distance and direction from two intersecting section or survey lines _____

☑ SEE ATTACHED MAP

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____ ☐ Driven

6) WELL LOG:

Date Drilling: Started 10-19 1991 Completed 10-20 1991

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
4 1/2	Surface	80

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____

If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
Surf	18	SANDY CLAY
18	36	RED CLAY
36	49	SAND RED
49	70	CLAY - BLUE
70	80	SAND WHITE

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
2"		Sch 40 70FT	70	80	010GA

9) CEMENTING DATA [Rule 287.44(1)]

Cemented from SURF ft. to 68 ft. No. of Sacks Used 9

_____ ft. to _____ ft. No. of Sacks Used _____

Method used Pressure

Cemented by L.F. HULL

10) SURFACE COMPLETION

☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]

☑ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]

☐ Pitless Adapter Used [Rule 287.44(3)(B)]

☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:

Static level 55 ft. below land surface Date _____

Artesian flow _____ gpm. Date _____

12) PACKERS: Type RUBBER Depth 68-70

2"

13) TYPE PUMP: ☐ Turbine ☑ Jet ☐ Submersible ☐ Cylinder ☐ Other _____

Depth to pump bowls, cylinder, jet, etc., 65 ft.

14) WELL TESTS: Type Test: ☑ Pump ☐ Bailer ☐ Jetted ☐ Estimated

Yield: 5 gpm with 0 ft. drawdown after 2 hrs.

15) WATER QUALITY:

Did you knowingly penetrate any strata which contained undesirable constituents?

☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"

Type of water? CLEAN Depth of strata 10FT

Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME L.F. HULL (Type or print) WELL DRILLER'S LICENSE NO. 02044W

ADDRESS 4933 HARTWICK (Street or RFD) HOUSTON (City) TEXAS (State) 77093 (Zip)

(Signed) L.F. Hull (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. _____ Located on map _____

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

4820129999

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 921 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 45 50 Longitude - 95 23 31 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Standard Rice Co. Driller - Layne Bowler

Address _____ Tenant/Oper. _____
Date Drilled - / /1908 Depth - 853 ft. Source of Depth - Altitude - 50 ft. Source of Alt. -
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User -

WELL CONSTRUCTION Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) | Setting(feet) From | To

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- Y Logs- Other Data-

WATER LEVELS Date- 01/25/1931 Measurement- -53.00
Date- 11/07/1938 Measurement- -85.00

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -
REMARKS -
Screen from 806 to 848 ft. Well
destroyed.

TEXAS DEPARTMENT OF WATER RESOURCES

WELL SCHEDULE

Aquifer(s) Evangeline Project No. _____ State Well No. 65-13-942

Field No./Owner's Well No. _____ County Harris

1. Location: ___ ¼, ___ ¼, Section ___, Block ___, Survey _____, Lat. _____, Long. _____

2. Owner: American General Insurance Address: _____

Tenant (other): _____ Address: _____

Driller: Layne-Texas Address: _____

3. Land Surface Elevation: 35 ft. above msl determined by _____

4. Drilled: _____ 19 63; Dug, Cable Tool, Rotary, Air, _____

5. Depth: Rept. 1337 ft. Meas. _____ ft.

6. Borehole Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed

7. Pump: Mfr. _____ Type _____

No. Stages _____, Bowls Diam. ___ in., Setting _____ ft.

Column Diam. _____ in., Length Tailpipe _____ ft.

8. Motor: Mfr. _____ Fuel _____ HP. _____

9. Yield: Flow _____ gpm, Pump _____ gpm, Meas., Rept., Est. ___ Date ___

10. Performance Test: Date 10/63 Length of Test _____ Made by L-T

Static Level 277 ft. Pumping Level 310 ft. Drawdown 33 ft.

Production 784 gpm Specific Capacity _____ gpm/ft.

11. Quality: (Remarks on taste, odor, color, etc.) _____

Analyses

Date 9/5/63 Laboratory Edna Weed TDS ___ Sp Cond 460

Date _____ Laboratory _____ TDS ___ Sp Cond _____

12. Other data available (as circled): Pumping Test, Power & Yield Test, Drillers Log, Formation Samples, Geophysical Log(s) _____ (type)

CASING, BLANK PIPE & WELL SCREEN Cemented From ____ ft. to ____ ft.			
Diam. (in.)	Type	Setting (feet) from	to
14			1090
8			1337

13. Water Level(s): _____ ft. rept. meas. _____ 19 ___ above below _____ which is ___ ft. above below Land Surface

_____ ft. rept. meas. _____ 19 ___ above below _____ which is ___ ft. above below Land Surface

14. Use: Dom., Stock, Public Supply, Ind., Irr., Observation, Other (Test Hole, Oil Test, etc.) _____

15. Recorded by: _____ Source of data: _____ Date: _____

16. Remarks: _____

17. Location or Sketch:

TDWR-0308

W/L Obs. Well ~~W/Q Obs. Well~~
State Well No. 65-13-942

FORM. NO. 1202

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

MATERIAL SETTING

REPORT NO 6497
S. O. 2426-63
PAGE 1 OF 1
FILE NO 2813
DATE 10-9-63

CUSTOMER LOCATION

FOR W. S. BELLOWS CONSTRUCTION CO. FOR AMERICAN GENERAL INSURANCE BLDG.
LOCATION WELL HOUSTON

SURVEY FIELD

COUNTY HARRIS STATE TEXAS

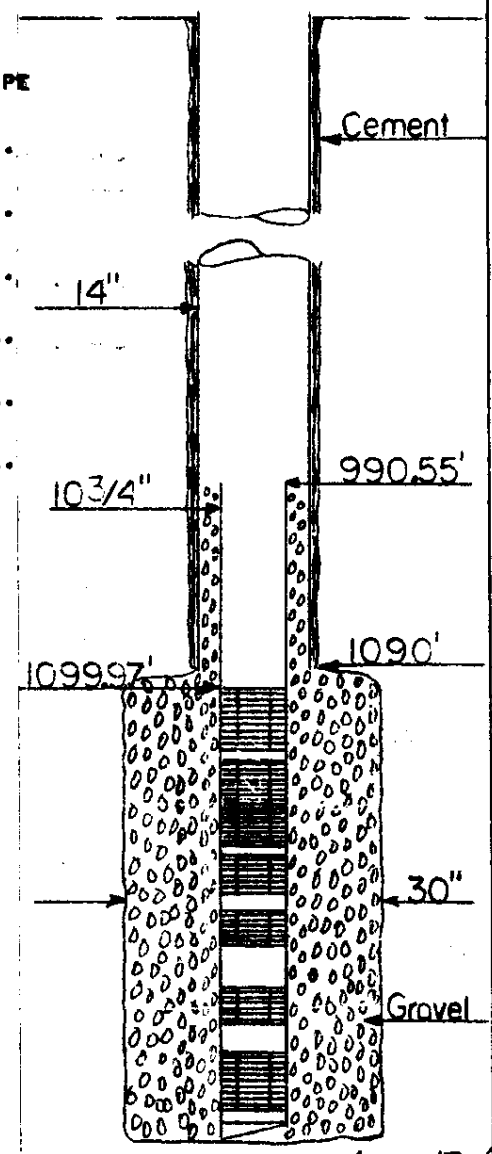
OTHER LAND MARKS ON ALLEN PARKWAY

WELL DATA

NAME WELL WELL NO. 1
ELEVATION DATUM
TYPE WELL GRAVEL-WALL
SURFACE CASING CEMENTED YES NO. SACKS 455+8% GEL
SIZE HOLE UNDERREAMED 30" DEPTH 1337'
GRAVEL TYPE 112,13,165 & 131 NO. CU. YDS 114
TYPE SCREEN S.S. W.W. GAGE .040"
DRILLER GUY PATTON RIG NO 247
OTHER G.E. FERGUSON, F. R. WALL

DEPTH	LENGTH	SIZE. KIND. WEIGHT MATERIAL
+2'		14" O.D. SURFACE CASING 2' ABOVE GROUND
0		SURFACE
990.55'		TOP OF 8-5/8" O.D. LINER
1090'	1092'	14" O.D. SURFACE CASING .375 WALL PIPE
1099.97'	109.42'	8-5/8" O.D. BLANK LINER
1131.67'	31.70'	8-5/8" O.D. S.S. W.W. SCREEN .040 GA.
1134.27'	2.60'	8-5/8" O.D. BLANK PIPE
1176.52'	42.25'	8-5/8" O.D. S.S. W.W. SCREEN .040 GA.
1180.02'	3.50'	8-5/8" O.D. BLANK PIPE
1200.52'	20.50'	8-5/8" O.D. S.S. W.W. SCREEN .040 GA.
1210.44'	9.92'	8-5/8" O.D. BLANK PIPE
1230.44'	20.00'	8-5/8" O.D. S.S. W.W. SCREEN .040 GA.
1254.59'	24.15'	8-5/8" O.D. BLANK PIPE
1274.59'	20.00'	8-5/8" O.D. S.S. W.W. SCREEN .040 GA.
1293.71'	19.12'	8-5/8" O.D. BLANK PIPE
1325.00'	31.29'	8-5/8" O.D. S.S. W.W. SCREEN .040 GA.
1335.00'	10.00'	8-5/8" O.D. BLANK PIPE
1337.00'	2.00'	8-5/8" O.D. SET NIPPLE & B.P. VALVE

TOTAL DEPTH 1337 FT.



TD=1337'

65-13-9A
65-13-942

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

WATER WELL TEST

REPORT NO. 6498
2426-63
PAGE 2 OF 2
2813
10-9-63

CUSTOMER LOCATION

TEST FOR W. S. BELLOWS CONSTRUCTION CO. FOR AMERICAN GENERAL INSURANCE BLDG.

LOCATION OF WELL HOUSTON

SURVEY FIELD

COUNTY HARRIS STATE TEXAS

DESCRIPTION OF LAND MARKS ON ALLEN PARKWAY

WELL DATA

NAME WELL WELL NO. 1

ELEVATION DATUM

WELL SIZE 14" x 8-5/8" x 30" UR

TOTAL DEPTH 1337' TOP SCREEN 1099.97'

GRAVEL WELL YES STRAIGHT WELL

TYPE SCREEN S.S. W.W. ASL .040"

TEMPERATURE OF WATER

WATER CONDITION CLEAR

WATER MEASURING DEVICE

ORIFICE SIZE 8"x6" LENGTH 5'

OTHER

TEST PUMP DATA

DEPTH REFERENCE TO PUMP BOWL 390'

LENGTH AIR LINE 400' SIZE 1/4"

TYPE BOWL WMC 12" NO. STAGES 9

LENGTH DRIVE SHAFT

SAND CONTENT OZ. PER 100 GAL

ACTIVE STATIC HEAD AFTER PUMP STOPPED

5 MIN	FT	20 MIN	FT
10 MIN	FT	25 MIN	FT
15 MIN	FT	30 MIN	FT

WATER SAMPLE TAKEN NO. SAMPLES

BACTERIOLOGICAL ANALYSIS AFTER

DRAWDOWN

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH PRESS	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
9:30PM	84	310		24½	784		F.R.W.	
10:00	84	310		24½	784			
10:30	84	310		24½	784			
11:00	84	310		24½	784			
11:30	84	310		24½	784			
12:00 M	84	310		24½	784			
12:30 AM	84	310		24½	784		J.B.D.	10/3/63
1:00	84	310		24½	784			
1:30	84	310		24½	784			
2:00	83	311		24½	784			
2:30	83	311		24½	784			
3:00	83	311		24½	784			
3:30	83	311		24½	784			
4:00	83	311		24½	784			
4:30	83	311		24½	784			
5:00	83	311		24½	784			
5:30	83	311		24½	784			
6:00	83	311		24½	784			
6:30	83	311		24½	784			
7:00	83	311		24½	784			
7:30	83	311		24½	784			
8:00	83	311		24½	784		G.P.	

OBSERVERS

THAD BRYANT (ARCHT. REPRESENTATIVE) FOR OWNER

GUY PATTON FOR LAYNE TEXAS CO.

65-13-9A

65-13-942

FORM NO. 2

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

WATER WELL TEST

REPORT NO. 6498
NO. 2426-63
PAGE 1 OF 2
FILE NO. 2813
DATE 10-9-63

CUSTOMER LOCATION

TEST FOR W.S. BELLOWS CONSTRUCTION CO. FOR AMERICAN GENERAL INSURANCE BUILDING
LOCATION OF WELL HOUSTON
SURVEY FIELD
COUNTY HARRIS STATE TEXAS
DESCRIPTION OF LAND MARKS ON ALLEN PARKWAY

WELL DATA

NAME AREA WELL NO. 1
LOCATION AREA
WELL SIZE 14" - 8-5/8" x 30" UR
TOTAL DEPTH 1337' TOP SCREEN 1099.97'
GRAVEL WELL YES STRAIGHT WELL
TYPE SCREEN S.S. W.W. SLOT .040"
TEMPERATURE OF WATER
WATER CONDITION CLEAR

WATER MEASURING DEVICE

ORIFICE SIZE 8"x6" LENGTH 5'
OTHER

TEST PUMP DATA

DEPTH SETTING 390'
CAPACITY 400' SIZE 1/4"
TYPE PUMP WMC 12" NO. STAGES 9
LENGTH BOWL INSTALLED

SAND CONTENT 0 OZ. PER 100 GAL. WATER SAMPLE TAKEN YES NO. SAMPLES 1
BATTERY SAMPLE TAKEN
DRAWDOWN SPECIFIC CAPACITY

ACTIVE STATIC HEAD AFTER PUMP STOPPED

5 MIN	282 FT	20 MIN	280 FT
10 MIN	281 FT	25 MIN	280.5 FT
15 MIN	280 FT	30 MIN	279 FT

S.L. BEFORE START 277 FT.

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH. PRESS.	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
10/2/63 STARTED TEST AT 8:00 A.M.								
8:30AM	85	309		24½	784		G.P.	
9:00	85	309		24½	784			
9:30	85	309		24½	784			
10:00	86	308		24	776			
10:30	86	308		24	776			
11:00	86	308		24	776			
11:30	85	309		24½	784			
12:00 N	85	309		24½	784			
12:30 PM	85	309		24½	784			
1:00	85	309		24½	784			
1:30	85	309		24½	784			
2:00	84.5	309.5		24½	784			
2:30	84	310		24½	784			
3:00	84	310		24½	784			
3:30	84	310		24½	784			
4:00	84	310		24½	784			
4:30	84	310		24½	784		F.R.W.	
5:00	84	310		24½	784			
5:30	84	310		24½	784			
6:00	84	310		24½	784			
6:30	84	310		24½	784			
7:00	84	310		24½	784			
7:30	84	310		24½	784			
8:00	84	310		24½	784			
8:30	82	310		24½	784			
9:00	84	310		24½	784			

OBSERVERS
THAD BRYANT, ARCHT. REPRESENTATIVE
FOR OWNER

GUY PATTON
FOR LAYNE TEXAS CO.

65-139A
65-13-942

FORM NO. 25

MICROBIOLOGY SERVICE LABORATORIES

RI 7-7271 ~~RI-7-9170~~

analytical chemists . . . microbiologists

[redacted]
Houston 21, Texas
4820 Old Spanish Trail

10 September 1963

SO 2426-63

To: Layne Texas Company
Houston, Texas

Sample marked: Well No. 1, W. S. Bellows Constr. Co., American General Ins. Group, Allen Parkway, Harris County, Texas. Taken: 9-5-63. Pumping at 30 gpm with Air Pump. Cone Packer at 1205'. Screened: 1213-1235'. F. R. Wall.

Rec'd: 9-6-63. Sample filtered for analysis.

WATER ANALYSIS

results in parts per million (mg/l) except as noted

Dissolved Residue at 105°C		264	Conductance, micromhos/cm, 25°C	460
Total Dissolved Solids, actual†		387	Color, units	20
Total Dissolved Solids, calc.		391	Turbidity, units	ND
Silica	SiO_2	15	As Calcium Carbonate, $CaCO_3$:	
Iron and Aluminum Oxides	R_2O_3	0	Phenolhpthalein Alkalinity	0
Calcium	Ca	25	Total Alkalinity	198
Magnesium	Mg	7	Total Hardness	93
Sodium (diff.) Na+K as	Na	69	Free Carbon Dioxide CO_2	0
Carbonate	CO_3	0	pH . . . 8.35	
Bicarbonate	HCO_3	242	HYPOTHETICAL COMBINATIONS	
Sulfate	SO_4	7	Calcium Bicarbonate	101
			Magnesium Bicarbonate	45
Chloride	Cl	26	Sodium Bicarbonate	177
			Sodium Sulfate	11
Dissolved Iron ~~Total Iron~~	Fe	0.19	Sodium Chloride	42
			SiO_2+R_2O_3	15
			Total Dissolved Solids, calc.	391

† Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO_3) ion

Microbiology Service Laboratories

By:
Edna Wood

4090

65-13-9A
65-13-942

MICROBIOLOGY SERVICE LABORATORIES

RI-7-9170

analytical chemists . . . microbiologists

4 October 1963

[redacted]
Houston 21, Texas
4820 Old Spanish Trail

To: Layne Texas Company
Houston, Texas

S.O. No. 2426-63

Sample Marked: Well No. 1, American General Insurance Group, Harris Cty, Texas
Taken: 10-3-63 after 24 hrs pumping at 784 gpm with Layne pump. Static Head:277'
Pumping Level: 311'. Screened: 1110-1325'. Guy Patton.

Received: 10-3-63

WATER ANALYSIS

results in parts per million (mg/l) except as noted

Dissolved Residue at 105°C		269	Conductance, micromhos/cm, 25°C		475
Total Dissolved Solids, actual†		394	Color, units		5
Total Dissolved Solids, calc.		391	Turbidity, units		0
Silica	SiO_2	13	As Calcium Carbonate, $CaCO_3$:		
Iron and Aluminum Oxides	R_2O_3	2	Phenolhpthalein Alkalinity		0
Calcium	Ca	22	Total Alkalinity		202
Magnesium	Mg	7	Total Hardness		82
Sodium (diff.) Na+K as	Na	73	Free Carbon Dioxide	CO_2	6
Carbonate	CO_3	0	pH . . . 7.8		
Bicarbonate	HCO_3	246	HYPOTHETICAL COMBINATIONS		
Sulfate	SO_4	2	Calcium Bicarbonate		89
			Magnesium Bicarbonate		40
Chloride	Cl	26	Sodium Bicarbonate		201
			Sodium Sulfate		3
Total Iron	Fe	0.14	Sodium Chloride		43
			$SiO_2 + R_2O_3$		15
			Total Dissolved Solids, calc.		391

† Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO_3) ion

Microbiology Service Laboratories

By: Edna Wood

4117

65-13-9A
65-13-942

65-13-9a

FORM NO. 28

LAYNE TEXAS COMPANY,

HOUSTON -:- DALLAS

WELL LOG

REPORT NO 6496
S. O. 2426-63
PAGE 1 OF 2
FILE NO 2813
DATE 10-9-63

CUSTOMER LOCATION

FOR W. S. BELLOWS CONSTRUCTION CO. FOR AMERICAN GENERAL INSURANCE BUILDING

LOCATION WELL HOUSTON

SURVEY FIELD

COUNTY HARRIS STATE TEXAS

OTHER LAND MARKS ON ALLEN PARKWAY

WELL DATA

NAME WELL WELL NO. 1

ELEVATION DATUM

RT C

TEST HOLE SIZE 9-7/8" & 6-1/4" GR TD 1402'

DATE STARTED DRILLING 8-28-63

DATE FINISHED DRILLING 9-3-63

DRILLER GUY PATTON RIG NO. 247

TYPE MUD GEL & CLAY NO. SACKS 12

ELECTRIC LOG YES TYPE SCHLUMBERGER

SURVEY EASTMAN TYPE SINGLE-SHOT

OTHER

BR

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
0		SURFACE			
16	16	CLAY			
21	5	SAND			
27	6	CLAY			
35	8	SAND & SANDY CLAY			
50	15	CLAY & SAND STREAKS			
89	39	CLAY & HARD STREAKS			
112	23	SANDY SHALE			
131	19	SAND			
142	11	SANDY SHALE & SAND STREAKS			
164	22	SAND & SHALE LAYERS			
196	32	SHALE & SANDY SHALE			
210	14	SAND & SANDY SHALE			
224	14	SANDY SHALE			
237	13	SAND			
307	70	SHALE			
321	14	FINE SAND			
332	11	SHALE			
360	28	SAND			
385	25	SAND & STREAKS OF SHALE			
411	26	SHALE			
477	66	SAND (CUT GOOD)			
511	34	SAND & STREAKS OF SHALE			
531	20	SAND (CUT GOOD)			
536	5	SHALE			
570	34	SAND (CUT GOOD)			
662	92	SHALE			
672	10	SANDY SHALE & SAND STREAKS			
691	19	SAND & SANDY SHALE			
789	98	SHALE & SAND STREAKS			
803	14	SAND			
823	20	SANDY SHALE & SAND STREAKS			
830	7	SAND			
838	8	SHALE			
869	31	SAND			
932	63	SAND & SHALE BREAKS			
980	48	SHALE			
1004	24	SAND			
1023	19	SHALE & SAND STREAKS			

65-13-9a

65-13-9a

FORM NO. 28

LAYNE TEXAS COMPANY,

HOUSTON -:- DALLAS

WELL LOG

REPORT NO. 6496
S. O. 2426-63
PAGE 2 OF 2
FILE NO. 2813
DATE 10-9-63

CUSTOMER LOCATION

FOR W. S. BELLOWS CONSTRUCTION CO. FOR AMERICAN GENERAL INSURANCE BLDG.
LOCATION WELL HOUSTON

SURVEY FIELD

COUNTY HARRIS STATE TEXAS

OTHER LAND MARKS ON ALLEN PARKWAY

WELL DATA

NAME WELL WELL NO. 1
ELEVATION DATUM
RT C GR
TEST HOLE SIZE 9-7/8" & 6-1/4" TD 1402'
DATE STARTED DRILLING 8-28-63
DATE FINISHED DRILLING 9-3-63
DRILLER GUY PATTON RIG NO. 247
TYPE MUD GEL & CLAY NO. SACKS 12
ELECTRIC LOG YES TYPE SCHLUMBERGER
SURVEY EASTMAN TYPE SINGLE-SHOT
OTHER

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
1023					
1038	15	SAND			
1062	24	SHALE			
1065	3	SAND			
1097	32	SHALE			
1138	41	SAND			
1154	16	SANDY SHALE			
1190	36	SAND & SHALE STREAKS			
1208	18	SHALE			
1244	36	SAND			
1255	11	SHALE			
1268	13	SAND			
1298	30	SHALE			
1326	28	SAND & SHALE STREAKS			
1351	25	SHALE			
1363	12	SAND			
1368	5	SANDY SHALE			
1398	30	SAND (CUT GOOD)			
1402	4	SANDY SHALE			

TOTAL DEPTH 1402 FT.

65-13-94 65-13-94

FORM NO. 1202

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

MATERIAL SETTING

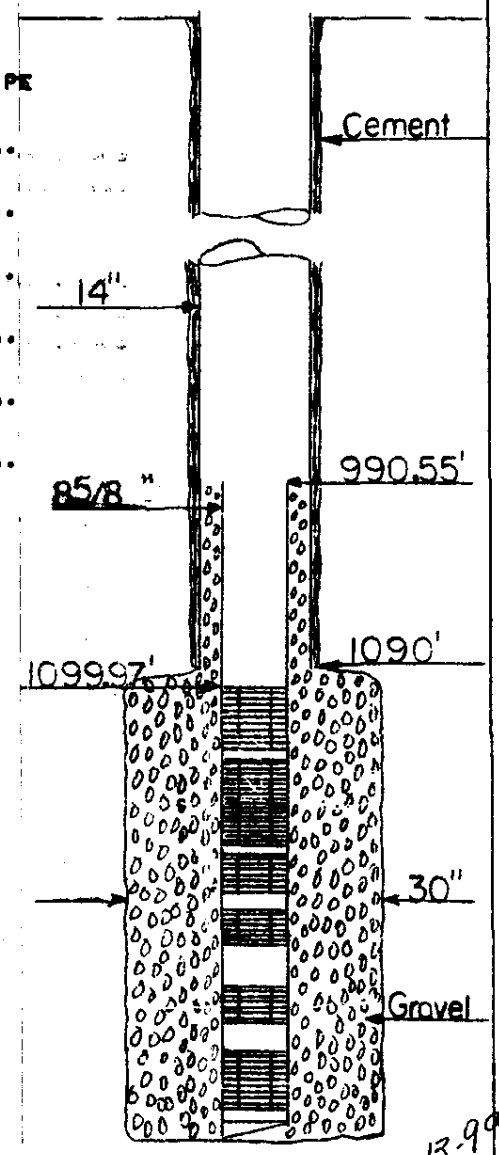
REPORT NO 6497
S O 2426-63
PAGE 1 OF 1
FILE NO. 2813
DATE 10-9-63

CUSTOMER LOCATION	WELL DATA
FOR W. S. BELLOWS CONSTRUCTION CO. FOR AMERICAN GENERAL INSURANCE BLDG.	NAME WELL WELL NO. 1
LOCATION WELL HOUSTON	ELEVATION DATUM
	TYPE WELL GRAVEL-WALL
	SURFACE CASING CEMENTED YES NO. SACKS 455+8% GEL
SURVEY FIELD	SIZE HOLE UNDERREAMED 30" DEPTH 1337'
	GRAVEL TYPE 112,13,165 & 131 NO. CU. YDS. 114
COUNTY HARRIS STATE TEXAS	TYPE SCREEN S.S. W.W. GAGE .040"
	DRILLER GUY PATTON RIG NO. 247
OTHER LAND MARKS ON ALLEN PARKWAY	OTHER G.E. FERGUSON, F. R. WALL

DEPTH	LENGTH	SIZE, KIND, WEIGHT MATERIAL
+2'		14" O.D. SURFACE CASING 2' ABOVE GROUND
0		SURFACE
990.55'		TOP OF 8-5/8" O.D. LINER
1090'	1092'	14" O.D. SURFACE CASING .375 WALL PIPE
1099.97'	109.42'	8-5/8" O.D. BLANK LINER
1131.67'	31.70'	8-5/8" O.D. S.S. W.W. SCREEN .040 GA.
1134.27'	2.60'	8-5/8" O.D. BLANK PIPE
1176.52'	42.25'	8-5/8" O.D. S.S. W.W. SCREEN .040 GA.
1180.02'	3.50'	8-5/8" O.D. BLANK PIPE
1200.52'	20.50'	8-5/8" O.D. S.S. W.W. SCREEN .040 GA.
1210.44'	9.92'	8-5/8" O.D. BLANK PIPE
1230.44'	20.00'	8-5/8" O.D. S.S. W.W. SCREEN .040 GA.
1254.59'	24.15'	8-5/8" O.D. BLANK PIPE
1274.59'	20.00'	8-5/8" O.D. S.S. W.W. SCREEN .040 GA.
1293.71'	19.12'	8-5/8" O.D. BLANK PIPE
1325.00'	31.29'	8-5/8" O.D. S.S. W.W. SCREEN .040 GA.
1335.00'	10.00'	8-5/8" O.D. BLANK PIPE
1337.00'	2.00'	8-5/8" O.D. SET NIPPLE & B.P. VALVE

TOTAL DEPTH 1337 FT.

SKETCH



T.D.-1337'

65-13-942

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

WATER WELL TEST

REPORT NO 6498
S O 2426-63
PAGE 2 OF 2
FILE NO 2813
DATE 10-9-63

CUSTOMER LOCATION

TEST FOR W. S. BELLOWS CONSTRUCTION CO. FOR AMERICAN GENERAL INSURANCE BLDG.
LOCATION OF WELL HOUSTON
SURVEY FIELD
COUNTY HARRIS STATE TEXAS
DESCRIPTION OF LAND MARKS ON ALLEN PARKWAY

WELL DATA

NAME WELL WELL NO 1
ELEVATION DATUM
WELL SIZE 14" x 8-5/8" x 30" UR
TOTAL DEPTH 1337' TOP SCREEN 1099.97'
GRAVEL WELL YES STRAIGHT WELL
TYPE SCREEN S.S. W.W. GAGE .040"
TEMPERATURE OF WATER
WATER CONDITION CLEAR

WATER MEASURING DEVICE

ORIFICE SIZE 8"x6" LENGTH 5'
OTHER

TEST PUMP DATA

DEPTH SETTING TOP OF BOWL 390'
LENGTH AIR LINE 400' SIZE 1/4"
TYPE BOWL WMC 12" NO STAGES 9
LENGTH BOWL SUCTION LT

SAND CONTENT OZ. PER 100 GAL
WATER SAMPLE TAKEN NO SAMPLES
BACTERIOLOGICAL SAMPLE TAKEN
DRAWDOWN SPECIFIC CAPACITY

ACTIVE STATIC HEAD AFTER PUMP STOPPED

5 MIN	FT.	20 MIN.	FT.
10 MIN.	FT.	25 MIN.	FT.
15 MIN	FT.	30 MIN.	FT.

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH PRESS.	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
9:30PM	84	310		24½	784		F.R.W.	
10:00	84	310		24½	784			
10:30	84	310		24½	784			
11:00	84	310		24½	784			
11:30	84	310		24½	784			
12:00 M	84	310		24½	784			10/3/63
12:30 AM	84	310		24½	784		J.B.D.	
1:00	84	310		24½	784			
1:30	84	310		24½	784			
2:00	83	311		24½	784			
2:30	83	311		24½	784			
3:00	83	311		24½	784			
3:30	83	311		24½	784			
4:00	83	311		24½	784			
4:30	83	311		24½	784			
5:00	83	311		24½	784			
5:30	83	311		24½	784			
6:00	83	311		24½	784			
6:30	83	311		24½	784			
7:00	83	311		24½	784			
7:30	83	311		24½	784			
8:00	83	311		24½	784		G.P.	

OBSERVERS
THAD BRYANT (ARCHT. REPRESENTATIVE)
FOR OWNER

GUY PATTON
FOR LAYNE TEXAS CO.

65-13-942

65-13-942

FORM NO. 25 -

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

WATER WELL TEST

REPORT NO 6498
S.O. 2426-63
PAGE 1 OF 2
FILE NO 2813
DATE 10-9-63

CUSTOMER LOCATION

TEST FOR W.S. BELLOWS CONSTRUCTION CO. FOR AMERICAN GENERAL INSURANCE BUILDING
LOCATION OF WELL HOUSTON
SURVEY FIELD
COUNTY HARRIS STATE TEXAS
DESCRIPTION OF LAND MARKS ON ALLEN PARKWAY

WELL DATA

NAME WELL WELL NO 1
ELEVATION DATUM
WELL SIZE 14" x 8-5/8" x 30" UR
TOTAL DEPTH 1337' TOP SCREEN 1099.97'
GRAVEL WELL YES STRAIGHT WELL
TYPE SCREEN S.S. W.W. GAGE .040"
TEMPERATURE OF WATER
WATER CONDITION CLEAR

WATER MEASURING DEVICE

ORIFICE SIZE 8"x6" LENGTH 5'
OTHER

TEST PUMP DATA

DEPTH SETTING TOP OF BOWL 390'
LENGTH AIR LINE 400' SIZE 1/4"
TYPE BOWL WMC 12" NO STAGES 9
LENGTH BOWL SUCTION LT

SAND CONTENT 0 OZ. PER 100 GAL.

ACTIVE STATIC HEAD AFTER PUMP STOPPED

5 MIN.	282 FT	20 MIN.	280 FT
10 MIN	281 FT.	25 MIN	280.5 FT
15 MIN	280 FT	30 MIN	279 FT

S.L. BEFORE START 277 FT.

WATER SAMPLE TAKEN YES NO SAMPLES 1
BACTERIOLOGICAL SAMPLE TAKEN
DRAWDOWN SPECIFIC CAPACITY

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH. PRESS.	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
10/2/63	STARTED TEST AT 8:00 A.M.							
8:30AM	85	309		24½	784		G.P.	
9:00	85	309		24½	784			
9:30	85	309		24½	784			
10:00	86	308		24	776			
10:30	86	308		24	776			
11:00	86	308		24	776			
11:30	85	309		24½	784			
12:00 N	85	309		24½	784			
12:30 PM	85	309		24½	784			
1:00	85	309		24½	784			
1:30	85	309		24½	784			
2:00	84.5	309.5		24½	784			
2:30	84	310		24½	784			
3:00	84	310		24½	784			
3:30	84	310		24½	784			
4:00	84	310		24½	784			
4:30	84	310		24½	784		F.R.W.	
5:00	84	310		24½	784			
5:30	84	310		24½	784			
6:00	84	310		24½	784			
6:30	84	310		24½	784			
7:00	84	310		24½	784			
7:30	84	310		24½	784			
8:00	84	310		24½	784			
8:30	82	310		24½	784			
9:00	84	310		24½	784			

OBSERVERS
THAD BRYANT, ARCHT. REPRESENTATIVE
FOR OWNER

GUY PATTON
FOR LAYNE TEXAS CO.

65-13-9a
65-13-942

FORM NO. 26

MICROBIOLOGY SERVICE LABORATORIES

RI-7-9170

analytical chemists . . . microbiologists

4 October 1963

[redacted]
Houston 21, Texas
820 Old Spanish Trail

To: Layne Texas Company
Houston, Texas

S.O. No. 2426-63

Sample Marked: Well No. 1, American General Insurance Group, Harris Cty, Texas
Taken: 10-3-63 after 24 hrs pumping at 784 gpm with Layne pump. Static Head: 277'
Pumping Level: 311'. Screened: 1110-1325'. Guy Patton.

Received: 10-3-63

WATER ANALYSIS

results in parts per million (mg/l) except as noted

Dissolved Residue at 105°C		269	Conductance, micromhos/cm, 25°C		475
Total Dissolved Solids, actual†		394	Color, units		5
Total Dissolved Solids, calc.		391	Turbidity, units		0
Silica	SiO_2	13	As Calcium Carbonate, $CaCO_3$:		
Iron and Aluminum Oxides	R_2O_3	2	Phenolhpthalein Alkalinity		0
Calcium	Ca	22	Total Alkalinity		202
Magnesium	Mg	7	Total Hardness		82
Sodium (diff.) Na+K as	Na	73	Free Carbon Dioxide	CO_2	6
Carbonate	CO_3	0	pH . . . 7.8		
Bicarbonate	HCO_3	246	HYPOTHETICAL COMBINATIONS		
Sulfate	SO_4	2	Calcium Bicarbonate		89
			Magnesium Bicarbonate		40
Chloride	Cl	26	Sodium Bicarbonate		201
			Sodium Sulfate		3
Total Iron	Fe	0.14	Sodium Chloride		43
			$SiO_2 + R_2O_3$		15
			Total Dissolved Solids, calc.		391

† Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO_3) ion

Microbiology Service Laboratories

By: Edna Wood

4117

65-13-9a

65-13-9a2

FORM NO. 28

LAYNE TEXAS COMPANY.

HOUSTON -:- DALLAS

WELL LOG

REPORT NO 6496
S. O. 2426-63
PAGE 2 OF 2
FILE NO 2813
DATE 10-9-63

CUSTOMER LOCATION	WELL DATA
FOR W. S. BELLOWS CONSTRUCTION CO. FOR AMERICAN GENERAL INSURANCE BLDG.	NAME WELL — WELL NO. 1
LOCATION WELL HOUSTON	ELEVATION — DATUM
	RT — GR
	TEST HOLE SIZE 9-7/8" & 6-1/4" TD 1402'
SURVEY — FIELD	DATE STARTED DRILLING 8-28-63
	DATE FINISHED DRILLING 9-3-63
COUNTY HARRIS — STATE TEXAS	DRILLER GUY PATTON — RIG NO 247
	TYPE MUD GEL & CLAY — NO SACKS 12
OTHER LAND MARKS ON ALLEN PARKWAY	ELECTRIC LOG YES — TYPE SCHLUMBERGER
	SURVEY EASTMAN — TYPE SINGLE-SHOT
	OTHER

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
1023					
1038	15	SAND			
1062	24	SHALE			
1065	3	SAND			
1097	32	SHALE			
1138	41	SAND			
1154	16	SANDY SHALE			
1190	36	SAND & SHALE STREAKS			
1208	18	SHALE			
1244	36	SAND			
1255	11	SHALE			
1268	13	SAND			
1298	30	SHALE			
1326	28	SAND & SHALE STREAKS			
1351	25	SHALE			
1363	12	SAND			
1368	5	SANDY SHALE			
1398	30	SAND (CUT GOOD)			
1402	4	SANDY SHALE			

TOTAL DEPTH 1402 FT.

~~4 pages~~
~~2 page~~
attach
65-13-940

65-13-942

65-13-942

65-13-9a

FORM NO 28

LAYNE TEXAS COMPANY.

HOUSTON -:- DALLAS

WELL LOG

REPORT NO 6496
S O 2426-63
PAGE 1 OF 2
FILE NO 2813
DATE 10-9-63

CUSTOMER LOCATION	WELL DATA
FOR W. S. BELLOWS CONSTRUCTION CO. FOR AMERICAN GENERAL INSURANCE BUILDING	NAME WELL — WELL NO 1
LOCATION WELL HOUSTON	ELEVATION — DATUM
SURVEY — FIELD	RT — TEST HOLE SIZE 9-7/8" & 6-1/4" OR — TD 1402'
COUNTY HARRIS — STATE TEXAS	DATE STARTED DRILLING 8-28-63
OTHER LAND MARKS ON ALLEN PARKWAY	DATE FINISHED DRILLING 9-3-63
	DRILLER GUY PATTON — RIG NO 247
	TYPE MUD GEL & CLAY — NO SACKS 12
	ELECTRIC LOG YES — TYPE SCHLUMBERGER
	SURVEY EASTMAN — TYPE SINGLE-SHOT
	OTHER

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
0		SURFACE			
16	16	CLAY			
21	5	SAND			
27	6	CLAY			
35	8	SAND & SANDY CLAY			
50	15	CLAY & SAND STREAKS			
89	39	CLAY & HARD STREAKS			
112	23	SANDY SHALE			
131	19	SAND			
142	11	SANDY SHALE & SAND STREAKS			
164	22	SAND & SHALE LAYERS			
196	32	SHALE & SANDY SHALE			
210	14	SAND & SANDY SHALE			
224	14	SANDY SHALE			
237	13	SAND			
307	70	SHALE			
321	14	FINE SAND			
332	11	SHALE			
360	28	SAND			
385	25	SAND & STREAKS OF SHALE			
411	26	SHALE			
477	66	SAND (CUT GOOD)			
511	34	SAND & STREAKS OF SHALE			
531	20	SAND (CUT GOOD)			
536	5	SHALE			
570	34	SAND (CUT GOOD)			
662	92	SHALE			
672	10	SANDY SHALE & SAND STREAKS			
691	19	SAND & SANDY SHALE			
789	98	SHALE & SAND STREAKS			
803	14	SAND			
823	20	SANDY SHALE & SAND STREAKS			
830	7	SAND			
838	8	SHALE			
869	31	SAND			
932	63	SAND & SHALE BREAKS			
980	48	SHALE			
1004	24	SAND			
1023	19	SHALE & SAND STREAKS			

65-13-942

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-944

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by McAdoo — Source of data TWDB — Date 10-18-66 — Map Houston Heights 1955 1:24000

State Texas [48] — County (or town) Harris [LJ]

Latitude: 29 45 41 N — Longitude: 095 23 29 — Sequential number: 1

Lat-long accuracy: 1 — T. ___ N, S. R ___ E, Sec ___, ___ ¼, ___ ¼, ___ ¼

Local well number: LJ-65-13-944 — Other number: B & M C-22

Local use: — Owner or name: city of Houston

Owner or name: CITY OF HOUSTON — Address: Central Plant.

Ownership: (C) County, (F) Fed Gov't, (M) Mcy, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — M

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mnd, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — P

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed — W

DATA AVAILABLE: Well data [1] — Freq. W/L meas.: Annual 1966 [A] — Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 3-17-66 [A] — Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: Drillers Log (0-1915) E-Log T-44 — DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 1644 ft [1644] Meas. rept Driller accuracy — 3

Depth cased (first perf.): 700 ft [700] — Casing type: S; Diam. 24-14 in [24]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other — G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other — H

Date Drilled: 3-8-66 [966] — Pump intake setting: ___ ft

Driller: Layne Texas Co. (name), Houston, Texas (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other — T — Deep Shallow D

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. ___ — 5 — Trans. or meter no.

Descrip. MP Meas. Pipe +4.5 ft above below LSD. Alt. MP

Alt. LSD: 32 [32] — Accuracy (source): Topo 5' — 3

* Water Level 334.58 ft above below MP; Ft above below LSD [334] — Accuracy: Meas.

Date meas: 9-30-68 [968] — Yield: 2160 gpm [2160] — Method determined

Drawdown: 40.3 ft [40] — Accuracy: Meas — Pumping period 18 hrs [18]

QUALITY OF WATER DATA: Iron ___ ppm — Sulfate ___ ppm — Chloride ___ ppm — Hard. ___ ppm

Sp. Conduct ___ K x 10^6 — Temp. ___ °F — Date sampled

Taste, color, etc.

one hr. static.

379.4
339.1
40.3

Q606

Well No. LJ-65-13-944

Well No. LJ-65-13-944

Latitude-longitude 29 d, 45 m, 41 s (N) S 095 d, 23 m, 29.1 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: Coastal Plain (20–21) 03 Section:

F (22) Drainage Basin: 511R (33–38) Subbasin: (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat (27)

MAJOR AQUIFER: system, series, T (28–29) aquifer, formation, group E (30–31)

Lithology: (32–33) Origin: (34) Aquifer Thickness: ft

(35–37) Length of well open to: 473 ft 473 (38–40) Depth to top of: ft (41–43)

MINOR AQUIFER: system, series (44–45) aquifer, formation, group (46–47)

Lithology: (48–49) Origin: (50) Aquifer Thickness: ft

(51–53) Length of well open to: ft (54–56) Depth to top of: ft (57–59)

Intervals Screened: * 700-1630 14" 35WW .04590.

Depth to consolidated rock: ft (60–63) Source of data: (64)

Depth to basement: ft (65–68) Source of data: (69)

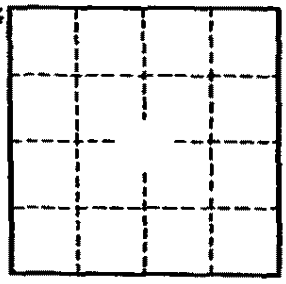
Surficial material: (70–71) Infiltration characteristics: (72)

Coefficient Trans: ✓ 150,000 gpd/ft (72–75) Coefficient Storage: (76–79)

Coefficient Perm: — gpd/ft²; Spec cap: 1 hr. 53.6 gpm/ft; Number of geologic cards: (79)

* screen
699.8-739.4
749.3-779.5
799.8-819.5
865.-719.6
974.9-999.7
1099.9-1134.4
1149.9-1179.5
1199.9-1234.7
1270.1-1330
1355.3-1390
1410.3-1450.1
1500.4-1540
1600.4-1630

<39:
24" - 0-700' cemx
14" 525-1644'
30" underreamed
Gravel Wall.



Well No. LJ-65-13-944

GPO 857-700

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017562

Latitude ° ' "	Longitude ° ' "	Seq. No.
7 4 5 4 1	0 9 5 2 3 2 9	0 1

County code 201 County Harris

Well # LJ-65-13-944

Project number 4645-01000

Date 2-11-76 Time — Temp°C 27.0

Owner City of Houston

Address Central C-22

Date drld — WBF code 121 EVGL

Sample interval: (top) 700 (bottom) 1630

Water level — Appr clear Use PS

Collector Nattel Yield — GPM

Smpld aftr pmpg on arrival Depth —

Pt of coll top on discharge

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I

Other

Herbicide Insecticide

Remarks:

Type 2 (1) Station identification number 2 9 4 5 4 1 0 9 5 2 3 2 9 0 1 (2–16)

Y M D: 7 6 0 2 1 1 (17–22, Begin)

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	7 2 0 0 8			
Yield (GPM)	0 0 0 5 9			
Sample interval TOP	7 2 0 1 5	7000	03	
Sample interval BOTTOM	7 2 0 1 6	1630	04	
Water level	7 2 0 1 9			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	7 2 0 0 4				
DO (mg/l)	0 0 3 0 0				
DO % Sat.	0 0 3 0 1				
Temp °C	0 0 0 1 0	2700	02		27.0
pH	0 0 4 0 0	8000	01		8.0
Specific conductance	0 0 0 9 5	5190	03		519
HCO_3	0 0 4 4 0	2530	03		253
CO_3	0 0 4 4 5	0000	01		0
Chloride (Cl)	0 0 9 4 0	3400	02		34
Sulfate (SO_4)	0 0 9 4 5	1400	02		14
Color	0 0 0 8 0				
Coliform, membrane filter	3 1 5 0 1				
Coliform, fecal	3 1 6 1 6				
Streptococci	3 1 6 7 9				
BOD	0 0 3 1 0				

(11-71)

Water Quality Laboratory
Austin, Texas

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 45 41	095 23 29	01

County code 201 County Harris

Well # 25-65-13-944

Project number 5-4648-01000

Date 2-13-75 Time _____ Temp°C 26.0

Owner City of Houston

Address Central #22

Date drld 3-8-66 WBF code 121EVGL

Sample interval: (top) 700 (bottom) 1630

Water level _____ Appr _____ Use PS

Collector Naftel Yield _____ GPM

Smpld aftr pmpg on arrival Depth 1644

Pt of coll faucet on pipe

Field: Cond _____ pH _____ HCO_3 _____ DO _____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I + SO4

Other _____

Herbicide _____ Insecticide _____

Remarks:

Type 2 (1) Station identification number 29 45 41 095 23 29 01 (2–16)

Y M D 75 02 13 (17–22) Begin

Time of measurement _____ (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008	1644	04	
Yield (GPM)	00059			
Sample interval TOP	72015	7000	03	
Sample interval BOTTOM	72016	1630	04	

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/1)	00300				
DO % Sat.	00301				
Temp °C	00010	2600	00		
pH	00400	7500	01		7.5
Specific conductance	00095	5030	03		503
HCO_3	00440	2400	03		24
CO_3	00445	0000	01		0
Chloride (Cl)	00940	3300	02	up 3	33
Sulfate (SO_4)	00945	1600	02		16
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

Austin, Texas

019978

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 45 41	095 23 29	01

unty code 101 County HARRIS

Well # LJ 65-13-944

Project number T4648-01000

Date 9-23-76 Time 1000 Temp°C 27.0

Owner CITY OF HOUSTON

Address CENTRAL #22

Date drld 3-08-66 WBF code EVGL

Sample interval: (top) 700' (bottom) 1630

Water level 400.67 Appr CLEAR Use PS

Collector BEZANT Yield — GPM

Smpld aftr pmpg ON ARRIVAL Depth —

Pt of coll TAP ON DISCHARGE

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

d chem schedule I

Other

Herbicide Insecticide

Remarks:

Type 2 (1)

Station identification number 29 45 41 095 23 29 01 (2–16)

Y	M	D
76	09	23

17 Begin 22

Time of measurement ____ (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	7000	03	
Sample interval BOTTOM	72016	1630	04	
Water level	72019			

Sampled after pumping	Parameter code	Value	Exp.	Rmk	
	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2700	02		27.0
pH	00400	7800	01		7.8
Specific conductance	00095	5000	03		500
HCO_3	00440	2640	03		264
CO_3	00445	0000	01		0
Chloride (Cl)	00940	3300	02		33
Sulfate (SO_4)	00945	1400	02		14
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

(11 71)

Water Resources Division
Austin, Texas

020974

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 45 41	095 23 29	01

County code 201 County HARRIS

Well # LJ-65-13-944

Project number 7-4648-01000

Date 2-10-77 Time — Temp°C 27.0

Owner CITY OF HOUSTON

Address CENTRAL C-22

Date drld — WBF code 121 Evgl

Sample interval: (top) 700 (bottom) 1630

Water level — Appr CLEAR Use PS

Collector D. BUTLER Yield — GPM

Smpld aftr pmpg _____ Depth —

Pt of coll TAP ON DISCHARGE

Field: Cond _____ pH _____ HCO_3 _____ DO _____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule _____

Other I

Herbicide _____ Insecticide _____

Remarks:

Type 2 (1) Station identification number 29454109523290 1 (2) 1 (9) 6 (16)

Y M D (17) Begin (22)

Time of measurement (29) (32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	7000	03	
Sample interval BOTTOM	72016	1630	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2700	02		27.0
pH	00400	7800	01		7.8
Specific conductance	00095	5210	03		52
HCO_3	00440	2500	03		25
CO_3	00445	0000	01		0
Chloride (Cl)	00940	3700	02		37
Sulfate (SO_4)	00945	1100	02		11
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

FORM NO. 1202

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

MATERIAL SETTING

REPORT NO. 7271
S. O. 2099-65
PAGE 1 OF 2
FILE NO. 3073
DATE 3-8-66

CUSTOMER LOCATION		WELL DATA	
FOR	City of Houston	NAME WELL	Central
		WELL NO.	22
LOCATION WELL	Allen Parkway	ELEVATION	
		DATUM	
		TYPE WELL	Gravel Well
SURVEY		SURFACE CASING CEMENTED	Yes
		NO. SACKS	850 8% gel
		SIZE HOLE UNDERREAMED	
FIELD		DEPTH	680'-1645
		GRAVEL TYPE	112, 113, 165
		NO. CU. YDS	400
COUNTY	Harris	TYPE SCREEN	S.S.W.W. barlug
STATE	Texas	GAGE	.045
		DRILLER	L.S. LUthringer
		NO.	4
OTHER LAND MARKS	Across the street from old Sears store.	OTHER	E.A. Dykes & Clovis Brewer

DEPTH	LENGTH	SIZE, KIND, WEIGHT MATERIAL	SKETCH
+1		24" O.D. Surface Casing 1' above ground	
0		Surface	
525		Top of 14" O.D. Liner	
57	57	32" O.D. Conductor Pipe	
595	596	24" O.D. Surface Casing .375 Wall	
700.77	175.77	14" O.D. Blank Liner 54.57#	
708.16	7.39	14" O.D. S.S.W.W. Barlug Screen .045 ga.	
710.48	2.32	14" O.D. Blank Pipe	
740.44	29.96	14" O.D. S.S.W.W. Barlug Screen .045 ga.	
750.79	10.35	14" O.D. Blank Pipe	
780.49	29.70	14" O.D. S.S.W.W. Barlug Screen .045 ga.	
800.83	20.34	14" O.D. Blank Pipe	
820.53	19.70	14" O.D. S.S.W.W. Barlug Screen .045 ga.	
885.95	64.42	14" O.D. Blank Pipe	
920.65	34.70	14" O.D. S.S.W.W. Barlug Screen .045 ga.	
975.94	55.29	14" O.D. Blank Pipe	
1000.67	24.73	14" O.D. S.S.W.W. Barlug Screen .045 ga.	
1100.86	100.19	14" O.D. Blank Pipe	
1135.44	34.58	14" O.D. S.S.W.W. Barlug Screen .045 ga.	
1150.89	15.45	14" O.D. Blank Pipe	
1180.54	29.65	14" O.D. S.S.W.W. Barlug Screen .045 ga.	
1200.89	20.35	14" O.D. Blank Pipe	
1238.65	37.76	14" O.D. S.S.W.W. Barlug Screen .045 ga.	
1241.07	2.42	14" O.D. Blank Pipe	
1255.74	14.67	14" O.D. S.S.W.W. Barlug Screen .045 ga.	
1271.13	15.39	14" O.D. Blank Pipe	
1308.90	37.77	14" O.D. S.S.W.W. Barlug Screen .045 ga.	

65-13-944
65-13-90

FORM NO. 1303

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

MATERIAL SETTING

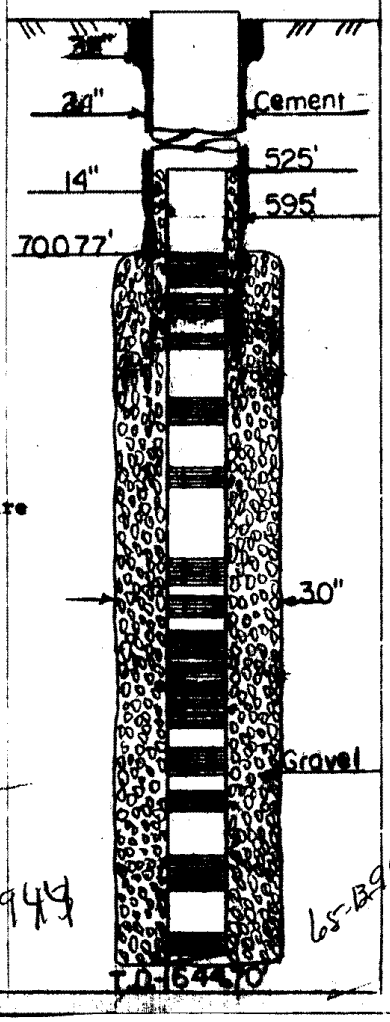
REPORT NO. 7271
S. O. 2099-65
PAGE 2 OF 2
FILE NO. 3073
DATE 3-8-66

CUSTOMER LOCATION	WELL DATA
FOR: City of Houston	NAME WELL: Central WELL NO. 22
LOCATION WELL: Allen Parkway	ELEVATION: DATUM:
SURVEY: FIELD:	TYPE WELL: Gravel Wall
COUNTY: Harris STATE: Texas	SURFACE CASING CEMENTED: Yes NO. SACKS: 850 4% gel
OTHER LAND MARKS: Across the street from old Sears store.	SIZE HOLE UNDERREAMED: 30 DEPTH: 680-1645'
	GRAVEL TYPE: 112, 113, 165 NO. CU. YDS: 400
	TYPE SCREEN: 131 S.S.W.W. barlug SIZE: .045
	DRILLER: L.S. Luthringer NO. 4
	OTHER: E.A. Dykes & Clovis Brewer

DEPTH	LENGTH	SIZE, KIND, WEIGHT MATERIAL
1311.34	2.44	14" O.D. Blank Pipe
1331.05	19.71	14" O.D. S.S.W.W. Barlug Screen .045 ga.
1356.33	25.28	14" O.D. Blank Pipe
1391.02	34.69	14" O.D. S.S.W.W. Barlug Screen .045 ga.
1411.31	20.29	14" O.D. Blank Pipe
1429.88	18.57	14" O.D. S.S.W.W. Barlug Screen .045 ga.
1431.28	1.40	14" O.D. Blank Pipe
1450.12	18.84	14" O.D. S.S.W.W. Barlug Screen .045 ga.
1500.41	50.29	14" O.D. Blank Pipe
1509.40	8.99	14" O.D. S.S.W.W. Barlug Screen
1511.74	2.34	14" O.D. Blank Pipe
1540.05	28.31	14" O.D. S.S.W.W. Barlug Screen
1600.41	60.36	14" O.D. Blank Pipe
1630.00	29.59	14" O.D. S.S.W.W. Barlug Screen .045 ga.
1642.36	12.36	14" O.D. Blank Pipe
1644.70	2.34	14" O.D. Set Nipple & Back Pressure Valve
TOTAL DEPTH:		1644.70'

413.64 of 1-1/4 pipe welded on outside of 24" O.D. surface casing extending 2' above ground for measuring line.
11 Spring guides on 14" O.D. liner.

SKETCH



65-13-944

65-139C

LAYNE TEXAS COMPANY.

HOUSTON -:- DALLAS

WATER WELL TEST

REPORT NO. 7288
S. O. 2099-65
PAGE 1 of 3
FILE NO. 3073
DATE 3-25-66

CUSTOMER LOCATION

TEST FOR City of Houston
LOCATION OF WELL Allen Parkway
SURVEY
FIELD
COUNTY Harris
STATE Texas
DESCRIPTION OF LAND MARKS

WELL DATA

NAME WELL
WELL NO. C-#22
ELEVATION
DATUM
WELL SIZE 32&24 x 14 x 30" U.R.
TOTAL DEPTH 1645'
TOP SCREEN 700.77
GRAVEL WELL Yes
STRAIGHT WELL
TYPE SCREEN SSWW Barkus
SLOT .045
TEMPERATURE OF WATER
WATER CONDITION Clear

WATER MEASURING DEVICE

ORIFICE SIZE 10 x 12
LENGTH 5
OTHER

TEST PUMP DATA

DEPTH SETTING TOP OF BOWL 400
LENGTH AIR LINE 400
SIZE
TYPE BOWL RKHC
NO. STAGES 4
LENGTH BOWL
SUCTION LT. No

SAND CONTENT
OZ. PER 100 GAL.

ACTIVE STATIC HEAD AFTER PUMP STOPPED

5 MIN.	292.85 FT.	20 MIN.	290.18
10 MIN.	291.35 FT.	25 MIN.	289.85
15 MIN.	290.57 FT.	30 MIN.	289.45

WATER SAMPLE TAKEN Yes
NO. SAMPLES 1
BACTERIOLOGICAL SAMPLE TAKEN
DRAWDOWN
SPECIFIC CAPACITY

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH. PRESS.	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
3-15-66	Started 48 hr. test at 8:15 am							
9:15	66	339		31.5	2759			Sand 1/4 oz. trace
10:15	59	341		33.5	2850			"
11:15	59	341		33.5	2850			"
12:15	60	340		32.0	2782			"
1:15	59	341		32.0	2782			"
2:15	59	341		31.5	2759			"
3:15	59	341		31.0	2736			"
4:15	59	341		31.5	2759			"
5:15	58	342		31.0	2736			"
6:15	57	343		32.0	2782			"
7:15	56	344		33	2828			"
8:15	56	344		32.5	2805			"
9:15	56	344		33	2828			
10:15	56	344		33.5	2850			
11:15	55	345		34	2873			
12:15	55	345		34	2873			
1:15	55	345		34	2873			
2:15	55	345		34	2873			
3:15	55	345		34	2873			
4:15	55	345		34	2873			
5:15	55	345		34	2873			
6:16	55	345		34	2873			65-13-944
7:15	55	345		34	2873			
8:15	55	345		34	2873			

OBSERVERS

FOR OWNER

FOR LAYNE TEXAS CO.

65-13-90

FORM NO. 25

LAYNE TEXAS COMPANY,

HOUSTON -:- DALLAS

WATER WELL TEST

REPORT NO. 7288
S. O. 2099-65
PAGE 2 of 3
FILE NO. 3073
DATE 3-25-66

CUSTOMER LOCATION

TEST FOR: City of Houston
LOCATION OF WELL: Allen Parkway
SURVEY: FIELD:
COUNTY: Harris STATE: Texas
DESCRIPTION OF LAND MARKS:

WELL DATA

NAME WELL: WELL NO. C-#22
ELEVATION: DATUM:
WELL SIZE: 32 x 24" . 14 x 30" U.R.
TOTAL DEPTH: 1645' TOP SCREEN: 700.77
GRAVEL WELL: Yes STRAIGHT WELL:
TYPE SCREEN: SSWW Barlog GAGE: .045
TEMPERATURE OF WATER:
WATER CONDITION: Clear

WATER MEASURING DEVICE

ORIFICE SIZE: 10 x 12 LENGTH: 5
OTHER:

TEST PUMP DATA

DEPTH SETTING TOP OF BOWL: 400
LENGTH AIR LINE: 400 SIZE:
TYPE BOWL: NO. STAGES: 4
LENGTH BOWL: SUCTION LT.: No

SAND CONTENT: OZ. PER 100 GAL.

ACTIVE STATIC HEAD AFTER PUMP STOPPED

5 MIN.	292.85 FT.	20 MIN.	290.18 FT.
10 MIN.	291.35 FT.	25 MIN.	289.82 FT.
15 MIN.	290.57 FT.	30 MIN.	289.45 FT.

WATER SAMPLE TAKEN: Yes NO. SAMPLES: 1
BACTERIOLOGICAL SAMPLE TAKEN:
DRAWDOWN: SPECIFIC CAPACITY:

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH. PRESS.	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
3-16-66								
9:15	55	345		34	2873			
10:15	55	345		34	2873			
11:15	55	345		34	2873			
12:15	55	345		34	2873			
1:15	55	345		34	2873			
2:15	55	345		34	2873			
3:15	55	345		34	2873			
4:15	56	344		32.5	2805			
5:15	56	344		32.5	2805			
6:15	54	346		34.5	2896			
7:15	54	346		34.5	2896			
8:15	54	346		34.5	2896			
9:15	53	347		35.5	2941			
10:15	53	347		35.5	2941			
11:15	53	347		35.5	2941			
12:15 MN	53	347		35.5	2941			
1:15	53	347		35.5	2941			
2:15	53	347		35.5	2941			
3:15	53	347		35.5	2941			
4:15	53	347		35.5	2941			
5:15	53	347		35.5	2941			
6:15	53	347		35.5	2941			
7:15	53	347		35.5	2941			65-13-94
8:15	53	347		35.5	2941			

OBSERVERS

FOR OWNER FOR LAYNE TEXAS CO.

65-13-96

FORM NO. 25

LAYNE TEXAS COMPANY,

HOUSTON -:- DALLAS

WATER WELL TEST

REPORT NO.	7288
S. O.	2099-65
PAGE	3 of 3
FILE NO.	3073
DATE	3-25-66

CUSTOMER LOCATION

TEST FOR City of Houston

LOCATION OF WELL Allen Parkway

SURVEY FIELD

COUNTY Harris STATE Texas

DESCRIPTION OF LAND MARKS

WELL DATA

NAME WELL WELL NO. C-#22

ELEVATION DATUM

WELL SIZE 32 x 24 14 x 30" UR

TOTAL DEPTH 1645' TOP SCREEN 700.77

GRAVEL WELL Yes STRAIGHT WELL

TYPE SCREEN SSWW Barlug GAGE .045

TEMPERATURE OF WATER

WATER CONDITION Clear

WATER MEASURING DEVICE

ORIFICE SIZE 10 x 12 LENGTH 5

OTHER

TEST PUMP DATA

DEPTH SETTING TOP OF BOWL 400

LENGTH AIR LINE 400 SIZE

TYPE BOWL RKHC NO. STAGES 4

LENGTH BOWL SUCTION LT. No

SAND CONTENT OZ. PER 100 GAL.

ACTIVE STATIC HEAD AFTER PUMP STOPPED

5 MIN 292.85 FT. 20 MIN 290.18 FT.

10 MIN 291.35 FT. 25 MIN 289.83 FT.

15 MIN 290.57 FT. 30 MIN 289.45 FT.

WATER SAMPLE TAKEN Yes NO. SAMPLES 1

BACTERIOLOGICAL SAMPLE TAKEN

DRAWDOWN SPECIFIC CAPACITY

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH. PRESS.	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
48 Hr. Test Ended								
1 Hr. & 40 min Recovery Test								
1 min	289.35			75 min	287.56			
2	294.00			80	287.38			
4	293.21			85	287.31			
5	292.85			90	287.20			
6	292.45			95	287.05			
7	292.10			100	286.94			
8	291.90							
9	291.70							
10	291.35							
15	290.57							
20	290.18							
25	289.83							
30	289.45							
35	289.41							
40	289.05							
45	288.62							
50	288.48							
55	288.26							
1 hr.	288.08							
65 min	287.92							65-13-94
70	287.74							

OBSERVERS

FOR OWNER

FOR LAYNE TEXAS CO.

65-13-90

FORM NO. 35 -

MICROBIOLOGY SERVICE LABORATORIES

water technologists . . chemists . . . microbiologists

23 March 1966

SO 2099-65

To: Layne Texas Company
Houston, Texas

Sample marked: Well No. C22, City of Houston, Harris Cty, Texas. Taken: 3-17-66 after 48 hrs. pumping at 2941 gpm. Static Head: 275'. Pumping Level: 355'. Screened: 690 - 1630'. C. W. Butler

Received: 3-17-66

WATER ANALYSIS

results in parts per million (mg/l) except as noted

Dissolved Residue at 105°C		295	Conductance, micromhos/cm, 25°C	525
Total Dissolved Solids, actual†		432	Color, units	0
Total Dissolved Solids, calc.		446	Turbidity, units	0
Silica	SiO_2	16	As Calcium Carbonate, $CaCO_3$:	
Iron and Aluminum Oxides	R_2O_3	0	Phenolphthalein Alkalinity	0
Calcium	Ca	22	Total Alkalinity	221
Magnesium	Mg	5	Total Hardness	75
Sodium (diff.) Na + K as	Na	92	Free Carbon Dioxide CO_2	8
Carbonate	CO_3	0	pH . . . 7.71	
Bicarbonate	HCO_3	270	**HYPOTHETICAL COMBINATIONS**	
Sulfate	SO_4	9	Calcium Bicarbonate	89
			Magnesium Bicarbonate	29
Chloride	Cl	32	Sodium Bicarbonate	246
			Sodium Sulfate	13
Total Iron	Fe	0.06	Sodium Chloride	53
			$SiO_2 + R_2O_3$	16
			Total Dissolved Solids, calc.	446

65-13-944

†Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO_3) ion

Microbiology Service Laboratories

By: Edna Wood 65-13-9C

5883

RI 7-7271 • P. O. BOX 14171 • 4820 OLD SPANISH TRAIL • HOUSTON, TEXAS 77021

FORM NO. 28

LAYNE TEXAS COMPA
HOUSTON -:- DALLAS

WELL LOG

REPORT NO	7251
S. O.	2099-65
PAGE	1 of 2
FILE NO	3073
DATE	2-1-66

CUSTOMER LOCATION

FOR: City of Houston 7-11-66 1&P

LOCATION WELL: Allen Park Way 65-13-9C

SURVEY: FIELD:

COUNTY: Harris STATE: Texas

OTHER LAND MARKS:

WELL DATA

NAME WELL: Central WELL NO. #22

ELEVATION: DATUM:

RT: 9 7/8- GR:

TEST HOLE SIZE: 7 7/8 TD: 1915'

DATE STARTED DRILLING: 1-22-66

DATE FINISHED DRILLING: 1-26-66

DRILLER: L.S. Luthringer RIG NO: 4

TYPE MUD: Aquegel NO SACKS: 115

ELECTRIC LOG: Yes TYPE: Schlumberger

SURVEY: Microlog & TYPE:

OTHER: Calilier Log

Q-606 Surface Casing File

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
0		Surface			
51	31	Loose Sand			
61	10	Clay			
76	15	Clay & Few Sand Streaks			
115	39	Broken Sandy Clay			
127	12	Clay			
137	10	Sand			
200	63	Clay & Sandy Clay Breaks			
203	3	Sand			
240	37	Clay			
247	7	Sand			
251	4	Clay			
268	17	Sandy Clay			
289	21	Sand			
308	19	Clay			
320	12	Sand			
360	40	Sandy Clay			
400	40	Clay			
457	57	Sand			
463	6	Clay			
481	18	Sand & Clay Streaks			
508	27	Sandy Clay			
525	17	Sand			
553	28	Clay & Sandy Clay Streaks			
579	26	Sand			
670	91	Sandy Clay & Sand Breaks			
685	15	Clay & Sandy Clay Breaks			
840	155	Sandy Clay & Sand Breaks			
873	33	Sandy Clay & Clay			
917	44	Sand & Clay Streaks			
935	18	Clay & Sandy Clay			
946	11	Sand			
980	34	Shale			
996	16	Sandy Shale			
1017	21	Shale			

65-13-9C

65-13-9C

FORM NO. 28

LAYNE TEXAS COMP.
HOUSTON -:- DALLAS

WELL LOG

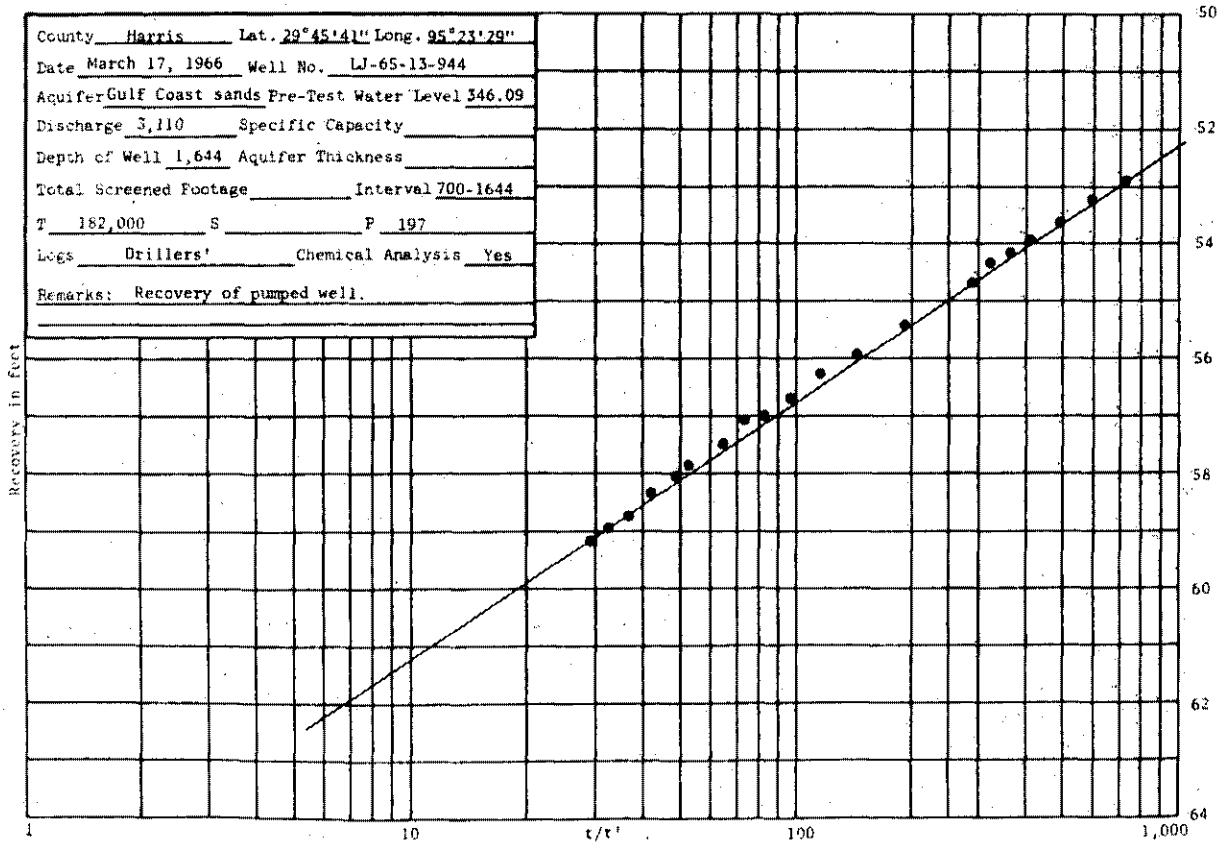
REPORT NO.	7251
S. O.	2099-65
PAGE	2 of 2
FILE NO.	3073
DATE	2-1-66

CUSTOMER LOCATION		WELL DATA	
FOR	City of Houston 7-11-66 HP	NAME WELL	WELL NO. #22
LOCATION WELL	Allen Park Way 65-13-9C	ELEVATION	DATUM
SURVEY	FIELD	RT	GR
COUNTY	Harris STATE Texas	TEST HOLE SIZE 9 7/8-7 7 8	TD 1915'
OTHER LAND MARKS		DATE STARTED DRILLING	1-22-66
		DATE FINISHED DRILLING	1-26-66
		DRILLER L.S. Luthringer	RIG NO. 4
		TYPE MUD Aquegel	NO. SACKS 115
		ELECTRIC LOG Yes	TYPE Schlumberger
		SURVEY Microlog &	TYPE
		OTHER Calilier Log	

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
1081	64	Sand & Sandy Shale			
1151	70	Sandy Clay & Sand Breaks			
1197	46	Sand & Sandy Clay Breaks			
1203	6	Clay			
1234	31	Sandy Clay & Sand Breaks			
1297	63	Sand & Clay Streaks			
1335	38	Sand & Legnite			
1353	18	Sandy Clay & Sand Breaks			
1456	103	Sand & Few Clay Breaks			
1462	6	Sandy Clay			
1500	38	Shale			
1502	2	Hard Lime or Rock			
1540	38	Sand & Sandy Shale & Lime Streaks			
1550	10	Shale			
1562	12	Sand			
1582	20	Shale & Sandy Shale & Lime Legnite			
1657	75	Shale			
1658	1	Rock			
1669	11	Shale (Sandy)			
1688	19	Shale			
1689	1	Legnite & Lime			
1727	38	Hard Sandy Shale			
1746	19	Hard Shale			
1773	27	Clay			
1789	16	Sandy Clay & Sand Breaks			
1835	46	Clay			
1903	68	Sandy Clay & Sand Breaks			
1915	12	Shale & Sandy Lime			

65-13-9AA

7 pages attached 65-13-9C


County Harris Lat. 29°45'41" Long. 95°23'29"
Date March 17, 1966 Well No. LJ-65-13-944
Aquifer Gulf Coast sands Pre-Test Water Level 346.09
Discharge 3,110 Specific Capacity
Depth of Well 1,644 Aquifer Thickness
Total Screened Footage Interval 700-1644
T 182,000 S P 197
Logs Drillers' Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
50
52
54
56
58
60
62
64
1
10
t/t'
100
1,000

STATE OF TEXAS WELL REPORT for Tracking #118777

Owner:	**Robert Amboree**	Owner Well #:	**No Data**
Address:	**1802 Mansfield Houston, TX 77091**	Grid #:	**65-13-2**
Well Location:	**1802 Mansfield Houston, TX 77091**	Latitude:	**29° 51' 05" N**
		Longitude:	**095° 26' 15" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **8/3/2007** Drilling End Date: **8/3/2007**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**5.5**	**0**	**50**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Filter Packed**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
Filter Pack Intervals:	**40**	**50**	**Gravel**	**12**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**10**	**3**
	10	**40**	**4**

Seal Method: **Pressure**

Sealed By: **Driller**

Distance to Property Line (ft.): **30**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Customer**

Surface Completion: **Surface Sleeve Installed**

Water Level: **8 ft.** below land surface on **2007-08-03** Measurement Method: **Unknown**

Packers: **None**

Type of Pump: **Jet**

Well Tests: **Jetted** **Yield: 5 GPM with 18 ft. drawdown after 2 hours**

	Strata Depth (ft.)	Water Type
Water Quality:	**No Data**	**Fresh**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Raymond Services, Inc.**

10011 Airline
Houston, TX 77091

Driller Name: **Zachary Proctor** License Number: **4577**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	2	Top Soil
2	15	Yellow Clay
15	21	Red Sand # 6
21	22	Rock
22	35	Red Clay
35	50	Red Sand # 6

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
2	New	Casing	0 - 40 SCH 40
2	New	Plastic Screen	40 - 50 # 6

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-716

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD (T. BROWN)

Record by LAW (3-8-55) Source of data FILES Date 3-5-68 Map Houston Heights 1955 1:24000

State TEXAS 48 County (or town) HARRIS LJ

Latitude: 29 45 45 N Longitude: 095 29 23 Sequential number: 1

Lat-long accuracy: 1 T. S, R W, Sec , k, k, k B & M

Local well number: LJ-65-13-716 Other number:

Local use: Owner or name: HOUSTON COUNTRY CLUB

Owner or name: HOUSTON C. CLUB Address: BUFFALO BAYOU W OF POST OAK

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist PRIVATE P

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other PUBLIC SERVICE IRR.-COUNTRY CLUB I

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (O) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed W

DATA AVAILABLE: Well data 1 Freq. W/L meas.: 1955 — ANNUAL A Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 2-11-71 O Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: E-LOG *T-29 T. 1260' E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1146 ft 1146 Meas. rept. Driller accuracy 3

Depth cased (first perf.) 520 ft 520 Casing type: S; Diam. 18-10 3/4 in 18

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, (S) sd. pt., (T) shored, (W) open hole, (Z) other SCREENED G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other H

Date Drilled: FEB.-1955 955 Pump intake setting: 340' AL (PX4) ft

Driller: TEXAS WATER WELLS INC., HOUSTON, TEXAS (name, address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other T Deep Shallow D

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 200HP T-E W Trans. or meter no.

Descrip. MP ft above below LSD. Alt. MP

Alt. LSD: 63' 63 Accuracy: (source) TOPO 5' 3

Water Level 178.7 ft above below MP; Ft above below LSD 179 Accuracy: rept. D

Date meas: Feb. 1955 255 Yield: 1543 gpm 1543 Method determined

Drawdown: 44 ft 44 Accuracy: rept. W.D. 1955 3 Pumping period 36 hrs 36

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard. ppm

Sp. Conduct K x 10^6 Temp. °F Date sampled

Taste, color, etc.

Well No. LJ-65-13-716

Well No. LJ-65-13-716

Latitude-longitude 29 d, 45 m, 45 s (N) S 095 d, 29 m, 23 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1) Physiographic Province: COASTAL PLAINS (19) 03 (20 21) Section:

F (22) Drainage Basin: 51 R (23 25) Subbasin: (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat (27)

MAJOR AQUIFER: system, series T (28 29) aquifer, formation, group E (30 31)

Lithology: (32 33) Origin: (34) Aquifer Thickness: ft

(35 37) Length of well open to: 285 ft 285 (38 40) Depth to top of: ft (41 43)

MINOR AQUIFER: system, series G (44 45) aquifer, formation, group CL (46 47)

Lithology: (48 49) Origin: (50) Aquifer Thickness: ft

(51 53) Length of well open to: ft (54 56) Depth to top of: ft (57 59)

* Intervals Screened: 520-534, 542-548, 554-560, 594-634, 666-684, 692-750, 792-800

Depth to consolidated rock: ft (60 65) Source of data: (64)

Depth to basement: ft (65 68) Source of data: (69)

Surficial material: (70 71) Infiltration characteristics: (72)

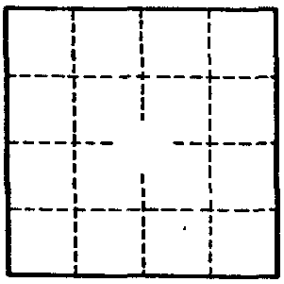
Coefficient Trans: gpd/ft (73 75) Coefficient Storage: (76 78)

Coefficient Perm: gpd/ft^2; Spec cap: gpm/ft; Number of geologic cards: (79)

* SCREENS:

814-840
856-862
964-980
1,006-1,026
1,065-1,100
1,112-1,144

500' of 18" csg.
~~750~~ 1146 of 10 3/4 ?



Well No. LJ-65-13-716

GPO 857-700

Typewrite (Black ribbon) or Print Plainly
(soft pencil or black ink)
Do not use ball point pen

Texas State Department of Health Laboratories
1100 West 49th Street
Austin, Texas 78756

TWDB USE ONLY
Program No. 0730-50
Proj. No. SDE-73029

CHEMICAL WATER ANALYSIS REPORT

County Harris

Send report to:
Ground Water Data and Protection Division
Texas Water Development Board
P.O. Box 13087
Austin, Texas 78711

State Well No. 65-13-716
Field Well No. 1
Date Collected 09-27-72
By D.H. Jorgensen

Location Intersection of Katy and Silber Roads, northwest Houston, Texas
Source (type of well) Turbine, electric Owner Cameron Iron Works
Date Drilled 1960 Depth 1568 ft. WBF
Producing intervals 970 to 1565 Water level 311 in 1969 ft.
Sampled after pumping 5 minutes hrs. Yield GPM meas. est. Temperature °F °C
Point of collection Tap on side of discharge pipe near pump Appearance ☐ clear ☐ turbid ☐ colored ☐ other
Use Industrial Remarks

(FOR LABORATORY USE ONLY)

CHEMICAL ANALYSIS

KEY PUNCHED

Laboratory No. 238010 Date Received SEP 29 1972 Date Reported OCT. - 5 1972

	MG/L	ME/L
Silica	17	
Calcium	23	1.13
Magnesium	8	0.62
Sodium	99	4.32
Total		6.07
☐ Potassium	.	
☐ Manganese	.	
☐ Boron	.	
3/ ☐ Total Iron	.	
☐ (other)	MG/L	

%Na
SAR
RSC

Specific Conductance (micromhos/cm³) 573

Diluted Conductance (micromhos/cm³) 4 x 152 = 608

"☐" items will be analyzed if checked.

	MG/L	ME/L
Carbonate		0
Bicarbonate 136	277	4.54
Sulfate	8	0.17
Chloride	49	1.37
Fluoride	0.5	
Nitrate	<0.4	
pH	7.9	
Total		6.08
1/ Dissolved Solids (sum in MG/L)		341
Phenolphthalein Alkalinity as $CaCO_3$		0
Total Alkalinity as $CaCO_3$ (4.54)		227
Total Hardness as $CaCO_3$ (1.75)		88
~~2/ Nitrogen Cycle~~		
Ammonia - N		
Nitrite - N		
Nitrate - N		
Organic Nitrogen		

1/ The bicarbonate reported in this analysis is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.
2/ Nitrogen cycle requires separate sample.
3/ Total Iron requires separate sample.

Analyst Checked By

TWDBS-SI-27

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-748

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513748
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.762778
Latitude (degrees minutes seconds)	29° 45' 46" N
Longitude (decimal degrees)	-95.49
Longitude (degrees minutes seconds)	095° 29' 24" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	121EVGL - Evangeline Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	65
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	1197
Well Depth Source	Driller's Log
Drilling Start Date	
Drilling End Date	0/0/1980
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Irrigation
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	
Pump Depth (feet below land surface)	
Power Type	
Annular Seal Method	
Surface Completion	
Owner	Houston Country Club well #2
Driller	Layne Texas
Other Data Available	Drillers Log; Electric Log; Radioactive Tracer
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	U.S. Geological Survey
Created Date	6/2/1999
Last Update Date	6/2/1999

Remarks	Owner's well #2. Reported yield 1200 gpm with 40 ft of drawdown.

Casing - No Data

Well Tests - No Data

Lithology - No Data

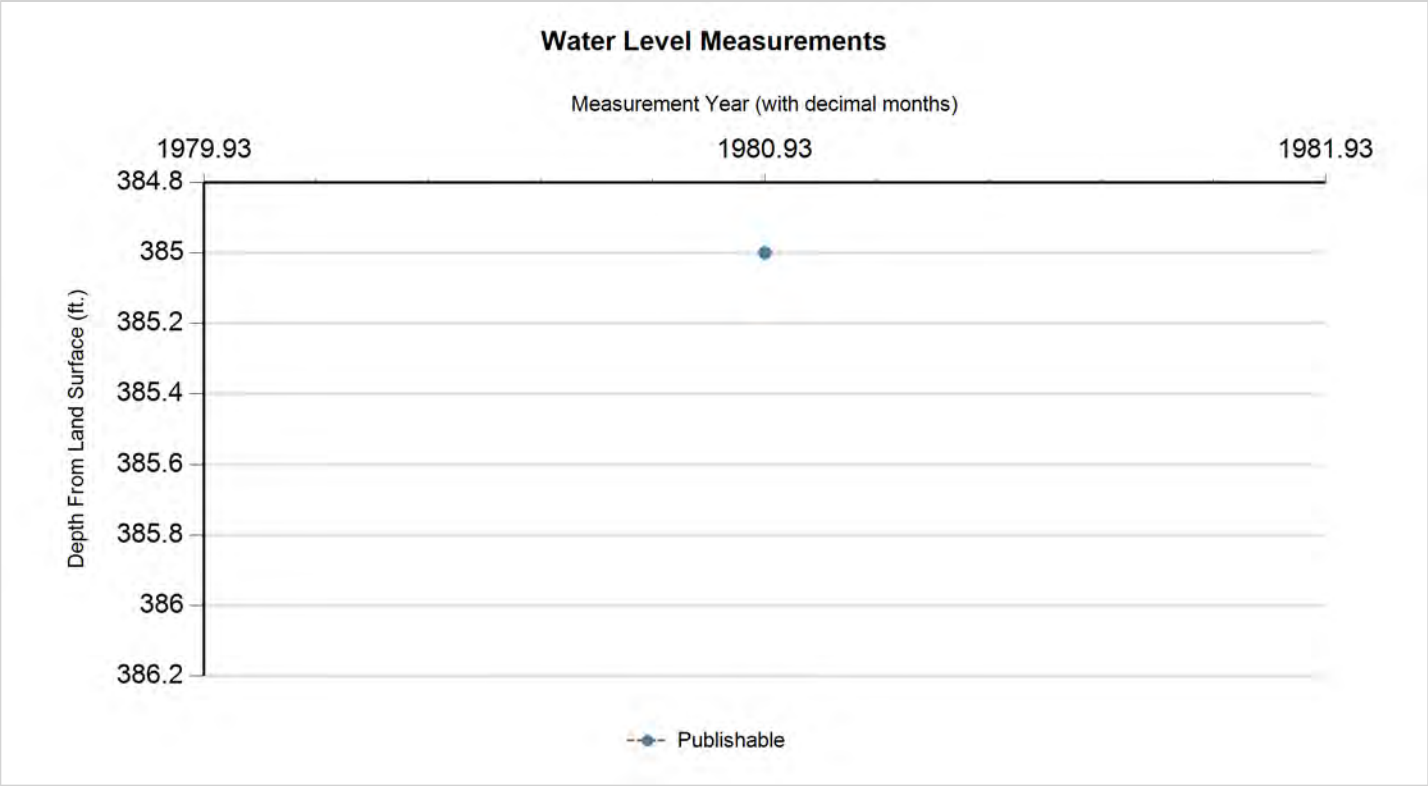
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	12/9/1980		385		-320	1	Registered Water Well Driller	Unknown		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Send original copy by certified return receipt requested mail to: TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: *Confidentiality Privilege Notice on reverse side of Well Owner's copy*

State of Texas WELL REPORT

P-#1

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER City of Houston (Name) ADDRESS FM 118 Lang (Street or RFD) Houston (City) TX (State) 77455 (Zip)

2) ADDRESS OF WELL: County Harris Lang & 43rd. (Street, RFD or other) Houston (City) TX (State) 77455 (Zip) Long. Lat. GRID # 65-13-5

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☒ Piezometer ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell

If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) X N

6) WELL LOG:

Date Drilling:

Started 04/16 20 03

Completed 04/16 20 03

DIAMETER OF HOLE		
Dia.. (in.)	From (ft.)	To (ft.)
5	Surface	40

7) DRILLING METHOD (Check): ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	6	Sandy Clay Fill
6	28	Clay
28	30	Sandy Clay
30	40	Clay

(Use reverse side if necessary)

8) Borehole Completion (Check): ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other See 9 & 12

If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc, Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
2	N	PVC Screen	30	20	.10
2	N	PVC Riser	20	0	

9) CEMENTING DATA

Cemented from ____ ft. to ____ ft. No. of sacks used ____

Bentonite from 0 ft. to 18 ft. No. of sacks used 2

Method used Manually done

Cemented by Mark Thornton

Distance to septic system field lines or other concentrated contamination ____ ft.

Method of verification of above distance NA

13) ☐ Well plugged within 48 hours NA

Casing left in well: From (ft)	To (ft)	Cement/bentonite placed in From (ft)	To (ft)	Sacks used:

14) TYPE PUMP: NA

☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Toher

Depth to pump bowls, cylinder, jet, etc., ____ ft.

15) WELL TESTS: NA

Type test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated

Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

16) WATER QUALITY:

Did you knowingly penetrate any strata which contained undesirable constituents?

☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"

Type of water? ____ Depth of strata ____

Was a chemical analysis made? ☐ Yes ☒ No

10) SURFACE COMPLETION

☐ Specified Surface Slab Installed

☐ Specified Steel Sleeve Installed

☐ Pitless Adapter Used

☒ Approved Alternative Procedure Used

11) WATER LEVEL

Static Level 30 ft. below land surface Date 04/16/03

Artesian flow ____ gpm Date ____

12) PACKERS:

Type	Depth
TMS 20/40	18'-40'

I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Van & Sons Drilling Service, Inc. (Type or print) WELL DRILLER'S LICENSE NO. 3286M

ADDRESS 319 John Alber (Street or RFD) Houston (City) TX (State) 77076 (Zip)

(Signed) ____ (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

RECEIVED TDLR MAIL ROOM MAY 06 2003 CB

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDLR FORM 001WWD (4/98) Forms On-A-Disk, Inc. Dallas, Texas (214) 340-9429

Copies to TDLR, DRILLER, and WELL OWNER

RECEIPT # AMOUNT

Please use black ink.
Send original copy by certified mail to the
Texas Water Commission
P.O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Ray Aire of Houston (Name) Address 4224 Mangum, Houston, Tx. 77092 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 0 miles in N (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ See attached map. ON 65-13-9

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☒ Other Supply

5) DRILLING METHOD (Check): ☐ Driven ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 05/20 19 87 Completed 05/22 19 87

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6-3/4	Surface	133

From (ft.)	To (ft.)	Description and color of formation material
0	4	Top Soil
4	18	Clay
18	32	Sandy Clay
32	114	Clay
114	125	Sand, Salt & Pepper .008
125	133	Clay w/sand streaks

(Use reverse side if necessary)

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	PVC Casing	0	115	40
4	N	PVC Screen Slotted .006	115	125	40

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used 4
_____ ft. to _____ ft. No. of Sacks Used _____
Method used Grouted
Cemented by Paul W. Rhodes

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☒ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 97 ft. below land surface Date 05/20/87
Artesian flow ------- gpm. Date -----

12) PACKERS: Type Depth
Rubber Formation 113' 105' 15'

13) TYPE PUMP: ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 118' ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 10 gpm with Air ft. drawdown after --- hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Good Depth of strata 11'
Was a chemical analysis made? ☐ Yes ☒ No

RECEIVED
AUG 31 1987
TEXAS WATER COMMISSION

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME WALKER WATER WELL SERVICE, INC. Water Well Driller's License No. 1827 (Type or Print)

ADDRESS P. O. Box 1580 (Street or RFD) Alvin (City) Tx. (State) 77512-1580 (Zip)

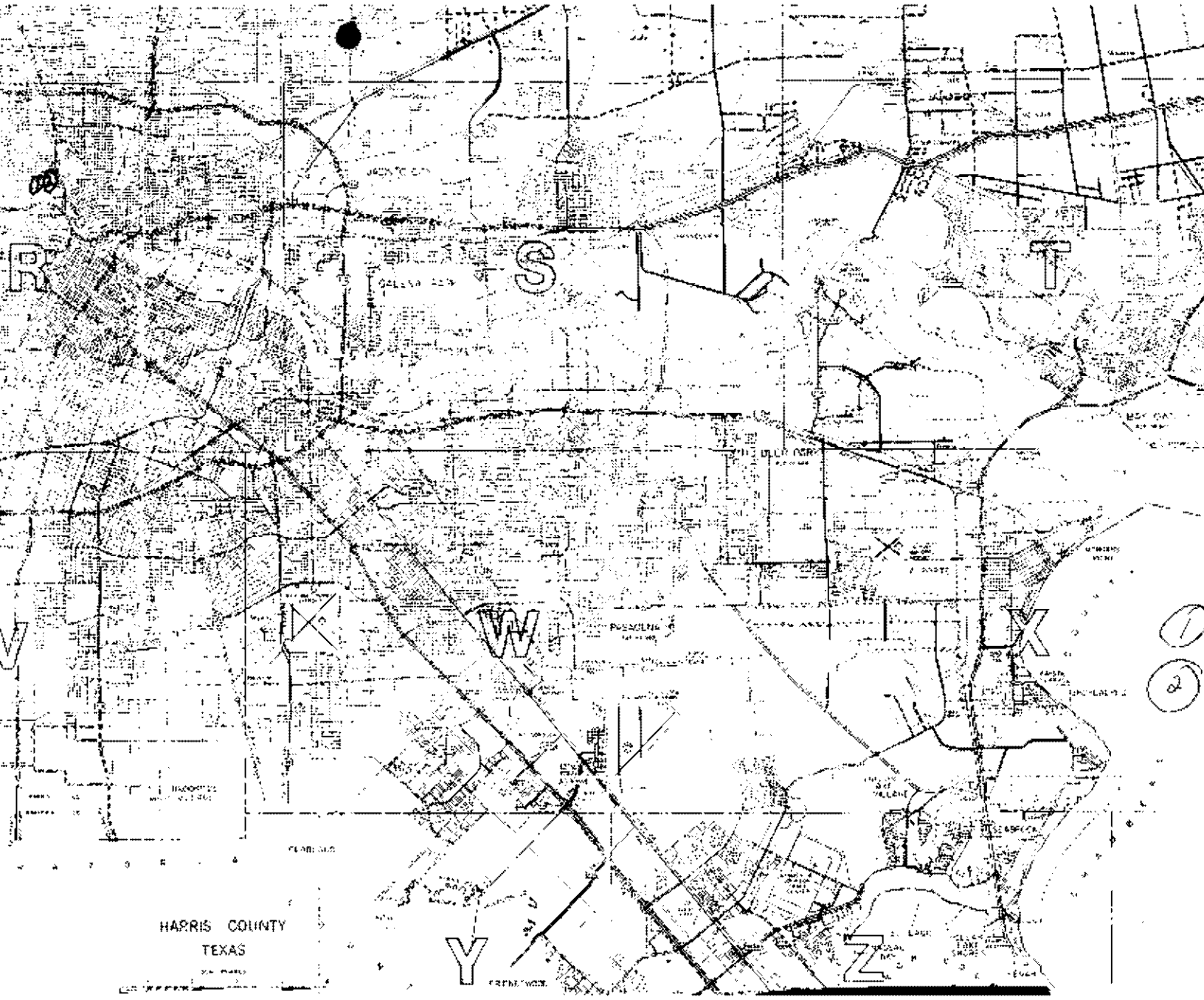
(Signed) Paul W. Rhodes (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 65-13-9
Located on map _____

TWC-0392 (Rev. 06-10-85)

TEXAS WATER COMMISSION COPY


R
S
T
V
W
X
Y
Z
HARRIS COUNTY
TEXAS

65-14-7B 7B

File original copy with
Texas Water Commission
P. O. Box 2311, Capitol Station
Austin 11, Texas

State of Texas

DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 65-14-76
Located on map 42
By [illegible] Date 6-3
Map no. 1[illegible]

1) Well Owner: J. D. Westcott (Name) Augusta Drive (Street or RFD), Houston (City), Texas (State)

2) Land Owner: _____ (Name) _____ (Street or RFD) _____ (City) _____ (State)

3) Intended use: Industrial ☐ Municipal ☐ Irrigation ☐ Other _____

4) Location of well: County Harris Labor _____ League _____ Abstract No. _____

NW¼ NE¼ SW¼ SE¼ of Section _____ Block No. _____ Survey _____
(Circle as many as are known)

_____ miles in _____ (NE, SW, etc) direction from _____ (Town)

1515 Bering Drive, Houston 27, Texas

North

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 4 in. Date drilled 1-31-62

All measurements made from _____ ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	38	Top Soil & White Clay			
38	61	Red Sand & Shale			
61	98	Hard Blue Shale			
98	132	Fine Sand			
132	176	Hard Red Clay			
176	189	Good Sand			

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION

Straight wall ☐ ☒ 4 x 2½

Under reamed ☐

Gravel packed ☐

Open hole ☐

Other _____

CASING

Type: Old ☐ New ☒

Cemented from Surface ft.

to 176 ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)

SCREEN

Type Stainless Steel W.O.P.

Perforated ☐ Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (ft)
2½	179	189

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

A Chrysty Kuhlmann (Signature) A. Chrysty Kuhlmann (Company Name) Reg. No. 106

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA

Static water level 118'

ft. below _____

Pumping level

feet	hours	gpm

Pump type Submersible

Designed pumping rate 15 gpm ☒ gph ☐

Type power unit Electric

Horsepower 1½

Depth to bowls, cylinder, jet, etc., _____ ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company: _____

C-34 (62-4)

4820115773

Texas Water Development Board
Well Schedule

State Well Number 6513711 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294515 **Longitude** 952845 **Source of Coords** 2

Owner's Well No. **Location**

Owner
R. C. Sweet

Driller
H. L. Jackson Co.

Address **Tenant/Oper.**

Date Drilled / /1950 **Depth** 191 **Source of Depth** **Altitude** 66 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material**

Completion **Screen Material**

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to_____

LIFT DATA - **Pump Mfr. -** **Type -** JET PUMP **No. Stages**

Bowls Diam - **in.** **Setting -** **ft.** **Column Diam. -** **in.**

Motor Mfr. - **Fuel or Power -** ELECTRIC MOTOR **Horsepower -**

YIELD Flow- **GPM** **Pump** **GPM** **Meas.,Rept.,Est.-** **Date-**

WATER USE **Primary -** DOMESTIC **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1950
-94

Recorded By _____ **Date Record Collected or Updated -** 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: Screen from 170 to 191 ft.

Aquifer - 112CHCTL **ID -** 15

CHICOT AQUIFER,LOWER

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 744 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 45 13 Longitude - 95 28 47 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4. _____ 1/4, Section _____, Block _____, Survey _____

Owner - Harold Thurow Driller - Lowry Water Wells

Address _____ Tenant/Oper. _____
Date Drilled - / /1968 Depth - 319 ft. Source of Depth - Altitude - 66 ft. Source of Alt. -
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER Well Type - W User -

WELL CONSTRUCTION Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) | Setting(feet) From | To

LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- DOMESTIC Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data-

WATER LEVELS Date- 07/00/1968 Measurement- -171.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 09/30/2002

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB R178: Screen from 304 to
319 ft.

Aquifer - 112CHCTL
Well No. - 65 13 744

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: BT & S CONSTRUCTION -SAGE ADDRESS: 2200 LOUETTA ROAD CITY: SPRING STATE: TX ZIP: 77388-4705

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-21-1
Street or RFD: 2300 MC CUE (SAGE/MC CUE) STATE WELL # 5431
City, State, Zip code: HOUSTON , TX 77056-

5)

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: IRRIGATION
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 00115

DATE DRILLING:
STARTED: 04/28/97
COMPLETED: 04/30/97

DIAMETER OF HOLE		
DIAMETER	FROM	TO
7.75	-0-	400
4.75	400	422

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION:
TWO-STRING
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

65-21-01 N^

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	PVC WELL CASING	+2	400	SDR 17
2.5	N	PVC BLANK PIPE	395	401	SCH 80
2.5	N	STAINLESS ROD BASE	401	411	8 GA
2.5	N	STAINLESS ROD BASE	411	421	10 GA
2.5	N	NIP W/BACKWASH VALVE	421	422	SCH 80

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	20	SANDY TOPSOIL, CLAY
20	40	RED CLAY WHITE CLAY
40	80	RED CLAY RED CLAY
80	100	RED CLAY BROWN CLAY
100	120	BROWN CLAY SAND
120	145	SAND WHITE CLAY WHITE CLAY
145	180	SAND SAND
180	200	CLAY,SAND,CLAY,SAND
200	225	SAND
225	272	CLAY TAN CLAY CLAY
272	290	SAND CLAY CLAY
290	330	SAND SAND WITH ROCK SAND
330	380	CLAY SAND COARSE SAND
380	388	SAND CLAY SAND
388	422	SAND SAND SAND

9) CEMENTING DATA:

Cemented from		No. of Sacks Used
400 FT.	TO 300 FT.	10
-0- FT.	TO 18 FT.	6

Method used: HALLIBURTON METHOD
Cemented by: GEOPHYSICAL DRLG.
Distance to septic field lines: n/a ft.
Method of verification of above distance:
NONE TO INSTALL

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 205 FT. DATE: 04/29/97
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
BP SEAL	395
FORMATION PACKER	18

JUN 1 2 1997

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 320

14) WELL TEST:
JETTED
YIELD: 80 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 32 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: GEOPHYSICAL DRILLING,INC. WATER WELL DRILLER'S LICENSE NO.: 4898WPK
ADDRESS: P.O. BOX 664 CITY: FULSHEAR STATE: TX ZIP CODE: 77441

FOR TWC USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Jimmy D. Binns (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

4821010741

3F GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711	State of Texas WATER WELL REPORT	For TWDB use only Well No. 65-20-3F Located on map ✓ Received: Form GW 8 Form GW 9

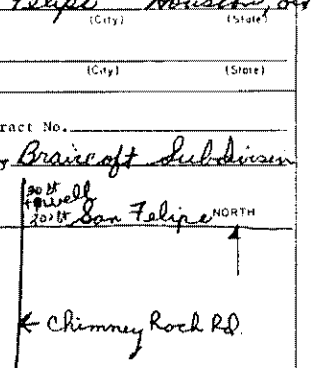
1) OWNER:
Person having well drilled Mr. John Flesher (Name) Address 5660 San Felipe (Street or RFD) Houston (City) Tex (State)

Landowner Same (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris Labor League Abstract No.

NW¼ NE¼ SW¼ SE¼ of Section Block No. 14, lot 1 Survey Braircoft Subdivision
(Circle as many as are known)

miles in (NE, SW, etc) direction from Houston, Texas (Town)



Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check): New Well ☒ Deepening ☐ Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check): Domestic ☒ Industrial ☐ Municipal ☐ Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check): Rotary ☒ Driven ☐ Dug ☐ Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 4 in. Depth drilled 318 ft. Depth of completed well 318 ft. Date drilled 11-14-68

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	From (ft.)	To (ft.)	Description and color of formation material
0	1	Crushed lime	100-102 Sand	213	216 Sand	278-286 Clay
1	35	Clay	102-105 Clay	216	224 Clay	286-297 Sand
35	36	Rock	105-112 Sand	224	241 Sand	297-298 Clay
36	40	Clay	112-131 Clay	241	254 Clay	298-303 Sand
40	45	Sand-red	131-138 Sand	254	256 Sand	303-306 Clay
45	90	Clay	138-162 Clay	256	270 Clay	306-318 Sand (good)
90	98	Sand	162-191 Sand	270	278 Sand	
98	100	Clay	191-213 Clay			

(Use reverse side if necessary)

7) COMPLETION (Check): Straight wall ☒ Gravel packed ☐ Other ☐ Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level 182 ft. below land surface Date 11-24-68
Artesian pressure ____ lbs. per square inch Date

9) CASING:
Type: old ☐ New ☒ Steel ☒ Plastic ☐ Other ☐
Cemented from 303 ft. to 100 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
2½	306	318	.010

10) SCREEN:
Type PLASTIC ON STEEL - WESCO
Perforated ☐ Slotted ☐

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size

11) WELL TESTS:
Was a pump test made? ☒ Yes ☐ No If yes by whom? Blowing with air compressor
Almeda Water Well Service
Yield: 40 gpm with 15 ft. drawdown after 3 hrs
Bailer test ____ gpm with ____ ft. drawdown after ____ hrs
Artesian flow ____ gpm Date
Temperature of water
Was a chemical analysis made? ☐ Yes ☒ No
Did any strata contain undesirable water? ☐ Yes ☒ No
Type of water? ____ depth of strata

12) PUMP DATA:
Manufacturer's Name Reda
Type Submersible H.P. 1½
Designed pumping rate 1100 gpm ☐ gph ☒
Type power unit Electric
Depth to bowls, cylinder, jet, etc., 220 ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN A. PYBURN (Type or Print) Water Well Drillers Registration No. 843

Address 13910 Almeda School Rd (Street or RFD) Houston (City) Texas (State) 77047

(Signed) John A. Pyburn (Water Well Driller) Almeda Water Well Service (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

4820117098

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 737 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 45 05 Longitude - 95 28 43 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - J. D. Westcott Driller - A. Chrysty Kuhlmann

Address _____ Tenant/Oper. _____
Date Drilled - / /1962 Depth - 189 ft. Source of Depth - Altitude - 66 ft. Source of Alt. -
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User -

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (
Open Hole (O)
Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To

LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- DOMESTIC Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data-

WATER LEVELS Date- 01/00/1962 Measurement- -118.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 09/30/2002

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB R178: Screen from 179 to
189 ft.

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-21-136

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6521136
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.749167
Latitude (degrees minutes seconds)	29° 44' 57" N
Longitude (decimal degrees)	-95.476389
Longitude (degrees minutes seconds)	095° 28' 35" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCTL - Chicot Aquifer, Lowe
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	65
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	318
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1968
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	John Flesher
Driller	Almeda Water Well
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	1/10/2003
Last Update Date	1/10/2003

Remarks	TWDB Report 178: Screen from 306 to 318 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

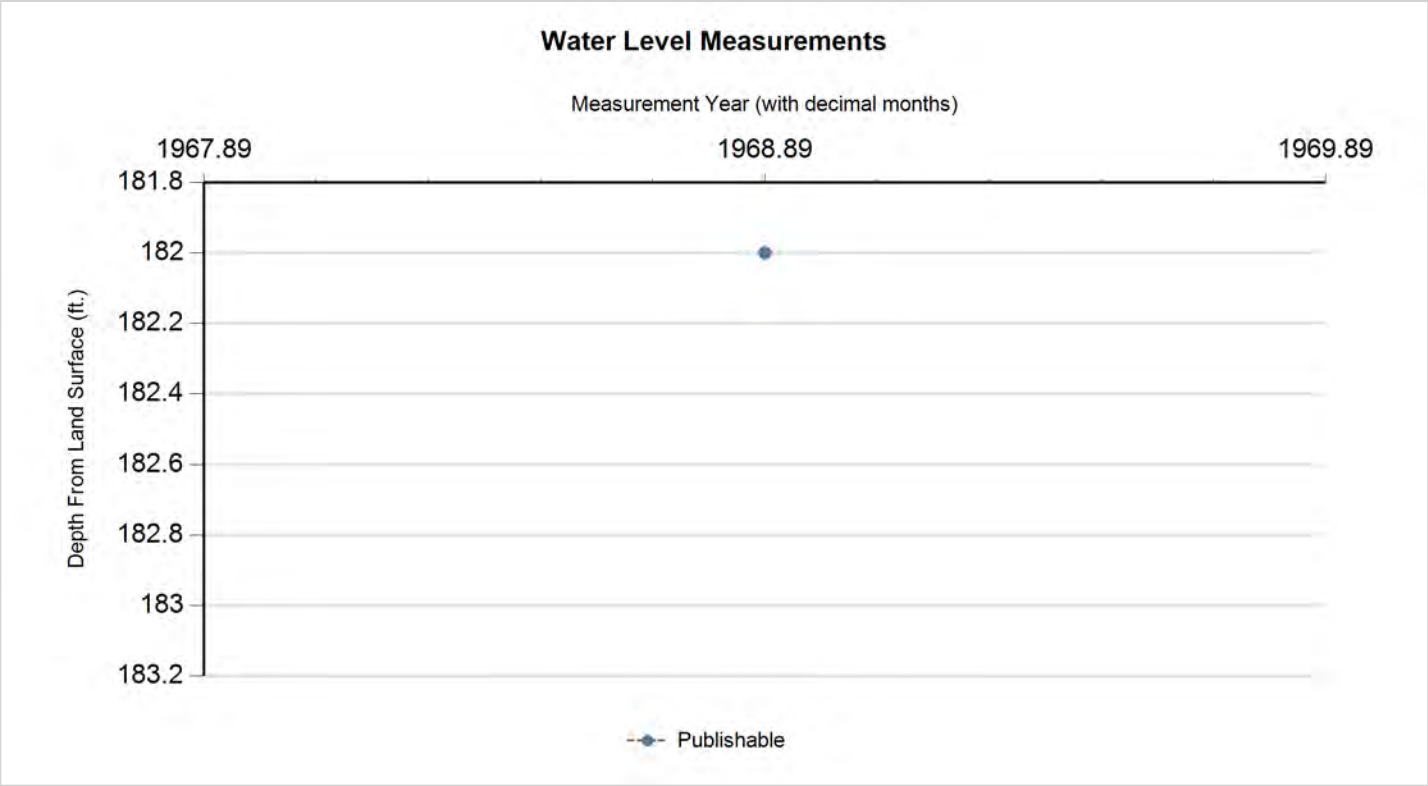
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	11/24/1968		182		-117	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Please use black ink.
Send original copy by certified mail to the
Texas Water Commission
P.O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Glenwood Cemetery (Name) Address 2525 Washington Ave. Houston (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL:
County Harris 2 miles in W (N.E., S.W., etc.) direction from DT Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☒ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling:
Started 14 Dec 1989
Completed 17 " 19"

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
8	Surface	508
8½	plus2	463

From (ft.)	To (ft.)	Description and color of formation material
0	4	rotary
4	10	clay fill
10	120	clay
120	130	sand
130	160	sandy clay
160	200	sand
200	210	clay
210	233	sand
233	306	clay
306	342	sand
342	370	clay
370	380	sand
380	421	clay
421	435	sand
435	453	clay
453	478	sand
478	483	clay
483	511	sand
511	512	clay

RECEIVED
APR 24 1990
TEXAS WATER COMMISSION

7) BOREHOLE COMPLETION:
☐ Open Hole ☒ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
N	5½	Steel casing	plus 2	461	15½#
N	3"	lap	452	461	40sdl
N	3	ss rod base screen	461	476	12 GA
N	3"	steel lap	476	494	40 S
N	3	SS rod base screen	494	509	14 GA
			509	511	BPV

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
_____ ft. to _____ ft. No. of Sacks Used _____
Method used Halliburton
Cemented by Swinehart

10) SURFACE COMPLETION
☒ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 250 ft. below land surface Date 17 Dec 89
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth
K packers 451' & 452'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 315 ft.

10 HP Grundfos 75S100-16 set 315' on 3" gal. pipe. 460 volts
(Use reverse side if necessary)

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: 75 gpm with 40 ft. drawdown after 1 hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME B.J. Swinehart Co., Inc (Type or Print) Water Well Driller's License No. 229

ADDRESS 7524 N. Freeway. Houston, Texas 77037 (Street or RFD) (City) (State) (Zip)

(Signed) [signature] (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 65-13-9
Located on map _____

TWC-0392 (Rev. 06-10-85) TEXAS WATER COMMISSION COPY

CWB

SEE 453 MAP
SEE 492 MAP
SEE 494 MAP
SEE 533 MAP
HOUSTON
WEST FRWY
MEMORIAL DR
SP RR
WHITE OAK DR
W. LAMAR
W. DALLAS
W. GRAY
JACKSON BLVD
W. ALABAMA
RICHMOND
LOVETT
HAWTHORNE
HAROLD
EMERSON
COURTLANDTZ
WESTHEIMER
PACIFIC
FAIRY
HYDE PARK
WOODLAND
BAYLAND
OMAR
MERRILL
HIGHLAND
STUDEWOOD
SUMMER
WINTER
BINGHAM
EDWARDS
CLINCH
WASHINGTON
KANE
STATE
BUFFALO TERRACE
MCKINNEY
W. FOLK
W. CLAY
W. PIERCE
HOMAN
WILLARD
WILCH
W. DILLW
BRANARD
ST THOMAS
OAKLEY
WOODROW
MIRAMAR
CHELSEA
HARKNILL
PINE HALL
BLVD SOUTH
SHOWALTER
ALABAMA
ELGIN
CRAWFORD
JACKSON
CHENEVERT
LA BRANCH
LOUISIANA
FANNIN
SAN JACINTO
FRANKLIN
FRANKLIN
PIERCE
HUTCHINS
BASTROP
WEBSTER
HADLEY
TRUXLEY
GRAY
ROSEWOOD
WHEELER
ROSEWOOD NORTH
ROSEWOOD
BERRY
WINTER
HOMAN
CLEBURNE
BURNE
TRUXLEY
LA BRANCH
CHENEVERT
JACKSON
CRAWFORD
ELGIN
ALABAMA
BELLFORT
BELLFORT
ROSEWOOD
WHEELER
ROSEWOOD NORTH
SANDERS
SANDERS
SCOTT
CAMPBELL
HARDY
ELYSIAN
MCKEE
LEE
CAMPBELL
HALPERN
MCNEIL
BARDWELL
ORR
LEZON
ROBERTSON
COCHRAN
IRVING
ATLANTIC
WILKES
HAMMOCK
PENNSYLVANIA
MOORE
CARL
MORRIS
CARTHAN
HARRINGTON
BROOKS
PINKNEY
SIMCOE
SIMCOE
SIMCOE

STATE OF TEXAS WELL REPORT for Tracking #232203

Owner:	**Houston Emergency Center**	Owner Well #:	**Well Log 03752**
Address:	**5320 N Shepherd Houston, TX 77091**	Grid #:	**65-13-3**
Well Location:	**5320 N Shepherd Houston, TX 77091**	Latitude:	**29° 50' 57" N**
		Longitude:	**095° 24' 57" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Industrial**

Drilling Start Date: **7/20/2010** Drilling End Date: **8/3/2010**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.5**	**0**	**358**
	4.875	**358**	**401**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**358**	**70**

Seal Method: **Pressure-Haliburton**

Sealed By: **AWWS**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **No Septic**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Surface Slab Installed**

Water Level: **200 ft.** below land surface on **2010-07-23** Measurement Method: **Unknown**

Packers: **K-Packer 351'**
K-Packer 352'

Type of Pump: **Submersible** Pump Depth (ft.): **336**

Well Tests: **Jetted** **Yield: 125 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**401**	**Not Tested**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Almeda Water Well Service**

PO Box 266
Manvel, TX 77578

Driller Name: **John A. Pyburn** License Number: **843**

Comments: **Well is used for emergency back up water. ^EO**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**4**	**fill soil**
4	**98**	**clay-gray clay-red clay-tan**
98	**99**	**rock**
99	**164**	**clay-red clay/sand streaks clay-white**
164	**178**	**broken sand & clay**
178	**198**	**sand-tan-.010-.012 sand-tan-.014-.020**
198	**272**	**clay-tan**
272	**307**	**sand-tan-.010-.0123 sand-tan-.014-.012**
307	**335**	**clay-red**
335	**352**	**sand-white-.006-.008**
352	**356**	**clay-blue**
356	**400**	**sand-white-.006-.008**
400	**401**	**rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5"	**N**	**PVC SDR 17**	**0'-358' Casing**
3"	**N**	**PVC Sch 40**	**351'-359' Liner**
3"	**N**	**Johnson Super Flow**	**359'-399' .008**
3"	**N**	**PVC Sch 40**	**399'-401' Liner**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

2R Dup

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-03-2R
Located on map yes
Received: 76
db

1) OWNER:
Person having well drilled Ervin Market, Jr. (Name) Address 1925 Ojman (Street or RFD) Houston (City) Texas (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris, 6 miles in NE (N.E., S.W., etc.) direction from Cypress (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

map on 65-03-2V

See Map # 4

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well X Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic X Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary X Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 4 in. Depth drilled 195 ft. Depth of completed well 195 ft. Date drilled 10-1-75

All measurements made from 1 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	15	Top Soil
15	33	Fine Sand
33	40	Clay
40	55	Fine Sand
55	135	Clay
135	165	Sand & Gravel
165	170	Clay
170	195	Sand

(Use reverse side if necessary)

9) Casing:
Type: Old New X Steel Plastic X Other

Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
2	0	185	S40

10) SCREEN:
Type Plastic

Perforated Slotted X

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2	185	195	16G

7) COMPLETION (Check):
Straight wall X Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 97 ft. below land surface Date 10-1-75

Artesian pressure _____ lbs. per square inch Date _____

Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No X If yes, by whom?

Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.

Artesian flow _____ gpm

Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No X

Did any strata contain undesirable water? Yes No X

Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Marvin Gilbert (Type or Print) Water Well Drillers Registration No. 1328

ADDRESS Rt. 2 Box 609 (Street or RFD) Cleveland (City) Texas (State)

(Signed) [signature] (Water Well Driller) Gilbert's Water Well Drilling Company (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER E. H. Brown (Name) Address 1915 Hollister (Street or RFD) Houston (City) Tx (State) 77 (Zip)

2) LOCATION OF WELL: County Harris 10 miles in W (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

#7

☐ Legal description: Section No. ____ Block No. ____ Township ____ Abstract No. ____ Survey Name ____ Distance and direction from two intersecting section or survey lines ____

☑ See attached map. 60-59-900

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other ____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other ____

6) WELL LOG: Date drilled 6-7-84

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	50

From (ft.)	To (ft.)	Description and color of formation material
0	10	Clay
10	30	Clay + gravel mix
30	50	Sand

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other ____ If Gravel Packed give interval . . . from ____ ft. to ____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	PVC Casing	0	40	40
2 1/2	N	PVC screen	40	50	80
		8 gage			

CEMENTING DATA: Cemented from 0 ft. to 15 ft. Method used Gravity Cemented by CY-FAIR WATER WELL SERVICE (Company or Individual)

9) WATER LEVEL: Static level 16 ft. below land surface Date 6-7-84 Artesian flow ____ gpm. Date ____

10) PACKERS: Type Formation Depth 15 + 40

RECEIVED AUG - 3 1984 DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

11) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other ____ Depth to pump bowls, cylinder, jet, etc., 32 ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

13) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? ____ Depth of strata ____ Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME CY-FAIR WATER WELL SERVICE (Type or Print) Water Well Driller's License No. 1101

ADDRESS 11630 Mueller Cem Rd (Street or RFD) Cypress (City) Tx (State) 77429 (Zip)

(Signed) John B Lumpkin Jr (Licensed Water Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only: Well No. 65-13-2C Located on map ____

TDWR 0392 (Rev. 5-27-82) DEPARTMENT OF WATER RESOURCES COPY

48201 1187

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER MRS PETE MANISCALCO (Name) Address 1912 HOLLISTER (Street or RFD) HOUSTON (City) TEXAS (State) (Zip)

2) LOCATION OF WELL: County HARRIS 10 miles in W (N.E., S.W., etc.) direction from HOUSTON (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

#1

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☑ See attached map.

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 1-4-85

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	50

From (ft.)	To (ft.)	Description and color of formation material
0	10	Clay
10	30	Clay & Sand Mix
30	50	Sand

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	PVC Casing	0	40	40
2½	N	PVC Screen	40	50	80
		8 gauge			

CEMENTING DATA
Cemented from 0 ft. to 15 ft.
Method used Gravity
Cemented by CY-FAIR WATER WELL SERVICE (Company or Individual)

9) WATER LEVEL:
Static level 16 ft. below land surface Date 1-4-85
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Formation Depth 15 & 40

RECEIVED JUL 29 1985 DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

11) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 32 ft.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield _____ gpm with _____ ft. drawdown after _____ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME CY-FAIR WATER WELL SERVICE (Type or Print) Water Well Driller's License No. 1101

ADDRESS 11630 Mueller Lem Rd (Street or RFD) Cypress (City) Texas (State) 77429 (Zip)

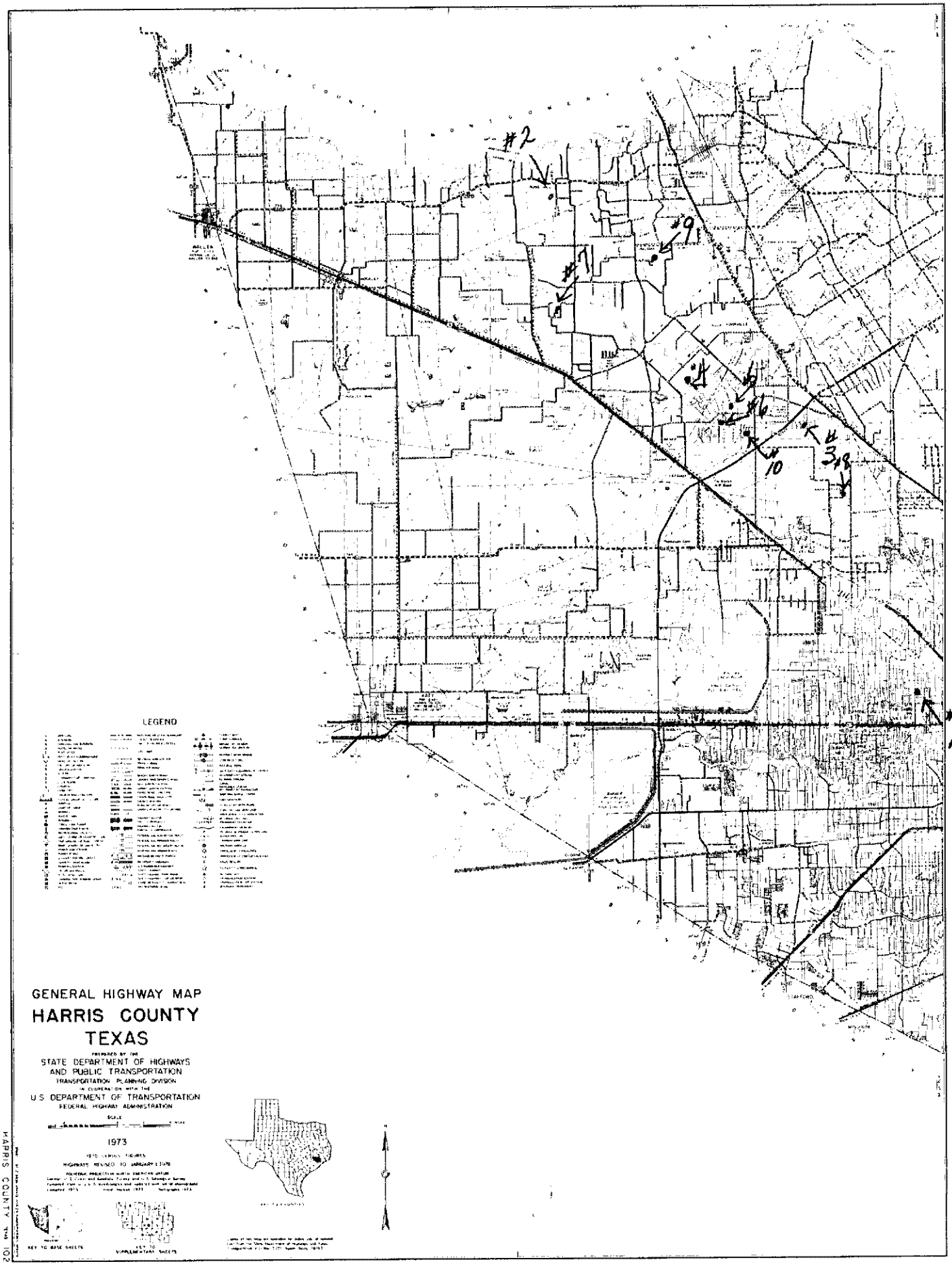
(Signed) John B Trumble Jr (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

For TDWR use only
Well No. 65-13-44
Located on map 2e 2w

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 5-27-82) DEPARTMENT OF WATER RESOURCES COPY

4820111042


#2
#9
#7
#4
#5
#6
#10
#3
#8
#1
LEGEND
GENERAL HIGHWAY MAP
HARRIS COUNTY
TEXAS
PREPARED BY THE
STATE DEPARTMENT OF HIGHWAYS
AND PUBLIC TRANSPORTATION
TRANSPORTATION PLANNING DIVISION
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
SCALE
1973
1970 CENSUS FIGURES
HIGHWAYS REVISED TO JANUARY 1, 1973
KEY TO BASE SHEETS
KEY TO SUPPLEMENTARY SHEETS
HARRIS COUNTY 1973

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Velma Dickerson	1918 Hollister	Houston	TX	77080

2) WELL LOCATION

County	Physical Address	City	State	Zip
Harris	Same			

3) Type of Work
☑ New Well ☐ Deepening
☐ Reconditioning

Lat. | | | Long. | | | Grid # 65-13-4

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 2/21/01
Completed 2/21/01

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
5	Surface	47

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☒ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☐ Other

From (ft)	To (ft)	Description and color of formation material
0	21	Yellow Clay
21	25	Sand 10 Gp
25		Rock
25	28	Sand 10 Gp
28		Rock
28	35	Sand 12 Gp
35		Rock
35	42	Sand 12 Gp
42		Rock
42	47	Sand 12 Gp

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☑ Gravel Packed ☐ Other
If Gravel Packed give the interval from 47 ft. to 37 ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
2	N	Casing Plastic	Surface	37	sch40
2	N	Screen Plastic	37	47	.006

9) Cementing Data
Cementing from 37 ft. to surface ft. # of sacks used 9
ft. to ft. # of sacks used
Method Used Pressure
Cementing By Raymond Services, Inc.
Distance to septic system field or other concentrated contamination ____ ft.
Method of verification of above distance Customer

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion
☐ Specified Surface Slab Installed
☑ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump
☐ Turbine ☑ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc., ____ ft.

11) Water Level
Static level 15 ft. below Date 2/21/01
Artesian Flow ____ gpm. Date / /

15) Water Test
Typetest ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 15 gpm with ____ ft. drawdown after ____ hrs.

16) Water Quality
Did you knowingly penetrate and strata which contain undesirable constituents.
☐ YES ☑ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water ____ Depth of Strata ____
Was a chemical analysis made ☐ Yes ☐ No

12) Packers

Type	Depth
None	

Company or individual's Name (type or print): Raymond Services, Inc. 4577WI

Address	City	State	Zip
10011 Airline Drive	Houston	TX	77037

Signature: Licensed Driller/Pump Installer	Date	Signature: Apprentice	Date
	2/21/01		2/21/01

Send original copy by certified return receipt requested mail to: TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: *Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)*

State of Texas WELL REPORT

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER YADOLLAH MOSADEGH (Name) ADDRESS 1917 HOUSTER HOU TX 77080 (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL'S LOCATION: County HARRIS SAME (Street, RFD or other) (City) (State) (Zip) Long. ____ Lat. ____ Grid # 65-13-4

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

(4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [/] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) N

6) WELL LOG:
Date Drilling:
Started 6/8 19 99
Completed 6/9 19 99

DIAMETER OF HOLE		
Dia. (in)	From (ft)	To (ft)
5 1/4	Surface	47

7) DRILLING METHOD (Check): [ ] Driven [ ] Air Rotary [X] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other ____

From (ft.)	To (ft.)	Description and color of formation material
0	25	YELLOW CLAY
25	39	SAND 10 GA
39	41	CLAY
41	46	SAND 6 GA
46	47	ROCK

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): [ ] Open Hole [ ] Straight Wall [ ] Underreamed [/] Gravel Packed [ ] Other ____
If Gravel Packed give interval from 37 ft. to 47 ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in)	New or Used	Steel, Plastic, etc Perf, Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
2	N	Plastic CASE	0	37	SCH40
2	N	Plastic SCREEN	37	47	.006

9) CEMENTING DATA
Cemented from 0 ft. to 37 ft. No. of sacks used 9
____ ft. to ____ ft. No. of sacks used ____
Method used Pressure
Cemented by Raymond Services, Inc.
Distance to septic system field lines or other concentrated contamination 50+ ft.
Method of verification of above distance Customer

13) [ ] Well plugged within 48 hours

Casing left in well: From (ft)	Casing left in well: To (ft)	Cement/bentonite placed in well: From (ft)	Cement/bentonite placed in well: To (ft)	Sacks used:

14) TYPE PUMP:
[ ] Turbine [/] Jet [ ] Submersible [ ] Cylinder
[ ] Other ____
Depth to pump bowls, cylinder, jet, etc., ____ ft.

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed
[/] Specified Steel Sleeve Installed
[ ] Pitless Adapter Used
[ ] Approved Alternative Procedure Used

15) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [/] Jetted [ ] Estimated
Yield: 20 gpm with 8 ft. drawdown after 1 hrs.

11) WATER LEVEL:
Static level 10 ft. below land surface Date 6/9/99
Artesian flow ____ gpm. Date ____

16) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? [ ] Yes [ ] No

12) PACKERS: Type Depth
none

I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Services, Inc. (Type or print) WELL DRILLER'S LICENSE NO. 4577WI

ADDRESS 10011 Airline Drive, Houston, TX 77037 (Street or RFD) (City) (State) (Zip)

(Signed) ____ (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDLR FORM 001WWD (4/98) *White - TDLR Yellow - DRILLER Pink - WELL OWNER*

4820123687

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, TX 78711-3087
512-371-6299

1) OWNER MRS. OLDHAM (Name) ADDRESS 1913 Hollister (Street or RFD) Houston (City) TX (State) 77080 (Zip)

2) LOCATION OF WELL: 1913 Hollister
County Harris . _____ miles in _____ (NE, SW, etc.) direction from _____ (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ SEE ATTACHED MAP

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 3-3 1994 Completed 3-4 1994

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	320
3 7/8	320	330

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	17	Top Soil + Clay
17	46	Surface Sand
46	163	Clay
163	196	Sand
196	198	Clay
198	217	Sand
217	230	Clay
230	250	Sand
250	317	Clay
317	330	Sand

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	N	PVC	0	320	
2	N	Galvanized	315	320	
2	N	PVC Screens	320	330	.014

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used 7
270 ft. to 320 ft. No. of Sacks Used 3
Method used Halliburton / Trimmel
Cemented by Bussell + Son Inc.

RECEIVED APR 18 1994 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 280 ft.

14) WELL TESTS: Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 30 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents? ☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Specified Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level 228 ft. below land surface Date 3-4-94
Artesian flow _____ gpm. Date _____

12) PACKERS: Type: K-Packer Depth: 315

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Bussell + Son Inc. (Type or print) WELL DRILLER'S LICENSE NO. 2035

ADDRESS PO Box 874 (Street or RFD) Tomball (City) TX (State) 77377-0874 (Zip)

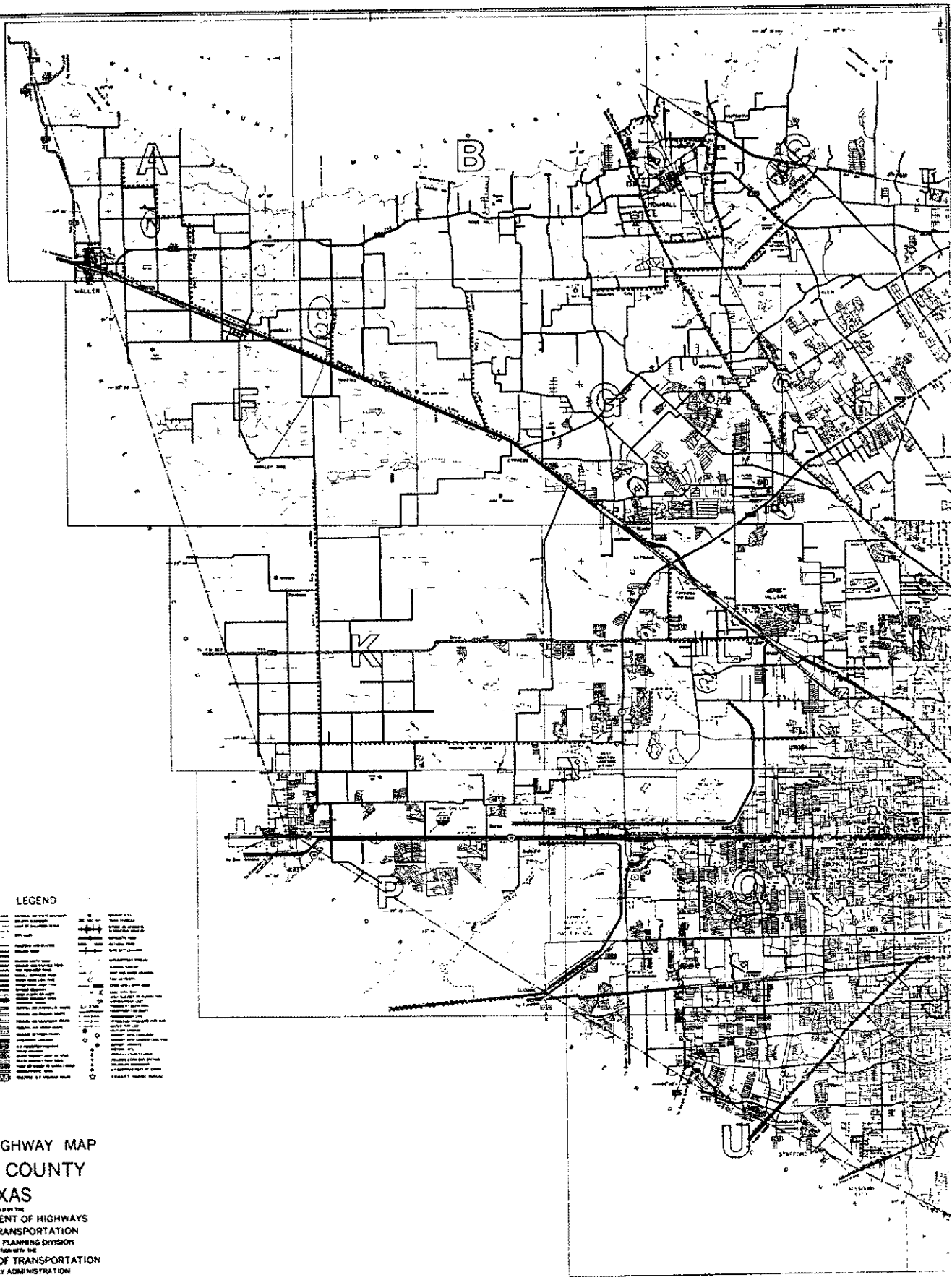
(Signed) Craig Bussell (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. _____ Located on map _____

TWC-0199 (Rev. 05-18-90) 4820124920 TEXAS WATER COMMISSION COPY

Kitp. 450



LEGEND

GENERAL HIGHWAY MAP

HARRIS COUNTY

TEXAS

PREPARED BY THE

STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION

TRANSPORTATION PLANNING DIVISION

IN COOPERATION WITH THE

U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

1979

1980 CENSUS FIGURES

HIGHWAYS REVISED TO SEPTEMBER 1, 1987

KEY TO MAIN SHEETS

KEY TO SUPPLEMENTARY SHEETS

KEY TO COUNTIES

NOTICE

HARRIS COUNTY TEXAS 102

4F

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13
Located on map
Received:

1) OWNER:
Person having well drilled BILL ROBERTS (Name) Address 1909 HOLLISTER (Street or RFD) HOUSTON (City) TEXAS (State)

Landowner " (Name) " Address " (Street or RFD) " (City) " (State)

2) LOCATION OF WELL:
County HARRIS, ____ miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.* HAMPSTEAD HWY

HOLLISTER

Long Point

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor ____ League ____

Block ____ Survey ____

Abstract No. ____

(NW¼ NE¼ SW¼ SE¼) of Section ____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic ✓ Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 5½ in. Depth drilled 45 ft. Depth of completed well 45 ft. Date drilled 11-17-73

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOP SOIL
2	23	GRAY CLAY
23	45	SAND

(Use reverse side if necessary)

9) Casing:
Type: Old ✓ Steel Plastic ✓ Other
Cemented from ____ ft. to ____ ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
3	0	37	SCH 40

10) SCREEN:
Type PLASTIC
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
3	37	45	8

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 10 ft. below land surface Date 11-17-73
Artesian pressure ____ lbs. per square inch Date ____
Depth to pump bowls, cylinder, jet, etc., 20 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.
Bailer test ____ gpm with ____ ft. drawdown after ____ hrs.
Artesian flow ____ gpm
Temperature of water ____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No
Type of water? ____ depth of strata ____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN R. LUMPKIN, JR (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 7507 JANAK DR (Street or RFD) HOUSTON (City) TEX (State)

(Signed) John R. Lumpkin Jr (Water Well Driller) LONG POINT WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WO-8

482011021

Dup W/ # 164

end original copy by
ertified mail to the
exas Department of Water Resources
. O. Box 13087
ustin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-12-45
Located on map 40mm
Received:

) OWNER Mr. Adrian Flake (Name) Address PO Box 770548 (Street or RFD) Hstn (City) Tx (State) 77215 (Zip)

) LOCATION OF WELL: #330 Huntrwood
County Harris _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

riller must complete the legal description to the right ith distance and direction from two intersecting sec- on or survey lines, or he must locate and identify the ell on an official Quarter- or Half-Scale Texas County eneral Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ See attached map. Mayco 65-05-9AAA

) TYPE OF WORK (Check):
☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

WELL LOG:
Date drilled 6/4/84

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	358'

7) BOREHOLE COMPLETION:
☐ Open Hole ☑ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0'	16'	Top Soil & Clay
16'	24'	Surface Sand
24'	177'	Red & White Clay
177'	358'	Sand & Gravel

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4"	N	Galv. Steel	0	337	
2	N	Galv.	337	338	
2½	N	PVC	338	348	.016
2½	N	PVC	348	358	.020

CEMENTING DATA
Cemented from 0 ft. to 337 ft.
Method used Halliburton
Cemented by Bussell & Son, Inc. (Company or Individual)

9) WATER LEVEL:
Static level 210 ft. below land surface Date 6/5/84
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

RECEIVED
MAR 11 1985
DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

11) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

3) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

AME Craig O Bussell (Type or Print) Water Well Drillers Registration No. 2035

DDRESS PO Box 874 (Street or RFD) Tomball (City) TX (State) 77375 (Zip)

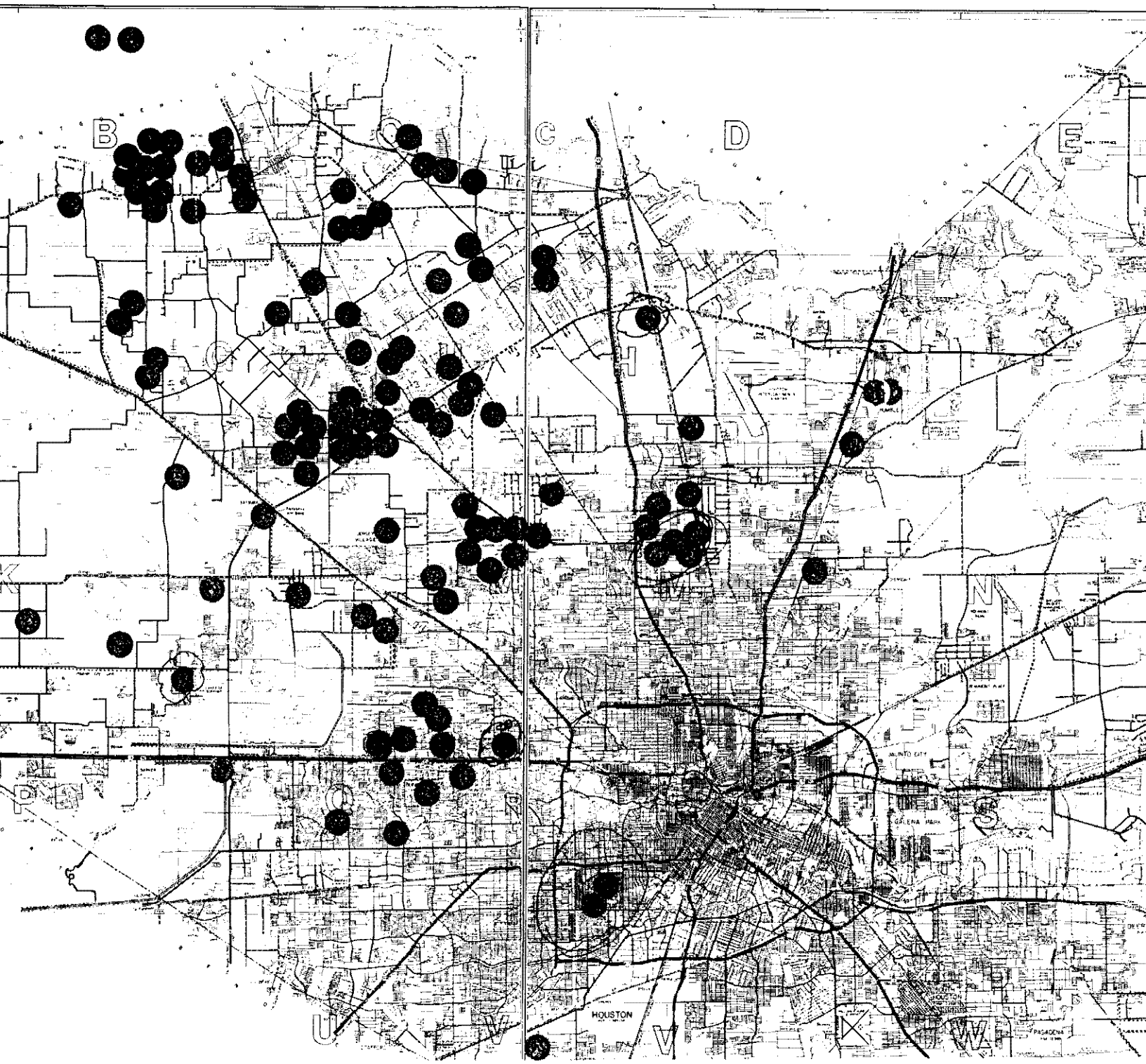
gned) Craig Bussell (Water Well Driller) Bussell & Son, Inc. (Company Name)

ease attach electric log, chemical analysis, and other pertinent information, if available.

VR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

4820110904


B
C
D
E
K
N
P
Q
R
S
U
V
W
X
HOUSTON
GALENA PARK
PASADENA

#4

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 69-21-2
Located on map
Received:

1) OWNER DR. H.C. ROBINSON JR. (Name) Address 1706 1TH CITY NATL. BANK (Street or RFD) HOUSTON (City) TEX (State) 77002 (Zip)

2) LOCATION OF WELL: County HARRIS 2 miles in NE (N.E., S.W., etc.) direction from THE SOUTHWEST FREEWAY OFF KIRBY DR. HOUSTON (Town) RIVER, OAKS

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 8-30-86

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
4	Surface	330
2½	330	384

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other INSIDE SET
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	-3	SANDY LIGHT TOP SOIL
3	-22	BROWNISH TO GRAY CLAY
22	-30	FINE SAND VERY SOLF
30	-50	RED-GRAY CLAY-MIXED
50	-65	STRIPS OF SANDY WOOD PARTS
65	-80	RED-TO GRAY CLAY
80	-86	FAIR COURSE SAND
86	-150	GRAY CLAY W/ STRIPS SAND + ROCK.
150	181	- GRAYISH CLAY
181	-210	- TREE PARTS W/ SAND + ROCK.
210	228	GRAY CLAY —
228	-260	FAIR SAND W/ STRIPS OF CLAY
260	270	VERY STIFF CLAY - RED.
270	-280	FAIR COURSE SAND
280	-310	SOLF STICKLY GRAY CLAY
310	332	SAND STRIPS TO CLAY
332	-336	VERY COURSE SAND
336	-350	HARD STIFF RED CLAY
350	-384	VERY GOOD COURSE SAND
		— BOTTOM OF WELL —
		CLAY

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfr., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4		SECH 40 PVC PIPE	0	-330	
2½		GALV. LINER PIPE	330	-374	
2½"		X10' SLOTTED SCREEN	374	-384	016

CEMENTING DATA
Cemented from SURFACE ft. to 50'-60' ft.
Method used MIXING, POURING DOWN AROUND
Cemented by MY COMPANY (Company or Individual)

9) WATER LEVEL:
Static level 241 ft. below land surface Date 8-30-86
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 307 ft.

12) WELL TESTS:
☐ Type Test: ☒ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 30 gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? VERY GOOD Depth of strata 384
Was a chemical analysis made? ☐ Yes ☒ No

RECEIVED
TEXAS WATER COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME CECIL L. ELLIS (Type or Print) Water Well Drillers Registration No. 815

ADDRESS 13719 STAFFORD ROAD (Street or RFD) STAFFORD (City) TEXAS (State) 77477 (Zip)

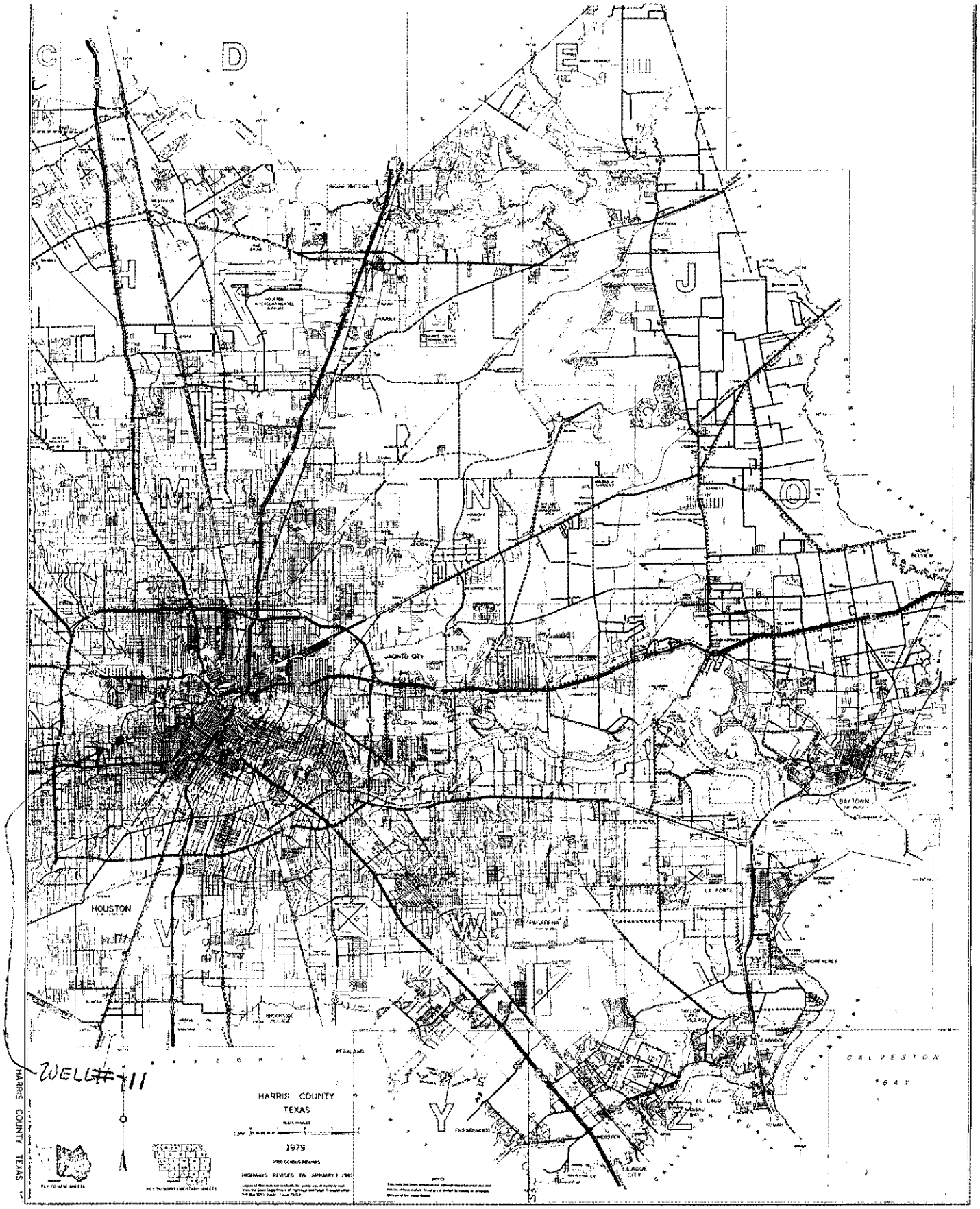
(Signed) Cecil L. Ellis (Water Well Driller) ELLIS WATER WELL DRILLING (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

4820107676


HARRIS COUNTY
TEXAS
1979
HOUSTON
JACINTO CITY
PASADENA
BAYTOWN
LA PORTE
DEER PARK
PEARLAND
FRIENDSWOOD
LEAGUE CITY
GALVESTON BAY
WELL #11
HARRIS COUNTY TEXAS

WRD Exp. (GW)
April 1966

Well No. 65-13-404

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by McAdoo 1949 (Gabrysch 1943) Source of data File Date 2-16-68 Map 1:24000 Houston Heights 1955

State Texas [48] County (or town) Harris [LJ]

Latitude: 29 46 01 N Longitude: 095 22 58 Sequential number: 1

Lat-long accuracy: 1 T. S. R W. Sec k, k, k

Local well number: LJ-65-13-904 Other number: B & M C-20

Local use: Owner or name: City of Houston

Owner or name: CITY OF HOUSTON Address: Central Plant

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [M]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mnd, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other [P]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [W]

DATA AVAILABLE: Well data [1] Freq. W/L meas.: 1949 - ANNUAL [A] Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 3-26-49 [A] Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: E-Log (T-32) [E]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1960 ft [1960] Meas. Reg. Driller accuracy [3]

Depth cased: (first perf.) 1015 ft [1015] Casing type: S; Diam. 24-12 in [24]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other [G]

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other [H]

Date Drilled: Jan 1949 [949] Pump intake setting: ft

Driller: Texas Water Wells Inc. Houston, Texas (name, address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other [T] [7] Deep Shallow [D]

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. [5] Trans. or meter no.

Descrip. MP Top of agitator pipe +1.08 ft above below LSD. Alt. MP

Alt. LSD: 46 [46] Accuracy: (source) Topo 5' [3]

Water Level 187.10 ft above below MP; Ft above below LSD [186] Accuracy: Meas [A]

Date meas: 3-28-49 [349] Yield: 243.5 gpm [2435] Method determined [4]

P/L = 254.28

Drawdown: 67 ft [67] Accuracy: 3-28-49 Meas [0] Pumping period 96 hrs [96]

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard. ppm

Sp. Conduct K x 10^6 Temp. °F Date sampled

Taste, color, etc.

Well No. LJ-65-13-904

* 3-82: Greater hole +4.0

[redacted]

Well No. LT-65-13-504

Latitude-longitude 29 d, 46 m, 01 s N, 095 d, 22 m, 58 s W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: Coastal Plain [03] (20–21) Section: _____

[F] (22) Drainage Basin: _____ [5 1 R] (23–25) Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series [T] (28–29) _____ aquifer, formation, group [E] (30–31) ✓

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: 405 ft [4 0 5] (38–40) Depth to top of: _____ ft (41–43)

MINOR AQUIFER: _____ system, _____ series (44–45) _____ aquifer, formation, group (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: * 1015 - 1940.

Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

Coefficient Trans: ✓ _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: ✓ _____ gpd/ft^2; Spec cap: ✓ _____ gpm/ft; Number of geologic cards: _____ (79)

* Screen:

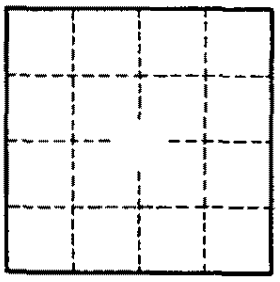
1015 - 1050	35
1100 - 1300	200
1315 - 1340	25
1350 - 1375	25
1395 - 1410	15
1530 - 1545	15
1565 - 1580	15
1850 - 1910	60
1925 - 1940	15

Test well to 2532. E-log.

1st drill stem test @ 2498 - 2532 cl = 19750 ppm.

2nd test @ 2184 - 2220 cl = 665 ppm

3rd Test @ 1865 - 1900 cl = 104 ppm.



CSG:

24" 0 - 604

12 3/4" 504 - 1960

Well No. LT-65-13-504

GPO 857-700

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-904

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by McAdoo (Lang 1949) (Gabrysch 1962) Source of date File Date 2-16-68 Map 1:24000 Houston Heights 1955

State Texas [48] County (or town) Harris [LJ]

Latitude: 29 46 01 N S (deg 7 min 9 sec 11) Longitude: 095 22 58 (E; 12 degrees 15 min sec 18) Sequential number: 1

Lat-long accuracy: 1 T. N S, R E W, Sec , k, k, k

Local well number: LJ-65-13-904 Other number: B & M C-20

Local use: Owner or name: City of Houston

Owner or name: CITY OF HOUSTON Address: Central Plant

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [67] M

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mnd, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other [68] P

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (O) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [69] W

DATA AVAILABLE: Well data 1 [70] Freq. W/L meas.: 1949 – ANNUAL A [71] Field aquifer char. [72]

Hyd. lab. data: [73]

Qual. water data; type: [74]

Freq. sampling: 3-26-49 A [75] Pumpage inventory: yes no, period: [76]

Aperture cards: yes [77]

Log data: E-Log (T-32) E [78 79]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD [19] Depth well: 1960 ft [20 23] Meas. reported Driller accuracy [24] 3

Depth cased (first perf.) 1015 ft [25 28] Casing type: S; Diam. 24-12 in [29 30] 24

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen) ?, (H) horiz. gallery, (O) open end, (P) perf., screen, (S) sd. pt., (T) shored, (W) open hole, (Z) other [31] G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other [32] H

Date Drilled: Jan 1949 [33] 9 4 9 [35] Pump intake setting: ft [36 38]

Driller: Texas Water Wells, Inc. (name) Houston, Texas (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other [39] T Deep Shallow [40] D

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. [41] 5 Trans. or meter no.

Descrip. MP Top of agitator pipe +1.08 ft above below LSD. Alt. MP

Alt. LSD: 46 [42 45] 46 Accuracy (source): Topo 5' [47] 3

Water Level 187.10 ft above below MP; Ft above below LSD [48 51] 186 Accuracy: Meas [52] A

Date meas: 3-28-49 [53 55] 349 Yield: 243.5 gpm [56 60] 2435 Method determined [61] 4

P/L: 254.28

Drawdown: 67 ft [62 64] 67 Accuracy: 3-28-49 Meas [63] 0 Pumping period 96 hrs [66 68] 96

QUALITY OF WATER DATA: Iron ppm [69] Sulfate ppm [70] Chloride ppm [71] Hard. ppm [72]

Sp. Conduct K x 10^6 [73] Temp. °F [74 76] Date sampled [77 79]

Taste, color, etc.

Well No. LJ-65-13-904

Well No. LJ-65-13-904

Latitude-longitude 27 , 46 , 01 N 095 , 22 , 58 , 1
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: Coastal Plain [03] (20–21) Section: _____

_____ [F] (22) Drainage Basin: _____ [5 1 R] (23–25) Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series [T] (28–29) _____ aquifer, formation, group [E] (30–31)

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: 405 ft [4 0 5] (38–40) Depth to top of: _____ ft (41–43)

MINOR AQUIFER: _____ system, _____ series (44–45) _____ aquifer, formation, group (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: * 1015 – 1940.

Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

Coefficient Trans: _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)

* Screen:

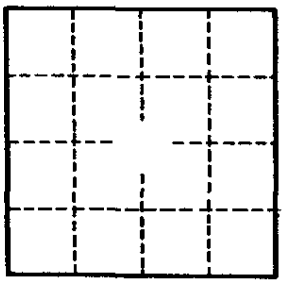
1015 – 1050	35
1100 – 1300	200
1315 – 1340	25
1350 – 1375	25
1395 – 1410	15
1530 – 1545	15
1565 – 1580	15
1850 – 1910	60
1925 – 1940.	15

Test Well to 2532. E-log.

1st drill stem test @ 2498 – 2532 cl: 19750 PPM.

2nd test @ 2184 – 2220 cl = 665 ppm.

3rd Test @ 1865 – 1900 cl = 104 ppm.



CSG:

24" 0 – 604

12 3/4" 504 – 1960

Well No. LJ-65-13-904

GPO 857-700

TX-73Q
(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020972

Latitude ° ' "	Longitude ° ' "	Seq. No.
9460 1	0952258	01

County code 201 County HARRIS

Well # LJ-65-13-904

Project number 74648-01000

Date 2-10-77 Time — Temp°C 27.0

Owner CITY OF HOUSTON

Address CENTRAL C-20

Date drld — WBF code 121 EVG1

Sample interval: (top) 1015 (bottom) 1940

Water level — Appr CLEAR Use PS.

Collector P BUTLER Yield — GPM

Smpld aftr pmpg _____ Depth —

Pt of coll TAP ON DISCHARGE

Field: Cond _____ pH _____ HCO_3 _____ DO _____

Indicate types of analyses

Coliform Phenols Minors

trients MBAS BOD TOC DOC

Std chem schedule _____

Other T

Herbicide _____ Insecticide _____

Remarks:

Type 2 (1) Station identification number 2946010952258 01 (2–16)

Y M D (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	1015	04	
Sample interval BOTTOM	72016	1940	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2700	02		27.0
pH	00400	8100	01		8.1
Specific conductance	00095	7140	03		714
HCO_3	00440	3270	03		327
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6700	02		67
Sulfate (SO_4)	00945	8000	01		8.0
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31625				
Strep-tococci	31673				
BOD	00310				

Water Quality Board
Austin, Texas

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 46 01	095 22 58	01

nty code 101 County Harris

Well # LT-65-13-904

Project number T-4648-01000

Date 9-17-76 Time 1230 Temp°C ?

Owner City of Houston

Address Council No. C-20

Date drld — WBF code 121 Evgl

Sample interval: (top) 1015 (bottom) 1940

Water level — Appr Clear Use PS

Collector Bryant Yield — GPM

Smpld aftr pmpg on arrival Depth —

Pt of coll tap on discharge

Field: Cond — pH — HCO_3 — DO —

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

chem schedule I

Other

Herbicide Insecticide

Remarks:

Type 2 (1) Station identification number 29460109522580 1 (2) 9 16

Y M D 76 09 17 (17) Begin (22)

Time of measurement (29) (32)

	Parameter code	Value	Exp.	Rmk	
Depth	72008				
Yield (GPM)	00059				
Sample interval TOP	72015	1015	04		
Sample interval BOTTOM	72016	1940	04		
Water level	72019				

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010				
pH	00400	7900	01		7.9
Specific conductance	00095	7080	03		708
HCO_3	00440	3300	03		330
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6700	02		67
Sulfate (SO_4)	00945	8000	01		8.1
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017501

Latitude - ° ' " | Longitude ° ' " | Seq. No.

29 46 01 | 095 22 58 | 01

County code 201 County Harris

Well # LJ-65-13-904

Project number 4648-01000

Date 2-11-76 Time — Temp°C 28.5

Owner City of Houston

Address Central C-20

Date drld — WBF code 121 EVGL

Sample interval: (top) 1015 (bottom) 1940

Water level — Appr clear Use PS

Collector Wattel Yield — GPM

Smpld aftr pmpg on arrival Depth —

Pt of coll tap on discharge pipe

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I

Other

Herbicide Insecticide

Remarks:

Type 2 | Station identification number 29460109522580 1

Y M D 76 02 11 17 Begin 22

Time of measurement 29 32

	Parameter code	Value	Exp.	Rmk	
Depth	72008				
Yield (GPM)	00059				
Sample interval	72015	1015	04		
Sample interval BOTTOM	72016	1940	04		
Water level	72019				
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2850	02		28.5
pH	00400	7900	01		7.9
Specific conductance	00095	7170	03		717
HCO_3	00440	3280	03		328
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6600	02		66
Sulfate (SO_4)	00945	2800	01		2.8
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

(11) 493 K/1021
901 SAWYER

EZ

Water Quality Sampling Run

SWN: 65-13-904
County: Harris
Aquifer(s):

Sample No. 1552
Date: 6/5/90
By: EZ

	Bottle 1	Bottle 2	Bottle 3	Bottle 4	Bottle 5	Bottle 6	Bottle 7	Total
	1 liter Anions	1 liter Cations/HM	1 gallon Radioactivity	500 ml Nitrate/ Phosphate	1 Qt.(glass) (TOC) Organics	500 ml Cyanide	2-VOA	Sub-Samples 5
					unfiltered			All filtered unless otherwise stipulated. All on ice.
Preserve with:	ICE	HNO_3 (Nitric)	HNO_3 (Nitric)	H_2SO_4 (Sulfuric)	--	NaOH (Sodium Hydroxide)		

KEY PUNCHED

Water Level _____ LSD
Temperature (00010) 29.1 °C
Specific Conductance (00094) 679 µmhos/cm
pH (00400) 7.96 ● ~~29.1~~ °C
Eh (00090) -120.0 mv ● ~~29.1~~ °C
Phenol ALK (82244) 0 mg/l
Total ALK (00431) 269 mg/l
Carbonate (00452) _____ meq/l 0 mg/l
Bicarbonate (00453) _____ meq/l 328 mg/l

Total Cations (+) _____
Total Anions (-) _____
Total Hardness (46570) 502
Dissolved Solids (70301) 421 (454 meter)

Notes & Calculations

Central #20
901 Sawyer
493K-1021

50 ml sam. ½
11:25 am

Ph @ Start Titration
8.09
4.50
13.45 ml used

890091-B

Austin, Texas

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 46 01	095 22 58	01

County code LJ201 County Harris

Well # LJ-65-13-904

Project number 5-4648-01000

Date 2-5-75 Time _____ Temp °C 28.5

Owner City of Houston

Address Central #20

Date drld 1-49 WBF code 121EVGL

Sample interval: (top) 1015 (bottom) 1940

Water level _____ Appr _____ Use PS

Collector Naftel Yield _____ GPM

Smpld aftr pmpg on arrival Depth 1960

Pt of coll Faucet on pipe

Field: Cond _____ pH _____ HCO_3 _____ DO _____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I + SO4

Other _____

Herbicide _____ Insecticide _____

Remarks:

Type 2 (1) Station identification number 29460109522580 1 (2–9) 16

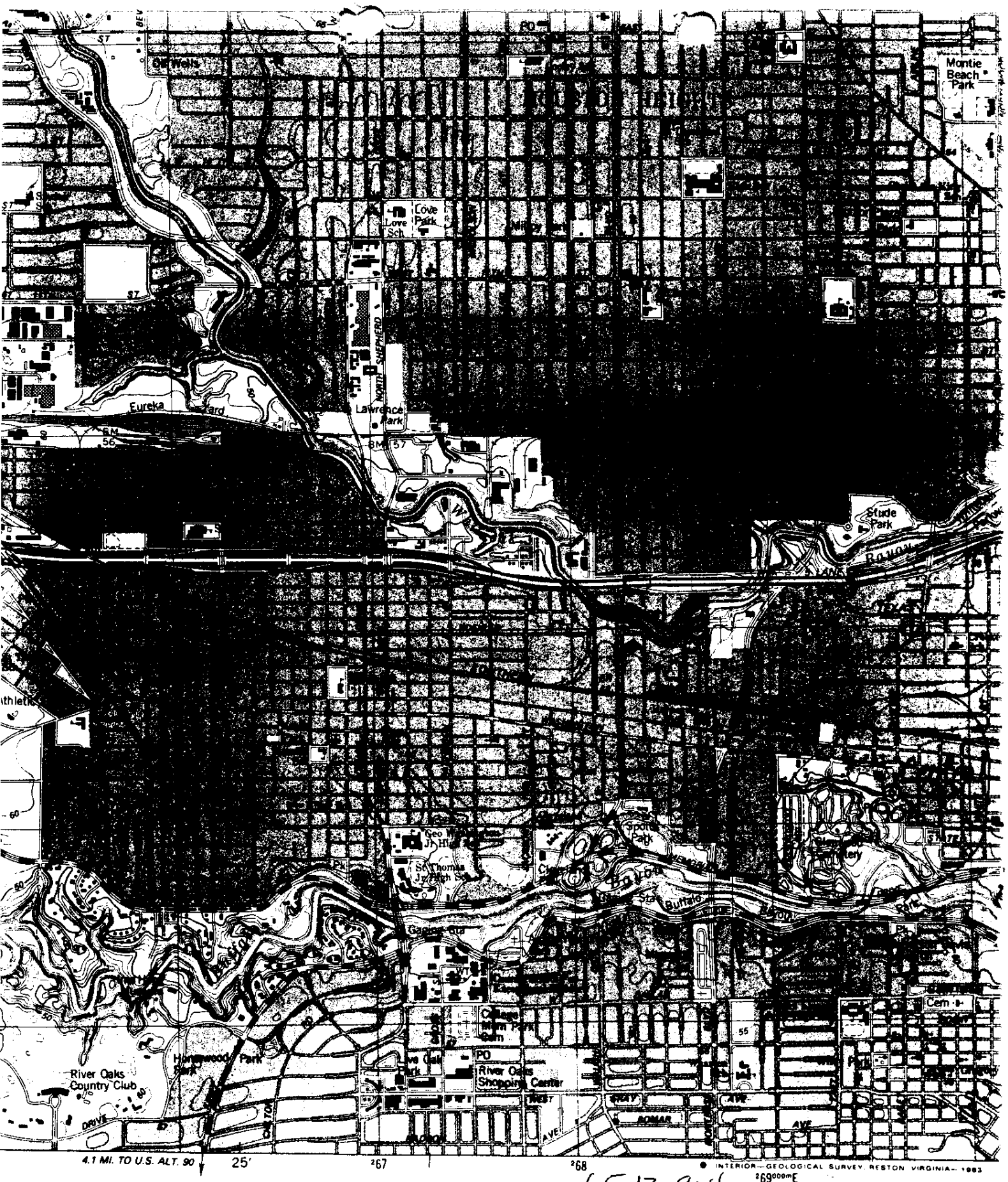
Y	M	D
75	02	05

17 Begin 22

Time of measurement _____ 29 32

	Parameter code	Value	Exp.	Rmk
Depth	72008	1960	04	
Yield (GPM)	00059			
Sample interval TOP	72015	1015	04	
Sample interval BOTTOM	72016	1940	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/1)	00300				
DO % Sat.	00301				
Temp °C	00010	2850	02		
pH	00400	7900	01		7.9
Specific conductance	00095	6980	03		698
HCO_3	00440	3220	03		322
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6300	02	same	63
Sulfate (SO_4)	00945	2000	01		20
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				



INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1983

65-13-904

1 MILE

7000 FEET

1 KILOMETER

ROAD CLASSIFICATION

Primary highway, hard surface

Light-duty road, hard or improved surface

Secondary highway, hard surface

Unimproved road

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 904 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 01 Longitude - 95 22 58 Source of Coords - 1

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston (Central #20)

Driller - Texas Water Wells, Inc.

Address _____ Tenant/Oper. _____
Date Drilled - 01/ /1949 Depth - 1,960 ft. Source of Depth - R Altitude - 46 ft. Source of Alt. - M
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - HYDRAULIC ROTARY
Completion - GRAVEL PACK W/SCREEN
Casing Material - STEEL
Screen Material - STEEL

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (
Open Hole (O)
Cemented from_____to_____

		Diam. (in.)	Setting(feet) From	To
1	C	24	0	604
2	C	13	504	1015
3	S	13	1015	1050
4	S	13	1100	1300
5	S	13	1315	1340
6	S	13	1350	1375
7	S	13	1395	1410
8	S	13	1530	1545
9	S	13	1565	1580
10	S	13	1850	1910
11	S	13	1925	1940
12				
13				
14				
15				
16				
17				
18				
19				

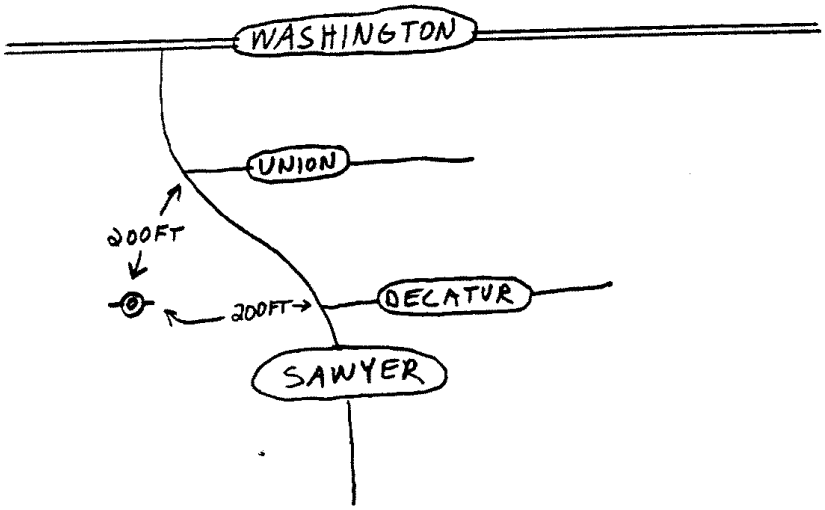
LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages ____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.
Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -
YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____
PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM
Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft
QUALITY (Remarks- _____
WATER USE Primary- PUBLIC SUPPLY Secondary- _____ Tertiary- _____
OTHER DATA AVAILAIBLE Water Levels- C Quality- Y Logs- Other Data- A

WATER LEVELS Date- 03/22/1949 Measurement- -188.40
Date- 01/16/2001 Measurement- -293.00

Recorded By MB Date Record Collected or Updated- 04/03/2001

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
Owner's well Central #20. Reported yield 2435 gpm with 67 feet drawdown after pumping 96 hours in 1949. Aquifer test data in TWDB R-98.

Aquifer - 121EVGL
Well No. - 65 13 904



65-13-904

TWDB Water Quality Field Data Sheet

New Well: yes / no

State Well Number: 65-13-904

County: HARRIS

County Code: 201

Aquifer Code: 121 EVGL

Aquifer Id: 15

Send Results To: Owner / Lessee

Owner's Name: CITY OF HOUSTON

Lessee's Name:

Attention:

Mailing Address:

901 SAWYER

Well Number: CENTRAL #20

Type of Sample: LCRA / HACH

Sample Number: 977

Date: 4-3-01

Sampler(s): MB

Daily Meter Calibration:

pH	7	7.0
	4 or 10	4.0
Conductivity	500	501
	1000	1000
	2000	
	5000	

CIRCLE BOTTLES TAKEN:

1 (on ice)	2	3 (on ice)	4 (on ice)	5
500ml (filtered)	500ml (filtered)	250ml (filtered)	40 ml (not filtered)	1 gallon (filtered)
Anions / Total Alkalinity	Cations	Nitrate/Nitrite	Atrazine	Radioactivity
no preservative	1ml Nitric (HNO3)	0.5 ml Sulfuric (H2SO4)	**no preservative**	10 ml Nitric (HNO3)

Add enough of the proper acid to each bottle that is preserved to drop the pH to 2.

Time In: 1330

Time Out: 1425

W. L. depth from LSD (ft.):

W.L. remark:

Pumping Since: POA

Sampling Point: FAN

Well Use: PUBLIC

Lift: T

Power: E

Latitude: 29 46 02

Longitude: 95 22 59

Elevation: 83

Sample Time: 1400

Filter pressure: hand pump / line

Field Alkalinity Titration:

768 Start pH 4.50 End pH

50 **ml. Sample Size**

12.35 ml. Acid added for Total

ml. Acid added for Phenol

Items below calculated from ml. acid added data:

Field Total Alkalinity: 0.0 mg/L 247

Field Phenol Alkalinity: 0.0 mg/L

Notes: 2000 6PM

1-16-01

293 AIRLINE USGS

Water Quality Stabilization Parameters Table

				Final Readings:
Time:	1345	1355	1400	
pH:	7.55	7.68	7.68	
Temperature (Celsius):	27.6	27.8	27.8	
Conductivity (uS/cm):	616	617	617	
Conductivity Temperature (Celsius):	27.7	27.9	27.9	

Items Below Calculated Later From Results:

Total Hardness: 58

Calculated TDS (mg/L): 354

Balanced: B

Data Entered By Sampler Into Database: yes / no

LCRA Environmental Laboratory Services

Date: *30-Apr-01*

CLIENT: Texas Water Development Board
Client Sample ID: 65-13-904
Lab Order: 0104059 **COC ID:** 15789
Project: TWDB 00-01
Collection Date: 04/03/2001 2:00:00 PM
Lab ID: 0104059-05
Matrix: GROUNDWATER

Analyses	Storet	Result	PQL	Qual	Units	DF	QC Batch	Date Analyzed
ICP METALS, DISSOLVED			**E200.7**					Analyst: **SW**
Calcium	00915	15.5	0.204		mg/L	1.02	R8261	04/11/2001
Magnesium	00925	4.72	0.204		mg/L	1.02	R8261	04/11/2001
Potassium	00935	1.37	0.204		mg/L	1.02	R8261	04/11/2001
Sodium	00930	115	0.714		mg/L	1.02	R8261	04/11/2001
ICP METALS, DISSOLVED			**E200.7**					Analyst: **SW**
Boron	01020	202	51.0		µg/L	1.02	R8262	04/11/2001
Iron	01046	119	51.0		µg/L	1.02	R8262	04/11/2001
Strontium	01080	374	20.4		µg/L	1.02	R8262	04/11/2001
ICPMS METALS, DISSOLVED			**E200.8**					Analyst: **PJM**
Aluminum	01106	ND	4.00		µg/L	1	R8305	04/16/2001
Antimony	01095	ND	1.00		µg/L	1	R8305	04/16/2001
Arsenic	01000	7.25	2.00		µg/L	1	R8305	04/16/2001
Barium	01005	252	1.00		µg/L	1	R8305	04/16/2001
Beryllium	01010	ND	1.00		µg/L	1	R8305	04/16/2001
Cadmium	01025	ND	1.00		µg/L	1	R8305	04/16/2001
Chromium	01030	ND	1.00		µg/L	1	R8305	04/16/2001
Cobalt	01035	ND	1.00		µg/L	1	R8305	04/16/2001
Copper	01040	2.55	2.00		µg/L	1	R8305	04/16/2001
Lead	01049	ND	1.00		µg/L	1	R8305	04/16/2001
Lithium	01130	18.6	2.00		µg/L	1	R8305	04/16/2001
Manganese	01056	7.44	1.00		µg/L	1	R8305	04/16/2001
Molybdenum	01060	4.25	1.00		µg/L	1	R8305	04/16/2001
Nickel	01065	1.53	1.00		µg/L	1	R8305	04/16/2001
Selenium	01145	ND	4.00		µg/L	1	R8305	04/16/2001
Thallium	01057	ND	1.00		µg/L	1	R8305	04/16/2001
Vanadium	01085	ND	1.00		µg/L	1	R8305	04/16/2001
Zinc	01090	4.19	4.00		µg/L	1	R8305	04/16/2001
DISSOLVED ANIONS BY ION CHROMATOGRAPH E300								Analyst: **AMJ**
Bromide Dissolved	71870	0.210	0.0200		mg/L	1	R8387	04/24/2001
Chloride Dissolved	00941	53.7	1.00		mg/L	1	R8387	04/24/2001
Fluoride Dissolved	00950	0.552	0.0100		mg/L	1	R8387	04/24/2001
Sulfate Dissolved	00946	ND	1.00		mg/L	1	R8387	04/24/2001
ALKALINITY			**M2320 B**					Analyst: **WM**

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

LCRA Environmental Laboratory Services

Date: *30-Apr-01*

CLIENT: Texas Water Development Board
Client Sample ID: 65-13-904
Lab Order: 0104059 **COC ID:** 15789
Project: TWDB 00-01
Collection Date: 04/03/2001 2:00:00 PM
Lab ID: 0104059-05
Matrix: GROUNDWATER

Analyses	Storet	Result	PQL	Qual	Units	DF	QC Batch	Date Analyzed
Alkalinity, Phenolphthalein	00415	ND	0		mg/L CaCO3	1	R8246	04/11/2001
Alkalinity, Total (As CaCO3)	00410	241	2.00		mg/L CaCO3	1	R8246	04/11/2001
CATION/ANION BALANCE			**CALCULATION**					Analyst: **AMJ**
Cation/Anion Balance	00000	Balanced	0		Date	1	R8413	04/26/2001
NITRATE AND NITRITE			**E353.2**					Analyst: **CL**
Nitrogen, Nitrate & Nitrite	00631	ND	0.0200		mg/L	1	R8344C	04/19/2001
GROSS ALPHA, GROSS BETA			**RADIOCHEM**					Analyst: **SB**
ALPHA, Gross	01503	1.6	0		pci/L	1	R8382	04/16/2001
BETA, Gross	03503	2.8	0		pci/L	1	R8382	04/16/2001
SILICA			**E370.1**					Analyst: **CL**
Silica, Dissolved (as SiO2)	00955	18.0	0.500		mg/L	1	R8290C	04/16/2001

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

County Harris Lat. 29°46'01" Long. 95°22'58"

Date Apr. 26, 1949 Well No. LJ-65-13-904

Aquifer Gulf Coast sands Pre-Test Water Level 254.28

Discharge 2,435 Specific Capacity

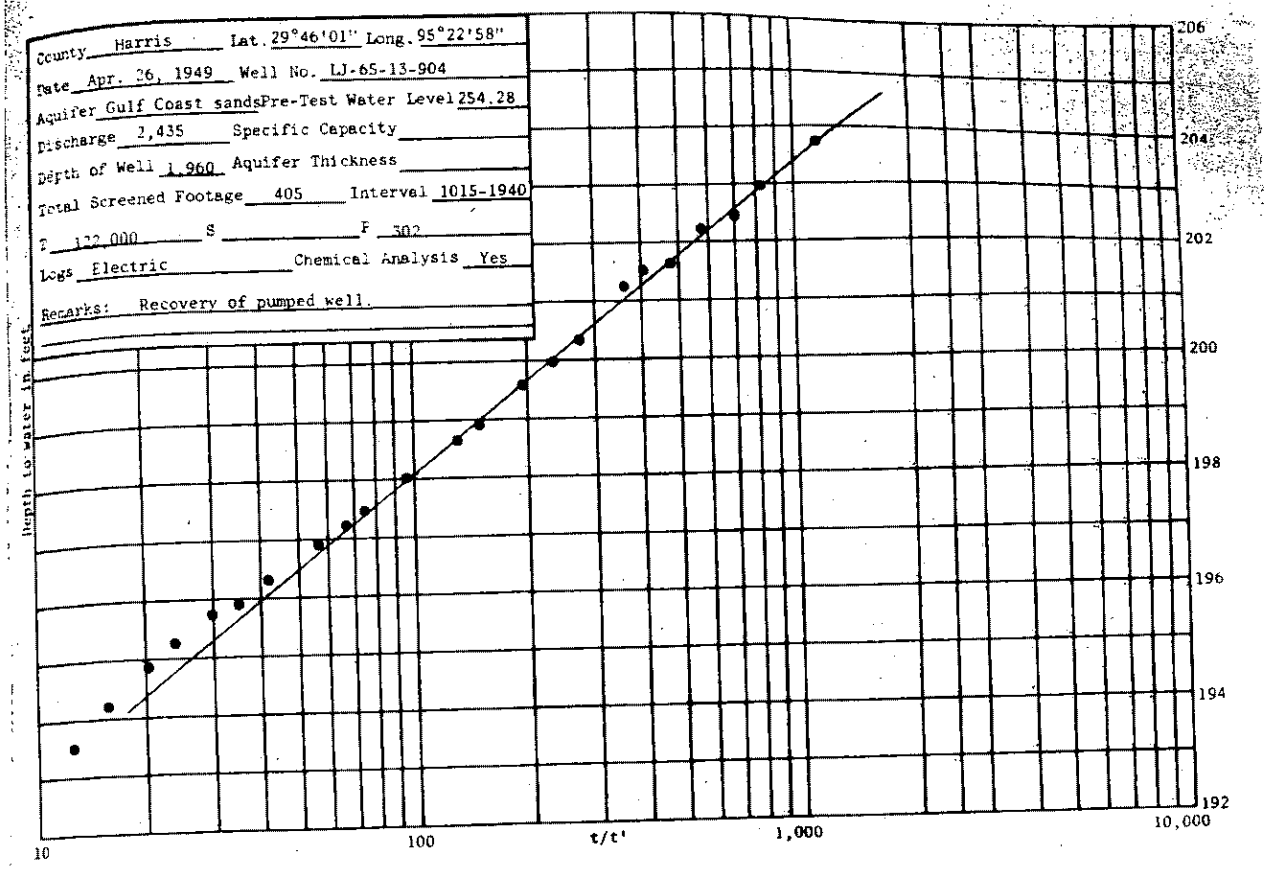
Depth of Well 1,960 Aquifer Thickness

Total Screened Footage 405 Interval 1015-1940

T 122,000 S P 302

Logs Electric Chemical Analysis Yes

Remarks: Recovery of pumped well.



ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: ESSEX II APARTMENTS LTD. ADDRESS: 4000 ESSEX LANE CITY: HOUSTON STATE: TX ZIP: 77027-

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-21-02
Street or RFD: (SAME AS ABOVE) THE GAEL APARTMENTS REF: GROSS BUILDERS STATE WELL # 7404
City, State, Zip code: HOUSTON , TX 77027-

5)

3) TYPE OF WORK: NEW WELL
4) PROPOSED USE: IRRIGATION
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 00351

DATE DRILLING:
STARTED: 05/19/99
COMPLETED: 07/19/99

DIAMETER OF HOLE

DIAMETER	FROM	TO
7.75	-0-	400
4.75	400	425

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: TWO-STRING
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

N^

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	PVC WELL CASING	+2	400	SDR-17
2.5	N	PVC BLANK PIPE	393	403	SCH 80
2.5	N	STAINLESS ROD BASE	403	413	8 GA
2.5	N	STAINLESS ROD BASE	413	423	10 GA
2.5	N	NIP W/BACKWASH VALVE	423	425	SCH 80

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	40	BLACK TOPSOIL, RED & WHITE CLAY ROCK
40	80	ROCK SAND RED CLAY
80	140	RED CLAY, SAND, SAND CLAY SAND WHITE CLAY
140	200	SAND CLAY SAND CLAY,SAND,CLAY,SAND
200	260	CLAY SAND CLAY,SAND,CLAY,SAND
260	300	SAND,CLAY SAND,CLAY
300	320	SAND
320	350	CLAY, SAND, CLAY
350	370	SAND
370	375	CLAY
375	425	SAND SAND SAND

9) CEMENTING DATA:

Cemented from		No. of Sacks Used
400 FT.	TO 100 FT.	15
-0- FT.	TO 20 FT.	10

Method used: HALLIBURTON METHOD
Cemented by: GDI LOWER PRESSURED
Distance to septic field lines: n/a ft.
Method of verification of above distance:
NONE TO INSTALL

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 213 FT. DATE: 05/25/99
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE BP-SEAL DEPTH 393

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 320

14) WELL TEST:
JETTED
YIELD: 100 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 50 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: GEOPHYSICAL DRILLING,INC. WATER WELL DRILLER'S LICENSE NO.: 2888WI
ADDRESS: P.O. BOX 664 CITY: FULSHEAR STATE: TX ZIP CODE: 77441

FOR TWC USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ~~ITEMS 1 THRU 15~~ WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Greg D. Hill (LICENSED WATER WELL DRILLER)

(signed) _____ (REGISTERED DRILLER TRAINEE)

SEQ #
EMP #
COMMENT

48 20124051

STATE OF TEXAS WATER WELL REPORT

1) OWNER: TYNES SPARKS BLDING CORP. ADDRESS: 1505 HADDON STREET CITY: HOUSTON STATE: TX ZIP: 77006-
2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00414

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.0	0	493
4.75	493	514

7) BOREHOLE METHOD:
TWO STRING/K-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 02/12/91

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	493		CASING
3.0	N	P.V.C. SCH.80	483	493		LINER
3.0	N	STAINLESS - ROD BASE	493	514		.012

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	4	SOIL
4	30	SAND-TAN-FINE
30	46	CLAY-RED
46	59	SAND-TAN-FINE
59	122	CLAY-RED
122	138	SAND-TAN-FINE
138	210	CLAY-RED
210	218	SAND-TAN-FINE
218	244	CLAY-RED
244	256	SAND-TAN-FINE
256	275	SAND-TAN-FINE
275	344	CLAY / SAND STREAKS
344	352	SAND-TAN-FINE
352	359	GRAVEL
359	361	ROCK

RECEIVED
MAY 21 1992
TEXAS WATER WELL DRILLERS BOARD

9) CEMENTING DATA:
Cemented from 0 FT. TO 493 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS

10) SURFACE COMPLETION:
APP. AFTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 255 FT. DATE: 02/15/91
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 336

14) WELL TEST:
JETTED
YIELD: 70 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 514 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY
WELL NO.
LOCATED ON MAP 65-13-8

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

Signed: (LICENSED WATER WELL DRILLER) Signed: (REGISTERED DRILLER TRAINEE)

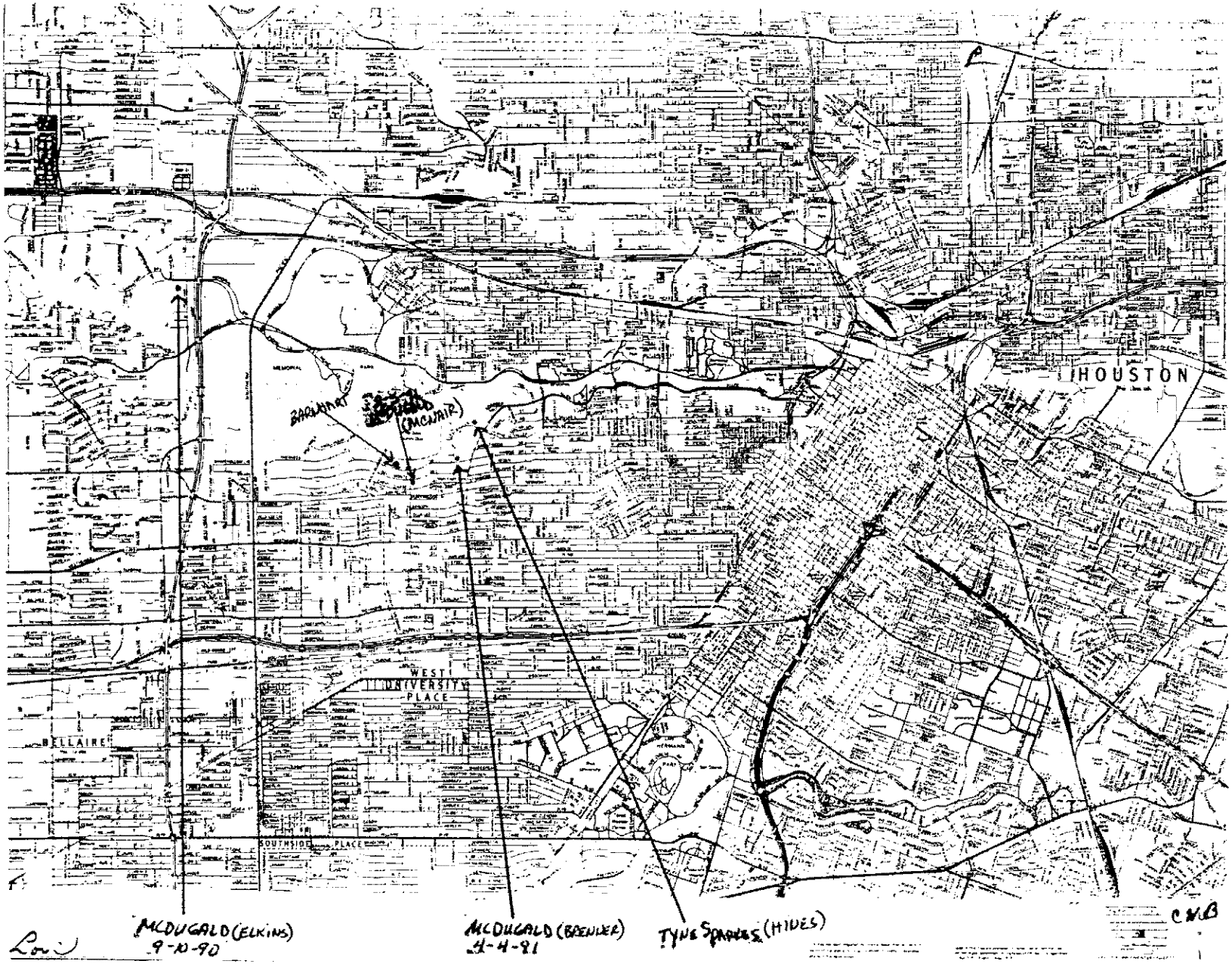
Cove 4820107614

STATE OF TEXAS WATER WELL REPORT (PAGE 2)

OWNER: TYNES SPARKS BLDING CORP. ADDRESS: 1505 HADDON STREET CITY: HOUSTON STATE: TX ZIP: 77006-

361	383	SAND-TAN-FINE
383	415	SHALE
415	420	SAND-TAN-FINE
420	422	CLAY-RED
422	428	SAND-TAN-FINE
428	434	CLAY-RED
434	443	SAND-TAN-FINE
443	494	SHALE
494	514	SAND-TAN-.010-.012

CWB


HOUSTON
WEST UNIVERSITY PLACE
BELLAIRE
SOUTHSIDE PLACE
(MCNAIR)
MCDUGALD (ELKINS) 9-10-90
MCDUGALD (BRENNER) 4-4-91
TYNE SPRINGS (HIDES)
CMB

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-202

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513202
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.854167
Latitude (degrees minutes seconds)	29° 51' 15" N
Longitude (decimal degrees)	-95.4375
Longitude (degrees minutes seconds)	095° 26' 15" W
Coordinate Source	Center of 2.5 Minute Quadrangle
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	87
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	237
Well Depth Source	Driller's Log
Drilling Start Date	
Drilling End Date	2/10/1957
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Public Supply
Water Level Observation	None
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Aid Utility Co.
Driller	Lowry Water Wells
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	U.S. Geological Survey
Created Date	4/17/2007
Last Update Date	4/17/2007

Remarks	

Casing - No Data

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements

No Data Available

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-201

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513201
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.854167
Latitude (degrees minutes seconds)	29° 51' 15" N
Longitude (decimal degrees)	-95.4375
Longitude (degrees minutes seconds)	095° 26' 15" W
Coordinate Source	Center of 2.5 Minute Quadrangle
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	88
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	357
Well Depth Source	Driller's Log
Drilling Start Date	
Drilling End Date	0/0/1955
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Public Supply
Water Level Observation	None
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Aid Utility Co.
Driller	Lowry Water Wells
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	U.S. Geological Survey
Created Date	4/17/2007
Last Update Date	4/17/2007

Remarks	

Casing - No Data

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements

No Data Available

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

OOER V1

Please use black ink.
Send original copy by certified mail to the
Texas Water Commission
P.O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Kenneth Bagwell (Name) Address 216 E. Burress (Street or RFD) Houston, Tx. (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 8 miles in N (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ See attached map.

3) TYPE OF WORK (Check): X☐ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): X☐ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven X☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 7/1/86 19__ Completed _____ 19__

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6-3/4	Surface	380

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed X☐ Other 2 string cemented
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	17	Clay
17	50	Sand
50	120	Clay
120	190	Sand
190	220	Clay
220	270	Sand
270	310	Clay
310	320	Sand
320	360	Clay
360	380	Sand

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4"	N	PVC Casing	0	360	Sch.
2½"	N	Blank Liner	350	370	40
2½"	N	PVC Slotted Screen	370	380	.012

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from top ft. bottom ft. No. of Sacks Used 26
_____ ft. to _____ ft. No. of Sacks Used _____
Method used Halliburton
Cemented by Robinson Water Well

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 250 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type K Depth 350

13) TYPE PUMP: 1½HP #252
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 300 ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes X☐ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? potable Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

RECEIVED
AUG 22 1988
TEXAS WATER COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Robinson Water Well Service, Inc. (Type or Print) Water Well Driller's License No. 1454

ADDRESS 11607 FM 149 (Street or RFD) Houston, (City) Tx. (State) 77086 (Zip)

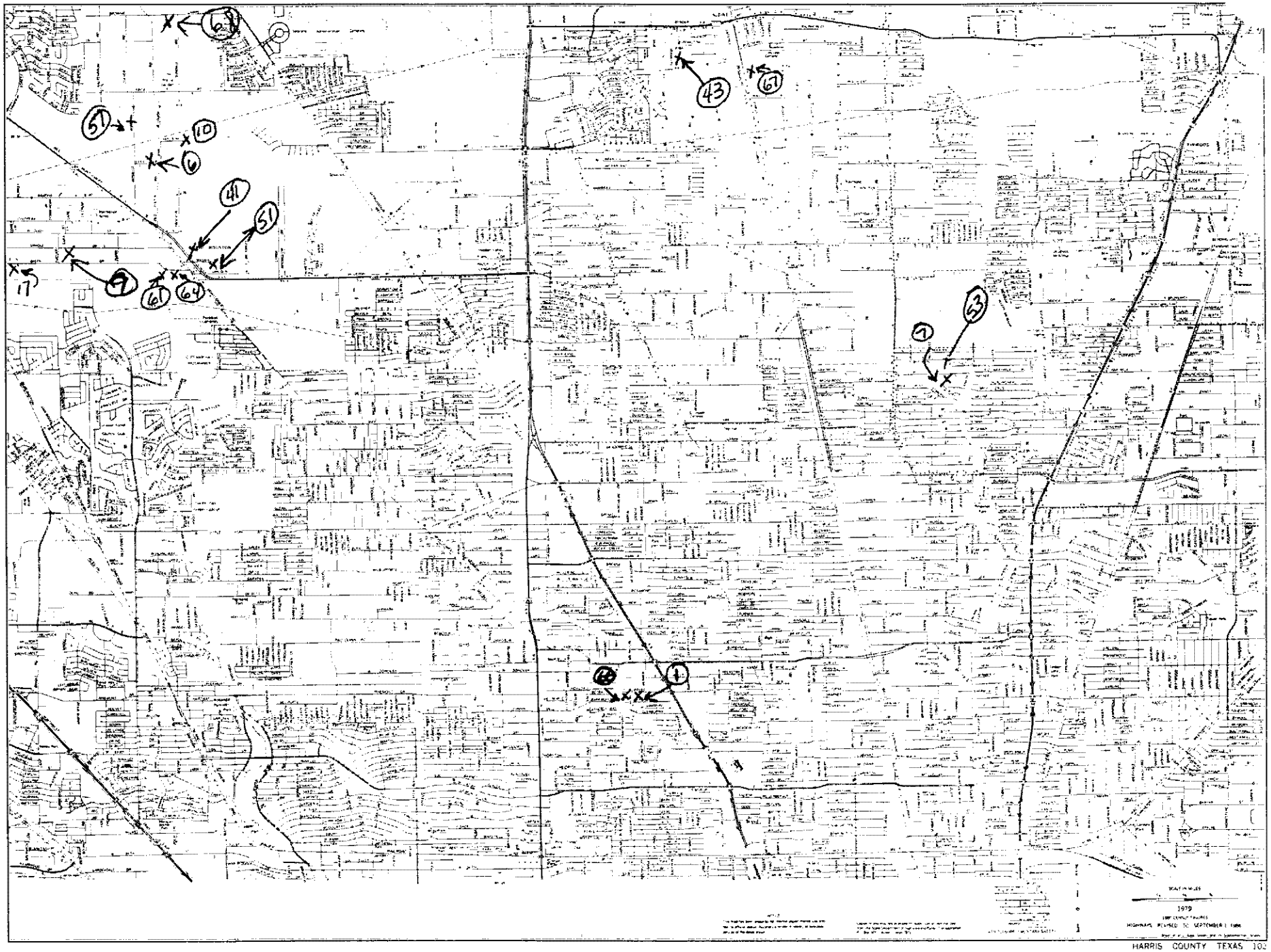
(Signed) M. E. Robinson Jr. (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 65/13-3
Located on map _____

WWD-012 (Rev 01-28-87) TEXAS WATER COMMISSION COPY

4820110 13


68
51
10
6
41
51
9
61
64
17
43
61
53
7
1
1979
HIGHWAYS REVISED TO SEPTEMBER 1, 1986

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
TREE EXPERTS, INC.	213½ E. BURESS	HOUSTON	TX.	77022

2) WELL LOCATION

County	Physical Address	City	State	Zip
HARRIS	SAME			

Lat. | Long. | Grid # 65-13-3

3) Type of Work ☒ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply COMM. If Public Supply well, were plans submitted? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 4 / 4 / 01
Completed 4 / 5 / 01

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
6 3/4	0	400

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

0-35	CLAY
35-60	SAND
60-110	CLAY
110-210	SAND
210-220	CLAY
220-265	SAND
265-280	CLAY
280-310	SAND
310-340	CLAY
340-400	SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other 2 STRING
If Gravel Packed give the interval from ft. to ft.

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial		Setting (ft) From	Setting (ft) To	Gage Casing Screen
4	N	PVC	CASING	0	380	
2.5	"	"	LINER	370	380	
"	"	"	SCREEN	380	400	.012

9) Cementing Data
Cementing from 0 ft. to 380 ft. # of sacks used 20
0 ft. to 10 ft. # of sacks used 10
Method Used HALLIBURTON
Cementing By SDI
Distance to septic system field or other concentrated contamination ___ ft.
Method of verification of above distance CITY SEWER

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion
☐ Specified Surface Slab Installed
☒ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

RECEIVED MAY 8 2001 EMP

14) Type Pump
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc., 280 ft.

11) Water Level
Static level 230 ft. below Date 4 / 5 / 01
Artesian Flow ___ gpm. Date / /

15) Water Test
Typetest ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 60 + gpm with ___ ft. drawdown after ___ hrs.

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☒ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water ___ Depth of Strata ___
Was a chemical analysis made ☐ Yes ☒ No

12) Packers

Type	Depth
K-PACKER	370

Company or individual's Name (type or print)	SCOTT DRILLING, INC.	Lic. No. 4839 WI
Address 11915 GREEN PINE CIRCLE	City HOUSTON	State TX. Zip 77066

Signature (Licensed Driller/Pump Installer)	Date	Signature (Apprentice)	Date
Scott Robinson	5/8/01	J. D. Gonzales	5/8/01

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-3E
Located on map
Received: 76

1) OWNER:
Person having well drilled Mr. Ryman (Name) Address 205 Leago; Houston, Texas 77022 (Street or RFD) (City) (State)

Landowner same (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris, miles in (N.E., S.W., etc.) direction from (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

See Reverse Side

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor League

Block Survey

Abstract No.

(NW¼ NE¼ SW¼ SE¼) of Section

3) TYPE OF WORK (Check): New Well, Deepening, X Reconditioning, Plugging

4) PROPOSED USE (Check): Domestic, Industrial, Municipal, X Irrigation, Test Well, Other

5) TYPE OF WELL (Check): Rotary, Driven, Dug, XX Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 4 in. Depth drilled 204 ft. Depth of completed well 204 ft. Date drilled 7-12-76

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0 -	24	Red and Yellow Clay
24 -	48	Clay
48 -	72	Clay
72 -	96	Clay & Sand
96 -	120	Sand
120 -	144	Sand & Clay
144 -	168	Clay
168 -	192	Clay & Sand
192 -	204	Sand

(Use reverse side if necessary)

9) Casing:
Type: Old, New, XX Steel, Plastic, Other
Cemented from ft. to ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
			12xgauge

10) SCREEN:
Type Stainless Steel Rodbase
Perforated XX Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
	199'	204'	12 gauge
2 ½" Blank	183'	199'	

7) COMPLETION (Check): Straight wall, Gravel packed, Other, XX Under reamed, Open Hole

8) WATER LEVEL:
Static level 124' ft. below land surface Date 7-12-76
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No XX If yes, by whom?
Yield: gpm with ft. drawdown after hrs.
Bailer test gpm with ft. drawdown after hrs.
Artesian flow gpm
Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes No XX
Did any strata contain undesirable water? Yes No
Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME R. B. Lowry (Type or Print) Water Well Drillers Registration No. 146

ADDRESS 4012 Fulton St. P. O. Box 8707 Houston, TX 77009 (Street or RFD) (City) (State)

(Signed) R. B. Lowry (Water Well Driller) Lowry Water Wells (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

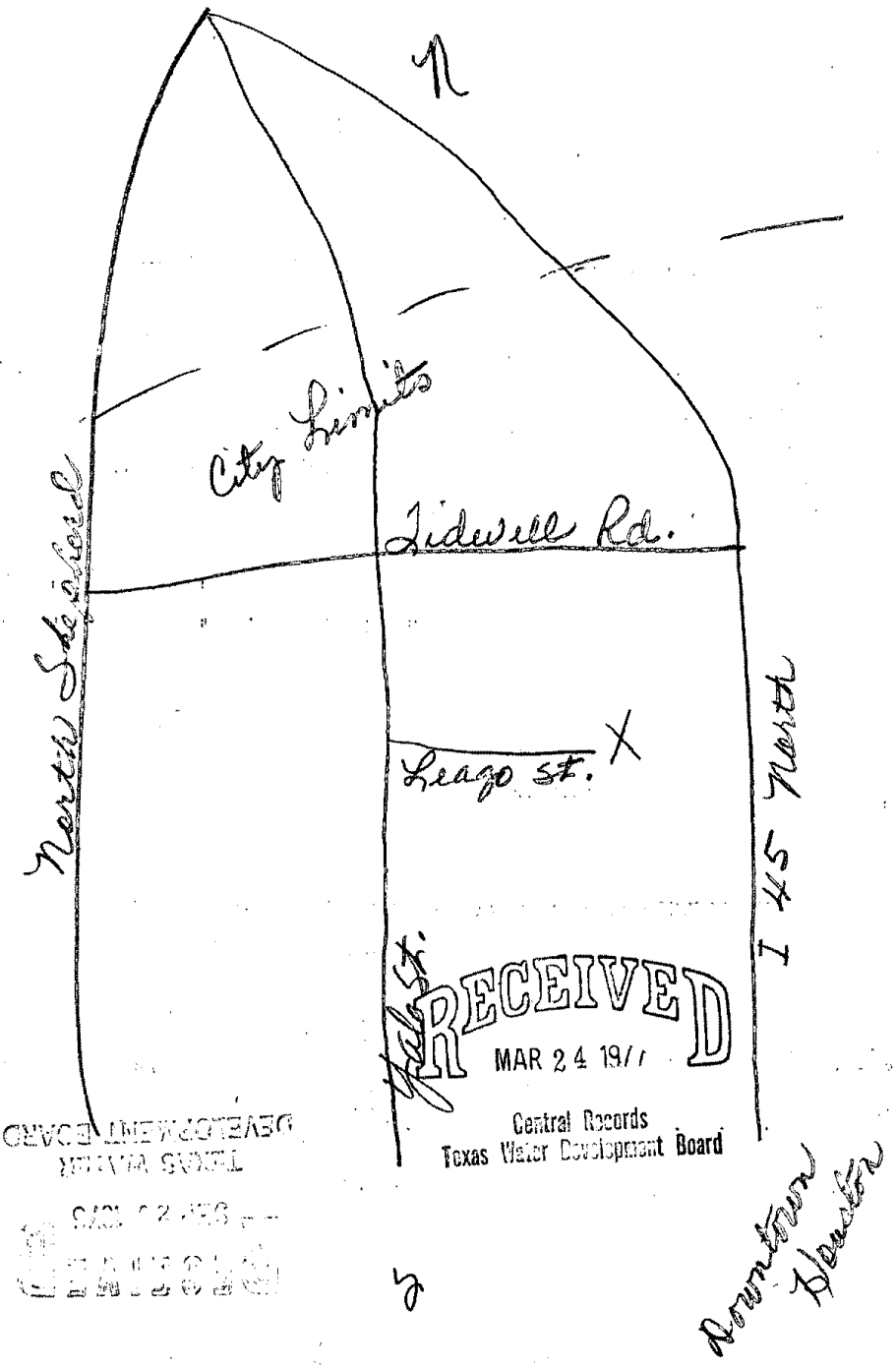
2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area, e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.



RECEIVED
MAR 24 1971
Central Records
Texas Water Development Board

KM453E

V 66

Please use black ink.
Send original copy by certified mail to the
Texas Water Commission
P.O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER B. C. Dowell (Name) Address 208 E. Burress (Street or RFD) Houston, Texas (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 6 miles in N (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ See attached map. on 65-13-3

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 7-15 19 88 Completed 7-18 19 88

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	540'

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other 2 string cemented
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0-2	top soil	
2-12	clay	
12-30	sand	
30-66	clay	
66-96	sand	
96-195	shale	
195-230	clay	
230-270	sand	
270-315	shale	
315-360	sand	
360-410	shale	
410-440	sand	
440-490	~~sand~~ shale	
490-510	sand	
510-520	shale	
520-540	sand	

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	PVC Casing	0	527	S-40
2½	N	PVC Liner	520	530	S-40
2½	N	PVC Screen	530	540	.012

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 527- ft. to 247 ft. No. of Sacks Used 14
0 ft. to 15 ft. No. of Sacks Used 3
Method used Halliburton
Cemented by RWW

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☒ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 285 ft. below land surface Date 7-18-88
Artesian flow _____ gpm. Date _____

12) PACKERS: Type K Depth 520'

13) TYPE PUMP: 2 H P
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 420 ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

RECEIVED
AUG 22 1988
TEXAS WATER COMMISSION

(Use reverse side if necessary)

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Robnison Water Well Serv. Inc. (Type or Print) Water Well Driller's License No 2212

ADDRESS 11607 FM 149 Houston, Texas 77086 (Street or RFD) (City) (State) (Zip)

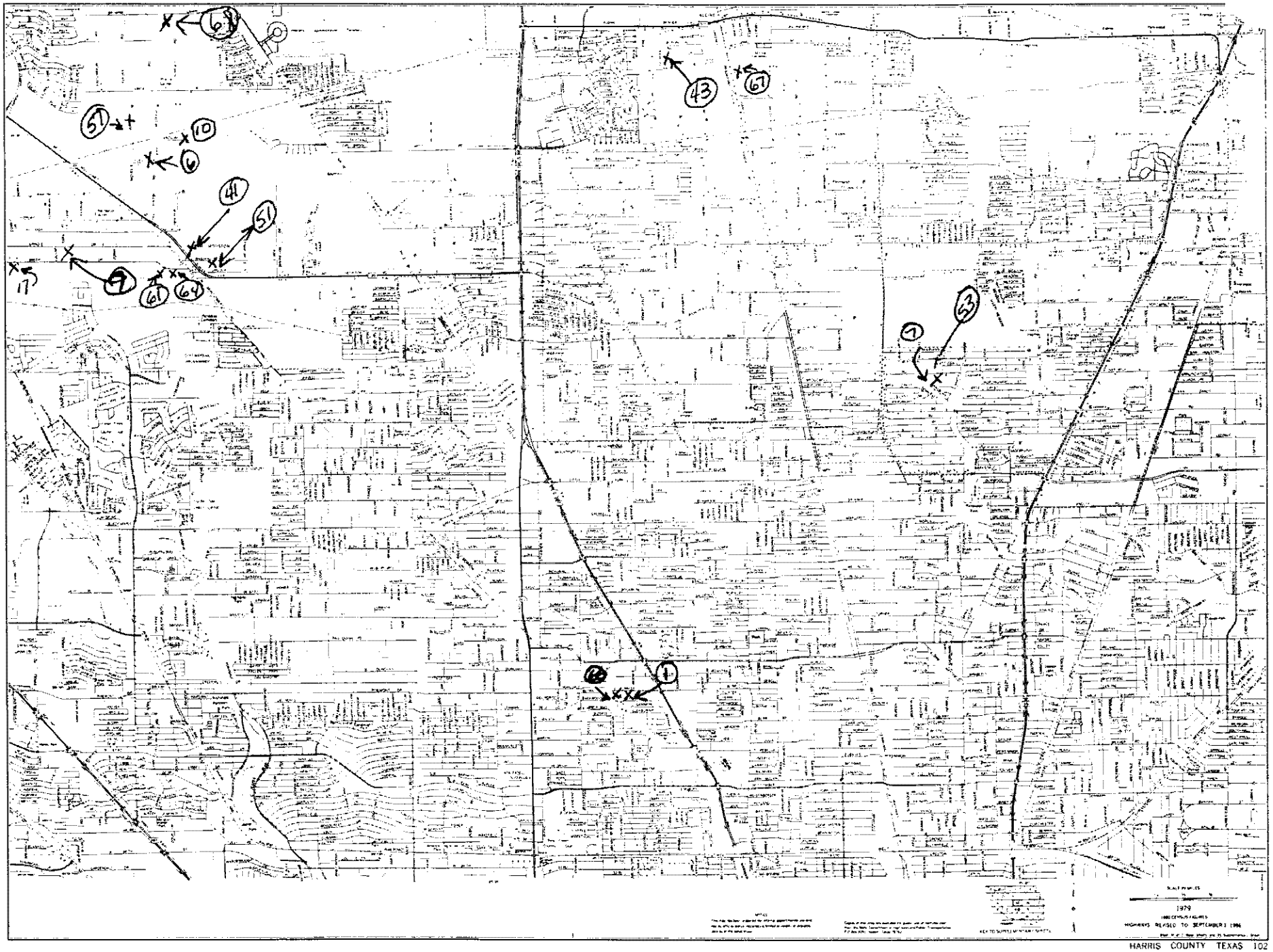
(Signed) Tim Rol (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 65-13-3
Located on map _____

D-012 (Rev 01-28-87) TEXAS WATER COMMISSION COPY

4820110001


1979
HIGHWAYS REVISED TO SEPTEMBER 1 1976

Send original copy by certified return receipt requested mail TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER ST. JOHN'S SCHOOL (Name) ADDRESS 2401 CLAREMONT LANE HOUSTON, TEXAS 77019- (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL: County HARRIS 2401 CLAREMONT HOUSTON, TX. (Street, RFD or other) (City) (State) (Zip) GRID # 65-21-2

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [ ] Domestic [ ] Industrial [X] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) N

6) WELL LOG:
Date Drilling:
Started 1/28 19 97
Completed 1/31 19 97

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8 3/4	Surface	490
5 3/4	490	510

7) DRILLING METHOD (Check): [ ] Driven [ ] Air Rotary [X] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

From (ft.)	To (ft.)	Description and color of formation material
0	17	TOP SOIL & CLAY
17	25	SURFACE SAND
25	135	CLAY
135	157	SAND
157	232	CLAY
232	256	SAND
256	335	CLAY
335	385	SAND
385	390	CLAY
390	400	SAND & ROCK
400	425	SANDY CLAY
425	435	SAND
435	445	CLAY
445	460	SAND
460	466	CLAY

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): [ ] Open Hole [X] Straight Wall [ ] Underreamed [ ] Gravel Packed [ ] Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
6	N	BLACK STEEL WELD IN	0	490	
4	N	GALVANIZED	480	490	
4	N	S.S.R.B.	490	510	.014

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 15 ft. No. of sacks used 10
440 ft. to 490 ft. No. of sacks used 3
Method used HALLIBURTON/TRIMME
Cemented by BUSSELL & SON, INC.
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed [Rule 338.44(2)(A)]
[X] Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
[ ] Pitless Adapter Used [Rule 338.44(3)(b)]
[ ] Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL:
Static level 219 ft. below land surface Date 1/31/97
Artesian flow ____ gpm. Date ____

12) PACKERS: Type Depth
(2) TWO K-PACKERS 4X6 480

13) TYPE PUMP:
[ ] Turbine [ ] Jet [X] Submersible [ ] Cylinder
[ ] Other
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [X] Jetted [ ] Estimated
Yield: 300 gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? [ ] Yes [X] No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME BUSSELL & SON, INC. (Type or print) WELL DRILLER'S LICENSE NO. 2035

ADDRESS P.O. BOX 874 (Street or RFD) TOMBALL (City) TEXAS (State) 77377-0874 (Zip)

(Signed) Craig Bussell (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 05-21-96) *White - TNRCC Yellow - DRILLER Pink - WELL OWNER*

#24

65-13-34

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No.
Located on map
Received:

1) OWNER:
Person having well drilled Jimmy Hull Drilling (Name) Address 5523 Lauder Hou Tex (Street or RFD) (City) (State)
Landowner Jo Ann Julke (Name) Address 301 W Tidwell Hou Tex (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County _____, _____ miles in _____ direction from _____ (N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check): Domestic, Industrial, Municipal, Irrigation, Test Well, Other

5) TYPE OF WELL (Check): Rotary, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 6 3/4 in. Depth drilled 400 ft. Depth of completed well 476 ft. Date drilled 3/24/71
All measurements made from +1 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	44	Red Clay
44	51	Red Sand
51	102	Red + Orang Clay
102	164	White Clay
164	189	White Sand
189	336	White Clay
336	379	White Sand 14 ga
379	401	White Clay
401	411	White Sand 14 ga
411	420	White Clay
420	431	White Sand 18 ga
431	454	Clay White + Blue
454	476	White Sand 14 ga

(Use reverse side if necessary)

7) COMPLETION (Check): Straight wall, Gravel packed, Other, Under reamed, Open hole

8) WATER LEVEL:
Static Level 189 ft. below land surface Date 3/27/71
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 315 ft. below land surface.

9) Casing:
Type: Old, New, Steel, Plastic, Other
Cemented from 400 ft. to 0 ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4	+1	400	8 lb/ft

10) SCREEN:
Type Stainless Steel
Perforated, Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2 1/2	456	476	14 ga

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom? Raymond White Well
Yield 55 gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME C A Raymond Jr (Type or Print) Water Well Drillers Registration No. 774
ADDRESS 132 Raymac (Street or RFD) Houston (City) Texas (State)
(Signed) C A Raymond Jr. (Water Well Driller) Raymond White Wells (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-CW-53

4820110980

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-303

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

-0-

MASTER CARD

Record by McAdoo Kostelt Sokiysch 1961 — Source of data File — Date 2-15-68 — Map Houston Heights 1955 1:24000

State Texas [48] — County (or town) Harris [LJ]

Latitude: 29 50 48 N — Longitude: 095 24 08 — Sequential number: 1

Lat-long accuracy: 1 — T. ____ S, R ____ W, Sec ____, ____ k, ____ k, ____ k

Local well number: LJ-65-13-303 — Other number: #13 B & M

Local use: ____ — Owner or name: City of Houston

Owner or name: CITY OF HOUSTON — Address: Heights Plant.

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — M

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mnd, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — P

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed — W

DATA AVAILABLE: Well data I — Freq. W/L meas.: 1950– Annual S — Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 1-25-50 I — Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: E-Log (0-2783) T-5 E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 1820 ft 1820 Meas. (Rep) Driller accuracy 3

Depth cased (first perf.): 890 ft 890 — Casing type: S ; Diam. 24-12 in 24

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other — G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other — H

Date Drilled: 10-31-49 — 949 — Pump intake setting: ____ ft

Driller: Texas Water Wells, Inc. (name) Houston, Texas (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other — T — Deep (D) Shallow

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. ____ — Trans. or meter no.

Descrip. MP Top of Pipe + 3.75 ft above (below) LSD. Alt. MP

Alt. LSD: 75 — 75 — Accuracy (source): Tape 5' — 3

Water Level 118.43 ft above (below) MP; Ft above below LSD — 115 — Accuracy: Meas. — A

Date meas: 1-21-50 — 150 — Yield: 2610 gpm — 2610 — Method determined — 4

P/L: 229

Drawdown: 111 ft — 111 — Accuracy: Meas. — 0 — Pumping period 96 hrs — 96

QUALITY OF WATER DATA: Iron ____ ppm — Sulfate ____ ppm — Chloride ____ ppm — Hard. ____ ppm

Sp. Conduct ____ K x 10^6 — Temp. ____ °F — Date sampled

Taste, color, etc.

Well No. LJ-65-13-303

Well No. LJ-65-13-303

Latitude-longitude 29 d, 50 m, 46 s, 095 d, 24 m, 08.1 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: Coastal Plain 03 (20–21) Section: _____

F (22) Drainage Basin: _____ 51 12 (23–25) Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series, T (28–29) _____ aquifer, formation, group, E (30–31)

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: 370 ft 390 (38–40) Depth to top of: _____ ft (41–43)

MINOR AQUIFER: _____ system, _____ series (44–45) _____ aquifer, formation, group (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: * 890 – 1800

Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

Coefficient Trans: _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)

* Screen

890-920 30
950-1020 70
1075-1130 55
1170-1185 15
1230-1295 65
1310-1335 25
1490-1520 30
1530-1570 40
1650-1670 20
1760-1800 40

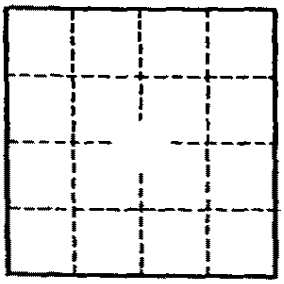
TD: 1820

Drill stem test from:

1800-1818' - Cl - 205 ppm
2520-2562' - Cl - 1080 ppm
1962-2004' - Cl - 478 ppm

Csg.

0-610 24"
410-1820 12"



Well No. LJ-65-13-303

GPO 857-700

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

Name	Address	City	State	Zip
Danny Claes	2815 Bammel	Houston	TX	77098

County	Physical Address	City	State	Zip
Harris				

Lat. | | | Long. | | | Grid # 65-21-2

3) Type of Work
☒ New Well ☐ Deepening
☐ Reconditioning

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic
☐ Industrial ☒ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 8/22/01
Completed 8/22/01

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
7	surface	70

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☒ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☐ Other

From (ft)	To (ft)	Description and color of formation material
0	14	clay
14	18	sand
18	35	clay
35	39	Rock + shale
39	43	sand
43	45	clay
45	69	sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☐ Other
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
4	N	Casing PVC	0	50	sch 40
4	N	Screen PVC	50	60	.006

9) Cementing Data
Cementing from 50 ft. to surface ft. # of sacks used 8
ft. to ft. # of sacks used
Method Used Pressure
Cementing By Raymond Services, Inc.
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance ~~Customer~~

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion
☐ Specified Surface Slab Installed
☒ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc., ft.

11) Water Level
Static level 18 ft. below Date 8/22/01
Artesian Flow gpm. Date / /

15) Water Test
Typetest ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

12) Packers Type Depth

16) Water Quality
Did you knowingly penetrate and strata which contain undesirable constituents.
☐ YES ☒ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made ☐ Yes ☐ No

Company or individual's Name (type or print)	Raymond Services, Inc. 4577WI		
Address 10011 Airline Drive	City Houston	State TX	Zip 77037
Signature	/ /	Signature	8/22/01

TDLR FORM 001WWD *White - TDLR* *Yellow - Owner* *Pink - Driller/Pump Installer* 4820126444

4N

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 6[illegible] 11N
Located on map
Received:

1) OWNER:
Person having well drilled HANS O. JAHNS (Name) Address 8840 LARSTON (Street or RFD) HOUSTON TEXAS (State)

Landowner " (Name) " Address " (Street or RFD) " (City) " (State)

2) LOCATION OF WELL:
County HARRIS, 10 miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

KATY FWY

LARSTON

North

(Use reverse side if necessary)

#2

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic ✓ Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 3/4 in. Depth drilled 48 ft. Depth of completed well 47 ft. Date drilled 7-20-74

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOP SOIL
2	20	GRAY CLAY
20	36	SAND
36	38	ROCK
38	48	SAND

(Use reverse side if necessary)

9) Casing:
Type: Old ✓ New Steel Plastic ✓ Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4	0	39	SCH 40

10) SCREEN:
Type PLASTIC
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
4	39	47	12

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 15 ft. below land surface Date 7-20-74
Artesian pressure ___ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 39 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B. LUMPKIN JR (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 7507 JANAK (Street or RFD) HOUSTON (City) TEXAS (State)

(Signed) John B. Lumpkin Jr (Water Well Driller) LONG POINT WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDB-WO-8

4P2011 0031

WL #81

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-13-3W
Located on map yes
Received: c.F.S.

1) OWNER Mr. Jessie Sharmon (Name) Address 4406 Airline Dr. (Street or RFD) Hou. (City) Tx. (State) 77093 (Zip)

2) LOCATION OF WELL: 4406 1/2 Airline County Harris miles in NORTH (N.E., S.W., etc.) direction from HOUSTON (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☐ See attached map. map on 65-05-9 RRR

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 1-18-83

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	365

From (ft.)	To (ft.)	Description and color of formation material
0	21	Top Soil + Clay
21	73	Surface SAND
73	245	CLAY
245	267	SAND (.020)
267	315	CLAY
315	350	SANDY Clay
350	365	SAND

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	P.V.C.	0	355	
2	N	Galv. Steel	345	355	
2	N	P.V.C.	355	365	.016

CEMENTING DATA
Cemented from 305 ft. to 355 ft.
Method used Haliburton
Cemented by Bussell & Son, Inc. (Company or Individual)

9) WATER LEVEL:
Static level 255 ft. below land surface Date 1-19-83
Artesian flow _____ gpm. Date _____

RECEIVED
SEP 12 1983
DEPT. OF WATER RESOURCES

10) PACKERS: Type Depth

11) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 294 ft.

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Craig O. Bussell (Type or Print) Water Well Drillers Registration No. 2035

ADDRESS P.O. Box 874 (Street or RFD) Tomball (City) Texas (State) 77375 (Zip)

(Signed) Craig Bussell (Water Well Driller) Bussell & Son, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

4820110995

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER LEE ELLIS (Name) ADDRESS 5701 STUEBNER AIRLINE HOU. TX. (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL: County HARRIS 5701 STUEBNER AIRLINE HOUSTON TX. (Street, RFD or other) (City) (State) (Zip) GRID # 65-05-8

3) TYPE OF WORK (Check): ☐ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☒ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N

6) WELL LOG:
Date Drilling: Started 09-12 19 96 Completed 09-14 19 96

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
7-7/8	Surface	520
4-7/8	520	580

7) DRILLING METHOD (Check): ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
		0-20 CLAY
		20-80 SAND
		80-120 ROCK, CLAY
		120-340 SAND
		340-380 CLAY, SHALE
		380-480 SAND
		480-510 CLAY
		510-580 SAND

(Use reverse side if necessary)

8) Borehole Completion (Check): ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☒ Other ~~2-STRING~~
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5"	N	PVC CASING	0	520	SDR17
2½	N	PVC LINER	490	520	SCH40
2½	N	PVC SCREEN	520	580	.012

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 520 ft. to 220 ft. No. of sacks used 26
0 ft. to 15 ft. No. of sacks used 14
Method used HALLIBURTON
Cemented by ROBINSON WATER WELL
Distance to septic system field lines or other concentrated contamination _____ ft.
Method of verification of above distance _____

10) SURFACE COMPLETION
☒ Specified Surface Slab Installed [Rule 338.44(2)(A)]
☐ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type K Depth 490

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

RECEIVED JUN 1997 NATURAL RESOURCE CONSERVATION COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME ROBINSON WATER WELL (Type or print) WELL DRILLER'S LICENSE NO. 1464

ADDRESS 11819 W. MONTGOMERY RD. HOUSTON TX.77086 (Street or RFD) (City) (State) (Zip)

(Signed) Rob Robinson B.L. (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

4820112716

TNRCC-0199 (Rev. 11-01-94) TNRCC COPY

(87)

Dup

Send original copy by certified mail to the Texas Water Development Board
P. O. Box 13087
Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-06-4T
Located on map
Received: 79

1) OWNER:
Person having well drilled Joe A Hopcus (Name) Address 560770 Montgomery Tx (Street or RFD) (City) (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL: Mozelle Rd
County Harris, 16 miles in N (N.E., S.W., etc.) direction from Houston (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

#87

Map on 65-16-45 North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well ✓ Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): Rotary ✓ Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6½ in. Depth drilled 270 ft. Depth of completed well 294 ft. Date drilled 2/3/78

All measurements made from 4 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	4	Top soil
4	270	Unconsolidated sandstone
270	294	Sand

(Use reverse side if necessary)

9) Casing:
Type: Old New ✓ Steel Plastic ✓ Other
Cemented from 220 ft. to 270 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	270	Sch 40

10) SCREEN: Type W/O
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2"	274	294	014+016ga

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 157 ft. below land surface Date 2/3/78
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 210 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No.
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy C Bussell (Type or Print) Water Well Drillers Registration No. 707

ADDRESS 9735 N. Houston-Rosslyn (Street or RFD) Houston (City) Tx (State)

(Signed) Tommy C. Bussell (Water Well Driller) Bussell & Son, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 60-
Located on map
Received:

1) OWNER ELDA FURLOW (Name) Address 5737 STEUBNER (Street or RFD) HOUSTON (City) Tex (State) 77049 (Zip)

2) LOCATION OF WELL: County HARRIS 17 miles in N (N.E., S.W., etc.) direction from HOUSTON (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 9-25-79

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4"	Surface	214

From (ft.)	To (ft.)	Description and color of formation material
0	24	Top soil
24	46	yellow sand
46	89	white sand
89	101	white clay
101	192	mix sand & gravel
192	214	Brown sand

(Use reverse side if necessary)

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4"	New	P.V.C.	0	204	
2 1/2	N	P.V.C. SLOTTED	204	214	12

CEMENTING DATA
Cemented from 0 ft. to 204 ft.
Method used PRESSURE
Cemented by THOMAS (Company or Individual)

9) WATER LEVEL:
Static level 76' ft. below land surface Date 9-26-79
Artesian flow 60 gpm. Date 9-26-79

10) PACKERS: Type K-PACKER Depth 200'

11) TYPE PUMP: ☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☒ Other NO PUMP
Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 60 gpm with 15 ft. drawdown after 1 hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

AUG 24 1981

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Thomas Bufkin (Type or Print) Water Well Drillers Registration No. 1944

ADDRESS 414 Busch (Street or RFD) HOUSTON (City) Texas (State) 77037 (Zip)

(Signed) Thomas Bufkin (Water Well Driller) Thomas Water Well Svc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR 0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

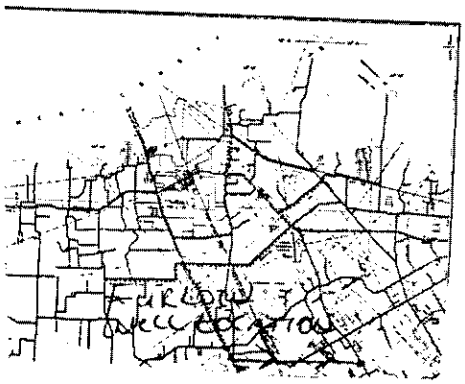
4820119190

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING PRIVILEGE OF CONFIDENTIALITY

The Water Well Drillers Board and the Department of Water Resources are concerned that some persons having water wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every registered water well driller drilling, deepening, or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within sixty (60) days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential. Please note that the term "Commission" in the above-quoted section and elsewhere in the Water Well Drillers Act now properly means the Texas Department of Water Resources (P. O. Box 13087; Austin, Texas 78711).



RECEIVED
AUG 29 1980
DEPT. OF
WATER RESOURCES

65-13-7H

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER Paul Rosenberg (Name) Address 7878 Club Creek #701 (Street or RFD) Houston (City) Tx. (State) 77036 (Zip)

2) LOCATION OF WELL: County Harris 6 1/2 miles in NW (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description: Section No. ____ Block No. ____ Township ____ Abstract No. ____ Survey Name ____ Distance and direction from two intersecting section or survey lines ____

XX See attached map. map on 65-29-2NW

3) TYPE OF WORK (Check): XX New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): XX Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other ____

5) DRILLING METHOD (Check): XX Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other ____

6) WELL LOG: Date drilled 8/2/82

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	293

7) BOREHOLE COMPLETION: ☐ Open Hole XX Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other ____ If Gravel Packed give interval . . . from ____ ft. to ____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil
3	44	Clay
44	55	Sand
55	76	Clay
76	112	Sand
112	172	Clay
172	197	Sand
197	205	Clay
205	229	Sand
229	260	Clay
260	293	Sand

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfr., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Steel	0	261	W.W.
2 1/2	N	PVC	253	273	80
2 1/2	N	Everflo	273	293	20

CEMENTING DATA: Cemented from 13 Sacks ft. to ____ ft. Method used Pressure Cemented by O'DAY DRILLING CO., INC. (Company or Individual)

9) WATER LEVEL: Static level 130 ft. below land surface Date 8/2/82 Artesian flow ____ gpm. Date ____

RECEIVED JUN - 8 1983 DEPT. OF WATER RESOURCES

10) PACKERS: Type Depth

11) TYPE PUMP: ☐ Turbine ☐ Jet XX Submersible ☐ Cylinder ☐ Other ____ Depth to pump bowls, cylinder, jet, etc., 230 ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer XX Jetted ☐ Estimated Yield: 50 gpm with ____ ft. drawdown after ____ hrs.

13) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes XX No If yes, submit "REPORT OF UNDESIRABLE WATER" Type of water? ____ Depth of strata ____ Was a chemical analysis made? ☐ Yes XX No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME O'DAY DRILLING CO., INC. (Type or Print) Water Well Driller's License No. P. O. Box 162

ADDRESS P. O. Box 162 (Street or RFD) Pearland (City) Tx. (State) 77581 (Zip)

(Signed) Orlen O'Day (Licensed Water Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only: Well No. 65-13-7H Located on map 29-C-F-S

TDWR-0392 (Rev. 5-27-82) DEPARTMENT OF WATER RESOURCES COPY

4820107583

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 941 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 07 Longitude - 95 22 47 Source of Coords -

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - General Dynamics Driller -

Address _____ Tenant/Oper. _____
Date Drilled - / /1960 Depth - 300 ft. Source of Depth - Altitude - 54 ft. Source of Alt. -
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User -

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- Y Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -
REMARKS -

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		

Aquifer - 112CHCT
Well No. - 65 13 941

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER Mr. K. L. Mikeell (Name) ADDRESS 1901 Hollister (Street or RFD) Hou (City) Tx. (State) (Zip)

2) LOCATION OF WELL: County Harris, 10 miles in W (NE, SW, etc.) direction from Houston (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:

Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____

Distance and direction from two intersecting section or survey lines _____

☑ SEE ATTACHED MAP on 65-04-4

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:

Date Drilling: Started 1-2 1990 Completed 1-4 1990

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	340
4 3/4	340	360

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other Two String

If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	35	Clay
35	40	Sand
40	200	Clay
200	220	Sand
220	260	Clay
260	280	Sand
280	340	Clay, rock
340	360	Sand

(Use reverse side if necessary)

RECEIVED MAR 1 1990 TEXAS WATER COMMISSION

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	N	PVC	0	340	40
2 3/8	N	Liner	330	350	40
2 3/8	N	Screen	350	360	.12

9) CEMENTING DATA [Rule 287.44(1)]

Cemented from 0 ft. to 25 ft. No. of Sacks Used 2

280 ft. to 340 ft. No. of Sacks Used _____

Method used Pressure

Cemented by CWW

10) SURFACE COMPLETION

☑ Specified Surface Slab Installed [Rule 287.44(2)(A)]

☐ Pitless Adapter Used [Rule 287.44(3)(B)]

☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:

Static level 210 ft. below land surface Date 1-4-90

Artesian flow _____ gpm. Date _____

12) PACKERS:

Type	Depth
4X2 1/2 K	330

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____

Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS: Type Test: ☑ Pump ☐ Bailer ☐ Jetted ☐ Estimated

Yield: 10 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:

Did the drilling penetrate any strata which contained undesirable constituents? ☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"

Type of water? Potable Depth of strata 20

Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Coastal Water Wells (Type or print) WELL DRILLER'S LICENSE NO. 842

ADDRESS PO Box 745 (Street or RFD) Porter (City) Tx (State) 77365 (Zip)

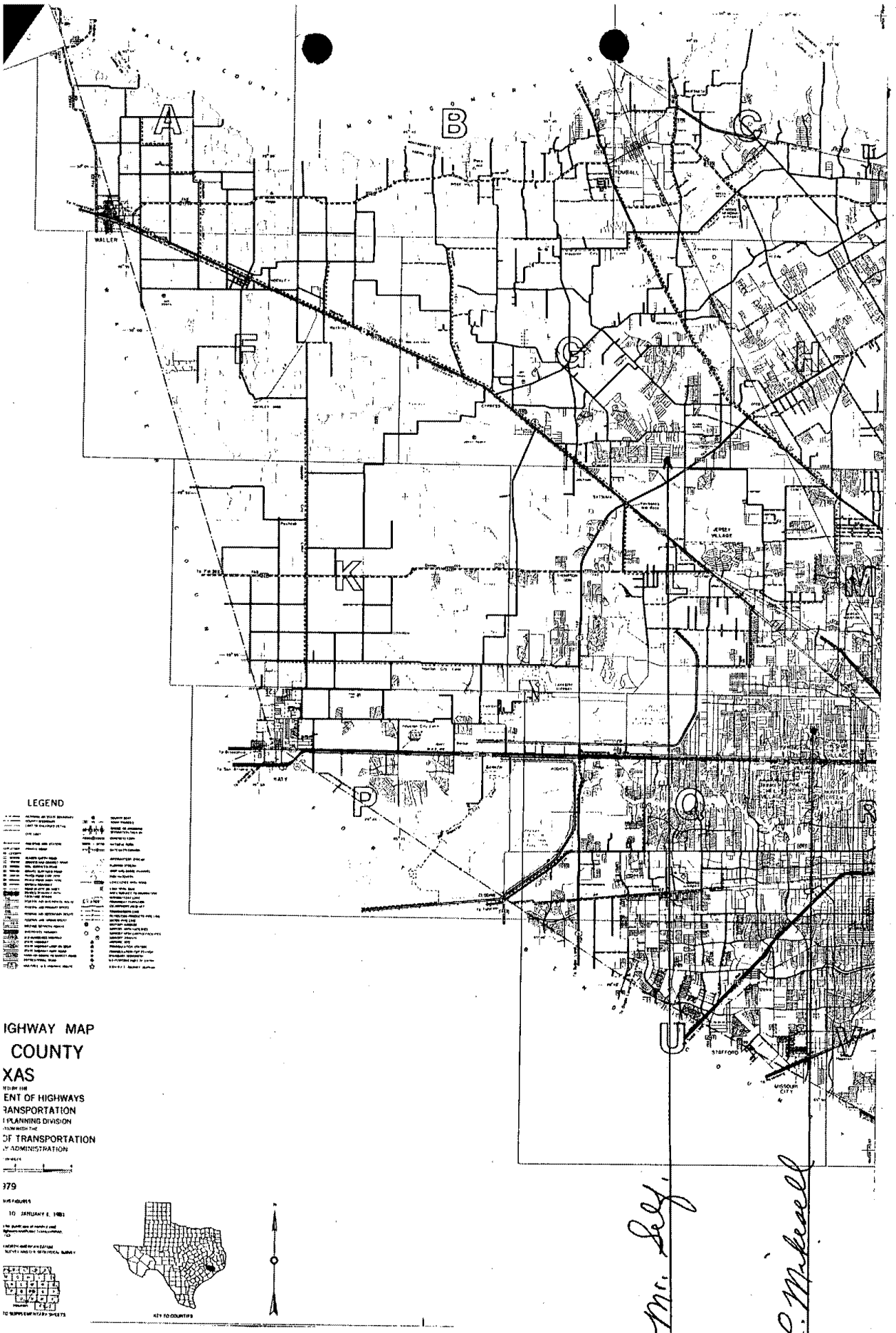
(Signed) H. L. Gehrels (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 65-12-6 Located on map _____

WWD-012 (Rev. 09/21/88)

TEXAS WATER COMMISSION COPY



Mr. Lely,

K. L. Mikrell

Send original copy by certified return receipt requested to: TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: *Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER Mark Klein (Name) ADDRESS 2445 North Blvd (Street or RFD) Houston (City) TX (State) 77098 (Zip)

2) ADDRESS OF WELL'S LOCATION: County Harris 1921 Hollister (Street, RFD or other) Houston (City) TX (State) (Zip) Long. ____ Lat. ____ Grid # 65-12-6

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

(4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [ ] Domestic [✓] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5)

6) WELL LOG:
Date Drilling:
Started 4-6-2000
Completed 4-6-2000

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
5 1/4	Surface	50

7) DRILLING METHOD (Check): [ ] Driven [ ] Air Rotary [X] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other ____

N

From (ft.)	To (ft.)	Description and color of formation material
0	22	Yellow Clay
22	50	White Sand

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): [ ] Open Hole [ ] Straight Wall [ ] Underreamed [✓] Gravel Packed [ ] Other ____
If Gravel Packed give interval from 40 ft. to 50 ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
2	N	Plastic Casing	0	40	SCH40
2	N	Plastic Screen	40	50	.008

9) CEMENTING DATA
Cemented from Surface ft. to 40 ft. No. of sacks used 12
____ ft. to ____ ft. No. of sacks used ____
Method used Pressure
Cemented by Raymond Services, Inc.
Distance to septic system field lines or other concentrated contamination 50+ ft.
Method of verification of above distance Customer

13) [ ] Well plugged within 48 hours

Casing left in well: From (ft)	Casing left in well: To (ft)	Cement/bentonite placed in well: From (ft)	Cement/bentonite placed in well: To (ft)	Sacks used:

14) TYPE PUMP:
[ ] Turbine [✓] Jet [ ] Submersible [ ] Cylinder
[ ] Other ____
Depth to pump bowls, cylinder, jet, etc., ____ ft.

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed
[✓] Specified Steel Sleeve Installed
[ ] Pitless Adapter Used
[ ] Approved Alternative Procedure Used

15) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [✓] Jetted [ ] Estimated
Yield: 8 gpm with 3 ft. drawdown after 1 hrs.

11) WATER LEVEL:
Static level 12 ft. below land surface Date 4/06/00
Artesian flow ____ gpm. Date ____

16) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? [ ] Yes [ ] No

12) PACKERS: Type Depth
none

I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Services, Inc. (Type or print) WELL DRILLER'S LICENSE NO. 4577WI

ADDRESS 10011 Airline Drive. Houston, TX 77037 (Street or RFD) (City) (State) (Zip)

(Signed) ____ (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

SEQ # EMP # JUL 05 2000 DESC CO COMMENT

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDLR FORM 001WWD (4/98) *White - TDLR Yellow - DRILLER Pink - WELL OWNER*

65-12-9M

Send original copy by certified mail to the Texas Water Development Board
P. O. Box 13087
Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No.
Located on map
Received:

1) OWNER:
Person having well drilled R. C. STANDISH (Name) Address 1230 FRIES RD (Street or RFD) HOUSTON (City) TEXAS (State)

Landowner " (Name) " Address " (Street or RFD) " (City) " (State)

2) LOCATION OF WELL:
County HARRIS, 12 miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.: KATY HWY

North

(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic ✓ Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 5½ in. Depth drilled 47 ft. Depth of completed well 47 ft. Date drilled 11-3-73

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOP SOIL
2	21	GRAY CLAY
21	22	ROCK
22	47	SAND

(Use reverse side if necessary)

9) Casing:
Type: Old ~~New~~ Steel ~~Plastic~~ Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
3	0	39	SCH 40

10) SCREEN:
Type PLASTIC
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
3	39	47	10

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 8 ft. below land surface Date 11-3-73
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 30 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes ~~No~~ ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes ~~No~~ ✓
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B. LUMPKIN, JR. (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 7507 JANAK DR. (Street or RFD) HOUSTON (City) TEXAS 77055 (State)

(Signed) John B. Lumpkin Jr. (Water Well Driller) LONG POINT WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

4820110906

4P

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-4P
Located on map
Received: 7-25

1) OWNER:
Person having well drilled: BOB HOLSEMBECK (Name) Address: 1134 FRIES RD (Street or RFD) HOUSTON (City) TEXAS (State)

Landowner: " " (Name) Address: " " " (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County: HARRIS, 10 miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc. N S 90 West View North

(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well ✓ Deepening; Reconditioning; Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial; Municipal; Irrigation; Test Well; Other

5) TYPE OF WELL (Check): Rotary ✓ Driven; Dug; Cable; Jetted; Bored

6) WELL LOG:
Diameter of hole 6 3/4 in. Depth drilled 48 ft. Depth of completed well 47 ft. Date drilled 7-27-74

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOP SOIL
2	20	GRAY CLAY
20	36	SAND
36	38	ROCK
38	48	SAND

(Use reverse side if necessary)

9) Casing:
Type: Old; ~~Wood~~; Steel ✓; ~~Plastic~~; Other

Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4	0	39	SCH 40

10) SCREEN:
Type: PLASTIC
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
4	39	47	12

7) COMPLETION (Check):
Straight wall ✓ Gravel packed; Other; Under reamed; Open Hole

8) WATER LEVEL:
Static level 15 ft. below land surface Date 7-27-74

Artesian pressure _____ lbs. per square inch Date _____

Depth to pump bowls, cylinder, jet, etc., 39 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?

Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.

Artesian flow _____ gpm

Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓

Did any strata contain undesirable water? Yes No

Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B. LUMPKIN, JR (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 7507 JANAK DR. (Street or RFD) HOUSTON (City) TEXAS (State)

(Signed) John B. Lumpkin Jr (Water Well Driller) LONG POINT WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBF-WD 8

4820111032

4Q

Send original copy by certified mail to the
Texas Water Development Board
P. O. Box 13087
Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-413
Located on map
Received: 7-
2

1) OWNER:
Person having well drilled J. H. JORDAN (Name) Address 1264 FRIES (Street or RFD) HOUSTON (City) TEXAS (State)

Landowner " (Name) " Address " (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS, 12 miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.* #3 US 90 WESTVIEW North (Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well ✓ Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): Rotary ✓ Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 3 7/8 in. Depth drilled 51 ft. Depth of completed well 51 ft. Date drilled 9-23-74

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOP SOIL
2	23	GRAY CLAY
23	28	SHALE & SAND
28	30	ROCK
30	51	SAND

(Use reverse side if necessary)

9) Casing:
Type: Old ✓ Steel Plastic ✓ Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
2	0	43	SCH40

10) SCREEN:
Type PLASTIC
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2	43	51	10

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 12 ft. below land surface Date 9-23-74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 21 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B. LUMPKIN, JR (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 7507 DANAK DR (Street or RFD) HOUSTON (City) TEXAS (State)

(Signed) John B. Lumpkin Jr (Water Well Driller) LONG POINT WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

4820111034

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-12-613

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6512613
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.796389
Latitude (degrees minutes seconds)	29° 47' 47" N
Longitude (decimal degrees)	-95.508612
Longitude (degrees minutes seconds)	095° 30' 31" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	82
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	468
Well Depth Source	Driller's Log
Drilling Start Date	
Drilling End Date	8/16/1970
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Public Supply
Water Level Observation	None
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Spring Branch ISD
Driller	B J Swinehart
Other Data Available	Drillers Log
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	U.S. Geological Survey
Created Date	11/2/1998
Last Update Date	1/6/1999

Remarks	

Casing - No Data

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements

No Data Available

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 118 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - Longitude - Source of Coords -

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Candlelight Oaks

Driller - A Kuhlmann

Address _____ Tenant/Oper. _____
Date Drilled - / /1968 Depth - 341 ft. Source of Depth - D Altitude - 76 ft. Source of Alt. - M
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____
Completion - _____
Casing Material - _____
Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) Setting(feet) From To

LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- PUBLIC SUPPLY Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- D Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CHCT
Well No. - 65 13 118

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TDWR use only
Well No. [illegible]
Located on map [illegible]
Received: [illegible]

1) OWNER Mrs. Edward Bindley (Name) Address 6538 Pinemont Dr. (Street or RFD) Houston (City) Texas (State) (Zip)

2) LOCATION OF WELL:
County Harris 5 miles in S.E. (N.E., S.W., etc.) direction from Jersey Village (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
✓ See attached map. [illegible] 65-05-84

3) TYPE OF WORK (Check):
✓ New Well ☐ Deepening
☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
✓ Domestic ☐ Industrial ☐ Public Supply
☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
✓ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored
☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 10/17/78

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4"	Surface	60

From (ft.)	To (ft.)	Description and color of formation material
0	2	top soil
2	14	gray + tan clay
14	60	fine sand

(Use reverse side if necessary)

7) BOREHOLE COMPLETION:
☐ Open Hole ✓ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4"	New	Plastic Casing	0	50	40
2 1/2"	New	Plastic Screen	50	60	8

CEMENTING DATA
Cemented from — ft. to — ft.
Method used —
Cemented by —
(Company or Individual)

9) WATER LEVEL:
Static level 17 ft. below land surface Date 10/17/78
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth
2 1/2"X4" R+R 3Ring 45'

11) TYPE PUMP:
☐ Turbin ☐ Jet ✓ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 40 ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ✓ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Fresh Depth of strata 46'
Was a chemical analysis made? ☐ Yes ✓ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Bobby Potter (Type or Print) Water Well Drillers Registration No. 1872
ADDRESS 5717 Chippewa (Street or RFD) Houston (City) Texas (State) 77086 (Zip)
(Signed) Bobby Potter (Water Well Driller) Damrell + Potter Drilling Co. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TDWR-0392
4820109096

65-13-1F

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

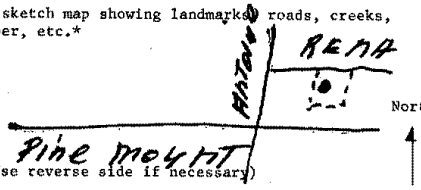
For TWDB use only
Well No. 65-13-1F
Located on map
Received: 9-4-11

1) OWNER:
Person having well drilled S.E. KLECKA (Name) Address 6633 RENA (Street or RFD) HOUSTON (City) TEXAS (State)

Landowner " (Name) " Address " (Street or RFD) " (City) (State)

2) LOCATION OF WELL:
County HARRIS, 16 miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*



(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Lot LOT #10 League

Block 39 Survey

Abstract No.

(NW¼ NE¼ SW¼ SE¼) of Section

3) TYPE OF WORK (Check): New Well ✓ Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): Rotary ✓ Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 3 7/8 in. Depth drilled 43 ft. Depth of completed well 43 ft. Date drilled 1-19-74

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOP SOIL
2	18	GRAY CLAY
18	20	WHITE SAND
20	43	SAND

(Use reverse side if necessary)

9) Casing:
Type: Old ✓ New Steel Plastic ✓ Other

Cemented from ft. to ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
2	0	35	SCH 40

10) SCREEN:
Type PLASTIC

Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2	35	43	8

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 5 ft. below land surface Date 1-19-74
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., 21 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: gpm with ft. drawdown after hrs.
Bailer test gpm with ft. drawdown after hrs.
Artesian flow gpm
Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No
Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B. LUMPKIN, JR (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 7507 JANAK DR. (Street or RFD) HOUSTON (City) TEXAS (State)

(Signed) John B Lumpkin Jr (Water Well Driller) LONG POINT WATER WELL SERV. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

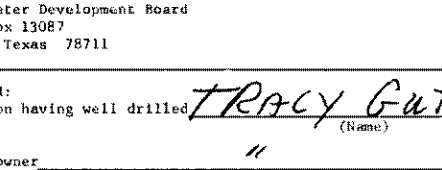
For TWDB use only
Well No. 65-12-9N
Located on map
Received: 7-2-74
dc

1) OWNER:
Person having well drilled TRACY GUTHRIE (Name) Address 701 PIFER (Street or RFD) HOUSTON (City) TEXAS (State)

Landowner " (Name) " Address " (Street or RFD) " (City) " (State)

2) LOCATION OF WELL:
County HARRIS, 9 miles in N.W (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*



(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well ✓ Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): Rotary ✓ Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 3 7/8 in. Depth drilled 41 ft. Depth of completed well 41 ft. Date drilled 8-21-74

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOPSOIL
2	20	GRAY CLAY
20	41	SAND

(Use reverse side if necessary)

9) Casing:
Type: Old ~~No~~ Steel Plastic ✓ Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
2	0	33	SCH 40

10) SCREEN:
Type PLASTIC
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2	33	41	10

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 25 ft. below land surface Date 8-21-74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 26 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes ~~No~~ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B. LUMPKIN, JR. (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 7507 JANAK DR. (Street or RFD) HOUSTON (City) TEXAS (State)

(Signed) John B. Lumpkin Jr. (Water Well Driller) LONG POINT WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD 8

4820110908

Send original copy by certified mail to: **Texas Water Commission, P.O. Box 13087, Austin, Texas 78711** *Please use black ink.*

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) **OWNER** Sueba/Mavis Joint Venture No. 7 (Name) **ADDRESS** 1800 Bering Dr. Suite 805 (Street or RFD) Houston (City) TX (State) 77057 (Zip)

2) **LOCATION OF WELL:** County Harris . 7 miles in W, SW (NE, SW, etc.) direction from Down Town Houston (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **LEGAL DESCRIPTION:**
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ **SEE ATTACHED MAP**

3) **TYPE OF WORK (Check):** ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☐ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☑ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) **DRILLING METHOD (Check):** ☐ Driven ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) **WELL LOG:**
Date Drilling: Started 10-12 1992 Completed 2 10 1993

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
7 5/8	Surface	392
5	392	419

7) **BOREHOLE COMPLETION:** ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other Two String
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0-80		red clay
80-120		brown clay
120-240		gray clay & sands
240-280		gummy clay & shale
280-340		sand .010
340-370		sand .008
370-390		clay
390-419		sand .010
(400-405)		(clay break)

(Use reverse side if necessary)

8) **CASING, BLANK PIPE, AND WELL SCREEN DATA:**

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5	N	SDR-17 PVC	+10'	392	
2.5	N	Sch 80 PVC	388	395	
2.5	N	Stainless Steel Rod Base	395	405	.008
2.5	N	PVC Blank Pipe	405	409	sch 80
2.5	N	Stainless Steel Rod Base	409	419	.010

9) **CEMENTING DATA** [Rule 287.44(1)]
Cemented from 392 ft. to 242 ft. No. of Sacks Used 16
0 ft. to 15 ft. No. of Sacks Used 8
Method used Halliburton method pressure
Cemented by Geophysical Drlg., Inc.

10) **SURFACE COMPLETION**
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☑ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) **WATER LEVEL:**
Static level 230 ft. below land surface Date 2-9-93
Artesian flow _____ gpm. Date _____

12) **PACKERS:**

Type	Depth
BP Seal @	387
Formation Packer @	15

13) **TYPE PUMP:** ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 384

14) **WELL TESTS:**
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 100 gpm with _____ ft. drawdown after _____ hrs.

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

RECEIVED FEB 24 1993 TEXAS WATER COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Geophysical Drlg, Inc. (Type or print) **WELL DRILLER'S LICENSE NO.** 2888 WI

ADDRESS P.O. Box 664 (Street or RFD) Fulshear (City) Tx (State) 77441 (Zip)

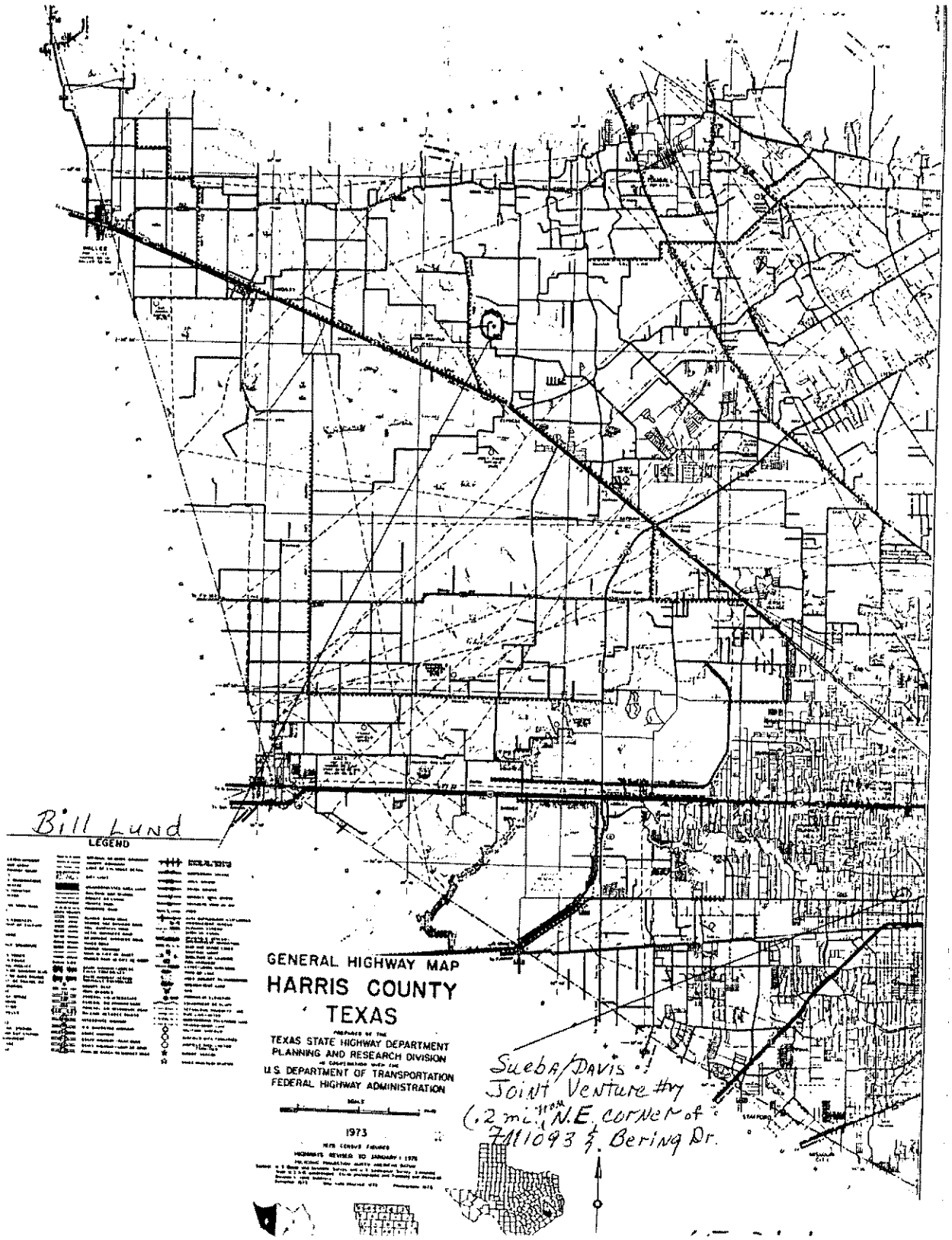
(Signed) Greg D. Hill (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. _____ Located on map _____

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY 48204-017638


Bill Lund
LEGEND
GENERAL HIGHWAY MAP
HARRIS COUNTY
TEXAS
PREPARED BY THE
TEXAS STATE HIGHWAY DEPARTMENT
PLANNING AND RESEARCH DIVISION
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
1973
Sueba/Davis
Joint Venture Hwy
(.2 mi. from N.E. corner of
7411093 & Bering Dr.

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-603

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513603
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.821389
Latitude (degrees minutes seconds)	29° 49' 17" N
Longitude (decimal degrees)	-95.376667
Longitude (degrees minutes seconds)	095° 22' 36" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	121EVGL - Evangeline Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	63
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	745
Well Depth Source	Unknown
Drilling Start Date	
Drilling End Date	0/0/1948
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Industrial
Water Level Observation	Miscellaneous Measurements
Water Quality Available	Yes
Pump	Turbine
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Houston Textile Co
Driller	Layne TExas
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	
Created Date	5/13/1999
Last Update Date	5/13/1999

Remarks	60 ft of screen between 580 and 742 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

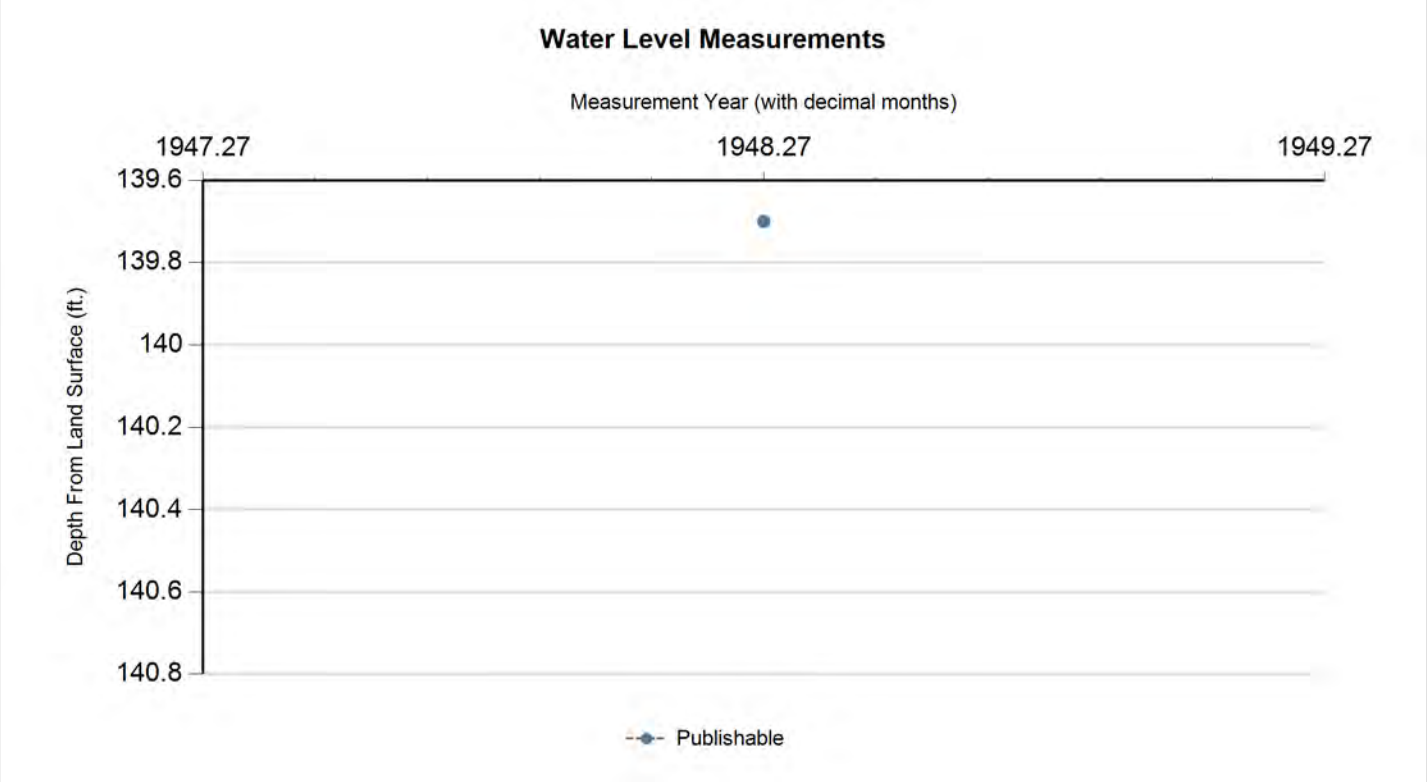
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	4/8/1948		139.7		-76.7	1	Registered Water Well Driller	Unknown		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis

Sample Date: 4/8/1948 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:**

Sampled Aquifer: Evangeline Aquifer

Analyzed Lab: **Reliability:** Reliability unknown or not available

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		166.39	mg/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		203	mg/L	
01020	BORON, DISSOLVED (UG/L AS B)		300	ug/L	
00910	CALCIUM (MG/L)		42	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		40	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		150	mg/L	
01045	IRON, TOTAL (UG/L AS FE)		4800	ug/L	
00920	MAGNESIUM (MG/L)		11	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)		0.5	mg/L	
00400	PH (STANDARD UNITS), FIELD		8.1	SU	
00937	POTASSIUM, TOTAL (MG/L AS K)		4	mg/L	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0.32		
00955	SILICA, DISSOLVED (MG/L AS SI02)		24	mg/L	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		1.24		
00932	SODIUM, CALCULATED, PERCENT		32	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)		35	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		457	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		14	mg/L	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		270	mg/L	

Water Quality Analysis

Sample Date: 7/0/1962 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:**

Sampled Aquifer: Evangeline Aquifer

Analyzed Lab: **Reliability:** Reliability unknown or not available

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		40	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		147	mg/L	
00400	PH (STANDARD UNITS), FIELD		7.3	SU	
00929	SODIUM, TOTAL (MG/L AS NA)		218	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		467	MICR	
00010	TEMPERATURE, WATER (CELSIUS)		25	C	

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

STATE OF TEXAS WELL REPORT for Tracking #156326

Owner:	**I-45 Plumbing**	Owner Well #:	**No Data**
Address:	**12902 I - 45 Houston, TX 77093**	Grid #:	**65-13-6**
Well Location:	**12902 I - 45 Houston, TX 77093**	Latitude:	**29° 49' 13" N**
		Longitude:	**095° 22' 43" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/26/2008** Drilling End Date: **9/26/2008**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**5.5**	**0**	**50**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Filter Packed**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
Filter Pack Intervals:	**27**	**50**	**Gravel**	**# 12**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**10**	**3**
	10	**27**	**3**

Seal Method: **Pressure**

Sealed By: **Driller**

Distance to Property Line (ft.): **10**

Distance to Septic Field or other concentrated contamination (ft.): **50**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Customer**

Surface Completion: **Surface Sleeve Installed**

Water Level: **8 ft.** below land surface on **2008-09-26** Measurement Method: **Unknown**

Packers: **None**

Type of Pump: **Jet** Pump Depth (ft.): **20**

Well Tests: **Unknown** **Yield: 4 GPM with 5 ft. drawdown after 1 hours**

	Strata Depth (ft.)	Water Type
Water Quality:	**No Data**	**Fresh**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Raymond Services, Inc.**

10011 Airline
Houston, TX 77037

Driller Name: **Zachary Proctor** License Number: **4577**

Apprentice Name: **None**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	3	Top Soil
3	12	Yellow Clay
12	18	Red Clay
18	19	Rock
19	27	Sand # 6 Red
27	28	Rock
28	37	Sand # 6 Red
37	38	Rock
38	50	Red Clay

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
2	New	Plastic	0 - 27 SCH 40
2	New	Plastic	Screen 27 - 37 # 6
2	New	Plastic	Casing 37 - 50 SCH 40

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

STATE OF TEXAS WELL REPORT for Tracking #165739

Owner:	**Federal Reserve Bank of Dallas**	Owner Well #:	**No Data**
Address:	**1801 Allen Parkway Houston, TX 77019**	Grid #:	**65-13-9**
Well Location:	**1801 Allen Parkway Houston, TX 77019**	Latitude:	**29° 45' 33" N**
		Longitude:	**095° 23' 06" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **12/29/2008** Drilling End Date: **12/31/2008**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.5**	**0**	**350**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **2 String**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:			**3 Bentonite**
	0	**320**	**50**
	0	**10**	**10**

Seal Method: **Positive Displacement**

Sealed By: **SDI**

Distance to Property Line (ft.): **100**

Distance to Septic Field or other concentrated contamination (ft.): **none**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **owner**

Surface Completion: **Surface Slab Installed**

Water Level: **155 ft.** below land surface on **2009-01-19** Measurement Method: **Unknown**

Packers: **KP-310**

Type of Pump: **Submersible** Pump Depth (ft.): **252**

Well Tests: **Jetted** **Yield: 100 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**No Data**	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Scott Drilling, Inc.**

11923 Green Pine Circle
Houston, TX 77066

Driller Name: **Scott Robinson** License Number: **4839**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	10	clay
10	20	sand
20	45	clay
45	70	sand
70	195	clay
195	210	sand
210	220	clay
220	245	sand
245	300	clay
300	350	sand

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5	N	PVC-Casing	0-320
2.5	N	" " Liner	310-320
2.5	N	" " Screen	320-350 .08

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

10/06/2021
04:10:30

Texas Commission on Environmental Quality
DWW Water System Summary Sheet

PWS ID	PWS Name	Central Registry RN
TX1012460	SPRING BRANCH HEALTH CARE CENTER	RN102692332

Organization/Customer *	Central Registry CN
CSE SPRING BRANCH LLC	CN603723594

*Regulatory mail will be addressed to this organization/person

All Water System Contacts

Type	Contact	Communication	
		Phone Type	**Value**
AC - Administrative Contact - ADMINISTRATOR	SOLO, SARA 8955 LONG POINT RD HOUSTON, TX 77055-3007	BUS - Business	713-464-7625
OW - Owner	CSE SPRING BRANCH LLC		

Operator Grade	Number
SURFACE WATER TREATMENT OPERATOR Grade B	1

Water Operator Licenses

License Holder:	COUNCILL, GEORGE R	
CURRENT	Class: B - SURFACE WATER TREATMENT OPERATOR	WS0004808

Owner Type	Owner Type Options: COUNTY, DISTRICT, FEDERAL GOVERNMENT, INVESTOR OWNED, MUNICIPALITY, NATIVE AMERICAN, PRIVATE, STATE GOVERNMENT, WATER SUPPLY CORPORATION
Private	

System Type	System Type Options: COMMUNITY, TRANSIENT/NON-COMMUNITY, NON-PUBLIC, NON-TRANSIENT/NON-COMMUNITY
NP - NON-PUBLIC	

Population Type	Population Served	# of Connect	# I/C w/other PWS

Total Product (MGD)	Average Daily Consump.	Max Daily Demand (MGD)	Total Storage (MG)	Elev. Storage (MG)	Service Pump Cap.	Max.Purchase Cap. (MGD/GPM)	Pressure Tank Cap. (MG)

Activity Status	Inactivation Date
I - INACTIVE	07/27/2011

Last Survey Date	Surveyor	Survey Type	Region	County
03/31/2010	MELODY, E KIRKSEY	Sanitary Survey	HOUSTON	HARRIS
02/03/2006	MAGGIE, ARMSTEAD WRIGHT	Sanitary Survey	HOUSTON	HARRIS
10/06/2003	MELODY, E KIRKSEY	Sanitary Survey	HOUSTON	HARRIS

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP001	TRT-TAP / No Source Listed(I)	PLANT(I)	TP6724		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	403	GASEOUS CHLORINATION, PRE
null	null	F	680	SEQUESTRATION

(Active Sources)

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth
G1012460A	1 - 8955 LONG POINT RD	O	610

Code Explanations
Monitoring Type Codes: (GW) GROUNDWATER , (GUP) GROUNDWATER UNDER THE INFLUENCE - PURCHASED , (SWP) SURFACE WATER - PURCHASED , (GU) GROUNDWATER UNDER THE INFLUENCE OF SURFACE WATER , (N) NO SOURCES , (SW) SURFACE WATER
Activity Status Codes: (A) ACTIVE , (D) DELETED/DISSOLVED , (I) INACTIVE , (P) PROPOSED ,
Operational Status Codes: (E) EMERGENCY , (I) INTERIM/PEAK (O) OTHER , (P) PERMANENT , (S) SEASONAL
Source Types: (G) GROUND WATER , (S) SURFACE WATER , (U) GROUND WATER UNDER THE INFLUENCE

- End of Report -

At the time of your query this data was the most current information available from our database, which is

in real time. Every effort was made to retrieve it according to your query. Thank-you for using DWW.

65-20-6G

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No.
Located on map
Received:

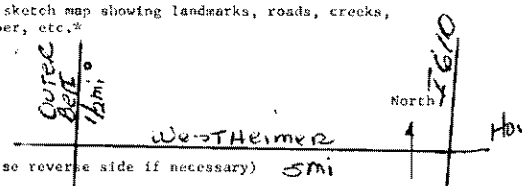
#6

1) OWNER:
Person having well drilled Knight Construction (Name) Address 1902 Westheimer, Ho. Tx 77006 (Street or RFD) (City) (State)

Landowner (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris, 10 miles in W (N.E., S.W., etc.) direction from Downtown Houston (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*



(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor League
Block Survey
Abstract No.
(NW¼ NE¼ SW¼ SE¼) of Section

3) TYPE OF WORK (Check): New Well, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check): Domestic, Industrial, Municipal, Irrigation, Test Well, Other

5) TYPE OF WELL (Check): Rotary, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 4 3/4 in. Depth drilled 131 ft. Depth of completed well 131 ft. Date drilled 10/72

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	FILL
2	4	TOPSOIL
4	20	CLAY
20	26	SAND
26	111	CLAY
111	131	SAND

(Use reverse side if necessary)

9) Casing:
Type: Old, New, Steel, Plastic, Other
Cemented from ft. to ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
2	0	123	SCD40

10) SCREEN:
Type PLASTIC WRAPPED
Perforated, Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2	123	131	.012

7) COMPLETION (Check): Straight wall, Gravel packed, Other, Under reamed, Open Hole

8) WATER LEVEL:
Static level 96 ft. below land surface Date 10/72
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., 105 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes, No If yes, by whom? Air compression
Yield: 5 gpm with ft. drawdown after hrs.
Bailer test gpm with ft. drawdown after hrs.
Artesian flow gpm
Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes, No
Did any strata contain undesirable water? Yes, No
Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Orlen O'Day (Type or Print) Water Well Drillers Registration No. 786

ADDRESS P.O. Box 162 (Street or RFD) Pearland (City) Texas (State)

(Signed) Orlen O'Day (Water Well Driller) O'Day Drilling Co (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDB-WD-8

4820117136

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-421

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513421
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.8325
Latitude (degrees minutes seconds)	29° 49' 57" N
Longitude (decimal degrees)	-95.497222
Longitude (degrees minutes seconds)	095° 29' 50" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	84
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	312
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1969
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Loyd Smith
Driller	Sugg & Smith Drilling Co.
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178: Screen from 302 to 312 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

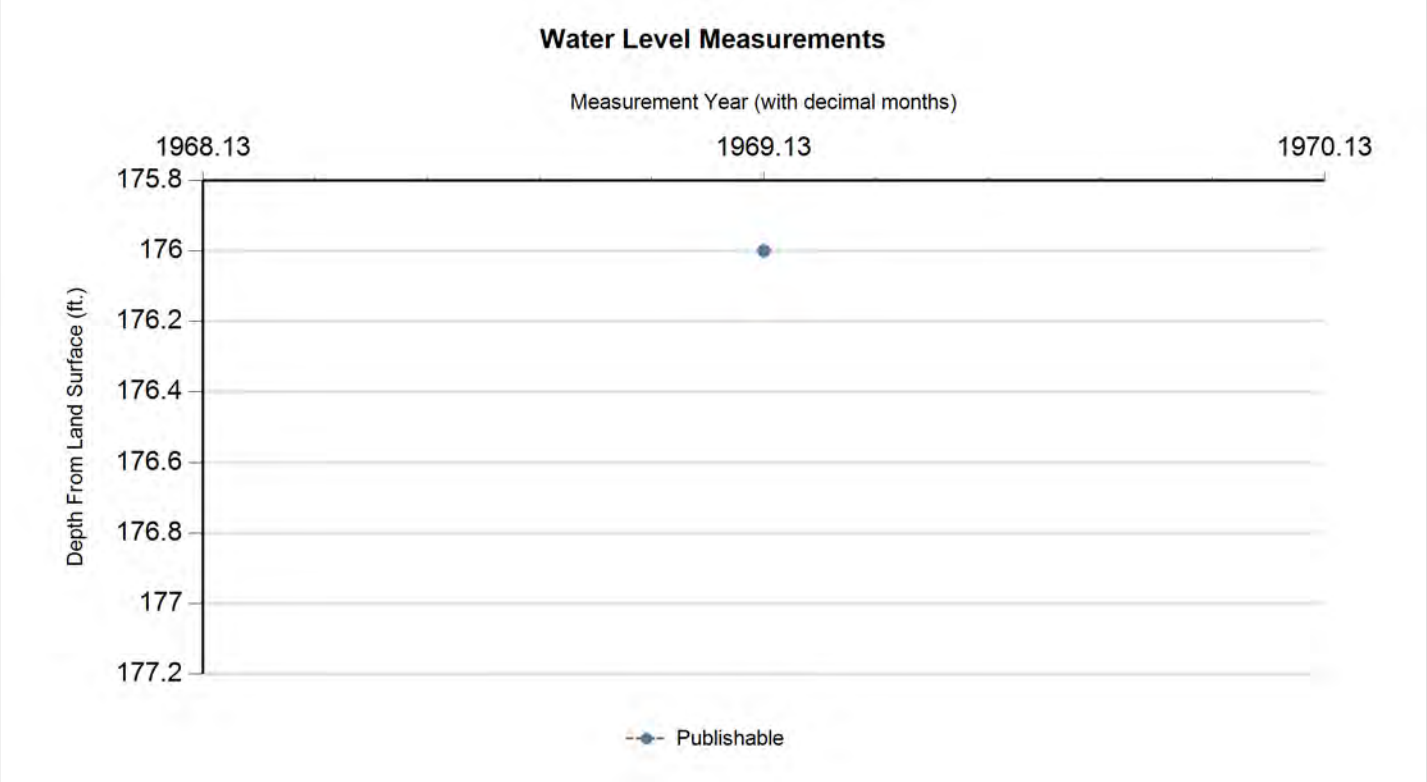
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	2/19/1969		176		-92	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

WL# 111

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. GS-13-2K
Located on map yes
Received: C.F.S.

1) OWNER Benjamin Smith (Name) Address PO Box 38856 (Street or RFD) Htn (City) TX (State) 77238 (Zip)

2) LOCATION OF WELL: Wilburforce
County Harris _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ See attached map. Mapon GS-07-2L

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 5/14/85

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	335

From (ft.)	To (ft.)	Description and color of formation material
0	17	Top Soil & Clay
17	24	Surface Sand
24	75	Clay
75	83	Sand
83	260	Clay
260	265	Sand
265	280	Clay
280	282	Sand
282	297	Clay
297	303	Sand
303	315	Clay
315	335	Sand

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	GALV	0	325	
2	N	GALV	320	325	
2	N	PVC	325	335	.016

CEMENTING DATA
Cemented from 0 ft. to 275 ft. 10 ft. to 325 ft.
Method used Halliburton
Cemented by Bussell & Son, Inc. (Company or Individual)

9) WATER LEVEL:
Static level 246 ft. below land surface Date 5/15/85
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

RECEIVED
AUG 23 1985
DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Craig O. Bussell (Type or Print) Water Well Drillers Registration No. 2035
ADDRESS P.O. Box 874 (Street or RFD) Tomball (City) TX (State) 77375 (Zip)
(Signed) Craig Bussell (Water Well Driller) Bussell & Son Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

W.L. #114 RJP

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-13-310
Located on map
Received:

1) OWNER Sparkle Ice, Inc. (Name) Address 6004 N. Shepherd (Street or RFD) Houston (City) Tex. (State) 77091 (Zip)

2) LOCATION OF WELL: 6004 N. Shepherd
County Harris 14 miles in N (N.E., S.W., etc.) direction from Hou. (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ See attached map. Map on 65-22-8P

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☒ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 5/11/81

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
	Surface	
6 3/4		520

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	19	Topsoil + Clay
19	348	Unconsolidated Form.
348	374	Sand
374	391	Sandy Clay + Rock
391	405	Sand (.014)
405	418	Rock + Sand (.022)
418	423	Clay
423	429	Sand (.014)
429	445	Clay
445	448	Sand
448	459	Clay
459	465	Sand
465	469	Clay
469	482	Sand
482	489	Clay
489	520	Sand

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Galvanized Steel	0	490	
2½	N	Stainless Steel R.B.	500	510	.014
2½	N	Stainless Steel R.B.	510	520	.016

CEMENTING DATA
Cemented from 440 ft. to 490 ft.
Method used Haliburton
Cemented by Bussell & Son, Inc. (Company or Individual)

9) WATER LEVEL:
Static level 287' ft. below land surface Date 5/13/81
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 357' ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 43 gpm with 39 ft. drawdown after 2 hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME CRAIG O. BUSSELL (Type or Print) Water Well Drillers Registration No. #2035

ADDRESS 9739 N. HOUSTON-ROSSLYN (Street or RFD) HOUSTON (City) TEXAS (State) 77088 (Zip)

(Signed) Craig Bussell (Water Well Driller) BUSSELL & SON, INC. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR 0392 (Rev. 1-12-79) DEPARTMENT OF WATER RESOURCES COPY

4820110983

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER Oscar (Name) ADDRESS 6100 Stuebner Cutlis Hou. Tx. (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris, 10 miles in N (NE, SW, etc.) direction from Houston Tx. (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☑ SEE ATTACHED MAP

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started July 27 1992 Completed July 27 1992

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
4 1/2	Surface	66

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☑ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 40 ft. to 66 ft.

From (ft.)	To (ft.)	Description and color of formation material
0-60		Clay
60-66		Sand (fine)

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
2	N	PVC.	0	56	40
2	N	PVC. Screen	56	66	.10

RECEIVED SEP 10 1992 TEXAS WATER COMMISSION

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 10 ft. No. of Sacks Used 2
ft. to _____ ft. No. of Sacks Used _____
Method used Hand Mix
Cemented by C.W.W.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level 28 ft. below land surface Date July 27, 92
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____
None

13) TYPE PUMP: None
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS: None
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Potable Depth of strata 6
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Coastal Water Well (Type or print) WELL DRILLER'S LICENSE NO. 812

ADDRESS P.O. Box 745 (Street or RFD) Pasadena (City) Tx (State) 77365 (Zip)

(Signed) H.L. Schael (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

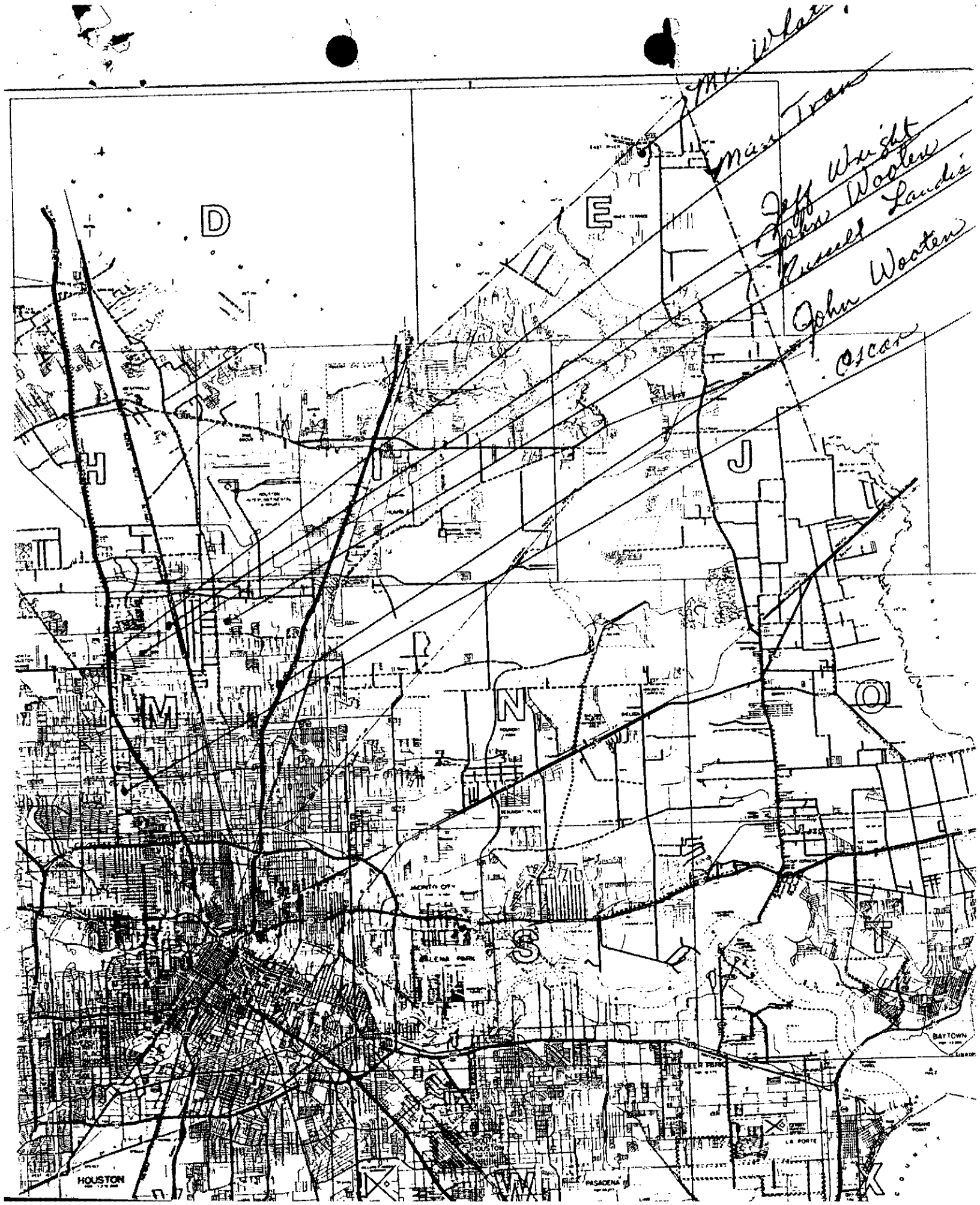
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. _____ Located on map _____

4820111005

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY


Mr. Wher
Max Tran
Jeff Wright
Jesse Wooten
Russell Landis
John Wooten
Oscar
D
E
H
J
M
N
O
S
HOUSTON
PASADENA
LA PORTE
BAYTOWN

452

STATE OF TEXAS WATER WELL REPORT

1) OWNER: SPARKLE ICE ADDRESS: 6004 N. SHEPHARD RD. CITY: HOUSTON STATE: TX ZIP: 77091-

2) LOCATION OF WELL: County: HARRIS 0 miles in NE direction from HOUSTON

LEGAL DESCRIPTION:

Section No.: E-0 Block No.: NE Township: HOUSTON

Abstract No.: N.SHEPHARD Survey Name:

Distance and direction from two intersecting section or survey lines: TIDWELL & N. SHEPHARD

H3

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: INDUSTRIAL 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 12607

DIAMETER OF HOLE

DIAMETER	FROM	TO
10	0	487
5 7/8	487	561

7) BOREHOLE METHOD:

STRAIGHT WALL

IF GRAVEL... FROM FT. TO FT.

FROM FT. TO FT.

DATE DRILLED: 01/31/91

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	TOP SOIL
3	190	CLAY
190	200	SAND
200	215	CLAY
215	225	SAND
225	330	CLAY
330	340	SAND
340	352	CLAY
352	381	SAND
381	392	CLAY
392	420	SAND
420	462	CLAY
462	488	SAND & CLAY
488	497	CLAY
497	544	SAND
544	547	CLAY
547	553	SAND
553	557	ROCK
557	560	SAND

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING	SCREEN
5	N	STEEL CASING	+10	42		NW	
6	N	STEEL CASING	0	487		NW	
4	N	GALVANIZED LINER	479	500		NW	
4	N	S.S. ROD BASE SCREEN	500	560		12	
4	N	GALVANIZED LINER	560	561		NW	

9) CEMENTING DATA:

Cemented from 487 FT. TO 0 FT.

FT. TO FT.

Method used: PRESSURE

Cemented by: ODCI

RECEIVED

SEP 06 1991

TEXAS WATER COMMISSION

10) SURFACE COMPLETION:

SLAB

11) WATER LEVEL:

STATIC LEVEL : 308 FT. DATE: 01/31/91

ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
B P VALVE	479

13) TYPE PUMP:

SUBMERSIBLE

DEPTH TO PUMP: 399

14) WELL TEST:

JETTED

YIELD: 150 GPM WITH 35 FT DRAWDOWN AFTER 36 HRS

15) WATER QUALITY:

TYPE OF WATER: GOOD WATER DEPTH OF STRATA: 60 CHEMICAL ANALYSIS MADE

NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1077

ADDRESS: P. O. BOX 162 CITY: PEARLAND STATE: TX ZIP CODE: 77588

FOR TDWR USE ONLY

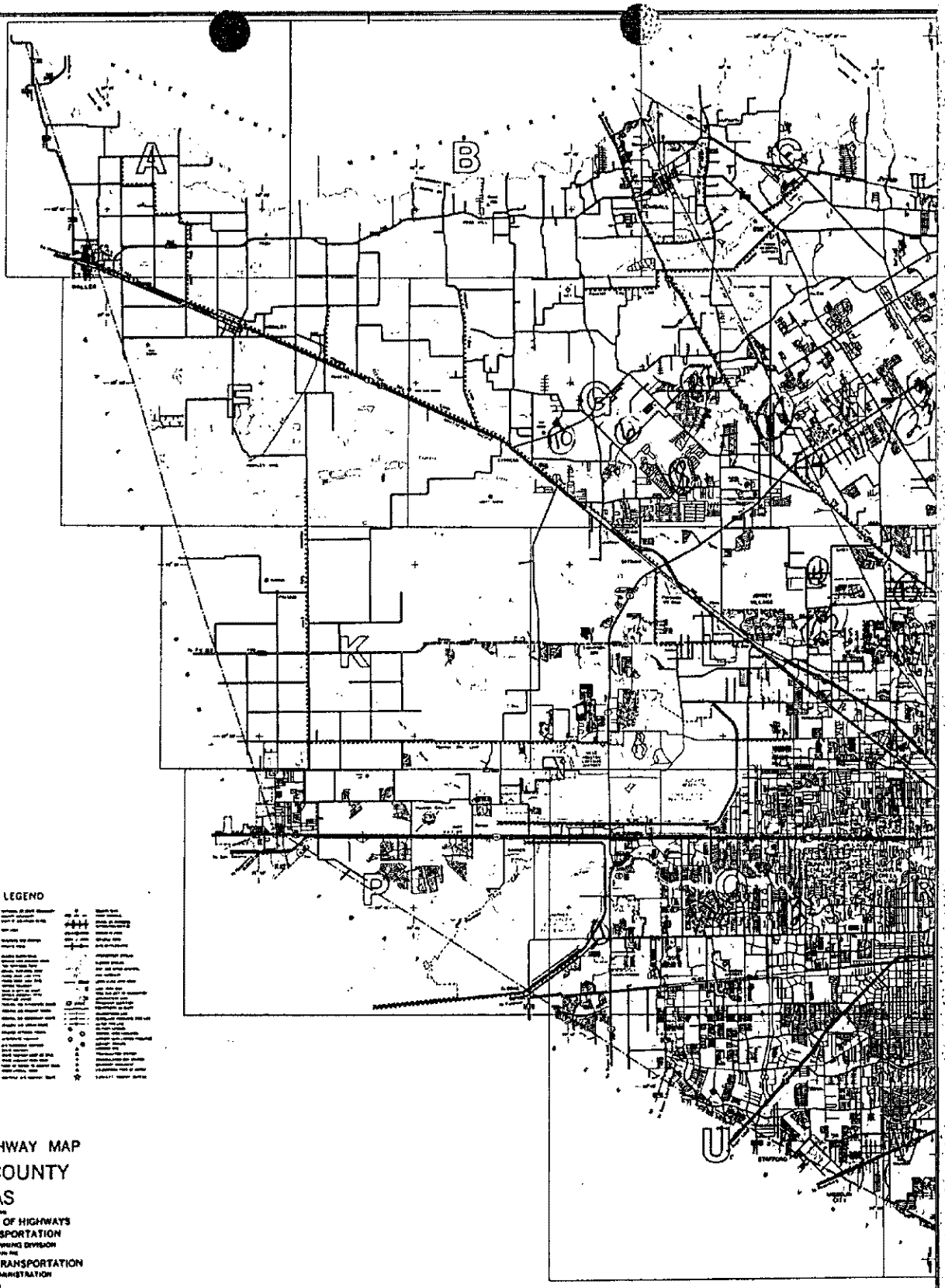
WELL NO. _____

LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Michael O'Day (signed) 4820124961

CWB



LEGEND

GENERAL HIGHWAY MAP

HARRIS COUNTY

TEXAS

PREPARED BY THE

STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION

TRANSPORTATION PLANNING DIVISION

IN COOPERATION WITH THE

U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

1979

HARRIS COUNTY TEXAS

10/06/2021
04:10:48

Texas Commission on Environmental Quality
DWW Water System Summary Sheet

PWS ID	PWS Name	Central Registry RN
TX1012436	REDDY ICE - HOUSTON	RN101229888

Organization/Customer *	Central Registry CN
REDDY ICE GROUP	CN602614299

*Regulatory mail will be addressed to this organization/person

All Water System Contacts

Type	Contact	Communication	
		Phone Type	**Value**
AC - Administrative Contact	EDDLEMAN, MIKE 9122 TELEPHONE RD HOUSTON, TX 77075-2014	BUS - Business	713-691-2773
OW - Owner	REDDY ICE GROUP 6004 N SHEPHERD DR HOUSTON, TX 77091-4248		
		Phone Type	**Value**
PWS - Public Water System Contact	BENTCOURT, JUAN 6004 N SHEPHERD DR HOUSTON, TX 77091-4248	BUS - Business	713-691-2773
		BUS - Business	713-438-4200

Operator Grade	Number

Water Operator Licenses

No Licensing Data for this PWS

Owner Type	Owner Type Options: COUNTY, DISTRICT, FEDERAL GOVERNMENT, INVESTOR OWNED, MUNICIPALITY, NATIVE AMERICAN, PRIVATE, STATE GOVERNMENT, WATER SUPPLY CORPORATION
Private	

System Type	System Type Options: COMMUNITY, TRANSIENT/NON-COMMUNITY, NON-PUBLIC, NON-TRANSIENT/NON-COMMUNITY
NP - NON-PUBLIC	

Population Type	Population Served	# of Connect	# I/C w/other PWS

Total Product (MGD)	Average Daily Consump.	Max Daily Demand (MGD)	Total Storage (MG)	Elev. Storage (MG)	Service Pump Cap.	Max.Purchase Cap. (MGD/GPM)	Pressure Tank Cap. (MG)

Activity Status	Inactivation Date
I - INACTIVE	03/31/2008

Last Survey Date	Surveyor	Survey Type	Region	County
03/12/2003	DAVID, W LIVINGS	Sanitary Survey	HOUSTON	HARRIS
No Site Visit Data				

(Treatment Plant)

Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP001	TRT-TAP / No Source Listed(I)	SPARKLE ICE COMPANY(I)	TP6706		NO		NO

Train:	Unnamed

(Treatments)

Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	423	HYPOCHLORINATION, PRE
null	null	S	460	ION EXCHANGE

(Active Sources)

(Inactive/Offline Sources)

SourceNumber	Name	Status	Depth
G1012436B	2	P	N/A
G1012436C	3	P	N/A
G1012436A	1 - REAR OF PLANT	O	560

Code Explanations

Monitoring Type Codes: (GW) GROUNDWATER , (GUP) GROUNDWATER UNDER THE INFLUENCE - PURCHASED , (SWP) SURFACE WATER - PURCHASED , (GU) GROUNDWATER UNDER THE INFLUENCE OF SURFACE WATER , (N) NO SOURCES , (SW) SURFACE WATER

Activity Status Codes: (A) ACTIVE , (D) DELETED/DISSOLVED , (I) INACTIVE , (P) PROPOSED ,

Operational Status Codes: (E) EMERGENCY , (I) INTERIM/PEAK (O) OTHER , (P) PERMANENT , (S) SEASONAL

Source Types: (G) GROUND WATER , (S) SURFACE WATER , (U) GROUND WATER UNDER THE INFLUENCE

- End of Report -

At the time of your query this data was the most current information available from our database, which is in real time. Every effort was made to retrieve it according to your query. Thank-you for using DWW.

Dup

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-05-9N
Located on map yes
Received: C.F.S.

1) OWNER E.C. GILBREATH (Name) Address 513 E. BURRESS (Street or RFD) HOUSTON (City) TEXAS (State) (Zip)

2) LOCATION OF WELL: County HARRIS 5 miles in N (N.E., S.W., etc.) direction from HOUSTON (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ See attached map.

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 9-23-80

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	355
3 7/8	355	370

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☑ Other 2-STRING
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	5	TOP SOIL
5	43	YELLOW SHALE
43	54	RED SAND
54	102	RED SHALE
102	116	SAND
116	130	BLUE SHALE
130	145	SAND
145	191	RED SHALE
191	215	SAND
215	247	RED SHALE
247	265	SAND
265	296	RED SHALE
296	300	ROCK
300	314	SAND
314	344	RED SHALE
344	370	SAND

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	PLASTIC 4 1/2" O.D.	0	350	540
2 1/2	N	"	350	355	580
2 1/2		" SCREEN	355	370	580

CEMENTING DATA
Cemented from 0 ft. to 350 ft.
Method used PRESSURE
Cemented by SUGG WATER WELL DRILLING (Company or Individual)

9) WATER LEVEL:
Static level 242 ft. below land surface Date 9-24-80
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

RECEIVED
MAR 30 1982
DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

11) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 315 ft.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 13.4 gpm with 3.3 ft. drawdown after 2 hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JAMES H. SUGG JR. (Type or Print) Water Well Drillers Registration No. 1006

ADDRESS 13501 CHRISMAN #26 (Street or RFD) HOUSTON (City) TEXAS (State) 77039 (Zip)

(Signed) James H. Sugg Jr. (Water Well Driller) SUGG WATER WELL DRILLING (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

GILBREATH

RECEIVED
MAR 30 1982
DEPT. OF
WATER RESOURCES

Texas Water Development Board
Well Schedule

State Well Number 6513321 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 295027 **Longitude** 952328 **Source of Coords** 2

Owner's Well No. **Location**

Owner
Harold Long

Driller
Dietz Pump and Well Service

Address **Tenant/Oper.**

Date Drilled / /1967 **Depth** 393 **Source of Depth** **Altitude** 71 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material**

Completion **Screen Material**

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to____

LIFT DATA - **Pump Mfr. -** **Type -** SUBMERSIBLE PUMP **No. Stages**

Bowls Diam - **in.** **Setting -** **ft.** **Column Diam. -** **in.**

Motor Mfr. - **Fuel or Power -** ELECTRIC MOTOR **Horsepower -**

YIELD Flow- **GPM** **Pump** **GPM** **Meas.,Rept.,Est.-** **Date-**

WATER USE **Primary -** DOMESTIC **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1967
-208

Recorded By _____ **Date Record Collected or Updated -** 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: Screen from 378 to 393 ft.

Aquifer - 112CHCT **ID -** 15

CHICOT AQUIFER

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-903

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by McAdoo Naftel Gabrysch (1961) (1963) Source of data File Date 2-16-68 Map Houston Heights 1955 1:24000

State Texas [48] County (or town) Harris [LJ]

Latitude: 294537 N S Longitude: 095228 Sequential number: 1

Lat-long accuracy: 1 T. N S, R E W, Sec , k, k, k

Local well number: LJ-65-13-903 Other number: B & M C-19

Local use: Owner or name: City of Houston

Owner or name: CITY OF HOUSTON Address: Central Plant

Ownership: (C) County, (F) Fed Gov't, (M) City, (H) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [M]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mnd, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P B, (Y) Desal-other, (Z) Other [P]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (O) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdrawl, (X) Waste, (Z) Destroyed [W]

1948 -

DATA AVAILABLE: Well data [1] Freq. W/L meas.: Annual [A] Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 2-27-48 [A] Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: E-Log (0-2510) T-35 [E]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1980 ft [1980] Meas. (Rept) Driller accuracy [3]

Depth cased (first perf.) 1160 ft [1160] Casing type: S; Diam. 24-13-12 in [24]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen) ?, (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other [G]

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other [H]

Date Drilled: Apr. 1948 [948] Pump intake setting: ft

Driller: Texas Water Wells, Inc. Houston, Texas

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.) (M) multiple, (turb.) (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other [T] Deep Shallow [D]

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. [5] Trans. or meter no.

Descrip. MP Top of Drill pipe +0.5 ft above below LSD Alt. MP

Alt. LSD: 52 [52] Accuracy: (source) Topo 5' [J]

Water Level 1 hr. S/L 206.60 ft above below MP; Ft above below LSD [206] Accuracy: Meas [A]

Date meas: 4-13-48 [448] Yield: 2480 gpm [2480] Method determined [4]

P/L = 266.68 Drawdown: 60 ft [60] Accuracy: 4-13-48 Meas [O] Pumping period 96 hrs [96]

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard. ppm

Sp. Conduct K x 10^6 Temp. °F Date sampled

Taste, color, etc.

Well No. LJ-65-13-903

Well No. LJ-65-13-903

Latitude-longitude 29 d, 45 m, 37 s N 095 d, 22 m, 58.1 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1) Physiographic Province: Coastal Plain (19) 03 (20-21) Section: _____

_____ F (22) Drainage Basin: _____ 51 (23) P (25) Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series T (28-29) _____ aquifer, formation, group E (30-31) ✓

Lithology: _____ (32-33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35-37) Length of well open to: 367 ft 367 (38-40) Depth to top of: _____ ft (41-43)

MINOR AQUIFER: _____ system, _____ series (44-45) _____ aquifer, formation, group (46-47)

Lithology: _____ (48-49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51-53) Length of well open to: _____ ft (54-56) Depth to top of: _____ ft (57-59)

Intervals Screened: # 1160 - 1960

Depth to consolidated rock: _____ ft (60-63) Source of data: _____ (64)

Depth to basement: _____ ft (65-68) Source of data: _____ (69)

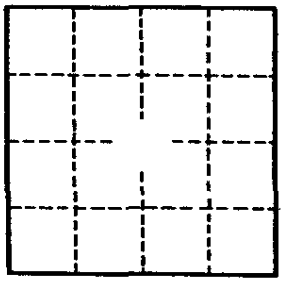
Surficial material: _____ (70-71) Infiltration characteristics: _____ (72)

Coefficient Trans: ✓ _____ gpd/ft (73-75) Coefficient Storage: _____ (76-78)

Coefficient Perm: ✓ _____ gpd/ft^2; Spec cap: ✓ _____ gpm/ft; Number of geologic cards: _____ (79)

screen:

1160 - 1195 35
1250 - 1340 90
1360 - 1515 155
1595 - 1610 15
1660 - 1680 20
1848 - 1860 12
1920 - 1960 40



CSG:

24" 0 - 627
13 3/8" 525 - 1000
12 3/4" 1000 - 1980

Well No. LJ-65-13-903

GPO 857-700

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020971

Latitude ° ' "	Longitude ° ' "	Seq. No.
294537	0952258	01

County code 201 County HARRIS

Well # LJ-65-13-903

Project number 7-4648-01000

Date 2-10-77 Time — Temp°C 29.0

Owner CITY OF HOUSTON

Address CENTRAL C-19

Date drld — WBF code 121 Evgl

Sample interval: (top) 1160 (bottom) 1960

Water level — Appr CLEAR Use PS

Collector D. BUTLER Yield — GPM

Smpld aftr pmpg — Depth —

Pt of coll TAP ON DISCHARGE

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule

Other I

Herbicide ____ Insecticide ____

Remarks:

Type 2 (1) Station identification number 294537095225801 (2–16)

Y M D (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	1160	04	
Sample interval BOTTOM	72016	1960	04	
Water level	72019			

Sampled after pumping	Parameter code	Value	Exp.	Rmk	
	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2900	02		29.0
pH	00400	8500	01		8.5
Specific conductance	00095	6680	03		668
HCO_3	00440	3080	03		308
CO_3	00445	8000	01		8
Chloride (Cl)	00940	5400	02		54
Sulfate (SO_4)	00945	6000	01		6.0
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31625				
Strep-tococci	31673				
BOD	00310				

TX-73Q
(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017560

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 45 37	095 22 58	01

County code 201 County Harris

Well # EJ-65-13-903

Project number 4648-01000

Date 2-11-76 Time — Temp°C 29.0

Owner City of Houston

Address Central C-19

Date drld — WBF code 121EVGL

Sample interval: (top) 1160 (bottom) 1960

Water level — Appr clear Use PS

Collector Nattel Yield — GPM

Smpld aftr pmpg on arrival Depth —

Pt of coll tap on discharge

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I

Other

Herbicide Insecticide

Remarks:

Type 2 (1) Station identification number 29453709522580 1 (2) 9 (16)

Y M D 76 02 11 (17) Begin (22)

Time of measurement 1 (29) (32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	1160	04	
Sample interval BOTTOM	72016	1960	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2900	02		29.0
pH	00400	8100	01		8.1
Specific conductance	00095	6640	03		664
HCO_3	00440	3190	03		319
CO_3	00445	0000	01		0
Chloride (Cl)	00940	5200	02		52
Sulfate (SO_4)	00945	6800	01		6.8
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

Austin, Texas

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 45 37	095 22 58	01

County code ~~EJ~~ 201 County Harris

Well # 2J-65-13-903

Project number 5-4648-01000

Date 2-10-75 Time _____ Temp°C 29.6

Owner City of Houston

Address Central # 19

Date drld 5-48 WBF code 121EVGL

Sample interval: (top) 1160 (bottom) 1960

Water level _____ Appr _____ Use PS

Collector Naftel Yield _____ GPM

Smpld aftr pmpg on arrival Depth 1980

Pt of coll Faucet on pipe

Field: Cond _____ pH _____ HCO_3 _____ DO _____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I + SO4

Other _____

Herbicide _____ Insecticide _____

Remarks:

Type 2 (1) Station identification number 29 45 37 095 22 58 01 (2–16)

Y M D 75 02 10 (17–22) Begin

Time of measurement _____ (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008	1980	04	
Yield (GPM)	00059			
Sample interval TOP	72015	1160	04	
Sample interval BOTTOM	72016	1960	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2900	02		
pH	00400	7900	01		7.9
Specific conductance	00095	6470	03		647
HCO_3	00440	3160	03		316
CO_3	00445	0000	01		0
Chloride (Cl)	00940	4800	02	same	48
Sulfate (SO_4)	00945	6400	01		6.4
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

Water Quality Division
Austin, Texas

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 45 37	095 22 58	01

County code 101 County Harris

Well # LJ-65-13-703

Project number T-4648-01000

Date 9-17-76 Time 1530 Temp°C ?

Owner City of Houston

Address Central No C-19

Date drld — WBF code 121 Eval

Sample interval: (top) 1160 (bottom) 1960

Water level — Appr Clear Use PS

Collector Bezant Yield — GPM

Smpld aftr pmpg on arrival Depth —

Pt of coll tap on discharge

Field: Cond — pH — HCO_3 — DO —

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

1 chem schedule I

Other

Herbicide Insecticide

Remarks:

Type 2 (1)

Station identification number 294537095225801 (2–16)

Y M D: 76 09 17 (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	1160	04	
Sample interval BOTTOM	72016	1960	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010				
pH	00400	8100	01		8.1
Specific conductance	00095	6740	03		674
HCO_3	00440	3250	03		325
CO_3	00445	0000	01		0
Chloride (Cl)	00940	5600	02		56
Sulfate (SO_4)	00945	4400	01		4.4
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Streptococci	31679				
BOD	00310				

STATE OF TEXAS WELL REPORT for Tracking #210899

Owner:	**Williams Brothers**	Owner Well #:	**1**
Address:	**PO Box 66428 Houston, TX 77266**	Grid #:	**65-13-9**
Well Location:	**12250 A Beltway Houston, TX**	Latitude:	**29° 45' 46" N**
		Longitude:	**095° 22' 59" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **7/9/2009** Drilling End Date: **7/10/2009**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**6.75**	**0**	**220**
	3.875	**220**	**230**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**220**	**24**

Seal Method: **Positive Displacement**

Sealed By: **Driller**

Distance to Property Line (ft.): **n/a**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Surface Sleeve Installed**

Water Level: **92 ft.** below land surface on **2009-06-23** Measurement Method: **Unknown**

Packers: **K-Packer 210**
K-Packer 211

Type of Pump: **Submersible** Pump Depth (ft.): **200**

Well Tests: **Jetted** **Yield: 35 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**No Data**	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Bussell & Sons LLC**

PO Box 874
Tomball, TX 77377

Driller Name: **Craig Bussell** License Number: **2035**

Comments: **^EO**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**17**	**topsoil & clay**
17	**77**	**sand & gravel**
77	**132**	**clay**
132	**178**	**sandy clay**
178	**230**	**sand & gravel**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
4" New PVC Casing 0'-220'			
2.5" New PVC Screens 210'-220' 0.016			
2.5" New PVC Screens 220'-230' 0.02			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

(48)

Dis 4G

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No.
Located on map
Received:

1) OWNER:
Person having well drilled Gulf Coast Welding (Name) Address 560020 34 (Street or RFD) Houston (City) TX (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL: Center St.
County Harris, 8 miles in N.W. (N.E., S.W., etc.) direction from Houston (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well ✓ Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): Rotary ✓ Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6½ in. Depth drilled 310 ft. Depth of completed well 334 ft. Date drilled 12/15/77

All measurements made from 4' ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	163	Clay
163	263	Clay + Sand
263	283	Clay + Sandy shale
283	303	Clay + Sand
303	334	Sand

(Use reverse side if necessary)

9) Casing:
Type: Old New ✓ Steel Plastic ✓ Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	310	Sch. 40

10) SCREEN:
Type W/W
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2"	314	324	.016 ga
2"	324	334	.020 ga

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 208 ft. below land surface Date 12/15/77
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 232 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy C Bussell (Type or Print) Water Well Drillers Registration No. 707

ADDRESS 9735 N Houston-Rosslyn (Street or RFD) Houston (City) TX (State)

(Signed) Tommy C Bussell (Water Well Driller) Bussell & Son Inc. (Company Name)

ease attach electric log, chemical analysis, and other pertinent information, if available.

itional instructions on reverse side.

4820111372

STATE OF TEXAS WELL REPORT for Tracking #415424

Owner:	**Weldfit**	Owner Well #:	**13513**
Address:	**7020 Cotton Rd. Houston, TX 77092**	Grid #:	**65-13-1**
Well Location:	**7020 Cotton Rd. Houston, TX 77092**	Latitude:	**29° 50' 15" N**
		Longitude:	**095° 29' 47" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**Replacement**	Proposed Use:	**Domestic**

Drilling Start Date: **12/18/2015** Drilling End Date: **12/19/2015**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**6.75**	**0**	**340**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **2-String**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**320**	**Cement 43 Bags/Sacks**
	0	**10**	**Cement 10 Bags/Sacks**

Seal Method: **Pressure**

Sealed By: **Driller**

Distance to Property Line (ft.): **25**

Distance to Septic Field or other concentrated contamination (ft.): **None**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Owner**

Surface Completion: **No Data** **Surface Completion by Driller**

Water Level: **185 ft.** below land surface on **2015-12-18**

Packers: **K-Packer at 310 ft.**

Type of Pump: **Submersible** Pump Depth (ft.): **240**

Well Tests: **Jetted** **No Test Data Specified**

	Strata Depth (ft.)	Water Type
Water Quality:	**No Data**	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Scott Drilling Inc.**

11923 Green Pines Circle
Houston, TX 77066

Driller Name: **Scott Robinson** License Number: **4839**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	65	Clay
65	85	Sand
85	170	Clay
170	175	Sand
175	190	Clay
190	200	Sand
200	220	Clay
220	240	Sand
240	255	Clay
255	280	Sand
280	310	Clay
310	340	Sand

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
4	Blank	New Plastic (PVC)		0	320
2.5	Blank	New Plastic (PVC)		310	320
2.5	Screen	New Plastic (PVC)	0.008	320	340

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711 KM412X 2(1)

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER Sam Messina (Name) ADDRESS 1045 Wilberforce Hou. Tx (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris, 5 miles in N.W (NE, SW, etc.) direction from Houston, Tx. (Town)

Driller **must** complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:

Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____

Distance and direction from two intersecting section or survey lines _____

☑ SEE ATTACHED MAP on 65-06-5

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:

Date Drilling: Started 1-30 1991 Completed 1-30 1991

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
4½	Surface	43

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☑ Gravel Packed ☐ Other _____

If Gravel Packed give interval . . . from 23 ft. to 43 ft.

From (ft.)	To (ft.)	Description and color of formation material
0	38	Clay
38	43	Sand (Fine)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
2	N	PVC	0	33	40
2	N	PVC Screen	33	43	.12

RECEIVED MAR 5 1991 TEXAS WATER WELL DRILLERS BOARD

(Use reverse side if necessary)

9) CEMENTING DATA [Rule 287.44(1)]

Cemented from 0 ft. to 15 ft. No. of Sacks Used 2

_____ ft. to _____ ft. No. of Sacks Used _____

Method used Hand Mix

Cemented by Owner

10) SURFACE COMPLETION

☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]

☐ Pitless Adapter Used [Rule 287.44(3)(B)]

☑ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:

Static level 21 ft. below land surface Date 1-30-91

Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth

13) TYPE PUMP: ☐ Turbine ☑ Jet ☐ Submersible ☐ Cylinder ☐ Other _____

Depth to pump bowls, cylinder, jet, etc., 35 ft.

14) WELL TESTS:

Type Test: ☑ Pump ☐ Bailer ☐ Jetted ☑ Estimated

Yield: 4 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:

Did the drilling penetrate any strata which contained undesirable constituents?

☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"

Type of water? Potable Depth of strata 3

Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Coastal Water Wells (Type or print) WELL DRILLER'S LICENSE NO. 812

ADDRESS P.O. Box 745 (Street or RFD) Porter (City) Tx. (State) 77365 (Zip)

(Signed) W.L. Gebels (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 65-13-2 Located on map _____

WWD-012 (Rev. 09/21/88)

TEXAS WATER COMMISSION COPY

Send original copy by certified mail to: Texas Water Comm[redacted], P.O. Box 13087, Austin, Texas 78711 Km[redacted]2Y

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) **OWNER** Mrs Salvage (Name) **ADDRESS** 947 Wilberforce (Street or RFD) Houston (City) Tx. (State) (Zip)

2) **LOCATION OF WELL:** County Harris . 10 miles in N.W. (NE, SW, etc.) direction from Houston Tx. (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **LEGAL DESCRIPTION:**

Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____

Distance and direction from two intersecting section or survey lines _____

☑ **SEE ATTACHED MAP**

3) **TYPE OF WORK (Check):** ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) **DRILLING METHOD (Check):** ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) **WELL LOG:**

Date Drilling: Started Sept 21 1992 Completed _____ 19__

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
4½	Surface	40

From (ft.)	To (ft.)	Description and color of formation material
0	35	Clay
35	40	Sand

(Use reverse side if necessary)

7) **BOREHOLE COMPLETION:** ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____

If Gravel Packed give interval . . . from 20 ft. to 40 ft.

8) **CASING, BLANK PIPE, AND WELL SCREEN DATA:**

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen

9) **CEMENTING DATA** [Rule 287.44(1)]

Cemented from 10 ft. to 20 ft. No. of Sacks Used 3

_____ ft. to _____ ft., No. of Sacks Used _____

Method used Hand Mix

Cemented by CWW.

10) **SURFACE COMPLETION**

☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]

☑ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]

☐ Pitless Adapter Used [Rule 287.44(3)(B)]

☐ Approved Alternative Procedure Used [Rule 287.71]

11) **WATER LEVEL:**

Static level 20 ft. below land surface Date Sept 21, 92

Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type Depth

13) **TYPE PUMP:** ☐ Turbine ☑ Jet ☐ Submersible ☐ Cylinder ☐ Other _____

Depth to pump bowls, cylinder, jet, etc., 36 ft.

14) **WELL TESTS:** Type Test: ☑ Pump ☐ Bailer ☐ Jetted ☑ [illegible]

Yield: 3 gpm with _____ ft. drawdown after _____ hrs.

15) **WATER QUALITY:**

Did you knowingly penetrate any strata which contained undesirable constituents?

☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"

Type of water? Potable Depth of strata _____

Was a chemical analysis made? ☐ Yes ☑ No

RECEIVED OCT 23 1992 TEXAS WATER WELL DRILLERS BOARD

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Carson Water Well (Type or print) **WELL DRILLER'S LICENSE NO.** 812

ADDRESS P.O. Box 745 (Street or RFD) Porter (City) Tx (State) 77365 (Zip)

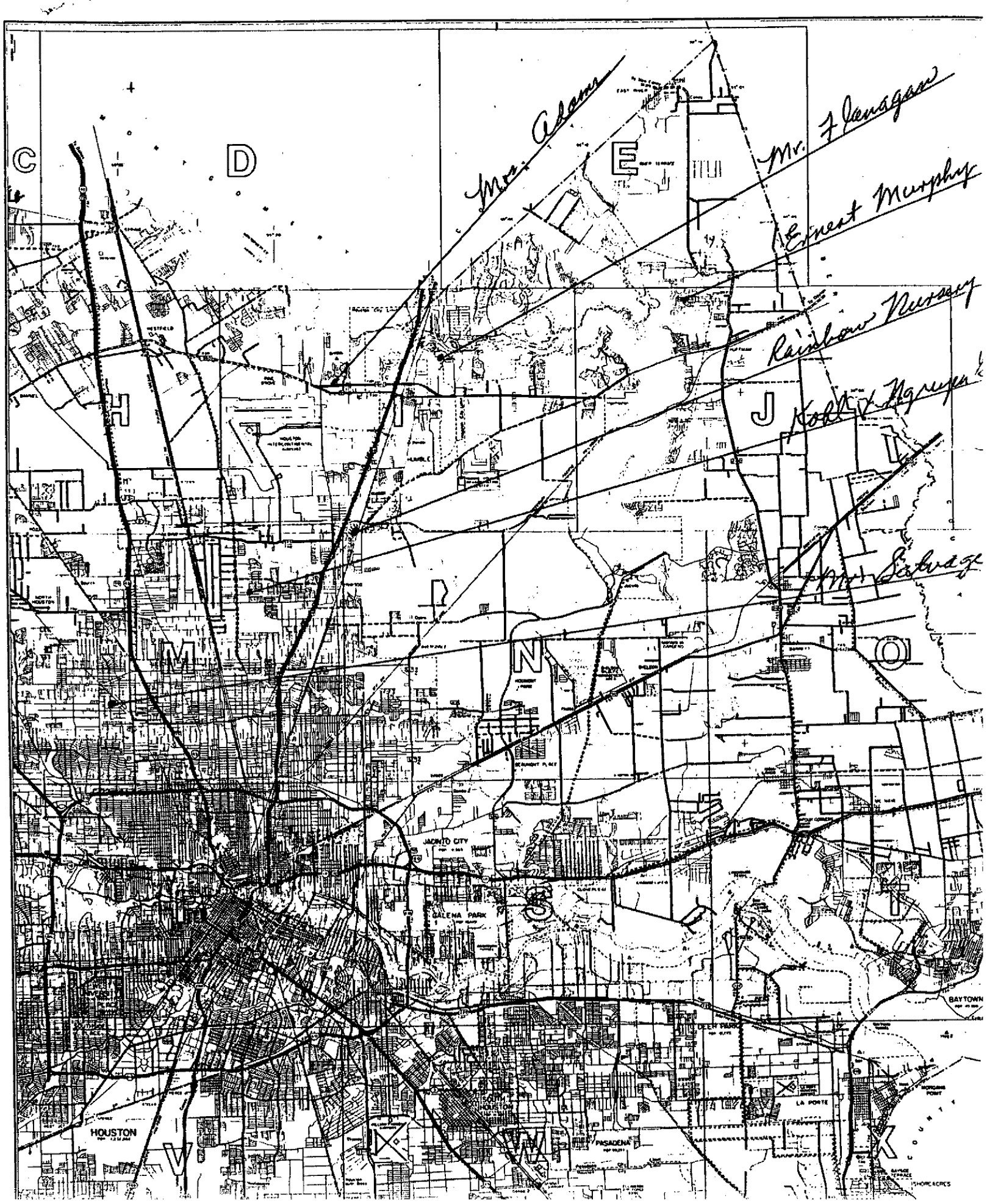
(Signed) H.L. Gehrels (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. _____ Located on map 65-13-2

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY


Mr. Adams
Mr. Flanagan
Ernest Murphy
Rainbow Nursery
Mr. Savage
C
D
E
H
J
M
N
O
S
X
V
W
HOUSTON
JACINTO CITY
GALENA PARK
PASADENA
LA PORTE
BAYTOWN

10/06/2021
04:10:27

Texas Commission on Environmental Quality
DWW Water System Summary Sheet

PWS ID	PWS Name	Central Registry RN
TX1013079	FULTON CABINS	RN102324811

Organization/Customer *	Central Registry CN
LEE, LU	CN601228190

*Regulatory mail will be addressed to this organization/person

All Water System Contacts

Type	Contact	Communication	
		Phone Type	Value
AC - Administrative Contact	LEE, LU 7811 SANDSPOINT HOUSTON, TX 77036	BUS - Business	713-932-0646
OW - Owner	LEE, LU 7811 SANDSPOINT HOUSTON, TX 77036	BUS - Business	713-932-0646

Operator Grade	Number

Water Operator Licenses

No Licensing Data for this PWS

Owner Type	Owner Type Options: COUNTY, DISTRICT, FEDERAL GOVERNMENT, INVESTOR OWNED, MUNICIPALITY, NATIVE AMERICAN, PRIVATE, STATE GOVERNMENT, WATER SUPPLY CORPORATION
Private	

System Type	System Type Options: COMMUNITY, TRANSIENT/NON-COMMUNITY, NON-PUBLIC, NON-TRANSIENT/NON-COMMUNITY
NP - NON-PUBLIC	

Population Type	Population Served	# of Connect	# I/C w/other PWS
Residential	96	32	0

Total Product (MGD)	Average Daily Consump.	Max Daily Demand (MGD)	Total Storage (MG)	Elev. Storage (MG)	Service Pump Cap.	Max.Purchase Cap. (MGD/GPM)	Pressure Tank Cap. (MG)

Activity Status	Inactivation Date
I - INACTIVE	07/30/1998

Last Survey Date	Surveyor	Survey Type	Region	County
No Site Visit Data				

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP001	TRT-TAP / No Source Listed(A)	FULTON CABINS(I)	TP7137		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	P	341	FILTRATION, CARTRIDGE
null	null	D	423	HYPOCHLORINATION, PRE

(Active Sources)

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth
G1013079A	1 - 7026 FULTON	O	N/A

Code Explanations
Monitoring Type Codes: (GW) GROUNDWATER , (GUP) GROUNDWATER UNDER THE INFLUENCE - PURCHASED , (SWP) SURFACE WATER - PURCHASED , (GU) GROUNDWATER UNDER THE INFLUENCE OF SURFACE WATER , (N) NO SOURCES , (SW) SURFACE WATER
Activity Status Codes: (A) ACTIVE , (D) DELETED/DISSOLVED , (I) INACTIVE , (P) PROPOSED ,
Operational Status Codes: (E) EMERGENCY , (I) INTERIM/PEAK (O) OTHER , (P) PERMANENT , (S) SEASONAL
Source Types: (G) GROUND WATER , (S) SURFACE WATER , (U) GROUND WATER UNDER THE INFLUENCE

- End of Report -

At the time of your query this data was the most current information available from our database, which is in real time. Every effort was made to retrieve it according to your query. Thank-you for using DWW.

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 412 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 48 34 Longitude - 95 22 11 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Lindale Park

Driller - McMasters & Pomeroy

Address _____ Tenant/Oper. _____
Date Drilled - / /1946 Depth - 800 ft. Source of Depth - R Altitude - 62 ft. Source of Alt. -
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____
Completion - _____
Casing Material - _____
Screen Material - _____

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		

Aquifer - 121EVGL
Well No. - 65 14 412

GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-21-3F
Located on map Yes
Received:
Form GW 8 69
Form GW 9

1) OWNER:
Person having well drilled Preston Villa Apartments (Name) Address 2306 W.Alabama, Houston, Tex. (Street or RFD) (City) (State)

Landowner SAME (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris Labor League Abstract No.

NW¼ NE¼ SW¼ SE¼ of Section Block No. Survey
(Circle as many as are known)

miles in (N.E., SW, etc.) direction from (Town).

NORTH

LOCATION OF WELL: 2306 West Alabama, Houston, Texas

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well X Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☐ Industrial ☐ Municipal ☐
Commercial
Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check):
Rotary X Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 4" in. Depth drilled 444 ft. Depth of completed well 444 ft. Date drilled 7/21/67

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	From (ft.)	To (ft.)	Description and color of formation material
0	37	Surface Red Clay	226	257	Sand
37	72	Sand, Broken	257	305	Shale
72	101	Red & White Joint Clay	305	326	Sand
101	120	Sand, Shaley	326	345	Shale, Sandy
120	192	Red Clay	345	371	Sand, Top Light Breakes
192	206	Sand	371	376	Shale
206	216	Tough Clay	376	392	Sand Continued on Reverse
216	226	Sand, Shaley			side.

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall X Gravel packed ☐ Other ☐
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level 211 ft. below land surface Date 7/21/67
Artesian pressure lbs. per square inch Date

9) CASING:
Type: old ☐ New X Steel X Plastic ☐ Other ☐
Cemented from 0 ft. to 402 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	402	9½#

10) SCREEN:
Type LOF Stainless
Perforated ☐ Slotted ☐

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size
2½"	404	414	.012
2½"	424	444	.012

11) WELL TESTS:
Was a pump test made? X Yes ☐ No If yes by whom? With Air

Yield: gpm with ft. drawdown after hrs

Bailer test gpm with ft. drawdown after hrs

Artesian flow gpm Date

Temperature of water

Was a chemical analysis made? ☐ Yes X No

Did any strata contain undesirable water? ☐ Yes ☐ No

Type of water? depth of strata

12) PUMP DATA:
Manufacturer's Name Jacuzzi Bros. Inc.

Type Submersible H.P. 5 HP

Designed pumping rate gpm ☐ gph ☐

Type power unit Electric

Depth to bowls, cylinder, jet, etc., 294' ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME R. B. Lowry (Type or Print) Water Well Drillers Registration No. 146

Address 4012 Fulton Street (Street or RFD) Houston (City) Texas (State)

(Signed) R B Lowry (Water Well Driller) LOWRY WATER WELLS (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

Texas Water Development Board
Well Schedule

State Well Number 6521328 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294415 **Longitude** 952456 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Preston Villa
Apartments

Driller
Lowry Water Wells

Address _____ **Tenant/Oper.** _____

Date Drilled / /1967 **Depth** 444 **Source of Depth** **Altitude** 57 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material**

Completion **Screen Material**

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from_____**to**_____

LIFT DATA - **Pump Mfr. -** _____ **Type -** SUBMERSIBLE PUMP **No. Stages** _____

Bowls Diam - _____ **in.** **Setting -** _____ **ft.** **Column Diam. -** _____ **in.**

Motor Mfr. - _____ **Fuel or Power -** ELECTRIC MOTOR **Horsepower -**

YIELD Flow- _____ **GPM** **Pump** _____ **GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary -** PUBLIC SUPPLY **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1967
-211

Recorded By _____ **Date Record Collected or Updated -** 02/20/2003

Reporting Agency 01

REMARKS -
TWDB Report 178: 30 ft. of screen
between 404 and 444 ft.

Aquifer - 112CHCTL **ID -** 15

CHICOT
AQUIFER,LOWER

TEXAS DEPARTMENT OF WATER RESOURCES

WELL SCHEDULE

Aquifer(s) Evangeline Project No. _____ State Well No. 65-12-904

Field No./Owner's Well No. 1 County Harris

1. Location: ___ ¼, ___ ¼, Section ___, Block ___, Survey _____, Lat. _____, Long. _____

2. Owner: Memorial Village Address: _____

Tenant (other): _____ Address: _____

Driller: Katy Drilling Co. Address: _____

3. Land Surface Elevation: 70 ft. above msl determined by _____

4. Drilled: 12/7 19 59; Dug, Cable Tool, Rotary, Air, _____

5. Depth: Rept. 1570 ft. Meas. _____ ft.

6. Borehole Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed

7. Pump: Mfr. _____ Type T

No. Stages _____, Bowls Diam. ___ in., Setting _____ ft.

Column Diam. _____ in., Length Tailpipe _____ ft.

8. Motor: Mfr. _____ Fuel E HP. 250

9. Yield: Flow ___ gpm, Pump ___ gpm, Meas., Rept., Est. ___ Date ___

10. Performance Test: Date 1/12/60 Length of Test ___ Made by driller

Static Level ___ ft. Pumping Level ___ ft. Drawdown 80 ft.

Production 1000 gpm Specific Capacity 12.5 gpm/ft.

11. Quality: (Remarks on taste, odor, color, etc.) _____

Analyses

Date 1/11/60 Laboratory _____ TDS 456 Sp Cond 765

Date _____ Laboratory _____ TDS ___ Sp Cond ___

12. Other data available (as circled): Pumping Test, Power & Yield Test, Drillers Log, Formation Samples, Geophysical Log(s) _____

CASING, BLANK PIPE & WELL SCREEN
Cemented From ___ ft. to ___ ft.

Diam. (in.)	Type	Setting (feet) from	to
16			935
10		940	1555
		(207' of screen)	

13. Water Level(s): 405.00 ft. ~~rept.~~ meas. 1/19 1982 above/below _____ which is ___ ft. above/below Land Surface

201 ft. rept. meas. 1/12 1960 above/below _____ which is ___ ft. above/below Land Surface

14. Use: Dom., Stock, Public Supply, Ind., Irr., Observation, Other (Test Hole, Oil Test, etc.) _____

15. Recorded by: _____ Source of data: _____ Date: _____

16. Remarks: _____

17. Location or Sketch:

W/L Obs. Well ✓ W/Q Obs. Well ___

State Well No. 65-12-904

TDWR-0308

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-12-90 Dup
Located on map 485
Received: Aug

1) OWNER Memorial Villages Water Authority (Name) Address 8955 Gaylord (Street or RFD) Houston (City) Texas (State) 77024 (Zip)

2) LOCATION OF WELL:
County Harris _____ miles in _____ (N.E., S.W., etc.) direction from Hedwig Village (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
Well No. 65-12-904
☒ See attached map.

3) TYPE OF WORK (Check): ☐ New Well ☐ Deepening ☒ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☐ Industrial ☒ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☒ Other _____

6) WELL LOG:
Date drilled 1-60

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
	Surface	
See Original		

From (ft.)	To (ft.)	Description and color of formation material
See Original		

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☒ Gravel Packed ☐ Other _____
If Gravel Packed give interval ... from 540 ft. to 1570 ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfr., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
16		Steel (old)	0	935	
10		Steel (old)	835	1570	
12		Steel (new)	540	560	250
10		Steel (new)	560	838	250

CEMENTING DATA
Cemented from _____ ft. to _____ ft.
Method used See original
Cemented by _____ (Company or Individual)

9) WATER LEVEL:
Static level 405 ft. below land surface Date 7-81
Artesian flow -0- gpm. Date _____

10) PACKERS: Type Depth
None

11) TYPE PUMP:
☒ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 520 ft.

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

12) WELL TESTS:
☐ Type Test: ☒ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 1,280 gpm with 445 ft. drawdown after 1 hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME James O'Connor (Type or Print) Water Well Drillers Registration No. 999

ADDRESS 5931 Brittmoore Road (Street or RFD) Houston (City) Texas (State) 77041 (Zip)

(Signed) James O'Connor (Water Well Driller) Layne-Western Company, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

65-12-904

HARRIS COUNTY
65-12-9a
65-12-904
BUNKER HILL VILLAGE
HEDWIG VILLAGE
PINE VALLEY
SPRING VALLEY
RESERVOIR

Texas Water Development Board
Well Schedule

State Well Number 6512941 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294652 **Longitude** 953034 **Source of Coords** 1

Owner's Well No. **Location**

Owner
Mem Village
well # 1

Driller

Address **Tenant/Oper.**

Date Drilled / /1981 **Depth** 537 **Source of Depth** **Altitude** 70 **Source of Alt.** M

Well Type W **User** 555700

WELL CONSTRUCTION

Const-Method

Casing Material Blank

Screen Material Blank

Completion

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from_____to_____

LIFT DATA - **Pump Mfr. -** **Type -** blank **No. Stages**

Bowls Diam - **in.** **Setting -** **ft.** **Column Diam. -** **in.**

Motor Mfr. - **Fuel or Power -** blank **Horsepower -**

YIELD Flow- **GPM** **Pump** **GPM** **Meas.,Rept.,Est.-** **Date-**

WATER USE **Primary** - PUBLIC SUPPLY **Secondary** - blank **Tertiary** - blank

OTHER DATA AVAILABLE **Water Levels** - N **Quality** - N **Logs -** **Other Data -**

WATER LEVELS

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -

Aquifer - 112GLFC **ID -** 15

GULF COAST
AQUIFER

STATE OF TEXAS WATER WELL REPORT

1) OWNER: PHOTOCOLOR OF HOUSTON ADDRESS: 3302 AUDLEY CITY: HOUSTON STATE: TX ZIP:
2) LOCATION OF WELL: County: HARRIS miles in W direction from HOUSTON

LEGAL DESCRIPTION: SEE ATTACHED MAP: 00118
Section No.: Block No.: Township:
Abstract No.: Survey Name:
Distance and direction from two intersecting section or survey lines:

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: INDUSTRIAL 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00118

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.0	0	360
5.0	360	381

7) BOREHOLE METHOD:
TWO STRING/B.P. SEAL
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 04/17/89

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	2	SOIL
2	16	CLAY-WHITE
16	60	CLAY / SAND STREAKS
60	230	CLAY-RED
230	244	SAND-WHITE-.006-.008
244	284	CLAY-RED
284	292	SAND-WHITE-.006-.008
292	355	CLAY-RED
355	381	SAND-WHITE-.010-.012
381		CLAY-RED

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	360	
3.0	N	P.V.C. SCH.80	356	361	LINER
3.0	N	P.V.C. - UNDERBAR	361	371	.008
3.0	N	P.V.C. - UNDERBAR	371	381	.010

9) CEMENTING DATA:
Cemented from 260 FT. TO 360 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: ALMEDA WATER WELL

RECEIVED
DEC 1 1989
TEXAS WATER COMMISSION

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 233 FT. DATE: 04/19/89
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 315

14) WELL TEST:
JETTED
YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 381 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY
WELL NO. 65-21-2
LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) _____ (LICENSED WATER WELL DRILLER)
(signed) _____ (REGISTERED DRILLER TRAINEE)

CWB

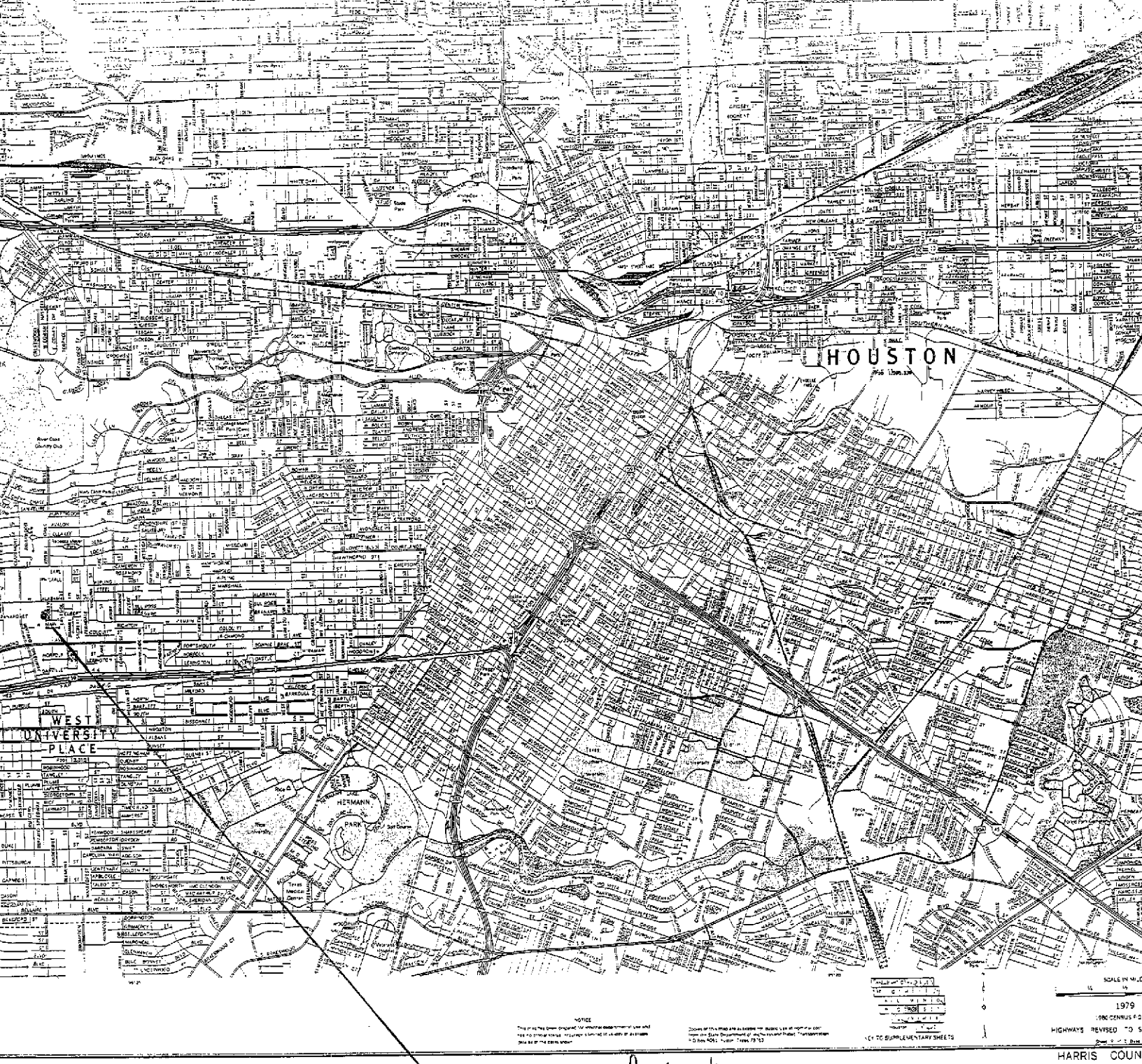


Photo Color of Houston

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-21-326

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6521326
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.738611
Latitude (degrees minutes seconds)	29° 44' 19" N
Longitude (decimal degrees)	-95.408889
Longitude (degrees minutes seconds)	095° 24' 32" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCTL - Chicot Aquifer, Lowe
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	57
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	648
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1964
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Industrial
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Admiral Linen Co.
Driller	B. J. Swinehart Co.
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	2/20/2003
Last Update Date	2/20/2003

Remarks	TWDB Report 178: 50 ft. of screen between 486 and 648 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

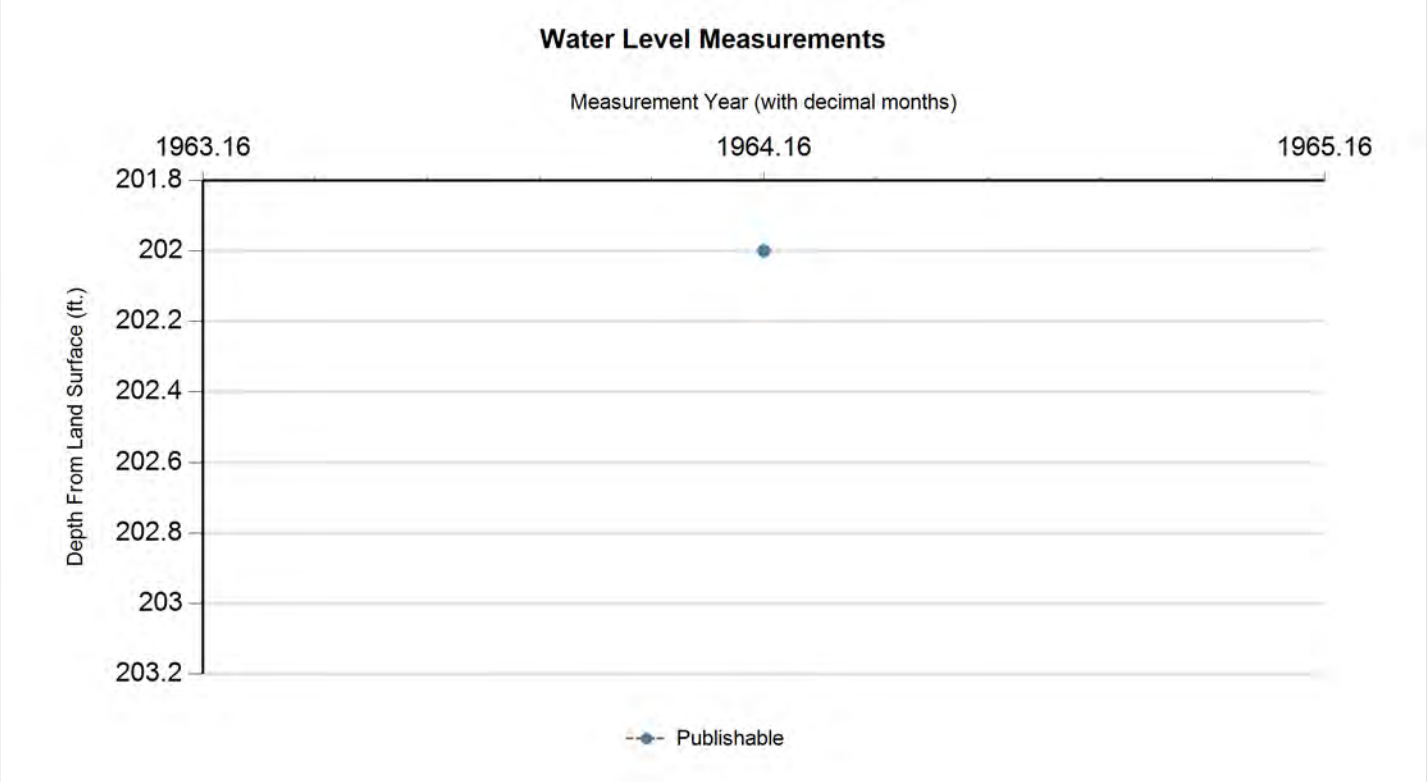
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	0/0/1964		202		-145	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Texas Water Development Board
Well Schedule

State Well Number 6521332 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294423 **Longitude** 952433 **Source of Coords** 1

Owner's Well No. _____ **Location** _____

Owner
Admiral Linen Service

Driller
O'Day Drlg

Address _____ **Tenant/Oper.** _____

Date Drilled / /1984 **Depth** 660 **Source of Depth** D **Altitude** 57 **Source of Alt.** M

Well Type W **User**

WELL CONSTRUCTION

Const-Method Hydraulic Rotary

Casing Material Steel

Screen Material Steel

Completion Screen

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____**to**_____

LIFT DATA - **Pump Mfr. -** _____ **Type -** SUBMERSIBLE PUMP **No. Stages** _____

Bowls Diam - _____ **in.** **Setting -** _____ **ft.** **Column Diam. -** _____ **in.**

Motor Mfr. - _____ **Fuel or Power -** ELECTRIC MOTOR **Horsepower -**

YIELD Flow- _____ **GPM** **Pump** _____ **GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary -** INDUSTRIAL **Secondary -** blank **Tertiary -** blank

OTHER DATA AVAILABLE **Water Levels -** N **Quality -** N **Logs -** **Other Data -**

WATER LEVELS

Recorded By _____ **Date Record Collected or Updated -** 12/15/1987

Reporting Agency

REMARKS -

Aquifer - 112CHCT **ID -** 15

CHICOT
AQUIFER

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, TX 78711-3087

(4)

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, TX 78711-3087
512-371-6299

1) OWNER Mister Car Wash (Name) ADDRESS 3150 Kirby (Street or RFD) Houston, Tx. (City) (State) (Zip)

2) LOCATION OF WELL: County Harris, 4 miles in W (NE, SW, etc.) direction from Houston (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:

Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____

Distance and direction from two intersecting section or survey lines _____

☐ SEE ATTACHED MAP

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☐ Driven ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:

Date Drilling: Started 8/31 1994 Completed 9/3 1994

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
7 7/8	Surface	582

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☒ Other 2 String Cemented

If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	30	Clay
30	200	Sand
200	260	Clay
260	270	Rock
270	300	Shale
300	380	Clay
380	582	Sand

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5	N	PVC Casing	0	490	Sch 40
2½	N	PVC Liner	502	482	Sch 40
2½	N	PVC Screen	502	582	.012

9) CEMENTING DATA [Rule 287.44(1)]

Cemented from 480 ft. to 0 ft. No. of Sacks Used 24

0 ft. to 15 ft. No. of Sacks Used 10

Method Used Halliburton

Cemented by RWW

RECEIVED MAY 02 1995 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

13) TYPE PUMP: ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____

Depth to pump bowls, cylinder, jet, etc., 357 ft.

10) SURFACE COMPLETION

☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]

☒ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]

☐ Pitless Adapter Used [Rule 287.44(3)(B)]

☐ Approved Alternative Procedure Used [Rule 287.71]

14) WELL TESTS: Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated

Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

11) WATER LEVEL:

Static level 175 ft. below land surface Date 9/3/94

Artesian flow _____ gpm. Date _____

15) WATER QUALITY:

Did you knowingly penetrate any strata which contained undesirable constituents?

☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"

Type of water? _____ Depth of strata _____

Was a chemical analysis made? ☐ Yes ☒ No

12) PACKERS:

Type	Depth
K	482

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Robinson Water Well Ser., Inc. (Type or print) WELL DRILLER'S LICENSE NO. 2212

ADDRESS 11819 W. Montgomery (Street or RFD) Houston, Texas 77086 (City) (State) (Zip)

(Signed) Jim Robinson Dg (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. _____ Located on map _____

TWC-0199 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

4820124982

KM-p.492

STATE OF TEXAS WELL REPORT for Tracking #201852

Owner:	**Durden, Denise**	Owner Well #:	**No Data**
Address:	**6520 Knox St. Houston, TX 77091**	Grid #:	**65-13-2**
Well Location:	**6520 Knox St. Houston, TX 77091**	Latitude:	**29° 51' 29" N**
		Longitude:	**095° 25' 22" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/28/2009** Drilling End Date: **10/28/2009**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**7.875**	**0**	**325**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Filter Packed**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
Filter Pack Intervals:	**290**	**325**	**Gravel**	**No. 1**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**20**	**6**

Seal Method: **Pump**

Sealed By: **Comp.**

Distance to Property Line (ft.): **150**

Distance to Septic Field or other concentrated contamination (ft.): **150**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Tape**

Surface Completion: **Surface Slab Installed**

Water Level: **70 ft.** below land surface on **2009-10-28** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **Submersible**

Well Tests: **Jetted** **Yield: 20 GPM with 70 ft. drawdown after 2 hours**

	Strata Depth (ft.)	Water Type
Water Quality:	**No Data**	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Chambers Water Well**

6729 SH 87 S
Shelbyville, TX 75973

Driller Name: **Lewis Harbison** License Number: **1675**

Comments: **^EO**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**30**	**red sand**
30	**300**	**shale**
300	**325**	**sand**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
4"	**N**	**PVC**	**315'-325' 13**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER Spring LAKE Apartments (Name) ADDRESS 10 Newbury Street (Street or RFD) Boston (City) MASS. (State) 02114 (Zip)

2) ADDRESS OF WELL: County Harris 8800 Hammerly (Street, RFD or other) Houston (City) TX (State) (Zip) GRID # 65-13-4

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☑ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) X N

6) WELL LOG:
Date Drilling:
Started 5-2 1995
Completed 5-3 1995

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	350
3 7/8	350	372

7) DRILLING METHOD (Check): ☐ Driven ☐ Air Rotary ☑ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	14	TOPSOIL & CLAY
14	45	SURFACE SAND
45	74	CLAY
74	109	SAND
109	170	CLAY
170	237	SAND
237	300	CLAY
300	372	SAND

(Use reverse side if necessary)

JUN 26 1995

8) Borehole Completion (Check): ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	N	PVC	0	350	
2	N	GALVANIZED	342	352	
2	N	PVC SCREENS	352	372	.014

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 15 ft. No. of sacks used 8
300 ft. to 350 ft. No. of sacks used 3
Method used HALLIBURTON / TRIMMIE
Cemented by BUSSELL & SON INC
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 338.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL:
Static level 220 ft. below land surface Date 5-3-95
Artesian flow ____ gpm. Date

12) PACKERS: Type K-PACKER Depth 342

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS:
Type test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 45 gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME BUSSELL & SON INC (Type or print) WELL DRILLER'S LICENSE NO. 2035

ADDRESS P O Box 874 (Street or RFD) Tomball (City) TX (State) 77377-0874 (Zip)

(Signed) Craig Bussell (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-01-94) TNRCC COPY

4820111053

65.12.65

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

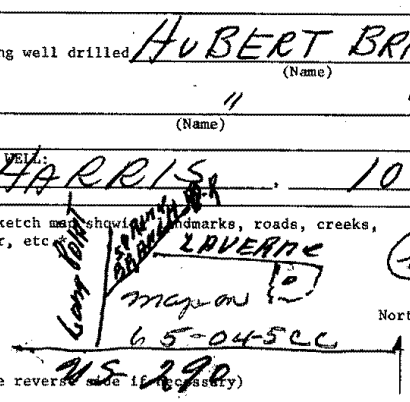
For TWDB use only
Well No. 65-12-65
Located on map yes
Received: 7-9-
dlr

1) OWNER:
Person having well drilled HUBERT BRANDLER (Name) Address 1952 LAVERNE (Street or RFD) HOUSTON (City) TEXAS (State)

Landowner " (Name) " Address " (Street or RFD) " (City) " (State)

2) LOCATION OF WELL:
County HARRIS 10 miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.



(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.
Labor SPRING BRANCH League
Block GARDENS Survey
Abstract No.
(NW¼ NE¼ SW¼ SE¼) of Section

3) TYPE OF WORK (Check): New Well ✓ Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): Rotary ✓ Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 3 7/8 in. Depth drilled 48 ft. Depth of completed well 48 ft. Date drilled 9-19-74

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOP SOIL
2	25	GRAY CLAY
25	38	WHITE SAND
38	40	ROCK
40	48	SAND

(Use reverse side if necessary)

9) Casing:
Type: Old New ✓ Steel Plastic ✓ Other
Cemented from ft. to ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
2	0	40	SCH 40

10) SCREEN:
Type PLASTIC
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2	40	48	8

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 12 ft. below land surface Date 9-19-74
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., 21 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: gpm with ft. drawdown after hrs.
Bailer test gpm with ft. drawdown after hrs.
Artesian flow gpm
Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No.
Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B. LUMPKIN, JR (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 7507 JANAK DR. (Street or RFD) HOUSTON (City) TEXAS (State)

(Signed) John B Lumpkin Jr (Water Well Driller) LONG POINT WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-12-6x
Located on map Yes
Received: O.F.S.

1) OWNER V. L. Dolezal (Name) Address 1946 LAVERNE (Street or RFD) Spring Branch (City) Tex (State) 77080 (Zip)

2) LOCATION OF WELL: County Harris _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

34 ☑ See attached map.

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 14-15 Dec 79

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
10½	Surface	330.
3 3/8	330	340.

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☑ Other Dual String
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	5	Black Gumbo.
5	18	Red yellow Clay.
18	26	red sand
26	41	red Clay
41	74	red sand
74	110	red clay
110	118	Blue Clay
118	180	sand.
180	220	Blue Clay
220	275	Sand
275	330	Blue Clay + sand.

AUG 24 1981
CR/TDWR

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4"	N	PVC	+1	330	40
		PVC	330	340	80
		Liner	330	325	80

CEMENTING DATA
Cemented from 330 ft. to 230 ft.
Method used Pressure
Cemented by Self. (Company or Individual)

9) WATER LEVEL:
Static level 21.5 ft. below land surface Date 15 Dec 79
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 252 ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Randel Johnson (Type or Print) Water Well Drillers Registration No. 1807

ADDRESS 8933 Talcott Ln (Street or RFD) Houston (City) Texas (State) 77049 (Zip)

(Signed) R Johnson (Water Well Driller) Johnson's Water Well Serv. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING PRIVILEGE OF CONFIDENTIALITY

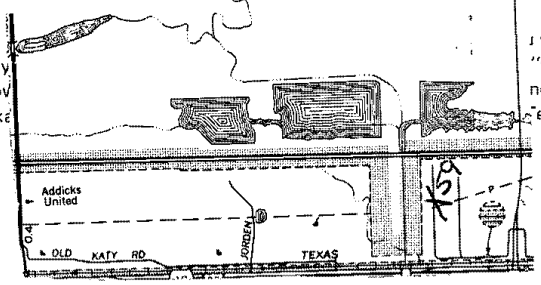
The Water Well Drillers Board and the Department of Water Resources are concerned that some persons having water wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every registered water well driller drilling, deepening, or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within sixty (60) days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

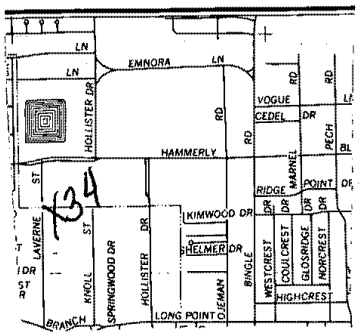
logs of y

the abov

the Texa



wish, assure that "Commission" in now properly means exas 78711).



RECEIVED
AUG 29 1980
DEPT. OF WATER RESOURCES

STATE OF TEXAS WELL REPORT for Tracking #232163

Owner:	**Hawkins, Russell**	Owner Well #:	**Well Log 03755**
Address:	**18 West Lane Houston, TX 77027**	Grid #:	**65-21-2**
		Latitude:	**29° 44' 03" N**
Well Location:	**18 West Lane Houston, TX 77027**	Longitude:	**095° 26' 03" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Irrigation**

Drilling Start Date: **9/2/2010** Drilling End Date: **9/20/2010**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.5**	**0**	**364**
	4.875	**364**	**387**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Two String/K-Packer**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**364**	**88**

Seal Method: **Pressure-Haliburton**

Sealed By: **AWWS**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **No Septic**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Surface Slab Installed**

Water Level: **192 ft.** below land surface on **2010-09-07** Measurement Method: **Unknown**

Packers: **K-Packer 351**
K-Packer 352

Type of Pump: **No Data**

Well Tests: **Jetted** **Yield: 150 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**387**	**Good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Almeda Water Well Service**

PO Box 266
Manvel, TX 77578

Driller Name: **John A. Pyburn** License Number: **843**

Comments: **^EO**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**4**	**fill soil**
4	**10**	**clay-gray clay-red**
10	**16**	**sand-tan-.006-.008**
16	**43**	**clay-red**
43	**60**	**sand-tan-.006-.008**
60	**131**	**clay-red clay-blue**
131	**153**	**sand-tan-.006-.008**
153	**217**	**clay-red clay-blue**
217	**235**	**sand-tan-.006-.008 sand-tan-.010-.012**
235	**277**	**clay-red**
277	**286**	**sand-tan-.006-.008**
286	**301**	**clay-red**
301	**325**	**sand-white-.006-.008**
325	**353**	**clay-red clay-blue**
353	**385**	**sand-white-.006-.008**
385	**387**	**clay-red**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5"	**N**	**PVC SDR 17**	**0'-364' Casing**
3"	**N**	**PVC Sch 40**	**351'-365' Liner**
3"	**N**	**Johnson Super Flow**	**365'-385' .008**
3"	**N**	**PVC Sch 40**	**385'-387' Liner**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Texas Water Development Board
Well Schedule

State Well Number 6514764 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294612 **Longitude** 952225 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
Willborg's Laundry

Driller
Layne Texas

Address _____ **Tenant/Oper.** _____

Date Drilled / /1932 **Depth** 958 **Source of Depth** **Altitude** 51 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material** Blank

Completion **Screen Material** Blank

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____**to**_____

LIFT DATA - **Pump Mfr. -** _____ **Type -** NONE **No. Stages** _____

Bowls Diam - _____ **in.** **Setting -** _____ **ft.** **Column Diam. -** _____ **in.**

Motor Mfr. - _____ **Fuel or Power -** blank **Horsepower -**

YIELD Flow- _____**GPM** **Pump** _____**GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary -** UNUSED **Secondary -** blank **Tertiary -** blank

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** Y **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1932
-70

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
Screen from 903 to 936 ft. Reported yield 110 gpm with 80 ft drawdown when drilled. Well destroyed.

Aquifer - 121EVGL **ID -** 15

EVANGELINE AQUIFER

Texas Water Development Board
Well Schedule

State Well Number 6514702 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294612 **Longitude** 952225 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Southern Pacific
Railroad

Driller
Layne Bowler Co.

Address _____ **Tenant/Oper.** _____

Date Drilled / /1913 **Depth** 774 **Source of Depth** **Altitude** 50 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material**

Completion **Screen Material**

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from_____**to**_____

LIFT DATA - **Pump Mfr. -** _____ **Type -** NONE **No. Stages** _____

Bowls Diam - _____ **in.** **Setting -** _____ **ft.** **Column Diam. -** _____ **in.**

Motor Mfr. - _____ **Fuel or Power -** **Horsepower -**

YIELD Flow- _____**GPM** **Pump** _____**GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary -** UNUSED **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1961
-233.8

Recorded By _____ **Date Record Collected or Updated -** 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: Screen from 722 to 744 ft.

Aquifer - 121EVGL **ID -** 15

EVANGELINE
AQUIFER

WRD Exp. (GW)
April 1966

Well No. LT-65-14-409

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by G. McAdoo / R.K. Gabry 2ch 1963 — Source of data: File — Date 3-4-68 — Map 1:24000 Settegast 1955

State: Texas [48] — County (or town): Harris [LJ]

Latitude: 29 49 01 N — Longitude: 095 22 10 — Sequential number: 1

Lat-long accuracy: 6 — T. ___ N, R ___ W, Sec ___, ___ k, ___ k, ___ k

Local well number: LJ-65-14-409 — Other number: B & M # 4 H-40

Local use: — Owner or name: City of Houston

Owner or name: CITY OF HOUSTON — Address: Lindale Park. King St.

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — M

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (I) Irr, (M) Mnd, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — U

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdrawn, (X) Waste, (Z) Destroyed — U

DATA AVAILABLE: Well data 2 — Freq. W/L meas.: A-35 recorder Continuous 1956 - - [C] — Field aquifer char.

Hyd. lab. data:

Qual. water data: type:

Freq. sampling: None — Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: E-Log 4-21 0-1200 [E]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 1152 ft [1152] Meas. rept. Driller accuracy [3]

Depth cased (first perf.): 732 ft [732] — Casing type: S; Diam. 16 5/8 in [16]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, sd. pt., (T) shored, (W) open hole, (Z) other — G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other — H

Date Drilled: June 1947 [947] — Pump intake setting: ft

Driller: Layne-Texas Co., Houston, Texas (name, address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) mun, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other — N — Deep / Shallow

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. none — Trans. or meter no.

Descrip. MP: top 16" casing +0.5 ft above/below LSD. Alt. MP

Alt. LSD: 66 [66] — Accuracy (source): Topo 5' — 3

Water Level: 140 ft above/below MP; Ft above/below LSD [140] — Accuracy: rept.

Date meas.: June 1947 [647] — Yield: 1040 gpm [1040] — Method determined

Drawdown: 48 ft [48] — Accuracy: rept — Pumping period: — hrs

QUALITY OF WATER DATA: Iron ppm — Sulfate ppm — Chloride ppm — Hard. ppm

Sp. Conduct. X x 10^6 — Temp. °F — Date sampled

Taste, color, etc.

Well No. LT-65-14-409

P2 188 140/48

Well No. LJ-65-14-409

Latitude-longitude 29 d, 49 m, 01 s (N) 095 d, 22 m, 10 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1) Physiographic Province: Coastal Plains (20-21) 03 Section: _____

_____ (22) F Drainage Basin: _____ (23-25) 51R Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27) F

MAJOR AQUIFER: _____ system, _____ series (28-29) T _____ aquifer, formation, group (30-31) E ✓

Lithology: _____ (32-33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35-37) Length of well open to: ✓ 166 ft (38-40) 166 Depth to top of: _____ ft (41-43)

MINOR AQUIFER: _____ system, _____ series (44-45) _____ aquifer, formation, group (46-47)

Lithology: _____ (48-49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51-53) Length of well open to: _____ ft (54-56) Depth to top of: _____ ft (57-59)

* Intervals Screened: 732-752; 809-829; 967-1029; 1076-1140. Adm. Br. WW scr.

Depth to consolidated rock: _____ ft (60-63) Source of data: _____ (64)

Depth to basement: _____ ft (65-68) Source of data: _____ (69)

Surficial material: _____ (70-71) Infiltration characteristics: _____ (72)

Coefficient Trans: _____ gpd/ft (73-75) Coefficient Storage: _____ (76-78)

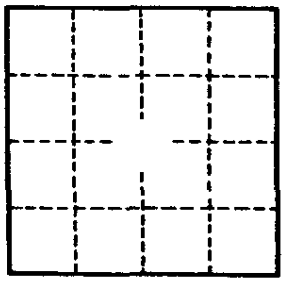
Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)

Csg:

0-546 = 16"
441-1152 = 8 5/8"

recorder installed 7-31-64.

* All scr. .025 ga. except bottom .020 ga.



Well No. LJ-65-14-409

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 419 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 49 14 Longitude - 95 22 19 Source of Coords - 1

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Lone Star Cement Co. Driller - Lowry Water Wells

Address _____ Tenant/Oper. _____
Date Drilled - / /1967 Depth - 465 ft. Source of Depth - Altitude - 69 ft. Source of Alt. -
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER Well Type - W User -

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (
Open Hole (O)
Cemented from _____ to _____

Diam. (in.)	Setting(feet) From	To

LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 20

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- Y Logs- Other Data-

WATER LEVELS Date- 12/20/1967 Measurement- -226.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -
REMARKS -
Screen from 445 to 463 ft.

Aquifer - 112CHCTL
Well No. - 65 14 419

65-12-5H

Send original copy by certified mail to the Texas Water Development Board
P. O. Box 12386
Austin, Texas 78711

State of Texas

WATER WELL REPORT

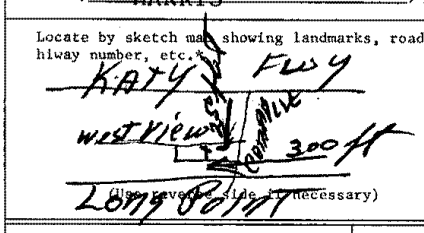
For TWDB use only
Well No. 65-12-5H
Located on map Yes
Received: 71

1) OWNER:
Person having well drilled RICHARDS PRINTING COMPANY (Name) Address 1410 CAMPBELL RD HOUSTON, TEX (Street or RFD) (City) (State)

Landowner HENRY C RICHARDS (Name) Address " " (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS, 15 miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*



(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well XX Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic XX Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary XX Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 5 1/2 in. Depth drilled 60 ft. Depth of completed well 58 ft. Date 11/14/70

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	4	Top soil
4	24	Gray clay
24	28	Rock
28	37	Gray clay
37	60	Brown sand

(Use reverse side if necessary)

9) Casing:
Type: Old New XX Steel X Plastic Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
3	0	48	Standard

10) SCREEN:
Type Plastic
Perforated Slotted xx

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
3	48	58	8

7) COMPLETION (Check):
Straight wall X Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 10 ft. below land surface Date 11/14/70
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 20 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes XX If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes XX
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B. LUMPKIN, JR. (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 1802 ANTOINE (Street or RFD) HOUSTON (City) TEXAS (State) 77055

(Signed) John B. Lumpkin Jr. (Water Well Driller) LONG POINT WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-11-5A
Located on map
Received:
Form GW 8
Form GW 9

1) OWNER:
Person having well drilled Oaks Utility Company (Name) Address 2010 Gessner Rd. Houston, Tex. (Street or RFD) (City) (State)

Landowner Same (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris Labor League Abstract No.

NW¼ NE¼ SW¼ SE¼ of Section Block No. Survey
(Circle as many as are known)

miles in (NE., S.W., etc.) direction from (Town).

NORTH

LOCATION OF WELL: Campbell Rd. & Westview

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☒ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check): Subdivision
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check):
Rotary ☒ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 4" in. Depth drilled 320 ft. Depth of completed well 320 ft. Date drilled 6/30/67

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	From (ft.)	To (ft.)	Description and color of formation material
0	26	Hard Surface Clay	240	255	Sand, Badly Shale Broken
26	60	Fine Broken Sand	255	286	Sand
60	104	Red Clay	286	299	Shale
104	126	Sand & Sand Rock	299	319	Sand
126	134	Red Clay	319	320	Shale
134	174	Sand, Top Light, Broken			
174	209	Tough Clay			
209	240	White Shale			(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall ☒ Gravel packed ☐ Other ☐
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level 154 ft. below land surface Date 6/30/67
Artesian pressure lbs. per square inch Date

9) CASING:
Type: old ☐ New ☒ Steel ☒ Plastic ☐ Other ☐
Cemented from 0 ft. to 275 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	275	

10) SCREEN:
Type LOP Stainless
Perforated ☐ Slotted ☐

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size
2½"	275	285	XX .012
2½"	299	319	.016

11) WELL TESTS:
Was a pump test made? ☒ Yes ☐ No If yes by whom? By Air
Yield: gpm with ft. drawdown after hrs
Bailer test gpm with ft. drawdown after hrs
Artesian flow gpm Date
Temperature of water
Was a chemical analysis made? ☐ Yes ☒ No
Did any strata contain undesirable water? ☐ Yes ☐ No
Type of water? depth of strata

12) PUMP DATA:
Manufacturer's Name Red Jacket Mfg. Co
Type Submersible H.P. 5 HP
Designed pumping rate gpm ☐ gph ☐
Type power unit Electric
Depth to bowls, cylinder, jet, etc., 231' ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME R. B. Lowry (Type or Print) Water Well Drillers Registration No. 146

Address 4012 Fulton Street (Street or RFD) Houston (City) Texas (State)

(Signed) R B Lowry (Water Well Driller) LOWRY WATER WELLS (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

GW

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 12 626 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 47 40 Longitude - 95 30 37 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Spring Branch I.S.D. Driller -

Address _____ Tenant/Oper. _____
Date Drilled - / / Depth - 560 ft. Source of Depth - D Altitude - 80 ft. Source of Alt. - M
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User -

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To

LIFT DATA - Pump Mfr. _____ Type - _____ No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas..Rept..Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- PUBLIC SUPPLY Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data-

WATER LEVELS Date- 10/14/1963 Measurement- -239.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 12/ /1988

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CHCT
Well No. - 65 12 626

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 12 620 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 47 40 Longitude - 95 30 47 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Gulf Oil Co. Driller - Lowry Water Wells

Address _____ Tenant/Oper. _____
Date Drilled - / /1964 Depth - 291 ft. Source of Depth - Altitude - 82 ft. Source of Alt. -
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User -

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (
Open Hole (O)
Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		

LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages _____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data-

WATER LEVELS Date- 05/04/1964 Measurement- -136.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 09/05/2002

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB R178: Screen from 281 to
291 ft.

Aquifer - 112CHCT
Well No. - 65 12 620

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 12 624 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 47 34 Longitude - 95 30 43 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Oaks Utility Co. Driller - Lowry Water Wells
Subd.

Address _____ Tenant/Oper. _____
Date Drilled - 06/30/1967 Depth - 320 ft. Source of Depth - D Altitude - 80 ft. Source of Alt. - M
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User -

WELL CONSTRUCTION Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____

LIFT DATA - Pump Mfr _____ Type - SUBMERSIBLE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 5.0

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- PUBLIC SUPPLY Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- D Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 11/02/1998

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

8/10/65

2F

GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-2F
Located on map 109
Received: 69
Form GW 8
Form GW 9

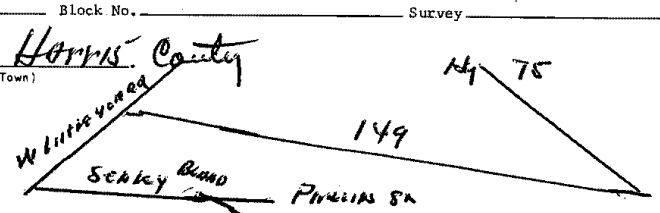
1) OWNER:
Person having well drilled Joseph N Skipper (Name) Address 6631 Phillips Row Tex (Street or RFD) (City) (State)

Landowner Same (Name) Address Same. (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris Labor ____ League ____ Abstract No. ____

NW¼ NE¼ SW¼ SE¼ of Section N.W. Block No. ____ Survey ____
(Circle as many as are known)

miles in 9 (N.E., S.W., etc.) direction from N. W. Harris County (Town)



Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and streets.

3) TYPE OF WORK (Check): New Well ☑ Deepening ☐ Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check): Domestic ☑ Industrial ☐ Municipal ☐ Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check): Rotary ☐ Driven ☐ Dug ☐ Drilled Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 24 in. Depth drilled 50 ft. Depth of completed well 50 ft. Date drilled 8/10/65

All measurements made from 50 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	From (ft.)	To (ft.)	Description and color of formation material
0	30	CLAY ROCK			
30	40	CLAY.			
40	50	SAND & WATER 1			
					(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall ☐ Gravel packed ☐ Other ☐
Under reamed ☐ Open hole ☑

8) WATER LEVEL:
Static level ____ ft. below land surface Date ____
Artesian pressure ____ lbs. per square inch Date ____

9) CASING:
Type: old ☐ New ☑ Steel ☐ Plastic ☐ Other ☐
Cemented from None ft. to ____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage

10) SCREEN:
Type None.
Perforated ☐ NO Slotted ☐ NO

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size

11) WELL TESTS:
Was a pump test made? ☐ Yes ☑ No If yes by whom?

Yield: ____ gpm with ____ ft. drawdown after ____ hrs
Bailer test ____ gpm with ____ ft. drawdown after ____ hrs
Artesian flow ____ gpm Date ____
Temperature of water None
Was a chemical analysis made? ☐ Yes ☐ No
Did any strata contain undesirable water? ☐ Yes ☐ No
Type of water? ____ depth of strata ____

12) PUMP DATA:
Manufacturer's Name ____
Type ____ H.P. ____
Designed pumping rate None gpm ☐ gph ☐
Type power unit ____
Depth to bowls, cylinder, jet, etc., ____ ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Raymond Harris (Type or Print) Water Well Drillers Registration No. 861

Address 1702 W. Little York (Street or RFD) (City) (State)

(Signed) Raymond Harris (Water Well Driller) Raymond Harris (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

24

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

#5

For TWDB use only
Well No. 65-13-24
Located on map
Received: 7-3

1) OWNER:
Person having well drilled Cameron Iron Works, Social Club (Name) Address 4905 Alvin, Houston, Texas 77033 (Street or RFD) (City) (State)

Landowner Cameron Iron Works, Social Club (Name) Address 4905 Alvin, Houston, Texas 77033 (Street or RFD) (City) (State)

Well Located at 1620 Bland St./Houston, Texas

2) LOCATION OF WELL:
County Harris, _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

See Reverse Side for Map

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well X Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic Industrial Municipal X
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary X Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 4 in. Depth drilled 300 ft. Depth of completed well 300 ft. Date drilled 7-9-73

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	24	Surface White & Red Clay
24	48	Tough Red Clay
48	72	Tough Clay Light Sand Brks
72	144	Clay
144	154	Sand
154	168	Clay
168	250	Clay Light Sand Breaks
250	258	Sand
258	266	Clay
266	279	Sand
279	288	Clay
288	300	Sand

(Use reverse side if necessary)

9) Casing:
Type: Old New X Steel Plastic Other
Cemented from 0 ft. to 269 ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage

10) SCREEN:
Type Stainless Steel Rod Base
Perforated X Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2½	299	300	
2½	294	299	.012
2½	264	294	

7) COMPLETION (Check):
Straight wall X Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 190 ft. below land surface Date 7-9-73
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 231 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No X If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No X
Did any strata contain undesirable water? Yes No.
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME R. B. Lowry (Type or Print) Water Well Drillers Registration No. 146

ADDRESS 4012 Fulton St. / P. O. Box 8707 / Houston, Texas 77009 (Street or RFD) (City) (State)

(Signed) R B Lowry (Water Well Driller) LOWRY WATER WELLS (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

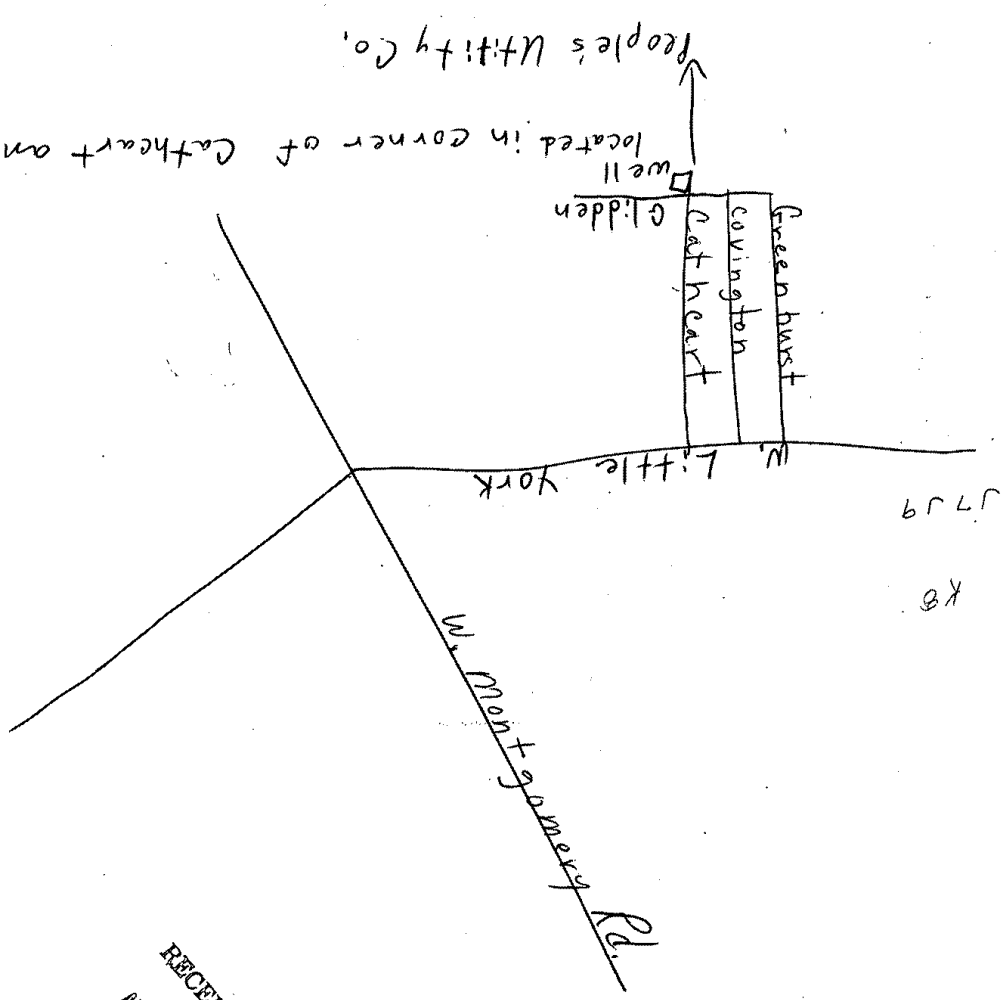
2) LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area. e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.



RECEIVED
APR 17 '79
CR/TDWR

RECEIVE
MAR 24 1980
DEPT. OF
WATER RESOURCES

65-13-2N

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-2N
Located on map YES
Received: TH

1) OWNER:
Person having well drilled People's Utility Co. (Name) Address Cathcart - Houston, (Street or RFD) (City) Texas (State)

Landowner Same as above (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris, _____ miles in _____ direction from _____ (N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*
reverse side
see ~~attached map~~
North
(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.
Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic Industrial Municipal
Irrigation Test Well Other ✓ Subdivision

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 3/4 in. Depth drilled 414 ft. Depth of completed well 414 ft. Date drilled 10-19-79

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil
3	47	Clay
47	121	red Clay
121	154	Sand
154	236	Clay
236	257	Sand
257	268	Clay
268	278	Sand
278	294	Clay
294	299	Sand
299	313	Clay
313	to 345	Sand
345	to 346	clay
346	to 358	Sand
358	to 369	Clay
369	to 385	Sand
385	to 390	Clay
390	to 414	Sand

(Use reverse side if necessary)

9) Casing:
Type: Old New ✓ Steel Plastic ✓ Other
Cemented from 0 ft. to 380 ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4"	0	380	40
2½"	374	394	40

10) SCREEN:
Type Plastic
Perforated Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2½"	394	414	14

7) COMPLETION (Check):
Straight wall Gravel packed Other ✓
Under reamed Open Hole Lead Seal

8) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Schoppa Water Well Ser. (Type or Print) Water Well Drillers Registration No. 582

ADDRESS 5622 Spring-Cypress Rd. (Street or RFD) Spring, (City) Texas (State) 77379

(Signed) Pride Schoppa (Water Well Driller) Schoppa Water Well Ser. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

3T

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-19-37
Located on map
Received:

1) OWNER:
Person having well drilled D.C. HOLMAN (Name) Address 1839 LAVERNE (Street or RFD) HOUSTON (City) TEXAS (State)

Landowner D.C. HOLMAN (Name) Address " (Street or RFD) " (City) (State)

2) LOCATION OF WELL:
County HARRIS, 10 miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway numbers, etc.*

LAVERNE
SPRING BRANCH DR
LONG POINT
North

(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic ✓ Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 3 7/8 in. Depth drilled 57 ft. Depth of completed well 57 ft. Date drilled 8-18-73
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOP SOIL
2	20	GRAY CLAY
20	28	WHITE SAND
28	31	ROCK
31	57	SAND

(Use reverse side if necessary)

9) Casing:
Type: Old ✓ New Steel Plastic ✓ Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
2	0	49	SCH 40

10) SCREEN:
Type PLASTIC
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2	49	57	8

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 12 ft. below land surface Date 8-18-73
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 31 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B. LUMPKIN, JR (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 7507 JANAK DR. (Street or RFD) HOUSTON (City) TEXAS (State)

(Signed) John B. Lumpkin Jr (Water Well Driller) LONG POINT WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDB-WD-8

4820109078

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Te[redacted]partment of License and Regula[redacted]

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

1) OWNER — A. WELL IDENTIFICATION AND LOCATION DATA

Name	Address	City	State	Zip
Burt Kopecky	1918 Laverne	Houston	TX	77080

2) WELL LOCATION

County	Physical Address	City	State	Zip
Harris 101	Same			

3) Type of Work
☑ New Well ☐ Deepening ☐ Reconditioning

Lat. | Long. | Grid # 65-12-6

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 2/6/01
Completed 2/6/01

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
7	Surface	42

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft)	To (ft)	Description and color of formation material
0	16	Yellow clay
16	27	Sand & Clay
27		Rock
27	42	Sand 10 Clay

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☑ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☐ Other
If Gravel Packed give the interval from ____ ft. to ____ ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
4	N	Casing Plastic	surface	32	Sch 40
4	N	Screen Plastic	32	42	.008

9) Cementing Data
Cementing from 32 ft. to Surface # of sacks used 15
ft. to ____ ft. # of sacks used ____
Method Used Pressure
Cementing By Raymond Services Inc.
Distance to septic system field or other concentrated contamination ____ ft.
Method of verification of above distance Customer

10) Surface Completion
☐ Specified Surface Slab Installed
☑ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level 17 ft. below Date 2/6/01
Artesian Flow ____ gpm. Date ____

12) Packers Type Depth
Formation 32

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Typepump
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc. ____ ft.

15) Water Test
Typetest ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 20 gpm with ____ ft. drawdown after ____ hrs.

16) Water Quality
Did you knowingly penetrate and strata which contain undesirable constituents.
☐ YES ☑ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water ____ Depth of Strata ____
Was a chemical analysis made ☐ Yes ☐ No

RECEIVED NOV 18 2004 TCEQ - CENTRAL FILE ROOM

FILE ID SEQ # EMP # DESC CO APR 06 2001

Company or individual's Name (type or print): Raymond Services, Inc.

Address 10011 Airline Drive | City Houston | State TX | Zip 77037

Signature (Licensed Driller/Pump Installer) 2/6/01 Date | Signature (Approved) 2/6/01 Date

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-905

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by (Nadel) McAdoo (1961) & (Golzgsch) (1963) Source of date File Date 2-16-68 Map Houston Heights 1955 1:24000

State Texas 48 County (or town) Harris LJ

Latitude: 29 45 45 N S (deg 7 min 9 sec 11) Longitude: 095 22 38 (12 degrees 15 min sec 18) Sequential number: 1 (19)

Lat-long accuracy: 1 (20) T. ___ N S, R ___ E W, Sec ___, ___ ¼, ___ ¼, ___ ¼

Local well number: LJ-65-13-905 (21–30) Other number: B & M C-21

Local use: (35–40, 45, 51) Owner or name: City of Houston

Owner or name: CITY OF HOUSTON (52–56, 61, 66) Address: Central Plant

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist ___ (67) M

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mad, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other ___ (68) P

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Φ) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdrw, (X) Waste, (Z) Destroyed (69) W

DATA AVAILABLE: Well data 1 (70) Freq. W/L meas.: Annual 1957- A (71) Field aquifer char. (72)

Hyd. lab. data: (73)

Qual. water date; type: (74)

Freq. sampling: 3-31-57 A (75) Pumpage inventory: yes no, period: (76)

Aperture cards: yes (77)

Log data: E-Log (0-2508) T-34 E (78, 79)

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD (19) Depth well: 2020 ft (20–23) Meas. Rept Driller accuracy (24) 3

Depth cased (first perf.): 745 ft (25–28) Casing type: S; Diam. 24-12 in (29, 30) 24

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other (31) G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other (32) H

Date Drilled: 2-4-57 (33–35) 957 Pump intake setting: ___ ft (34, 36)

Driller: Texas Water Wells, Inc. Houston, Texas (name, address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other (39) T Deep Shallow (40) D

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 250 (41) W Trans. or meter no.

Descrip. MP Top of 2½" agitator pipe +25 ft above below LSD Alt. MP

Alt. LSD: 43 (42–45) 43 Accuracy (source): Topo 5' (47) 3

Water Level 238.78 ft above below MP; Ft above below LSD (46–51) 236 Accuracy: Meas (52) A

Date meas: 3-27-57 (53–55) 357 Yield: 2939 gpm (56–60) 2939 Method determined (61) 4

P/L=311

Drawdown: 72 ft (62–64) 72 Accuracy: 3-27-57 Meas (65) O Pumping period 96 hrs (66–68) 96

QUALITY OF WATER DATA: Iron ___ ppm (69) Sulfate ___ ppm (70) Chloride ___ ppm (71) Hard. ___ ppm (72)

Sp. Conduct ___ K x 10^6 (73) Temp. ___ °F (74–76) Date sampled (77–79)

Taste, color, etc.

Well No. LJ-65-13-905

Well No. LJ-65-13-905

Latitude-longitude 29 d, 45 m, 45 s 095 d, 22 m, 38 s, 1

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1) Physiographic Province: Coastal Plain (19) 03 (20-21) Section:

F (22) Drainage Basin: 5 1 17 (23-25) Subbasin: (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat (27)

MAJOR AQUIFER: system, series T (28-29) aquifer, formation, group E (30-31)

Lithology: (32-33) Origin: (34) Aquifer Thickness: ft

(35-37) Length of well open to: 410 ft 4 1 0 (38-40) Depth to top of: ft (41-43)

MINOR AQUIFER: system, series (44-45) aquifer, formation, group (46-47)

Lithology: (48-49) Origin: (50) Aquifer Thickness: ft

(51-53) Length of well open to: ft (54-56) Depth to top of: ft (57-59)

Intervals Screened: * 745 - 2000

Depth to consolidated rock: ft (60-63) Source of data: (64)

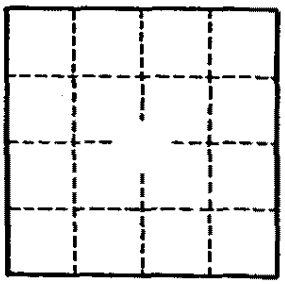
Depth to basement: ft (65-68) Source of data: (69)

Surficial material: (70-71) Infiltration characteristics: (72)

Coefficient Trans: ✓ gpd/ft (73-75) Coefficient Storage: (76-78)

Coefficient Perm: ✓ gpd/ft^2; Spec cap: ✓ gpm/ft; Number of geologic cards: (79)

* screen:
745 - 760
780 - 790
840 - 855
870 - 880
900 - 930
965 - 975
1145 - 1185
1220 - 1230
1260 - 1275
1285 - 1300
1310 - 1325
1355 - 1380
1405 - 1420
1460 - 1505
1585 - 1600
1660 - 1670
1760 - 1770
1900 - 1930
1925 - 2000



CSG:
24" 0 - 606
12" 506 - 2020

Well No. LJ-65-13-905

GPO 857-700

Texas Water Development Board

Chemical Water Analysis Report

GWN- EZ .PPO. 1552
(Nitrogen Cycle)

TWDB Use Only
Work No. 320-3202
IAC No.

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: Phil Nordstrom
State Well Number: 65-B-9
County: Harris
Date & Time: 6/5/90 11:25
Owner: City of Houston - Central #20
☑ Send Copy To Owner Attn: Tony Baker
Address: P.O. Box 1562 - Houston, Tx. 77251
Sampled After Pumping: DOA Hours
Date Drilled: Depth: Yield: GPM ☐ Measured ☐ Estimated
Collection Point: Faucet pH 7.96 Use: PS Temperature: 29.1 °C
By: E. Zapata - D. Jones
Specific Conductance: 679

KEY PUNCHED

Requested Chem[redacted]

Laboratory No.: [redacted] Date Received: JUN 8 1990 Date Reported: JUN 14 1990

THD-Sample No. EB0 1436 Date Received 06/08/90 Date Reported 06/13/90

		MG/L			MG/L
Nitrate as N	(00618)	< 0.01			
KJE as N	(00623)	0.1	Ammonia as N	(00608)	0.09
			Nitrite as N	(00613)	< 0.01
			Orthophosphate as P	(00671)	0.04

*Note: To convert NO_3-N to NO_3, multiply by 4.427.

890091-D

Texas Water Development Board

Chemical Water Analysis Report

MISC- EZ .A90. 1552

TWDB Use Only
Work No. 320-3202
IAC No.

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: Phil Nordstrom

State Well Number: 65-13-9

County: Harris

Date & Time: 6/5/90 11:25

Owner: City of Houston - Central #20

☒ Send Copy To Owner Attn. Tony Baker

Address: P.O. Box 1562 Houston, Tx. 77251

Sampled After Pumping: POA Hours

Date Drilled: _____ Depth: _____

Yield: _____ GPM ☐ Measured ☐ Estimated

Collection Point: Faucet pH 7.96

Use: PS Temperature: 29.1 °C

By: D. Jones & E. Zapata

Specific Conductance: 679

Requested Che[redacted]

KEY PUNCHED

Laboratory No.: [redacted]

Date Received: JUN 8 1990 Date Reported: JUN 27 1990

THD-Sample No. EB0 1478 Date Received 06/08/90 Date Reported 06/26/90

		MG/L	MG/L
TOC	(00680)	< 1	

890091-A

Texas Water Development Board

Chemical Water Analysis Report

GWR- EZ - AAO - 1552
(Anions)

TWDB Use Only	
Work No.	320-3202
IAC No.	~~320-3202~~

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: Phil Nordstrom
State Well Number: 65-13-905
County: Harris
Date & Time: 6/5/90 11:25
Owner: City of Houston - Central #20
☑ Send Copy To Owner Attn. Tony L. Baker
Address: P.O. Box 1560 - Houston, Tx. 77251
Sampled After Pumping: POA Hours
Date Drilled: _____ Depth: _____
Yield: _____ GPM ☐ Measured ☐ Estimated
Collection Point: Faucet pH 7.96
Use: Public Supply Temperature: 29.1 °C
By: D. Jones & E. Zapata
Specific Conductance: 679

KEY PUNCHED

Requested Che[redacted]

Laboratory No.: [redacted] Date Received: JUN 8 1990 Date Reported: JUN 20 1990

THD-Sample No. EBO 1444 Date Received 06/08/90 Date Reported 06/18/90

		MEQ/L	MG/L
Silica	(00955)		16
Sulfate	(00946)	0.04	2
Chloride	(00941)	1.92	68
Fluoride	(00950)	0.04	0.78
P.Akalinity	(00415)	0.00	0
T.Akalinity	(00410)	5.40	270
Iodide	(71865)		< 0.1
Boron	(*****)		0.31
Bromide	(71870)		< 0.1

890091-C

Texas Water Development Board

Chemical Water Analysis Report

HM- EZ - 1990 - 1552

HM = Heavy Trace and Alkaline-Earth Metals

TWDB Use Only

Work No. 320-3202

IAC No. _____

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: Phil Nordstrom

State Well Number: 65-13-9

County: Harris

Date & Time: 6/5/90 11:25

Owner: City of Houston - Central #20

☑ Send Copy To Owner Attn: Tony Baker

Address: P.O. Box 1562 - Houston, Tx. 77251

Sampled After Pumping: PUA Hours

Date Drilled: _____ Depth: _____

Yield: _____ GPM ☐ Measured ☐ Estimated

Collection Point: Faucet pH 7.96

Use: PS Temperature: 29.1 °C

By: E. Zapata & D. Jones

Specific Conductance: 679

KEY PUNCHER

Requested Ch[redacted]

Laboratory No.: [redacted]

Date Received: JUN 8 1990

Date Reported: JUL 16 1990

		me/l	mg/l			me/l	mg/l
Calcium	(00915)		14	Sodium	(00930)		152
Magnesium	(00925)		4.2	Potassium	(00935)		2.4

		µg/l			µg/l
Aluminum	(01106)	<50	Manganese	(01056)	<20
Arsenic	(01000)	<10	Mercury	(71890)	<0.2
Barium	(01005)	243	✓ Molybdenum*	(01062)	<20
Cadmium	(01025)	<10	Selenium	(01145)	<2
Chromium	(01030)	<20	Silver	(01075)	<10
Copper	(01040)	<20	✓ Strontium*	(01080)	~~480~~ 490
Iron	(01046)	60	✓ Vanadium*	(01085)	<20
Lead	(01049)	<50	Zinc	(01090)	<20

* Do not analyze unless it is checked.
Note: Crossout those elements not to be analyzed.

890091-E

Texas Water Development Board

Chemical Water Analysis Report

RAD - EZ . AAO . 1552
RAD = Radioactivity Sample

TWDB Use Only
Work No. 320-3202
IAC No. _____

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: Phil Nordstrom
State Well Number: 65-13-9
County: Harris
Date & Time: 6/5/90 11:25
Owner: City of Houston - Central #20
☑ Send Copy To Owner Attn: Tony Baker
Address: P.O. Box 1560 - Houston, Tx. 77251
Sampled After Pumping: POA Hours
Date Drilled: _____ Depth: _____ Yield: _____ GPM ☐ Measured ☐ Estimated
Collection Point: Faucet pH 7.96 Use: PS Temperature: 29.1 °C
By: D. Jones & R. Zapata
Specific Conductance: 679

KEY PUNCHED

Requested Che[redacted]
Laboratory No.: [redacted] Date Received: JUN 08 1990 Date Reported: JUL 13 1990

Alpha	(01503)	2.8 ± 2.0	pCi/l
Beta	(03503)	< 4.0	pCi/l
Radium 226	(09503)		pCi/l
Radium 228	(81366)		pCi/l
Total Radium*	(11500)		pCi/l
Thorium*	(26403)		pCi/l
Uranium*	(22703)		pCi/l

* Do not analyze unless it is checked *yes*.

890091-F

Texas Water Development Board

Chemical Water Analysis Report

MISC- EZ .990. 1552

TWDB Use Only
Work No. 320-3202
IAC No.

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: Phil Nordstrom

State Well Number: 65-13-9

County: Harris

Date & Time: 6/5/90 11:25

Owner: City of Houston - Central #20

☑ Send Copy To Owner Attn: Tony Baker

Address: P.O. Box 1562D - Houston, Tx. 77251

Sampled After Pumping: POA Hours

Date Drilled: _____ Depth: _____

Yield: _____ GPM ☐ Measured ☐ Estimated

Collection Point: Faucet pH 7.86

Use: PS Temperature: 29.1 °C

By: D Jones & E. Zapata

Specific Conductance: 679

Requested Che[redacted]

KEY PUNCHED

JUN 08 1990

JUN 20 1990

Laboratory No.: [redacted]

Date Received: _____

Date Reported: 19JUN90

VOA

890091-A

TEXAS DEPARTMENT OF HEALTH
GC/MS ANALYSIS REPORT
EPA PRIORITY POLLUTANTS

ANALYST: C. Sherman DATE: 6/18/90

TDH SAMPLE NUMBER: EB 1406
TWC SAMPLE NUMBER:

*DETECTION LIMITS ARE APPROXIMATE

*KEY PUNCHED

SAMPLE TYPE: H_2O

SAMPLE CONDITION: Intact

ACID EXTRACTABLES IN (CHECK ONE) ( ) MICROGRAMS/LITER ( ) MILLIGRAMS/KILOGRAM :

NAME	AMT	NAME	AMT	NAME	AMT
PHENOL	----	4-CHLORO-3-CRESOL	----	4-NITROPHENOL	---
CHLOROPHENOL	----	2,4,6-TRICHLOROPHENOL	----	2,6-DINITRO-2-CRESOL	---
2-NITROPHENOL	----	2,4-DIMETHYLPHENOL	----	PENTACHLOROPHENOL	---
TRICHLOROPHENOL	----	2,4-DINITROPHENOL	----		

NEUTRAL EXTRACTABLES IN (CHECK ONE) ( ) MICROGRAMS/LITER ( ) MILLIGRAMS/KILOGRAM :

NAME	AMT	NAME	AMT	NAME	AMT
N-NITROSO-N-DIMETHYLAMINE	----	ACENAPHTHYLENE	----	FLUORANTHENE	---
bis-(2-CHLOROETHYL) ETHER	----	DIMETHYL PHTHALATE	----	PYRENE	---
1,3-DICHLOROBENZENE	----	2,6-DINITROTOLUENE	----	BENZIDINE	---
1,4-DICHLOROBENZENE	----	ACENAPHTHENE	----	BUTYLBENZYL PHTHALATE	---
1,2-DICHLOROBENZENE	----	2,4-DINITROTOLUENE	----	BENZ(a)ANTHRACENE	---
bis-(2-CHLOROISOPROPYL)ETHER	----	FLUORENE	----	CHRYSENE	---
HEXACHLOROETHANE	----	4-CHLOROPHENYL PHENYL ETHER	----	3,3'-DICHLOROBENZIDINE	---
N-NITROSO-DI-n-PROPYLAMINE	----	DIETHYL PHTHALATE	----	bis-(2-ETHYLHEXYL)PHTHALATE	---
NITROBENZENE	----	DIPHENYLAMINE	----	DI-n-OCTYL PHTHALATE	---
ISOPHORONE	----	N-NITROSODIPHENYLAMINE	----	BENZO(b)FLUORANTHENE	---
bis-(2-CHLOROETHOXY)METHANE	----	1,2-DIPHENYLHYDRAZINE	----	BENZO(k)FLUORANTHENE	---
1, 2, 4-TRICHLOROBENZENE	----	4-BROMOPHENYL PHENYL ETHER	----	BENZO(a)PYRENE	---
NAPHTHALENE	----	HEXACHLOROBENZENE	----	INDENO(1,2,3-cd)PYRENE	---
HEXACHLOROBUTADIENE	----	PHENANTHRENE	----	DIBENZ(a,h)ANTHRACENE	---
HEXACHLOROCYCLOPENTADIENE	----	ANTHRACENE	----	BENZO(ghi)PERYLENE	---
2-CHLORONAPHTHALENE	----	DI-n-BUTYL PHTHALATE	----		

PESTICIDES IN (CHECK ONE) ( ) MICROGRAMS/LITER ( ) MILLIGRAMS/KILOGRAM :

NAME	AMT	NAME	AMT	NAME	AMT
alpha-BHC	----	ALDRIN	----	beta-ENDOSULFAN	---
gamma-BHC	----	4-4'-DDE	----	ENDOSULFAN SULFATE	---
beta-BHC	----	DIELDRIN	----	ENDRIN	---
delta-BHC	----	4,4'-DDD	----	alpha-ENDOSULFAN	---
HEPTACHLOR	----	4,4'-DDT	----	HEPTACHLOR EPOXIDE	---
ENDRIN ALDEHYDE	----				

VOLATILE ORGANICS IN (CHECK ONE) (✓) MICROGRAMS/LITER ( ) MILLIGRAMS/KILOGRAM :

NAME	AMT	NAME	AMT	NAME	AMT
CHLOROMETHANE	<5	1,2-DICHLOROETHANE	<2	1,1,2-TRICHLOROETHANE	<2
BROMOMETHANE	--	CARBON TETRACHLORIDE	--	2-CHLOROETHYLVINYL ETHER	--
VINYL CHLORIDE	--	BROMODICHLOROMETHANE	--	TRICHLOROETHYLENE	--
CHLOROETHANE	--	BENZENE	--	BROMOFORM	--
TRICHLOROFLUOROMETHANE	<2	DIBROMOCHLOROMETHANE	--	TOLUENE	--
CHLOROFORM	--	1,1,1-TRICHLOROETHANE	--	ETHYLBENZENE	--
METHYLENE CHLORIDE	--	1,2-DICHLOROPROPANE	--	1,1,2,2-TETRACHLOROETHANE	--
1,1-DICHLOROETHYLENE	--	trans-1,3-DICHLOROPROPYLENE	--	TETRACHLOROETHYLENE	--
1,1-DICHLOROETHANE	--	cis-1,3-DICHLOROPROPYLENE	--	CHLOROBENZENE	--
trans-1,2-DICHLOROETHYLENE	--			TOTAL XYLENES	--

TENTATIVE IDENTIFICATION OF THE TEN LARGEST NON-PRIORITY POLLUTANT PEAKS BY COMPARISON WITH EPA/NIH MASS SPECTRAL LIBRARY. QUANTITATION AS INTERNAL STANDARD IS PROVIDED, AND THE VALUES SHOULD BE REGARDED AS APPROXIMATE.

TENTATIVE COMPOUND IDENTIFICATION	APPROXIMATE CONCENTRATIONS (✓) MICROGRAMS/LITER ( ) MILLIGRAMS/KILOGRAM
SEMI-VOLATILES	AS D10-ANTHRACENE
VOLATILES	AS D5-CHLOROBENZENE
none	

* COMMON LAB CONTAMINANTS
** REPORTED AT LESS THAN QUANTITATION LIMITS

COMMENTS AND OTHER REQUESTED ANALYSIS:

SIGNATURE: [illegible] DATE: 19 JUNE 90

Rev. 5/87

Austin, Texas

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 45 45	095 22 38	01

County code 101 County Harris

Well # LJ-65-13-905

Project number T-4648-01000

Date 9-17-76 Time 1415 Temp°C ?

Owner City of Houston

Address Central No. C-21

Date drld — WBF code 121 Evgl

Sample interval: (top) 745 (bottom) 2000

Water level — Appr Clear Use PS

Collector ~~[illegible]~~ BEZANT Yield — GPM

Smpld aftr pmpg on arrival Depth —

Pt of coll tap on discharge

Field: Cond — pH — HCO_3 — DO —

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Special chem schedule I

Other

Herbicide Insecticide

Remarks:

Type 2 Station identification number 29454509522380 1 2 9 16

Y M D 760917 17 Begin 22

Time of measurement 29 32

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	7450	03	
Sample interval BOTTOM	72016	2000	04	
Water level	72019			

Sampled after pumping	Parameter code	Value	Exp.	Rmk	
	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010				
pH	00400	7700	01		7.7
Specific conductance	00095	7010	03		701
HCO_3	00440	3260	03		326
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6500	01		65
Sulfate (SO_4)	00945	4000	01		4.0
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020973

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 45 46	095 22 38	01

County code 201 County HARRIS

Well # LJ-65-13-905

Project number 7-4648-01000

Date 2-10-77 Time — Temp°C 28.0

Owner CITY OF HOUSTON

Address CENTRAL C-21

Date drld — WBF code 121 Evgl

Sample interval: (top) 745 (bottom) 2000

Water level — Appr CLEAR Use PS

Collector P. BUTLER Yield — GPM

Smpld aftr pmpg Depth —

Pt of coll TAP ON DISCHARGE

Field: Cond pH HCO_3 DO

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule

Other I

Herbicide Insecticide

Remarks:

Type 2 (1) Station identification number 29454509522380 1 (2–9) 16

Y M D (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk	
Depth	72008				
Yield (GPM)	00059				
Sample interval TOP	72015	7450	03		
Sample interval BOTTOM	72016	2000	04		
Water level	72019				

Sampled after pumping	Parameter code	Value	Exp.	Rmk	
	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2800	02		28.0
pH	00400	8000	01		8.0
Specific conductance	00095	7090	03		709
HCO_3	00440	2580	03		258
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6600	02		66
Sulfate (SO_4)	00945	4000	01		4.0
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31625				
Strep-tococci	31673				
BOD	00310				

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

015480

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 45 45	095 22 38	1

County code 201 County HARRIS

Well # LJ-65-13-905

Project number 564801000

Date 4-15-75 Time _____ Temp°C 27.0

Owner City of Houston

Address Central 21

Date drld 2-4-57 WBF code 112 Fwgl

Sample interval: (top) 745 (bottom) 2000

Water level _____ Appr _____ Use P.S.

Collector VAUGHT Yield _____ GPM

Smpld aftr pmpg _____ Depth _____

Pt of coll Faucet on side of pipe

Field: Cond _____ pH _____ HCO_3 _____ DO _____

Indicate types of analyses

Coliform Phenols Minors

trients MBAS BOD TOC DOC

Std chem schedule I + SO4

Other _____

Herbicide _____ Insecticide _____

Remarks:

Type 2 (1)

Station identification number 29 45 45 095 22 38 01 (2–16)

Y	M	D
75	04	15

17 Begin 22

Time of measurement _____ (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval P	72015	7450	03	
Sample interval BOTTOM	72016	2000	04	

Sampled after pumping	Parameter code	Value	Exp.	Rmk	
	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2700	02		27.0
pH	00400	7300	01		7.3
Specific conductance	00095	6470	03		647
HCO_3	00440	2890	03		289
CO_3	00445	0000	01		0
Chloride (Cl)	00940	5800	02 (UP 25)		58
Sulfate (SO_4)	00945	8800	01		8.8
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

Water Quality Field Data

SWN: 65-13-905
County: Harris
Aquifer(s): Gulf Coast

Name: City of Houston
Address: 105 Sabine
Houston TX 77007
owner's well # Central 21

Sample No. 800
Date: 6-17-97
By: C. Marty

Bottle1	Bottle 2	Bottle 3	Bottle 4	Bottle 5	Bottle 6	Bottle 7	Total SUB-Samples
500 ml Anions	1 liter Cations	250 ml Nitrate	1 liter Radioactivity				
	2 ml HNO (Nitric)	0.5 ml H SO (Sulfuric)	2 ml HNO (Nitric)				All filtered unless otherwise stipulated

Water Level _____ LSD Remark _____
Temperature (00010) 25.5 c
Specific Conductance (00094) 441 umhos/cm
pH (00400) 7.39
Eh (00090) 28.7 mv.
Phenol ALK (82244) 0 mg/l
Total ALK (39086) 200 mg/l
Carbonate (00452) 0 meq/l 0 mg/l
Bicarbonate (00453) 4.0 meq/l 244.1 mg/l
Total Cations(+) B
Total Anions (-) _____
Total Hardness (00900) 115
Dissolved Solids 280

Time in 8:00
Time out _____ Sample time 9:15
Weather humid well use public
Outside Temp 78
Sampling point f.a.w.

Starting pH 7.64
10.0 ml. of 0.02N to
50 ml. of Sample
Ending pH 4.49

Time:	8:45	9:00	9:05	9:10	9:12	
pH:	6.60	7.21	7.35	7.39		
Temp:	25.5	25.5	25.5	25.5		
Eh:					-273.7	
Cond.	495	468	450	441		

other notes:

ml.	pH	ml.	pH	ml.	pH
1.0	7.54				
2.0	7.47				
3.0	7.39				
4.0	7.28				
5.0	7.17				
6.0	7.09				
7.0	6.97				
8.0	6.83				
9.0	6.75				
10.0	4.49				

FINAL ANALYSIS REPORT

LAB ID: 9705154 SAMPLE DESCRIPTION: Groundwater
FACILITY: TWDB SAMPLE DATE: 06/17/97
ACCT NO: SAMPLE TIME: 0915
TX WATER DEV. BOARD

DATE RECEIVED: 06/20/97
REPORT DATE: 08/19/97

LOCATION ID: 65-13-905

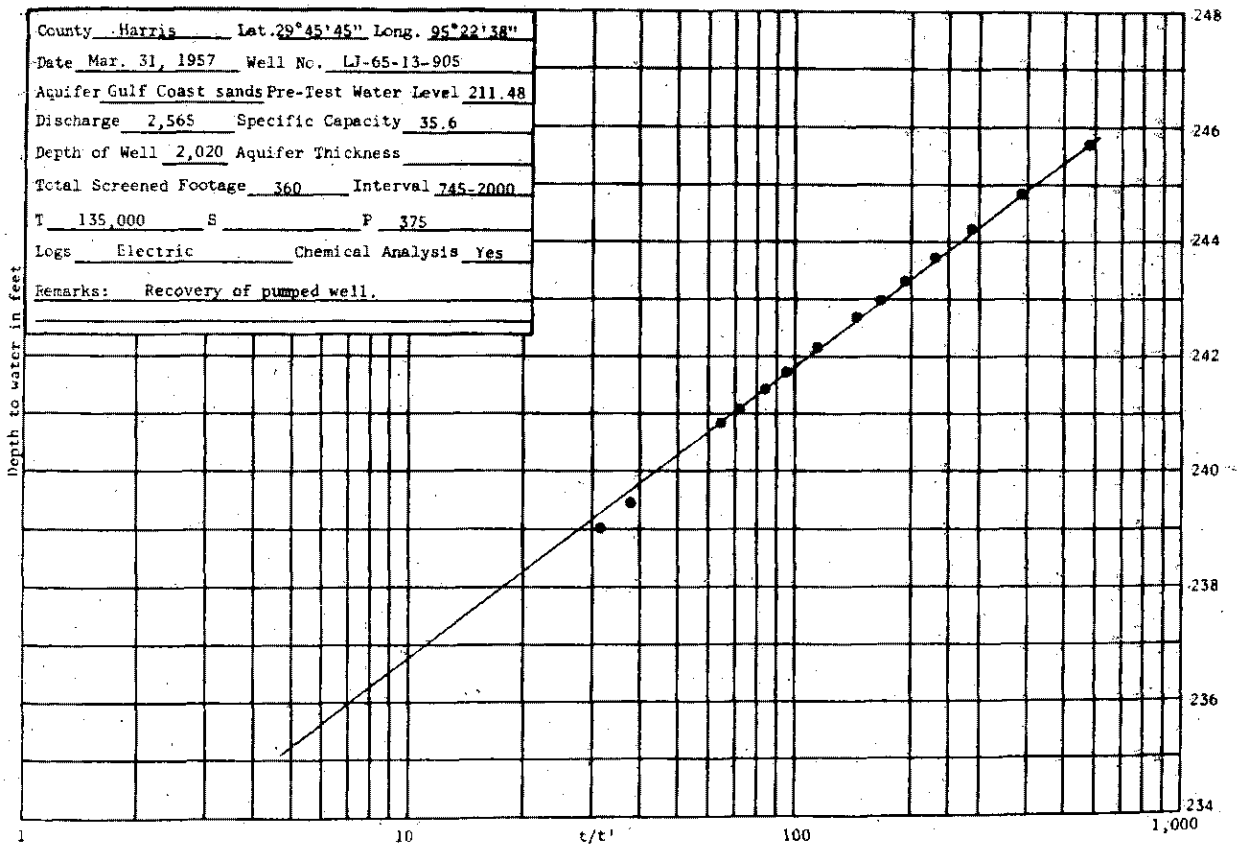
PARAMETER	RESULTS	UNITS	STORET #	PQL in WATER	DATE ANALYZED
Alkalinity, Phenol.	<1	mg/L	00415	1	06/20/97
Alkalinity, Total	182	mg/L	00410	1	06/20/97
Bromide	<0.50	mg/L	71870	0.05	06/20/97
Chloride	27.4	mg/L	00941	0.1	06/20/97
Fluoride	0.59	mg/L	00950	0.02	06/20/97
Iodide, Laboratory	<0.15	mg/L	71965	0.05	07/10/97
Nit.,Nitrate/Nitrite	0.050	mg/L	00630	0.020	07/01/97
Nitrogen, Kjeldahl	<0.200	mg/L	00623	0.010	07/03/97
Nitrogen, ammonia	<0.100	mg/L	00608	0.010	07/01/97
Silica	23.80	mg/L	00955	0.01	06/30/97
Sulfate	17.70	mg/L	00946	0.10	06/20/97
Aluminum, Dis. ICPMS	<1.5	ug/L	01106	1.0	07/17/97
Antimony, Dis. ICPMS	<1.0	ug/L	01095	1.0	07/17/97
Arsenic, Diss. ICPMS	<1.5	ug/L	01000	1.0	07/17/97
Barium, Diss. ICPMS	201.0	ug/L	01005	1.0	07/17/97
Beryllium, Dis ICPMS	<1.0	ug/L	01010	1.0	07/17/97
Boron, Diss. ICPMS	80.9	ug/L	01020	1.0	07/17/97
Calcium, Dissolved	33.60	mg/L	00915	0.50	06/20/97
Cobalt, Diss. ICPMS	<1.0	ug/L	01035	1.0	07/17/97
Copper, Diss. ICPMS	<1.0	ug/L	01040	1.0	07/17/97
Iron-AA, Dissolved	142.30	ug/L	01046	15.00	06/26/97
Lead, Diss. ICPMS	<1.0	ug/L	01049	1.0	07/17/97
Lithium, Diss. ICPMS	17.7	ug/L	01130	1.0	07/17/97
Magnesium, Dissolved	6.90	mg/L	00925	0.05	06/20/97
Manganese, Dis ICPMS	7.0	ug/L	01056	1.0	07/17/97
Molybdenum Dis ICPMS	<1.0	ug/L	01060	1.0	07/17/97
Nickel, Diss. ICPMS	<1.0	ug/L	01065	1.0	07/17/97
Potassium, Dissolved	1.30	mg/L	00935	1.00	06/20/97
Selenium, Dis. ICPMS	<6.0	ug/L	01145	4.0	07/17/97

FINAL ANALYSIS REPORT

LAB ID: 9705154 SAMPLE DESCRIPTION: Groundwater
FACILITY: TWDB SAMPLE DATE: 06/17/97
ACCT NO: SAMPLE TIME: 0915
TX WATER DEV. BOARD
DATE RECEIVED: 06/20/97
REPORT DATE: 08/19/97
LOCATION ID: 65-13-905

PARAMETER	RESULTS	UNITS	STORET #	PQL in WATER	DATE ANALYZED
Sodium, Dissolved	54.60	mg/L	00930	0.10	06/20/97
Strontium, Dis ICPMS	594.0	ug/L	01080	1.0	08/12/97
Thallium, Diss ICPMS	<1.0	ug/L	01057	1.0	07/17/97
Vanadium, Diss ICPMS	5.5	ug/L	01085	1.0	07/17/97
Zinc, Diss. ICPMS	<1.0	ug/L	01090	1.0	07/17/97

COMMENTS: Silica, NH3, TKN, NO3/NO2 subcontracted.


County Harris Lat. 29°45'45" Long. 95°22'38"
Date Mar. 31, 1957 Well No. LJ-65-13-905
Aquifer Gulf Coast sands Pre-Test Water Level 211.48
Discharge 2,565 Specific Capacity 35.6
Depth of Well 2,020 Aquifer Thickness
Total Screened Footage 360 Interval 745-2000
T 135,000 S P 375
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
248
246
244
242
240
238
236
234
1
10
t/t'
100
1,000

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 924 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 45 48 Longitude - 95 22 46 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Central

Driller - Layne Texas

Address _____ Tenant/Oper. _____
Date Drilled - / /1927 Depth - 1,456 ft. Source of Depth - Altitude - 42 ft. Source of Alt. - M
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____
Completion - _____
Casing Material - _____
Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To

LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- Y Logs- Other Data-

WATER LEVELS Date- 05/21/1927 Measurement- -47.00
Date- 03/03/1966 Measurement- -266.00

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -
REMARKS -
234 ft of screen between 894 and
1438 ft. Reported yield 1800 gpm
Jan. 1942. Well F-5.

Aquifer - 121EVGL
Well No. - 65 13 924

County Harris Lat. 29°45'48" Long. 95°22'46"

Date Oct. 10, 1939 Well No. LJ-65-13-924

Aquifer Gulf Coast sands Pre-Test Water Level 159.0

Discharge 1,250 Specific Capacity 21.9

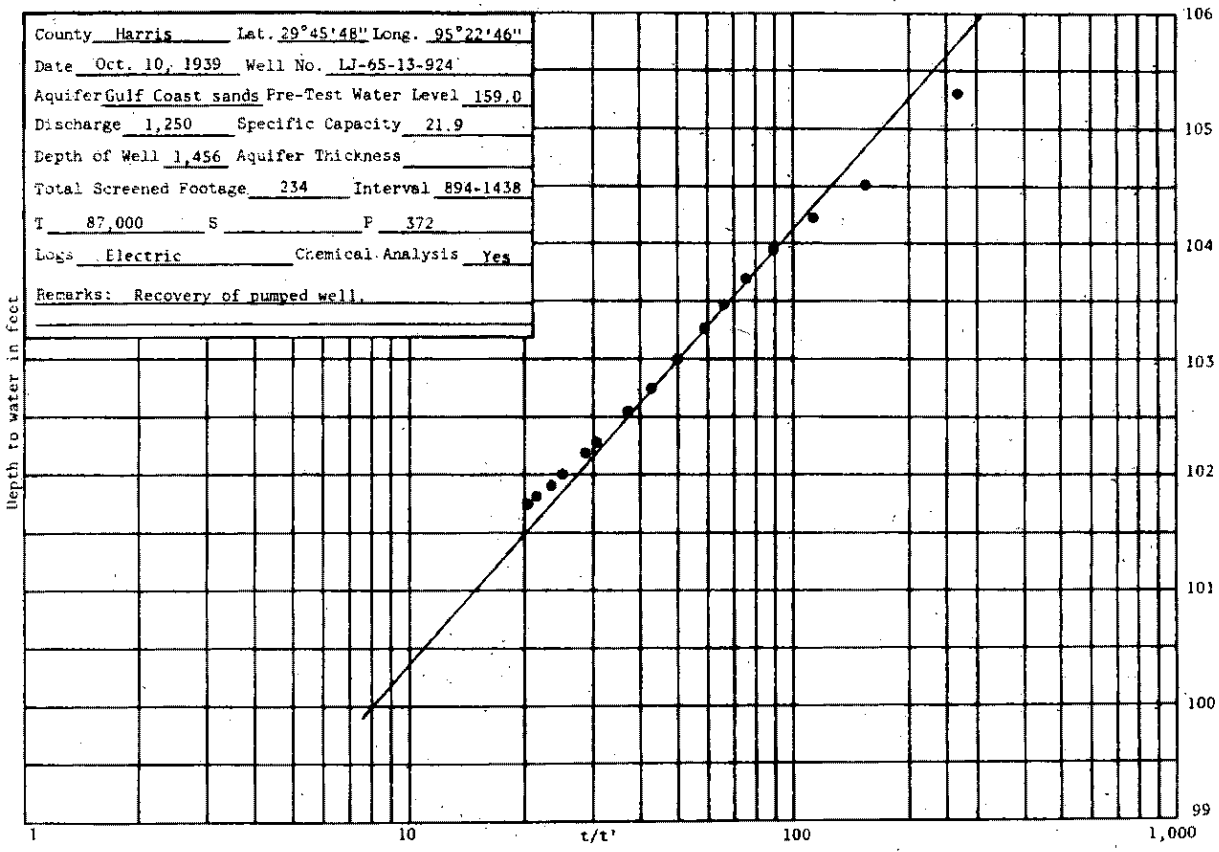
Depth of Well 1,456 Aquifer Thickness

Total Screened Footage 234 Interval 894-1438

T 87,000 S P 372

Logs Electric Chemical Analysis Yes

Remarks: Recovery of pumped well.



TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 925 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 45 49 Longitude - 95 22 35 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Central

Driller - Layne Texas

Address _____ Tenant/Oper. _____
Date Drilled - / /1927 Depth - 1,540 ft. Source of Depth - Altitude - 42 ft. Source of Alt. -
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____
Completion - _____
Casing Material - _____
Screen Material - _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (
Open Hole (O)
Cemented from _____ to _____

Diam. (in.)	Setting(feet) From	To

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

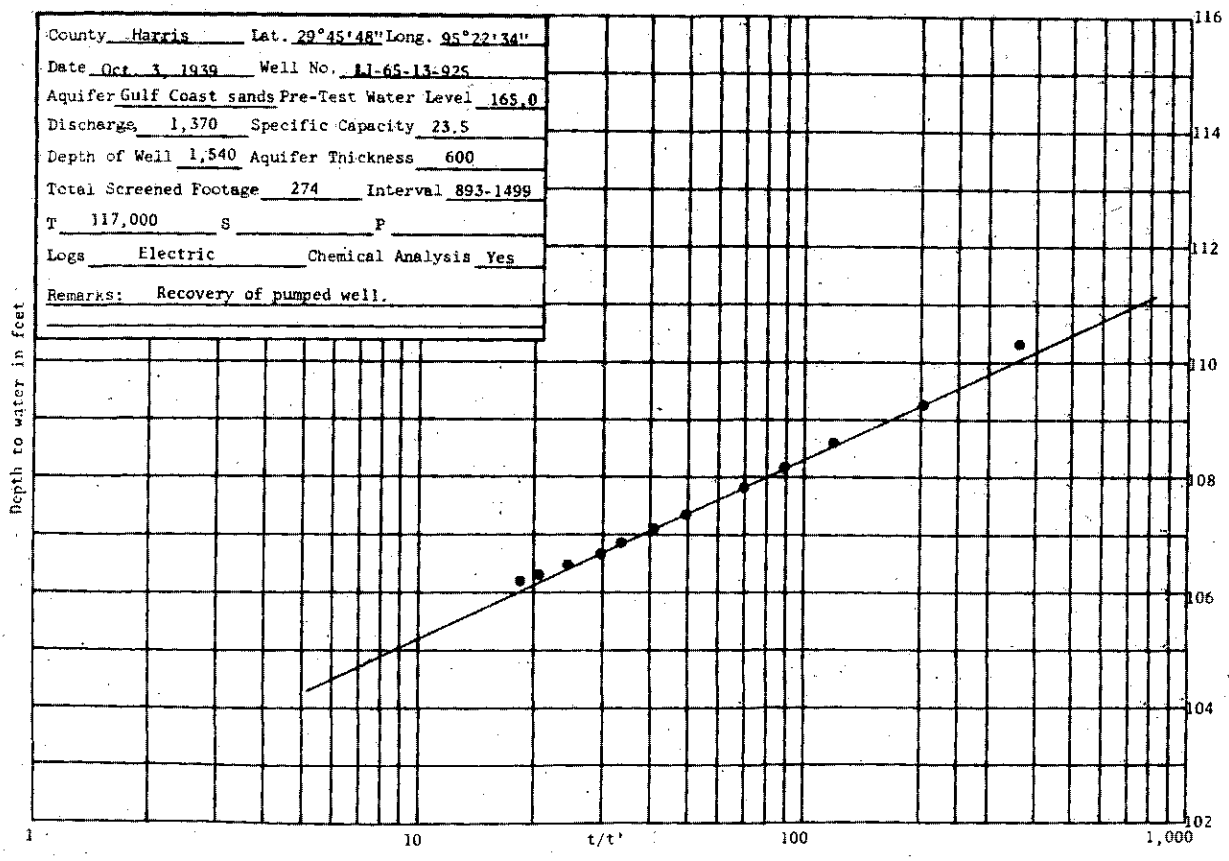
OTHER DATA AVAILAIBLE Water Levels- M Quality- Y Logs- Other Data-

WATER LEVELS Date- 04/00/1927 Measurement- -27.00
Date- 03/03/1953 Measurement- -230.00

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -
REMARKS -
274 ft of screen between 893 and
1499 ft. Reported yield 1810 gpm
Jan.1942. Well destoryed. Well F-1.

Aquifer - 121EVGL
Well No. - 65 13 925


County Harris Lat. 29°45'48" Long. 95°22'34"
Date Oct. 3, 1939 Well No. LJ-65-13-925
Aquifer Gulf Coast sands Pre-Test Water Level 165.0
Discharge 1,370 Specific Capacity 23.5
Depth of Well 1,540 Aquifer Thickness 600
Total Screened Footage 274 Interval 893-1499
T 117,000 S P
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
116
114
112
110
108
106
104
102
1
10
t/t'
100
1,000

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-932

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by NAPE McAdoo WFG 1941 Source of data File Date 2-16-68 Map 1:24000 Houston Heights 1955

State Texas [48] County (or town) Harris [LJ]

Latitude: 29 45 49 N S Longitude: 095 22 42 Sequential number: 1

Lat-long accuracy: 1 T. N S, R E W, Sec ____, ____k, ____k, ____k

Local well number: LJ-65-13-932 Other number: B & M F-11 (624)

Local use: Owner or name: City of Houston

Owner or name: CITY OF HOUSTON Address: Central Plant

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [M]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mnd, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other Well destroyed Not 1973 [U]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [U]

DATA AVAILABLE: Well data [6] Freq. W/L meas.: Semi-annual 1935 — 1971 [S] Field aquifer char.

Hyd. lab. data: drop MIS 9-73

Qual. water data; type:

Freq. sampling: 4-16-40-56 [T] Pumpage inventory: yes no, period:

Aperture cards: yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 953 ft 953 Meas. (app) Driller accuracy [3]

Depth cased (first perf.) 463 ft 463 Casing type: S; Diam. 24-12½ in 24

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, (S) sd. pt., (T) shored, (W) open hole, (Z) other [G]

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other [H]

Date Drilled: 1935 935 Pump intake setting: ft

Driller: Layne Texas Co. (name), Houston, Texas (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other [T] Deep Shallow [D]

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 200 [W] Trans. or meter no.

Descrip. MP ft above below LSD. Alt. MP

Alt. LSD: 40 40 Accuracy: (source) Topo 5' [3]

Water Level 82.00 ft above below MP; Ft above below LSD 83 Accuracy: Level

Date meas: 7-30-75 1975 Yield: — gpm Method determined

Drawdown: ft Accuracy: Pumping period hrs

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard. ppm

Sp. Conduct K x 10⁶ Temp. °F Date sampled

Taste, color, etc.

Well No. LJ-65-13-932

Well No. LJ-65-13-932

Latitude-longitude 29 (d), 45 (m), 49 (s) 095 (d), 22 (m), 42.1 (s)

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1) Physiographic Province: coastal plain (19) 03 (20-21) Section:

F (22) Drainage Basin: 51 (23-25) Subbasin: (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat (27)

MAJOR AQUIFER: system, series T (28-29) aquifer, formation, group E (30-31)

Lithology: (32-33) Origin: (34) Aquifer Thickness: ft

(35-37) Length of well open to: 248 ft 248 (38-40) Depth to top of: ft (41-43)

MINOR AQUIFER: system, series Q (44-45) aquifer, formation, group CL (46-47)

Lithology: (48-49) Origin: (50) Aquifer Thickness: ft

(51-53) Length of well open to: ft (54-56) Depth to top of: ft (57-59)

Intervals Screened: 463-524 (61); 562-605 (43); 712-775 (63); 836-875 (39); 896-938 (42).

Depth to consolidated rock: ft (60-63) Source of data: (64)

Depth to basement: ft (65-68) Source of data: (69)

Surficial material: (70-71) Infiltration characteristics: (72)

Coefficient Trans: ✓ gpd/ft (73-75) Coefficient Storage: (76-78)

Coefficient Perm: ✓ gpd/ft^2; Spec cap: ✓ gpm/ft; Number of geologic cards: (79)

301' of 24" csg.

Well No. LJ-65-13-932

GPO 857-700

County Harris Lat. 29°45'49" Long. 95°22'42"

Date Oct. 24, 1939 Well No. LI-65-13-932

Aquifer Gulf Coast sands Pre-Test Water Level

Discharge 1,300 Specific Capacity

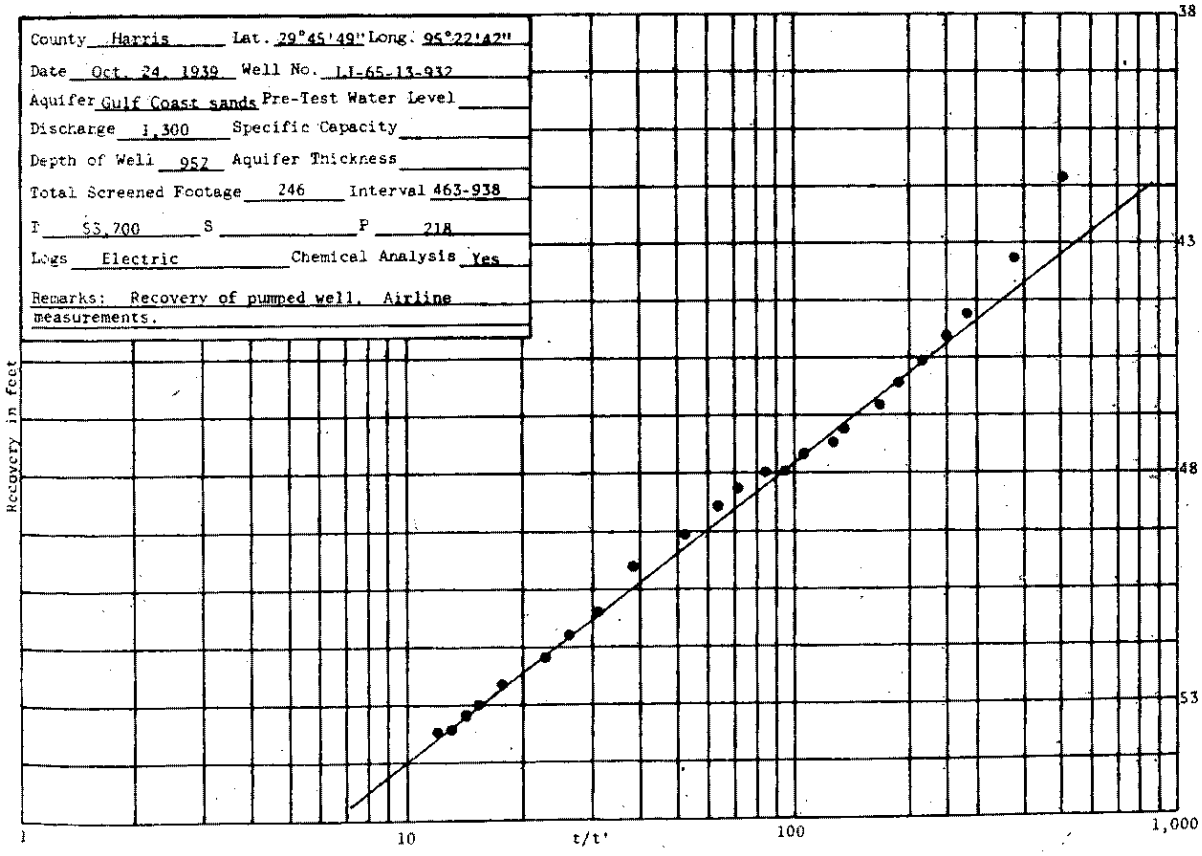
Depth of Well 952 Aquifer Thickness

Total Screened Footage 246 Interval 463-938

T 55,700 S P 218

Logs Electric Chemical Analysis Yes

Remarks: Recovery of pumped well. Airline measurements.



TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 933 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 45 44 Longitude - 95 22 33 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Central

Driller - Layne Texas

Address _____ Tenant/Oper. _____
Date Drilled - / /1935 Depth - 2,025 ft. Source of Depth - Altitude - 43 ft. Source of Alt. -
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____
Completion - _____
Casing Material - _____
Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) | Setting(feet) From | To

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- Y Logs- Other Data-

WATER LEVELS Date- 09/11/1935 Measurement- -53.00
Date- 09/11/1953 Measurement- -246.00

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -
REMARKS -
357 ft of screen between 1154 and
2025 ft. Well destroyed. Well F-12.

Aquifer - 121EVGL
Well No. - 65 13 933

County Harris Lat. 29°45'44" Long. 95°22'32"

Date Oct. 19, 1939 Well No. LJ-65-13-933

Aquifer Gulf Coast sands Pre-Test Water Level

Discharge 1,600 Specific Capacity

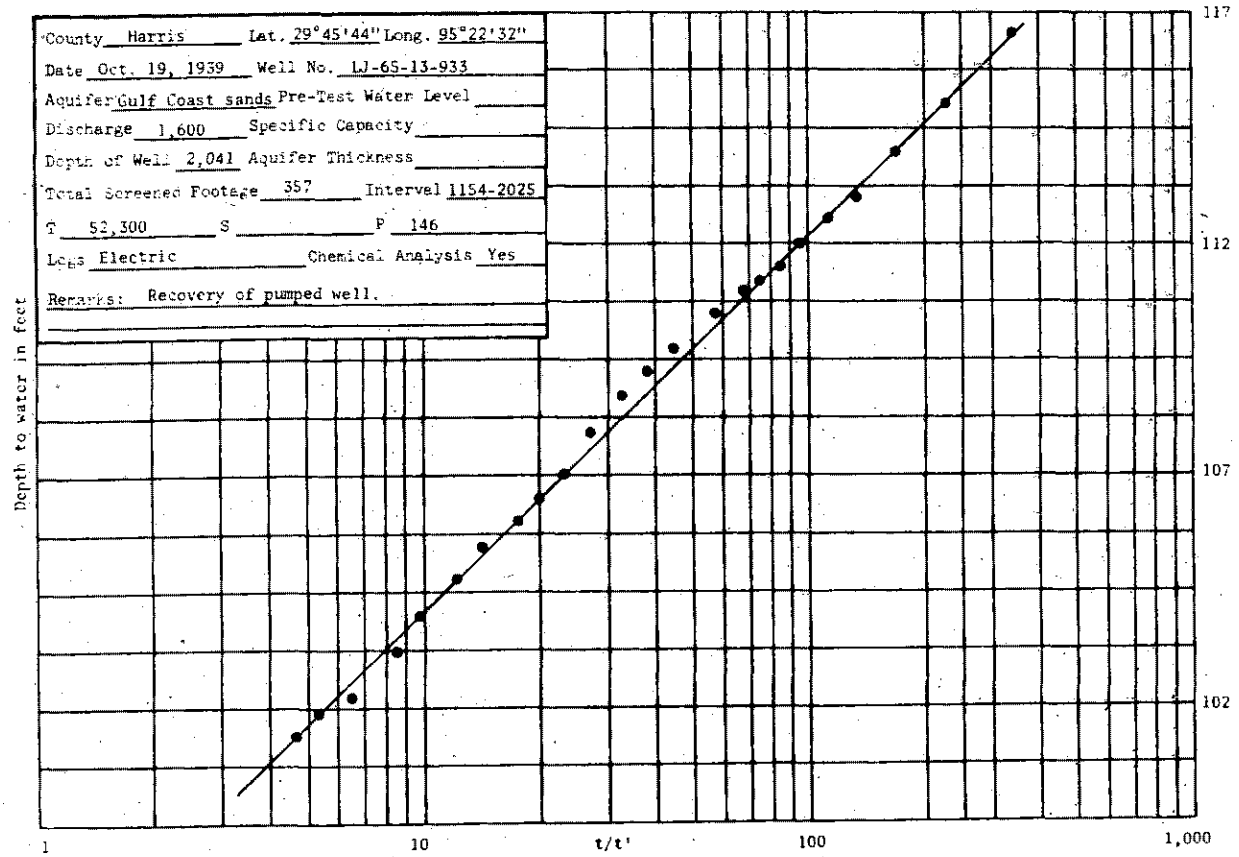
Depth of Well 2,041 Aquifer Thickness

Total Screened Footage 357 Interval 1154-2025

T 52,300 S P 146

Logs Electric Chemical Analysis Yes

Remarks: Recovery of pumped well.



TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 926 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 45 41 Longitude - 95 22 38 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Central

Driller - Layne Texas

Address _____ Tenant/Oper. _____
Date Drilled - / /1927 Depth - 1,320 ft. Source of Depth - Altitude - 30 ft. Source of Alt. -
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____
Completion - _____
Casing Material - _____
Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) Setting(feet) From To

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- Y Logs- Other Data-

WATER LEVELS Date- 11/17/1938 Measurement- -89.40
Date- 02/24/1961 Measurement- -237.30

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -
REMARKS -
154 ft of screen between 889 and
1320 ft. Reported yield 800 gpm
Jan. 1942. WELL F-10.

Aquifer - 121EVGL
Well No. - 65 13 926

County Harris Lat. 29°45'41" Long. 95°22'36"

Date Oct. 17, 1939 Well No. LJ-65-13-926

Aquifer Gulf Coast sands Pre-Test Water Level 210.0

Discharge 1,050 Specific Capacity 10.4

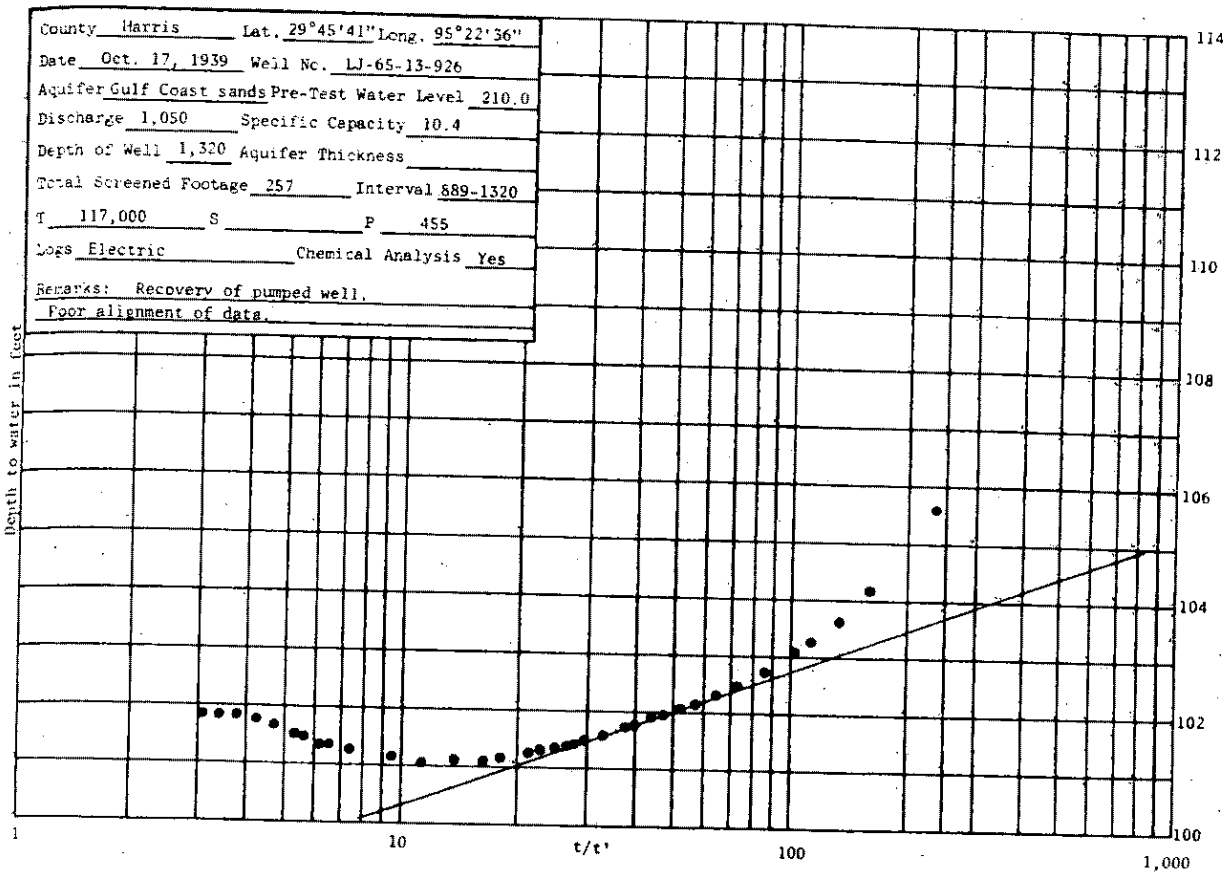
Depth of Well 1,320 Aquifer Thickness

Total Screened Footage 257 Interval 889-1320

T 117,000 S P 455

Logs Electric Chemical Analysis Yes

Remarks: Recovery of pumped well.
Poor alignment of data.



Texas Water Development Board
Well Schedule

State Well Number 6521312 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294433 **Longitude** 952401 **Source of Coords** 1

Owner's Well No. _____ **Location** _____

Owner
American Service Co.

Driller
McMasters and
Pomeroy

Address _____ **Tenant/Oper.** _____

Date Drilled / /1937 **Depth** 584 **Source of Depth** **Altitude** 56 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION

Const-Method

Casing Material Blank

Screen Material Blank

Completion

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from_____**to**_____

LIFT DATA - **Pump Mfr. -** _____ **Type -** NONE **No. Stages** _____

Bowls Diam - _____ **in.** **Setting -** _____ **ft.** **Column Diam. -** _____ **in.**

Motor Mfr. - _____ **Fuel or Power -** blank **Horsepower -**

YIELD Flow- _____ **GPM** **Pump** _____ **GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary -** UNUSED **Secondary -** blank **Tertiary -** blank

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** Y **Logs -** **Other Data -**

WATER LEVELS 2 measurements
1938 to 1948
MIN -117.6 MAX -71.6

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
110 ft of screen between 334 and
584 ft. Reported yield 300 gpm
with 54 ft drawdown Nov.8,1938.
Well destroyed. Well 2.

Aquifer - 112CHCTL **ID -** 15

CHICOT
AQUIFER,LOWER

STATE OF TEXAS WELL REPORT for Tracking #173603

Owner:	**Second Baptist Church**	Owner Well #:	**No Data**
Address:	**6400 Woodway Houston, TX 77059**	Grid #:	**65-13-7**
Well Location:	**19449 Katy Freeway Houston, TX 77057**	Latitude:	**29° 45' 21" N**
		Longitude:	**095° 29' 51" W**
Well County:	**Harris**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Irrigation**

Drilling Start Date: **3/27/2009** Drilling End Date: **3/30/2009**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.5**	**0**	**386**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**350**	**30 Bags Cement**

Seal Method: **Pressure**

Sealed By: **ODCI**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Surface Slab Installed**

Water Level: **170 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **BP Seal 344FT**

Type of Pump: **Submersible** Pump Depth (ft.): **315**

Well Tests: **Jetted** **Yield: 130 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**33**	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **O'Day Drilling Company, Inc**

5923 CR 931
Rosharon, TX 77583

Driller Name: **Marshall Bannert** License Number: **4111**

Apprentice Name: **Jesus Gutierrez** Apprentice Number: **56774**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**Top Soil**
3	**32**	**Clay**
32	**46**	**Sand**
46	**55**	**Clay**
55	**71**	**Sand**
71	**74**	**Clay**
74	**143**	**Sandy Clay**
143	**158**	**Caliche**
158	**166**	**Sandy Clay**
166	**195**	**Clay**
195	**271**	**Sandy Clay**
271	**272**	**Rock**
272	**281**	**Sand**
281	**282**	**Rock**
282	**290**	**Clay**
290	**323**	**Sand**
323	**327**	**Clay**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
6	**New**	**Steel Casing**	**0-350Ft WW**
4	**New**	**Galvanized Liner Pipe**	**344-356Ft Sch 40**
4	**New**	**S/S Pipe Based Screen**	**356-386Ft 008GA**

327	**340**	**Sand**
340	**353**	**Clay**
353	**384**	**Sand**
384	**386**	**Caliche**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

WRD Exp. (GW)
April 1966

Well No. LT-65-13-302

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

-5-

MASTER CARD

Record by McAdoo Neffel & Gabrysek 1961 — Source of data File — Date 2-15-68 — Map Houston Heights 1955 1:24000

State: Texas [48] — County (or town): Harris [LJ]

Latitude: 295109 N — Longitude: 095240 — Sequential number: 1

Lat-long accuracy: 1 — T. ___ S, R ___ W, Sec ___, ___ k, ___ k, ___ k

Local well number: LJ-65-13-302 — Other number: B & M # 14

Local use: — Owner or name: City of Houston

Owner or name: CITY OF HOUSTON — Address: Heights # 14

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — M

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mnd, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — P

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdrew, (X) Waste, (Z) Destroyed — W

DATA AVAILABLE: Well date 1 — Freq. W/L meas.: 1950 ANNUAL S — Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 3-4-50 A — Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: E-Log (0-254.1') T-4 — E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 1830 ft 1830 — Meas. rept Driller accuracy 3

Depth cased (first perf.): 950 ft 950 — Casing type: S; Diam. 24-22-12 in 24

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, (S) sd. pt., (T) shored, (V) open hole, (Z) other — G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other — H

Date Drilled: 11-30-49 — 949 — Pump intake setting: ft

Driller: Texas Water Wells, Inc. (name) Houston, Texas (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other — T — Deep / Shallow D

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 350 — Trans. or meter no.

Descrip. MP ___ ft above/below LSD. Alt. MP

Alt. LSD: 78 — 78 — Accuracy (source): Topo 5' — 3

Water Level: 124.85 ft above/below MP; 43.0 Ft above/below LSD — 122 — Accuracy: topo map — A

P/L: 214.8

Date meas: 2-23-50 — 250 — Yield: 2726 gpm — 2726 — Method determined H

Drawdown: 90 ft — 90 — Accuracy: meas. 3 — Pumping period 96 hrs — 96

QUALITY OF WATER DATA: Iron ppm — Sulfate ppm — Chloride ppm — Hard. ppm

Sp. Conduct K x 10^6 — Temp. °F — Date sampled

Taste, color, etc.

Well No. LT-65-13-302

Well No. LT-65-13-302

Latitude-longitude 29 (d), 51 (m), 09 (s) N 095 (d), 24 (m), 08 (s), 1

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: Coastal Plain (20–21) 03 Section: _____

(22) F Drainage Basin: _____ (23–25) 511R Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series (28–29) T _____ aquifer, formation, group (30–31) E

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: ✓ 410 ft (38–40) 410 Depth to top of: _____ ft (41–43)

MINOR AQUIFER: _____ system, _____ series (44–45) _____ aquifer, formation, group (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: * 950 - 1790

Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

Coefficient Trans: ✓ _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: ✓ _____ gpd/ft^2; Spec cap: ✓ _____ gpm/ft; Number of geologic cards: _____ (79)

* Screen:

950-1015	65
1025-1050	25
1070-1135	65
1220-1285	65
1305-1335	30
1480-1565	85
1630-1670	40
1755-1790	35

TD = 1830

C59.

bit of 24" 0-507 = 24"
Top of 22" 487-630 = 22"
Top of 17" 530-1830 - 12 3/4"

Drill stem test from:

2475-2541' - Cl 1710 ppm
2260-2320' - Cl 105 ppm
1762-1827' - Cl 98 ppm

Well No. LT-65-13-302

GPO 857-700

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020966

Latitude ° ' "	Longitude ° ' "	Seq. No.
295109	0952408	01

County code 201 County HARRIS

Well # 2J-65-13-302

Project number 7-4648-01000

Date 2-10-77 Time — Temp°C 28.5

Owner CITY OF HOUSTON

Address HEIGHTS #14

Date drld — WBF code 121 Evgl

Sample interval: (top) 950 (bottom) 1790

Water level — Appr CLEAR Use PS.

Collector BUTLER Yield — GPM

Smpld aftr pmpg — Depth —

Pt of coll TAP ON DISCHARGE

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule

Other I

Herbicide Insecticide

Remarks:

Type 2 (1) Station identification number 295109095240801 (2–16)

Y M D (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	9500	03	
Sample interval BOTTOM	72016	1790	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2850	02		28.5
pH	00400	7900	01		7.9
Specific conductance	00095	7070	03		707
HCO_3	00440	3190	03		319
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6400	02		64
Sulfate (SO_4)	00945	9600	01		9.6
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31625				
Strep-tococci	31673				
BOD	00310				

Water Resources Division
Austin, Texas

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 51 09	095 24 08	01

County code 101 County HARRIS

Well # LJ-65-13-302

Project number T-4648-01000

Date 9-17-76 Time 1200 Temp°C -

Owner CITY OF HOUSTON

Address HEIGHTS #14

Date drld — WBF code 121 EVGL

Sample interval: (top) 950 (bottom) 1790

Water level — Appr Clear Use PS

Collector BEZANT Yield - GPM

Smpld aftr pmpg ON ARRIVAL Depth —

Pt of coll TAP ON Discharge.

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I

Other ____

Herbicide ____ Insecticide ____

Remarks:

Type 2 (1)

Station identification number 29 51 09 095 24 08 01 (2–16)

Y M D: 76 09 17 (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	9500	03	
Sample interval BOTTOM	72016	1790	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010				
pH	00400	7900	01		7.9
Specific conductance	00095	6960	03		696
HCO_3	00440	3130	03		313
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6800	02		68
Sulfate (SO_4)	00945	5200	01		52
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Streptococci	31679				
BOD	00310				

(11-74)

Water Resources Division
Austin, Texas

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 51 09	095 24 08	01

County code 201 County Harris

Well # LJ-65-13-302

Project number 4648-01000

Date 2-4-76 Time — Temp°C 28.5

Owner City of Houston

Address Heights #14

Date drld — WBF code 121 EVGL

Sample interval: (top) 950 (bottom) 1790

Water level — Appr clear Use PS

Collector Nattel Yield — GPM

Smpld aftr pmpg on arrival Depth —

Pt of coll tap on discharge

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I

Other

Herbicide Insecticide

Remarks:

Type 2 (1) Station identification number 295109095240801 (2–16)

Y M D: 76 02 04 (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	9500	03	
Sample interval BOTTOM	72016	1790	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2850	02		28.5
pH	00400	8000	01		8.0
Specific conductance	00095	7040	03		704
HCO_3	00440	3100	03		310
CO_3	00445	0000	01		0
Chloride (Cl)	00940	5600	02		56
Sulfate (SO_4)	00945	6800	01		6.8
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Streptococci	31679				
BOD	00310				

Austin, Texas

015128

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 51 09	095 24 08	01

County code ~~LJ~~201 County Harris

Well # LJ-65-13-~~3~~302

Project number 5-4648-01000

Date 2-3-75 Time _____ Temp°C 28.5

Owner City of Houston

Address Heights # 14

Date drld 10-31-49 WBF code 121EVGL

Sample interval: (top) 950 (bottom) 1790

Water level _____ Appr _____ Use PS

Collector Naftel Yield _____ GPM

Smpld aftr pmpg on ass Depth 1820

Pt of coll tap on pipe

Field: Cond _____ pH _____ HCO_3 _____ DO _____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I + SO4

Other _____

Herbicide _____ Insecticide _____

Remarks:

Type 2 (1) Station identification number 2951090952408 01 (2–16)

Y M D 75 02 03 (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008	1820	04	
Yield (GPM)	00059			
Sample interval TOP	72015	9500	03	
Sample interval BOTTOM	72016	1790	04	
Water level	72019			

Sampled after pumping	Parameter code	Value	Exp.	Rmk	
	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2850	02		28.5
pH	00400	7900	01		7.9
Specific conductance	00095	7030	03		70
HCO_3	00440	3130	03		313
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6700	02	up 3	67
Sulfate (SO_4)	00945	6800	01		6.8
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-12-909

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6512909
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.770278
Latitude (degrees minutes seconds)	29° 46' 13" N
Longitude (decimal degrees)	-95.508056
Longitude (degrees minutes seconds)	095° 30' 29" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	74
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	297
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1954
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	L. G. Gaines
Driller	H. L. Jackson Co.
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/5/2002
Last Update Date	9/5/2002

Remarks	TWDB R178: Screen from 267 to 297 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

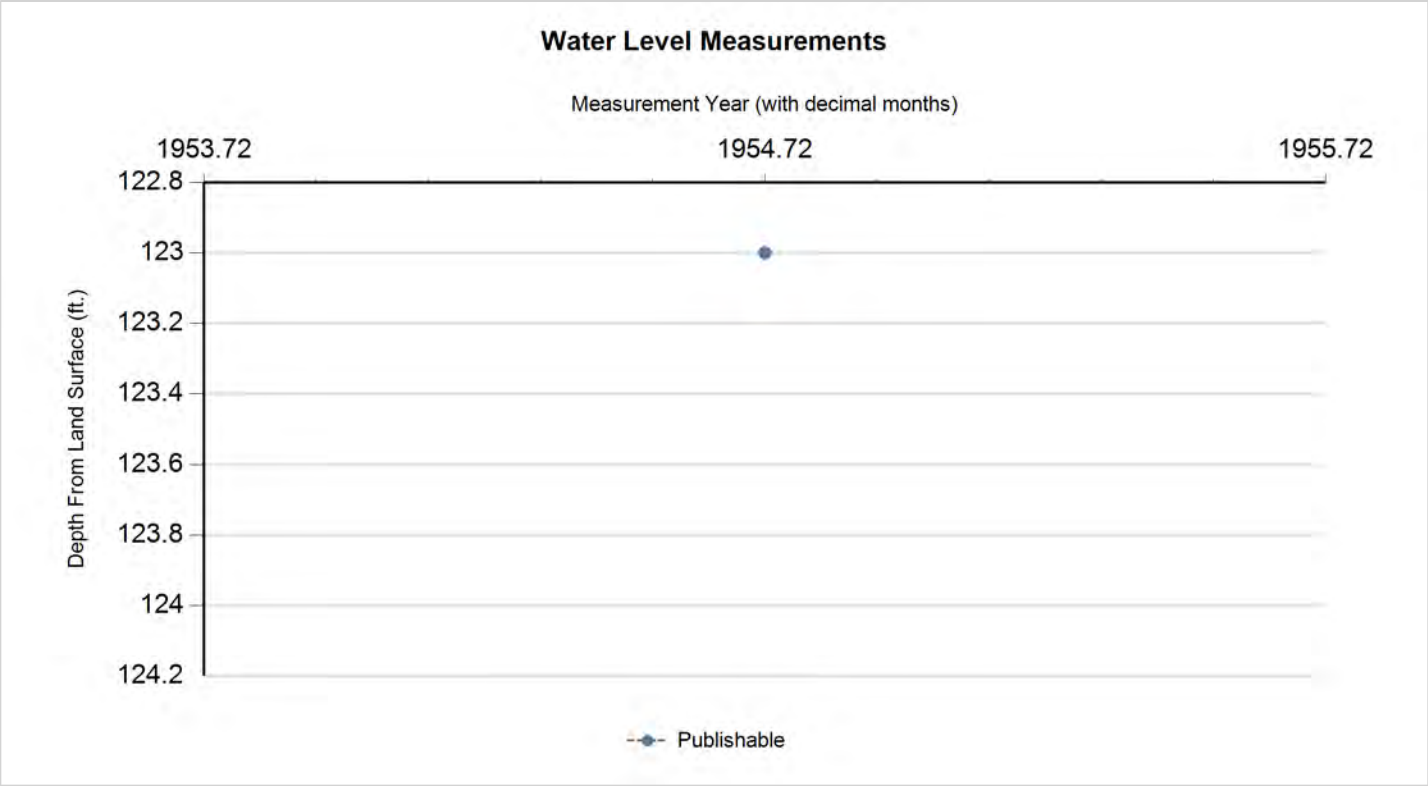
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	9/22/1954		123		-49	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

STATE OF TEXAS WATER WELL REPORT

Map 3 #5

1) OWNER: BAKER, HENRY ADDRESS: [redacted]45 GULF BANK CITY: HOUSTON [redacted] STATE: TX ZIP:

2) LOCATION OF WELL: County: HARRIS 3[redacted] miles in N direction from Houston [redacted]

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: DOMESTIC 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 01960

DIAMETER OF HOLE

DIAMETER	FROM	TO
6.5	0	363
4.5	363	378

7) BOREHOLE METHOD:

STRAIGHT WALL

IF GRAVEL... FROM FT. TO FT.

FROM FT. TO FT.

DATE DRILLED: 02/20/92

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	15	SAND
15	43	CLAY
43	71	SAND
71	86	CLAY
86	97	SAND
97	145	CLAY & ROCK
145	180	SAND
180	200	CLAY
200	215	SAND
215	240	CLAY
240	249	SAND & CLAY
249	323	CLAY
323	353	SAND
353	356	CLAY
356	378	SAND
378	379	ROCK

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
4	N	PVC	0	363	SCH 40
2.5	N	GALV.	344	365	SCH 40
2.5	N	RBSS	365	375	8 GA
2.5	N	DOWN HOLE ASSEMBLY	375	378	SCH 40

9) CEMENTING DATA:

Cemented from 0 FT. TO 363 FT.

FT. TO FT.

Method used: PRESSURE

Cemented by: WEISINGER WATER WELL

10) SURFACE COMPLETION:

APP. ALTER. PROCD.

RECEIVED

APR 0 2 1992

TEXAS WATER COMMISSION

11) WATER LEVEL:

STATIC LEVEL : 260 FT. DATE: 02/20/92

ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
BP SEAL	344

13) TYPE PUMP:

SUBMERSIBLE

DEPTH TO PUMP:

14) WELL TEST:

JETTED

YIELD: 10 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:

TYPE OF WATER: EXCELLENT DEPTH OF STRATA: NO CHEMICAL ANALYSIS MADE

NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: WEISINGER WATER WELL, INC WATER WELL DRILLER'S LICENSE NO: 1541,1991,&1992

ADDRESS: 2200 EAST DAVIS CITY: CONROE STATE: TX ZIP CODE: 77301

FOR TDWR USE ONLY

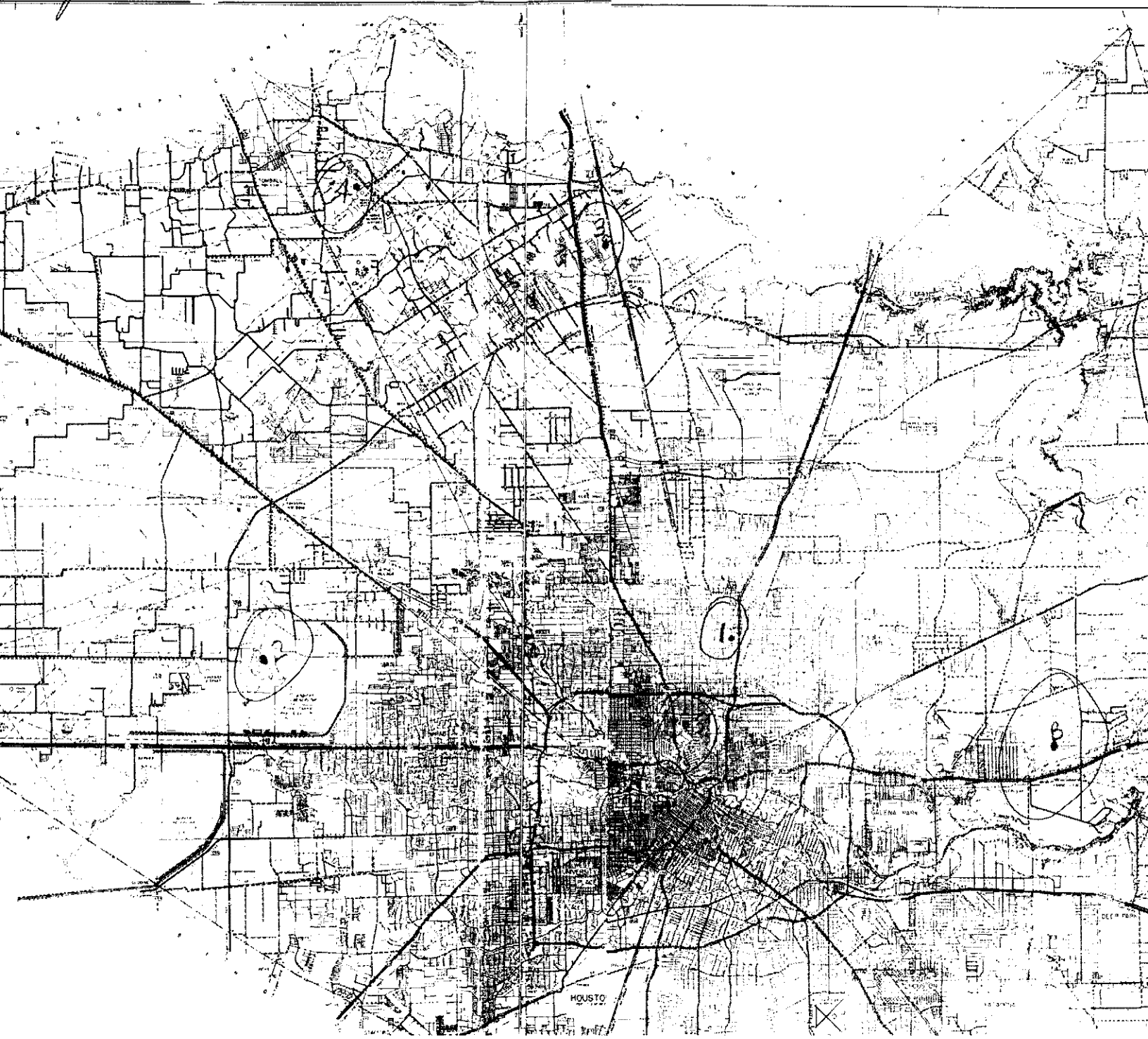
WELL NO. 5

LOCATED ON MAP 65.14.4

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) John E. Weisinger (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

Map #



(2)

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Don Wallis (Name) Address 242 Basswood (Street or RFD) Houston (City) TX (State) 77373 (Zip)

2) LOCATION OF WELL:
County Harris _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ See attached map. Mapon Dup 60-61-5a

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 11-17-83

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface 0	165

From (ft.)	To (ft.)	Description and color of formation material
0	12	Topsoil + clay
12	20	Sand #10
20	24	Clay
24	32	Sand #10 + limestone
32	140	Clay
140	163	SAND #12-14

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other Two String
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	PVC Well Cas	0	155	
2 1/2	N	Slotted Screen	155	165	10

CEMENTING DATA
Cemented from 0 ft. to 155 ft.
Method used Pressure
Cemented by DAVID OTTO (Company or Individual)

9) WATER LEVEL:
Static level 105 ft. below land surface Date 11-18-83
Artesian flow _____ gpm. Date _____

10) PACKERS:

Type	Depth
4 1/2 K-Packers	150

11) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 145 ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: NONE gpm with _____ ft. drawdown after _____ hrs.

RECEIVED
DEC 30 1983
DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME (Type or Print) All Weather Water Well Inc Water Well Driller's License No. 1929

ADDRESS 25330 Richard Rd (Street or RFD) Spring (City) Texas (State) 77386 (Zip)

(Signed) O. R. Billings (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee) Dup.

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 65-05-95
Located on map yes c. F.S.

TDWR-0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 424 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 49 34 Longitude - 95 22 14 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Oakwood

Driller - McMasters & Pomeroy

Address _____ Tenant/Oper. _____
Date Drilled - 05/ /1941 Depth - 753 ft. Source of Depth - R Altitude - 69 ft. Source of Alt. - M
Aquifer - 112CEVG CHICOT AND EVANGELINE AQUIFERS Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____
Completion - _____
Casing Material - _____
Screen Material - _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (
Open Hole (O)
Cemented from _____ to _____

Diam. (in.)	Setting(feet) From	To
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CEVG
Well No. - 65 14 424

(3)

Send original copy by certified mail to: **Texas Water Commission, P.O. Box 13087, Austin, Texas 78711** Km 450Y

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) **OWNER** Wayne Lieber (Name) **ADDRESS** 9130 Pecos (Street or RFD) Houston (City) TX (State) 77055 (Zip)

2) **LOCATION OF WELL:** 9130 Pecos
County Harris . _____ miles in _____ (NE, SW, etc.) direction from _____ (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **LEGAL DESCRIPTION:**
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☑ **SEE ATTACHED MAP** 65.4.4

3) **TYPE OF WORK (Check):** ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) **DRILLING METHOD (Check):** ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) **WELL LOG:**
Date Drilling: Started 5/28 1991 Completed 5/29 1991

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	390
3 7/8	390	405

7) **BOREHOLE COMPLETION:** ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	16	Top Soil & Clay
16	52	Surface Sand & Rock
52	61	Clay
61	70	Sand
70	109	Clay
109	127	Sand & Rock
127	139	Clay
139	146	Sand
146	180	Clay
180	191	Sand

(Use reverse side if necessary)

8) **CASING, BLANK PIPE, AND WELL SCREEN DATA:**

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	N	PVC	0	390	
2	N	Galvanized	385	395	
2	N	PVC Screens	395	405	.016

9) **CEMENTING DATA** [Rule 287.44(1)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used 8
340 ft. to 390 ft. No. of Sacks Used 3
Method used Halliburton
Cemented by Russell & Son Inc

13) **TYPE PUMP:** ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 373

RECEIVED AUG 12 1991 TEXAS WATER WELL DRILLERS BOARD

14) **WELL TESTS:** Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 40 gpm with _____ ft. drawdown after _____ hrs.

10) **SURFACE COMPLETION**
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☑ Approved Alternative Procedure Used [Rule 287.71]

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

11) **WATER LEVEL:**
Static level 225 ft. below land surface Date 5/29/91
Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type K-Packer Depth 385

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Russell & Son Inc (Type or print) **WELL DRILLER'S LICENSE NO.** 2035

ADDRESS PO Box 874 (Street or RFD) Tomball (City) TX (State) 77377-0874 (Zip)

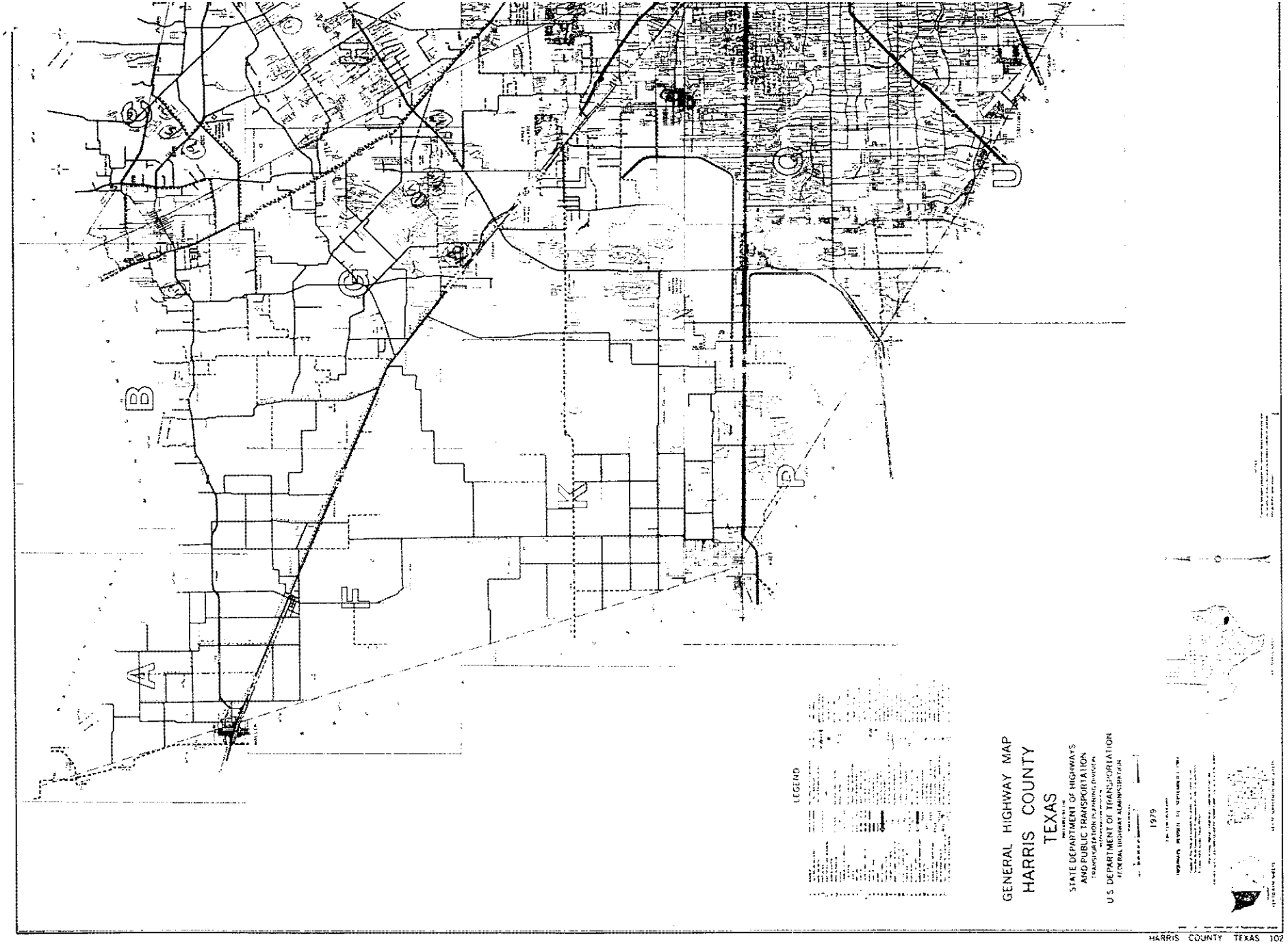
(Signed) Craig Russell (Licensed Well Driller) **(Signed)** David Lyons (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 3 Located on map 65.12.6

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY



(Licensed Well Driller)

(Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 1 Located on map 65 14 U

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

10/06/2021
04:10:51

Texas Commission on Environmental Quality
DWW Water System Summary Sheet

PWS ID	PWS Name	Central Registry RN
TX1010484	BIG BEND APARTMENTS INC	RN101249126

Organization/Customer *	Central Registry CN
CORNERSTONE PROP	CN600684682

*Regulatory mail will be addressed to this organization/person

All Water System Contacts

Type	Contact	Communication	
		Phone Type	Value
AC - Administrative Contact	DEMLA, SONNY PO BOX 1564 DICKINSON, TX 77539	BUS - Business	713-984-8130
OW - Owner	CORNERSTONE PROP PO BOX 1564 DICKINSON, TX 77539		

Operator Grade	Number

Water Operator Licenses

No Licensing Data for this PWS

Owner Type	Owner Type Options: COUNTY, DISTRICT, FEDERAL GOVERNMENT, INVESTOR OWNED, MUNICIPALITY, NATIVE AMERICAN, PRIVATE, STATE GOVERNMENT, WATER SUPPLY CORPORATION
Private	

System Type	System Type Options: COMMUNITY, TRANSIENT/NON-COMMUNITY, NON-PUBLIC, NON-TRANSIENT/NON-COMMUNITY
NP - NON-PUBLIC	

Population Type	Population Served	# of Connect	# I/C w/other PWS
Residential	180	60	0

Total Product (MGD)	Average Daily Consump.	Max Daily Demand (MGD)	Total Storage (MG)	Elev. Storage (MG)	Service Pump Cap.	Max.Purchase Cap. (MGD/GPM)	Pressure Tank Cap. (MG)

Activity Status	Inactivation Date
I - INACTIVE	03/18/1993

Last Survey Date	Surveyor	Survey Type	Region	County
No Site Visit Data				

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP001	TRT-TAP / No Source Listed(A)	PLANT(I)	TP15924		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	403	GASEOUS CHLORINATION, PRE
null	null	S	460	ION EXCHANGE

(Active Sources)

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth
G1010484A	1	O	415

Code Explanations
Monitoring Type Codes: (GW) GROUNDWATER , (GUP) GROUNDWATER UNDER THE INFLUENCE - PURCHASED , (SWP) SURFACE WATER - PURCHASED , (GU) GROUNDWATER UNDER THE INFLUENCE OF SURFACE WATER , (N) NO SOURCES , (SW) SURFACE WATER
Activity Status Codes: (A) ACTIVE , (D) DELETED/DISSOLVED , (I) INACTIVE , (P) PROPOSED ,
Operational Status Codes: (E) EMERGENCY , (I) INTERIM/PEAK (O) OTHER , (P) PERMANENT , (S) SEASONAL
Source Types: (G) GROUND WATER , (S) SURFACE WATER , (U) GROUND WATER UNDER THE INFLUENCE

- End of Report -

At the time of your query this data was the most current information available from our database, which is in real time. Every effort was made to retrieve it according to your query. Thank-you for using DWW.

Drop

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-62-64
Located on map Yes
Received: KLW

1) OWNER City of Spring Valley (Name) Address 1025 Campbell Rd., SpringValley, Texas 77055 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 1 miles in West (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☐ Industrial ☒ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 9/9/81

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
20"	Surface	720'
30"	720'	1200'

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☒ Underreamed ☒ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 720 ft. to 1200 ft.

From (ft.)	To (ft.)	Description and color of formation material
		See Attached Sheet

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
16	N	Steel Apl 5LB	+2	720	.375
10-3/4	N	Steel APl 5LB	650	1200	.375
10-3/4	N	SST. W.W. Screen	725	1185	.035

CEMENTING DATA
Cemented from 0 ft. to 720 ft.
Method used Halliburton
Cemented by Halliburton (Company or Individual)

9) WATER LEVEL:
Static level 399 ft. below land surface Date 9/9/81
Artesian flow -- gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP: ☒ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 510 ft.

(Use reverse side if necessary) 317-15

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☒ Yes ☐ No

12) WELL TESTS:
☐ Type Test: ☒ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 1230 gpm with 45 ft. drawdown after 24 hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Philip E. Luther (Type or Print) Water Well Drillers Registration No. 2135

ADDRESS 5931 Brittmoore Rd., (Street or RFD) Houston (City) Texas (State) 77041 (Zip)

(Signed) Philip E. Luther (Water Well Driller) Layne-Western Company, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

KEEP MATERIAL CONFIDENTIAL

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

CF

CITY OF SPRING
VALLEY
WELL #1
HEDWIG VILLAGE
PINEY POINT VILLAGE
BUNKER HILL VILLAGE
HUNTERS CREEK VILLAGE

10/06/2021
04:10:01

Texas Commission on Environmental Quality
DWW Water System Summary Sheet

PWS ID	PWS Name	Central Registry RN
TX1010214	CITY OF SPRING VALLEY VILLAGE	RN102675212

Organization/Customer *	Central Registry CN
CITY OF SPRING VALLEY VILLAGE	CN600643738

*Regulatory mail will be addressed to this organization/person

All Water System Contacts

Type	Contact	Communication	
AC - Administrative Contact - MAYOR	RAMSEY, TOM, S 1025 CAMPBELL RD HOUSTON, TX 77055-7407	**Electronic Type**	**Value**
		Phone Type	**Value**
		BUS - Business	713-465-8308
		BUS - Business	713-805-3824
		FAX - Facsimile	713-461-7969
EC - Emergency Contact - PUB WORKS DIRECTOR	RILEY, PAT 1025 CAMPBELL RD HOUSTON, TX 77055-7407	**Electronic Type**	**Value**
		Phone Type	**Value**
		BUS - Business	713-465-8308
		FAX - Facsimile	281-369-0828
		MOB - Mobile	936-672-1338
		MOB - Mobile	713-454-4951
ECS - Emergency Contact - Secondary - SUPERVISOR	WILLIAMS, DOUG 1025 CAMPBELL RD HOUSTON, TX 77055-7407	**Electronic Type**	**Value**
		Phone Type	**Value**
		BUS - Business	713-465-8308
		MOB - Mobile	713-875-8375
OW - Owner	CITY OF SPRING VALLEY VILLAGE		
PWS - Public Water System Contact - PUB WORKS DIRECTOR	RILEY, PAT 1025 CAMPBELL RD HOUSTON, TX 77055-7407	**Electronic Type**	**Value**
		Phone Type	**Value**
		BUS - Business	713-465-8308
		FAX - Facsimile	281-369-0828
		MOB - Mobile	936-672-1338
		MOB - Mobile	713-454-4951

Operator Grade	Number
SURFACE WATER TREATMENT OPERATOR Grade C	1

Water Operator Licenses

License Holder:	GOINS, JAMES D	
CURRENT	Class: C - SURFACE WATER TREATMENT OPERATOR	WS0003830
License Holder:	LECHUGA, JUAN	
EXPIRED	Class: C - GROUND WATER TREATMENT OPERATOR	WG0004002

License Holder:	GOINS, JAMES D	
EXPIRED	Class: NONE - CUSTOMER SERVICE INSPECTOR	CI0002344

Owner Type	Owner Type Options: COUNTY, DISTRICT, FEDERAL GOVERNMENT, INVESTOR OWNED, MUNICIPALITY, NATIVE AMERICAN, PRIVATE, STATE GOVERNMENT, WATER SUPPLY CORPORATION
Municipality	

System Type	System Type Options: COMMUNITY, TRANSIENT/NON-COMMUNITY, NON-PUBLIC, NON-TRANSIENT/NON-COMMUNITY
C - Community	

Population Type	Population Served	# of Connect	# I/C w/other PWS
Residential	4452	1484	0

Total Product (MGD)	Average Daily Consump.	Max Daily Demand (MGD)	Total Storage (MG)	Elev. Storage (MG)	Service Pump Cap.	Max.Purchase Cap.(MGD/GPM)	Pressure Tank Cap. (MG)
1.7280 MGD	0.6840 MGD	1.5220 MGD Occurred on 08/01/2013	.63 MG		3600 GPM		0.040 MG

Activity Status	Inactivation Date
A - ACTIVE	

Last Survey Date	Surveyor	Survey Type	Region	County
11/28/2016	JOSEPHINE GARCIA	Sanitary Survey	HOUSTON	HARRIS
11/28/2016	SHARON SALINAS	Sanitary Survey	HOUSTON	HARRIS
11/28/2016	JULIA THORP	Sanitary Survey	HOUSTON	HARRIS

(Treatment Plant)

Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP002	TRT-TAP / Ground Water(A)	PLANT - 1025 CAMPBELL RD(A)	TP5434		NO		NO

Train:	Unnamed

(Treatments)

Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	Z	380	FLUORIDATION
null	null	D	403	GASEOUS CHLORINATION, PRE

null	null	C	447	INHIBITOR, POLYPHOSPHATE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010214B	2 - 1025 CAMPBELL (A)	P	G	1185	1200 GPM	1300 GPM

Drill Date		Source Summary		
09/09/1981		EVANGELINE		
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.787631	-95.515653	0	08/02/2010	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP001	TRT-TAP / Ground Water(I)	CHLORINATOR(I)	TP15909		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	423	HYPOCHLORINATION, PRE

(Active Sources)

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth
G1010214A	1	P	650

Code Explanations
Monitoring Type Codes: (GW) GROUNDWATER , (GUP) GROUNDWATER UNDER THE INFLUENCE - PURCHASED , (SWP) SURFACE WATER - PURCHASED , (GU) GROUNDWATER UNDER THE INFLUENCE OF SURFACE WATER , (N) NO SOURCES , (SW) SURFACE WATER
Activity Status Codes: (A) ACTIVE , (D) DELETED/DISSOLVED , (I) INACTIVE , (P) PROPOSED ,
Operational Status Codes: (E) EMERGENCY , (I) INTERIM/PEAK (O) OTHER , (P) PERMANENT , (S) SEASONAL
Source Types: (G) GROUND WATER , (S) SURFACE WATER , (U) GROUND WATER UNDER THE INFLUENCE

- End of Report -

At the time of your query this data was the most current information available from our database, which is in real time. Every effort was made to retrieve it according to your query. Thank-you for using DWW.

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 12 911 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 47 21 Longitude - 95 30 46 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Spring Valley Driller - Bryan Drilling
Bonnie Oaks

Address _____ Tenant/Oper. _____
Date Drilled - / / Depth - 400 ft. Source of Depth - 0 Altitude - 76 ft. Source of Alt. - M
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User - 820170

WELL CONSTRUCTION Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To

LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 15

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- PUBLIC SUPPLY Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CHCT
Well No. - 65 12 911

Texas Water Development Board
Well Schedule

State Well Number 6512906 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294712 **Longitude** 953049 **Source of Coords** 2

Owner's Well No. **Location**

Owner
City of Spring Valley
Bonnie Oaks

Driller
Bryan Drilling

Address **Tenant/Oper.**

Date Drilled **Depth** 390 **Source of Depth** O **Altitude** 78 **Source of Alt.** M

Well Type W **User** 820170

WELL CONSTRUCTION

Const-Method

Casing Material

Screen Material

Completion

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to_____

LIFT DATA - **Pump Mfr. -** **Type -** SUBMERSIBLE PUMP **No. Stages**

Bowls Diam - **in.** **Setting -** **ft.** **Column Diam. -** **in.**

Motor Mfr. - **Fuel or Power -** ELECTRIC MOTOR **Horsepower -**

YIELD Flow- **GPM** **Pump** **GPM** **Meas.,Rept.,Est.-** **Date-**

WATER USE **Primary -** PUBLIC SUPPLY **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** N **Quality -** N **Logs -** **Other Data -**

WATER LEVELS

Recorded By _____ **Date Record Collected or Updated -** 11/02/1998

Reporting Agency 02

REMARKS -

Aquifer - 112CHCT **ID -** 15

CHICOT
AQUIFER

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-12-910

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6512910
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.757778
Latitude (degrees minutes seconds)	29° 45' 28" N
Longitude (decimal degrees)	-95.500556
Longitude (degrees minutes seconds)	095° 30' 02" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	85
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	367
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1953
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Turbine
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Memorial Country Club
Driller	H. L. Jackson Co.
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/5/2002
Last Update Date	9/5/2002

Remarks	TWDB R178: Screen from 337 to 367 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

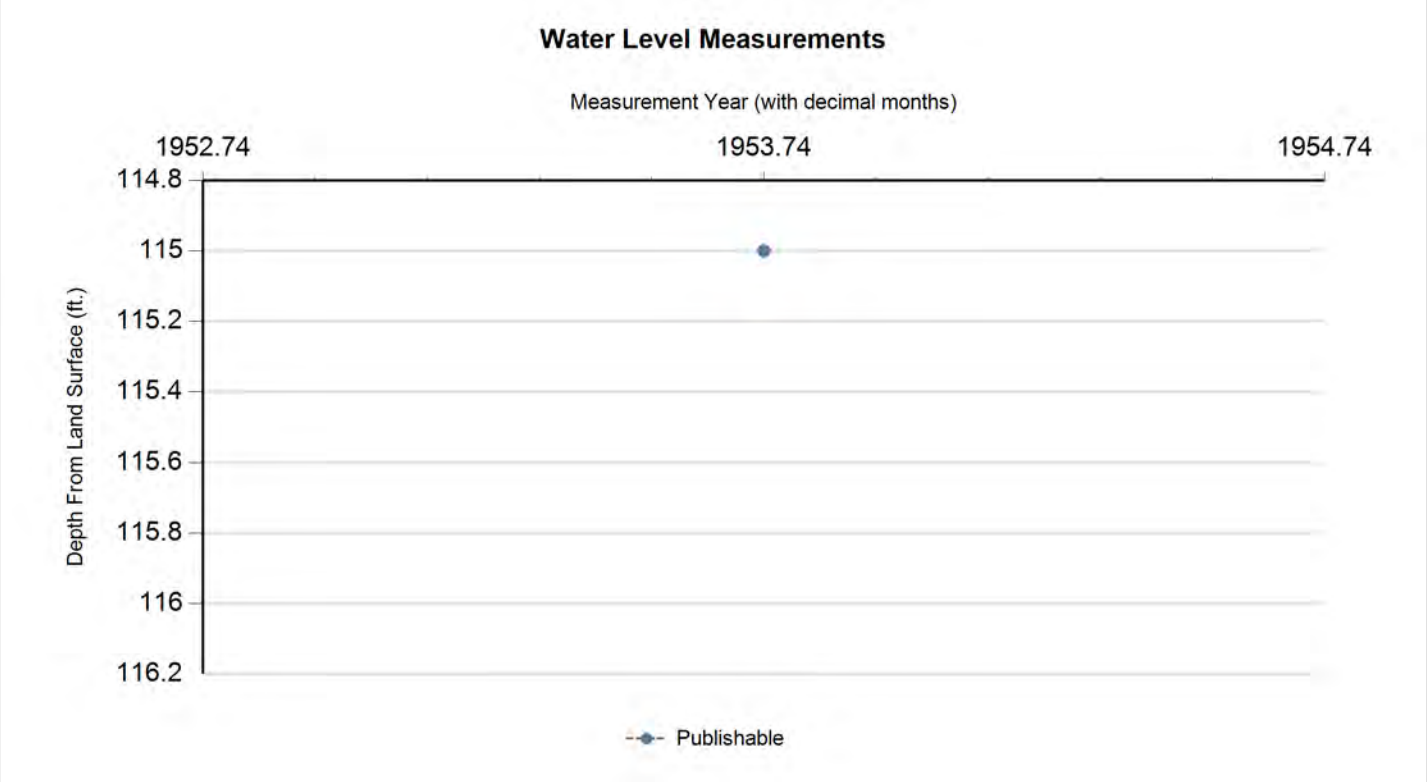
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	8/0/1953		115		-30	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

65-12-3Q 3Q

Dup

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

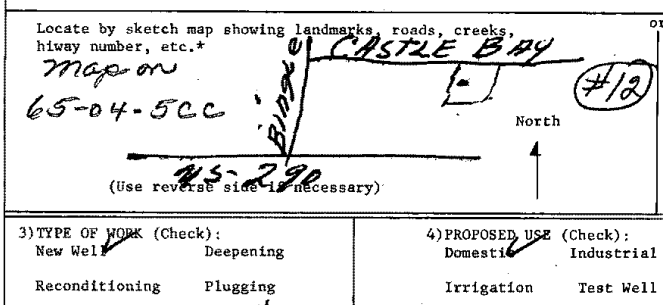
For TWDB use only
Well No. 65-12-3Q
Located on map yes
Received: 25 yes

1) OWNER:
Person having well drilled OTIS OLIVER (Name) Address 6619 CASTLE BAY (Street or RFD) HOUSTON TEXAS (City) (State)

Landowner " " (Name) Address " " (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS, 12 miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*



(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well ✓ Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): Rotary ✓ Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 3 7/8 in. Depth drilled 41 ft. Depth of completed well 41 ft. Date drilled 8-18-74

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOP SOIL
2	18	RED & GRAY CLAY
18	20	RED SAND
20	24	RED CLAY
24	41	SAND

(Use reverse side if necessary)

9) Casing:
Type: Old ~~New~~ Steel Plastic ✓ Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
2	0	33	SCH 40

10) SCREEN:
Type PLASTIC
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2	33	41	8

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 21 ft. below land surface Date 8-18-74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 30 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes ~~No~~ ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes ~~No~~ ✓
Did any strata contain undesirable water? Yes No.
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B. LUMPKIN, JR (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 7507 JANAK DR. (Street or RFD) HOUSTON (City) TEXAS (State)

(Signed) John B. Lumpkin Jr (Water Well Driller) LONG POINT WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

Texas Water Development Board
Well Schedule

State Well Number 6513928 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294512 **Longitude** 952259 **Source of Coords** 3

Owner's Well No. **Location**

Owner
Public Laundries

Driller
Layne Texas

Address **Tenant/Oper.**

Date Drilled / /1927 **Depth** 1377 **Source of Depth** **Altitude** 56 **Source of Alt.**

Well Type W **User**

WEL CONSTRUCTION

Const-Method

Completion

Casing Material Blank

Screen Material Blank

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to_____

LIFT DATA - Pump Mfr. - **Type -** NONE **No. Stages**

Bowls Diam - in. **Setting -** ft. **Column Diam. -** in.

Motor Mfr. - **Fuel or Power -** blank **Horsepower -**

YIELD Flow- **GPM** **Pump** **GPM** **Meas.,Rept.,Est.-** **Date-**

WATER USE **Primary -** UNUSED **Secondary -** blank **Tertiary -** blank

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** Y **Logs -** **Other Data -**

WATER LEVELS 2 measurements
1938 to 1966
MIN -305.4 MAX -105.5

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
Screen from 1310 to 1377 ft.
reported yield 150 gpm with 66 ft.
drawdown in 1938. Well destroyed.

Aquifer - 121EVGL **ID -** 15

EVANGELINE
AQUIFER

Texas Water Development Board
Well Schedule

State Well Number 6513931 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294514 **Longitude** 952257 **Source of Coords** 3

Owner's Well No. **Location**

Owner
Horlock Ice co.

Driller
Layne Texas

Address **Tenant/Oper.**

Date Drilled / /1941 **Depth** 509 **Source of Depth** **Altitude** 53 **Source of Alt.**

Well Type W **User**

WEL CONSTRUCTION

Const-Method

Casing Material Blank

Screen Material Blank

Completion

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to____

LIFT DATA - Pump Mfr. - _____ **Type -** AIRLIFT **No. Stages**

Bowls Diam - **in.** **Setting -** **ft.** **Column Diam. -** **in.**

Motor Mfr. - **Fuel or Power -** blank **Horsepower -**

YIELD Flow- **GPM** **Pump** **GPM** **Meas.,Rept.,Est.-** **Date-**

WATER USE **Primary -** INDUSTRIAL **Secondary -** blank **Tertiary -** blank

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** Y **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1941
-108

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
58 ft of screen between 310 and 509 ft. Reported yield 270 gpm with 82 ft drawdown when drilled.

Aquifer - 112CHCTL **ID -** 15

CHICOT AQUIFER.LOWER

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711 OCR Please use black ink.

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER Houston Lighting & Power (Name) ADDRESS P.O. Box 1374 (Street or RFD) Hstn (City) TX (State) 77251 (Zip)

2) LOCATION OF WELL: Diehl Substation N. Houston Rosslyn
County Harris _____ miles in _____ (NE, SW, etc.) direction from _____ (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ SEE ATTACHED MAP on 65-12-1

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 6-14 1990 Completed 6-15 1990

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	370
3 7/8	370	380

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	16	Topsoil & Clay
16	48	Surface Sand
48	110	Clay
110	125	Sand
125	144	Clay
144	171	Sand
171	205	Clay
205	242	Sand & Rock
242	250	Clay
250	260	Sand

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	N	Galvanized	0	370	
2	N	Galvanized	360	370	
2	N	SSRB	370	380	.08

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used _____
320 ft. to 370 ft. No. of Sacks Used _____
Method used Halliburton
Cemented by Bussell & Son Inc

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS: Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did the drilling penetrate any strata which contained undesirable constituents? ☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

RECEIVED AUG 7 1990 TEXAS WATER COMMISSION

SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☑ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level 239 ft. below land surface Date 6-15-90
Artesian flow _____ gpm. Date _____

12) PACKERS:

Type	Depth
K-Packer	360

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

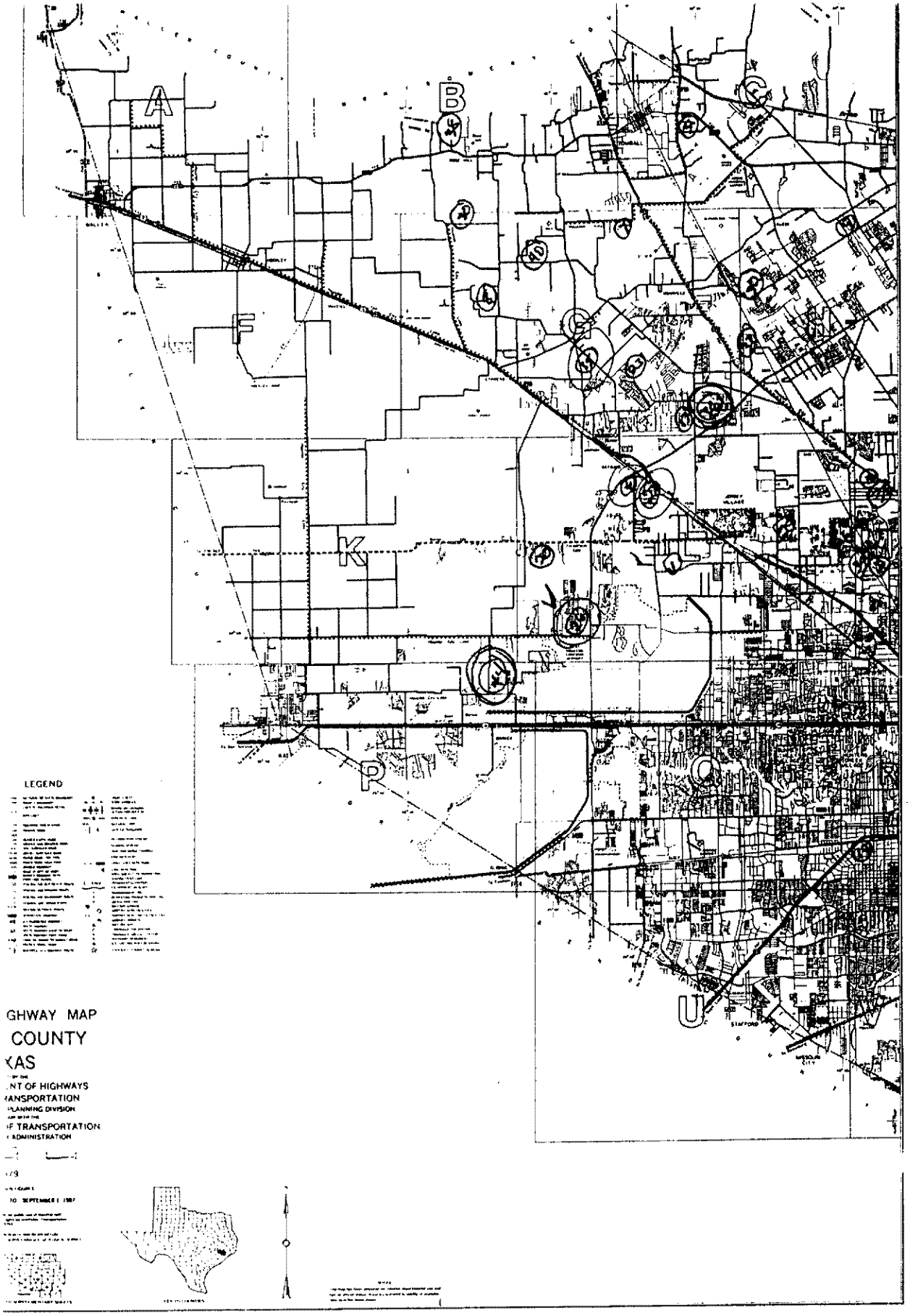
COMPANY NAME Bussell & Son, Inc. (Type or print) WELL DRILLER'S LICENSE NO. 2035
ADDRESS P.O. Box 874 (Street or RFD) Tomball (City) TX (State) 77377-0874 (Zip)
(Signed) Craig Bussell (Licensed Well Driller) (Signed) David L Young (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 65-13-1 Located on map _____

WWD-012 (Rev. 09/21/88)

TEXAS WATER COMMISSION COPY


A
B
F
K
P
U
LEGEND
GHWAY MAP
COUNTY
XAS
NT OF HIGHWAYS
ANSPORTATION
PLANNING DIVISION
F TRANSPORTATION
ADMINISTRATION

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING PRIVILEGE OF CONFIDENTIALITY

The Water Well Drillers Board and the Texas Water Commission are concerned that some persons having wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every licensed water well driller drilling, deepening or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within 60 days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. Each copy of a well log, other than a Commission copy, shall include the name, mailing address, and telephone number of the Board and the Commission. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential.

From (ft.)	To (ft.)	Description and color of formation material
260	282	Clay
282	342	SAND
342	353	CLAY
353	380	SAND

65-13-1C GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-1C
Located on map yes
Received: 6-8
Form GW 8
Form GW 9

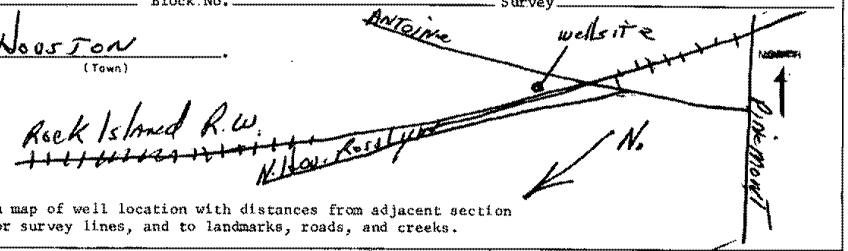
1) OWNER:
Person having well drilled MATCOTE Company (Name) Address 5810 N. Hou. Rosslyn Hou. (Street or RFD) (City) Texas (State)

Landowner SAME (Name) Address SAME (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS Labor ____ League ____ Abstract No. ____

NW¼ NE¼ SW¼ SE¼ of Section ____ Block No. ____ Survey ____
(Circle as many as are known)

miles in 9 NW. (N.E., S.W., etc.) direction from HOUSTON (Town).



Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check): New Well ☑ Deepening ☐ Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check): Domestic ☐ Industrial ☑ Municipal ☐ Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check): Rotary ☑ Driven ☐ Dug ☐ Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 6½ in. Depth drilled 441' ft. Depth of completed well 441' ft. Date drilled 6-18-68

All measurements made from ____ ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil	316	333	Medium Sand
3	41'	Red Clay	333	362	White Clay
41'	62'	Red Sand	362	373	Coarse Sand
62'	141'	Red + Yellow Clay	373	384	Hard Shale
141	168'	Fine Sand	384	391	Coarse Sand
168	297'	White Clay	391'	423	White Clay
297'	310'	Fine Sand	423	441	Coarse Sand
310	316'	Hard Shale			(Use reverse side if necessary)

7) COMPLETION (Check): Straight wall ☑ Gravel packed ☐ Other ☐ Under reamed ☐ Open hole ☐

8) WATER LEVEL: Static level 180 ft. below land surface Date 6-18-68
Artesian pressure ____ lbs. per square inch Date ____

9) CASING:
Type: old ☐ New ☑ Steel ☑ Plastic ☐ Other ☐
Cemented from 334 ft. to 384 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
6			
4"	0'	384'	

10) SCREEN:
Type S.S. Wire-wrapped
Perforated ☑ Slotted ☐

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size
2½"	437'	423	#14
2½"	385'	391'	#14

11) WELL TESTS:
Was a pump test made? ☐ Yes ☑ No If yes by whom?

Yield: ____ gpm with ____ ft. drawdown after ____ hrs
Bailer test ____ gpm with ____ ft. drawdown after ____ hrs
Artesian flow ____ gpm Date ____
Temperature of water ____
Was a chemical analysis made? ☐ Yes ☐ No
Did any strata contain undesirable water? ☐ Yes ☐ No
Type of water? ____ depth of strata ____

12) PUMP DATA:
Manufacturer's Name Red Jacket
Type Submersible H.P. 5
Designed pumping rate 35 gpm ☑ gph ☐
Type power unit Electric
Depth to bowls, cylinder, jet, etc., 252' ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy C Bussell (Type or Print) Water Well Drillers Registration No. #707

Address 9735 N. Houston Rosslyn (Street or RFD) Houston (City) Texas (State)

(Signed) Tommy C Bussell (Water Well Driller) Bussell & Son Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

GM

GW 7

opy by
to the
Development Board
06
78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 6-
Located on map
Received:
Form GW 8
Form GW 9

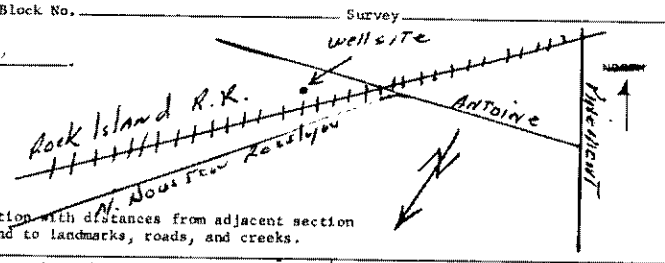
having well drilled MATCOTE Company (Name) Address 5510 N. Hou. Rosslyn Hou. Texas (Street or RFD) (City) (State)

owner SAME (Name) Address SAME (Street or RFD) (City) (State)

LOCATION OF WELL
County Harris Labor League Abstract No.

NW¼ NE¼ SW¼ SE¼ of Section Block No. Survey
(Circle as many as are known)

miles in 9 NW (NE, SW, etc) direction from Houston (Town)



Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check): New Well ☒ Deepening ☐ Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check): Domestic ☐ Industrial ☒ Municipal ☐ Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check): Rotary ☐ Driven ☐ Dug ☐ Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 11¾ & 6¼" in. Depth drilled 441 ft. Depth of completed well 441 ft. Date drilled 6-18-68

All measurements made from ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	From (ft.)	To (ft.)	Description and color of formation material
0	3	Top soil	316	333	Medium Sand
3	41	Red Clay	333	362	White Clay
41	62	Red Sand	362	373	Coarse Sand
62	141	Red-Yellow Clay	373	384	Hard Shale
141	168	Fine Sand	384	391	Coarse Sand
168	297	White Clay	391	423	White Clay
297	310	Fine Sand	423	441	Coarse Sand
310	316	Hard Shale			(Use reverse side if necessary)

7) COMPLETION (Check): Straight wall ☒ Gravel packed ☐ Other ☐ Under reamed ☐ Open hole ☐

8) WATER LEVEL: Static level 150 ft. below land surface Date 6-18-68
Artesian pressure lbs. per square inch Date

9) CASING: Type: old ☐ New ☒ Steel ☒ Plastic ☐ Other ☐
Cemented from ft. to ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0'	384'	STD
			"

10) SCREEN: Type 5.5 Wire Wrapped
Perforated ☒ Slotted ☐

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size
2½"	437	423	#14
2½"	385	391	#14

11) WELL TESTS:
Was a pump test made? ☐ Yes ☒ No If yes by whom?
Yield: gpm with ft. drawdown after hrs
Bailer test gpm with ft. drawdown after hrs
Artesian flow gpm Date
Temperature of water
Was a chemical analysis made? ☐ Yes ☐ No
Did any strata contain undesirable water? ☐ Yes ☐ No
Type of water? depth of strata

12) PUMP DATA:
Manufacturer's Name Red Jacket
Type Submersible H.P. 5 hp
Designed pumping rate 35 gpm ☒ gph ☐
Type power unit Electric
Depth to bowls, cylinder, jet, etc., ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy C. Bussell (Type or Print) Water Well Drillers Registration No. #709

Address 9735 N. Houston Rosslyn (Street or RFD) Houston (City) Texas (State)

(Signed) Tommy C Bussell (Water Well Driller) Bussell & Son Inc. (Company Name)

ease attach electric log, chemical analysis, and other pertinent information, if available.

48201-0422

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 115 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - Longitude - Source of Coords -

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Matcote Co. Driller - Bussell & Son

Address _____ Tenant/Oper. _____
Date Drilled - 06/18/1968 Depth - 441 ft. Source of Depth - D Altitude - 83 ft. Source of Alt. - M
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User -

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) Setting(feet) From To

LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 5.0

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- D Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CHCT
Well No. - 65 13 115

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 120 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 51 16 Longitude - 95 28 33 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Houston Lighting & Power Co. Driller - A. Chrysty Kuhlmann

Address _____ Tenant/Oper. _____
Date Drilled - / /1969 Depth - 342 ft. Source of Depth - Altitude - 84 ft. Source of Alt. -
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User -

WELL CONSTRUCTION Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (
Open Hole (O)
Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To

LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- DOMESTIC Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data-

WATER LEVELS Date- 02/00/1969 Measurement- -176.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 09/30/2002

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB R178: Screen from 317 to
342 ft.

Aquifer - 112CHCT
Well No. - 65 13 120

Texas Water Development Board
Well Schedule

State Well Number 6514709 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294700 **Longitude** 952156 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Crescent Laundry

Driller
Layne Texas Co.

Address _____ **Tenant/Oper.** _____

Date Drilled / /1936 **Depth** 235 **Source of Depth** **Altitude** 51 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material** **Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to_____**

Completion **Screen Material**

LIFT DATA - **Pump Mfr. -** _____ **Type -** NONE **No. Stages** _____

Bowls Diam - _____ **in.** **Setting -** _____ **ft.** **Column Diam. -** _____ **in.**

Motor Mfr. - _____ **Fuel or Power -** **Horsepower -**

YIELD Flow- _____ **GPM** **Pump** _____ **GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary -** UNUSED **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1936
-59

Recorded By _____ **Date Record Collected or Updated -** 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: Screen from 182 to 206 ft.

Aquifer - 112CHCTL **ID -** 15
CHICOT AQUIFER,LOWER

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 12 905 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 49 Longitude - 95 30 51 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Memorial Village Driller - Katy Drilling

Address _____ Tenant/Oper. _____
Date Drilled - / /1960 Depth - 1,570 ft. Source of Depth - Altitude - 75 ft. Source of Alt. - M
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 555700

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) Setting(feet) From To

LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- PUBLIC SUPPLY Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- Y Logs- Other Data-

WATER LEVELS Date- 03/31/1960 Measurement- -197.00
Date- 01/27/1970 Measurement- -320.00

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -
REMARKS -
196 ft of screen between 989 and
1554 ft. Reported yield 1000 gpm
with 44 ft drawdown when drilled.
Test hole drilled to 1644 ft.
Well 2.

Aquifer - 121EVGL
Well No. - 65 12 905

02425

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER Glad Tidings (Name) Address 6903 Grovecrest (Street or RFD) Houston (City) TX (State) 77092 (Zip)

2) LOCATION OF WELL: County Harris Grovecrest _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ See attached map. 0065-04-9

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 11-30 19 88 Completed 12-1 19 88

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	370'

From (ft.)	To (ft.)	Description and color of formation material
0'	18'	Top Soil & Clay
18'	50'	Surface Sand
50'	95'	Clay
95'	110'	Sand
110'	174'	Clay
174'	230'	Sand
230'	258'	Clay
258'	280'	Sand
280'	291'	Clay
291'	334'	Sand
334'	339'	Clay
339'	341'	Sand
341'	358'	Clay
358'	370'	Sand

(Use reverse side if necessary)

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	PVC	0'	360'	
2	N	galvanized	350'	360'	
2	N	PVC	360'	370'	.014

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 10 ft. No. of Sacks Used _____
350 ft. to 360 ft. No. of Sacks Used _____
Method used Haliburton
Cemented by Bussell & Son, Inc.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☒ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 254 ft. below land surface Date 12-1-88
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: 25 gpm with 15 ft. drawdown after 3 hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

RECEIVED APR 28 1989 TEXAS WATER COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Bussell & Son, Inc. (Type or Print) Water Well Driller's License No. 2035

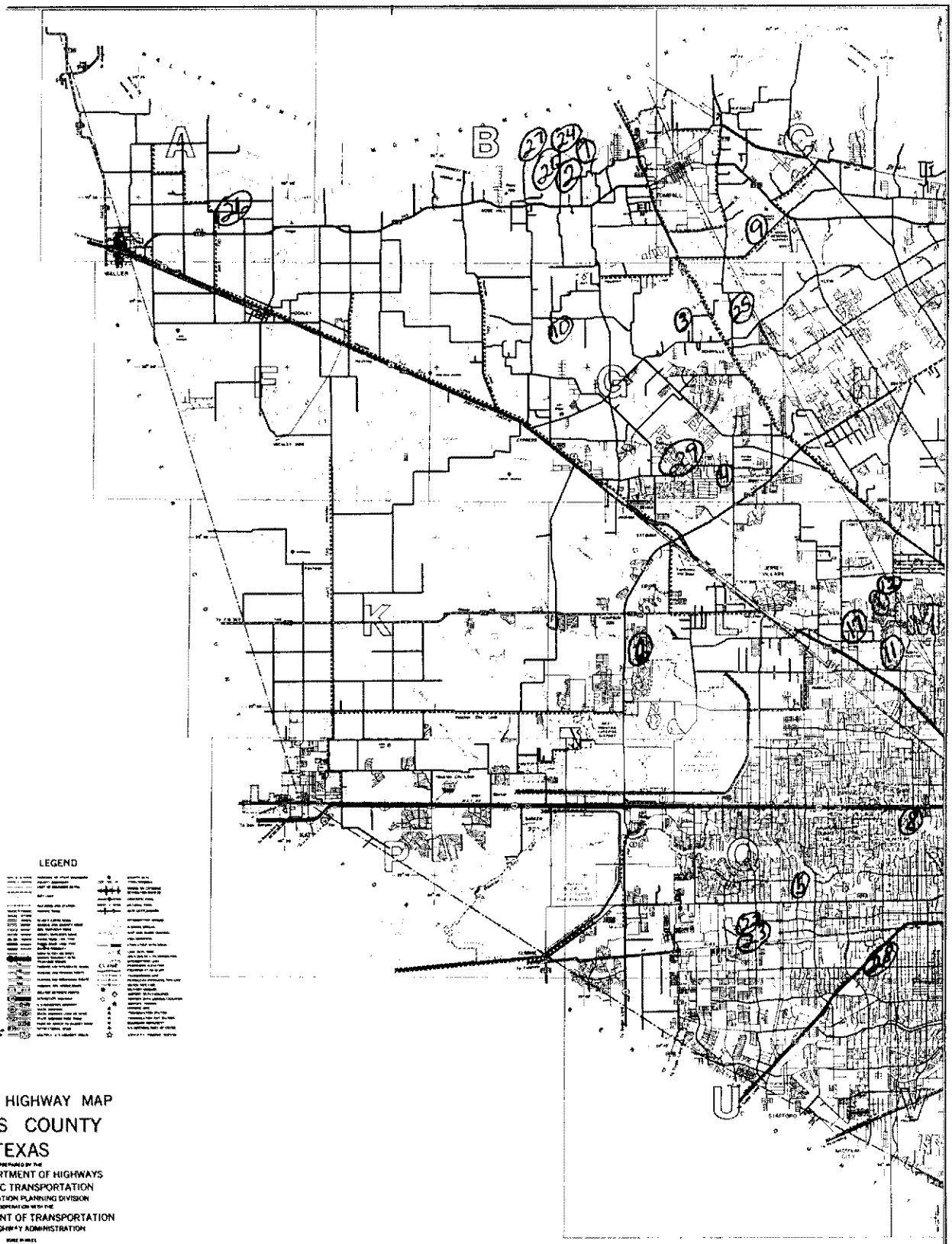
ADDRESS P.O. Box 874 (Street or RFD) Tomball (City) TX (State) 77375 (Zip)

(Signed) Craig Bussell (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

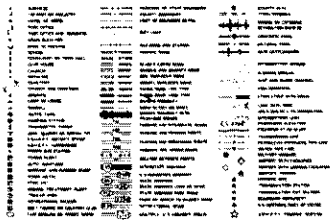
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only. Well No. 65/3-1 Located on map _____

WWD-012 (Rev.01-28-87) TEXAS WATER COMMISSION COPY



LEGEND



GENERAL HIGHWAY MAP
HARRIS COUNTY
TEXAS

PREPARED BY THE
STATE DEPARTMENT OF HIGHWAYS
AND PUBLIC TRANSPORTATION
TRANSPORTATION PLANNING DIVISION
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

SCALE IN MILES

1979

1980 CENSUS FIGURES

HIGHWAYS REVISED TO SEPTEMBER 1, 1980

KEY TO NAME SHEETS

KEY TO SUPPLEMENTARY SHEETS

KEY TO COUNTIES

NOTICE

HARRIS COUNTY TEXAS 102

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Gary Oeser	8518 FM 2145	Ledbetter	TX	78946

2) WELL LOCATION

County	Physical Address	City	State	Zip
Harris	6733 Grove Crest	Houston	TX	77092

Lat. | Long. | Grid # 65-13-1

3) Type of Work
☑ New Well ☐ Deepening ☐ Reconditioning

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 4/12/01
Completed 4/12/01

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
5	Surface	50

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft)	To (ft)	Description and color of formation material
Surface	22	Yellow Clay
22	47	Sand Sgc

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☒ Gravel Packed ☐ Other
If Gravel Packed give the interval from 47 ft. to 37 ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
2	N	Casing Plastic	Surface	37	SCH 40
2	N	Screen Plastic			

9) Cementing Data
Cementing from 37 ft. to Surface ft. # of sacks used 10
ft. to ft. # of sacks used
Method Used Pressure
Cementing By Raymond Services, Inc.
Distance to septic system field or other concentrated contamination ____ ft.
Method of verification of above distance Customer

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion
☐ Specified Surface Slab Installed
☒ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump
☐ Turbine ☑ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc. ____ ft.

11) Water Level
Static level 11 ft. below Date 4/12/01
Artesian Flow ____ gpm. Date / /

15) Water Test
Typetest ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 10 gpm with 5 ft. drawdown after 1 hrs.

12) Packers Type Depth
NONE

16) Water Quality
Did you knowingly penetrate and strata which contain undesirable constituents.
☐ YES ☑ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water ____ Depth of Strata ____
Was a chemical analysis made ☐ Yes ☐ No

Company or individual's Name (type or print): Raymond Services, Inc. 4577WI

Address 10011 Airline Drive | City Houston | State TX | Zip 77037

Signature (Licensed Driller/Pump Installer) | Date / / | Signature (Apprentice) | Date 4/12/01

TDLR FORM 001WWD *White - TDLR* *Yellow - Owner* *Pink - Driller/Pump Installer* #20125542

10/06/2021
04:10:45

Texas Commission on Environmental Quality
DWW Water System Summary Sheet

PWS ID	PWS Name	Central Registry RN
TX1011346	OYOG OPERATIONS	RN102314929

Organization/Customer *	Central Registry CN
OYOG OPERATIONS LP	CN602772758

*Regulatory mail will be addressed to this organization/person

All Water System Contacts

Type	Contact	Communication	
		Phone Type	**Value**
AC - Administrative Contact - CFO	MCENTIRE, TOM 7007 PINEMONT DR HOUSTON, TX 77040-6601	BUS - Business	713-986-8674
		FAX - Facsimile	713-986-4445
OW - Owner	OYOG OPERATIONS LP 7007 PINEMONT DR HOUSTON, TX 77040-6601		
		Phone Type	**Value**
PWS - Public Water System Contact	REUTER, CHRISTOPHER, E	BUS - Business	713-986-8674
		MOB - Mobile	281-630-1993

Operator Grade	Number

Water Operator Licenses

No Licensing Data for this PWS

Owner Type	Owner Type Options: COUNTY, DISTRICT, FEDERAL GOVERNMENT, INVESTOR OWNED, MUNICIPALITY, NATIVE AMERICAN, PRIVATE, STATE GOVERNMENT, WATER SUPPLY CORPORATION
Private	

System Type	System Type Options: COMMUNITY, TRANSIENT/NON-COMMUNITY, NON-PUBLIC, NON-TRANSIENT/NON-COMMUNITY
NP - NON-PUBLIC	

Population Type	Population Served	# of Connect	# I/C w/other PWS

Total Product (MGD)	Average Daily Consump.	Max Daily Demand (MGD)	Total Storage (MG)	Elev. Storage (MG)	Service Pump Cap.	Max.Purchase Cap. (MGD/GPM)	Pressure Tank Cap. (MG)

Activity Status	Inactivation Date
I - INACTIVE	01/28/2011

Last Survey Date	Surveyor	Survey Type	Region	County
02/23/2004	MELODY, E KIRKSEY	Sanitary Survey	HOUSTON	HARRIS
11/13/2002	MELODY, E KIRKSEY	Sanitary Survey	HOUSTON	HARRIS
No Site Visit Data				

(Treatment Plant)

Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP001	TRT-TAP / No Source Listed(I)	PLANT - 7007 PINEMONT DR(I)	TP6158		NO		NO

Train: Unnamed

(Treatments)

Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	P	346	FILTRATION, SLOW SAND
null	null	D	423	HYPOCHLORINATION, PRE

(Active Sources)

(Inactive/Offline Sources)

SourceNumber	Name	Status	Depth
P1011346A	SW FROM CITY OF HOUSTON	O	N/A

Code Explanations

Monitoring Type Codes: (GW) GROUNDWATER , (GUP) GROUNDWATER UNDER THE INFLUENCE - PURCHASED , (SWP) SURFACE WATER - PURCHASED , (GU) GROUNDWATER UNDER THE INFLUENCE OF SURFACE WATER , (N) NO SOURCES , (SW) SURFACE WATER

Activity Status Codes: (A) ACTIVE , (D) DELETED/DISSOLVED , (I) INACTIVE , (P) PROPOSED ,

Operational Status Codes: (E) EMERGENCY , (I) INTERIM/PEAK (O) OTHER , (P) PERMANENT , (S) SEASONAL

Source Types: (G) GROUND WATER , (S) SURFACE WATER , (U) GROUND WATER UNDER THE INFLUENCE

- End of Report -

At the time of your query this data was the most current information available from our database, which is in real time. Every effort was made to retrieve it according to your query. Thank-you for using DWW.

TEXAS DEPARTMENT OF WATER RESOURCES

WELL SCHEDULE

Aquifer(s) Evangeline Project No. _____ State Well No. 65-13-113

Field No./Owner's Well No. 1 County HARRIS

1. Location: ___ ¼, ___ ¼, Section ___, Block ___, Survey _____, Lat. _____, Long. _____

2. Owner: Cleco Tools Address: _____

Tenant (other): _____ Address: _____

Driller: Layne Texas Address: _____

3. Land Surface Elevation: 86 ft. above msl determined by _____

4. Drilled: 6-28 19 66 ; Dug, Cable Tool, Rotary, Air, _____

5. Depth: Rept. 1000 ft. Meas. _____ ft.

6. Borehole Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed

7. Pump: Mfr. _____ Type T

No. Stages _____, Bowls Diam. ___ in., Setting _____ ft.

Column Diam. _____ in., Length Tailpipe _____ ft.

8. Motor: Mfr. _____ Fuel E HP. 50

9. Yield: Flow _____ gpm, Pump _____ gpm, Meas., Rept., Est. ___ Date ___

10. Performance Test: Date 7/14/66 Length of Test _____ Made by L-T

Static Level 211 ft. Pumping Level ___ ft. Drawdown 64 ft.

Production 500 gpm Specific Capacity _____ gpm/ft.

11. Quality: (Remarks on taste, odor, color, etc.) _____

Analyses

Date _____ Laboratory _____ TDS ___ Sp Cond _____

Date _____ Laboratory _____ TDS ___ Sp Cond _____

12. Other data available (as circled): Pumping Test, Power & Yield Test, Drillers Log, Formation Samples, Geophysical Log(s) Q1696 (type)

13. Water Level(s): _____ ft. rept. meas. _____ 19__ above below _____ which is ___ ft. above below Land Surface

_____ ft. rept. meas. _____ 19__ above below _____ which is ___ ft. above below Land Surface

14. Use: Dom., Stock, Public Supply, Ind., Irr., Observation, Other (Test Hole, Oil Test, etc.) _____

15. Recorded by: _____ Source of data: _____ Date: _____

16. Remarks: _____

17. Location or Sketch:

CASING, BLANK PIPE & WELL SCREEN Cemented From ___ ft. to ___ ft.			
Diam. (in.)	Type	Setting (feet) from	to

Q 1696

W/L Obs. Well ___ W/Q Obs. Well ___

State Well No. 65-13-113

TDWR-0308

FORM NO. 28

65 13-4D

REPORT NO. 7352
S. O. 2112-66
PAGE 1 of 1
FILE NO. 3113
DATE 8/11/66

LAYNE TEXAS COMPANY.

HOUSTON -:- DALLAS

WELL LOG

CUSTOMER LOCATION	WELL DATA
FOR Cleco Tools	NAME WELL — WELL NO 1
LOCATION WELL New Plant, Houston	ELEVATION — DATUM
SURVEY — FIELD	RT — C — GR
COUNTY Harris — STATE Texas	TEST HOLE SIZE 7-7/8" TD 1002'
OTHER LAND MARKS Off Pinemont Street near Hempstead Highway	DATE STARTED DRILLING 6-24-66
	DATE FINISHED DRILLING 6-28-66
	DRILLER B. Patton — RIG NO 10
	TYPE MUD Gel — NO. SACKS 15
	ELECTRIC LOG Yes — TYPE Widco
	SURVEY Eastman — TYPE Single-shot
	OTHER

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	TYPE	NUMBER
0		Surface			
55	55	Clay			
78	23	Brown sand			
213	135	Clay & sandy clay			
235	22	Brown sand			
249	14	Clay			
277	28	Sand			
294	17	Clay			
310	16	Sand			
318	8	Clay			
336	18	Sand w/clay layers			
347	11	Clay			
366	19	Sand & layers of clay			
386	20	Broken sand, clay & lime			
417	31	Clay & sandy clay			
430	13	Sand			
451	21	Clay & sandy clay			
479	28	Sand			
492	13	Sand & sandy clay			
516	24	Sand (broken)			
524	8	Clay			
565	41	Sands			
568	3	Clay			
578	10	Sand			
620	42	Clay & sand breaks			
678	58	Clay & sandy clay			
739	61	Sand & lime			
766	27	Clay & lime			
797	31	Sand & lime			
800	3	Clay			
850	50	Sand & lime			
860	10	Clay			
932	72	Sand & clay streaks			
947	15	Clay			
981	34	Sand			
1002	21	Sandy clay			

Total depth 1002 ft.

[redacted]

65-13-4D

Q-1696

65-13-11B - 19

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

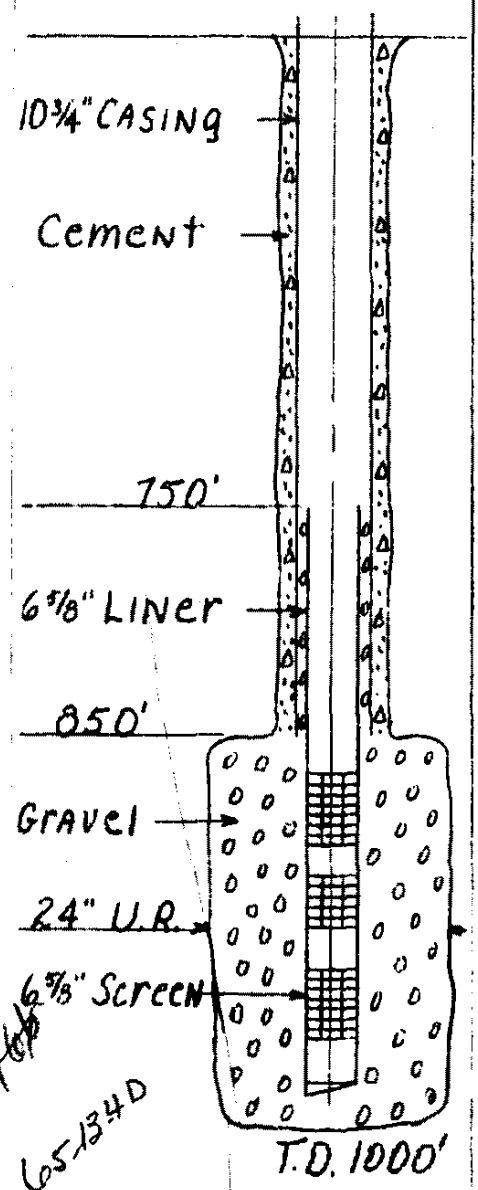
MATERIAL SETTING

REPORT NO. 7353
S.O. 2112-66
PAGE 1 OF 1
FILE NO. 3113
DATE 8/11/66

CUSTOMER LOCATION	WELL DATA
FOR Cleco Tools	NAME WELL WELL NO. 1
LOCATION WELL New Plant, Houston	ELEVATION DATUM
SURVEY FIELD	TYPE WELL Gravel-wall
COUNTY Harris STATE Texas	SURFACE CASING CEMENTED 850' NO. SACKS 275+8% Gel
OTHER LAND MARKS Off Pinemont Street near Hempstead Hwy.	SIZE HOLE UNDERREAMED 24" DEPTH 850-1000
	GRAVEL TYPE 112,113, 165,152 NO. CU. YDS 58
	TYPE SCREEN S.S.W.W. Barlug GAGE .045"
	DRILLER B. Patton RIG NO. 10
	OTHER C. Brewer

DEPTH	LENGTH	SIZE, KIND, WEIGHT MATERIAL
+3'		10-3/4" O.D. surface casing 3' above ground
0		Surface
750'		Top of 6-5/8" O.D. liner
850'	853'	10-3/4" O.D. surface casing
870'	120'	6-5/8" O.D. blank liner
900'	30'	6-5/8" O.D. S.S. W.W. Barlug screen .045" ga.
910'	10'	6-5/8" O.D. blank pipe
930'	20'	6-5/8" O.D. S.S. W.W. Barlug screen .045" ga.
950'	20'	6-5/8" O.D. blank pipe
980'	30'	6-5/8" O.D. S.S. W.W. Barlug screen .045" ga.
998'	18'	6-5/8" O.D. blank pipe
1000'	2'	6-5/8" O.D. set nipple & back pressure valve
Total depth 1000 ft.		

SKETCH



65-134D

65-13-113

20

21

FORM NO. 88 -

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-211

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513211
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.862501
Latitude (degrees minutes seconds)	29° 51' 45" N
Longitude (decimal degrees)	-95.433889
Longitude (degrees minutes seconds)	095° 26' 02" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	92
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	150
Well Depth Source	Unknown
Drilling Start Date	
Drilling End Date	
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Public Supply
Water Level Observation	None
Water Quality Available	Yes
Pump	Jet
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	James Love
Driller	
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	
Created Date	5/13/1999
Last Update Date	5/13/1999

Remarks	Supplies Acre Homes area.

Casing - No Data

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements

No Data Available

Water Quality Analysis

Sample Date: 7/9/1965 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:**

Sampled Aquifer: Chicot Aquifer

Analyzed Lab: **Reliability:** Reliability unknown or not available

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		401.64	mg/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		490	mg/L	
01020	BORON, DISSOLVED (UG/L AS B)		100	ug/L	
00910	CALCIUM (MG/L)		70	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		57	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.6	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		294	mg/L	
01045	IRON, TOTAL (UG/L AS FE)		100	ug/L	
00920	MAGNESIUM (MG/L)		29	mg/L	
01055	MANGANESE, TOTAL (UG/L AS MN)		0	ug/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)		3.8	mg/L	
00400	PH (STANDARD UNITS), FIELD		7.4	SU	
00937	POTASSIUM, TOTAL (MG/L AS K)		0.9	mg/L	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		2.15		
00955	SILICA, DISSOLVED (MG/L AS SI02)		18	mg/L	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		2.41		
00932	SODIUM, CALCULATED, PERCENT		41	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)		95	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		922	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		18	mg/L	
00010	TEMPERATURE, WATER (CELSIUS)		23	C	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		533	mg/L	

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: REEVES, JOE ADDRESS: 11211 WILDING LANE CITY: HOUSTON STATE: TX ZIP: -

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-12-9
Street or RFD: LAT.29-46.40 LONG.095-30.69
City, State, Zip code: HOUSTON , TX -

5)

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: SINGLE FAMILY RESID
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 02189

DATE DRILLING:
STARTED: 11/26/01
COMPLETED: 12/18/01

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.0	0	400
4.875	400	430

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: TWO STRING/K-PACKER

IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

N^

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	400		CASING
3.0	N	P.V.C. SCH.40	391	408		LINER
3.0	N	P.V.C. - SLOTTED	408	428		.012
3.0	N	P.V.C. SCH.40	428	430		LINER

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	17	CLAY-GRAY CLAY-TAN CLAY-RED
17	46	SAND-TAN-.006-.008
46	161	CLAY-RED CLAY-BROWN
161	185	SAND-TAN-.010-.012 SAND-TAN-.014-.020
185	248	CLAY-RED CLAY-GRAY
248	270	SAND-TAN-.006-.008 SAND-TAN-.010-.012
270	306	ROCK BROKEN SAND & CLAY
306	354	SAND-WHITE-.006-.008 SAND-WHITE-.010-.012
354	395	BROKEN SAND & CLAY ROCK
395	428	SAND-WHITE-.010-.012
428	430	CLAY-RED

9) CEMENTING DATA:
Cemented from 0 FT. TO 400 FT. No. of Sacks Used 85
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS
Distance to septic field lines: N/A ft.
Method of verification of above distance:
CITY SEWER

10) SURFACE COMPLETION:
SURFACE SLAB INST.

11) WATER LEVEL:
STATIC LEVEL : 210 FT. DATE: 12/03/01
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
K-PACKER	391
K-PACKER	392

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 316

14) WELL TEST:
JETTED
YIELD: 150 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 430 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2843,2350
ADDRESS: P.O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TWC USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Carl Lattin (LICENSED WATER WELL DRILLER)

(signed) _____ (REGISTERED DRILLER TRAINEE)

4820126121

Texas Water Development Board
Well Schedule

State Well Number 6521334 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **GMA** 14 **Latitude** 294447 **Longitude** 952324 **Source of Coords** 0

Owner's Well No. _____ **Location** _____

Owner
Baba Yega Resturant

Driller
Scott Drilling Inc.

Address _____ **Tenant/Oper.** _____

Date Drilled 04/03/2002 **Depth** 270 **Source of Depth** D **Altitude** 52 **Source of Alt.** Z

Well Type W **User**

WELL CONSTRUCTION

Const-Method Hydraulic Rotary

Casing Material PVC, Fiberglass, other Plastic

Completion Explained in Remarks

Screen Material PVC, Fiberglass, other Plastic

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to_____

C	4	0	250
C	2	240	250
S	2	250	270

LIFT DATA - **Pump Mfr. -** _____ **Type -** SUBMERSIBLE PUMP **No. Stages** _____

Bowls Diam - _____ **in.** **Setting -** _____ **ft.** **Column Diam. -** _____ **in.**

Motor Mfr. - _____ **Fuel or Power -** **Horsepower -**

YIELD Flow- _____ **GPM** **Pump-** _____ **GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary -** INDUSTRIAL **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** N **Quality -** N **Logs -** D **Other Data -**

WATER LEVELS

Recorded By _____ **Date Record Collected or Updated -** 03/05/2004

Reporting Agency 02

REMARKS -
Drillers Report Tracking #6306.
Depth to pump bowl is 220 ft.
Borehole completion: 2 String.
K-packer at 240 ft.

Aquifer - 112CHCT **ID -** 15

CHICOT
AQUIFER

STATE OF TEXAS WELL REPORT for Tracking #6306

Owner:	**BABA YEGA RESTURANT**	Owner Well #:	**No Data**
Address:	**2607 grant st** **HOUSTON , TX 77006**	Grid #:	**65-21-3**
Well Location:	**SAME** **HOUSTON , TX 77006**	Latitude:	**29° 44' 47" N**
Well County:	**Harris**	Longitude:	**095° 23' 24" W**
Elevation:	**No Data**	GPS Brand Used:	**315 MEGALLION GPS**
Type of Work:	**New Well**	Proposed Use:	**Industrial**

Drilling Date: Started: **4/2/2002**
Completed: **4/3/2002**

Diameter of Hole: **No Data** Diameter: **6 3/4 in From 0 ft To 270 ft**

Drilling Method: **Mud Rotary**

Borehole Completion: Other: **2 STRING**

Annular Seal Data: 1st Interval: **From 250 ft to 0 ft with 15 (#sacks and material)**
2nd Interval: **From 0 ft to 10 ft with 10 (#sacks and material)**
3rd Interval: **No Data**
Method Used: **HALLIBURTON**
Cemented By: **SDI**
Distance to Septic Field or other Concentrated Contamination: **No Data**
Distance to Property Line: **No Data**
Method of Verification: **CITY**
Approved by Variance: **No Data**

OK

Surface Completion: **Surface Sleeve Installed**

Water Level: Static level: **160 ft. below land surface on 4/3/2002**
Artesian flow: **No Data**

Packers: **K-PACKER 240**

Plugging Info: Casing or Cement/Bentonite left in well: **No Data**

Type Of Pump: **Submersible**
Depth to pump bowl: **220 ft**

Well Tests: **Jetted**
Yield: **(No Data) GPM with (No Data) ft drawdown after (No Data) hours**

Water Quality: Type of Water: **No Data**
Depth of Strata: **No Data**
Chemical Analysis Made: **No**
Did the driller knowingly penetrate any strata which contained undesirable constituents: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the log(s) being returned for completion and resubmittal.

65 21 334

Company Information:	**SCOTT DRILLING INC** **11923 GREEN PINE CIRCLE** **HOUSTON , TX 77066**
Driller License Number:	**4839**
Licensed Well Driller Signature:	**SCOTT ROBINSON**
Registered Driller Apprentice Signature:	**DJ JUNEAU**
Apprentice Registration Number:	**No Data**
Comments:	**No Data**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking number (Tracking **#6306**) on your written request.

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
(512) 463-7880

DESC. & COLOR OF FORMATION MATERIAL

From (ft) To (ft) Description
0-25 CLAY 235-270 SAND
25-35 SAND
35-50 CLAY
50-70 SAND
70-80 CLAY
80-90 SAND
90-120 CLAY
120-130 SAND
130-235 CLAY

CASING, BLANK PIPE & WELL SCREEN DATA

Dia.	New/Used	Type	Setting From/To
4	**N**	**PVC CASING**	**0 250**
2.5	**" "**	**LINER**	**240 250**
" "	**" "**	**SCREEN**	**250 270 .012**

Texas Water Development Board
Well Schedule

State Well Number 6521334 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294447 **Longitude** 952324 **Source of Coords** 0

Owner's Well No. _____ **Location** _____

Owner
Baba Yega Resturant

Driller

Address _____ **Tenant/Oper.** _____

Date Drilled **Depth** 270 **Source of Depth** A **Altitude** **Source of Alt.** M

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material**

Completion **Screen Material**

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from ____ **to** ____

LIFT DATA - **Pump Mfr. -** _____ **Type -** **No. Stages** _____

Bowls Diam - _____ **in.** **Setting -** _____ **ft.** **Column Diam. -** _____ **in.**

Motor Mfr. - _____ **Fuel or Power -** **Horsepower -**

YIELD Flow- _____ **GPM** **Pump-** _____ **GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary -** **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** N **Quality -** N **Logs -** **Other Data -**

WATER LEVELS

Recorded By _____ **Date Record Collected or Updated -** 03/05/2004

Reporting Agency 02

REMARKS -

Aquifer - 112CHCT **ID -** 15

CHICOT
AQUIFER

WRD Exp. (CW)
April 1966

Well No. LJ-65-13-927

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by G. McAdoo P.R.L. - 1931 Source of data File Date 3-4-68 Map 1:24000 Houston Heights 1955

State Texas [48] County (or town) Harris [LJ]

Latitude: 29 45 36 N S Longitude: 095 22 32 Sequential number: 1

Lat-long accuracy: 1 T. ___ N S, R ___ E W, Sec ___, ___ k, ___ k, ___ k

Local well number: LJ-65-13-927 Other number: 619 in 8896 B & M

Local use: Owner or name: City of Houston

Owner or name: CITY OF HOUSTON Address: Lincoln Pool

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist ___ [M]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mnd, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other ___ [U]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [U]

DATA AVAILABLE: Well data [9] Freq. W/L meas.: 1931 Monthly [M] Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: None Pumpage inventory: yes no, period:

Aperture cards: yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 900 ft [900] Meas rept 625' accuracy [0]

Depth cased (first perf.) — ft Casing type: steel; Diam. 6 in [6]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, sd. pt., (S), (T), (W) shored, (X) open hole, (Z) other

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other [H]

Date Drilled: old Pump intake setting: ft

Driller: ? unknown

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, cent., (M) multiple, turb., (N) hand, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other [N] Deep Shallow

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. ___ Trans. or meter no.

Descrip. MP ___ ft above below LSD. Alt. MP

Alt. LSD: 45 [45] Accuracy: (source) Topo 5' [3]

Water Level 53.50 ft above below MP; Ft above below LSD [54] Accuracy: Tape

Date meas: 1-30-71 [1 3 1] Yield: — gpm Method determined

Drawdown: — ft Accuracy: Pumping period hrs

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard. ppm

Sp. Conduct K x 10^6 Temp. °F Date sampled

Taste, color, etc.

Well No. LJ-65-13-927

Well No. LJ-65-13-527

Latitude-longitude 25, 45, 36 (N) 095, 22, 32
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: Coastal Plain [0 3] (20–21) Section: _____

[F] (22) Drainage Basin: _____ [5 1 R] (23–25) Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (Q) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27) [F]

MAJOR AQUIFER: _____ system, _____ series [Q] (28–29) _____ aquifer, formation, group [C L] (30–31)

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: _____ ft (38–40) Depth to top of: _____ ft (41–43)

MINOR AQUIFER: _____ system, _____ series (44–45) _____ aquifer, formation, group (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: —

Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

Coefficient Trans: _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)

Well No. LJ-65-13-527

GPO 857-700

4L

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

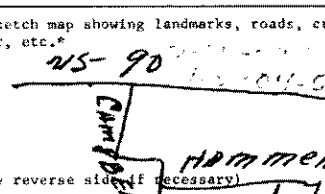
For TWDB use only
Well No. 65-13-4L
Located on map
Received:

1) OWNER:
Person having well drilled C. R. CHESHIRE (Name) Address 9111 HAMMERLY (Street or RFD) HOUSTON (City) TEX (State)

Landowner " (Name) " Address " (Street or RFD) " (City) " (State)

2) LOCATION OF WELL:
County HARRIS 10 miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*



(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening ✗
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic ✓ Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 3 7/8 in. Depth drilled 47 ft. Depth of completed well 47 ft. Date drilled 8-2-74

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOP SOIL
2	30	GRAY CLAY
30	47	SAND

(Use reverse side if necessary)

9) Casing:
Type: Old ~~New~~ ✓ Steel ~~Plastic~~ Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
2	0	39	SCH 40

10) SCREEN:
Type PLASTIC
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2	39	47	10

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 15 ft. below land surface Date 8-2-74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 21 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes ~~No~~ ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes ~~No~~ ✓
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B. LUMPKIN, JR (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 7507 JANAK DR. (Street or RFD) HOUSTON (City) TEXAS (State)

(Signed) John B. Lumpkin Jr (Water Well Driller) LONG POINT WATER WELL SERVICE (Company Name)

Please [illegible] electric log, chemical analysis, and other pertinent information, if available.

*Additi[illegible] instructions on reverse side.

TWDBE-WD-8

4820110029

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

101

1) OWNER: DOTSON, SANTANA ADDRESS: 11002 GREENBAY ST CITY: HOUSTON STATE: TX ZIP: -

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-12-9
Street or RFD: 11002 GREENBAY ST
City, State, Zip code: HOUSTON , TX -

5)

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: DOMESTIC
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 24806

DATE DRILLING:
STARTED: 09/05/02
COMPLETED: 09/06/02

DIAMETER OF HOLE

DIAMETER	FROM	TO
7 7/8	0	417

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: STRAIGHT WALL

N^

IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5	N	PVC CASING	0	392	SDR17
3	N	GALVANIZED LINER	376	397	WW
3	N	S/S PIPE BASE SCREEN	397	417	10

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	TOP SOIL
3	128	CLAY
128	140	SAND
140	146	CLAY
146	194	SAND
194	204	CLAY
204	295	SAND
295	318	CLAY
318	342	SAND CALICHE
342	365	SAND
365	382	CLAY
382	417	SAND

9) CEMENTING DATA:
Cemented from No. of Sacks Used
392 FT. TO 0 FT. 40
FT. TO FT.
Method used: PRESSURE
Cemented by: ODCI
Distance to septic field lines: ft.
Method of verification of above distance:

10) SURFACE COMPLETION:
SLAB

11) WATER LEVEL:
STATIC LEVEL : 208 FT. DATE: 09/06/02
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH
B P SEAL 376

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 357

14) WELL TEST:
JETTED
YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: N/A DEPTH OF STRATA: 35
NO STRATA OF UNDESIRABLE WATER PENETRATED

NO CHEMICAL ANALYSIS MADE

RECEIVED
TDLR MAIL ROOM SH
JAN 0 3 2003

RECEIPT # AMOUNT
FOR TWC USE ONLY
WELL NO.
LOCATED ON MAP

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877,4111,4883,
ADDRESS: 2357 GARDEN RD CITY: PEARLAND STATE: TX ZIP CODE: 77581-8744

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Rogelio Meza (LICENSED WATER WELL DRILLER)

(signed) (REGISTERED DRILLER TRAINEE)

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER Mr. Charles Graham (Name) ADDRESS 9174 Lawston (Street or RFD) Houston (City) TX (State) (Zip)

2) ADDRESS OF WELL: County Harris (Street, RFD or other) (City) (State) (Zip) GRID # 65-12-9

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N

6) WELL LOG:
Date Drilling:
Started May 8 19 96
Completed May 8 1996

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
4 7/8	Surface	53

7) DRILLING METHOD (Check): ☐ Driven ☐ Air Rotary ☑ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	28	Clay
28	53	Sand

(Use reverse side if necessary)

8) Borehole Completion (Check): ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from 20 ft. to 53 ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
2	N	PVC.	0	43	40
2	N	PVC. J210	43	53	.08

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 6
ft. to ft. No. of sacks used
Method used Hand mix
Cemented by CWW.
Distance to septic system field lines or other concentrated contamination — ft.
Method of verification of above distance No septic -

13) TYPE PUMP:
☐ Turbine ☑ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., 40 ft.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 338.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

14) WELL TESTS:
Type test: ☑ Pump ☐ Bailer ☐ Jetted ☑ Estimated
Yield: 5 gpm with ft. drawdown after hrs.

11) WATER LEVEL:
Static level ft. below land surface Date May 8, 96
Artesian flow gpm. Date

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Potable Depth of strata 25'
Was a chemical analysis made? ☐ Yes ☑ No

12) PACKERS: Type — Depth —

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Coastal Water Wells, (Type or print) WELL DRILLER'S LICENSE NO. 812

ADDRESS P.O Box 745 (Street, RFD) Porter (City) TX (State) 77365 (Zip)

(Signed) W.L. Gehrels (Licensed Well Driller) (Signed) Keith Gehrels (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

4820110918

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Jim Schwockenland	9116 Elizabeth	Houston	TX	77055

2) WELL LOCATION

County	Physical Address	City	State	Zip
Harris	Same			

Lat. | Long. | Grid # 65-13-4

3) Type of Work
☑ New Well ☐ Deepening ☐ Reconditioning

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 3/21/01
Completed 3/21/01

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
17	Surface	45

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft)	To (ft)	Description and color of formation material
Surface	15	Yellow & Gray Clay
15	30	Sand & Gra
30		Rock
30	45	Sand & Gra
45		Rock

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion ☐ Open Hole ☑ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☐ Other
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
4	N	Casing Plastic	Surface	35	Sch 40
4	N	Screen Plastic	35	45	.006

9) Cementing Data
Cementing from 35 ft. to Surface ft. # of sacks used 9
ft. to ft. # of sacks used
Method Used Pressure
Cementing By Raymond Services, Inc.
Distance to septic system field or other concentrated contamination ___ ft.
Method of verification of above distance Customer

10) Surface Completion
☐ Specified Surface Slab Installed
☑ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level 12 ft. below Date 3/21/01
Artesian Flow ___ gpm. Date / /

12) Packers

Type	Depth
formation	34

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Typepump
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc. ft.

15) Water Test
Typetest ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 20 gpm with ___ ft. drawdown after ___ hrs.

16) Water Quality
Did you knowingly penetrate and strata which contain undesirable constituents.
☐ YES ☑ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water ___ Depth of Strata ___
Was a chemical analysis made ☐ Yes ☐ No

Company or individual's Name (type or print)	Raymond Services, Inc. 4577WI		
Address 10011 Airline Drive	City Houston	State TX	Zip 77037

Signature	/ /	Signature	3/21/01
Licensed Driller/Pump Installer	Date	Apprentice	Date

TDLR FORM 001WWD White - TDLR Yellow - Owner Pink - Driller/Pump Installer

4820125287

65-13-3N

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-3N
Located on map
Received:

1) OWNER:
Person having well drilled Thomas Dworsky (Name) Address 16122 Greenview Houston, TX (Street or RFD) (City) (State)

Landowner Same (Name) Address 641 Luke Houston, TX (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris, _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

412 Z

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check): Domestic, Industrial, Municipal, Irrigation, Test Well, Other

5) TYPE OF WELL (Check): Rotary, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 6 3/4 in. Depth drilled 266 ft. Depth of completed well 281 ' ft. Date drilled 6-77

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	10	White Clay
10	30	Yellow & Red Clay
30	35	Red Clay
35	48	Sand
48	57	Clay Red
57	70	Sand
70	75	Clay & Sand
75	90	Clay Red
90	126	Red & White Clay
126	165	Sand & White Clay Mixed
165	186	White & Gray Clay
186	206	Red & Gray Clay

(Use reverse side if necessary)

9) Casing:
Type: Old, New, Steel, Plastic, Other
Cemented from 266 up ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4"	1	266	40

10) SCREEN:
Type Well Supplies Inc. Plastic Wrapped
Perforated, Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2½	10 '	271 '	281	16 ga.

7) COMPLETION (Check): Straight wall, Gravel packed, Other, Under reamed, Open Hole

8) WATER LEVEL:
Static level 140' ft. below land surface Date 6-77
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 189 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME C. A. Raymond Jr. (Type or Print) Water Well Drillers Registration No. TDI. 774

ADDRESS 10011 Airline Drive (Street or RFD) Houston (City) Texas (State)

(Signed) C. A. Raymond Jr. (Water Well Driller) Raymond Water Well Drilling (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

4820110984

8B

Send original copy by certified mail to the
Texas Water Development Board
P. O. Box 13087
Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No.
Located on map
Received:

1) OWNER:
Person having well drilled Glen Sollberger Union Alloys (Name) Address 9135 Old Katy Rd. (Street or RFD) Hou (City) Tex (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris, miles in direction from Houston (N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.* (46) North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor League

Block Survey

Abstract No.

(NW¼ NE¼ SW¼ SE¼) of Section

3) TYPE OF WORK (Check): New Well ✓ Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic Industrial ✓ Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): Rotary ✓ Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 1/2 in. Depth drilled 337 ft. Depth of completed well 337 ft. Date drilled 2/24/74

All measurements made from 4 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil
3	316	Unconsolidated
316	337	Sand

(Use reverse side if necessary)

9) Casing:
Type: Old New ✓ Steel Plastic ✓ Other

Cemented from 226 ft. to 281 ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4	0	281	40
2	281	317	40

10) SCREEN:
Type SSR

Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2	317	327	.014
2	327	337	.016

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 150 ft. below land surface Date 2/24/74
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., 274 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: gpm with ft. drawdown after hrs.
Bailer test gpm with ft. drawdown after hrs.
Artesian flow gpm
Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No ✓
Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME CARL BUSSELL (Type or Print) Water Well Drillers Registration No. 1581

ADDRESS 9739 North Houston Rosslyn (Street or RFD) Houston (City) Tex (State)

(Signed) Carl Bussell (Water Well Driller) Bussell & Son Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

4820107584

67
65-12-66

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-12-66
Located on map yes
Received: 70

1) OWNER:
Person having well drilled Spring Branch Independent School District 955 Campbell Rd. Houston, Texas
(Name) (Address: Street or RFD) (City) (State)

Landowner Same
(Name) (Address: Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris, 9 miles in W. direction from center of Houston
(N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*
Well is located at SpringhBranch High School on Westview st , 1000' East of Campbell Rd. Well is #3 for school

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well X Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic Industrial Municipal
Irrigation Test Well Other school

5) TYPE OF WELL (Check):
X Rotary Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 in. Depth drilled 468 ft. Depth of completed well 468 ft. Date drilled 14 Aug.70

All measurements made from 3 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	30	clay
30	53	sand
53	183	clay
183	195	fine sand
195	218	clay
218	231	sand
231	265	clay
265	290	sand and gravel
290	316	clay
316	328	sand
328	405	clay sand strks.
405	441	course sand
441	454	clay
454	465	course sand
465	468	clay

(Use reverse side if necessary)

9) Casing:
Type: Old X New X Steel Plastic Other
Cemented from 300 ft. to 406 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
6 galvanized	0	405	19#
4" liner	441	456	
4" lap	406	398	

10) SCREEN:
Type Pipe based stainless steel ribbed
Perforated Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
4"	406	441	18 ga
4"	456	464	18 ga

7) COMPLETION (Check):
Straight wall X Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 179 ft. below land surface Date 16 Aug.70
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 315 ft. below land surface.
Jacuzzi 206M8-T4 set 315' on 3" gal. pipe. Motor is 20 HP Century 460 volt.

11) WELL TESTS:
Was a pump test made? Yes No X If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No X
Did any strata contain undesirable water? Yes No X
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME B.J. Swinehart (Type or Print) Water Well Drillers Registration No. 229

ADDRESS 7524 N. Freeway (Street or RFD) Houston (City) Texas (State)

(Signed) B.J. Swinehart (Water Well Driller) B.J. Swinehart Co., Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

GW

·7mi SINE
1·2mi EIWL

#1

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

497

For TDWR use only
Well No. 65-13-2
Located on map
Received:

1) OWNER ALDINE SCHOOL DISTRICT (Name) Address 14910 ALDINE WESTFIELD (Street or RFD) HO. TEX. (City) (State) 77039 (Zip)

2) LOCATION OF WELL:
County HARRIS, 10 miles in NORTH direction from HOUSTON (N.E., S.W., etc.) (Town)
DREW SCHOOL 2100 W. LITTLE YORK

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ See attached map.

3) TYPE OF WORK (Check):
☑ New Well ☐ Deepening
☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☐ Domestic ☐ Industrial ☑ Public Supply
☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored
☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 11-8-86

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	363
3 1/8	363	522

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Underreamed
☐ Gravel Packed ☑ Other LEAD SEAL
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	42	CLAY
42	55	SAND
55	128	CLAY
128	160	SAND
160	195	CLAY
195	220	SAND
220	240	CLAY
240	282	SAND
282	286	CLAY
286	320	SAND
320	333	CLAY
333	382	SAND
382	390	CLAY
390	400	SAND
400	411	CLAY SAND
411	417	SAND
417	485	CLAY
485	500	SAND
500	502	CLAY
502	522	SAND

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	STEEL	0	363	
2 1/2	N	STEEL	357	504	
2 1/2	N	S. STEEL	504	522	12g

CEMENTING DATA
Cemented from 0 ft. to 363 ft.
Method used PRESSURE
Cemented by AHH WATER WELL (Company or Individual)

9) WATER LEVEL:
Static level 310 ft. below land surface Date 11-8-86
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP:
☐ Turbin ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 355 ft.

12) WELL TESTS:
☐ Type Test: ☑ Pump ☐ Bailer ☐ Jetted ☑ Estimated
Yield: 56 gpm with — ft. drawdown after — hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

RECEIVED
OCT 16 1986
TEXAS WATER COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A.R. HENDON (Type or Print) Water Well Drillers Registration No. 334

ADDRESS 14605 REEVESTON (Street or RFD) HOUSTON (City) TEX (State) 77039 (Zip)

(Signed) A.R. Hendon (Water Well Driller) AHH WATER WELL DRILLING (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TDWR-0392

CWB

HARRIS COUNTY
TEXAS
1973
1970 CENSUS FIGURES
HIGHWAYS REVISED TO JANUARY 1, 1978
KEY TO BASE SHEETS
KEY TO SUPPLEMENTARY SHEETS
HOUSTON
JACINTO CITY
PASADENA
DEER PARK
LA PORTE
BAYTOWN
SHELDON
KENMAR
LEAGUE CITY
FRIENDSWOOD
PEARLAND
BRAZORIA
GALVESTON BAY
LIBERTY COUNTY
CHAMBERS COUNTY
GALVESTON COUNTY

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, TX 78711-3087 *Please use black ink.*

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

(2)

Texas Water Well Drillers Board
P.O. Box 13087
Austin, TX 78711-3087
512-371-6299

1) OWNER Guzzitta Brothers (Name) ADDRESS 1825 W. Little York, Hou. Tx. (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris, 9 miles in NW (NE, SW, etc.) direction from HOUSTON (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ SEE ATTACHED MAP

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☐ Industrial ☐ Monitor ☒ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☐ Driven ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 5/18 19 94 Completed 5/19 19 94

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
7 7/8	Surface	540

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☒ Other 2 String Cemented
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	30	Top Soil
30	75	Clay
75	140	Sand
140	200	Clay
200	240	Sand
240	310	Clay & Rock
310	400	Sand
400	480	Clay
480	540	Sand

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5	N	PVC Casing	0	496	SDR 17
2 1/2	N	PVC Liner	500	490	Sch 40
5	N	PVC Screen	540	500	.012

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from Top to Bottom ft. No. of Sacks Used _____
0 ft. to 496 ft. No. of Sacks Used 30
Method used Halliburton
Cemented by RWW

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☒ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level 295 ft. below land surface Date 5/19/94
Artesian flow _____ gpm. Date _____

12) PACKERS: Type K Depth 490

13) TYPE PUMP: ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 340 ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

RECEIVED SEP 01 1994 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Robinson Water Well Ser., Inc (Type or print) WELL DRILLER'S LICENSE NO. 2212

ADDRESS 11819 Tomball Pky (Street or RFD) Houston, Tx. 77086 (City) (State) (Zip)

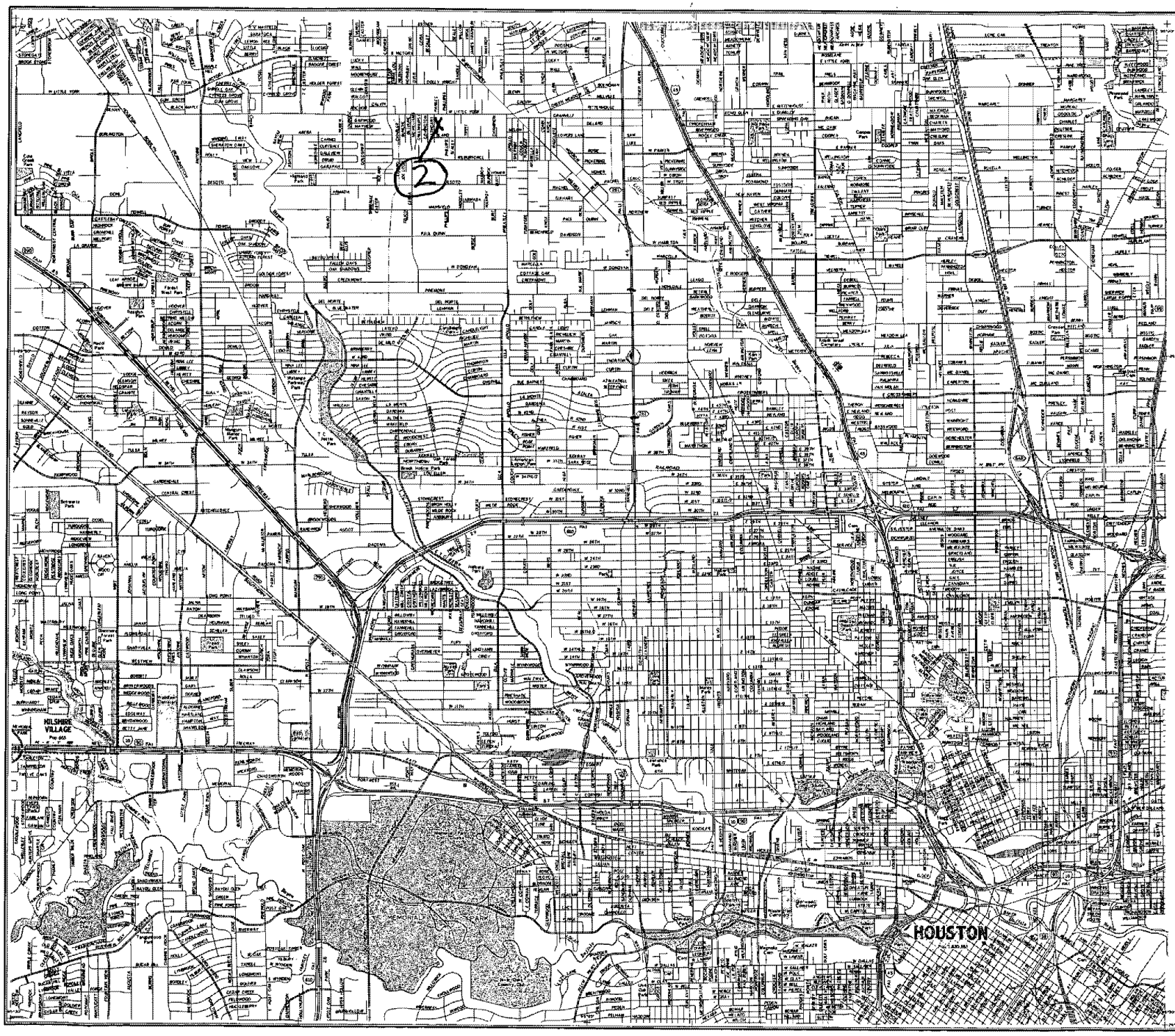
(Signed) Jim Robinson Jr (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

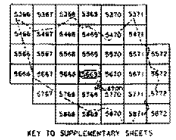
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 2 Located on map 65-13-2

TWC-0199 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY





KEY TO SUPPLEMENTARY SHEETS

NOTICE

This map has been prepared for general use when the State Department of Highways and Public Transportation. Accuracy is derived by the validity or available data as of dates shown.

Copies of this map are available for public use at nominal cost from the State Department of Highways and Public Transportation, P.O. Box 5051, Austin, Texas 78763

SCALE IN MILES

0 ¼ ½ ¾ 1

1987

1990 CENSUS FIGURES

HIGHWAYS REVISED TO SEPTEMBER 1, 1991

SHEET 3665

HARRIS COUNTY TEXAS 102

10/06/2021
04:10:29

Texas Commission on Environmental Quality
DWW Water System Summary Sheet

PWS ID	PWS Name	Central Registry RN
TX1013244	HIGHLAND VILLAGE APARTMENT	RN102701489

Organization/Customer *	Central Registry CN
null	null

*Regulatory mail will be addressed to this organization/person

All Water System Contacts		
Type	**Contact**	**Communication**

Operator Grade	Number

Water Operator Licenses
No Licensing Data for this PWS

Owner Type	Owner Type Options: COUNTY, DISTRICT, FEDERAL GOVERNMENT, INVESTOR OWNED, MUNICIPALITY, NATIVE AMERICAN, PRIVATE, STATE GOVERNMENT, WATER SUPPLY CORPORATION
Investor Owned	

System Type	System Type Options: COMMUNITY, TRANSIENT/NON-COMMUNITY, NON-PUBLIC, NON-TRANSIENT/NON-COMMUNITY
NP - NON-PUBLIC	

Population Type	Population Served	# of Connect	# I/C w/other PWS
Residential	60	20	0

Total Product (MGD)	Average Daily Consump.	Max Daily Demand (MGD)	Total Storage (MG)	Elev. Storage (MG)	Service Pump Cap.	Max.Purchase Cap. (MGD/GPM)	Pressure Tank Cap. (MG)

Activity Status	Inactivation Date
I - INACTIVE	01/31/2003

Last Survey Date	Surveyor	Survey Type	Region	County
No Site Visit Data				

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP001	TRT-TAP / No Source Listed(I)	WELL SITE(I)	TP19638		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	423	HYPOCHLORINATION, PRE

(Active Sources)

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth
G1013244A	1 - 1825 W LITTLE YORK	O	438

Code Explanations
Monitoring Type Codes: (GW) GROUNDWATER , (GUP) GROUNDWATER UNDER THE INFLUENCE - PURCHASED , (SWP) SURFACE WATER - PURCHASED , (GU) GROUNDWATER UNDER THE INFLUENCE OF SURFACE WATER , (N) NO SOURCES , (SW) SURFACE WATER
Activity Status Codes: (A) ACTIVE , (D) DELETED/DISSOLVED , (I) INACTIVE , (P) PROPOSED ,
Operational Status Codes: (E) EMERGENCY , (I) INTERIM/PEAK (O) OTHER , (P) PERMANENT , (S) SEASONAL
Source Types: (G) GROUND WATER , (S) SURFACE WATER , (U) GROUND WATER UNDER THE INFLUENCE

- End of Report -

At the time of your query this data was the most current information available from our database, which is in real time. Every effort was made to retrieve it according to your query. Thank-you for using DWW.

10/06/2021
04:10:36

Texas Commission on Environmental Quality
DWW Water System Summary Sheet

PWS ID	PWS Name	Central Registry RN
TX1010836	ALDINE ISD DREW MIDDLE SCHOOL	

Organization/Customer *	Central Registry CN
null	null

*Regulatory mail will be addressed to this organization/person

All Water System Contacts		
Type	**Contact**	**Communication**

Operator Grade	Number

Water Operator Licenses
No Licensing Data for this PWS

Owner Type	Owner Type Options: COUNTY, DISTRICT, FEDERAL GOVERNMENT, INVESTOR OWNED, MUNICIPALITY, NATIVE AMERICAN, PRIVATE, STATE GOVERNMENT, WATER SUPPLY CORPORATION
District	

System Type	System Type Options: COMMUNITY, TRANSIENT/NON-COMMUNITY, NON-PUBLIC, NON-TRANSIENT/NON-COMMUNITY
NP - NON-PUBLIC	

Population Type	Population Served	# of Connect	# I/C w/other PWS
NonResidential	490	1	0

Total Product (MGD)	Average Daily Consump.	Max Daily Demand (MGD)	Total Storage (MG)	Elev. Storage (MG)	Service Pump Cap.	Max.Purchase Cap. (MGD/GPM)	Pressure Tank Cap. (MG)

Activity Status	Inactivation Date
I - INACTIVE	01/01/2001

Last Survey Date	Surveyor	Survey Type	Region	County
No Site Visit Data				

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP001	TRT-TAP / No Source Listed(I)	CHLORINATOR(I)	TP15950		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	423	HYPOCHLORINATION, PRE

(Active Sources)

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth
G1010836A	1	P	522

Code Explanations
Monitoring Type Codes: (GW) GROUNDWATER , (GUP) GROUNDWATER UNDER THE INFLUENCE - PURCHASED , (SWP) SURFACE WATER - PURCHASED , (GU) GROUNDWATER UNDER THE INFLUENCE OF SURFACE WATER , (N) NO SOURCES , (SW) SURFACE WATER
Activity Status Codes: (A) ACTIVE , (D) DELETED/DISSOLVED , (I) INACTIVE , (P) PROPOSED ,
Operational Status Codes: (E) EMERGENCY , (I) INTERIM/PEAK (O) OTHER , (P) PERMANENT , (S) SEASONAL
Source Types: (G) GROUND WATER , (S) SURFACE WATER , (U) GROUND WATER UNDER THE INFLUENCE

- End of Report -

At the time of your query this data was the most current information available from our database, which is in real time. Every effort was made to retrieve it according to your query. Thank-you for using DWW.

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 418 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 49 00 Longitude - 95 22 00 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Oakwood

Driller - A E Fawcett

Address _____ Tenant/Oper. _____
Date Drilled - / /1938 Depth - 220 ft. Source of Depth - R Altitude - 69 ft. Source of Alt. - M
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) | Setting(feet) From | To

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CHCTL
Well No. - 65 14 418

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 435 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 48 59 Longitude - 95 21 54 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Lindale Park

Driller - McMasters & Pomeroy

Address _____ Tenant/Oper. _____
Date Drilled - 06/17/1940 Depth - 853 ft. Source of Depth - D Altitude - 64 ft. Source of Alt. - M
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) Setting(feet) From To

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 121EVGL
Well No. - 65 14 435

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 428 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 48 59 Longitude - 95 21 54 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Lindale Park

Driller - McMasters & Pomeroy

Address _____ Tenant/Oper. _____
Date Drilled - 02/11/1938 Depth - 856 ft. Source of Depth - D Altitude - 64 ft. Source of Alt. - M
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____
Completion - _____
Casing Material - _____
Screen Material - _____

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		

Aquifer - 121EVGL
Well No. - 65 14 428

71

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-14-7K
Located on map YES
Received: RWB

Four D Construction - Contractor

1) OWNER Lynn DeGeorge (Name) Address 4659 Merwin (Street or RFD) Houston, Tx. (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 10 miles in SW (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ See attached map.

3) TYPE OF WORK (Check): ☐ New Well ☐ Deepening ☒ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 5/8/81

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
	Surface	
6-3/4		377

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☒ Other 2 string cemented
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	40	Clay
40	63	Sand
63	111	Clay
111	206	Sand
206	243	Clay
243	276	Sand
276	320	Clay
320	377	Sand

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4"	N	PVC Casing	0	345	Sch.
2½"	N	Blank Pipe	327	347	40
2½"	N	PVC Slotted Screen	347	377	.012

CEMENTING DATA
Cemented from 345 ft. to 145 ft.
Method used Halliburton
Cemented by Robinson Water Well (Company or Individual)

9) WATER LEVEL:
Static level 200 ft. below land surface Date 5/11/81
Artesian flow _____ gpm. Date _____

10) PACKERS: Type K Depth 327

11) TYPE PUMP: ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., ~~288~~ 315 ft.

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? potable Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

RECEIVED AUG 24 1982 CR/TDWR

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME M. E. Robinson, Jr. (Type or Print) Water Well Drillers Registration No. 1464

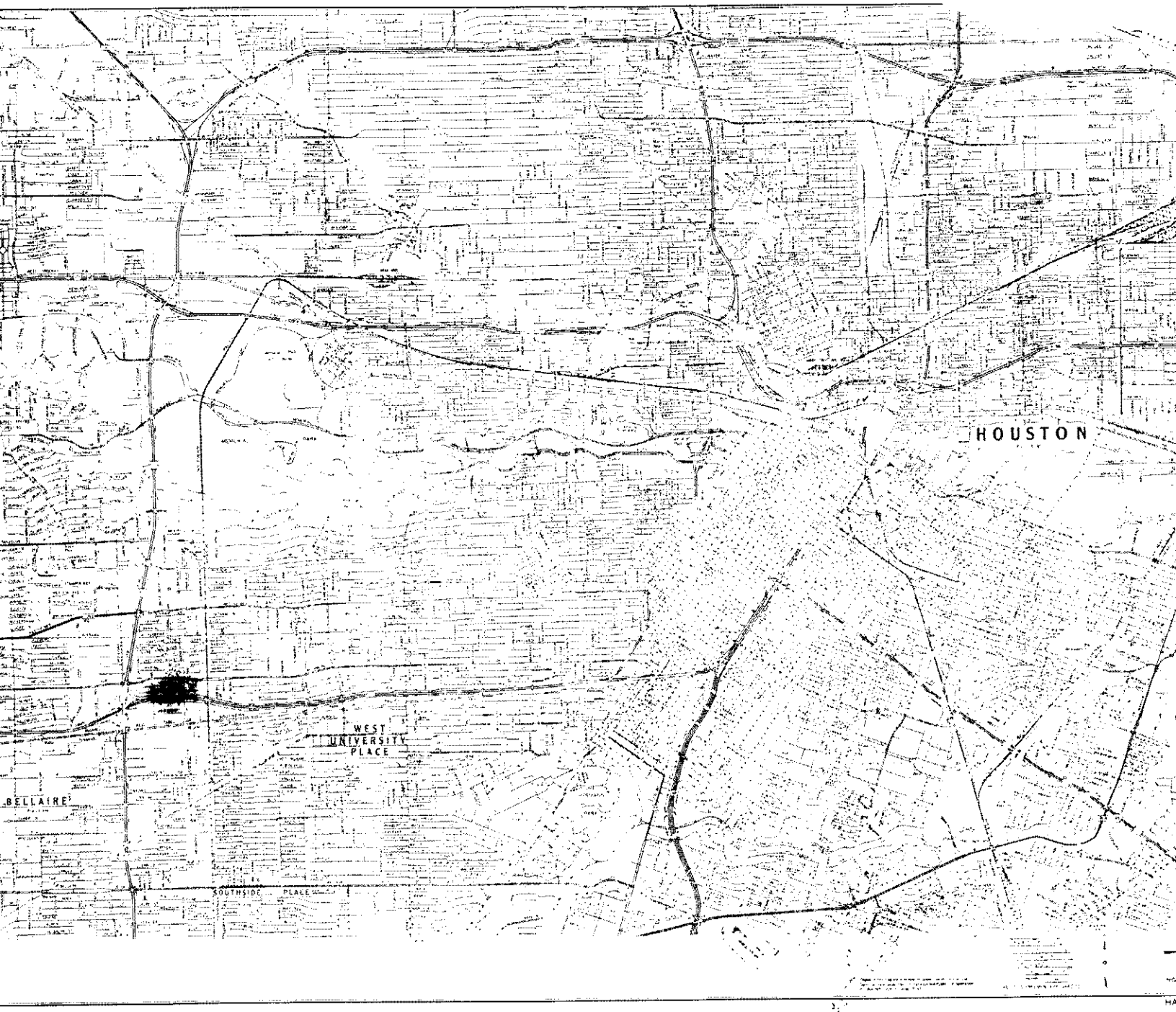
ADDRESS 11607 FM 149 (Street or RFD) Houston, (City) Tx. (State) 77086 (Zip)

(Signed) M. E. Robinson Jr. (Water Well Driller) Robinson Water Well Service, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79) DEPARTMENT OF WATER RESOURCES COPY

4820115770 6


HOUSTON
WEST
UNIVERSITY
PLACE
BELLAIRE
SOUTHSIDE PLACE

65-13-2B GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711	State of Texas WATER WELL REPORT	For TWDB use only Well No. 65-13-2B Located on map No. 5 Received: 6-9-7 Form GW 8 Form GW 9

1) OWNER:
Person having well drilled Tom Narum Construction Co (Name) Address Bx. 55305, Houston, Tex. (Street or RFD) (City) (State)

Landowner Gulf Oil Company (Name) Address Houston, Texas. (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris Labor _____ League _____ Abstract No. _____

NW¼ NE¼ SW¼ SE¼ of Section _____ Block No. _____ Survey _____
(Circle as many as are known)

miles in _____ (N.E., S.W., etc.) direction from _____ (Town).

NORTH

LOCATION OF WELL: Gulf Station, West Montgomery & Little York Rd

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☒ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check): Service Station
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check):
Rotary ☒ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 4" in. Depth drilled 197 ft. Depth of completed well 197 ft. Date drilled 7/17/67

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	From (ft.)	To (ft.)	Description and color of formation material
0	48	Surface Red Clay			
48	89	Sand, Shale Broken			
89	96	Sand			
96	120	Red Clay			
120	140	Sand Broken			
140	175	Tough Clay			
175	197	Sand			
					(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall ☒ Gravel packed ☐ Other ☐
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level 124' ft. below land surface Date 7/17/67
Artesian pressure _____ lbs. per square inch Date _____

9) CASING:
Type: old ☐ New ☒ Steel ☒ Plastic ☐ Other ☐
Cemented from 0 ft. to 186 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	186	

10) SCREEN:
Type LOP Stainless
Perforated ☐ Slotted ☐

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size
2½"	184	194	.014

11) WELL TESTS:
Was a pump test made? ☒ Yes ☐ No If yes by whom? With Air
Yield: _____ gpm with _____ ft. drawdown after _____ hrs
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs
Artesian flow _____ gpm Date _____
Temperature of water _____
Was a chemical analysis made? ☐ Yes ☒ No
Did any strata contain undesirable water? ☐ Yes ☐ No
Type of water? _____ depth of strata _____

12) PUMP DATA:
Manufacturer's Name Reda Mfg. Co
Type Submersible H.P. 1 HP
Designed pumping rate _____ gpm ☐ gph ☐
Type power unit Electric
Depth to bowls, cylinder, jet, etc., 168' ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME R. B. Lowry (Type or Print) Water Well Drillers Registration No. 146

Address 4012 Fulton Street (Street or RFD) Houston (City) Texas (State)

(Signed) R B Lowry (Water Well Driller) LOWRY WATER WELLS (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

GAA

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-214

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION — (C)

MASTER CARD

1:24000

Record by C.W. BONNET W.L. NAFTEL — Source of data DRILLER — Date 11-14-68 — Map HOUSTON HEIGHTS 1955

State TEXAS [48] — County (or town) HARRIS [LJ]

Latitude: 29 51 50 N (deg min sec) — Longitude: 095 25 46 (degrees min sec) — Sequential number: [1]

Lat-long accuracy: [1] — T. ____ S, R ____ W, Sec ____, ____ k, ____ k, ____ k

Local well number: LJ-65-13-214 — Other number: B & M ~~LITTLE YORK #~~

Local use: ____ — Owner or name: ACRE HOMES #1

Owner or name: CITY OF HOUSTON — Address: ~~H.W. HOUSTON WATER SUPPLY CORP.~~ City of Houston

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — [M]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mnd, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — [P]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (Q) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdrawn, (X) Waste, (Z) Destroyed — [W]

DATA AVAILABLE: Well data [ ] — Freq. W/L meas.: 1968- [S] — Field aquifer char. [ ]

Hyd. lab. data: ____ [ ]

Qual. water data; type: ____ [ ]

Freq. sampling: 5-4-68 [A] — Pumpage inventory: yes / no, period: ____ [ ]

Aperture cards: ____ yes [ ]

Log data: D-LOG 0-2250' E-Log T=47 [E D]

WELL-DESCRIPTION CARD

[SAME AS ON MASTER CARD] — Depth well: 1520 ft [1520] — Meas. rept accuracy DRILLER [3]

Depth cased (first perf.): 650 ft [650] — Casing type: S; Diam. 20-14 in [20]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open and, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other ____ [G]

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other ____ [H]

Date Drilled: 3-7-68 [968] — Pump intake setting: ____ ft [ ]

Driller: LAYNE-TEXAS Co. (name) HOUSTON TEXAS (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other [T] — Deep / Shallow [D]

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 500 [-] — Trans. or meter no. ____

Descrip. MP TOP OF PUMP BASE +5.0 ft above/below LSD, Alt. MP ____

Alt. LSD: 90 [90] — Accuracy (source): TOPO 5' [3]

Water Level 1 HR. SL. 287.13 ft above/below MP; Ft above/below LSD [282] — Accuracy: MEAS. [A]

Date meas: 5-4-68 [568] — Yield: 2782 gpm [2782] — Method determined [4]

Drawdown: 77 ft [77] — Accuracy: MEAS. [0] — Pumping period 48 hrs [48]

QUALITY OF WATER DATA: Iron ____ ppm [ ] — Sulfate ____ ppm [ ] — Chloride ____ ppm [ ] — Hard. ____ ppm [ ]

Sp. Conduct ____ K x 10^6 [ ] — Temp. 81 °F [ ] — Date sampled [ ]

Taste, color, etc. ____

PL = 364.2
287.1
77.1

Well No. LJ-65-13-214

Well No. LJ-65-13-214

Latitude-longitude 29 51 50 (d m s) 95 25 46 (d m s)

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1) Physiographic Province: COASTAL PLAIN (19) 03 (20 21) Section: ____

F (22) Drainage basin: ____ 51R (23 25) Subbasin: ____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat ____ (27)

MAJOR AQUIFER: ____ system, ____ series, T (28 29) ____ aquifer, formation, group, E (30 31)

Lithology: ____ (32 33) Origin: ____ (34) Aquifer Thickness: ____ ft

(35 37) Length of well open to: 525 ft (38 40) 525 Depth to top of: ____ ft (41 43)

MINOR AQUIFER: ____ system, ____ series (44 45) ____ aquifer, formation, group (46 47)

Lithology: ____ (48 49) Origin: ____ (50) Aquifer Thickness: ____ ft

(51 53) Length of well open to: ____ ft (54 56) Depth to top of: ____ ft (57 59)

* Intervals Screened: ____

Depth to consolidated rock: ____ ft (60 63) Source of data: ____ (64)

Depth to basement: ____ ft (65 68) Source of data: ____ (69)

Surficial material: ____ (70 71) Infiltration characteristics: ____ (72)

Coefficient Trans: 108,356 gpd/ft (73 75) Coefficient Storage: ____ (76 78)

Coefficient Perm: 199 gpd/ft^2; Spec cap: 40 30 gpm/ft; Number of geologic cards: ____ (79)

driller's info

* 650 - 680'
710 - 755
805 - 830
839 - 986
994 - 1036
1041 - 1080
1090 - 1105
1115 - 1135
1204 - 1240
1279 - 1289
1308 - 1350
1425 - 1499
NIPPLE + BPV.

.045" GA. S.S. W.W. BARLUG.
(U&L made recovery test)

638' - 20" CSG. CEMENTED.
538'-1520 - 14" CSG.

12X10 ORIFICE = 32" = 2782 GPM

Well No. LJ-65-13-214

GPO 857-700

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020963

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 51 50	095 25 46	01

County code 201 County HARRIS

Well # LJ-65-13-214

Project number 7-4648-010.00

Date 2-2-77 Time ____ Temp °C 26.5

Owner City of Houston

Address ACRE HOMES #1

Date drld 3-7-68 WBF code 121 EVGL

Sample interval: (top) 650 (bottom) 1499

Water level ____ Appr Clear Use P.S.

Collector Butler Yield — GPM

Smpld aftr pmpg ____ Depth 1520

Pt of coll Tap on discharge

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule ____

Other ____

Herbicide ____ Insecticide ____

Remarks:

Type 2 (1) Station identification number 29 51 50 095 25 46 01 (2–16)

Y M D (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008	1520	04	
Yield (GPM)	00059			
Sample interval TOP	72015	6500	03	
Sample interval BOTTOM	72016	1499	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2650	02		26.5
pH	00400	8200	01		8.2
Specific conductance	00095	5880	03		588
HCO_3	00440	2560	03		256
CO_3	00445	0000	01		0
Chloride (Cl)	00940	5700	02		57
Sulfate (SO_4)	00945	8800	01		88
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31625				
Streptococci	31673				
BOD	00310				

Austin, Texas

015126

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 51 50	095 25 46	01

County code 201 County Harris

Well # LJ-65-13-214

Project number 5-4648-01000

Date 2-4-75 Time _____ Temp°C 27.0

Owner City of Houston

Address Acre Homes No. 1

Date drld 3-7-68 WBF code 121EVGL

Sample interval: (top) 650 (bottom) 1499

Water level _____ Appr _____ Use P.S.

Collector Vaught Yield _____ GPM

Smpld aftr pmpg on arr. Depth 1520

Pt of coll tap on discharge

Field: Cond _____ pH _____ HCO_3 _____ DO _____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I+SO4

Other _____

Herbicide _____ Insecticide _____

Remarks:

Type 2 (1) Station identification number 29 51 50 095 25 46 01 (2–16)

Y M D 75 02 04 (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk	
Depth	72008	1520	04		
Yield (GPM)	00059				
Sample interval TOP	72015	6500	03		
Sample interval BOTTOM	72016	1499	04		
Water level	72019				
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2700	02		27.0
pH	00400	7500	01		7.5
Specific conductance	00095	5980	03		598
HCO_3	00440	2590	03		259
CO_3	00445	0000	01		0
Chloride (Cl)	00940	5700	02		57
Sulfate (SO_4)	00945	1100	02		11
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Streptococci	31679				
BOD	00310				

Water ... Austin, Texas

Latitude ° ' "	Longitude ° ' "	Seq. No.
295150	095254	01

County code 101 County Harris

Well # LJ-65-13-214

Project number T-4648-01000

Date 9-10-76 Time — Temp°C 27.0

Owner City of Hoverson

Address Acre Homes #1

Date drld — WBF code 121 Evg 1

Sample interval: (top) 650 (bottom) 1499

Water level — Appr Clear Use PS

Collector PETERS Yield — GPM

Smpld aftr pmpg on arrival Depth —

Pt of coll tap on discharge

Field: Cond — pH — HCO_3 — DO —

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

d chem schedule I

Other

Herbicide Insecticide

Remarks:

Type 2 (1) Station identification number 295150095254601 (2–9, 16)

Y M D 760910 (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	6500	03	
mple interval BOTTOM	72016	1499	04	
Water level	72019			

Sampled after pumping	Parameter code	Value	Exp.	Rmk	
	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2700	02		27.0
pH	00400	7800	01		7.8
Specific conductance	00095	5920	03		592
HCO_3	00440	2620	03		262
CO_3	00445	0000	01		0
Chloride (Cl)	00940	5800	02		58
Sulfate (SO_4)	00945	8000	01		8.0
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

FM. O. 28

Flat

AYNE TEXAS COMPAN

HOUSTON -:- DALLAS

WELL LOG

WELL NOT LOCATED - FILES

REPORT NO. 7811 DATE LOG BY db

S. O. 2532-67

PAGE 1 of 2

FILE NO. 3254

DATE 5/9/68

CUSTOMER LOCATION	WELL DATA
FOR Northwest Houston Water Supply Corporation	NAME WELL Same WELL NO. 1
LOCATION WELL Little York	ELEVATION DATUM
Lat. 29°51'50"N, Long. 95°25'46"	RT C 7-7/8"
SURVEY FIELD	TEST HOLE SIZE 9-7/8" & D 2250'
	DATE STARTED DRILLING 2-28-68
	DATE FINISHED DRILLING 3- 7-68
COUNTY Harris STATE Texas	DRILLER Guy Patton RIG NO. 2
	TYPE MUD Gel NO. SACKS 60
OTHER LAND MARKS Near intersection of Little York and West Montgomery Rd.	ELECTRIC LOG Yes TYPE Schlumberger
	SURVEY Eastman TYPE Magnetic multiple shot
	OTHER

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	TYPE	NUMBER
0		Surface			
40	40	Sandy clay & clay			
170	130	Red & white clay			
192	22	Fine sand			
275	83	Blue shale			
290	15	Fine sand			
310	20	Shale			
370	60	Sand			
382	12	Shale			
419	37	Sand			
435	16	Shale			
462	27	Sand			
492	30	Shale			
509	17	Sand			
572	63	Sand & shale streaks			
582	10	Shale			
610	28	Sandy shale			
650	40	Shale			
712	62	Sand & sandy shale			
753	41	Sand			
802	49	Shale & sand streaks			
828	26	Sand			
840	12	Shale			
905	65	Sand & shale streaks			
928	23	Hard sand & sandy shale			
943	15	Sand			
978	35	Sand & shale streaks			
995	17	Shale			
1030	35	Sand			
1042	12	Shale			
1079	37	Sand & shale streaks			
1087	8	Shale			
1101	14	Sand			
1118	17	Shale			
1132	14	Sand			
1140	8	Shale			
1199	59	Sandy shale & shale			
1233	34	Sand			
1305	72	Shale			
1336	31	Hard sand			

65-13-214 GM

Recovery Test of Water Well - LJ-65-13-214

Owner: N W Houston Water Supply Corp.

Well: Little York No. 1

Location: Lat 29°51'50"N, long 95°25'46" near intersection of Little York and West Montgomery

Pumping Began: 2 pm May 2, 1968
Pumping ended: 2 pm May 4, 1968
Average Pumping Rate: 2,782 gallons per minute.
Pumping Level: at 1:45 pm May 4, 1968 after 47 hrs. 45 min. pumping at above rate - 364.2 feet below MP (Measuring Point).
MP: Top of pump base which is 5.0 feet above land surface.

Time since pumping stopped (minutes)	Depth to water (Feet below MP)
3	295.78
5	294.42
7	293.38
10	292.39
15	291.23
20	290.41
25	289.70
30	289.17
35	288.70
40	288.33
45	288.02
50	287.66
55	287.36
60	287.13
70	286.77
80	286.27
90	285.95
100	285.63

65-13-2C

FM O. 28

Flat

AYNE TEXAS COMPAN

HOUSTON -:- DALLAS

WELL LOG

Located - yes

REPORT NO. 7811 DATE 68

S. O. 2532-67 BY dl

PAGE 1 of 2

FILE NO. 3254

DATE 5/9/68

CUSTOMER LOCATION	WELL DATA
FOR Northwest Houston Water Supply Corporation	NAME WELL Same — WELL NO. 1
LOCATION WELL Little York	ELEVATION — DATUM
Lat. 29°51'50"N, Long. 95°25'46"	RT — C 7-7/8"
SURVEY — FIELD	TEST HOLE SIZE 9-7/8" & D 2250'
	DATE STARTED DRILLING 2-28-68
	DATE FINISHED DRILLING 3- 7-68
COUNTY Harris — STATE Texas	DRILLER Guy Patton — RIG NO. 2
	TYPE MUD Gel — NO. SACKS 60
OTHER LAND MARKS Near intersection of Little York and West Montgomery Rd.	ELECTRIC LOG Yes — TYPE Schlumberger
	SURVEY Eastman — TYPE Magnetic multiple shot
	OTHER

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
0		Surface			
40	40	Sandy clay & clay			
170	130	Red & white clay			
192	22	Fine sand			
275	83	Blue shale			
290	15	Fine sand			
310	20	Shale			
370	60	Sand			
382	12	Shale			
419	37	Sand			
435	16	Shale			
462	27	Sand			
492	30	Shale			
509	17	Sand			
572	63	Sand & shale streaks			
582	10	Shale			
610	28	Sandy shale			
650	40	Shale			
712	62	Sand & sandy shale			
753	41	Sand			
802	49	Shale & sand streaks			
828	26	Sand			
840	12	Shale			
905	65	Sand & shale streaks			
928	23	Hard sand & sandy shale			
943	15	Sand			
978	35	Sand & shale streaks			
995	17	Shale			
1030	35	Sand			
1042	12	Shale			
1079	37	Sand & shale streaks			
1087	8	Shale			
1101	14	Sand			
1118	17	Shale			
1132	14	Sand			
1140	8	Shale			
1199	59	Sandy shale & shale			
1233	34	Sand			
1305	72	Shale			
1336	31	Hard sand			

65-13-214 GM

AYNE TEXAS COMPA.
HOUSTON -:- DALLAS

WELL LOG

REPORT NO. 7811
S. O. 2532-67
PAGE 2 of 2
FILE NO. 3254
DATE 5/9/68

CUSTOMER LOCATION

FOR Northwest Houston Water Supply Corp.

LOCATION WELL Little York
Lat. 29° 51'50"N, Long. 95°25'46

SURVEY FIELD

COUNTY Harris STATE Texas

OTHER LAND MARKS Near intersection of Little York & W. Montgomery Rd.

WELL DATA

NAME WELL Same WELL NO. 1
ELEVATION DATUM
RT 9-7/8"& GR
TEST HOLE SIZE 7-7/8" TD 2250'
DATE STARTED DRILLING 2-28-68
DATE FINISHED DRILLING 3- 7-68
DRILLER G. Patton RIG NO. 2
TYPE MUD Gel NO. SACKS 60
ELECTRIC LOG Yes TYPE Schlumberger
SURVEY Eastman TYPE Magnetic
OTHER multiple shot

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	TYPE	NUMBER
1336					
1385	49	Shale			
1422	37	Sand, shale & sand			
1498	76	Sand & hard streaks			
1526	28	Shale			
1538	12	Sand			
1564	26	Sandy shale			
1576	12	Hard sand			
1618	42	Shale			
1657	39	Shale & sandy shale			
1716	59	Shale			
1721	5	Sand			
1762	41	Shale & sand streaks			
1912	150	Shale			
1954	42	Shale & sand streaks			
2010	56	Shale			
2040	30	Shale & sand streaks			
2087	47	Shale & sand breaks			
2125	38	Shale			
2155	30	Fine sand			
2160	5	Sand & shale breaks			
2191	31	Fine sand & shale breaks			
2199	8	Shale			
2222	23	Fine sand & shale breaks			
2225	3	Shale			
2244	19	Fine gray sand			
2250	6	Shale			
Total depth 2250 ft.					

65-13-2C

FORM NO. 1202 - 1M - 8-51 - B&L

THE LAYNE TEXAS COMPANY, LTD.

HOUSTON -:- DALLAS

REPORT NO. 7812
S. O. 2532-67
PAGE 1 OF 2
FILE NO. 3254
DATE 5/9/68

MATERIAL SETTING

CUSTOMER LOCATION	WELL DATA
FOR Northwest Houston Water Supply Corp.	NAME WELL Same WELL NO. 1
LOCATION WELL Little York	ELEVATION DATUM
Lat. 29°51'50" N., Long. 95° 25'46"	TYPE WELL Gravel-wall
SURVEY FIELD	SURFACE CASING CEMENTED 638' NO. SACKS 700+8% Gel
	SIZE HOLE UNDERREAMED 34" DEPTH 638-1520'
COUNTY Harris STATE Texas	GRAVEL TYPE 112,113, 165, 131 NO. CU. YDS. 378
	TYPE SCREEN S.S. W.W. Barlug GAGE .045"
	DRILLER Guy Patton RIG NO. 2
OTHER LAND MARKS Near intersection of Little York & West Montgomery Rd.	OTHER F. R. Wall

DEPTH	LENGTH	SIZE, KIND, WEIGHT MATERIAL	SKETCH
+2'		20" O.D. surface casing 2' above ground	
0		Surface	
538'		Top of 14" O.D. liner 3/8" wall	
638'	640'	20" O.D. surface casing 3/8"wall	
650'	112'	14" O.D. blank liner	
680'	30'	14" O.D. S.S. W.W. Barlug screen .045" ga.	
709.95'	29.95'	14" O.D. blank pipe	
754.48'	44.53'	14"OD SS W.W. Barlug screen, .045" ga.	
805.23'	50.75'	14" O.D. blank pipe	
830.23'	25.00'	14"O.D. S.S. W.W. Barlug screen .045" ga.	
838.63'	8.40'	14" O.D. blank pipe	
986.19'	147.56'	14" O.D. S.S. W.W. Barlug screen .045" ga.	
994.09'	7.90'	14" O.D. blank pipe	
1036.27'	42.18'	14"O.D. S.S. W.W. Barlug screen .045" ga.	
1041.36'	5.09'	14" O.D. blank pipe	
1080.48'	39.12'	14"O.D. S.S. W.W. Barlug screen .045" ga.	
1090.48'	10.00'	14" O.D. blank pipe	
1105.48'	15.00'	14"OD S.S. W.W. barlug screen .045" ga.	
1115.43'	9.95'	14" O.D. blank pipe	
1135.43'	20.00'	14"OD S.S. W.W. Barlug screen .045" ga.	
1204.45'	69.02'	14" O.D. blank pipe	
1239.95'	35.50'	14"O.D. S.S. W.W. Barlug screen .045" ga.	
1279.47'	39.52'	14" O.D. blank pipe	
1289.47'	10.00'	14" OD S.S. W.W. Barlug screen .045" ga.	
1308.11'	18.64'	14" O.D. blank pipe	
1349.94'	41.83'	14"O.D. S.S. W.W. Barlug screen .045" ga.	
1424.52'	74.58'	14" O.D. blank pipe	
1499.02'	74.50'	14"O.D. S.S. W.W. Barlug screen .045" ga.	

65-13-2C

FORM NO. 1202 - 1M - 8-51 - B&L

THE LAYNE TEXAS COMPANY, LTD.

HOUSTON -:- DALLAS

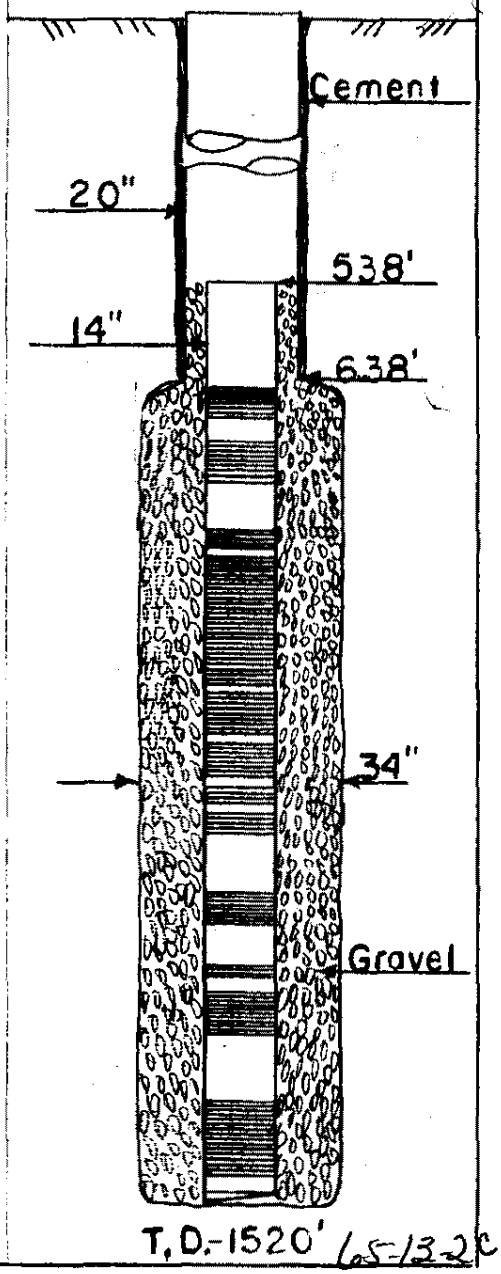
MATERIAL SETTING

REPORT NO. 7812
S. O. 2532-67
PAGE 2 OF 2
FILE NO. 3254
DATE 5/9/68

CUSTOMER LOCATION	WELL DATA
FOR Northwest Houston Water Supply Corp.	NAME WELL Same WELL NO. 1
LOCATION WELL Little York	ELEVATION DATUM
Lat. 29° 51'50"N., Long. 95° 25'46"	TYPE WELL Gravel-wall
SURVEY FIELD	SURFACE CASING CEMENTED 638' NO. SACKS 700+8%Gel
COUNTY Harris STATE Texas	SIZE HOLE UNDERREAMED 34" DEPTH 638-1520'
OTHER LAND MARKS Near intersection of Little York & West Montgomery Rd.	GRAVEL TYPE 112,113, NO. CU. YDS. 378
	TYPE SCREEN S.S.W.W.Barlug GAGE .045"
	DRILLER Guy Patton RIG NO. 2
	OTHER F. R. Wall

DEPTH	LENGTH	SIZE, KIND, WEIGHT MATERIAL
1499.02		
1516.52'	17.50'	14" O.D. blank pipe
1520.00'	3.48'	14" O.D. set nipple, back pressure valve and wood wash plug
Total depth		

SKETCH



65-132C

Report No. 7813
S. O 2532-67
PAGE 2 of 2
FILE NO 3254
DATE 5/9/68

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

WATER WELL TEST

CUSTOMER LOCATION

TEST FOR Northwest Houston Water Supply Corporation
LOCATION OF WELL Little York
SURVEY FIELD
COUNTY Harris STATE Texas
DESCRIPTION OF LAND MARKS Near intersection of Little York & Montgomery Rd.

WELL DATA

NAME WELL Same WELL NO 1
ELEVATION DATUM
WELL SIZE 20" x 14" x34" UR
TOTAL DEPTH 1520' TOP SCREEN 650'
GRAVEL WELL Yes STRAIGHT WELL
TYPE SCREEN SS WW Bar-lug GAGE .045"
TEMPERATURE OF WATER
WATER CONDITION Clear-no sand

WATER MEASURING DEVICE

ORIFICE SIZE 12"x10" LENGTH
OTHER

TEST PUMP DATA

DEPTH SETTING TOP OF BOWL 400'
LENGTH AIR LINE 400' SIZE 1/4"
TYPE BOWL DROHC 17" NO STAGES 4
LENGTH BOWL SUCTION LT

SAND CONTENT OZ PER 100 GAL

ACTIVE STATIC HEAD AFTER PUMP STOPPED

5 MIN	FT	20 MIN	FT.
10 MIN 284	FT	25 MIN	FT
15 MIN	FT	30 MIN	FT

WATER SAMPLE TAKEN NO SAMPLES
BACTERIOLOGICAL SAMPLE TAKEN
DRAWDOWN SPECIFIC CAPACITY

All measurements from ground level

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH PRESS	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
4:00PM	41	354		31	2736		5/3/68	
5:00	42	353		30½	2713			
6:00	42	353		30½	2713			
7:00	42	353		30½	2713			
8:00	42	353		30½	2713			
9:00	42	353		30½	2713			
10:00	42	353		30½	2713			
11:00	41	354		31	2736			
12:00M	41	354		31	2736		5/4/68	
1:00AM	40	355		32	2782			
2:00	40	355		32	2782			
3:00	40	355		32	2782			
4:00	40	355		32	2782			
5:00	41	354		31½	2759			
6:00	41	354		31½	2759			
7:00	41	354		31	2736			
8:00	41	354		31	2736			
9:00	41	354		31	2736			
10:00	40	355		31½	2759			
11:00	40	355		32	2782			
12:00 N	40	355		32	2782			
1:00PM	40	355		32	2782			
2:00	40	355		31½	2759			

OBSERVERS

FOR OWNER

Guy Patton - F. R. Wall
FOR LAYNE TEXAS CO.

FORM NO. 20

65-13-2C

Report No. 7813
S. O. 2532-67
PAGE 1 of 2
FILE NO. 3254
DATE 5/9/68

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

WATER WELL TEST

CUSTOMER LOCATION

ST FOR Northwest Houston Water Supply Corporation
LOCATION OF WELL Little York
Lat. 29° 51'50"N., Long. 95° 25'46"
SURVEY FIELD
COUNTY Harris STATE Texas
DESCRIPTION OF LAND MARKS Near Intersection of Little York & Montgomery Rd.

WELL DATA

NAME WELL Same WELL NO. 1
ELEVATION DATUM
WELL SIZE 20" x 14" x 34" UR
TOTAL DEPTH 1520' TOP SCREEN 650'
GRAVEL WELL Yes STRAIGHT WELL
TYPE SCREEN SS WW Bar lug GAGE .045"
TEMPERATURE OF WATER
WATER CONDITION Clear-no sand

WATER MEASURING DEVICE

ORIFICE SIZE 12"x10" LENGTH
OTHER

TEST PUMP DATA

DEPTH SETTING TOP OF BOWL 400'
LENGTH AIR LINE 400' - SIZE 1/4"
TYPE BOWL DROHC 17" NO. STAGES 4
LENGTH BOWL SUCTION LT.

SAND CONTENT OZ. PER 100 GAL.

ACTIVE STATIC HEAD AFTER PUMP STOPPED

5 MIN	FT	20 MIN.	FT.
10 MIN 284	FT.	25 MIN.	FT.
15 MIN.	FT.	30 MIN.	FT

WATER SAMPLE TAKEN NO. SAMPLES
BACTERIOLOGICAL SAMPLE TAKEN
DRAWDOWN SPECIFIC CAPACITY

All measurements from ground level

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH. PRESS.	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
5/2/68								
2:00PM	47	348		31½	2759			
3:00	45	350		32	2782			
4:00	44	351		32	2782			
5:00	44	351		31½	2759			
6:00	44	351		31½	2759			
7:00	44	351		31	2736			
8:00	44	351		31	2736			
9:00	43	352		31	2736			
10:00	43	352		31	2736			
11:00	43	352		31	2736			
12:00 M	43	352		31	2736		5/3/68	
1:00AM	43	352		31	2736			
2:00	43	352		31	2736			
3:00	43	352		31	2736			
4:00	43	352		31	2736			
5:00	43	352		31	2736			
6:00	43	352		31	2736			
7:00	43	352		30½	2713			
8:00	42	353		31	2736			
9:00	42	353		31	2736			
10:00	40	355		32	2782			
11:00	40	355		32	2782			
12:00 N	42	353		31	2736			
1:00PM	40	355		32½	2805			
2:00	40	355		31½	2759			
3:00	41	354		31½	2759			

OBSERVERS

Guy Patton - F. R. Wall

FOR OWNER FOR LAYNE TEXAS CO.

FORM NO. 25

65-13-2C

MICROBIOLOGY SER[illegible]ABORATORIES

water technologists . . chemists . . microbiologists

13 May 1960

To: Layne Texas Company
Houston, Texas

SO 2532-67

Sample marked: Well No. 1 N.W. Hou. W.S. Corp., West Montgomery and Little York, Harris Cty, Texas. Taken: 5-4-60 after 40 hrs. pumping at 2700 gpm with Turbine Pump. Static Head: 275'. Pumping Level: 364'. Screened: 650-1300'. Guy Patton.

Received: 5-9-60

WATER ANALYSIS

results in parts per million (mg/l) except as noted

Dissolved Residue at 105°C		342	Conductance, micromhos/cm, 25°C		750
Total Dissolved Solids, actual†		483	Color, units		2
Total Dissolved Solids, calc.		480	Turbidity, units		0
Silica	SiO_2	17	As Calcium Carbonate, $CaCO_3$:		
Iron and Aluminum Oxides	R_2O_3	0	Phenolphthalein Alkalinity		0
Calcium	Ca	30	Total Alkalinity		227
Magnesium	Mg	6	Total Hardness		99
Sodium (diff.) Na + K as	Na	98	Free Carbon Dioxide	CO_2	0
Carbonate	CO_3	0	pH . . 8.22		
Bicarbonate	HCO_3	277	HYPOTHETICAL COMBINATIONS		
Sulfate	SO_4	5	Calcium Bicarbonate		122
Chloride	Cl	55	Magnesium Bicarbonate		35
Total Iron	Fe	< 0.05	Sodium Bicarbonate		215
Total Fluoride	F	0.6	Sodium Sulfate		7
Total Nitrate	NO_3	0.7	Sodium Chloride		91
Total Manganese	Mn	< 0.02	Sodium Fluoride		1
			Sodium Nitrate		1
			$SiO_2 + R_2O_3$		17
			Total Dissolved Solids, calc.		480

†Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO_3) ion

9301
lb

Microbiology Service Laboratories

By: Edna Wood

Edna Wood

65-B-2C

R1 7-7271 • P. O. BOX 14171 • 4820 OLD SPANISH TRAIL • HOUSTON, TEXAS 77021

Recovery Test of Water Well - LJ-65-13-214

Owner: N W Houston Water Supply Corp.

Well: Little York No. 1

Location: Lat 29°51'50"N, long 95°25'46" near intersection of Little York and West Montgomery

Pumping Began: 2 pm May 2, 1968
Pumping ended: 2 pm May 4, 1968
Average Pumping Rate: 2,782 gallons per minute.
Pumping Level: at 1:45 pm May 4, 1968 after 47 hrs. 45 min. pumping at above rate - 364.2 feet below MP (Measuring Point).
MP: Top of pump base which is 5.0 feet above land surface.

Time since pumping stopped (minutes)	Depth to water (Feet below MP)
3	295.78
5	294.42
7	293.38
10	292.39
15	291.23
20	290.41
25	289.70
30	289.17
35	288.70
40	288.33
45	288.02
50	287.66
55	287.36
60	287.13
70	286.77
80	286.27
90	285.95
100	285.63

65-13-2C

Water Quality Field Data

SWN: 65-13-214
County: HARRIS
Aquifer(s): 121EVGL

Name: CITY OF HOUSTON
Address: 105 SABINE
HOUSTON 77007
owner's well # ACRES HOMES #1

Sample No. 1210
Date: 6-10-97
By: BIRI

Bottle1	Bottle 2	Bottle 3	Bottle 4	Bottle 5	Bottle 6	Bottle 7	Total SUB-Samples
500 ml Anions	1 liter Cations	250 ml Nitrate	1 liter Radioactivity				
	2 ml HNO (Nitric)	0.5 ml H SO (Sulfuric)	2 ml HNO (Nitric)				All filtered unless otherwise stipulated

Water Level POA LSD Remark
Temperature (00010) 26.6 c
Specific Conductance (00094) ~~319~~ umhos/cm
pH (00400) 7.60
Eh (00090) -57.3 mv.
Phenol ALK (82244) 0 mg/l
Total ALK (39086) 183 mg/l
Carbonate (00452) 0 meq/l 0 mg/l
Bicarbonate (00453) 3.66 meq/l 223 mg/l
Total Cations(+) ~~0~~
Total Anions (-)
Total Hardness (00900) 110
Dissolved Solids 285

Time In 1355
Time out 1420 Sample time 1410
Weather DRY well use PUBLIC
Outside Temp 85°
Sampling point @ WELLHEAD

Starting pH 7.60
9.15 ml. of 0.02N to
50 ml. of Sample
Ending pH 4.48

Time:	1400	1404	1407			
pH:	7.63	7.60	7.60			
Temp:	26.5	26.6	26.6			
Eh:			-57.3			
Cond.	~~315~~	~~319~~	~~319~~			

ml.	pH	ml.	pH	ml.	pH
0	7.60	9.15	4.48		
1.00	7.15				
2.00	6.91				
3.00	6.68				
4.00	6.49				
5.00	6.32				
6.00	6.13				
7.00	5.91				
8.00	5.63				
9.00	4.76				

TURBINE

other notes: [redacted]°51'52"
[redacted]°51'51"

FINAL ANALYSIS REPORT

LAB ID: 9705040 SAMPLE DESCRIPTION: Groundwater
FACILITY: TWDB SAMPLE DATE: 06/10/97
ACCT NO: SAMPLE TIME: 1410
TX WATER DEV. BOARD

DATE RECEIVED: 06/13/97
REPORT DATE: 08/19/97

LOCATION ID: 65-13-214

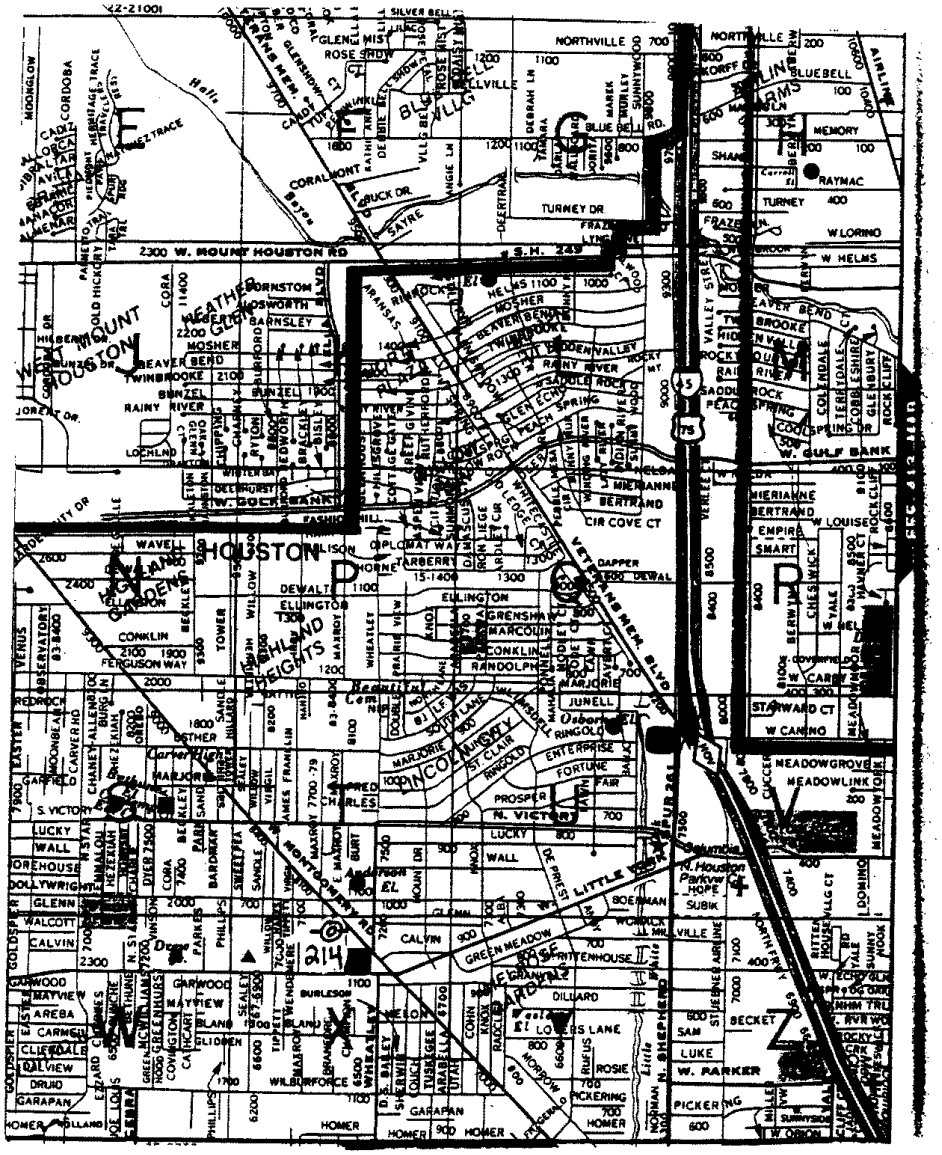
PARAMETER	RESULTS	UNITS	STORET #	PQL in WATER	DATE ANALYZED
Alkalinity, Phenol.	<1	mg/L	00415	1	06/16/97
Alkalinity, Total	170	mg/L	00410	1	06/16/97
Bromide	0.30	mg/L	71870	0.05	06/17/97
Chloride	49.5	mg/L	00941	0.1	06/17/97
Fluoride	0.24	mg/L	00950	0.02	06/17/97
Iodide, Laboratory	<0.15	mg/L	71965	0.05	07/10/97
Nit.,Nitrate/Nitrite	<0.040	mg/L	00630	0.020	06/27/97
Nitrogen, Kjeldahl	<0.200	mg/L	00623	0.010	06/23/97
Nitrogen, ammonia	0.260	mg/L	00608	0.010	06/19/97
Silica	21.10	mg/L	00955	0.01	06/24/97
Sulfate	8.72	mg/L	00946	0.10	06/17/97
Aluminum, Dis. ICPMS	<1.5	ug/L	01106	1.0	07/16/97
Antimony, Dis. ICPMS	<1.0	ug/L	01095	1.0	07/16/97
Arsenic, Diss. ICPMS	<1.5	ug/L	01000	1.0	07/16/97
Barium, Diss. ICPMS	313.0	ug/L	01005	1.0	07/16/97
Beryllium, Dis ICPMS	<1.0	ug/L	01010	1.0	07/16/97
Boron, Diss. ICPMS	61.7	ug/L	01020	1.0	07/16/97
Calcium, Dissolved	32.90	mg/L	00915	0.50	06/18/97
Cobalt, Diss. ICPMS	<1.0	ug/L	01035	1.0	07/16/97
Copper, Diss. ICPMS	<1.0	ug/L	01040	1.0	07/16/97
Iron-AA, Dissolved	441.00	ug/L	01046	15.00	06/24/97
Lead, Diss. ICPMS	<1.0	ug/L	01049	1.0	07/16/97
Lithium, Diss. ICPMS	17.1	ug/L	01130	1.0	07/16/97
Magnesium, Dissolved	6.57	mg/L	00925	0.05	06/18/97
Manganese, Dis ICPMS	4.8	ug/L	01056	1.0	07/16/97
Molybdenum Dis ICPMS	<1.0	ug/L	01060	1.0	07/16/97
Nickel, Diss. ICPMS	<1.0	ug/L	01065	1.0	07/16/97
Potassium, Dissolved	1.53	mg/L	00935	1.00	06/18/97
Selenium, Dis. ICPMS	<6.0	ug/L	01145	4.0	07/16/97

FINAL ANALYSIS REPORT

LAB ID: 9705040 SAMPLE DESCRIPTION: Groundwater
FACILITY: TWDB SAMPLE DATE: 06/10/97
ACCT NO: SAMPLE TIME: 1410
TX WATER DEV. BOARD
DATE RECEIVED: 06/13/97
REPORT DATE: 08/19/97
LOCATION ID: 65-13-214

PARAMETER	RESULTS	UNITS	STORET #	PQL in WATER	DATE ANALYZED
Sodium, Dissolved	58.00	mg/L	00930	0.10	06/18/97
Strontium, Dis ICPMS	576.0	ug/L	01080	1.0	07/16/97
Thallium, Diss ICPMS	<1.0	ug/L	01057	1.0	07/16/97
Vanadium, Diss ICPMS	<1.0	ug/L	01085	1.0	07/16/97
Zinc, Diss. ICPMS	<1.0	ug/L	01090	1.0	07/16/97

COMMENTS: Silica, NH3, TKN, NO3/NO2 subcontracted.


HOUSTON
HOUSTON
LINCOLN
214
W. MOUNT HOUSTON RD
S.H. 249
NORTHVILLE
TURNEY DR
W. HELMS
W. GULF BANK
W. LOUISE
W. CARRY
W. CANINO
MEADOWGROVE
MEADOWLINK
N. VICTORY
S. VICTORY
LITTLE
LOWERS LANE
W. PARKER
N. Houston Parkway
HOPE
SUBIK
BECKET
PICKERING
HOMER
GARAPAN
DILLARD
CALVIN
WALL
LUCKY
GLENN
WALCOTT
GREEN MEADOW
SPRITTENHOUSE
ENTERPRISE
FORTUNE
PROSPER
JUNELL
MARJORIE
ELLINGTON
DEWALT
CONKLIN
FERGUSON WAY
WAVE
DIPLOMAT WAY
DAPPER
CIR COVE CT
BERTRAND
MIERIANNE
EMPIRA
SMART
STARWARD CT
MEMORY
RAYMAC
BLUEBELL
NORTHVILLE
W LORINO
W HELMS
BEAVER BEND
MOSHER
TWINBROOKE
BUNZEL
RAINY RIVER
LOCHLND
W. GULF BANK
W. DOCK BANK
FASHION HILL
ELLISON
DEWALT
ELLINGTON
GRENSHAW
MARCOLIN
CONKLIN
RANDOLPH
MARJORIE
JUNELL
RINGOLD
ENTERPRISE
FORTUNE
PROSPER
N. VICTORY
LUCKY
WALL
GLENN
WALCOTT
CALVIN
GREEN MEADOW
SPRITTENHOUSE
DILLARD
LOWERS LANE
BECKET
PICKERING
HOMER
GARAPAN
WILBURFORCE
BURLESON
MAYVIEW
GARWOOD
CORA
BEKLEY
PARKER
PHILLIPS
SEALEY
SANDLE
BURT
MAXRY
WHEATLEY
WEBSTER
ROSIE
RUFUS
MORROW
CONN
MOUN DR
KNOX
DE FREST
BOEHMAN
SUBIK
LUKE
SAM
SURRYSIDE
W ORION
MEADOWTOWN
LOOMING
BITTER HOUSE
SUNNY NOOK
ROCK CLIFF
COLENDALE
CORBLESHIRE
GLENBURY
INTERBIDALE
VALLEY STREET
VERNELLE
VETERANS MEM. BLVD
MONTGOMERY RD
GLENSHOW
CORALMONT
SAYRE
DEERTRAIL
DEBRAH LN
TAMARA
MARCH
SUNNYWOOD
BLUE BELL RD.
MOONGLOW
CORDOBA
MALLORCA
CADIZ
OLD HICKORY
PARKWAY
HERITAGE TRACE
PIEDMONT
HEATHER GLEN
CORA
BARNSLEY
WORSWORTH
DORNSTOM
HIBERNIA
JORETT DR
LOCHLND
WAVE
DIPLOMAT WAY
DAPPER
CIR COVE CT
BERTRAND
MIERIANNE
EMPIRA
SMART
STARWARD CT
MEMORY
RAYMAC
BLUEBELL
NORTHVILLE
W LORINO
W HELMS
BEAVER BEND
MOSHER
TWINBROOKE
BUNZEL
RAINY RIVER
LOCHLND
W. GULF BANK
W. DOCK BANK
FASHION HILL
ELLISON
DEWALT
ELLINGTON
GRENSHAW
MARCOLIN
CONKLIN
RANDOLPH
MARJORIE
JUNELL
RINGOLD
ENTERPRISE
FORTUNE
PROSPER
N. VICTORY
LUCKY
WALL
GLENN
WALCOTT
CALVIN
GREEN MEADOW
SPRITTENHOUSE
DILLARD
LOWERS LANE
BECKET
PICKERING
HOMER
GARAPAN
WILBURFORCE
BURLESON
MAYVIEW
GARWOOD
CORA
BEKLEY
PARKER
PHILLIPS
SEALEY
SANDLE
BURT
MAXRY
WHEATLEY
WEBSTER
ROSIE
RUFUS
MORROW
CONN
MOUN DR
KNOX
DE FREST
BOEHMAN
SUBIK
LUKE
SAM
SURRYSIDE
W ORION
MEADOWTOWN
LOOMING
BITTER HOUSE
SUNNY NOOK
ROCK CLIFF
COLENDALE
CORBLESHIRE
GLENBURY
INTERBIDALE
VALLEY STREET
VERNELLE
VETERANS MEM. BLVD
MONTGOMERY RD
GLENSHOW
CORALMONT
SAYRE
DEERTRAIL
DEBRAH LN
TAMARA
MARCH
SUNNYWOOD
BLUE BELL RD.
MOONGLOW
CORDOBA
MALLORCA
CADIZ
OLD HICKORY
PARKWAY
HERITAGE TRACE
PIEDMONT
HEATHER GLEN
CORA
BARNSLEY
WORSWORTH
DORNSTOM
HIBERNIA
JORETT DR
LOCHLND

65-13-214

TWDB Water Quality Field Data Sheet

New Well: yes / no
State Well Number: 65-13-214
County: HARRIS
County Code: 201
Aquifer Code: 121EVGL
Aquifer Id: 15

Send Results To: Owner / Lessee
Owner's Name: CITY OF HOUSTON
Lessee's Name:
Attention:
Mailing Address: 7917 W. MONTGOMERY
Well Number: ACRES HOMES #1

Type of Sample: LCRA / HACH
Sample Number: 967
Date: 3-22-01
Sampler(s): BIRI

CIRCLE BOTTLES TAKEN:

1 (on ice)	2	3 (on ice)	4 (on ice)	5
500ml (filtered)	500ml (filtered)	250ml (filtered)	40 ml (not filtered)	~~1 gallon (filtered)~~
Anions / Total Alkalinity	Cations	Nitrate/Nitrite	Atrazine	~~Radioactivity~~
no preservative	1ml Nitric (HNO3)	0.5 ml Sulfuric (H2SO4)	no preservative	~~10 ml Nitric (HNO3)~~

Add enough of the proper acid to each bottle that is preserved to drop the pH to 2.

Daily Meter Calibration:

pH	7	7.0
	4 or 10	3.98
Conductivity	500	501
	1000	1000
	2000	
	5000	

Time In: 0815
Time Out:

W. L. depth from LSD (ft.): UTM
W.L. remark:

Pumping Since: 0820
Sampling Point: FAW

Well Use: PUBLIC
Lift: T
Power: E

Latitude: 29 51 52
Longitude: 95 25 50
Elevation: 86

Sample Time: 0845
Filter pressure: hand pump / line

Field Alkalinity Titration:
Start pH 4.50 End pH
50 ml. Sample Size
8.70 ml. Acid added for Total
ml. Acid added for Phenol
Items below calculated from ml. acid added data:
Field Total Alkalinity: 174 mg/L
Field Phenol Alkalinity: mg/L

Notes:

Water Quality Stabilization Parameters Table

				Final Readings:
Time:	0825	0840	0845	
pH:	7.22	7.33	7.33	
Temperature (Celsius):	250	25.2	25.2	
Conductivity (uS/cm):	510	512	513	
Conductivity Temperature (Celsius):	250	25.1	25.1	

Items Below Calculated Later From Results:
Total Hardness: 153
Calculated TDS (mg/L): 295
Balanced: B

Data Entered By Sampler Into Database: yes / no

LCRA Environmental Laboratory Services

Date: *17-Apr-01*

CLIENT: Texas Water Development Board
Client Sample ID: 65-13-214
Lab Order: 0103185 **COC ID:** 15686
Project: TWDB 00-01
Collection Date: 03/22/2001 8:45:00 AM
Lab ID: 0103185-11
Matrix: GROUNDWATER

Analyses	Storet	Result	PQL	Qual	Units	DF	QC Batch	Date Analyzed
ICP METALS, DISSOLVED			**E200.7**					Analyst: **SW**
Calcium	00915	46.6	0.204		mg/L	1.02	R8089	03/30/2001
Magnesium	00925	9.01	0.204		mg/L	1.02	R8089	03/30/2001
Potassium	00935	2.13	0.204		mg/L	1.02	R8089	03/30/2001
Sodium	00930	44.6	0.714		mg/L	1.02	R8089	03/30/2001
ICP METALS, DISSOLVED			**E200.7**					Analyst: **SW**
Boron	01020	51.1	51.0		µg/L	1.02	R8087	03/30/2001
Iron	01046	ND	51.0		µg/L	1.02	R8087	03/30/2001
Strontium	01080	584	20.4		µg/L	1.02	R8087	03/30/2001
ICPMS METALS, DISSOLVED			**E200.8**					Analyst: **PJM**
Aluminum	01106	ND	4.00		µg/L	1	R8132	04/03/2001
Antimony	01095	ND	1.00		µg/L	1	R8132	04/03/2001
Arsenic	01000	2.53	2.00		µg/L	1	R8132	04/03/2001
Barium	01005	214	1.00		µg/L	1	R8132	04/03/2001
Beryllium	01010	ND	1.00		µg/L	1	R8213	04/11/2001
Cadmium	01025	ND	1.00		µg/L	1	R8132	04/03/2001
Chromium	01030	1.24	1.00		µg/L	1	R8132	04/03/2001
Cobalt	01035	ND	1.00		µg/L	1	R8132	04/03/2001
Copper	01040	ND	2.00		µg/L	1	R8213	04/11/2001
Lead	01049	ND	1.00		µg/L	1	R8213	04/11/2001
Lithium	01130	15.5	2.00		µg/L	1	R8213	04/11/2001
Manganese	01056	1.82	1.00		µg/L	1	R8132	04/03/2001
Molybdenum	01060	1.15	1.00		µg/L	1	R8132	04/03/2001
Nickel	01065	ND	1.00		µg/L	1	R8132	04/03/2001
Selenium	01145	4.36	4.00		µg/L	1	R8132	04/03/2001
Thallium	01057	ND	1.00		µg/L	1	R8132	04/03/2001
Vanadium	01085	5.62	1.00		µg/L	1	R8132	04/03/2001
Zinc	01090	4.29	4.00		µg/L	1	R8213	04/11/2001
DISSOLVED ANIONS BY ION CHROMATOGRAPH E300								Analyst: **AMJ**
Bromide Dissolved	71870	0.141	0.0200		mg/L	1	R8235B	04/11/2001
Chloride Dissolved	00941	51.7	1.00		mg/L	1	R8235B	04/11/2001
Fluoride Dissolved	00950	0.184	0.0100		mg/L	1	R8235B	04/11/2001
Sulfate Dissolved	00946	10.7	1.00		mg/L	1	R8235B	04/11/2001
ALKALINITY			**M2320 B**					Analyst: **WR**

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

LCRA Environmental Laboratory Services

Date: *17-Apr-01*

CLIENT: Texas Water Development Board
Client Sample ID: 65-13-214
Lab Order: 0103185 **COC ID:** 15686
Project: TWDB 00-01
Collection Date: 03/22/2001 8:45:00 AM
Lab ID: 0103185-11
Matrix: GROUNDWATER

Analyses	Storet	Result	PQL	Qual	Units	DF	QC Batch	Date Analyzed
Alkalinity, Phenolphthalein	00415	ND	0		mg/L CaCO3	1	R8104	04/02/2001
Alkalinity, Total (As CaCO3)	00410	175	2.00		mg/L CaCO3	1	R8104	04/02/2001
CATION/ANION BALANCE			**CALCULATION**					Analyst: **AMJ**
Cation/Anion Balance	00000	Balanced	0		Date	1	R8289	04/16/2001
NITRATE AND NITRITE			**E353.2**					Analyst: **CL**
Nitrogen, Nitrate & Nitrite	00631	0.0217	0.0200		mg/L	1	R8029F	03/27/2001
SILICA			**E370.1**					Analyst: **CL**
Silica, Dissolved (as SiO2)	00955	25.2	0.500		mg/L	1	R8059G	03/29/2001

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

TWDB Water Quality Field Data Sheet

Newly Inventoried Well: NO

SWN: 65-13-214
County: HARRIS
County Code: 201
Aquifer Code: 121EVGL
Aquifer Id: 15

Name: City of Houston
Address: 105 Sabine St.
Houston Tx. 77007
Phone Number: (713) 222-3514
Attention: Terri Turner
Well Name or #: Acres Home #1

Sample ID Number: 1007
Date: 7/26/05
Sampler(s): D. Wuerch

CIRCLE EACH SAMPLE FRACTION COLLECTED:									
1	2	3	4	5	6	7	8	9	10
500ml (filtered)	500ml filtered	250ml filtered	40 mL unfiltered	1 L unfiltered	1 L unfiltered	125 ml unfiltered	1 L unfiltered		
Anions/Total Alk.	**Cations**	**Nutrients**	**Atrazine**	**Alpha & Beta**	**Tritium**	**Uranium**	**C14**		
Ice	Nitric (HNO3)	Ice + H2SO4	Ice & in dark	Nitric (HNO3)	No Preservative	Nitric (HNO3)	NaOH (*)		

All acidified samples pH <2.0. (*) If natural pH<7, then add NaOH until pH is >7. If natural pH is ≥7, no NaOH required.

Calibration Verification Readings

pH	7 =	7.04
	4 or 10 =	10.06
SLP = 95.0	7.38 =	
Conductivity	500 =	490
	1000 =	979
	2000 =	1940
	5000 =	4920

Time In: 8:00
Time Out: 8:50

Water Level: —
W.L. remark: 41
M.P. =

Pumping time: POA
Sampling Point: FAW

Well Use: P
Lift: T
Power: E

FIELD G.P.S. readings
Latitude: 29°51'52"
Longitude: 95°25'50."

Casing Type:
Casing Size: "

Sample Time: 8:32
Filter pressure: hand pump / line / spring

Field Alkalinity Titration:

7.68	Start pH	4.50	End pH
50.0	**mL Sample Size**		
—	mL Acid added for Phenol (> 8.3)		
8.4	mL Acid added for Total (to pH 4.5)		

Items below calculated from: mL acid added x 20 = Alkalinity

Phenol Alkalinity (82244): — mg/L
Total Alkalinity (39086): 168 mg/L

Items Below Calculated Later From Results:
Dissolved Solids (mg/L): 292
Hardness (as CaCO3): 156
Balanced: B

Water Quality Stabilization Parameters Table (At least 3 readings @ 5 min. intervals)

Time	8:10	8:15	8:20						
pH	7.20	7.26	7.26						
Celsius Temp.	25.0	25.0	25.0						
Conductivity	508	509	508						

Notes:

Data Entered By Sampler Into Database: yes / no

LCRA Environmental Laboratory Services

Date: *23-Aug-05*

CLIENT: Texas Water Development Board **Client Sample ID:** 65-13-214
Lab Order: 0507675 **File No:** 39709
Project: TWDB FY05 **Collection Date:** 7/26/2005 8:32:00 AM
Lab ID: 0507675-003 **Matrix:** GROUNDWATER

Analyses	Storet	Result	Qual	PQL	Units	DF	Batch ID	Date Analyzed
ICP METALS DISSOLVED			**E200.7**					Analyst: **TH**
Calcium		47.2		0.204	mg/L	1	35270	8/2/2005 10:47:50 PM
Magnesium		9.05		0.204	mg/L	1	35270	8/2/2005 10:47:50 PM
Potassium		2.28		0.204	mg/L	1	35270	8/2/2005 10:47:50 PM
Sodium		45.2		0.714	mg/L	1	35270	8/2/2005 10:47:50 PM
ICP METALS DISSOLVED			**E200.7**					Analyst: **TH**
Boron		108		51	µg/L	1	35271	8/2/2005 10:47:50 PM
Iron		ND		51	µg/L	1	35271	8/2/2005 10:47:50 PM
Strontium		637		20	µg/L	1	35271	8/2/2005 10:47:50 PM
ICPMS DISSOLVED METALS			**E200.8**					Analyst: **SW**
Aluminum		ND		4.08	µg/L	1	35447	8/8/2005
Antimony		ND		1.02	µg/L	1	35447	8/8/2005
Arsenic		2.74		2.04	µg/L	1	35447	8/8/2005
Barium		216		1.02	µg/L	1	35447	8/8/2005
Beryllium		ND		1.02	µg/L	1	35447	8/8/2005
Cadmium		ND		1.02	µg/L	1	35447	8/8/2005
Chromium		ND		1.02	µg/L	1	35447	8/8/2005
Cobalt		ND		1.02	µg/L	1	35447	8/8/2005
Copper		ND		1.02	µg/L	1	35447	8/8/2005
Lead		ND		1.02	µg/L	1	35447	8/8/2005
Lithium		19.1		2.04	µg/L	1	35447	8/8/2005
Manganese		2.18		1.02	µg/L	1	35447	8/8/2005
Molybdenum		1.43		1.02	µg/L	1	35447	8/8/2005
Selenium		4.24		4.08	µg/L	1	35447	8/8/2005
Thallium		ND		1.02	µg/L	1	35447	8/8/2005
Vanadium		5.24		1.02	µg/L	1	35447	8/8/2005
Zinc		ND		4.08	µg/L	1	35447	8/8/2005
CATION/ANION BALANCES			**CALCULATION**					Analyst: **AMJ**
Cation/Anion Balance		Balanced		0	Date	1	35655	8/17/2005
ANIONS BY ION CHROMATOGRAPHY, DISSOLVE			**E300**					Analyst: **WR**
Bromide Dissolved		0.17		0.02	mg/L	1	35474	8/9/2005 7:10:00 PM
Chloride Dissolved		51.0		1.00	mg/L	1	35474	8/9/2005 7:10:00 PM
Fluoride Dissolved		0.22		0.01	mg/L	1	35474	8/9/2005 7:10:00 PM
Sulfate Dissolved		10.5		1.00	mg/L	1	35474	8/9/2005 7:10:00 PM
ALKALINITY			**M2320 B**					Analyst: **WR**
Alkalinity, Phenolphthalein		ND		0	mg/L CaCO3	1	35387	8/4/2005
Alkalinity, Total (As CaCO3)		168		2	mg/L CaCO3	1	35387	8/4/2005
NITRATE AND NITRITE			**E353.2**					Analyst: **LL**

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

LCRA Environmental Laboratory Services

Date: *23-Aug-05*

CLIENT: Texas Water Development Board
Client Sample ID: 65-13-214
Lab Order: 0507675 **File No:** 39709
Project: TWDB FY05
Collection Date: 7/26/2005 8:32:00 AM
Lab ID: 0507675-003
Matrix: GROUNDWATER

Analyses	Storet	Result	Qual	PQL	Units	DF	Batch ID	Date Analyzed
NITRATE AND NITRITE				**E353.2**				Analyst: **LL**
Nitrogen, Nitrate & Nitrite		0.0833		0.0200	mg/L	1	35622	8/16/2005
SILICA				**E370.1**				Analyst: **LL**
Silica, Dissolved (as SiO2)		24.9		0.50	mg/L	1	35227	8/1/2005

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

WQ FY09

TWDB Water Quality Field Data Sheet

Newly Inventoried Well: N

SWN: 65-13-214
County: Harris
County Code: 201
Aquifer Code: 121 EVGL
Aquifer Id: 15

Name: City of Houston
Address: 105 Sabine St
Houston 77009
Attention: Terri Turner
Well Name or #: Acres Home #1

ID Number: 392
Date: 8/26/09
Sampler(s): Neffendorf

1	2	3	4	5	6	7	8	9	10	11
40 ml unfiltered	250 ml filtered	250 ml filtered	250 ml filtered	1L filtered	2L filtered					
Atrazine	Cation	Anions/T. Alk	Nitrate	UNAT Gross Alpha	Radium (226/228)					
ICE	HNO3 by lab	ICE	ICE + H2SO4	HNO3 by lab	HNO3 by lab					

All acidified samples pH <2.0. (*) If natural pH<7, then add NaOH until pH is >7. If natural pH is ≥7, no NaOH required.

Calibration Verification Readings

pH	7 =	7.01
	4 or 10 =	10.02
SLP = 96.2		
Conductivity	500 =	510
	1000 =	1000
	2000 =	1945
	5000 =	4710

Time In: 0800
Time Out: 0840

Water Level:
W.L. remark:
M.P. =

Pumping time: POA
Sampling Point: FAW

Well Use: P
Lift: T
Power: E

FIELD G.P.S. readings

Latitude: 29° 51' 52. "
Longitude: 95° 25' 50. "

Casing Type:
Casing Size: "

Sample Time: 0820

Filter pressure: hand pump / line / spring

Field Alk. Titration (0.0200 N) H2SO4

7.04 Start pH 4.50 End pH
50 mL Sample Size
mL Acid Phenol (> 8.3)
8.4 mL Acid Total (to pH 4.5)
mL acid added x 20 = Alkalinity

Phenol Alkalinity (82244): mg/L
Total Alkalinity (39086): 168 mg/L
Photometer DO (00300): 3.4 mg/L

Data entered by sampler into GWDB: yes / no
Balanced:

Water Quality Stabilization Parameters Table (At least 3 readings @ 5 min. intervals)

Time	0805	0810	0815	0820					
pH	6.81	6.94	6.98	6.97					
Celsius Temp.	25.1	25.2	25.2	25.2					
Conductivity	493	491	490	491					

Notes:

LCRA Environmental Laboratory Services

Date: *02-Nov-09*

CLIENT:	Texas Water Development Board	**Client Sample ID:**	65-13-214
Lab Order:	0908982	**Collection Date:**	8/26/2009 8:20:00 AM
Project:	TWDB FY2009	**Matrix:**	GROUNDWATER
Lab ID:	0908982-006	**Tag No:**	392

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS, DISSOLVED		**E200.7**				Analyst: **MV**
Calcium	46.4	0.20		mg/L	1	9/14/2009 1:13:41 PM
Magnesium	9.05	0.20		mg/L	1	9/14/2009 1:13:41 PM
Potassium	2.24	0.20		mg/L	1	9/14/2009 1:13:41 PM
Sodium	46.6	0.51		mg/L	1	9/14/2009 1:13:41 PM
ICP METALS, DISSOLVED		**E200.7**				Analyst: **MV**
Boron	54	51		µg/L	1	9/14/2009 1:13:41 PM
Iron	< 51	51		µg/L	1	9/14/2009 1:13:41 PM
Strontium	632	20		µg/L	1	9/14/2009 1:13:41 PM
ICPMS METALS, DISSOLVED		**E200.8**				Analyst: **SW**
Aluminum	< 4.08	4.08		µg/L	1	9/10/2009 6:08:42 PM
Antimony	< 1.02	1.02		µg/L	1	9/10/2009 6:08:42 PM
Arsenic	2.84	2.04		µg/L	1	9/10/2009 6:08:42 PM
Barium	233	1.02		µg/L	1	9/10/2009 6:08:42 PM
Beryllium	< 1.02	1.02		µg/L	1	9/10/2009 6:08:42 PM
Cadmium	< 1.02	1.02		µg/L	1	9/10/2009 6:08:42 PM
Chromium	3.20	1.02		µg/L	1	9/10/2009 6:08:42 PM
Cobalt	< 1.02	1.02		µg/L	1	9/10/2009 6:08:42 PM
Copper	1.20	1.02		µg/L	1	9/10/2009 6:08:42 PM
Lead	< 1.02	1.02		µg/L	1	9/10/2009 6:08:42 PM
Lithium	16.8	2.04	A	µg/L	1	9/10/2009 6:08:42 PM
Manganese	1.80	1.02		µg/L	1	9/10/2009 6:08:42 PM
Molybdenum	1.37	1.02		µg/L	1	9/10/2009 6:08:42 PM
Selenium	6.16	4.08		µg/L	1	9/10/2009 6:08:42 PM
Silver	< 1.02	1.02		µg/L	1	9/10/2009 6:08:42 PM
Thallium	< 1.02	1.02		µg/L	1	9/10/2009 6:08:42 PM
Uranium	6.07	1.02	A	µg/L	1	9/10/2009 6:08:42 PM
Vanadium	6.14	1.02		µg/L	1	9/10/2009 6:08:42 PM
Zinc	< 4.08	4.08		µg/L	1	9/10/2009 6:08:42 PM
MERCURY, TOTAL		**SW7470A**				Analyst: **AE**
Mercury	< 0.200	0.200		µg/L	1	9/2/2009 4:43:00 PM
CATION/ANION BALANCE		**CALCULATION**				Analyst: **AMJ**
Cation/Anion Balance	-2.17	5.0		%	1	9/17/2009
RADIUM 226		**SM7500-RA B**				Analyst: **SUB**
Radium 226	0.6 ± 0.2	0.2		pCi/L	1	9/23/2009 9:55:20 PM
RADIUM 228		**SM7500-RA D**				Analyst: **SUB**
Radium 228	1.6 ± 0.8	1.2		pCi/L	1	9/18/2009 9:50.27 AM

Qualifiers:

A Not Available for Accreditation
E Value Above Quantitation Range
N Not Accredited
X Value Exceeds Maximum Contaminant Level (MCL)
B Analyte Detected in Method Blank
H Holding Time Exceeded
S Spike Recovery Outside Recovery Limits

PQL: Practical Quantitation Limit

LCRA Environmental Laboratory Services

Date: *02-Nov-09*

CLIENT:	Texas Water Development Board	**Client Sample ID:**	65-13-214
Lab Order:	0908982	**Collection Date:**	8/26/2009 8:20:00 AM
Project:	TWDB FY2009	**Matrix:**	GROUNDWATER
Lab ID:	0908982-006	**Tag No:**	392

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
GROSS ALPHA, GROSS BETA			**E900**			Analyst: **SUB**
Gross Alpha Particle Activity	16.4 ± 2.1	1.7	X	pCi/L	1	10/3/2009 12:37:38 PM
DISSOLVED ANIONS BY ION CHROMATOGRAPH			**E300.0**			Analyst: **WR**
Bromide Dissolved	0.16	0.02		mg/L	1	9/3/2009 9:19:00 PM
Chloride Dissolved	48.7	1.00		mg/L	1	9/3/2009 9:19:00 PM
Fluoride Dissolved	0.21	0.01		mg/L	1	9/3/2009 9:19:00 PM
Sulfate Dissolved	9.82	1.00		mg/L	1	9/3/2009 9:19:00 PM
ALKALINITY			**SM2320 B**			Analyst: **JB**
Alkalinity, Phenolphthalein	< 2	2	A	mg/L CaCO3	1	9/8/2009
Alkalinity, Total (As CaCO3)	167	2		mg/L CaCO3	1	9/8/2009
NITRATE AND NITRITE			**SM4500-NO3-H**			Analyst: **KK**
Nitrogen, Nitrate & Nitrite	0.031	0.020		mg/L	1	9/2/2009
DISSOLVED PHOSPHATE AS P IN WATER			**E365.4**			Analyst: **CM**
Phosphorus, Dissolved (As P)	< 0.020	0.020		mg/L	1	9/17/2009
SILICA			**SM4500-SIO2-C**			Analyst: **KK**
Silica, Dissolved (as SiO2)	25.4	2.50		mg/L	5	9/1/2009

Qualifiers:

A Not Available for Accreditation
E Value Above Quantitation Range
N Not Accredited
X Value Exceeds Maximum Contaminant Level (MCL)
B Analyte Detected in Method Blank
H Holding Time Exceeded
S Spike Recovery Outside Recovery Limits

PQL: Practical Quantitation Limit

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

65·13·214

LABORATORY ANALYTICAL REPORT

Client: LCRA Environmental Laboratory Services
Project: Not Indicated
Lab ID: C09090416-005
Client Sample ID: 0908982-006D

Report Date: 10/05/09
Collection Date: 08/26/09 08:20
DateReceived: 09/10/09
Matrix: Groundwater

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES - DISSOLVED							
Gross Alpha	16.4	pCi/L				E900.0	10/03/09 12:37 / cgr
Gross Alpha precision (±)	2.1	pCi/L				E900.0	10/03/09 12:37 / cgr
Gross Alpha MDC	1.7	pCi/L				E900.0	10/03/09 12:37 / cgr
Radium 226	0.64	pCi/L				E903.0	09/23/09 21:55 / jah
Radium 226 precision (±)	0.20	pCi/L				E903.0	09/23/09 21:55 / jah
Radium 226 MDC	0.21	pCi/L				E903.0	09/23/09 21:55 / jah
Radium 228	1.6	pCi/L				RA-05	09/18/09 09:50 / plj
Radium 228 precision (±)	0.8	pCi/L				RA-05	09/18/09 09:50 / plj
Radium 228 MDC	1.2	pCi/L				RA-05	09/18/09 09:50 / plj

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Gulf Coast Aquifers

WQ FY 2013

TWDB Water Quality Field Data Sheet

Newly Inventoried Well: _____

SWN: 6513214
County: Harris
County Code: 201
Aquifer Code: 121EVGL
Aquifer Id: _____

Name: City of Houston
Address: 105 Sabine
Houston, Tx 77007
Attention: Terri Turner
Well Name or #: Acres Homes #1

ID Number: 319
Date: 4/3/13
Sampler(s): D. Coker

1	2	3	4	5	6	7	8	9	10
40 ml unfiltered Atrazine ✓ ICE	250 ml filtered Nitrate ✓ ICE + H2SO4	500 ml filtered Anions/T. Alk. ✓ ICE	500 ml filtered Cation ✓ HNO3 by lab	1L filtered UNAT ✓ Gross Alpha HNO3 by lab	2L filtered Radium ✓ (226/228) HNO3 by lab				

All acidified samples pH <2.0. (*) If natural pH is <7, then add NaOH until pH is between 7 and 8. If natural pH is ≥7, no NaOH required.

11	12

Calibration Verification Readings

pH	SLOPE =	99
	7 =	7.01
4.01	4 or 10 =	10.04
Conductivity	500 =	500
	1000 =	999
	2000 =	
	5000 =	

Time In: 1000
Time Out: _____

Water Level: _____
M.P. = _____
W.L. remark: _____

Pumping time: POA
Sampling Point: ✓ Installed FOP (smooth bib)

Well Use: PS
Lift: T
Power: E

FIELD G.P.S. readings
Latitude: ✓
Longitude: _____

Casing Type: _____
Casing Size: _____

Sample Time: 1021 ✓

Filter pressure: hand pump / line / spring

Field Alkalinity Titration

7.68	Start pH
4.50	End pH
50	mL Sample Size
	mL Acid Phenol (> 8.3)
8.7	mL Acid Total (to pH 4.5)

mL acid added x 20 = Alkalinity

Phenol Alkalinity (82244): _____ mg/L

✓ Total Alkalinity (39086): 174 mg/L

Water Quality Stabilization Parameters Table (At least 3 readings @ 5 min. intervals)

Time	1005	1011	1016						
pH	7.42	7.54	7.55	✓					
Celsius Temp.	24.3	24.2	24.4	✓					
Conductivity	490	487	485	✓					

Notes: Bryan County

LCRA Environmental Laboratory Services

Date: *21-May-13*

CLIENT: Texas Water Development Board
Lab Order: 1304182
Project: TWDB Suite
Lab ID: 1304182-010

Client Sample ID: 65-13-214
Collection Date: 4/3/2013 10:21:00 AM
Matrix: GROUNDWATER
Tag No: 310

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS, DISSOLVED			**E200.7**			Analyst: **MV**
Calcium	44.5	0.20		mg/L	1	4/9/2013 12:05:44 PM
Magnesium	8.37	0.20		mg/L	1	4/9/2013 12:05:44 PM
Potassium	2.25	0.20		mg/L	1	4/9/2013 12:05:44 PM
Sodium	42.4	0.50		mg/L	1	4/9/2013 12:05:44 PM
ICP METALS, DISSOLVED			**E200.7**			Analyst: **MV**
Boron	52	50		µg/L	1	4/9/2013 12:05:44 PM
Iron	< 50	50		µg/L	1	4/9/2013 12:05:44 PM
Strontium	590	20		µg/L	1	4/9/2013 12:05:44 PM
ICPMS METALS, DISSOLVED			**E200.8**			Analyst: **SW**
Aluminum	< 4.0	4.0		µg/L	1	4/11/2013 6:58:42 PM
Antimony	< 1.0	1.0		µg/L	1	4/11/2013 6:58:42 PM
Arsenic	2.9	2.0		µg/L	1	4/11/2013 6:58:42 PM
Barium	233	1.0		µg/L	1	4/11/2013 6:58:42 PM
Beryllium	< 1.0	1.0		µg/L	1	4/11/2013 6:58:42 PM
Cadmium	< 1.0	1.0		µg/L	1	4/11/2013 6:58:42 PM
Chromium	4.8	1.0		µg/L	1	4/11/2013 6:58:42 PM
Cobalt	< 1.0	1.0		µg/L	1	4/11/2013 6:58:42 PM
Copper	< 1.0	1.0		µg/L	1	4/11/2013 6:58:42 PM
Lead	< 1.0	1.0		µg/L	1	4/11/2013 6:58:42 PM
Lithium	19.8	2.0	A	µg/L	1	4/11/2013 6:58:42 PM
Manganese	1.7	1.0		µg/L	1	4/11/2013 6:58:42 PM
Molybdenum	1.3	1.0		µg/L	1	4/11/2013 6:58:42 PM
Selenium	7.4	4.0		µg/L	1	4/11/2013 6:58:42 PM
Silver	< 1.0	1.0		µg/L	1	4/11/2013 6:58:42 PM
Thallium	< 1.0	1.0		µg/L	1	4/11/2013 6:58:42 PM
Uranium	6.4	1.0	A	µg/L	1	4/11/2013 6:58:42 PM
Vanadium	7.7	1.0		µg/L	1	4/11/2013 6:58:42 PM
Zinc	6.5	4.0		µg/L	1	4/11/2013 6:58:42 PM
MERCURY, DISSOLVED			**E245.1**			Analyst: **AE**
Mercury	< 0.2	0.2		µg/L	1	4/26/2013 1:35:00 PM
DISSOLVED ANIONS BY ION CHROMATOGRAPH			**E300.0**			Analyst: **WR**
Bromide Dissolved	0.16	0.02		mg/L	1	4/20/2013 2:06:00 PM
Chloride Dissolved	49.8	1.00		mg/L	1	4/20/2013 2:06:00 PM
Fluoride Dissolved	0.21	0.01		mg/L	1	4/20/2013 2:06:00 PM
Sulfate Dissolved	9.88	1.00		mg/L	1	4/20/2013 2:06:00 PM
ALKALINITY			**SM2320 B**			Analyst: **KH**
Alkalinity, Phenolphthalein	< 2	2	A	mg/L CaCO3	1	4/10/2013

Qualifiers:

A Not Available for Accreditation
E Value Above Quantitation Range
N Not Accredited
X Value Exceeds Maximum Contaminant Level (MCL)
B Analyte Detected in Method Blank
H Holding Time Exceeded
S Spike Recovery Outside Recovery Limits

PQL: Practical Quantitation Limit

Values Below PQL Considered Estimated

LCRA Environmental Laboratory Services

Date: *21-May-13*

CLIENT:	Texas Water Development Board	**Client Sample ID:**	65-13-214
Lab Order:	1304182	**Collection Date:**	4/3/2013 10:21:00 AM
Project:	TWDB Suite	**Matrix:**	GROUNDWATER
Lab ID:	1304182-010	**Tag No:**	310

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ALKALINITY		**SM2320 B**				Analyst: **KH**
Alkalinity, Total (As CaCO3)	168	2		mg/L CaCO3	1	4/10/2013
CATION/ANION BALANCE		**CALCULATION**				Analyst: **AMJ**
Cation/Anion Balance	1.53	5.0	A	%	1	4/25/2013
NITRATE AND NITRITE		**SM4500-NO3-H**				Analyst: **ML**
Nitrogen, Nitrate & Nitrite	0.034	0.020		mg/L	1	4/8/2013
DISSOLVED PHOSPHATE AS P IN WATER		**E365.4**				Analyst: **CM**
Phosphorus, Dissolved (As P)	< 0.020	0.020		mg/L	1	4/11/2013
SILICA		**SM4500-SIO2-C**				Analyst: **KH**
Silica, Dissolved (as SiO2)	27.2	2.50		mg/L	5	4/10/2013

Qualifiers:

A Not Available for Accreditation
E Value Above Quantitation Range
N Not Accredited
X Value Exceeds Maximum Contaminant Level (MCL)
B Analyte Detected in Method Blank
H Holding Time Exceeded
S Spike Recovery Outside Recovery Limits

PQL: Practical Quantitation Limit

Values Below PQL Considered Estimated

LCRA Environmental Laboratory Services

Date: *21-May-13*

CLIENT:	Texas Water Development Board	**Client Sample ID:**	65-13-214
Lab Order:	1304183	**Collection Date:**	4/3/2013 10:21:00 AM
Project:	TWDB Suite	**Matrix:**	GROUNDWATER
Lab ID:	1304183-010	**Tag No:**	310

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
RADIUM 226		**SM7500-RA B**				Analyst: **SUB**
Radium 226	< 1.0 ± 0.15	1.0		pCi/L	1	4/25/2013 9:00:52 AM
RADIUM 228		**SM7500-RA D**				Analyst: **SUB**
Radium 228	< 1.0 ± 0.53	1.0		pCi/L	1	4/24/2013 2:31:02 PM
GROSS ALPHA, GROSS BETA		**E900**				Analyst: **SUB**
Gross Alpha Particle Activity	11.0 ± 2.3	3.0		pCi/L	1	4/23/2013 5:24:44 PM

Qualifiers:

A Not Available for Accreditation
E Value Above Quantitation Range
N Not Accredited
X Value Exceeds Maximum Contaminant Level (MCL)
B Analyte Detected in Method Blank
H Holding Time Exceeded
S Spike Recovery Outside Recovery Limits

PQL: Practical Quantitation Limit

Values Below PQL Considered Estimated

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

May 01, 2013
Client: LCRA Environmental Laboratory
Address: P.O. Box 220 78767-0220
Austin, TX 78744
Received: 4/10/2013
Project #: N/A

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Matrix	Method	DF	LOQ	Run	Analyst
1304183-007 60-64-713	1305887-07	02-Apr-13	Radium-228	0.73 +/- 0.66	pCi/L	L	EPA904.0	1	1	24-Apr-13	CM
1304183-008 65-04-218	1305887-08	03-Apr-13	Gross Alpha	U +/- 1.82	pCi/L	L	EPA 900.0	1	3	22-Apr-13	CM
1304183-008 65-04-218	1305887-08	03-Apr-13	Radium-226	0.1 +/- 0.15	pCi/L	L	EPA 903.0	1	1	25-Apr-13	CM
1304183-008 65-04-218	1305887-08	03-Apr-13	Radium-228	U +/- 0.56	pCi/L	L	EPA904.0	1	1	24-Apr-13	CM
1304183-009 65-04-614	1305887-09	03-Apr-13	Gross Alpha	U +/- 2.29	pCi/L	L	EPA 900.0	1	3	22-Apr-13	CM
1304183-009 65-04-614	1305887-09	03-Apr-13	Radium-226	0.23 +/- 0.16	pCi/L	L	EPA 903.0	1	1	25-Apr-13	CM
1304183-009 65-04-614	1305887-09	03-Apr-13	Radium-228	1.38 +/- 0.49	pCi/L	L	EPA904.0	1	1	24-Apr-13	CM
1304183-010 65-13-214	1305887-10	03-Apr-13	Gross Alpha	11.03 +/- 2.3	pCi/L	L	EPA 900.0	1	3	23-Apr-13	CM
1304183-010 65-13-214	1305887-10	03-Apr-13	Radium-226	0.23 +/- 0.15	pCi/L	L	EPA 903.0	1	1	25-Apr-13	CM
1304183-010 65-13-214	1305887-10	03-Apr-13	Radium-228	0.58 +/- 0.53	pCi/L	L	EPA904.0	1	1	24-Apr-13	CM

"Analytical Integrity" · EPA Certified · NELAP Certified
3310 Win Street · Cuyahoga Falls, Ohio 44223 • Phone: 330-253-8211 · Fax: 330-253-4489
Web Site: www.settek.com

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-215

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513215
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.863612
Latitude (degrees minutes seconds)	29° 51' 49" N
Longitude (decimal degrees)	-95.428333
Longitude (degrees minutes seconds)	095° 25' 42" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	91
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	197
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1967
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Industrial
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Gulf Oil Co.
Driller	Lowry Water Wells
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178: Screen from 184 to 194 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

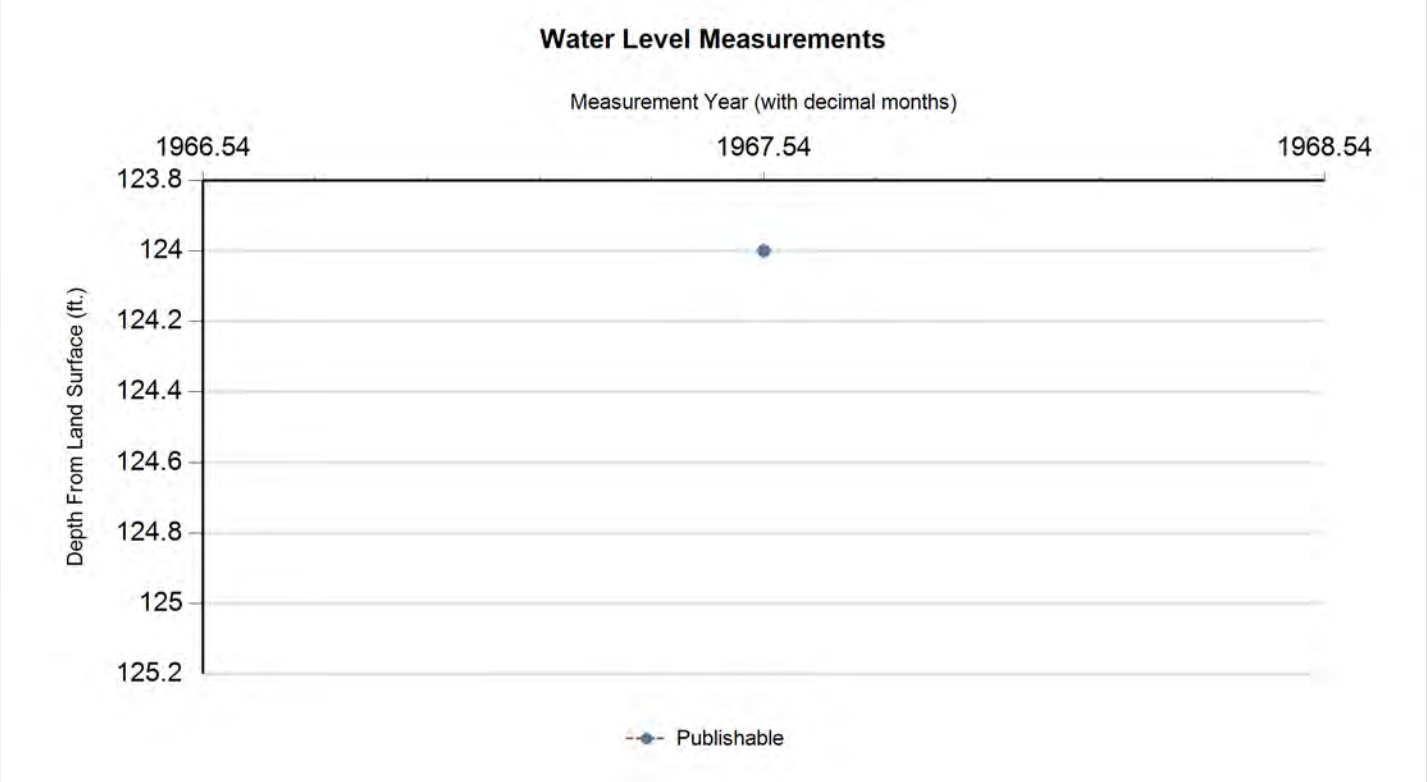
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	7/17/1967		124		-33	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION

1) OWNER

Name	Address	City	State	Zip
St. Clement Monestary	3417 W. Little York	Houston	Tx	77091

2) WELL LOCATION

County	Physical Address	City	State	Zip
Harris	3417 W. Little York	Houston	Tx	77091

3) Type of Work
☑ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

Lat. Long. Grid # 65-13-1

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☑ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply
If Public Supply well, were plans submitted? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11 / 17 / 01
Completed 12 / 4 / 01

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
9"	surface	340
4 2/3	340	360
4 3/4	360	480

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☑ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	30	Red Clay	335	357	Sand
30	50	Sand	357	360	Clay
50	95	Clay	360	370	Sand
95	120	Sand	370	394	Clay
120	160	Clay	394	400	Sand
160	170	Sand	400	410	Clay
170	200	Clay w/ Rock	410	430	Sand
200	290	Sand	430	440	Clay
290	300	Clay	440	456	Clay
300	310	Sand	456	480	Sand
310	335	Clay w/ Rock			

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☑ Other 2 String
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
5	N	SDR 17 PVC	+2	340	
3"	N	sch 40 PVC	335	340	
3	N	Slotted PVC sch 40	340	360	.010

9) Cementing Data
Cementing from 0 ft. to 340 ft. # of sacks used 54
ft. to ft. # of sacks used
Method Used Pressure
Cementing By Driller
Distance to septic system field or other concentrated contamination 150 ft.
Method of verification of above distance No Septic - City

10) Surface Completion
☐ Specified Surface Slab Installed
☑ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level 220 ft. below Date 12 / 4 / 01
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
K Packer 5X3	335'

13) Plugged ☑ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used
2	480	2	480	38
2	430	2	430	34

14) Type Pump
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc., 315 ft.

15) Water Test
Typetest ☐ Pump ☐ Bailer ☐ Jetted ☑ Estimated
Yield: 60 gpm with 35 ft. drawdown after 1 hrs.

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☑ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made ☐ Yes ☐ No

Company or individual's Name (type or print) Johnston's Water Well Service Lic. No. 2778 WI

Address 14750 Hooper Rd. City Tomball State Tx Zip 77375

Signature Kenny K. Johnston / Pres 12 / 27 / 01 Signature / /
Licensed Driller/Pump Installer Date Apprentice

TDLR FORM 6001WWD White - TDLR Yellow - Owner Pink - Driller/Pump Installer

482012 6147

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER Alan Reed (Name) ADDRESS 9223 N. Allegro Hou. Tx (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris, 3 miles in SW, direction from Houston, Tx (NE, SW, etc.) (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:

Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____

Distance and direction from two intersecting section or survey lines _____

☑ SEE ATTACHED MAP

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:

Date Drilling: Started July 31 1993 Completed " " 19 "

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
4 1/2	Surface	50

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____

If Gravel Packed give interval . . . from 30 ft. to 50 ft.

From (ft.)	To (ft.)	Description and color of formation material
0	42	Clay, rock
42	50	Sand

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
2	N	P.V.C.	0	40	40
2	N	P.V.C. Screen	40	50	.10

RECEIVED
OCT 15 1993
TEXAS WATER COMMISSION

9) CEMENTING DATA [Rule 287.44(1)]

Cemented from 0 ft. to 10 ft. No. of Sacks Used 3

ft. to ft. No. of Sacks Used _____

Method used Hand Mud

Cemented by C.W.W.

13) TYPE PUMP: None

☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____

Depth to pump bowls, cylinder, jet, etc., _____ ft.

10) SURFACE COMPLETION

☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

14) WELL TESTS: None

Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated

Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

11) WATER LEVEL:

Static level 24 ft. below land surface Date July 31, 93

Artesian flow _____ gpm. Date _____

15) WATER QUALITY:

Did you knowingly penetrate any strata which contained undesirable constituents?

☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"

Type of water? Potable Depth of strata 8

Was a chemical analysis made? ☐ Yes ☑ No

12) PACKERS: Type Depth

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Coastal Water Well (Type or print) WELL DRILLER'S LICENSE NO. 812

ADDRESS P.O. Box 745 (Street or RFD) Porter (City) Tx (State) 77365 (Zip)

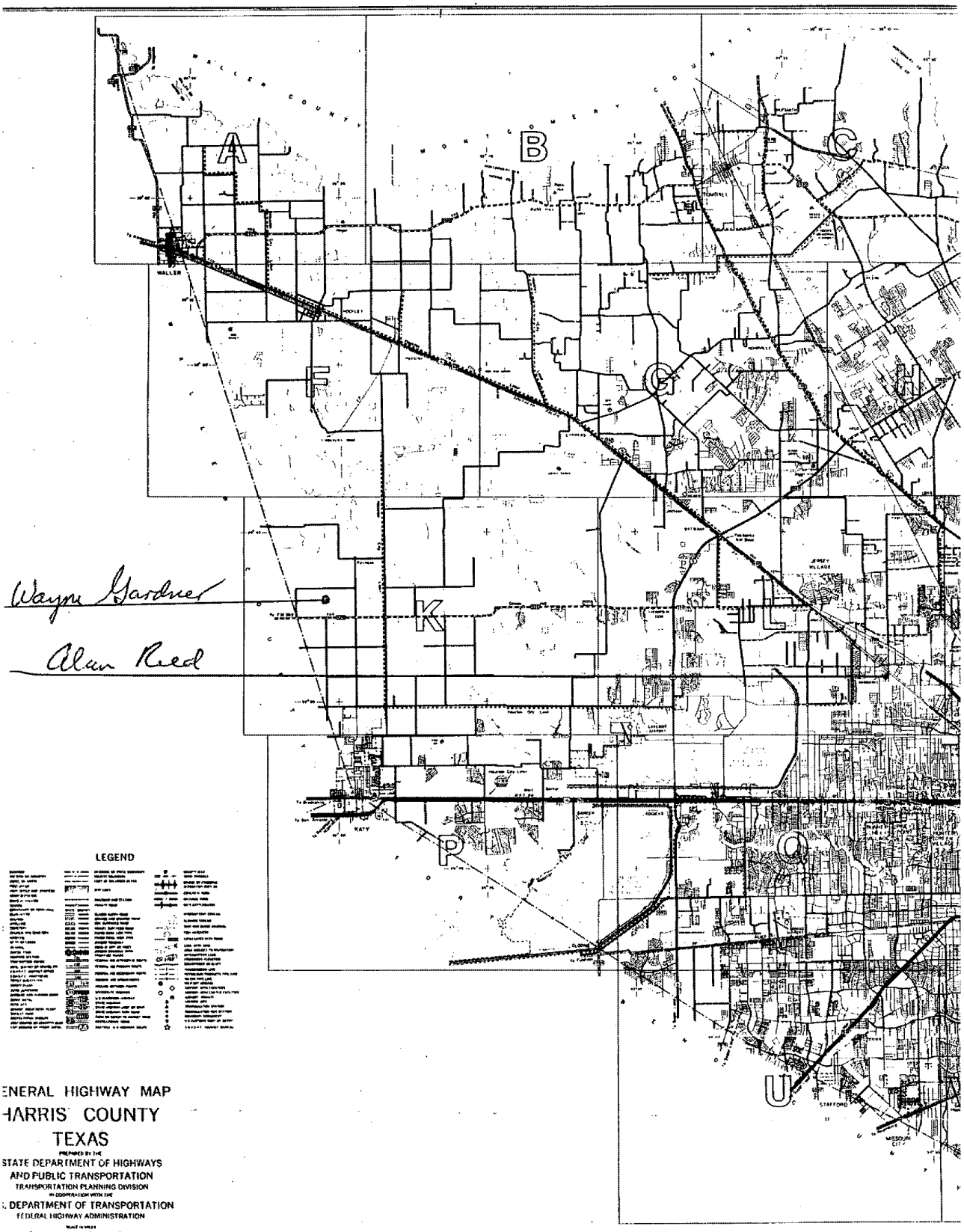
(Signed) H.R. Gebeke (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. _____ Located on map 60-12-3

TWC-0199 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY



Wayne Gardner

Alan Reed

LEGEND

ENERAL HIGHWAY MAP
HARRIS COUNTY
TEXAS

PREPARED BY THE
STATE DEPARTMENT OF HIGHWAYS
AND PUBLIC TRANSPORTATION
TRANSPORTATION PLANNING DIVISION
IN COOPERATION WITH THE
. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

SCALE IN MILES

1979

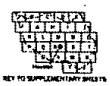
1970 CENSUS FIGURES

HIGHWAYS REVISED TO JANUARY 1, 1980

Copies of this map are available for public use at nominal cost from the State Department of Highways and Public Transportation, P.O. Box 1850, Austin, Texas 78767

1979 TRIANGULATION NORTH AMERICAN DATUM
SOURCES: U.S. COAST AND GEODETIC SURVEY AND U.S. GEOLOGICAL SURVEY

KEY SHEETS



KEY TO SUPPLEMENTARY SHEETS

KEY TO COUNTIES

Send original copy by certified return receipt requested mail t[redacted]RCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087[redacted]

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER RAY or LOIS STROMBERG ADDRESS 9205 CAMPBELL ROAD HOUSTON TEXAS 77080
SAM A. MULLIN (Name) (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL:
County HARRIS 9205 CAMPBELL ROAD HOUSTON TEXAS 77080 GRID # 65-12-6
(Street, RFD or other) (City) (State) (Zip)

3) TYPE OF WORK (Check):
[X] New Well [ ] Deepening
[ ] Reconditioning [ ] Plugging

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [X] Domestic
[ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) *

N

6) WELL LOG:
Date Drilling:
Started 10/08 19 98
Completed 10/08 1998

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
2-7/8	Surface	47

7) DRILLING METHOD (Check): [ ] Driven
[ ] Air Rotary [X] Mud Rotary [ ] Bored
[ ] Air Hammer [ ] Cable Tool [ ] Jetted
[ ] Other

From (ft.)	To (ft.)	Description and color of formation material
0	5	SURFACE CLAY
05	18	CLAY
18	20	FINE SAND
20	25	CLAY SAND
25	35	SAND & ROCK
35	47	COARSE WATER SAND

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): [ ] Open Hole [X] Straight Wall
[ ] Underreamed [ ] Gravel Packed [ ] Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
2	N	PVC	0	37	40
2	N	PVC SUPER SLOT	37	47	.008

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 10 ft. No. of sacks used 3
____ ft. to ____ ft. No. of sacks used ____
Method used HAND MIXED
Cemented by WELLCO
Distance to septic system field lines or other concentrated contamination 0 ft.
Method of verification of above distance CITY SEWER

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed [Rule 338.44(2)(A)]
[ ] Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
[ ] Pitless Adapter Used [Rule 338.44(3)(b)]
[X] Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL:
Static level 18 ft. below land surface Date 10/08/98
Artesian flow ____ gpm. Date ____

12) PACKERS: Type Depth
NONE

13) TYPE PUMP:
[ ] Turbine [X] Jet [ ] Submersible [ ] Cylinder
[ ] Other
Depth to pump bowls, cylinder, jet, etc., 25 ft.

14) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [X] Jetted [ ] Estimated
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? [ ] Yes [X] No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

FILE ID SEQ. #
EMP # DESC CO
FEB 05 1999
COMMENT

COMPANY NAME WELLCO DRILLING & SERVICE COMPANY (Type or print) WELL DRILLER'S LICENSE NO. 4729PKW

ADDRESS 5423 LOTUS STREET (Street or RFD) HOUSTON (City) TEXAS (State) 77085-1903 (Zip)

(Signed) Harry (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 05-21-96) *White - TNRCC Yellow - DRILLER Pink - WELL OWNER*

Send original copy by certified return receipt requested to: TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: *Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER DANIEL W. RUNGE (Name) ADDRESS 1902 BAVER (Street or RFD) HOUSTON (City) TEXAS (State) 77080 (Zip)

2) ADDRESS OF WELL'S LOCATION: County HARRIS 1902 BAVER (Street, RFD or other) HOUSTON (City) TEXAS (State) 77080 (Zip) Long. ____ Lat. ____ Grid # 65-12-6

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

(4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [X] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) *

N

6) WELL LOG:
Date Drilling:
Started 05/18 19 00
Completed 05/18 19 00

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
5.50	Surface	39

7) DRILLING METHOD (Check): [ ] Driven [ ] Air Rotary [X] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other ____

From (ft.)	To (ft.)	Description and color of formation material
0	08	SURFACE TOP SOIL
08	21	GRAY CLAY
21	39	COARSE WATER SAND

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): [ ] Open Hole [X] Straight Wall [ ] Underreamed [ ] Gravel Packed [ ] Other ____
If Gravel Packed give interval from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
2	N	PVC JET STREAM	0	29	40
2	N	PLASTIC SLOTTED	29	39	.012

9) CEMENTING DATA
Cemented from 0 ft. to 20 ft. No. of sacks used 4
____ ft. to ____ ft. No. of sacks used ____
Method used ____
Cemented by WELLCO
Distance to septic system field lines or other concentrated contamination 0 ft.
Method of verification of above distance CITY SEWER

13) [ ] Well plugged within 48 hours

Casing left in well: From (ft)	Casing left in well: To (ft)	Cement/bentonite placed in well: From (ft)	Cement/bentonite placed in well: To (ft)	Sacks used:

14) TYPE PUMP:
[ ] Turbine [X] Jet [ ] Submersible [ ] Cylinder
[ ] Other ____
Depth to pump bowls, cylinder, jet, etc., 20 ft.

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed
[ ] Specified Steel Sleeve Installed
[ ] Pitless Adapter Used
[X] Approved Alternative Procedure Used

15) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [X] Jetted [ ] Estimated
Yield: 8 gpm with 2-1/2 ft. drawdown after 1 hrs.

11) WATER LEVEL:
Static level 12 ft. below land surface Date 05/18/00
Artesian flow ____ gpm. Date ____

16) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? [ ] Yes [X] No

12) PACKERS: Type Depth
NONE

I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME WELLCO DRILLING & SERVICE COMPANY (Type or print) WELL DRILLER'S LICENSE NO. 4729PKW

ADDRESS 5423 LOTUS STREET (Street or RFD) HOUSTON (City) TEXAS (State) 77085 (Zip)

(Signed) Gary (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

JUN 05 2000

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDLR FORM 001WWD (4/98) White - TDLR Yellow - DRILLER Pink - WELL OWNER

Send original copy by certified mail to: TNRCC, P.O. Box 1[illegible] Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER Terry Hartman (Name) ADDRESS 9346 Livermore Dr (Street or RFD) Houston (City) Tx (State) (Zip)

2) ADDRESS OF WELL: County Harris (Street, RFD or other) (City) (State) (Zip) GRID # 65-12-6

3) TYPE OF WORK (Check): ☐ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N

6) WELL LOG:
Date Drilling:
Started June 8 19 95
Completed June 8 19 95

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
4 1/2	Surface	43

7) DRILLING METHOD (Check): ☐ Driven ☐ Air Rotary ☑ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	25	Clay
25	43	Sand, rock 40'

(Use reverse side if necessary)

8) Borehole Completion (Check): ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☑ Gravel Packed ☐ Other
If Gravel Packed give interval ... from 20 ft. to 43 ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
2	N	PVC	0	33	40
2	N		33	43	.08

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 10 ft. No. of sacks used 3
ft. to ft. No. of sacks used
Method used Hand Mix
Cemented by Owner
Distance to septic system field lines or other concentrated contamination None ft.
Method of verification of above distance No Septic

RECEIVED JUN 26 1995 TEXAS WATER DEVELOPMENT BOARD CONSERVATION DIV.

13) TYPE PUMP:
☐ Turbine ☑ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., 30 ft.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 338.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

14) WELL TESTS:
Type test: ☑ Pump ☐ Bailer ☐ Jetted ☑ Estimated
Yield: 6 gpm with ft. drawdown after hrs.

11) WATER LEVEL:
Static level 15 ft. below land surface Date June 8, 95
Artesian flow gpm. Date

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Potable Depth of strata 18'
Was a chemical analysis made? ☐ Yes ☑ No

12) PACKERS: Type Depth
none

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Coastal Water Well (Type or print) WELL DRILLER'S LICENSE NO. 812

ADDRESS PO. Box 745 (Street or RFD) Porter (City) Tx (State) 77365 (Zip)

(Signed) [illegible] (Licensed Well Driller) (Signed) Keith Gabriel (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-01-94)

TNRCC COPY

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-12-614

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6512614
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.806389
Latitude (degrees minutes seconds)	29° 48' 23" N
Longitude (decimal degrees)	-95.517222
Longitude (degrees minutes seconds)	095° 31' 02" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	87
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	60
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1931
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Unused
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	None
Pump Depth (feet below land surface)	
Power Type	
Annular Seal Method	
Surface Completion	
Owner	J. L. Sampson
Driller	Henry Sauer
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/5/2002
Last Update Date	9/5/2002

Remarks	TWDB R178

Casing - No Data

Well Tests - No Data

Lithology - No Data

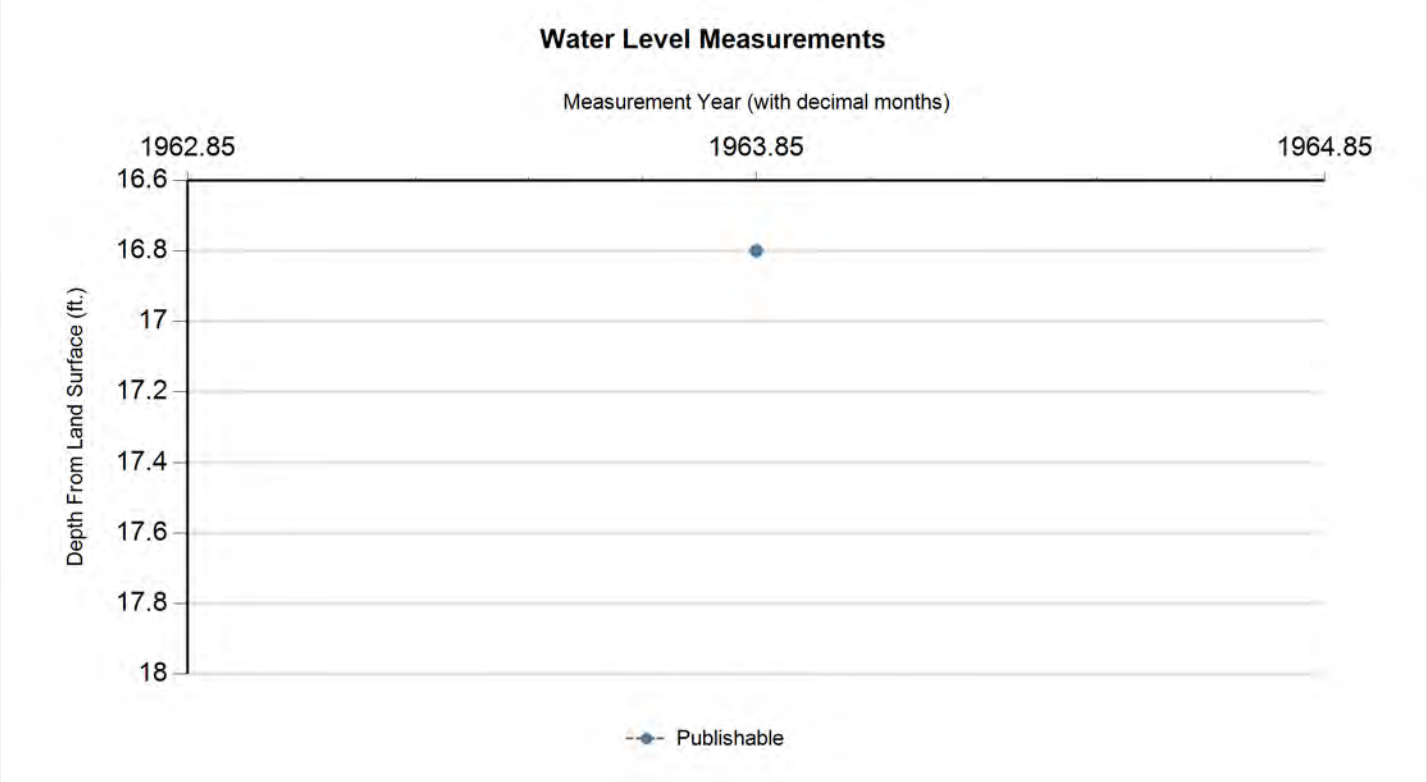
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	11/11/1963		16.8		70.2	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Send original copy by certified mail to: TNRCC, P.O. Box [illegible]87, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** KEN BURLESON (Name) **ADDRESS** 6406 DEIHL (Street or RFD) HOUSTON (City) TX (State) 77092 (Zip)

2) **ADDRESS OF WELL:** County HARRIS SAME (Street, RFD or other) (City) (State) (Zip) **GRID #** 65-13-1

3) **TYPE OF WORK (Check):** [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) **PROPOSED USE (Check):** [ ] Monitor [ ] Environmental Soil Boring [X] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) N

6) **WELL LOG:**
Date Drilling:
Started 12-15 19 95
Completed 12-20 19 95

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
	Surface	
6 3/4	0	390

7) **DRILLING METHOD (Check):** [ ] Driven [ ] Air Rotary [X] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

From (ft.)	To (ft.)	Description and color of formation material
0	30	clay
30	59	sand
59	147	clay
147	190	sand
190	255	clay
255	269	sand
269	279	clay
279	360	sand
360	375	sand & clay
375	390	sand

(Use reverse side if necessary)

RECEIVED JAN 12 1996 TEXAS WATER WELL DRILLERS ADVISORY COMMISSION

8) **Borehole Completion (Check):** [ ] Open Hole [ ] Straight Wall [ ] Underreamed [ ] Gravel Packed [X] Other 2 STRING
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	N	PVC CASING	0	380	
2½	N	PVC LINER	270	380	
2½	N	PVC SCREEN	380	390	.012

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from 380 ft. to 10 ft. No. of sacks used 18
0 ft. to 10 ft. No. of sacks used 6
Method used HALIBURTON
Cemented by SCOTT WATER WELL INC.
Distance to septic system field lines or other concentrated contamination 75 ft.
Method of verification of above distance VISUAL

10) **SURFACE COMPLETION**
[ ] Specified Surface Slab Installed [Rule 338.44(2)(A)]
[X] Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
[ ] Pitless Adapter Used [Rule 338.44(3)(b)]
[ ] Approved Alternative Procedure Used [Rule 338.71]

11) **WATER LEVEL:**
Static level 250 ft. below land surface Date 12-20-95
Artesian flow _____ gpm. Date _____

12) **PACKERS:**

Type	Depth
K-PACKER	370

13) **TYPE PUMP:** [ ] Turbine [ ] Jet [X] Submersible [ ] Cylinder [ ] Other
Depth to pump bowls, cylinder, jet, etc., 360 ft.

14) **WELL TESTS:**
Type test: [ ] Pump [ ] Bailer [X] Jetted [ ] Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? [ ] Yes [X] No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME SCOTT WATER WELL INC. (Type or print) **WELL DRILLER'S LICENSE NO.** 4839

ADDRESS 11915 GREEN PINE CIRCLE (Street or RFD) HOUSTON (City) TEXAS (State) 77066 (Zip)

(Signed) Scott Robinson (Licensed Well Driller) **(Signed)** _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-01-94)

TNRCC COPY

WL # 50 ✓

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-13-1M
Located on map YES
Received: RWB

1) OWNER Mr. Aldredge (Name) Address 6306½ Diehl Rd (Street or RFD) Hou. (City) Tx. (State) 77093 (Zip)

2) LOCATION OF WELL: County Harris Diehl Rd. 11 miles in N.W. (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☑ See attached map. ON 65-21-7H

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 10/31/80

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	305

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	112	Clay
112	145	Sand
145	216	Clay
216	227	Sand
227	248	Clay
248	265	Sand
265	288	Clay
288	305	Sand

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	PVC	0	290	
2	N	PLASTIC	295	305	.020

CEMENTING DATA
Cemented from 240 ft. to 290 ft.
Method used Halliburton
Cemented by Bussell & Son, Inc (Company or Individual)

9) WATER LEVEL:
Static level 220 ft. below land surface Date 11/8/80
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 25 L ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 31 gpm with 28 ft. drawdown after 1 hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

AUG 24 1982

NAME Tommy C. Bussell (Type or Print) Water Well Drillers Registration No. #707 ~~UR/DWR~~

ADDRESS 9739 N. Houston Rosslyn (Street or RFD) Houston (City) Texas (State) 77088 (Zip)

(Signed) Tommy C. Bussell (Water Well Driller) Bussell & Son, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79) DEPARTMENT OF WATER RESOURCES COPY

482010915 8

Dup W.L. # 108

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-13-6E
Located on map 4 Comm
Received:

1) OWNER Big Bend Apartments (Name) Address 1501 Big Bend (Street or RFD) Houston (City) TX (State) 77055 (Zip)

2) LOCATION OF WELL: 1501 Big Bend (off Longpoint)
County Harris _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ See attached map. map on 65-05-9AAA

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 2-8-84

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8 3/4	Surface	415

From (ft.)	To (ft.)	Description and color of formation material
0	12	Clay
12	30	S. Sand
30	70	Clay
70	86	Sand
86	195	Clay
195	214	Sand
214	237	Clay
237	290	Sand
290	320	Clay
320	332	Sand
332	340	Clay
340	379	Sand
379	415	Production Sand

(Use reverse side if necessary)

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5	N	PVC	0	390	
3	N	Galv.	385	395	
3	N	PVC	395	415	.016

CEMENTING DATA
Cemented from 0 ft. to 390 ft.
Method used Haliburton
Cemented by Bussell + Son Inc (Company or Individual)

9) WATER LEVEL:
Static level 215 ft. below land surface Date 2/9/84
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

RECEIVED
MAR 11 1985
DEPT. OF WATER RESOURCES

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Craig O. Bussell (Type or Print) Water Well Drillers Registration No. 2035

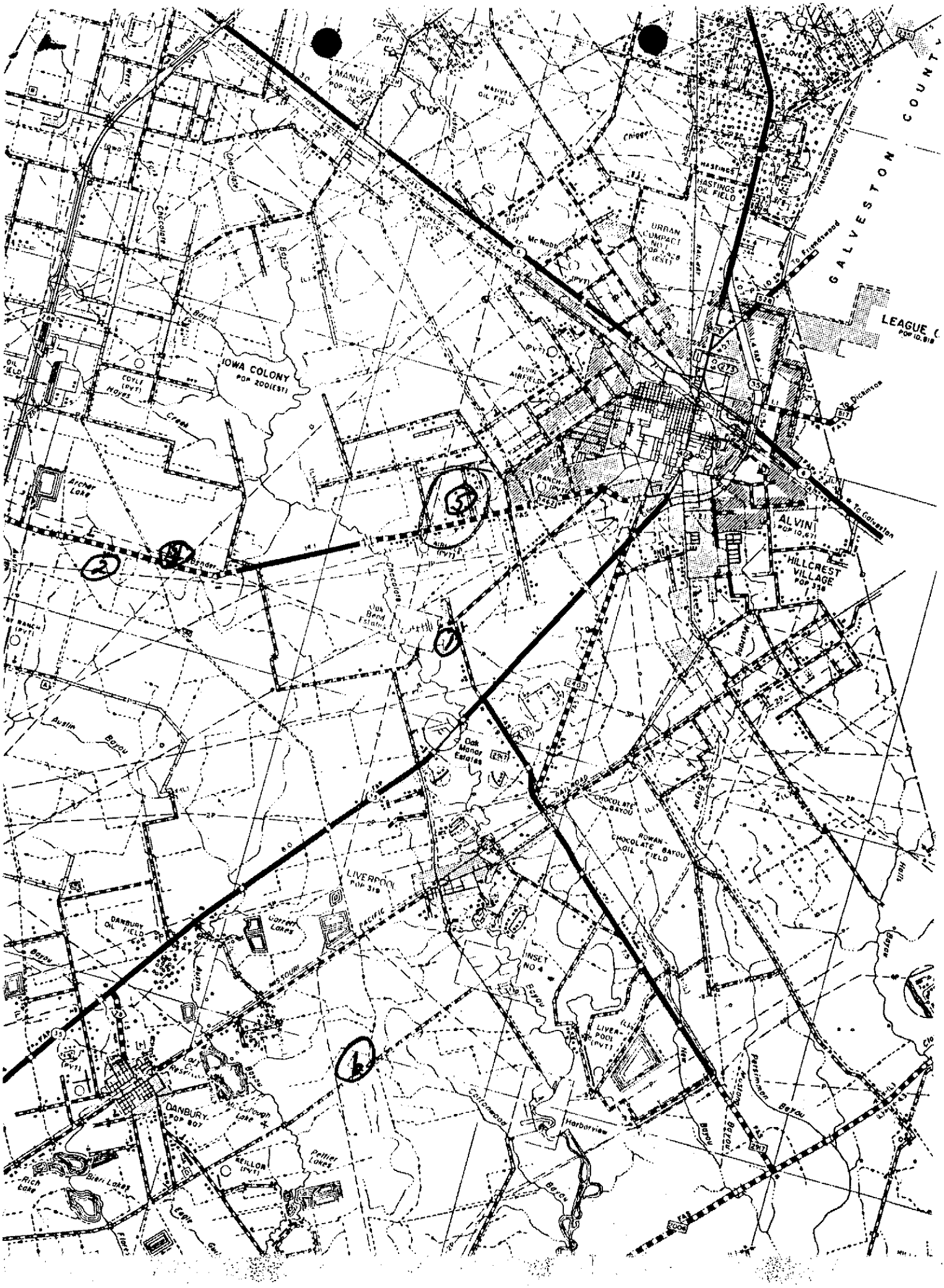
ADDRESS P.O. Box 874 (Street or RFD) Tomball (City) TX (State) 77375 (Zip)

(Signed) Craig Bussell (Water Well Driller) Bussell + Son Inc (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY


MANVEL
POP 1,16
MANVEL OIL FIELD
CLOVER
HASTINGS OIL FIELD
URBAN COMPACT
GALVESTON COUNTY
LEAGUE
IOWA COLONY
POP 200(EST)
ALVIN AIRFIELD
ALVIN
POP 10,671
HILLCREST VILLAGE
POP 336
To Galveston
To Dickinson
To Friendswood
Friendswood City Limit
Archer Lake
Austin Bayou
Oak Manor Estates
CHOCOLATE BAYOU
ROWAN-CHOCOLATE OIL FIELD
LIVERPOOL
POP 319
DANBURY OIL FIELD
Garrett Lakes
PACIFIC
MISSOURI
INSET NO. 4
LIVERPOOL (PVT)
DANBURY
POP 807
Lake
Rich Lake
Blair Lakes
Pettier Lakes
Harborview
Persimmon Bayou
Chocolate Bayou

Well Log #109

65-U-6J DUP

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TDWR use only
Well No. 65-12-6J
Located on map YES
Received: TH

1) OWNER Big Bend Apartments (Name) Address 1501 Big Bend (Street or RFD) Houston (City) Texas (State) 77055 (Zip)

2) LOCATION OF WELL: Same
County Harris, — miles in — (N.E., S.W., etc.) direction from Spring Valley (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ See attached map. Map on 65-20-2Q

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☐ Industrial ☒ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 4/3/79

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6½	Surface	415'

From (ft.)	To (ft.)	Description and color of formation material
0	12	Clay
12	30	S. Sand
30	70	Clay
70	86	Sand
86	195	Clay
195	214	Sand
214	237	Clay
237	290	Sand
290	320	Clay
320	332	Sand
332	340	Clay
340	379	Sand
379	415	Production Sand

(Use reverse side if necessary)

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Steel	0	380	40
2	N		395	415	(R.B)

CEMENTING DATA
Cemented from 330 ft. to 380 ft.
Method used _____
Cemented by _____ (Company or Individual)

9) WATER LEVEL:
Static level 207 ft. below land surface Date 4/3/79
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP:
☐ Turbin ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 252 ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 51 gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy C. Bussell (Type or Print) Water Well Drillers Registration No. #707

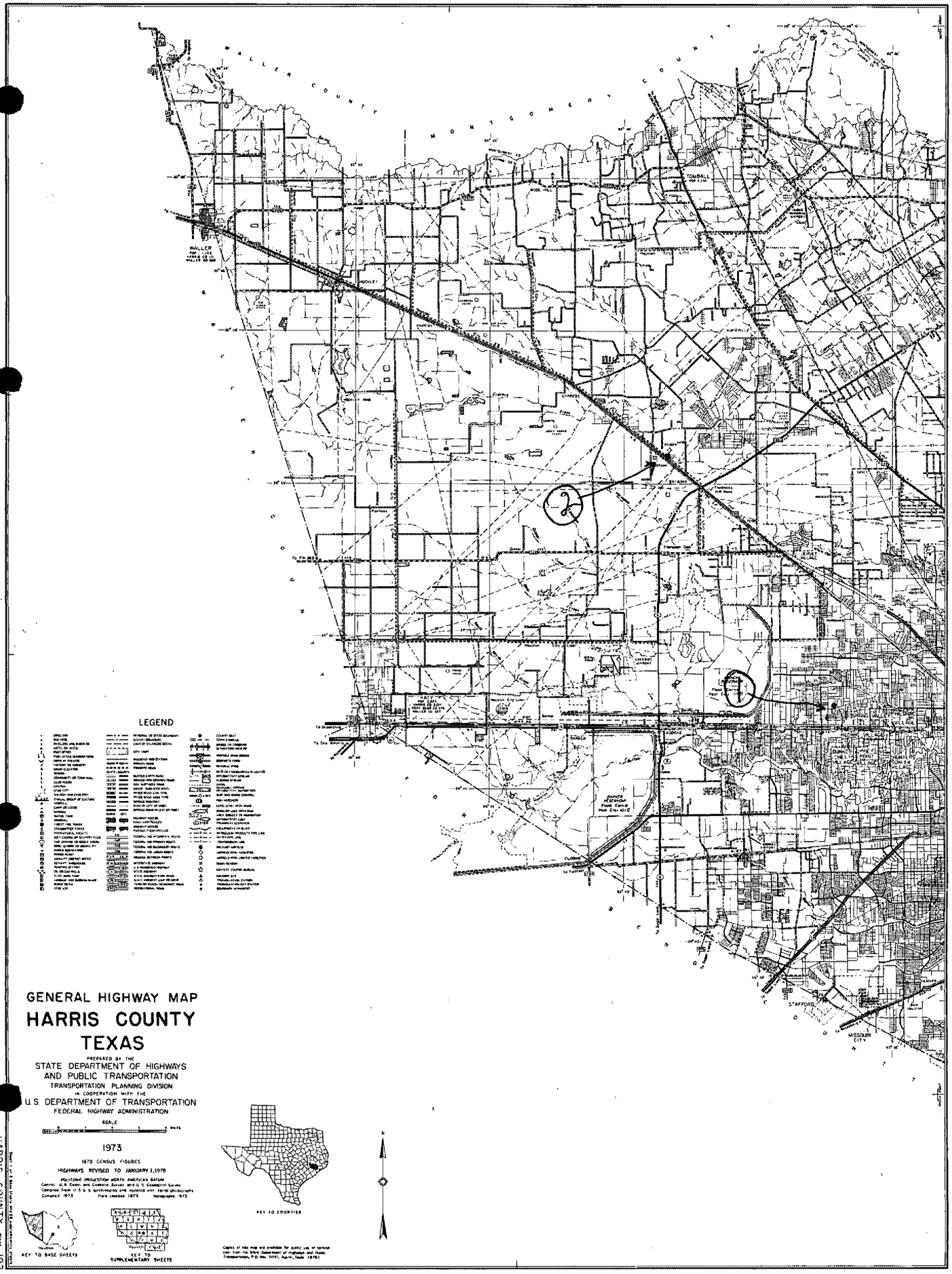
ADDRESS 9739 N. Houston Rosslyn (Street or RFD) Houston, Texas (City) (State) 77088 (Zip)

(Signed) Tommy C. Bussell (Water Well Driller) BUSSELL & SON, INC. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TDWR-0392


LEGEND
GENERAL HIGHWAY MAP
HARRIS COUNTY
TEXAS
PREPARED BY THE
STATE DEPARTMENT OF HIGHWAYS
AND PUBLIC TRANSPORTATION
TRANSPORTATION PLANNING DIVISION
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
SCALE
1973
1970 CENSUS FIGURES
HIGHWAYS REVISED TO JANUARY 1, 1973
POLYCONIC PROJECTION NORTH AMERICAN DATUM
KEY TO BASE SHEETS
KEY TO SUPPLEMENTARY SHEETS
KEY TO COUNTIES
HARRIS COUNTY TEXAS 102

DUP

WL #36 ✓

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-12-64
Located on map YES
Received: RWB

1) OWNER James Bivens (Name) Address 2311 Langley (Street or RFD) Hou. (City) Tx. (State) 77093 (Zip)

2) LOCATION OF WELL: Carly Rd. (Name)
County Harris 15 miles in N- (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☑ See attached map. ON 65-21-74

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 10/20/80

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	377'

From (ft.)	To (ft.)	Description and color of formation material
0	180	unconsolidated
180	204	Sand (.020)
204	334	Clay + Broken Sand
334	377	Sand

(Use reverse side if necessary)

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	PVC	0	355	
2	N	Plastic	357	377	.020

CEMENTING DATA
Cemented from 305 ft. to 355 ft.
Method used Halliburton
Cemented by B.S. (Company or Individual)

9) WATER LEVEL:
Static level 250' ft. below land surface Date 10/20/80
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 294 ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 36 gpm with 33 ft. drawdown after 2 hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

RECEIVED AUG 24 1982

NAME Tommy C. Bussell (Type or Print) Water Well Drillers Registration No. #707

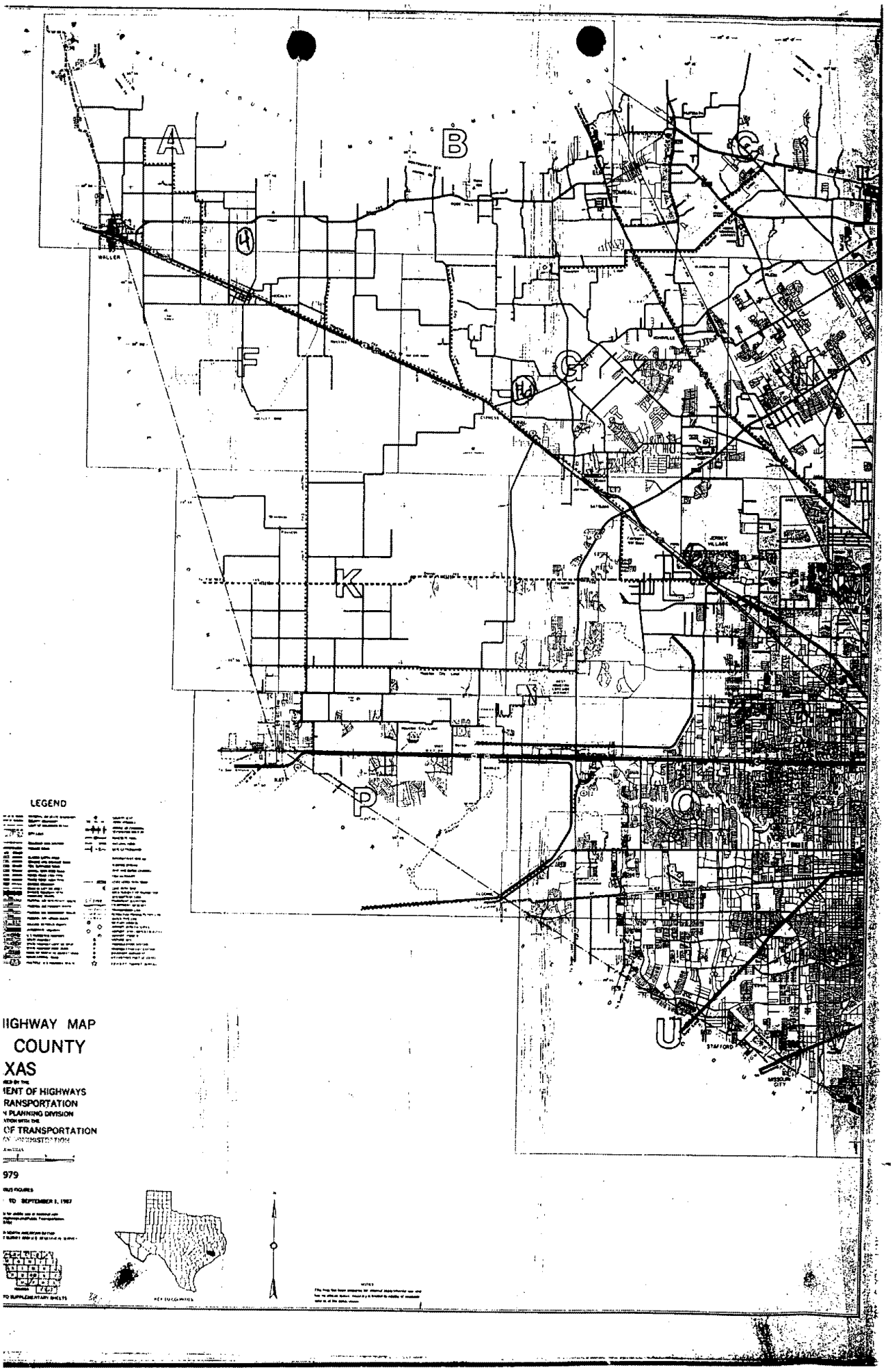
ADDRESS 9739 N. Houston Rosslyn (Street or RFD) Hou. (City) Tx. (State) 77088 (Zip)

(Signed) Tommy C. Bussell (Water Well Driller) Bussell + Son, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY


A
B
C
F
G
H
K
P
O
U
WALLER
JERSEY VILLAGE
STAFFORD
MISSOURI CITY
LEGEND
HIGHWAY MAP
COUNTY
XAS
IENT OF HIGHWAYS
RANSPORTATION
PLANNING DIVISION
OF TRANSPORTATION
979
TO SEPTEMBER 1, 1987
TO SUPPLEMENTARY SHEETS
KEY DISCONTINUITIES

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

(14)

Please use black ink.

ATTENTION OWNER: *Confidentiality, Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER Ned Davenport (Name) ADDRESS 9317 Olathe (Street or RFD) Houston (City) Tx (State) 77055 (Zip)

2) LOCATION OF WELL:
County Harris, 210 miles in SW (NE, SW, etc.) direction from Houston (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ SEE ATTACHED MAP

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☐ Driven ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 10-14-89 19__ Completed 10-16-89 19__

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
	Surface	
6 3/4	0	413

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☒ Other 2 String Cemented
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	36	Clay
36	89	Sand
89	121	Clay
121	163	Sand
163	194	Clay
194	237	Sand
237	273	Clay
273	305	Sand
305	347	Clay
347	371	Sand

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4"	N	PVC CAsing	0	383	sch40
2½"	N	Liner	383	393	Sch 40
2½"	N	Slotted Screen	393	413	.0012

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 383 ft. to 223 ft. No. of Sacks Used 10
15 ft. to 0 ft. No. of Sacks Used 3
Method used Halliburton
Cemented by Robinson WAter WellService,INc.

RECEIVED APR 03 1992 TEXAS WATER COMMISSION

13) TYPE PUMP: 1½H.P.
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 300

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☒ Approved Alternative Procedure Used [Rule 287.71]

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

11) WATER LEVEL:
Static level 220 ft. below land surface Date 10-16-89
Artesian flow _____ gpm. Date _____

15) WATER QUALITY:
Did the drilling penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

12) PACKERS: Type K-Packer Depth 383

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Robinson Water Well Service,INc (Type or print) WELL DRILLER'S LICENSE NO. 2212

ADDRESS 11607 FM 149 (Street or RFD) Houston (City) Tx (State) 77086 (Zip)

(Signed) Tim Robinson (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 14 Located on map 65-12-6

WWD-012 (Rev. 09/21/88)

TEXAS WATER COMMISSION COPY

P1

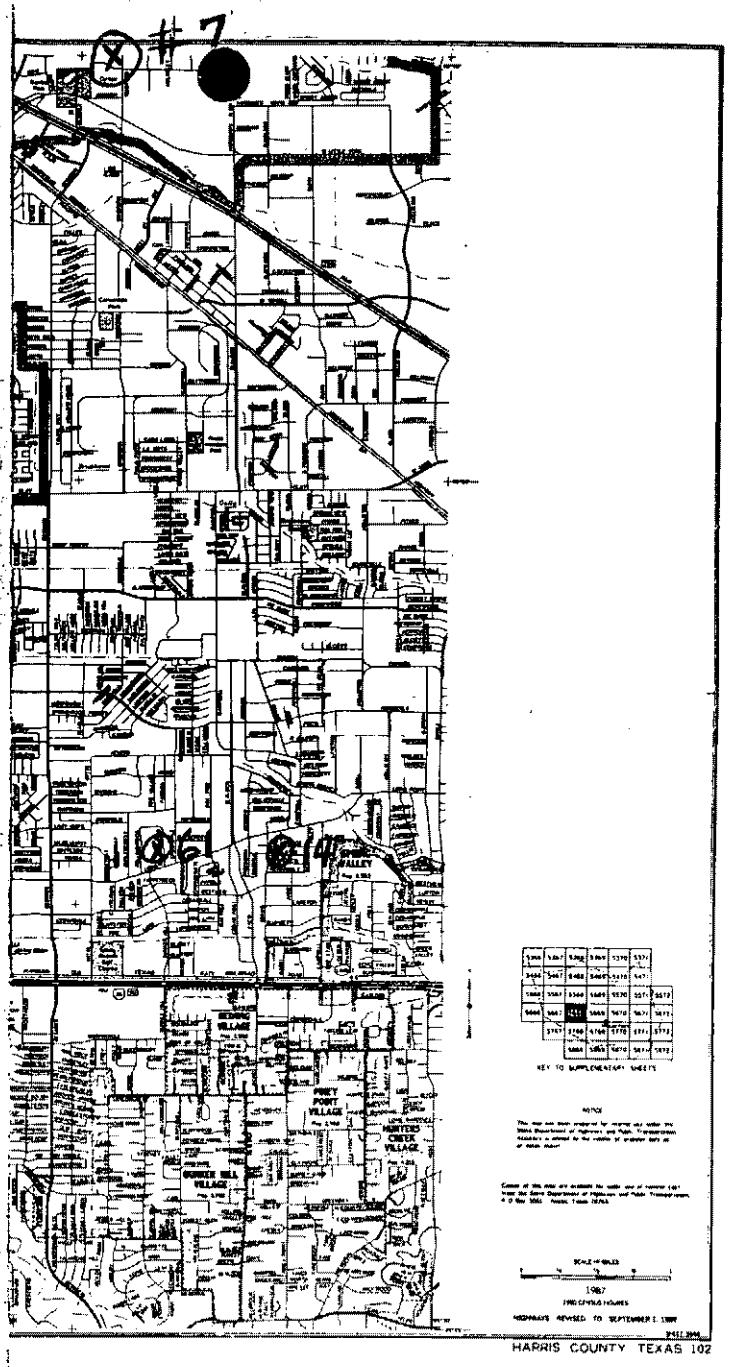
IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING PRIVILEGE OF CONFIDENTIALITY

The Water Well Drillers Board and the Texas Water Commission are concerned that some persons having wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every licensed water well driller drilling, deepening or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within 60 days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. Each copy of a well log, other than a Commission copy, shall include the name, mailing address, and telephone number of the Board and the Commission. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential.

From (ft.)	To (ft.)	Description and color of formation material
371	390	Clay
390	413	Sand


#7
#6
#4
VALLEY
VILLAGE
PORT
PORT
VILLAGE
HUNTERS
CREEK
VILLAGE
BUNKER HILL
VILLAGE
KEY TO SUPPLEMENTARY SHEETS
1987
HARRIS COUNTY TEXAS 102

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
BARBARA F. APPELT	9317 SADDLE LANE	HOUSTON	TEXAS	77080

2) WELL LOCATION

County	Physical Address	City	State	Zip
HARRIS	9317 SADDLE LANE	HOUSTON	TEXAS	77060

Lat. Long. Grid # 65-12-6

3) Type of Work
[X] New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring [X] Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply
If Public Supply well, were plans submitted? ☐ Yes ☐ No

5) N↑ *

6) Drilling Date
Started 06 / 12 /01
Completed 06 / 12 /01

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
5	0	37

7) Drilling Method (check) ☐ Driven ☐ Air Rotary [X] Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft)	To (ft)	Description and color of formation material
0	05	SURFACE TOP SOIL
05	19	GRAY CLAY
19	25	MEDIUM SAND
25	37	MEDIUM COARSE SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole [X] Straight Wall ☐ Under-reamed ☐ Gravel Packed ☐ Other
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
2	N	PVC	0	27	40
2	N	PVC SLOTTED	27	37	.008

9) Cementing Data
Cementing from 0 ft. to 20 ft. # of sacks used 3
ft. to ft. # of sacks used
Method Used HAND MIXED
Cementing By WELLCO
Distance to septic system field or other concentrated contamination 70 ft.
Method of verification of above distance CITY LIMITS

10) Surface Completion
☐ Specified Surface Slab Installed
[X] Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level 15 ft. below Date 06 / 12 01
Artesian Flow gpm. Date / /

12) Packers Type Depth
NONE

13) Plugged N/A ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Type Pump
☐ Turbine [X] Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc., 20 ft.

15) Water Test
Typetest ☐ Pump ☐ Bailer [X] Jetted ☐ Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES [X] NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made ☐ Yes [X] No

RECEIVED NOV 18 2004 TCEQ - CENTRAL FILE ROOM

EMP # INSPECTOR JUL 0 2 2001 COMMENT

Company or individual's Name (type or print): WELLCO DRILLING & SERVICE COMPANY Lic. No. 4729PKW

Address 5423 LOTUS STREET City HOUSTON State TEXAS Zip 77085

Signature Licensed Driller/Pump Installer: Mary C. Date 06 / 12 / 01 Signature Apprentice / /

TDLR FORM b001WWD White - TDLR Yellow - Owner Pink - Driller/Pump Installer CM7099 3400 0017 1144 5692

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Tex[redacted] Department of License and Regulat[redacted]

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
RITA ARN	9318 SADDLE	HOUSTON	TEXAS	77080

2) WELL LOCATION

County	Physical Address	City	State	Zip
HARRIS	9318 SADDLE	HOUSTON	TEXAS	77080

3) Type of Work
[X] New Well [ ] Deepening [ ] Reconditioning

Lat. | | | Long. | | | Grid # 65-12-6

4) Proposed Use (check) [ ] Monitor [ ] Environmental Soil Boring [X] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) N↑ *

6) Drilling Date
Started 09 / 29 / 00
Completed 09 / 29 / 00

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
2-7/8	SURFACE	45

7) Drilling Method (check) [ ] Driven [ ] Air Rotary [X] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

From (ft)	To (ft)	Description and color of formation material
0	10	SURFACE TOP SOIL CLAY
10	30	FINE SAND
30	45	COARSE WATER SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion [ ] Open Hole [X] Straight Wall [ ] Under-reamed [ ] Gravel Packed [ ] Other
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
2	N	PVC JET STREAM	0	35	40
2	N	PVC SLOTTED SCREEN	35	45	.012

9) Cementing Data
Cementing from 0 ft. to 20 ft. # of sacks used 3
ft. to ft. # of sacks used
Method Used HAND MIXED
Cementing By WELLCO
Distance to septic system field or other concentrated contamination 0 ft.
Method of verification of above distance CITY

13) Plugged [ ] Well plugged within 48 hours N/A
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion
[ ] Specified Surface Slab Installed
[ ] Specified Surface Sleeve Installed
[ ] Pitless Adapter Used
[X] Approved Alternative Procedure Used

SEQ # FILE ID TEMP # DBCG CO OCT 16 2000 COMMENT CO

14) Typepump
[ ] Turbine [X] Jet [ ] Submersible [ ] Cylinder
[ ] Other
Depth to pump bowls, cylinder, jet etc., 22 ft.

11) Water Level
Static level 18 ft. below Date 09 / 29 / 00
Artesian Flow gpm. Date / /

15) Water Test
Typetest [ ] Pump [ ] Bailer [X] Jetted [ ] Estimated
Yield: gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate and strata which contain undesirable constituents.
[ ] YES [X] NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made [ ] Yes [X] No

12) Packers

Type	Depth
NONE	

Company or individual's Name (type or print): WELLCO DRILLING & SERVICE COMPANY

Address 5423 LOTUS STREET | City HOUSTON | State TEXAS | Zip 77085

Signature (Licensed Driller/Pump Installer) | Date 10 / 06 / 00 | Signature (Apprentice) | Date / /

CM 7000 0520 0022 8445 0623

TDLR FORM 001WWD *White - TDLR* *Yellow - Owner* *Pink - Driller/Pump Installer*

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: JMG BUILDERS, LTD. ADDRESS: 2700 POST OAK BLVD. #1666 CITY: HOUSTON STATE: TX ZIP: 77056-

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-13-09
Street or RFD: # 10 OAK COURT THE LIVE OAK APARTMENTS (STATE WELL#.6700) (FAIRGROUND APT.,LTD)
City, State, Zip code: HOUSTON , TX 77006-

5)

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: IRRIGATION
If Public Supply well, were plans submitted to the TNRCC? N^

6) WELL LOG: 00278
DATE DRILLING:
STARTED: 06/23/98
COMPLETED: 12/31/98

DIAMETER OF HOLE

DIAMETER	FROM	TO
7.75	-0-	334
4.75	334	361

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: TWO-STRING
IF GRAVEL: FROM FT. TO FT.
FROM FT. TO FT.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	PVC WELL CASING	+2	334	SDR-17
2.5	N	PVC BLANK PIPE	330	340	SCH 80
2.5	N	STAINLESS ROD BASE	340	350	8 GA
2.5	N	STAINLESS ROD BASE	350	360	10 GA
2.5	N	NIP W/BACKWASH VALVE	360	361	SCH 80

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	20	SANDY TOPSOIL, CLAY
20	100	WHITE CLAY RED CLAY RED CLAY
100	120	RED & WHITE CLAY
120	132	RED CLAY
132	160	SAND,CLAY CLAY, SAND, CLAY
160	200	GRAY CLAY GRAY CLAY RED CLAY
200	240	ROCK SAND CLAY SAND
240	280	SAND CLAY SAND CLAY,SAND,CLAY,SAND
280	290	SAND
290	308	CLAY
308	361	SAND SAND SAND

9) CEMENTING DATA:

Cemented from	No. of Sacks Used
334 FT. TO 214 FT.	12
-0- FT. TO 18 FT.	6

Method used: HALLIBURTON METHOD
Cemented by: GDI LOWER PRESSURED
Distance to septic field lines: n/a ft.
Method of verification of above distance: CITY SEWERAGE

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 180 FT. DATE: 10/20/98
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
BP-SEAL	330
FORMATIOM PACKER	18

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 280

14) WELL TEST:
JETTED
YIELD: 100 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 40+ NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: GEOPHYSICAL DRILLING,INC. WATER WELL DRILLER'S LICENSE NO.: 4898WPK
ADDRESS: P.O. BOX 664 CITY: FULSHEAR STATE: TX ZIP CODE: 77441

FOR TWC USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) _____ (LICENSED WATER WELL DRILLER)

(signed) _____ (REGISTERED DRILLER TRAINEE)

MAR 10 1999

Texas Water Development Board
Well Schedule

State Well Number 6513930 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294501 **Longitude** 952301 **Source of Coords** 3

Owner's Well No. **Location**

Owner
Horlock Ice co.

Driller
J.A. Walling

Address **Tenant/Oper.**

Date Drilled / /1929 **Depth** 250 **Source of Depth** **Altitude** 56 **Source of Alt.**

Well Type W **User**

WEL CONSTRUCTION

Const-Method

Completion

Casing Material Blank

Screen Material Blank

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to_____

LIFT DATA - Pump Mfr. - **Type -** blank **No. Stages**

Bowls Diam - **in.** **Setting -** **ft.** **Column Diam. -** **in.**

Motor Mfr. - **Fuel or Power -** blank **Horsepower -**

YIELD Flow- **GPM** **Pump** **GPM** **Meas.,Rept.,Est.-** **Date-**

WATER USE **Primary -** INDUSTRIAL **Secondary -** blank **Tertiary -** MEDICINAL

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** Y **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1931
-68

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
Screen from 224 to 250 ft.

Aquifer - 112CHCTL **ID -** 15

CHICOT
AQUIFER,LOWER

April 1966

U. S. DEPT. OF THE INTERIOR

WELL SCHEDULE

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

J65-13-946

1:24000

MASTER CARD

Record by W. L. Nattel Source of data owner & Dr. records Date Oct. 20, 75 Map Houston Heights 1967

State Texas [48] County (or town) Harris [LJ]

Latitude: 29 45 03 N S Longitude: 095 22 56 Sequential number: 2

deg min sec degrees min sec

Lat-long accuracy: [1] T____ N S, R____ E W, Sec____, ____k, ____k, ____k ____ B & M

Local well number: LJ-65-13-946 Other number:

Local use: Owner or name: Sparkle Ice Co.

Owner or name: SPARKLE ICE CO Address: 1501 W. Webster

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [P]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mnd, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other [N]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Ø) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdrawl, (X) Waste, (Z) Destroyed. [W]

DATA AVAILABLE: Well data Freq. W/L meas.: [Ø] Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: none Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: D-log 514' (on back) [D]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 514 ft 514 Meas. (rept) owner accuracy [3]

Depth cased (first perf.): 410 ft 410 Casing type: S; Diam. 4 X 2½ in 4

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Ø) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other [S]

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other [H]

Date Drilled: 4-21-70 970 Pump intake setting: 252' (1970) ft 252

Driller: J. C. Bussell & Son (name), 7735 N. Hou.-Rosslyn Rd Hou. (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, (S) submers, (T) turb, (Z) other [S] Deep Shallow [D]

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. [5] Trans. or meter no.

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: 53 53 Accuracy: (source) 5' topo map [3]

Water Level 207 ft above below MP; Ft above below LSD 207 Accuracy: rept dr. [D]

Date meas: 4-23-70 470 Yield: — gpm Method determined

Drawdown: — ft Accuracy: Pumping period hrs

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard. ppm

Sp. Conduct K x 10^6 Temp. °F Date sampled

Taste, color, etc.

Well No. LJ-65-13-946

LJ-13-946

Latitude-longitude 29 (d), 45 (m), 03 (s) N 095 (d), 22 (m), 56.2 (s)

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: Coastal Plain (20–21) 03 Section: W Gulf Coast Plain (22) F Drainage Basin: (23–25) 51R Subbasin: (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (Φ) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat (27) F

MAJOR AQUIFER: system, series (28–29) QG lower Chicot aquifer, formation, group (30–31) CL

Lithology: sand (32–33) S Origin: deltaic (34) Aquifer Thickness: ft

(35–37) Length of well open to: 30 ft (38–40) 30 Depth to top of: ft (41–43)

MINOR AQUIFER: system, series (44–45) aquifer, formation, group (46–47)

Lithology: (48–49) Origin: (50) Aquifer Thickness: ft

(51–53) Length of well open to: ft (54–56) Depth to top of: ft (57–59)

Intervals Screened: (2½") 410-420; 494-514 SS 14ga

Depth to consolidated rock: ft (60–63) Source of data: (64)

Depth to basement: ft (65–68) Source of data: (69)

Surficial material: (70–71) Infiltration characteristics: (72)

Coefficient Trans: gpd/ft (73–75) Coefficient Storage: (76–78)

Coefficient Perm: gpd/ft^2; Spec cap: gpm/ft; Number of geologic cards: (79)

0 – 4' – top soil
4 – 235 – uncon. clay + shale
235 – 250 – Sand, fine
250 – 310 – clay
310 – 340 – sand
340 – 405 – clay
405 – 422 – Sand
422 – 486 – Clay + soft shale
486 – 514 – sand

0 – 400' 4" csg.
2½" – from 400 to batt.

cemented from 350' to 400'

Well No. LJ-65-13-946

GPO 857-700

Send original copy by certified mail to: Texas Water Co[redacted]ion, P.O. Box 13087, Austin, Texas 78711 [redacted] Please use black ink.

(2)

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER Gayla Industries (Name) ADDRESS Po Box 420800 6401 Antoine (Street or RFD) Houston (City) TX (State) 77242 77091 (Zip)

2) LOCATION OF WELL: 6401 Antoine
County Harris . _____ miles in _____ (NE, SW, etc.) direction from _____ (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☑ SEE ATTACHED MAP

0065-12-1

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☑ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____ ☐ Driven

6) WELL LOG:
Date Drilling: Started 3/2 1990 Completed 3/7 1990

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	358
3 7/8	358	420

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	18	Top Soil + Clay
18	35	Surface Sand
35	133	Clay
133	170	Sand
170	180	Clay
180	220	Sand + Rock
220	240	Clay
240	257	Sand
257	283	Clay
283	372	Sand

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	N	Galv. Steel	0	358	
2 1/2	N	Galvanized	349	410	
2 1/2	N	PVC	410	420	.016

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used _____
258 ft. to 358 ft. No. of Sacks Used _____
Method used Halliburton
Cemented by Bussell & Son Inc

RECEIVED AUG 7 1990 TEXAS WATER COMMISSION

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

11) WATER LEVEL:
Static level 242 ft. below land surface Date 3/7/90
Artesian flow _____ gpm. Date _____

15) WATER QUALITY:
Did the drilling penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

12) PACKERS:

Type	Depth
K-Packer	349

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Bussell & Son Inc (Type or print) WELL DRILLER'S LICENSE NO. 2035

ADDRESS P.O. Box 874 (Street or RFD) Tomball (City) TX (State) 77375 (Zip)

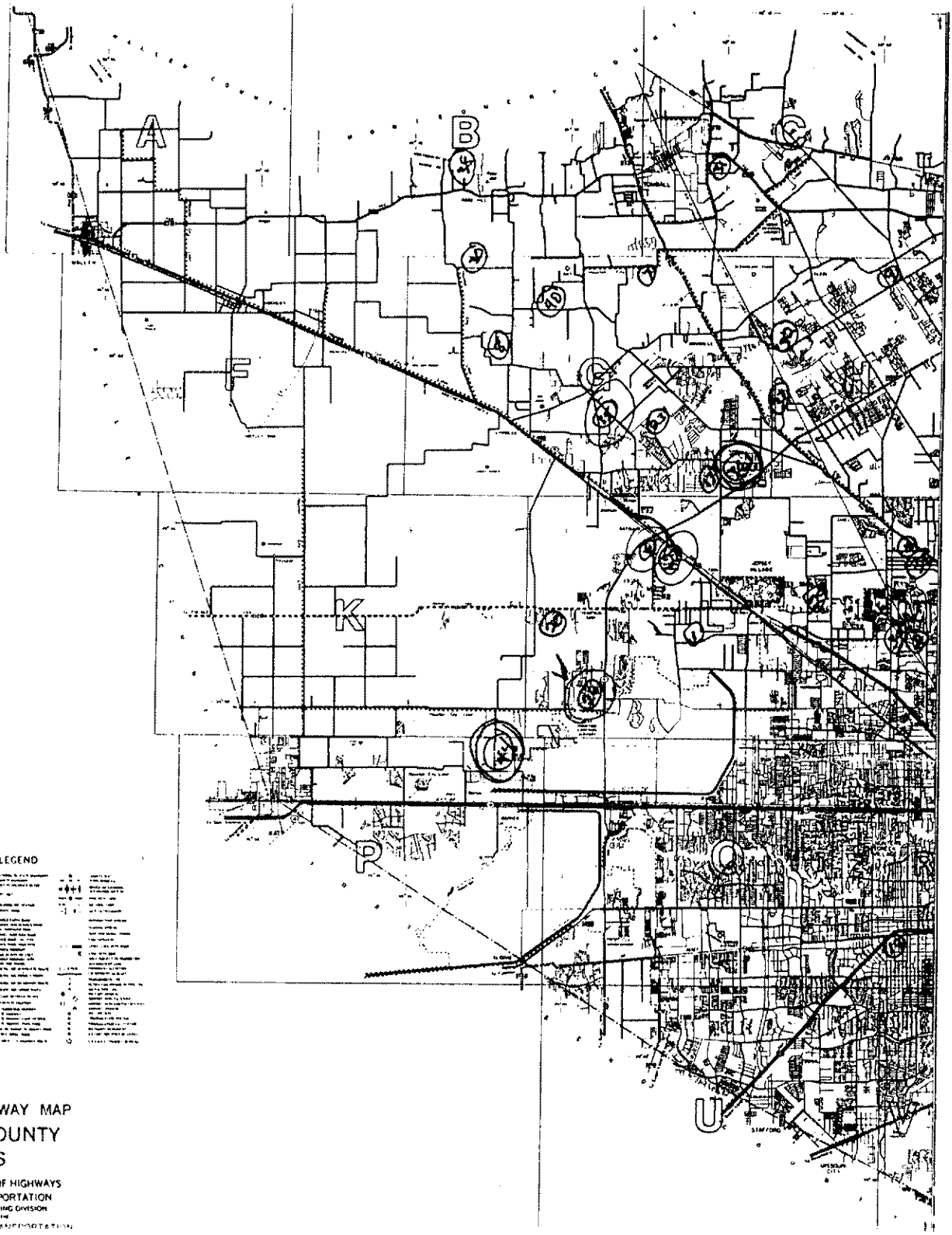
(Signed) Craig Bussell (Licensed Well Driller) (Signed) David L Young (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 65-13-1 Located on map _____

WWD-012 (Rev. 09/21/88)

TEXAS WATER COMMISSION COPY



GHWAY MAP
COUNTY
KAS
NT OF HIGHWAYS
ANSPORTATION
LANNING DIVISION

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING PRIVILEGE OF CONFIDENTIALITY

The Water Well Drillers Board and the Texas Water Commission are concerned that some persons having wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every licensed water well driller drilling, deepening or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within 60 days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. Each copy of a well log, other than a Commission copy, shall include the name, mailing address, and telephone number of the Board and the Commission. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential.

From (ft.)	To (ft.)	Description and color of formation material
372	408	CLAY
408	420	SAND

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 13 117 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 51 33 Longitude - 95 28 25 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Gayla Industries, Inc. Driller - Ellis Water Well Service

Address _____ Tenant/Oper. _____
Date Drilled - / /1969 Depth - 318 ft. Source of Depth - Altitude - 169 ft. Source of Alt. -
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User -

WELL CONSTRUCTION Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) Setting(feet) From To

LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages _____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- DOMESTIC Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data-

WATER LEVELS Date- 06/14/1969 Measurement- -169.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 09/30/2002

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB R178: Screen from 306 to
318 ft.
Yield: 20 gpm when drilled.

STATE OF TEXAS WELL REPORT for Tracking #174930

Owner:	**Gayla Industries**	Owner Well #:	**Well #2**
Address:	**P.O. Box 920800 Houston, TX 77292**	Grid #:	**65-13-1**
Well Location:	**6401 Antoine Houston, TX**	Latitude:	**29° 51' 31" N**
		Longitude:	**095° 28' 26" W**
Well County:	**Harris**	Elevation:	**No Data**

****This well has been plugged**** **Plugging Report Tracking #175341**

Type of Work: **New Well** Proposed Use: **Domestic**

Drilling Start Date: **11/10/2004** Drilling End Date: **11/11/2004**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**6.75**	**0**	**410**
	3.875	**410**	**420**

Drilling Method: **Mud (Hydraulic) Rotary**

Borehole Completion: **Straight Wall**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**115**	**25**
	380	**410**	**5**

Seal Method: **Tremmie / Halliburton**

Sealed By: **Bussell & Sons**

Distance to Property Line (ft.): **< 50**

Distance to Septic Field or other concentrated contamination (ft.): **> 50**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Surface Sleeve Installed**

Water Level: **200 ft.** below land surface on **2004-11-11** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **Submersible** Pump Depth (ft.): **273**

Well Tests: **Jetted** **Yield: 40 GPM**

	Strata Depth (ft.)	Water Type
Water Quality:	**No Data**	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Bussell & Sons LLC**

P.O. Box 874
Tomball, TX 77377

Driller Name: **Craig Bussell** License Number: **2035**

Apprentice Name: **Jason Beam** Apprentice Number: **1181**

Comments: **$mew**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**61**	**Red Clay**
61	**83**	**Sand**
83	**285**	**Clay**
285	**420**	**Sand**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
4	**New**	**Galvanized Casing**	**0 - 410**
2.5	**New**	**Galvanized Liner**	**405 - 410**
2.5	**New**	**S.S.R.B.**	**410 - 420 .012**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Send original copy by certified return receipt requested mail to: **TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087**

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** TOM LANE (Name) **ADDRESS** 5305 IRVINGTON HOU TX 7702 (Street or RFD) (City) (State) (Zip)

2) **ADDRESS OF WELL:** County HARRIS SAME (Street, RFD or other) (City) (State) (Zip) **GRID #** 65 14-4

3) **TYPE OF WORK (Check):** ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☐ Monitor ☐ Environmental Soil Boring ☒ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N

6) **WELL LOG:**
Date Drilling:
Started 7/10 **19** 98
Completed _____ **19** ____

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
4 1/2	Surface	47

7) **DRILLING METHOD (Check):** ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other _____

From (ft.)	To (ft.)	Description and color of formation material
0	22	WHITE CLAY
22	32	RED CLAY
32	47	WHITE SAND

(Use reverse side of Well Owner's copy, if necessary)

8) **Borehole Completion (Check):** ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☒ Gravel Packed ☐ Other _____
If Gravel Packed give interval ... from 37 ft. to 47 ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
2	N	Plastic CASE	0	37	SCH 40
2	N	Plastic SCREEN	37	47	.006

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from 0 ft. to 37 ft. No. of sacks used 9
_____ ft. to _____ ft. No. of sacks used _____
Method used Pressure
Cemented by Raymond Services, Inc.
Distance to septic system field lines or other concentrated contamination 150 ft.
Method of verification of above distance Customer

10) **SURFACE COMPLETION**
☐ Specified Surface Slab Installed [Rule 338.44(2)(A)]
☒ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) **WATER LEVEL:**
Static level 6 ft. below land surface Date 7/10/98
Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type Depth
NONE

13) **TYPE PUMP:**
☐ Turbine ☒ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) **WELL TESTS:**
Type test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 5 gpm with 10 ft. drawdown after 1 hrs.

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Services, Inc. (Type or print) **WELL DRILLER'S LICENSE NO.** 4577WI

ADDRESS 10011 Airline Drive (Street or RFD) Houston (City) TX (State) 77037 (Zip)

(Signed) _____ (Licensed Well Driller) **(Signed)** _____ (Registered Driller Trainee)

FILED MAR 1 0 1999

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 05-21-96) *White - TNRCC* *Yellow - DRILLER* *Pink - WELL OWNER* 48201245 87

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-14-415

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6514415
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.808612
Latitude (degrees minutes seconds)	29° 48' 31" N
Longitude (decimal degrees)	-95.363334
Longitude (degrees minutes seconds)	095° 21' 48" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCTU - Chicot Aquifer, Upper
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	61
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	191
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1953
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Public Supply
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	W. E. Emerson
Driller	Briggs Pump Service
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178: Screen from 181 to 191 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

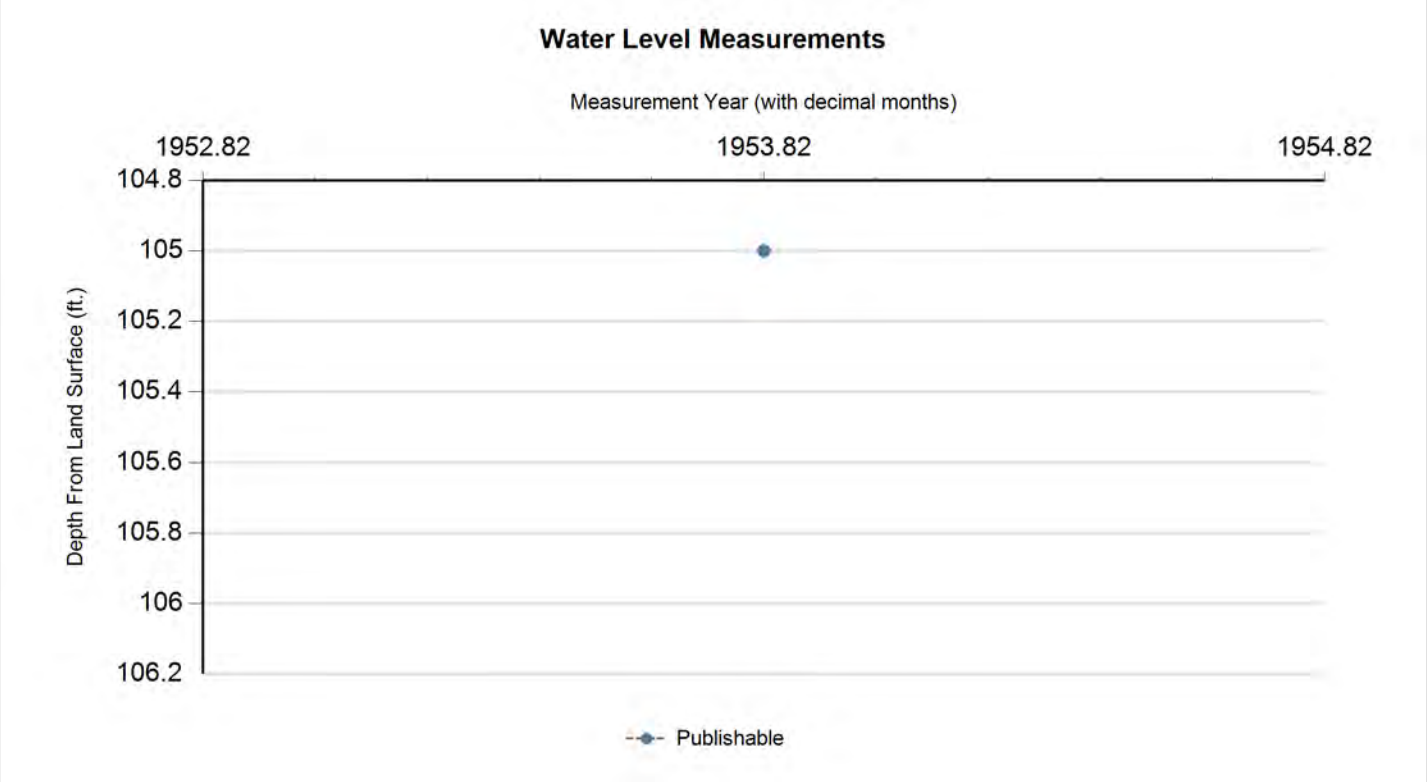
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	9/0/1953		105		-44	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

(30)

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-14-7?
Located on map yes
Received: 75
dle

1) OWNER:
Person having well drilled Gifford-Hill Americas, Inc. (Name) Address PO Box 47127 (Street or RFD) Dallas (City) Texas (State) (75347)

Landowner Gifford Hill (Name) Address Irvington (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris, _____ miles in _____ direction from _____ (N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

IRVINGTON

Irvington 65-31-24

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic Industrial ✓ Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 9" in. Depth drilled 552 ft. Depth of completed well 552 ft. Date drilled 8/19/74

All measurements made from 4 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil
3	405	Clay
405	440	Sand
440	453	Clay
453	480	Sand
480	490	Clay
490	504	Sand
504	508	Clay
508	524	Sand

(Use reverse side if necessary)

9) Casing:
Type: Old New ✓ Steel ✓ Plastic Other
Cemented from 0 ft. to 454' ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
6	0	454	40
4	454	490	30
4	504	508	30

10) SCREEN:
Type SSR.
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
4	490	504	.016
4	508	524	.016

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 264 ft. below land surface Date 8/23/74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 354 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No ✓
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Carl Bussell (Type or Print) Water Well Drillers Registration No. 1581

ADDRESS 9739 N Houston-Rosslyn (Street or RFD) Houston (City) Texas (State)

(Signed) Carl Bussell (Water Well Driller), Bussell & Son, Inc (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

4820113771

Send original copy by certified return receipt requested mail to:

TNRCC
MC 177
P.O. Box 13087
Austin, TX 78711-3087

State of Texas
PLUGGING REPORT

(This form must be completed and filed with the TNRCC within 30 days following the date the well is plugged as required by current statutory law.)

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER City OF Houston (Heights #15SB) (Name) ADDRESS 105 Sabine Street (Street or RFD) HOuston, Texas (City) (State) 77007 (Zip)

2) ADDRESS OF WELL:
County Harris 6405 Yale (Street, RFD or other) HOuston, Texas (City) (State) (Zip) GRID # 65-13-3

3) OWNER'S WELL NO: Heights 15SB

4) WELL TYPE (Check): [X] Water [ ] Monitor [ ] Injection [ ] De-watering

5)

Driller, Pump Installer, or Landowner performing the plugging operations **must** locate and identify the location of the well within a specific grid on a full scale-gridded County map available from the TNRCC/Installers Certification Program. The location of the well should be denoted within the grid by placing a corresponding dot in the grid to the right. The legal description section below is optional.

[ ] LEGAL DESCRIPTION:

Section No. _____ Block No. _____ Township _____

Abstract No. _____ Survey Name _____

Distance and direction from two intersecting section lines or survey lines: _____

N

B. HISTORICAL DATA ON WELL TO BE PLUGGED (if available)

6) Driller H. Thompson License No. _____ City _____

7) Drilled 4-25 19 84; 8) Diameter of hole 34" inches; 9) Total depth of well 650 feet.

C. CURRENT PLUGGING DATA

10) Date well plugged 9-12, 19 97.

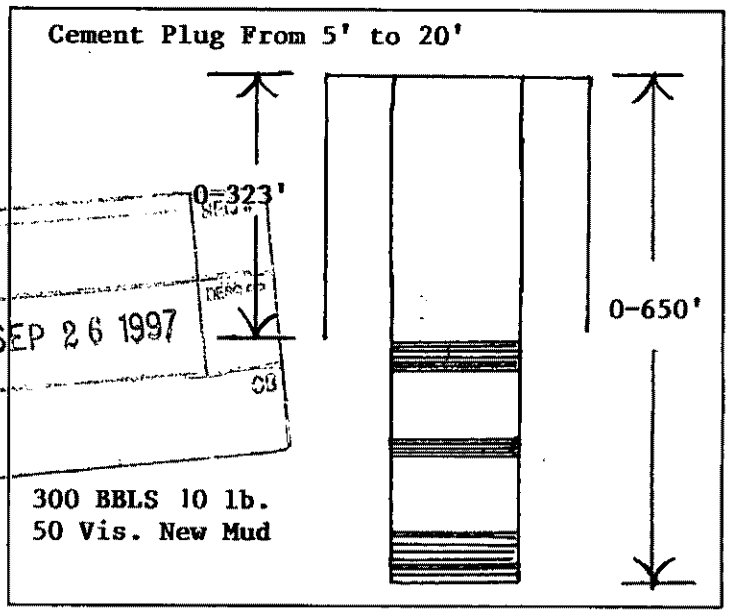
11) Sketch of well: Using space at right, show method of plugging the well including all casing and cemented intervals.

12) Name of Driller/Pump Installer actually performing the plugging operations
Rick Martindale
License number 4417 KT

13) Casing and cementing data relative to the plugging operations:

DIAMETER (inches)	CASING LEFT IN WELL FROM (feet)	CASING LEFT IN WELL TO (feet)
24"	0	323
18"	0	650

CEMENT PLUG(S) PLACED IN WELL FROM (feet)	TO (feet)	SACK(S) OF CEMENT USED
5	20	24



FILE ID
SEP 26 1997
EMP #
COMMENT

D. VALIDATION OF INFORMATION INCLUDED IN FORM

I hereby certify that this well was plugged by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 13 will result in the report(s) being returned for completion and resubmittal.

Company or Individual's Name *(type or print)* Alsay Incorporated

Address: Street or RFD 6615 Gant City Houston State Texas Zip 77066

Signatures:

Rick Martindale — Licensed Driller/Pump Installer — 9-12-97 Date

Kathlie S. Bullock — Owner of Well — 9/18/97 Date

Rick Martindale — Trainee/Apprentice — Date

White - TNRCC Yellow - Well Owner Pink - Licensed Well Driller/Pump Installer

TNRCC-0055 (Rev. 05-21-96)

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-301

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by G. McAdoo Noffel-Gabysch (1961) Source of data File Date 2-15-68 Map 1:24000 Houston Heights 1955

State Texas [48] County (or town) Harris [LJ]

Latitude: 29 51 34 N S Longitude: 095 24 12 Sequential number: 1

deg min sec degrees min sec

Lat-long accuracy: 1 T. ___ N S, R ___ E W, Sec ___, ___ ¼, ___ ¼, ___ ¼

Local well number: LJ-65-13-301 Other number: B & M #15

Local use: Owner or name: City of Houston

Owner or name: CITY OF HOUSTON Address: Heights #15

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [M]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mud, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other abd. late '75 [P]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [U]

DATA AVAILABLE: Well data [1] Freq. W/L meas.: ANNUAL 1950 — [S] Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 4-10-50 [I] Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: E-Log (0-2810) T-3 [E]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1980 ft 1980 Meas. rept. Driller accuracy [3]

Depth cased (first perf.) 700 ft 700 Casing type: S; Diam. 24-12 in [24]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other [G]

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other [H]

Date Drilled: 2-6-50 950 Pump intake setting: ft

Driller: Texas Water Wells Inc. Houston, Texas

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other [N] Deep Shallow [D]

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 200 [V] Trans. or meter no.

Descrip. MP ___ ft above below LSD. Alt. MP

Alt. LSD: 85 85 Accuracy (source): Topo 5' [3]

Water Level ___ ft above below MP; Ft above below LSD Accuracy: meas. [A]

Date meas: July 6, 1950 Yield: 2475 gpm 2475 Method determined [4]

Drawdown: ___ ft Accuracy: meas. [0] Pumping period 96 hrs

QUALITY OF WATER DATA: Iron ___ ppm Sulfate ___ ppm Chloride ___ ppm Hard. ___ ppm

Sp. Conduct ___ K x 10^6 Temp. ___ °F Date sampled

Taste, color, etc.

Well No. LJ-65-13-301

Well No. LT-65-13-301

Latitude-longitude 29 , 51 , 34 (N) 095 , 24 , 12 , 1
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: Coastal Plain (20–21) 03 Section: _____

F (22) Drainage Basin: _____ (23–25) 511R Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series (28–29) T _____ aquifer, formation, group (30–31) E

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: 325 ft (38–40) 325 Depth to top of: _____ ft (41–43)

MINOR AQUIFER: _____ system, _____ series (44–45) _____ aquifer, formation, group (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: * 700 - 1680

Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

Coefficient Trans: ✓ _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: ✓ _____ gpd/ft²; Spec cap: ✓ _____ gpm/ft; Number of geologic cards: _____ (79)

USGS made recovery test

* Screen
700 - 720 20
760 - 785 25
940 - 1010 70
1200 - 1290 90
1480 - 1560 80
1640 - 1680 40

C59.
0-620 - 24"
520-1980 - 12"

2210 - 2300 Later plugged back to 1980'.
Well flowed when drilled

Drill stem test
from:
2705 - 2810' - Cl - 2010 ppm
2260 - 2301' - Cl - 106 ppm
1245 - 1291' - Cl - 58 ppm

Well No. LT-65-13-301

GPO 857-700

TEXAS DEPARTMENT OF WATER RESOURCES

WELL SCHEDULE

Aquifer(s)_____ Project No._____ State Well No. 65-13-322

_____ Field No./Owner's Well No. 15A County Harris

1. Location: ___ ¼, ___ ¼, Section ___, Block ___, Survey _____, Lat. _____, Long. _____

2. Owner: City of Houston Address: _____

Tenant (other): Heights Address: _____

Driller: _____ Address: _____

3. Land Surface Elevation: 78 ft. above msl determined by _____

4. Drilled: _____ 19___; Dug, Cable Tool, Rotary, Air, _____

5. Depth: Rept. _____ ft. Meas. _____ ft.

6. Borehole Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed

7. Pump: Mfr. _____ Type _____

No. Stages _____, Bowls Diam. ___ in., Setting _____ ft.

Column Diam. _____ in., Length Tailpipe _____ ft.

8. Motor: Mfr. _____ Fuel _____ HP. ___

9. Yield: Flow ___ gpm, Pump ___ gpm, Meas., Rept., Est. ___ Date ___

10. Performance Test: Date _____ Length of Test ___ Made by _____

Static Level ___ ft. Pumping Level ___ ft. Drawdown ___ ft.

Production _____ gpm Specific Capacity _____ gpm/ft.

11. Quality: (Remarks on taste, odor, color, etc.) _____

Analyses

Date _____ Laboratory _____ TDS ___ Sp Cond ___

Date _____ Laboratory _____ TDS ___ Sp Cond ___

12. Other data available (as circled): Pumping Test, Power & Yield Test, Drillers Log, Formation Samples, Geophysical Log(s) _____ (type)

13. Water Level(s): 439.50 ft. ~~rept.~~ meas. 1/14 19 82 above/below _____ which is ___ ft. above/below Land Surface

_____ ft. rept./meas. _____ 19___ above/below _____ which is ___ ft. above/below Land Surface

14. Use: Dom., Stock, Public Supply, Ind., Irr., Observation, Other (Test Hole, Oil Test, etc.) _____

15. Recorded by: _____ Source of data: _____ Date: _____

16. Remarks: _____

17. Location or Sketch:

CASING, BLANK PIPE & WELL SCREEN Cemented From ___ ft. to ___ ft.			
Diam. (in.)	Type	Setting (feet) from	to
		752	1665

W/L Obs. Well ✓ W/Q Obs. Well ___

State Well No. 65-13-322

TDWR-0308

WRD Exp. (GW) April 1966

Well No. LJ-65-13-322

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by L.S. COPLIN; Source of data D-RECORDS; Date 12-13-82; Map HOUSTON HEIGHTS-1967 1:24,000

State TEXAS 48; County (or town) HARRIS 201; LJ

Latitude: 295130N; Longitude: 0952412; Sequential number: X

Lat-long accuracy: 2; T ___ S, R ___ W, Sec ___

Local well number: LJ-65-13-322; Other number: HEIGHTS #15A

Local use: ___; Owner or name: CITY OF HOUSTON

Owner or name: CITY OF HOUSTON; Address: 6405 YALE AT PARKER RD.

Ownership: (C) (F) (M) (N) (P) (S) (W) County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist — M

Use of water: (A) (B) (C) (D) (E) (F) (H) (I) (M) (N) (P) (R) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Mud, Ind, P S, Rec, (S) (T) (U) (V) (W) (X) (Y) (Z) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other — P

Use of well: (A) (D) (G) (H) (O) (P) (R) (T) (U) (W) (X) (Z) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. — W

DATA AVAILABLE: Well data; Freq. W/L meas.: ___; Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 5-28-81; Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: E-LOG 7-61 D-LOG — E D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD; Depth well: 1675 ft; 1675 Meas. rept; D-LOG accuracy — 3

Depth cased (first perf.): 682 ft; 682; Casing type: S; Diam. 24-18-14 in — 24

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, sd. pt., (T) shored, (X) open hole, (Z) other — G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other — H

Date Drilled: 2-27-81; 981; Pump intake setting: 570 ft; 570

Driller: LAYNE TEXAS CO., HOUSTON TEXAS

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, cent., (M) multiple, turb., (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other — T; Deep / Shallow — D

Power (type): diesel, (elec) nat gas, gasoline, hand, gas, wind; H.P. LP; Trans. or meter no.

Descrip. MP; above / below LSD, Alt. MP

Alt. LSD: 78; 78; Accuracy (source): T&S — 3

Water Level: 395 ft above/below MP; Ft above/below LSD; 395; Accuracy: REPT. — D

Date meas.: 5-26-81; 581; Yield: 2513 gpm; 2513; Method determined

Drawdown: 73 ft; 73; Accuracy: REPT. — 3; Pumping period: 48 hrs; 48

QUALITY OF WATER DATA: Iron ppm; Sulfate ppm; Chloride ppm; Hard. ppm

Sp. Conduct K x 10^6; Temp. °F; Date sampled

Taste, color, etc.

Well No. LJ-65-13-322

REPLACEMENT WELL FOR LJ-65-13-301 (HEIGHTS #15) [redacted]

Well No. LJ-65-13 322

Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: COASTAL PLAIN 03 Section:

F Drainage Basin: Subbasin:

Topo of well site: (D) (C) (E) (F) (R) (K) (L)
depression, stream channel, dunes, flat, hilltop, sink, swamp,
(O) (P) (S) (T) (U) (V)
offshore, pediment, hillside, terrace, undulating, valley flat F

MAJOR AQUIFER: system, series, EVANGELINE aquifer, formation, group E

Lithology: Origin: Aquifer Thickness: ft

Length of well open to: 436 ft 436 Depth to top of: ft

MINOR AQUIFER: system, series, aquifer, formation, group

Lithology: Origin: Aquifer Thickness: ft

Length of well open to: ft Depth to top of: ft

Intervals Screened: *

Depth to consolidated rock: ft Source of data:

Depth to basement: ft Source of data:

Surficial material: Infiltration characteristics:

Coefficient Trans: gpd/ft Coefficient Storage:

Coefficient Perm: gpd/ft ; Spec cap: gpm/ft; Number of geologic cards:

24" CSG. 10 - 665

18" LINER 589 - 682

* 18" SSWW 682 - 710 .040

18" LINER 710 - 748

14" LINER 749 - 752

14" SSWW 752 - 782 30 .040

878 - 898 20

926 - 952 26

958 - 996 38

1006 - 1031 25

1049 - 1064 15

1079 - 1115 36

1127 - 1167 40

1187 - 1221 34

1223 - 1261 38

1263 - 1277 14

1366 - 1381 15

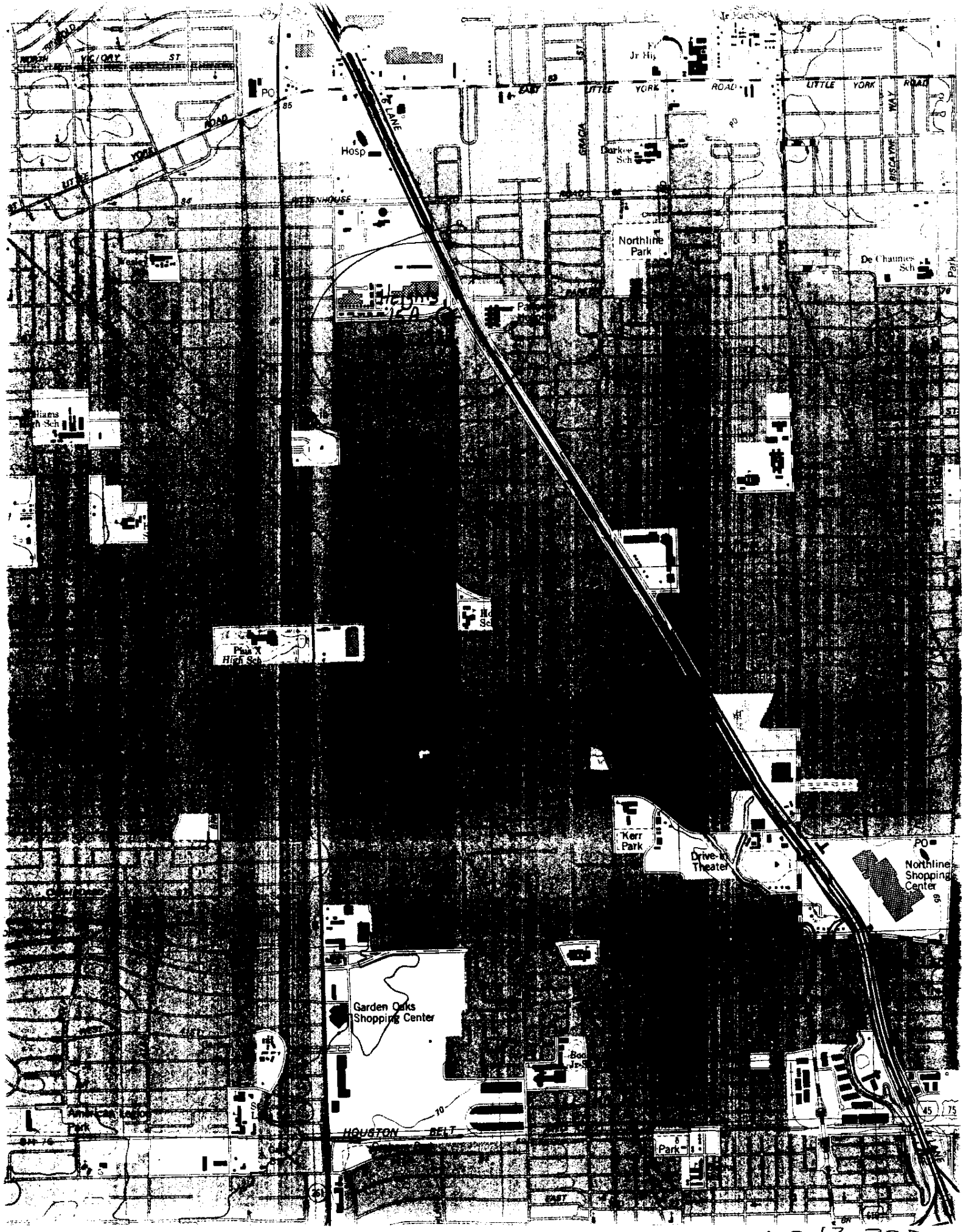
1465 - 1502 37

1504 - 1532 28

1625 - 1665 40 436'

LJ-65-13-322

GPO 857-700


LITTLE YORK ROAD
LITTLE YORK WAY
EAST
Hosp
Darkee Sch
Northline Park
De Chaunies Sch
Pius X High Sch
Kerr Park
Drive-In Theater
Northline Shopping Center
Garden Oaks Shopping Center
HOUSTON BELT
Park

65-13-322

Texas Water Development Board

Chemical Water Analysis Report

GWR- EZ-1990 1561
(Anions)

TWDB Use Only
Work No. 320-3202
IAC No. _____

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: Phil Nordstrom
State Well Number: 6513322
County: Harris
Date & Time: 6/12/90 9:30
Owner: City of Houston - Heights #15A
☑ Send Copy To Owner Attn: Tony Baker
Address: P.O. Box 1560 - Houston, Tx. 77251
Sampled After Pumping: POA Hours
Date Drilled: _____ Depth: _____
Yield: _____ GPM ☐ Measured ☐ Estimated
Collection Point: Faucet pH 7.73
Use: PS Temperature: 27.0 °C
By: E. Zapata
Specific Conductance: 635

Requested Chemical Analysis

Laboratory No. [redacted] Date Received: JUN 15 1990 Date Reported: JUL 19 1990

THD-Sample No. EB0 1623 Date Received 06/15/90 Date Reported 07/18/90

		MG/L
Silica	(00955)	21
P.Akalinity	(00415)	0
T.Akalinity	(00410)	210
Sulfate	(00946)	10
Chloride	(00941)	54
Fluoride	(00950)	0.46
Iodide	(71865)	< 0.1
Boron	(*****)	0.25
Bromide	(71870)	< 0.01

890091-C

Texas Water Development Board

Chemical Water Analysis Report

HM- EZ .1990. 1561

HM = Heavy Trace and Alkaline-Earth Metals

TWDB Use Only

Work No. 320-3202

IAC No. _____

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: Phil Nordstrom

State Well Number: 65 13 322

County: Harris

Date & Time: 6/12/90 9:30

Owner: City of Houston - Heights #15A

☑ Send Copy To Owner Attn: Tony Baker

Address: P.O. Box 1562 - Houston, Tx. 77251

Sampled After Pumping: POA Hours

Date Drilled: _____ Depth: _____

Yield: _____ GPM ☐ Measured ☐ Estimated

Collection Point: Faucet pH 7.73

Use: PS Temperature: 27.0 °C

By: R. Zapata

Specific Conductance: 635

Requested Chem[redacted]

Laboratory No.: [redacted]

Date Received: JUN 15 1990

Date Reported: JUL 18 1990

NEW PUNCHED

		me/l	mg/l			me/l	mg/l
Calcium	(00915)		35	Sodium	(00930)		85
Magnesium	(00925)		7.5	Potassium	(00935)		3.0

		µg/l			µg/l
Aluminum	(01106)	<50	Manganese	(01056)	<20
Arsenic	(01000)	<10	Mercury	(71890)	<0.2
Barium	(01005)	267	✓ Molybdenum*	(01062)	<20
Cadmium	(01025)	<10	Selenium	(01145)	3
Chromium	(01030)	<20	Silver	(01075)	<10
Copper	(01040)	<20	✓ Strontium*	(01080)	560
Iron	(01046)	28	✓ Vanadium*	(01085)	<20
Lead	(01049)	<50	Zinc	(01090)	<20

* Do not analyze unless it is checked.
Note: Crossout those elements not to be analyzed.

Hardness = 118
TDS = 342

890091-E

Texas Water Development Board

Chemical Water Analysis Report

GWN- EZ -1990-1561
(Nitrogen Cycle)

TWDB Use Only
Work No. 320-3202
IAC No.

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: Phil Nordstrom
State Well Number: 6513322
County: Harris
Date & Time: 6/12/90 9:30
Owner: City of Houston - Heights #15A
☑ Send Copy To Owner Attn: Tony Baker
Address: P.O. Box 1560 - Houston, Tx. 77251
Sampled After Pumping: POA Hours
Date Drilled: Depth: Yield: GPM ☐ Measured ☐ Estimated
Collection Point: Faucet pH 7.73 Use: PS Temperature: 27.0 °C
By: E. Zapata
Specific Conductance: 635

Requested Che[redacted]

Laboratory No.: [redacted] Date Received: JUN 15 1990 Date Reported: JUN 27 1990

DAILY PUMPED

THD-Sample No. EB0 1525 Date Received 06/15/90 Date Reported 06/26/90

		MG/L
Nitrate as N	(00618)	0.03
KJE as N	(00623)	< 0.1

		MG/L
Ammonia as N	(00608)	0.04
Nitrite as N	(00613)	< 0.01
Orthophosphate as P	(00671)	0.01

*Note: To convert NO_3-N to NO_3, multiply by 4.427.

890091-D

Texas Water Development Board

Chemical Water Analysis Report

MISC- EL-1990-1561

TWDB Use Only
Work No. 320-3202
IAC No.

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: _____ State Well Number: 65 13 322

County: _____ Date & Time: 6/12/90

Owner: _____ ☐ Send Copy To Owner

Address: _____ Sampled After Pumping: _____ Hours

Date Drilled: _____ Depth: _____ Yield: _____ GPM ☐ Measured ☐ Estimated

Collection Point: _____ pH _____ Use: _____ Temperature: _____ °C

By: _____ Specific Conductance: _____

Requested Che[redacted]

Laboratory No.: [redacted] Date Received: JUN 15 1990 Date Re[redacted]ted: JUN 27 1990

THD-Sample No. EB0 1609 Date Received 06/15/90 Date Reported 06/26/90

		MG/L	MG/L
TOC	(00680)	< 1	

890091-A

Texas Water Development Board

Chemical Water Analysis Report

RAD - BZ - 1990 - 1561
RAD = Radioactivity Sample

TWDB Use Only
Work No. 320-3202
IAC No. _____

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: Phil Nordstrom
State Well Number: 65 13 322
County: Harris
Date & Time: 6/12/90 9:30
Owner: City of Houston - Heights #15A
☑ Send Copy To Owner Attn: Tony Baker
Address: P.O. Box 1560 - Houston, Tx. 77251
Sampled After Pumping: POA Hours
Date Drilled: _____ Depth: _____ Yield: _____ GPM ☐ Measured ☐ Estimated
Collection Point: Faucet pH 7.73 Use: PS Temperature: 27.0 °C
By: E. Zapata
Specific Conductance: 635

Requested Chemical Analysis

Laboratory No.: [redacted] Date Received: [illegible] Date Reported: [illegible]

KEY PUNCHED

Alpha	(01503)	7.2 ± 2.8	pCi/l
Beta	(03503)	< 6.0	pCi/l
Radium 226	(09503)	2.2 ± 0.3	pCi/l
Radium 228	(81366)	< 1.0	pCi/l
Total Radium*	(11500)		pCi/l
Thorium*	(26403)		pCi/l
Uranium*	(22703)		pCi/l

* Do not analyze unless it is checked *yes*.

890091-F

Water Quality Field Data

SWN: 65-13-322
County: HARRIS
Aquifer(s): 121EVGL

Name: CITY OF HOUSTON
Address: 105 SABINE
HOUSTON 77007
owner's well # HEIGHTS 15A

Sample No. 1211
Date: 6-10-97
By: BIRI

Bottle1	Bottle 2	Bottle 3	Bottle 4	Bottle 5	Bottle 6	Bottle 7	Total SUB-Samples
500 ml Anions	1 liter Cations	250 ml Nitrate	1 liter Radioactivity				
	2 ml HNO (Nitric)	0.5 ml H SO (Sulfuric)	2 ml HNO (Nitric)				All filtered unless otherwise stipulated

Water Level POA LSD Remark
Temperature (00010) 27.7 c
Specific Conductance (00094) ~~334~~ umhos/cm
pH (00400) 7.64
Eh (00090) -39.6 mv.
Phenol ALK (82244) 0 mg/l
Total ALK (39086) 192 mg/l
Carbonate (00452) 0 meq/l 0 mg/l
Bicarbonate (00453) 3.84 meq/l 234 mg/l
Total Cations(+) Ø
Total Anions (-)
Total Hardness (00900) 120
Dissolved Solids 310

Time in 1430
Time out
Sample time 1445
Weather DRY
well use PUBLIC
Outside Temp 90°
Sampling point @ WELLHEAD

Starting pH 7.64
9.60 ml. of 0.02N to
50 ml. of Sample
Ending pH 4.50

Time:	1433	1436					ml.	pH	ml.	pH	ml.	pH
pH:	7.63	7.64					0	7.64	9.60	4.50		
Temp:	27.7	28.4					1.00	7.17				
Eh:		—	39.6				2.00	6.90				
Cond.	~~335~~	~~334~~					3.00	6.72				
							4.00	6.53				
							5.00	6.37				
							6.00	6.19				
							7.00	6.00				
							8.00	5.75				
							9.00	5.28				

other notes: TURBINE

FINAL ANALYSIS REPORT

LAB ID: 9705039 SAMPLE DESCRIPTION: Groundwater
FACILITY: TWDB SAMPLE DATE: 06/10/97
ACCT NO: SAMPLE TIME: 1445
TX WATER DEV. BOARD

DATE RECEIVED: 06/13/97
REPORT DATE: 08/19/97

LOCATION ID: 65-13-322

PARAMETER	RESULTS	UNITS	STORET #	PQL in WATER	DATE ANALYZED
Alkalinity, Phenol.	<1	mg/L	00415	1	06/16/97
Alkalinity, Total	185	mg/L	00410	1	06/16/97
Bromide	0.30	mg/L	71870	0.05	06/17/97
Chloride	50.5	mg/L	00941	0.1	06/17/97
Fluoride	0.34	mg/L	00950	0.02	06/17/97
Iodide, Laboratory	<0.15	mg/L	71965	0.05	07/10/97
Nit.,Nitrate/Nitrite	0.040	mg/L	00630	0.020	06/27/97
Nitrogen, Kjeldahl	<0.200	mg/L	00623	0.010	06/23/97
Nitrogen, ammonia	<0.100	mg/L	00608	0.010	06/19/97
Silica	21.80	mg/L	00955	0.01	06/24/97
Sulfate	7.88	mg/L	00946	0.10	06/17/97
Aluminum, Dis. ICPMS	<1.5	ug/L	01106	1.0	07/16/97
Antimony, Dis. ICPMS	<1.0	ug/L	01095	1.0	07/16/97
Arsenic, Diss. ICPMS	2.3	ug/L	01000	1.0	07/16/97
Barium, Diss. ICPMS	264.0	ug/L	01005	1.0	07/16/97
Beryllium, Dis ICPMS	<1.0	ug/L	01010	1.0	07/16/97
Boron, Diss. ICPMS	94.7	ug/L	01020	1.0	07/16/97
Calcium, Dissolved	36.40	mg/L	00915	0.50	06/18/97
Cobalt, Diss. ICPMS	<1.0	ug/L	01035	1.0	07/16/97
Copper, Diss. ICPMS	<1.0	ug/L	01040	1.0	07/16/97
Iron-AA, Dissolved	15.60	ug/L	01046	15.00	06/24/97
Lead, Diss. ICPMS	<1.0	ug/L	01049	1.0	07/16/97
Lithium, Diss. ICPMS	15.2	ug/L	01130	1.0	07/16/97
Magnesium, Dissolved	6.96	mg/L	00925	0.05	06/18/97
Manganese, Dis ICPMS	2.5	ug/L	01056	1.0	07/16/97
Molybdenum Dis ICPMS	<1.0	ug/L	01060	1.0	07/16/97
Nickel, Diss. ICPMS	<1.0	ug/L	01065	1.0	07/16/97
Potassium, Dissolved	1.67	mg/L	00935	1.00	06/18/97
Selenium, Dis. ICPMS	<6.0	ug/L	01145	4.0	07/16/97

FINAL ANALYSIS REPORT

LAB ID: 9705039 SAMPLE DESCRIPTION: Groundwater
FACILITY: TWDB SAMPLE DATE: 06/10/97
ACCT NO: SAMPLE TIME: 1445
TX WATER DEV. BOARD

DATE RECEIVED: 06/13/97
REPORT DATE: 08/19/97

LOCATION ID: 65-13-322

PARAMETER	RESULTS	UNITS	STORET #	PQL in WATER	DATE ANALYZED
Sodium, Dissolved	71.10	mg/L	00930	0.10	06/18/97
Strontium, Dis ICPMS	539.0	ug/L	01080	1.0	07/16/97
Thallium, Diss ICPMS	<1.0	ug/L	01057	1.0	07/16/97
Vanadium, Diss ICPMS	16.8	ug/L	01085	1.0	07/16/97
Zinc, Diss. ICPMS	<1.0	ug/L	01090	1.0	07/16/97

COMMENTS: Silica, NH3, TKN, NO3/NO2 subcontracted.

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-323

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513323
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.858612
Latitude (degrees minutes seconds)	29° 51' 31" N
Longitude (decimal degrees)	-95.403612
Longitude (degrees minutes seconds)	095° 24' 13" W
Coordinate Source	+/- 1 Second
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	78
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	650
Well Depth Source	Driller's Log
Drilling Start Date	
Drilling End Date	4/25/1984
Drilling Method	Mud (Hydraulic) Rotary
Borehole Completion	Gravel Pack w/Screen

Well Type	Withdrawal of Water
Well Use	Public Supply
Water Level Observation	Historical Observation Well
Water Quality Available	No
Pump	Turbine
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	City of Houston Well # 15SB
Driller	Layne Texas Co.
Other Data Available	Drillers Log
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	U.S. Geological Survey
Created Date	8/22/1996
Last Update Date	2/8/2005

Remarks	

Casing - No Data

Well Tests - No Data

Lithology - No Data

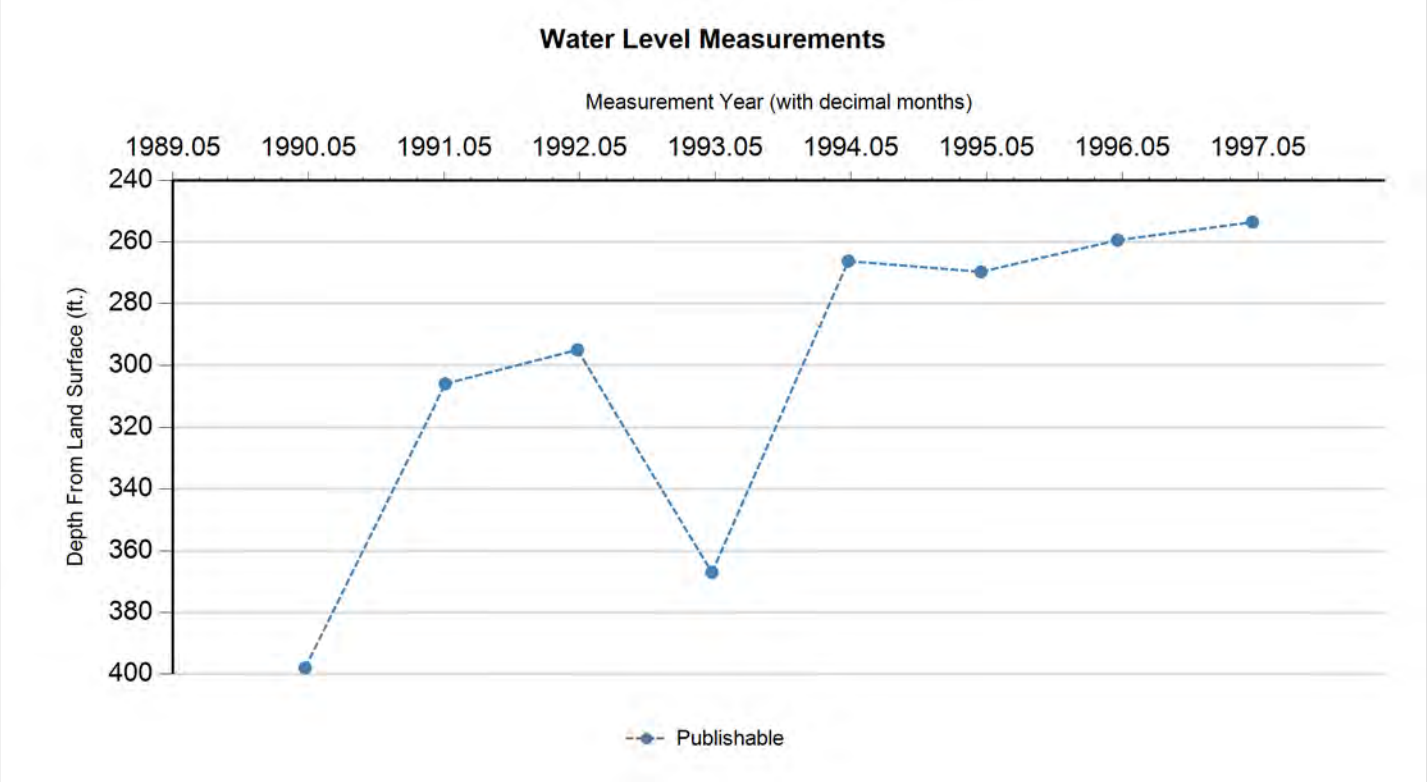
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	1/11/1990		398		-320	1	U.S. Geological Survey	Air Line		
P	1/23/1991		306	(92.00)	-228	1	U.S. Geological Survey	Steel Tape		
P	1/14/1992		295	(11.00)	-217	1	U.S. Geological Survey	Steel Tape		
P	1/11/1993		367	72.00	-289	1	U.S. Geological Survey	Air Line		
P	1/13/1994		266.2	(100.80)	-188.2	1	U.S. Geological Survey	Steel Tape		
P	1/5/1995		269.69	3.49	-191.69	1	U.S. Geological Survey	Steel Tape		
P	1/8/1996		259.41	(10.28)	-181.41	1	U.S. Geological Survey	Steel Tape		
P	1/6/1997		253.56	(5.85)	-175.56	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Send original copy by certified mail to: TNRCC, P.O. Box [redacted] Austin, TX 78711-3087 450Y [redacted] *Please use black ink.*

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** TOM TANNOUS (Name) **ADDRESS** 9254 ELIZABETH STREET (Street or RFD) HOUSTON, (City) TEXAS (State) 77055 (Zip)

2) **ADDRESS OF WELL:** County HARRIS (SAME) (Street, RFD or other) (City) (State) (Zip) **GRID #** 65-12-6

3) **TYPE OF WORK (Check):** [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) **PROPOSED USE (Check):** [ ] Monitor [ ] Environmental Soil Boring [X] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) *

N

6) **WELL LOG:**
Date Drilling:
Started 11/13 19 96
Completed 11/13 19 96

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
3	Surface	45

7) **DRILLING METHOD (Check):** [ ] Driven [ ] Air Rotary [X] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

From (ft.)	To (ft.)	Description and color of formation material
0	35	SURFACE CLAY
35	45	MEDUM COARSE WATER SAND

(Use reverse side if necessary)

8) **Borehole Completion (Check):** [ ] Open Hole [X] Straight Wall [ ] Underreamed [ ] Gravel Packed [ ] Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
2	N	PVC JET STREAM	0	35	40
2	N	PVC SLOTTED	35	45	.012

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from 0 ft. to 10 ft. No. of sacks used 5
____ ft. to ____ ft. No. of sacks used ____
Method used HAND MIXED
Cemented by WELLCO
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance CITY SEWER

RECEIVED JUN 1997 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

10) **SURFACE COMPLETION**
[ ] Specified Surface Slab Installed [Rule 338.44(2)(A)]
[ ] Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
[ ] Pitless Adapter Used [Rule 338.44(3)(b)]
[ ] Approved Alternative Procedure Used [Rule 338.71]

13) **TYPE PUMP:**
[ ] Turbine [X] Jet [ ] Submersible [ ] Cylinder
[ ] Other
Depth to pump bowls, cylinder, jet, etc., 22 ft.

14) **WELL TESTS:**
Type test: [ ] Pump [ ] Bailer [X] Jetted [ ] Estimated
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

11) **WATER LEVEL:**
Static level 18 ft. below land surface Date 11/13/96
Artesian flow ____ gpm. Date ____

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? [ ] Yes [X] No

12) **PACKERS:** Type Depth
NONE

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME WELLCO DRILLING & SERVICE COMPANY (Type or print) **WELL DRILLER'S LICENSE NO.** 315 WI

ADDRESS 5423 LOTUS STREET (Street or RFD) HOUSTON (City) TEXAS (State) 77085-1903 (Zip)

(Signed) [signature] (Licensed Well Driller) **(Signed)** ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-01-94) TNRCC COPY

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-320

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513320
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.852778
Latitude (degrees minutes seconds)	29° 51' 10" N
Longitude (decimal degrees)	-95.392222
Longitude (degrees minutes seconds)	095° 23' 32" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	75
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	380
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1968
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Barney Williams
Driller	H and H Water Well Drilling
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178: Screen from 365 to 380 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

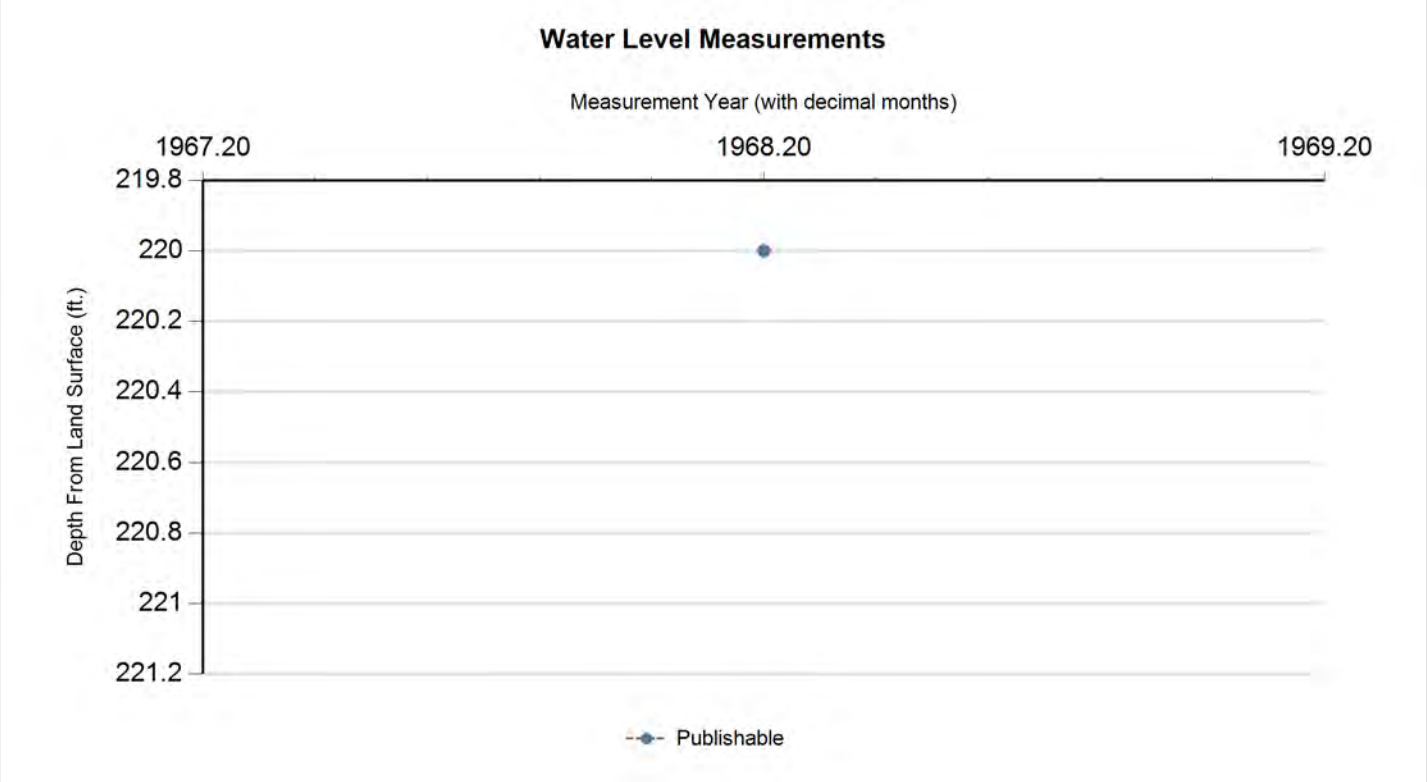
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	3/13/1968		220		-145	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-12-9F
Located on map
Received:

1) OWNER Memorial Villages Water Authority (Name) Address 8955 Gaylord St. (Street or RFD) Houston (City) Texas (State) 77024 (Zip)

2) LOCATION OF WELL:
County Harris 1-1/4 miles XX S. of I-10 (N.E., S.W., etc.) direction from in Piney Point Village (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

[X] Legal description:
Section No. ____ Block No. ____ Township ____
Abstract No. 72.1224F Survey Name John D. Taylor
Distance and direction from two intersecting section or survey lines
on Claymore Road, Fritz Sauer Subdivision
[X] See attached map.

3) TYPE OF WORK (Check):
XX New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) PROPOSED USE (Check)
[ ] Domestic [ ] Industrial [X] Public Supply [ ] Irrigation [ ] Test Well [ ] Other ____

5) DRILLING METHOD (Check):
[X] Mud Rotary [ ] Air Hammer [ ] Driven [ ] Bored [ ] Air Rotary [ ] Cable Tool [ ] Jetted [ ] Other ____

6) WELL LOG
Date drilled 2-81

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
12¼	Surface	1800
26	0	800
34	800	1620

7) BOREHOLE COMPLETION:
[ ] Open Hole [ ] Straight Wall [X] Underreamed
[X] Gravel Packed [ ] Other ____
If Gravel Packed give interval . . . from 800 ft. to 1620 ft.

From (ft.)	To (ft.)	Description and color of formation material
		Memorial Villages Water Well No. 5
		See Attached

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfr., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
20	N	Steel casing	0	800	.375
12	N	Steel Liner	730	1620	.375
12	N	Stainless Steel Wire	810	1610	.035
		Wrapped Screen, Howard			
		Smith Co.			
		Net length 301'			

CEMENTING DATA
Cemented from 0 ft. to 800 ft.
Method used Thru drill pipe
Cemented by Western Co. of N.A. (Company or Individual)

RECEIVED
AUG 2 1982
CR/Tw

9) WATER LEVEL:
Static level 420 ft. below land surface Date 4-81
Artesian flow -0- gpm. Date ____

10) PACKERS: Type Depth
None

11) TYPE PUMP:
[X] Turbine [ ] Jet [ ] Submersible [ ] Cylinder
[ ] Other ____
Depth to pump bowls, cylinder, jet, etc., 580 ft.

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? [ ] Yes XX No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? XX Yes [ ] No

12) WELL TESTS:
[ ] Type Test: [X] Pump [ ] Bailer [ ] Jetted [ ] Estimated
Yield: 2,089 gpm with 520 ft. drawdown after 12 hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME James O'Connor (Type or Print) Water Well Drillers Registration No. 999

ADDRESS 5931 Brittmoore Road (Street or RFD) Houston (City) Texas (State) 77041 (Zip)

(Signed) James O'Connor (Water Well Driller) Layne-Western Company, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

4820111107

Layne-Western Company, Inc. A Marley Company

P.O. Box 79009 · Houston, Texas 77079 · 713/466-5001

DRILLER'S LOG

Memorial Villages Water Authority
Job No. M-1087, Well No. 5
February, 1981

0 - 40	Conductor
40 - 49	Clay
49 - 62	Sandy Clay
62 - 80	Clay
80 - 95	Sand
95 - 126	Clay
126 - 136	Sand
136 - 157	Sandy Clay
157 - 172	Sandy Clay Strks.
172 - 180	Clay
180 - 185	Sandy Clay
185 - 208	Clay and Sand Strks.
208 - 270	Sand, few clay stks.
270 - 287	Hard clay/shale
287 - 292	Sand
292 - 312	Clay
312 - 329	Sand
329 - 349	Shale
349 - 358	Sand
358 - 372	Clay with sand strks.
372 - 411	Sand with clay strks.
411 - 420	Sand
420 - 430	Clay and Sand strks.
431 - 448	Sand and clay strks.
449 - 458	Clay
458 - 466	Sand and Clay strks.
466 - 488	Sand
489 - 495	Clay
496 - 525	Sand
525 - 565	Clay
566 - 596	Sand
597 - 605	Clay
605 - 620	Sand
620 - 665	Clay
666 - 685	Sand
686 - 705	Clay
705 - 730	Sand and Clay strks.
731 - 755	Clay
755 - 770	Clay and sand strks.
770 - 789	Sand
789 - 821	Clay
821 - 835	Sand
835 - 900	Clay
900 - 960	Hard shale
960 - 980	Sand
980 - 989	Clay
989 - 1035	Sand
1036 - 1040	Clay
1040 - 1053	Sand
1054 - 1065	Clay and Sand stks.
1066 - 1071	Clay
1072 - 1082	Sand and clay
1083 - 1130	Sand
1131 - 1140	Clay
1141 - 1163	Sand and Hard strks.
1164 - 1181	Sand
1187 - 1190	Clay
1191 - 1220	Sand and Clay strks.
1221	Clay
1285 - 1314	Clay
1314 - 1321	Limestone
1321 - 1363	Sand and Limestone
1363 - 1370	Clay
1376 - 1400	Sand with Ls strks.
1400 - 1405	Clay
1405 - 1490	Hard Limestone
1491 - 1520	Limestone & sand strks.
1521 - 1432	Sand
1533 - 1595	Limestone & sand strks.
1595 - 1609	Sand
1610 - 1680	Sand & Limestone strks.
1680 - 1720	Clay & Sand strks.
1721 - 1723	Limestone & sand
1724 - 1734	Sand & clay
1734 - 1802	Sand

RECEIVED
AUG 2 1982

ATTACHMENT
WS-12-9F

ATTACHMENT

AUG 2 1982

65-109

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 12 939 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 45 57 Longitude - 95 30 37 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Memorial Villages Water Authority #5 Driller - Layne Western

Address _____ Tenant/Oper. _____
Date Drilled - / /1981 Depth - 1,620 ft. Source of Depth - D Altitude - 72 ft. Source of Alt. -
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 555700

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) Setting(feet) From To

LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- PUBLIC SUPPLY Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- D Other Data-

WATER LEVELS Date- 04/00/1981 Measurement- -420.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 12/ /1988

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -
Owner's well #5. Reported yield
2089 gpm with 100 ft drawdown.

Aquifer - 121EVGL
Well No. - 65 12 939

Attention Owner:
Confidentiality Privilege Notice on reverse side of owner's copy.

Tex[redacted] Department of License and Regulat[redacted]

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
JAMES GRIGGS	9324 GREENSWARD ROAD	HOUSTON	TEXAS	77080

2) WELL LOCATION

County	Physical Address	City	State	Zip
HARRIS	9324 GREENSWARD ROAD	HOUSTON	TEXAS	77080

3) Type of Work
☒ New Well ☐ Deepening
☐ Reconditioning

Lat. | | | Long. | | | Grid # 65-12-6

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☒ Domestic
☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N↑ *

6) Drilling Date
Started 10/ 20 /00
Completed 10/ 20 /00

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
5.50	0	45

7) Drilling Method (check) ☐ Driven
☐ Air Rotary ☒ Mud Rotary ☐ Bored
☐ Air Hammer ☐ Cable Tool ☐ Jetted
☐ Other

From (ft)	To (ft)	Description and color of formation material
0	05	SURFACE TOP SOIL
05	20	GRAY CLAY
20	36	COARSE SAND
36	45	COARSE WATER SAND

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☒ Straight Wall
☐ Under-reamed ☐ Gravel Packed ☐ Other
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
2	N	PVC JET STREAM	0	35	40
2	N	PLASTIC SLOTTED	35	45	.012

9) Cementing Data
Cementing from 25 ft. to 0 ft. # of sacks used 5
ft. to ft. # of sacks used
Method Used HAND MIXED
Cementing By WELLCO
Distance to septic system field or other concentrated contamination 0 ft.
Method of verification of above distance CITY SEWER

13) Plugged N/A ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☒ Approved Alternative Procedure Used

14) Typepump
☐ Turbine ☒ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc., 20 ft.

11) Water Level
Static level 13 ft. below Date 10/20 /00 SEQ #
Artesian Flow gpm. Date / /

15) Water Test
Typetest ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 8 gpm with 2 ft. drawdown after 1 hrs.

12) Packers SMF # Type Depth DESC CO
NONE

NOV 15 2000

16) Water Quality
Did you knowingly penetrate and strata which contain undesirable constituents.
☐ YES ☒ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made ☐ Yes ☒ No

Company or individual's Name (type or print)	WELLCO DRILLING & SERVICE COMPANY		
Address 5423 LOTUS STREET	City HOUSTON	State TEXAS	Zip 77085

Signature (Licensed Driller/Pump Installer)	Date	Signature (Apprentice)	Date
	11/ 02 / 00		/ /

Send original copy by certified return receipt requested mail to: TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: *Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER WILLIAM L. BUTCHER,JR (Name) ADDRESS 9317 GREENSWARD (Street or RFD) HOUSTON, TEXAS (City) (State) 77080 (Zip)

2) ADDRESS OF WELL'S LOCATION: County HARRIS 9317 GREENSWARD (Street, RFD or other) HOUSTON, TEXAS (City) (State) (Zip) Long. ____ Lat. ____ Grid # 65-12-16

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

(4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [X] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) *

6) WELL LOG:
Date Drilling:
Started 3/26 19 99
Completed 3/26 19 99

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
2-7/8	Surface	43

7) DRILLING METHOD (Check): [ ] Driven [ ] Air Rotary [X] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other ____

N

From (ft.)	To (ft.)	Description and color of formation material
0	05	SURFACE SOIL CLAY
05	18	CLAY
18	20	FINE SAND
20	25	SAND CLAY
25	35	ROCK & SAND
35	43	COARSE WATER SAND

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): [ ] Open Hole [X] Straight Wall [ ] Underreamed [ ] Gravel Packed [ ] Other ____
If Gravel Packed give interval from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
2	N	PVC PLASTIC	0	33	40
2	N	PVC SUPER SLOTTED	33	43	.008

9) CEMENTING DATA
Cemented from 0 ft. to 10 ft. No. of sacks used 3
____ ft. to ____ ft. No. of sacks used ____
Method used HAND MIXED
Cemented by WELLCO
Distance to septic system field lines or other concentrated contamination 0 ft.
Method of verification of above distance CITY SEWER

13) [ ] Well plugged within 48 hours

Casing left in well: From (ft)	Casing left in well: To (ft)	Cement/bentonite placed in well: From (ft)	Cement/bentonite placed in well: To (ft)	Sacks used:
		NONE		

14) TYPE PUMP:
[ ] Turbine [X] Jet [ ] Submersible [ ] Cylinder
[ ] Other ____
Depth to pump bowls, cylinder, jet, etc., ____ ft.

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed
[ ] Specified Steel Sleeve Installed
[ ] Pitless Adapter Used
[X] Approved Alternative Procedure Used

15) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [X] Jetted [ ] Estimated
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

11) WATER LEVEL:
Static level 18 ft. below land surface Date 3/26/99
Artesian flow ____ gpm. Date ____

16) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? [ ] Yes [X] No

12) PACKERS: Depth
NONE
CB

FILE ID SEQ # EMP # JUN 03 1999 DESC CO COMMENT

I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME WELLCO DRILLING & SERVICE COMPANY (Type or print) WELL DRILLER'S LICENSE NO. 4729PKW

ADDRESS 5423 LOTUS STREET (Street or RFD) HOUSTON (City) TEXAS (State) 77085 (Zip)

(Signed) ____ (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDLR FORM 001WWD (4/98) *White - TDLR Yellow - DRILLER Pink - WELL OWNER*

Send original copy by certified return receipt request[illegible]il to: TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: *Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER FRANCINE T. TISDALE (Name) ADDRESS 9321 GREENSWARD ROAD (Street or RFD) HOUSTON (City) TEXAS (State) 77080 (Zip)

2) ADDRESS OF WELL'S LOCATION: County HARRIS 9321 GREENSWARD ROAD (Street, RFD or other) HOUSTON (City) TEXAS (State) 77080 (Zip) Long. ____ Lat. ____ Grid # 65-12-16

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

(4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [X] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) *

N

6) WELL LOG:
Date Drilling:
Started 08/19 19 00
Completed 08/19 19 00

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
2-7/8	Surface	43

7) DRILLING METHOD (Check): [ ] Driven [ ] Air Rotary [X] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other ____

From (ft.)	To (ft.)	Description and color of formation material
0	15	SURFACE TOP SOIL
15	22	FINE SAND
22	43	COARSE WATER SAND

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): [ ] Open Hole [X] Straight Wall [ ] Underreamed [ ] Gravel Packed [ ] Other ____
If Gravel Packed give interval from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
2	N	PVC JET STREAM	0	33	40
2	N	PVC SLOTTED SCREEN	33	43	.008

9) CEMENTING DATA
Cemented from 0 ft. to 30 ft. No. of sacks used 4
____ ft. to ____ ft. No. of sacks used ____
Method used HAND MIXED
Cemented by WELLCO
Distance to septic system field lines or other concentrated contamination 0 ft.
Method of verification of above distance CITY SEWER

13) [ ] Well plugged within 48 hours N/A

Casing left in well: From (ft)	Casing left in well: To (ft)	Cement/bentonite placed in well: From (ft)	Cement/bentonite placed in well: To (ft)	Sacks used:

14) TYPE PUMP:
[ ] Turbine [X] Jet [ ] Submersible [ ] Cylinder
[ ] Other ____
Depth to pump bowls, cylinder, jet, etc., 28 ft.

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed
[ ] Specified Steel Sleeve Installed
[ ] Pitless Adapter Used
[X] Approved Alternative Procedure Used

15) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [X] Jetted [ ] Estimated
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

11) WATER LEVEL:
Static level 18 ft. below land surface Date 08/19/00
Artesian flow ____ gpm. Date ____

16) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? [ ] Yes [X] No

12) PACKERS: Type Depth
NONE

I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME WELLCO DRILLING & SERVICE COMPANY (Type or print) WELL DRILLER'S LICENSE NO. 4729PKW

ADDRESS 5423 LOTUS STREET (Street or RFD) HOUSTON (City) TEXAS (State) 77085 (Zip)

(Signed) Gary (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

SEP 05 2000

Please attach electric log, chemical analysis, and other pertinent information, if available.

R FORM 001WWD (4/98) *White - TDLR Yellow - DRILLER Pink - WELL OWNER*

Send original copy by certified return receipt requested to: TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: *Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)*

State of Texas WELL REPORT

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER JAMES GRIGGS (Name) ADDRESS 9324 GREENSWARD ROAD HOUSTON TEXAS 77080 (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL'S LOCATION: County HARRIS 9324 GREENSWARD ROAD HOUSTON TEXAS 77080 (Street, RFD or other) (City) (State) (Zip) Long. ____ Lat. ____ Grid # 65-12-6

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

(4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [X] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) *

N

6) WELL LOG:
Date Drilling:
Started 03/26 19 00
Completed 03/26 19 00

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
5.50	Surface	36

7) DRILLING METHOD (Check): [ ] Driven [ ] Air Rotary [X] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other ____

From (ft.)	To (ft.)	Description and color of formation material
0	05	SURFACE TOP SOIL
05	20	GRAY CLAY
20	36	COARSE WATER SAND

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): [ ] Open Hole [X] Straight Wall [ ] Underreamed [ ] Gravel Packed [ ] Other ____
If Gravel Packed give interval from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
2	N	PVC JET STREAM	0	26	40
2	N	PLASTIC SLOTTED	26	36	.012

9) CEMENTING DATA
Cemented from 25 ft. to 0 ft. No. of sacks used 5
____ ft. to ____ ft. No. of sacks used ____
Method used ____
Cemented by WELLCO
Distance to septic system field lines or other concentrated contamination 0 ft.
Method of verification of above distance CITY SEWER

13) [ ] Well plugged within 48 hours

Casing left in well: From (ft)	Casing left in well: To (ft)	Cement/bentonite placed in well: From (ft)	Cement/bentonite placed in well: To (ft)	Sacks used:

14) TYPE PUMP:
[ ] Turbine [X] Jet [ ] Submersible [ ] Cylinder
[ ] Other ____
Depth to pump bowls, cylinder, jet, etc., 20 ft.

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed
[ ] Specified Steel Sleeve Installed
[ ] Pitless Adapter Used
[X] Approved Alternative Procedure Used

15) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [X] Jetted [ ] Estimated
Yield: 8 gpm with 2 ft. drawdown after 1 hrs.

11) WATER LEVEL:
Static level 13 ft. below land surface Date 03/26/00
Artesian flow ____ gpm. Date ____

16) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? [ ] Yes [X] No

12) PACKERS: Type Depth
NONE

I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME WELLCO DRILLING & SERVICE COMPANY (Type or print) WELL DRILLER'S LICENSE NO. 4729PKW

ADDRESS 5423 LOTUS STREET HOUSTON TEXAS 77085 (Street or RFD) (City) (State) (Zip)

(Signed) Gary (Licensed Well Driller) (Registered Driller Trainee)

FILED JUN 05 2000

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDLR FORM 001WWD (4/98) White - TDLR Yellow - DRILLER Pink - WELL OWNER

65-13-7E

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-7E
Located on map
Received:
26

1) OWNER:
Person having well drilled Raymond Well [illegible] (Name) Address 1801 Campbell Rd. Houston, Texas (Street or RFD) (City) (State)
Landowner [illegible] (Name) Address 26014 Elm Lane Magnolia, Texas (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris, _____ miles in _____ direction from _____ (N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

246 Q

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check): Domestic, Industrial, Municipal, Irrigation, Test Well, Other

5) TYPE OF WELL (Check): Rotary, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 8 3/4 in. Depth drilled [illegible] ft. Depth of completed well 313 ft. Date drilled [illegible]
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0-	3	Sand
3-	32	Yellow sandy clay
32-	80	Brown clay
80-	100	Sand
100-	106	Yellow clay
106-	195	Sand
195-	196	Gray clay
196-	215	Sand
215-	260	Red clay
260-	265	Sand
265-	300	Sand & gray shale streaks
300-	310	Yellow gray clay
310-	311	Rock
311-	318	Sand & gray shale
318-	323	Rock 326-327 Sand
323-	326	Sand 327-313 Sand to [illegible]

(Use reverse side if necessary)

9) Casing:
Type: Old, New, Steel, Plastic, Other
Cemented from 320 ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4	1	320	40

10) SCREEN:
Type Well Supplies Inc. plastic wrapped
Perforated, Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
4	320	313	10

7) COMPLETION (Check): Straight wall, Gravel packed, Other, Under reamed, Open Hole

8) WATER LEVEL:
Static level 40 ft. below land surface Date [illegible]
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 100 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME C.A. Raymond, Jr. Inc. (Type or Print) Water Well Drillers Registration No. TDL 774

ADDRESS 10011 [illegible] Rd. (Street or RFD) Houston (City) Texas (State)

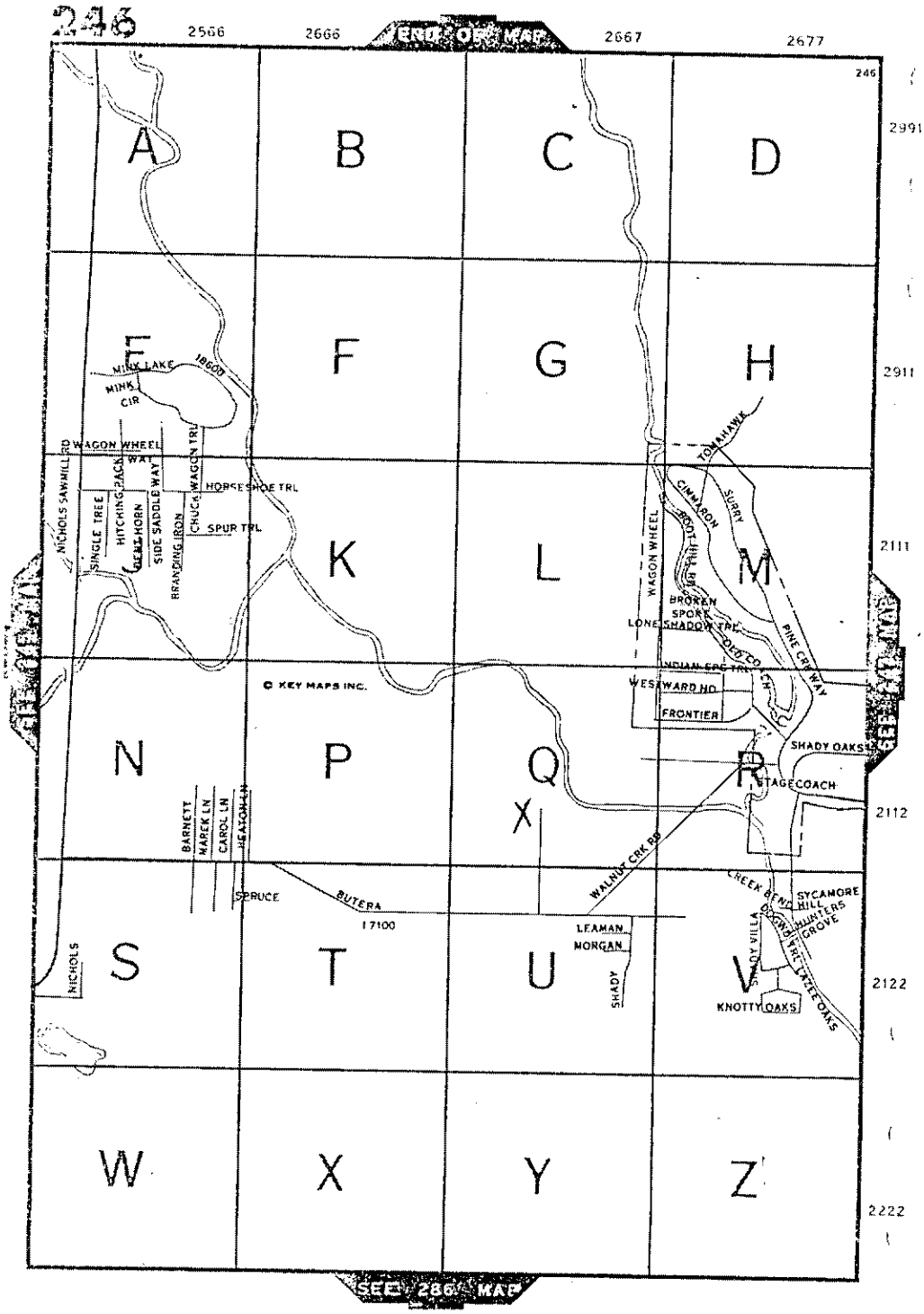
(Signed) C.A. Raymond Jr. (Water Well Driller) Raymond Water Well Drilling (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

4820107544


246
2566
2666
END OF MAP
2667
2677
2991
2911
2111
2112
2122
2222
A
B
C
D
E
F
G
H
K
L
M
N
P
Q
R
S
T
U
V
W
X
Y
Z
MINK LAKE
MINK CIR
18600
WAGON WHEEL
NICHOLS SAWMILL RD
SINGLE TREE
HITCHING POST
GENS HORN
SIDE SADDLE WAY
BRANDING IRON
CHUCK WAGON TRL
HORSESHOE TRL
SPUR TRL
TOMAHAWK
CIMARRON
SURRY
ROOT HILL RD
BROKEN SPOKE
LONE SHADOW TRL
PINE CRK WAY
INDIAN CRK TRL
WESTWARD HO
FRONTIER
SHADY OAKS
STAGECOACH
© KEY MAPS INC.
BARNETT
MARCK LN
CAROL LN
HEATON LN
SPRUCE
BUTERA
17100
WALNUT CRK RD
CREEK BEND
SYCAMORE HILL
HUNTERS GROVE
SHADY VILLA
DOCKWEILER CREEK
OAKS
LEAMAN
MORGAN
SHADY
KNOTTY OAKS
NICHOLS
SEE 286 MAP

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 12 606 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 48 12 Longitude - 95 31 01 Source of Coords - 3

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Spring Branch Oaks

Driller - Texas Water Wells

Address _____ Tenant/Oper. _____
Date Drilled - / /1950 Depth - 624 ft. Source of Depth - D Altitude - 85 ft. Source of Alt. - M
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____
Completion - _____
Casing Material - _____
Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) | Setting(feet) From | To

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CHCT
Well No. - 65 12 606

WRD Exp. (GW)
April 1966

Well No. LJ-65-14-707

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION — (C)

MASTER CARD (T. Brown) R.K.G. (7-21-69)

Record by Joe W. Long (2-12-46) Source of data FILES Date 2-20-68 Map 1:24000 Sotheast 1955

State Texas [48] County (or town) Harris [LJ]

Latitude: 29 45 51 N Longitude: 095 22 10 Sequential number: 1

Lat-long accuracy: 1 T. N S, R E W, Sec , k, k, k

Local well number: LJ-65-14-707 Other number: Well # C-18

Local use: Owner or name: City of Houston

Owner or name: City of Houston Address: Central Plant

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) Agency, (W) Water Dist [M]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other [P]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (Q) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [W]

DATA AVAILABLE: Well data [1] Freq. W/L meas.: 1945 - - Annual [A] Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 8-25-45 [A] Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: E-Log To 2495' U-42 [E]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 2035 ft [2035] Meas. rept. Driller accuracy [3]

Depth cased (first perf.): 884 ft [884] Casing type: STEEL; Diam. 24-12¾ in [24]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, (S) sd. pt., (T) shored, (V) open hole, (Z) other [G]

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot, (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other [H]

Date Drilled: 6-45 [945] Pump intake setting: (1964) 350 ft [350]

Driller: Layne-Texas Co. (name), Houston, Texas (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other [T] Deep Shallow [D]

Power (type): diesel, elec, nat gas, gasoline, hand, gas, wind; LP H.P. [5] Trans. or meter no.

Descrip. MP STEEL CSG. & CONC. PUMP BASE 2± ft above below LSD. Alt. MP 30'

Alt. LSD: 25' [25] Accuracy (source): TOPO 5' [3]

Water Level: 151.35 ft above below MP; ft above below LSD [149] Accuracy: MEAS. [A]

Date meas: 8-20-45 [845] Yield: 2660 gpm [2660] Method determined

Drawdown: 77 ft [77] Accuracy: USGS WD meas. Pumping period 96 hrs [96]

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard. ppm

Sp. Conduct K x 10^6 Temp. °F Date sampled

Taste, color, etc.

PL 238.18 151.35 76.83

Well No. LJ-65-14-707

Well No. LJ-65-14-707

Latitude-longitude 29 d 45 m 51 s N 095 d 22 m 10 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: COASTAL PLAINS [03] (20–21) Section: _____

[F] (22) Drainage Basin: _____ [51R] (23–25) Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (S) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series [T] (28–29) _____ aquifer, formation, group [E] (30–31)

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: 223 ft [223] (38–40) Depth to top of: _____ ft (41–43)

MINOR AQUIFER: _____ system, _____ series (44–45) _____ aquifer, formation, group (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

* Intervals Screened: _____

Depth to consolidated rock: _____ ft (60–61) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

Coefficient Trans: _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)

10 MIN. STATIC = 152.84 PL 228.18 @ 2660 GPM
20 " " = 151.35
SPECIFIC CAPACITY (10 MIN. STATIC) = 35.0
" " (20 " ") = 34.0

* SCREENS:

884 – 903	.021 ga.	CSG. 633 – of 24"
906 – 924	.021	536.2035' of 12¾
1,125 – 1,137	.019	
1,140 – 1,154	.018	
1157 – 1175	.018	
1205 – 1215	.022	
1340 – 1251	.025	
1253 – 1272	.025	
1274 – 1292	.025	
1295 – 1313	.025	
1316 – 1324	.025	
1345 – 1355	.022	
1385 – 1397	.022	
1400 – 1417	.022	
1433 – 1453	.022	
1593 – 1601	.022	
1603 – 1618	.022	
1858 – 1878	.021	
1882 – 1901	.021	
1904 – 1913	.021	
1959 – 1968	.021	
1970 – 1989	.021	

Bott. 2034' 10"

Well No. LJ-65-14-707

GPO 857-700

(11-74)

Water Resources Division
Austin, Texas

U.1000.

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 45 51	095 22 10	01

County code ~~LJ~~ 201 County Harris

Well LJ-65-14-707

Project number 5-4648-01000

Date 2-10-75 Time _____ Temp°C 29.0

Owner City of Houston

Address Central #18

Date drld 6-45 WBF code 121EVGV

Sample interval: (top) 884 (bottom) 1989

Water level _____ Appr _____ Use PS

Collector Naftel Yield _____ GPM

Smpld aftr pmpg on arrival Depth 1328

Pt of coll faucet on pipe

Field: Cond _____ pH _____ HCO_3 _____ DO _____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I + SO_4

Other _____

Herbicide _____ Insecticide _____

Remarks:

Type 2 (1) Station identification number 294551095221001 (2–16)

Y M D 75 02 10 (17–22) Begin

Time of measurement _____ (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008	1328	04	
Yield (GPM)	00059			
Sample interval TOP	72015	8840	03	
Sample interval BOTTOM	72016	1989	04	
Water [illegible]	[illegible]			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2900	02		
pH	00400	8000	01		8.0
Specific conductance	00095	7430	03		74
HCO_3	00440	3520	03		35
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6600	02	up 3	66
Sulfate (SO_4)	00945	1200	01		1.2
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

TX-73Q
(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017565

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 45 51	095 22 10	01

County code 201 County Harris

Well # LJ-65-14-707

Project number 4648-01000

Date 2-11-76 Time — Temp°C 29.0

Owner City of Houston

Address Central C-18

Date drld — WBF code 121 EVGL

Sample interval: (top) 884 (bottom) 1989

Water level — Appr clear Use PS

Collector Nattel Yield — GPM

Smpld aftr pmpg on arrival Depth —

Pt of coll tap on discharge

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

C form Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I

Other ____

Herbicide ____ Insecticide ____

Remarks:

Type 2 (1) Station identification number 294551095221001 (2–16)

Y M D 76 02 11 (17–22) Begin

Time of measurement ____ (29–32)

	Parameter code	Value	Exp.	Rmk	
Depth	72008				
Yield (GPM)	00059				
Sample interval TOP	72015	8840	03		
Sample interval BOTTOM	72016	1989	04		

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2900	02		29.0
pH	00400	8000	01		8.0
Specific conductance	00095	7630	03		763
HCO_3	00440	3600	03		360
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6800	02		68
Sulfate (SO_4)	00945	2800	01		2.8
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020979

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 45 51	095 22 10	01

County code 201 County HARRIS

Well # LJ-65-14-707

Project number 7-4648-01000

Date 2-10-77 Time — Temp°C 29.0

Owner CITY OF HOUSTON

Address CENTRAL C-18

Date drld — WBF code 121 Evgl

Sample interval: (top) 884 (bottom) 1989

Water level — Appr CLEAR Use PS

Collector BUTLER Yield — GPM

Smpld aftr pmpg — Depth —

Pt of coll TAP ON DISCHARGE

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule ____

Other I

Herbicide ____ Insecticide ____

Remarks:

Type 2 (1) Station identification number 29455 1095221001 (2–16)

Y M D (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	8840	03	
Sample interval BOTTOM	72016	1989	04	
Water level	72019			

Sampled after pumping	Parameter code	Value	Exp.	Rmk	
	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2900	02		29.0
pH	00400	8000	01		8.0
Specific conductance	00095	7550	03		755
HCO_3	00440	3600	03		360
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6400	02		64
Sulfate (SO_4)	00945	1600	01		1.6
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31625				
Strep-tococci	31673				
BOD	00310				

Austin, Texas

019079

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 45 51	095 52 21	01

County code 101 County HARRIS

Well # LJ 65-14-707

Project number T 4648-01000

Date 9-23-76 Time 0900 Temp°C 29.0

Owner CITY OF HOUSTON

Address CENTRAL #18

Date drld 6-45 WBF code EVGL

Sample interval: (top) 884 (bottom) 1989

Water level 410 Appr CLEAR Use PS

Collector BEZANT Yield 1622 GPM

Smpld aftr pmpg ON ARRIVAL Depth —

Pt of coll TAP ON DISCHARGE TAP

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

chem schedule I

Other

Herbicide Insecticide

Remarks:

Type 2 (1)

Station identification number 29455109552101 (2–9, 16)

Y M D: 76 09 23 (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	8840	03	
Sample interval BOTTOM	72016	1989	04	
Water level	72019			

Sampled after pumping	Parameter code	Value	Exp.	Rmk	
	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2900	02		29.0
pH	00400	7800	01		7.8
Specific conductance	00095	7430	03		743
HCO_3	00440	3520	03		352
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6400	02		64
Sulfate (SO_4)	00945	1600	01		1.6
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

Texas Water Development Board
Well Schedule

State Well Number 6514765 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294545 **Longitude** 952206 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
Ineeda Laundry

Driller
Taylor and Roberts

Address _____ **Tenant/Oper.** _____

Date Drilled / /1910 **Depth** 975 **Source of Depth** **Altitude** 50 **Source of Alt.**

Well Type W User

WELL CONSTRUCTION

Const-Method

Completion

Casing Material Blank

Screen Material Blank

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____**to**_____

LIFT DATA - **Pump Mfr. -** _____ **Type -** NONE **No. Stages** _____

Bowls Diam - _____ **in.** **Setting -** _____ **ft.** **Column Diam. -** _____ **in.**

Motor Mfr. - _____ **Fuel or Power -** blank **Horsepower -**

YIELD Flow- _____ **GPM** **Pump** _____ **GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary -** UNUSED **Secondary -** blank **Tertiary -** blank

OTHER DATA AVAILABLE **Water Levels -** N **Quality -** Y **Logs -** **Other Data -**

WATER LEVELS

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
Well destroyed.

Aquifer - 121EVGL **ID -** 15

EVANGELINE
AQUIFER

101

ATTENTION OWNER: Confidentiality
Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: STONE MOUNTAIN PROPERTIES ADDRESS: 5151 RICHMOND AVE. CITY: HOUSTON STATE: TX ZIP: -

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-21-2
Street or RFD: LAT.-29-43.89N LONG.-095-27.92W
City, State, Zip code: HOUSTON , TX -

5)

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: IRRIGATION
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 02344

DATE DRILLING:
STARTED: 07/11/02
COMPLETED: 07/13/02

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.5	0	440
4.875	440	480

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: TWO STRING/K-PACKER

IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

N^

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
5.0	N	P.V.C. S.D.R.17	0	440		CASING
3.0	N	P.V.C. SCH.40	422	450		LINER
3.0	N	P.V.C. - SLOTTED	450	480		.012

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	1	CONCRETE
1	30	CLAY-GRAY CLAY-TAN CLAY-GRAY
30	50	ROCK BROKEN SAND & CLAY
50	211	CLAY-RED CLAY-GRAY
211	262	SAND-TAN-.010-.012 BROKEN SAND & CLAY
262	300	CLAY-RED
300	314	BROKEN SAND & CLAY
314	333	SAND-WHITE-.010-.012
333	358	BROKEN SAND & CLAY
358	372	CLAY / SAND STREAKS
372	393	SAND-WHITE-.010-.012
393	415	CLAY-RED
415	442	BROKEN SAND & CLAY
442	480	SAND-WHITE-.010-.012

9) CEMENTING DATA:
Cemented from No. of Sacks Used
0 FT. TO 440 FT. 83
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS
Distance to septic field lines: n/a ft.
Method of verification of above distance:
CITY SEWER

10) SURFACE COMPLETION:
SURFACE SLAB INST.

11) WATER LEVEL:
STATIC LEVEL : 212 FT. DATE: 07/13/02
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
K-PACKER	422
K-PACKER	423

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 296

14) WELL TEST:
JETTED
YIELD: 125 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 480 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2843,2350
ADDRESS: P.O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TWC USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Carl Lottis (LICENSED WATER WELL DRILLER)

(signed) _____ (REGISTERED DRILLER TRAINEE)

RECEIVED
TDLR MAIL ROOM
AUG 07 2002
RECEIPT # AMOUNT

10/06/2021
04:10:01

Texas Commission on Environmental Quality
DWW Water System Summary Sheet

PWS ID	PWS Name	Central Registry RN
TX1010027	CITY OF WEST UNIVERSITY PLACE Superior	RN101390979

Organization/Customer *	Central Registry CN
CITY OF WEST UNIVERSITY PLACE	CN600687750

*Regulatory mail will be addressed to this organization/person

All Water System Contacts

Type	Contact	Communication	
AC - Administrative Contact - MAYOR	SAMPLE, SUSAN 3800 UNIVERSITY BLVD WEST UNIVERSITY PLACE, TX 77005-2802	**Electronic Type**	**Value**
		Phone Type	**Value**
		BUS - Business	713-662-5813
		BUS - Business	713-662-5808
		BUS - Business	713-662-5305
		BUS - Business	713-668-4441
		FAX - Facsimile	713-662-5305
EC - Emergency Contact - PLANT OPERATOR	SMITH, CHAD 2801 N BRAESWOOD BLVD HOUSTON, TX 77025-2248	**Electronic Type**	**Value**
		Phone Type	**Value**
		BUS - Business	713-662-5312
		FAX - Facsimile	713-664-8193
		MOB - Mobile	832-573-5425
EC - Emergency Contact - PUBLIC WORKS MANAGER	OROZCO, EDWARD 3826 AMHERST ST WEST UNIVERSITY PLACE, TX 77005-2830	**Electronic Type**	**Value**
		Phone Type	**Value**
		BUS - Business	713-662-5858
		FAX - Facsimile	713-662-5369
FC - Financial Contact	POKE, TIFFANY 3800 UNIVERSITY BLVD HOUSTON, TX 77005-2802	**Phone Type**	**Value**
		BUS - Business	713-662-5858
		FAX - Facsimile	713-349-2704
OW - Owner	CITY OF WEST UNIVERSITY PLACE		
PWS - Public Water System Contact - PUBLIC WORKS MANAGER	OROZCO, EDWARD 3826 AMHERST ST WEST UNIVERSITY PLACE, TX 77005-2830	**Electronic Type**	**Value**
		Phone Type	**Value**
		BUS - Business	713-662-5858
		FAX - Facsimile	713-662-5369
PWS - Public Water System Contact - PLANT SUPERVISOR	WAHLSTROM, MARK 3826 AMHERST ST WEST UNIVERSITY PLACE, TX 77005-2830	**Electronic Type**	**Value**
		Phone Type	**Value**
		BUS - Business	713-662-5873
		FAX - Facsimile	713-662-5369
		MOB - Mobile	281-386-1599

Operator Grade	Number
WATER OPERATOR Grade A	1
GROUND WATER TREATMENT OPERATOR Grade C	2
WATER DISTRIBUTION OPERATOR Grade C	1

Water Operator Licenses		
License Holder:	GOMEZ, GERARD R	
CURRENT	Class: A - WATER OPERATOR	WO0003566
License Holder:	GARCIA, MARK	
CURRENT	Class: C - GROUND WATER TREATMENT OPERATOR	WG0005745
License Holder:	PINTO, TOMAS	
CURRENT	Class: C - WATER DISTRIBUTION OPERATOR	WD0003637
License Holder:	MCGREW, TRACY L	
CURRENT	Class: C - GROUND WATER TREATMENT OPERATOR	WG0005188
License Holder:	RECTOR, ROSCOE S JR	
EXPIRED	Class: B - GROUND WATER TREATMENT OPERATOR	WG0002437
License Holder:	GRAVEL, ROBERT D	
EXPIRED	Class: C - GROUND WATER TREATMENT OPERATOR	WG0001714

Owner Type	Owner Type Options: COUNTY, DISTRICT, FEDERAL GOVERNMENT, INVESTOR OWNED, MUNICIPALITY, NATIVE AMERICAN, PRIVATE, STATE GOVERNMENT, WATER SUPPLY CORPORATION
Municipality	

System Type	System Type Options: COMMUNITY, TRANSIENT/NON-COMMUNITY, NON-PUBLIC, NON-TRANSIENT/NON-COMMUNITY
C - Community	

Population Type	Population Served	# of Connect	# I/C w/other PWS
Residential	18600	6200	0

Total Product (MGD)	Average Daily Consump.	Max Daily Demand (MGD)	Total Storage (MG)	Elev. Storage (MG)	Service Pump Cap.	Max.Purchase Cap. (MGD/GPM)	Pressure Tank Cap. (MG)

Activity Status	Inactivation Date
A - ACTIVE	

Last Survey Date	Surveyor	Survey Type	Region	County
07/25/2019	CAITLYN WILLIAMS	Sanitary Survey	HOUSTON	HARRIS
07/25/2019	DESTINY GEPPERT	Sanitary Survey	HOUSTON	HARRIS
09/09/2015	SHARON SALINAS	Sanitary Survey	HOUSTON	HARRIS

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP002	TRT-TAP / Purchased Surface Water(A)	PLANT 2 - 5299 WAKEFOREST ST(A)	TP5298		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010027C	9 - 5299 WAKEFOREST ST (A)	P	G	1275	1700 GPM	1675 GPM

Drill Date	Source Summary			
07/25/1984	EVANGELINE			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.728553	-95.422489	55	01/15/2014	Not Purchasing

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
P1010027A	GW AND SW FROM CITY OF HOUSTON (A)	P	P	N/A	N/A	N/A

Drill Date	Source Summary			
None Available				
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.715875	-95.438663	0	12/28/2016	TX1010013

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point

EP001	TRT-TAP / Purchased Surface Water(A)	PLANT 1 - 3825 MILTON(A)	TP5300		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	403	GASEOUS CHLORINATION, PRE

(Active Sources)						
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
P1010027A	GW AND SW FROM CITY OF HOUSTON (A)	P	P	N/A	N/A	N/A

Drill Date	Source Summary			
None Available				
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.715875	-95.438663	0	12/28/2016	TX1010013

Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G1010027B	8 - 3825 MILTON (A)	P	G	1230	1700 GPM	1500 GPM

Drill Date	Source Summary			
09/30/1982	EVANGELINE			
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller
29.715931	-95.438271	52	07/26/2005	Not Purchasing

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

Code Explanations
Monitoring Type Codes: (GW) GROUNDWATER , (GUP) GROUNDWATER UNDER THE INFLUENCE - PURCHASED , (SWP) SURFACE WATER - PURCHASED , (GU) GROUNDWATER UNDER THE INFLUENCE OF SURFACE WATER , (N) NO SOURCES , (SW) SURFACE WATER
Activity Status Codes: (A) ACTIVE , (D) DELETED/DISSOLVED , (I) INACTIVE , (P) PROPOSED ,
Operational Status Codes: (E) EMERGENCY , (I) INTERIM/PEAK (O) OTHER , (P) PERMANENT , (S) SEASONAL
Source Types: (G) GROUND WATER , (S) SURFACE WATER , (U) GROUND WATER UNDER THE INFLUENCE

- End of Report -

At the time of your query this data was the most current information available from our database, which is in real time. Every effort was made to retrieve it according to your query. Thank-you for using DWW.

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 21 203 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 43 43 Longitude - 95 25 22 Source of Coords - 1

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of West University Place Driller - Layne Texas

Address _____ Tenant/Oper. _____
Date Drilled - / /1949 Depth - 2,007 ft. Source of Depth - D Altitude - 57 ft. Source of Alt. - M
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 937600

WELL CONSTRUCTION Const. Method - _____ Casing Material - _____ Screen Material - _____ Completion - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) | Setting(feet) From | To

LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- PUBLIC SUPPLY Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- Y Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -
310 ft of screen between 1003 and
2007 ft. Well 6.

Texas Water Development Board
Well Schedule

State Well No. 65 21 233 Previous Well No. County Harris 201

River Basin San Jacinto 10 Zone 1 Lat. 29 43 41 Long. 095 25 20 Source of Coord. 1

Owner's Well No. 9 Location ____ 1/4, ____ 1.4, Section ____, Block ____, Survey ____

Owner: CITY OF WEST UNIVER-SITY PLACE

Driller: LAYNE TEXAS CO.

Address ____ Tenant/Oper. ____

Date Drilled 07 25 1984 Depth 1400 Source of Depth Datum D Altitude 57 Source of Alt. Datum M

Aquifer EVANGELINE 121EVGL Well Type ____ User 937600

TNRCC = 1010027

Well Construction: Const. Method Mud Rotary H Casing Material Steel S

Completion GP-UR-Screen G Screen Material Stainless R

Lift Data: Pump Mfr. ____ Type Turbine T No. Stages ____

Bowls Diam. ____ in. Setting 487 ft. Column Diam. ____ in.

Motor Mfr. ____ Fuel or Power Electric E Horsepower ____

Yield: Flow ____ GPM Pump ____ GPM Meas., Repr., Est. ____ Date ____

Performance Test: Date 2/85 Length of Test 12 hr Production 1535 GPM

Static Level ____ ft. Pumping Level ____ ft. Drawdown 83 ft. Sp.Cap. 18.5 GPM/ft.

Quality (Remarks ____

Water Use: Primary Public Supply P Secondary ____ Tertiary ____

Other Data Available: Water Level M Water Quality Y Logs D I E Other Data ____

Water Levels: Date 02 21 1985 Meas. 371 driller; Date ____ Meas. ____; Date ____ Meas. ____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S)
Open Hole (O)
Cemented from 0 to 800
Setting (feet)

	Diam. (in.)	From	To
1	C 20	0	800
2	C 14	700	809
3	S 12	810	830
4	S 12	860	870
5	S 12	880	895
6	S 12	942	962
7	S 12	975	1005
8	S 12	1035	1050
9	S 12	1070	1100
10	S 12	1175	1215
11	S 12	1255	1275
12	S 12	1298	1308
13	S 12	1315	1340
14	S 12	1350	1380
15	C 12	1380	1400
16			

Recorded By Nordstrom Date Record Collected or Updated ____ (20 max) Reporting Agency 02

Remarks: Well #9.

Aquifer Evangeline

Well No. 65-21-233

93-0384
2/9/93

Please use black ink.
Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER City of West University Place (Name) Address c/o Langford Engrs 1400 W. Bellfort Dr. No. Suite 1A (Street or RFD) Houston (City) TX (State) 77043 (Zip)

2) LOCATION OF WELL:
County Harris miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ See attached map.

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☐ Domestic ☐ Industrial ☒ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Well #9
Date drilled 7/25/84

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
24	Surface	Surf
30	Surf	1400 TD

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☒ Underreamed
☒ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from Surf ft. to 1400 TD ft.

From (ft.)	To (ft.)	Description and color of formation material
		See attached Welldog
		Chem Analysis
		E-log
		12 N SSWW Barbly Screen 850-865 .035
		942-962 "
		975 1005 "
		1035 1050 "
		1070 1100 "
		1175 1215 "
		1225 1275 "
		1294 1304 "
		1315 1340 "
		1350 1360 "

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
20	N	Blank Steel Cog	+4	Surf	
14	N	Blank Steel Liner	700	809	
		14 x 12 Swage	810		
12	N	SSWW Barbly Screen	810	830	.035
	"	"	860	870	"

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from Surf ft. to Surf ft.
_____ ft. to _____ ft.
Method used Halliburton
Cemented by Halliburton

10) SURFACE COMPLETION
☒ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 371 ft. below land surface Date 2/21/85
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth
None

13) TYPE PUMP:
☒ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 487 ft.

14) WELL TESTS:
Type Test: ☒ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 1555 gpm with 83' ft. drawdown after 2 hrs.

RECEIVED
SEP 11 1985

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☒ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Layne Texas Co (Type or Print) Water Well Driller's License No. 2A

ADDRESS P.O. Box 9455 (Box or RFD) Houston (City) TX (State) 77261 (Zip)

(Signed) Leland Lawson (Licensed Water Well Driller) (Signed) Layne Texas Co Dup (Registered Driller Trainee)

For TDWR use only
Well No. 65-21-2H
Located on map Yes DLF

Please attach electric log, chemical analysis, and other pertinent information, if available.

65-21-233

DEPARTMENT OF WATER RESOURCES COPY

WR-0392 (12/29/83)

LAYNE TEXAS COMPANY,

HOUSTON -:- DALLAS

S. O. [illegible]

FILE NO. 4143

DATE 7-25-84

WELL LOG

CUSTOMER LOCATION

FOR City of West University Place

LOCATION WELL Wakefield & Milford Sts.
Wake Forest

SURVEY FIELD

COUNTY Harris STATE Texas

OTHER LAND MARKS

WELL DATA

NAME WELL WELL NO. 9

ELEVATION DATUM

RT C GR

TEST HOLE SIZE 9 7/8" TD 1397'

DATE STARTED DRILLING 7/18/84

DATE FINISHED DRILLING 7/25/84

DRILLER H. Thompson RIG NO. 7

TYPE MUD Gel NO. SACKS 27

ELECTRIC LOG Yes TYPE GO

SURVEY Eastman TYPE Singleshot

OTHER

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
0		Surface			
3	3	Fill and top soil			
4	1	Clay			
8	4	Sandy clay, sand stks.			
14	6	Sand, clay stks.			
19	5	Clay, sand stks.			
22	3	Sand			
28	6	Clay			
30	2	Sandy clay			
60	30	Clay			
102	42	Clay, sandy clay stks.			
133	31	Clay			
187	54	Clay, sandy clay stks.			
190	3	Sand, sandy clay			
210	20	Clay, lime stks.			
219	9	Clay, sandy clay			
233	14	Clay, lime stks.			
240	7	Sand, clay stks.			
297	57	Sand, lime and clay stks.			
303	6	Clay, lime stks.			
322	19	Clay, sandy stks.			
338	16	Sandy clay, lime stks.			
385	47	Sand, gravel stks.			
438	53	Clay			
441	3	Sand			
451	10	Clay, sandy clay			
486	35	Clay, sandy clay stks.			
495	9	Sand, lime stks.			
498	3	Sandy clay			
520	22	Sand			
540	20	Clay			
560	20	Sand			
575	15	Clay			
581	6	Sand, gravel			
585	4	Lime, sand stks.			
608	23	Lime, sand, clay			
610	2	Clay, lime			
632	22	Sand, lime, clay			
650	18	Clay, sandy clay, lime			
674	24	Sand			

LAYNE EAAS COMPANY,
HOUSTON -:- DALLAS

S. O. 1102-2559
PAGE 2 of 2
FILE NO. 4143
DATE 7-25-84

WELL LOG

CUSTOMER LOCATION		WELL DATA	
FOR	City of West University Place	NAME WELL	WELL NO.
LOCATION WELL	~~Wakefield~~ & Milford Sts. Wake Forest	ELEVATION	DATUM
		RT C	GR
SURVEY	FIELD	TEST HOLE SIZE	TD
		DATE STARTED DRILLING	
		DATE FINISHED DRILLING	
COUNTY	STATE	DRILLER	RIG NO.
		TYPE MUD	NO. SACKS
OTHER LAND MARKS		ELECTRIC LOG	TYPE
		SURVEY	TYPE
		OTHER	

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	TYPE	NUMBER
749	75	Lime, sandy clay, sand			
771	22	Clay, lime stks.			
796	25	Clay, sandy clay, lime stks.			
806	10	Sand, clay stks.			
815	9	Clay, lime stks.			
839	24	Sand, clay, lime stks.			
840	1	Hark lime			
844	4	Sand. lime stks.			
861	17	Clay, lime stks.			
869	8	Clay, sandy clay			
880	11	Sand, clay, lime stks.			
891	11	Clay, sandy clay			
900	9	Sand, clay stks.			
921	21	Clay, sandy clay			
926	5	Sandy clay, clay stks.			
941	15	Sand, clay stks.			
956	15	Clay, sandy clay			
976	20	Sand			
978	2	Clay			
984	6	Clay, sandy clay, sand stks.			
1002	18	Sand, clay stks.			
1013	11	Sand			
1016	3	Clay, lime stks.			
1049	33	Clay			
1061	12	Sand, lime stks.			
1077	16	Clay			
1081	4	Clay, sandy clay			
1106	25	Sand			
1185	79	Clay			
1228	43	Sand, lime stks.			
1242	14	Sandy clay, lime stks.			
1262	20	Clay, few sand stks.			
1267	5	Sandy clay, sand stks.			
1285	18	Sand, clay stks., lime			
1321	36	Clay			
1331	10	Sandy clay, sand stks.			
1350	19	Sand, lime, clay			
1360	10	Clay			
1390	30	Sand, clay stks.			
1397	7	Clay, sandy clay			

EDNA WOOD LABORATORIES, INC.
WATER TECHNOLOGISTS · · CHEMISTS · · MICROBIOLOGISTS

28 February 1985

To: Layne Texas Company
P. O. Box 9469
Houston, Texas 77261

SO #1102-2559

Sample marked: Well No. 9 - Sample #1, City of W. U. - Harris County, Texas.
Taken after 12 hrs pumping at 1,535 gpm - turbine pump.
Pumping level: 380.57 - Screened: 810' - 1380'. Temp. 80°F
Appearance: Clear, no sand By: H. Thompson.

Received: 2-26-85

WATER ANALYSIS
results in parts per million (mg/l) except as noted

Dissolved Residue at 350° C		273	Conductance, micromhos/cm, 25°C		470
Total Dissolved Solids, actual†		396	Color, units		0
Total Dissolved Solids, calc.		403	Turbidity, units		0.23
Silica	SiO_2	21	As Calcium Carbonate, $CaCo_3$:		
Calcium	Ca	30	Phenolphthalein Alkalinity		0
Magnesium	Mg	5	Total Alkalinity		198
Sodium (diff.) Na + K as	Na	69	Total Hardness		96
Carbonate	CO_3	0	Free Carbon Dioxide	CO_2	5.6
Bicarbonate	HCO_3	242	pH . . . 7.82 at 20.5°C		
Sulfate	SO_4	6	HYPOTHETICAL COMBINATIONS		
Chloride	Cl	30			
Total Fluoride	F	0.4			
Total Nitrate	NO_3	< 0.4			
Total Manganese*	Mn	0.01			
Total Iron*	Fe	0.04			
Iron, filtered sample	Fe	-			
*By Atomic Absorption.					

†Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO_3) ion

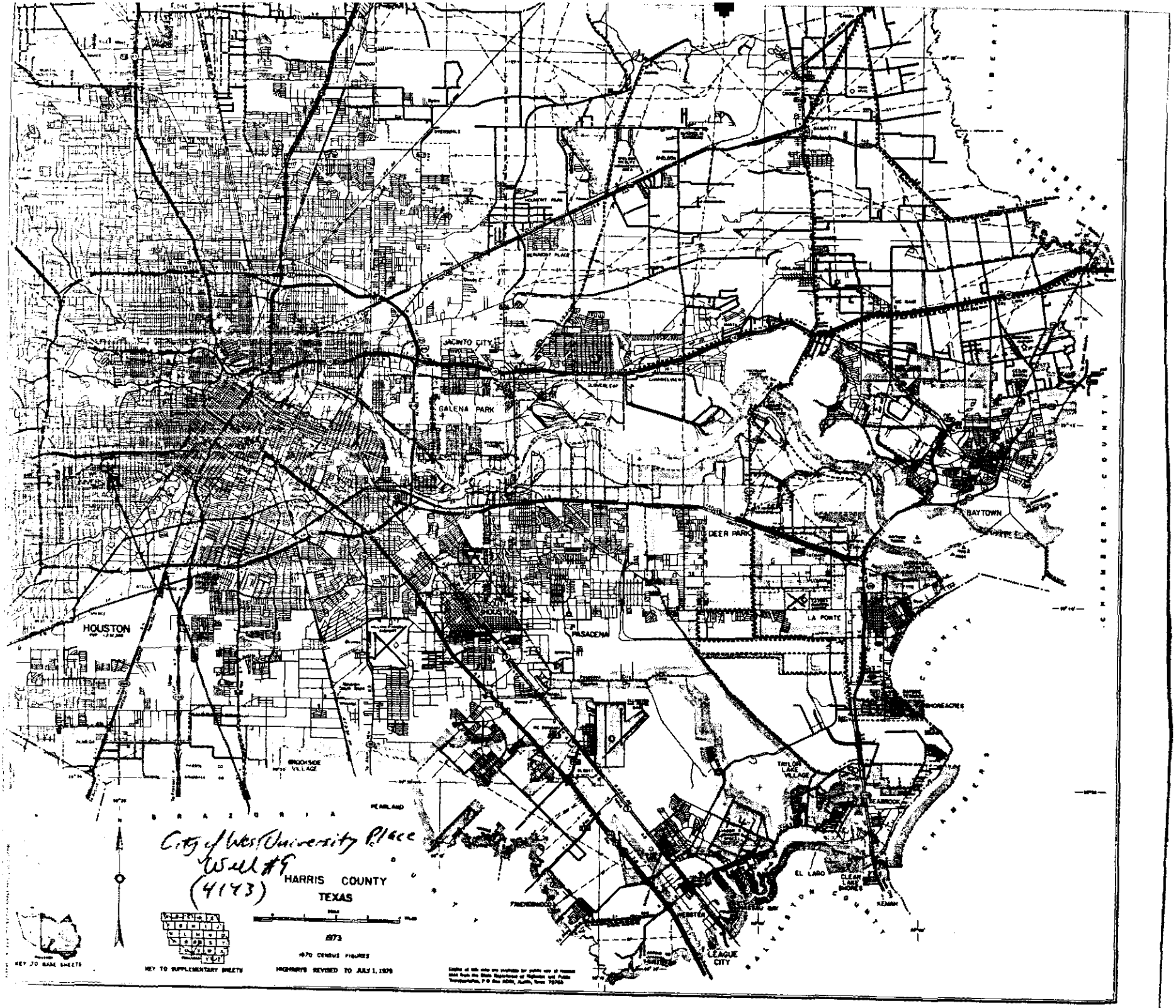
EDNA WOOD LABORATORIES, INC.

By: Alice Perry
Alice Perry, Supervising Chemist

3184
slp

65 21 233

Tel: (713) 747-7271 • P. O. BOX 14171 • 4820 OLD SPANISH TRAIL • HOUSTON, TEXAS 77021


City of West University Place
Well #9
(4143)
HARRIS COUNTY
TEXAS
HOUSTON
JACINTO CITY
GALENA PARK
DEER PARK
PASADENA
LA PORTE
BAYTOWN
BROOKSIDE VILLAGE
TAYLOR LAKE VILLAGE
EL LAGO
CLEAR LAKE SHORES
KEMAH
WEBSTER
LEAGUE CITY
FRIENDSWOOD
PEARLAND
BRAZORIA
CHAMBERS COUNTY
KEY TO MAIN SHEETS
KEY TO SUPPLEMENTARY SHEETS
1973
1970 CENSUS FIGURES
HIGHWAYS REVISED TO JULY 1, 1970

Please use black ink.
Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER C. C. Hern (Name) Address 3406 Moore St. Houst Tx 77009 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

Map 7 ☒ See attached map. ~~Map on file~~ Not on Map

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled ~~May~~ June 7+8 1983

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6½	Surface	230
3⅜	230	248

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Undesreamed ☐ Gravel Packed ☐ Other Dual String
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	5	Red Clay
5	24	yellow clay
24	28	red sand
28	52	red clay
52	74	Blue clay
74	101	sand
101	145	red sand
145	162	Blue clay
162	188	sand
188	210	red clay
210	230	Blue clay
230	248	sand

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	PVC	+2	230	40
2⅜	N	PVC slotted	228	248	12

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 230 ft. to surface ft.
ft. to _____ ft.
Method used Halliburton
Cemented by Self

10) SURFACE COMPLETION
☒ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 98 ft. below land surface Date ~~May~~ June 8
Artesian flow _____ gpm. Date _____

RECEIVED
JUL - 2 1985
DEPT. OF WATER RESOURCES

12) PACKERS: Type Depth

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 142 ft.

(Use reverse side if necessary)

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield _____ gpm with _____ ft. drawdown after _____ hrs.

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Johnson's Water Well (Type or Print) Water Well Driller's License No. 1807

ADDRESS 8933 Talcott Ln (Street or RFD) Houst (City) Tx (State) 77049 (Zip)

(Signed) _____ (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee) Dup

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 65:14-4K
Located on map Yes Dup

4820115738

TDWR 0392 (12/29/83)

DEPARTMENT OF WATER RESOURCES COPY

WRD Exp. (GW)
April 1966

Well No. LJ-65-12-625

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

1:24,000

MASTER CARD

Record by Bonnet & McAdoo — Source of data D-records — Date 8-4-70 — Map Hedwig Village - 1970

State Texas [48] — County (or town) Harris [LJ]

ck Latitude: 29 49 13 N (deg 7 min 9 sec 11) — Longitude: 095 30 58 (12 degrees 15 min sec 18) — Sequential number: 1 (19)

Lat-long accuracy: 1 (20) T. ____ N S, R ____ E W, Sec ____, ____ k, ____ k, ____ k

Local well number: LJ-65-12-625 (21–34) — Other number: B & M #5

Local use: (35–51) — Owner or name: City of Houston

Owner or name: CITY OF HOUSTON (52–66) — Address: Spring Branch

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — M (67)

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — P (68)

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (O) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed — W (69)

DATA AVAILABLE: Well data [ ] (70) — Freq. W/L meas.: 1969– [S] (71) — Field aquifer char. [ ] (72)

Hyd. lab. data: [ ] (73)

Qual. water data; type: [ ] (74)

Freq. sampling: 7-17-69 [I] (75) — Pumpage inventory: yes no, period: [ ] (76)

Aperture cards: yes [ ] (77)

Log data: E-Log 5-51 D-Log 0-1906 — E D (78 79)

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD (1–19) — Depth well: 1720 ft [1720] (20–23) — Meas. rep. D-Log accuracy — 3 (24)

Depth cased (first perf.): 665 ft [665] (25–28) — Casing type: S; Diam. 24-14 in [24] (29–30)

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, sd. pt., (S), (T), (W) shored, (X) open hole, (Z) other — G (31)

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other — H (32)

Date Drilled: 4-1-69 [969] (33–35) — Pump intake setting: ____ ft [ ] (36–38)

Driller: Katy Drilg. Co. (name), Katy, Texas (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other — T (39) — Deep / Shallow — D (40)

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 300 [ ] (41) — Trans. or water no. ____

Descrip. MP ____ ft above/below LSD. Alt. MP ____

Alt. LSD: 87 [87] (42–45) — Accuracy (source): Topo 5' — 3 (47)

Water Level 294.07 ft above/below MP; 310 ft above/below LSD [293] (46–51) — Accuracy: [ ] (52)

Date meas.: 7-17-69 (53–55) — Yield: 2630 gpm [ ] (56–60) — Method determined [ ] (61)

Drawdown: 70.9 ft [71] (62–64) — Accuracy: Tape [ ] (65) — Pumping period 48 hrs [ ] (66–68)

QUALITY OF WATER DATA: Iron ____ ppm [ ] (69) — Sulfate ____ ppm [ ] (70) — Chloride ____ ppm [ ] (71) — Hard. ____ ppm [ ] (72)

Sp. Conduct ____ K x 10^6 [ ] (73) — Temp. ____ °F [ ] (74–76) — Date sampled [ ] (77–79)

Taste, color, etc.

U.S.G.S recovery Test.

Well No. LJ-65-12-625

65-12-625

Well No. LJ-65-12-625

Latitude-longitude 29 d, 49 m, 13 s Q 095 d, 30 m, 58 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: Coastal Plain [03] (20–21) Section: _____

[F] (22) Drainage Basin: _____ [F I K] (23–25) Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series [T] (28–29) _____ aquifer, formation, group [E] (30–31)

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: 435 ft [435] (38–40) Depth to top of: _____ ft (41–43)

MINOR AQUIFER: _____ system, _____ series (44–45) _____ aquifer, formation, group (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: *

Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

Coefficient Trans: 96,200 gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: 172 gpd/ft²; Spec cap: 1 hr. 38.2 gpm/ft; Number of geologic cards: _____ (79)

0-615 : 24" csg.

555 - 1720 : 14" csg.

* Screen:

665 - 705
740 - 765
795 - 830
860 - 880
895 - 920
950 - 965
990 - 1015
1035 - 1050
1160 - 1200
1235 - 1255
1305 - 1320
1350 - 1360
1380 - 1435
1455 - 1470
1475 - 1485
1505 - 1525
1610 - 1640
1690 - 1710

Well No. LJ-65-12-625

GPO 857-700

Austin, Texas

020960

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 49 13	095 30 58	01

County code 201 County HARRIS

Well # LJ 65-12-625

Project number 7-4648-01000

Date 1/31/77 Time 0945 Temp°C 28.0

Owner CITY OF HOUSTON

Address Spring Branch #5

Date drld 4-1-69 WBF code 121 Evgl

Sample interval: (top) 665 (bottom) 1710

Water level — Appr CLEAR Use P.S.

Collector BEZANT Yield — GPM

Smpld aftr pmpg ON ARRIVAL Depth 1720

Pt of coll TAP ON DISCH

Field: Cond — pH — HCO_3 — DO —

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

1 chem schedule I

Other

Herbicide Insecticide

Remarks:

Type 2 (1) Station identification number 29491309530580 1 (2–16)

Y M D (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk	
Depth	72008	1720	04		
Yield (GPM)	00059				
Sample interval TOP	72015	6650	03		
Sample interval BOTTOM	72016	1710	04		
Water level	72019				

Sampled after pumping	Parameter code	Value	Exp.	Rmk	
	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2800	02		28.0
pH	00400	7900	01		7.9
Specific conductance	00095	6420	03		642
HCO_3	00440	2860	03		286
CO_3	00445	0000	01		0
Chloride (Cl)	00940	5900	02		59
Sulfate (SO_4)	00945	6800	01		68
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Streptococci	31679				
BOD	00310				

65-12-625

Austin, Texas

015122

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 49 13	095 30 58	01

County code ~~201~~ County Harris

Well # 2J-65-12-625

Project number 5-4648-01000

Date 2-4-75 Time _____ Temp°C 27.0

Owner Spring Branch No. 5

Address City of Houston

Date drld 4-1-69 WBF code 121EVGL

Sample interval: (top) 665 (bottom) 1710

Water level _____ Appr _____ Use PS

Collector Vaught Yield _____ GPM

Smpld aftr pmpg on arr. Depth 1720

Pt of coll tap on discharge

Field: Cond _____ pH _____ HCO_3 _____ DO _____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I+SO4

Other _____

Herbicide _____ Insecticide _____

Remarks:

Type 2 (1) Station identification number 29491309530580 1 (2–9) 16

Y M D: 75 02 04 (17 Begin 22)

Time of measurement: (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008	1720	04	
Yield (GPM)	00059			
Sample interval TOP	72015	6650	03	
Sample interval BOTTOM	72016	1710	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2700	02		27.
pH	00400	7400	01		7.4
Specific conductance	00095	6050	03		60.
HCO_3	00440	2500	03		25
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6300	02		63
Sulfate (SO_4)	00945	1200	02		12
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

65-12-625

Austin, Texas

019939

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 49 13	095 30 58	01

nty code 101 County Harris

Well # LJ-65-12-625

Project number T-4648-01000

Date 9-8-76 Time — Temp°C 28.0

Owner City of Houston

Address Spring Branch # 5

Date drld — WBF code 121 Evg

Sample interval: (top) 665 (bottom) 1710

Water level — Appr Clear Use PS

Collector Peters Yield — GPM

Smpld aftr pmpg on arrival Depth —

Pt of coll tap on discharge

Field: Cond — pH — HCO_3 — DO —

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

1 chem schedule I

Other

Herbicide Insecticide

Remarks:

Type 2 Station identification number 29491309530581 (1–2, 2–9, 9–16)

Y M D: 76 09 08 (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	6650	03	
Sample interval BOTTOM	72016	1710	04	
Water level	72019			

Sampled after pumping	Parameter code	Value	Exp.	Rmk	
	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2800	02		28.0
pH	00400	7800	01		7.8
Specific conductance	00095	6300	03		630
HCO_3	00440	2810	03		281
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6200	02		62
Sulfate (SO_4)	00945	2400	01		2.4
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Streptococci	31679				
BOD	00310				

Dup.

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12388 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-12-6E
Located on map yes
Received: 69 yes
dc

1) OWNER:
Person having well drilled City of Houston (Name) Address 5101 Washington (Street or RFD) Houston (City) Texas (State)

Landowner _____ (Name) Address _____ (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS, _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Locate by sketch map showing landmarks, roads, creeks, hiwy number, etc.*

SEE ATTACHED

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well X, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check): Domestic, Industrial, Municipal X, Irrigation, Test Well, Other

5) TYPE OF WELL (Check): Rotary X, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 34 in. Depth drilled 1906 ft. Depth of completed well 1720 ft. Date drilled 6-1-69

All measurements made from 3 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
		SEE ATTACHED

(Use reverse side if necessary)

9) Casing:
Type: Old, New, Steel, Plastic, Other

Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage

SEE ATTACHED

10) SCREEN:
Type _____

Perforated, Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size

7) COMPLETION (Check):
Straight wall, Gravel packed X, Other
Under reamed, Open Hole X

8) WATER LEVEL:
Static level 294 ft. below land surface Date 4-1-69

Artesian pressure _____ lbs. per square inch Date _____

Depth to pump bowls, cylinder, jet, etc., 369 ft. below land surface.

11) WELL TESTS:
Was a pump test made? X Yes No If yes, by whom? Katy Drilling, Inc.

Yield: 2630 gpm with 336 ft. drawdown after 47 hrs.

Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.

Artesian flow _____ gpm

Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? X Yes No

Did any strata contain undesirable water? Yes No

Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME I. L. Dickson (Type or Print) Water Well Drillers Registration No. 943

ADDRESS P. O. Box 278 (Street or RFD) Katy (City) 77450 Texas (State)

(Signed) I L Dickson (Water Well Driller) KATY DRILLING, INC. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBK-GW-53

6 M
65-12-625

CITY OF HOUSTON
SPRING BRANCH WELL NO. 5
JOB NO. 558

DRILLER'S LOG

0 - 16	Clay
16 - 31	Sand
31 - 45	Clay
45 - 59	Sand - rock
59 - 86	Clay
89 - 109	Sand
109 - 173	Clay
173 - 185	Sand
185 - 205	Clay
205 - 235	Sand
235 - 307	Clay
307 - 365	Sand - rock
365 - 374	Clay
374 - 396	Sand
396 - 414	Clay
414 - 432	Sand and rock
432 - 465	Clay and sand breaks
465 - 504	Sand and rock
504 - 524	Clay and sand breaks
524 - 559	Sand and rock
559 - 582	Clay and sand breaks
582 - 584	Hard rock
584 - 599	Sand and rocks
599 - 604	Hard rock
604 - 648	Sand and rocks
648 - 653	Clay
653 - 711	Sand and rock
711 - 724	Clay
724 - 765	Sand and rock
765 - 786	Clay
786 - 832	Sand - rock
832 - 846	Clay
846 - 881	Sand - rock
881 - 889	Clay
889 - 922	Sand - rock
922 - 943	Clay
943 - 967	Sand
967 - 980	Clay

Attach 65-12-6E 65-12-625

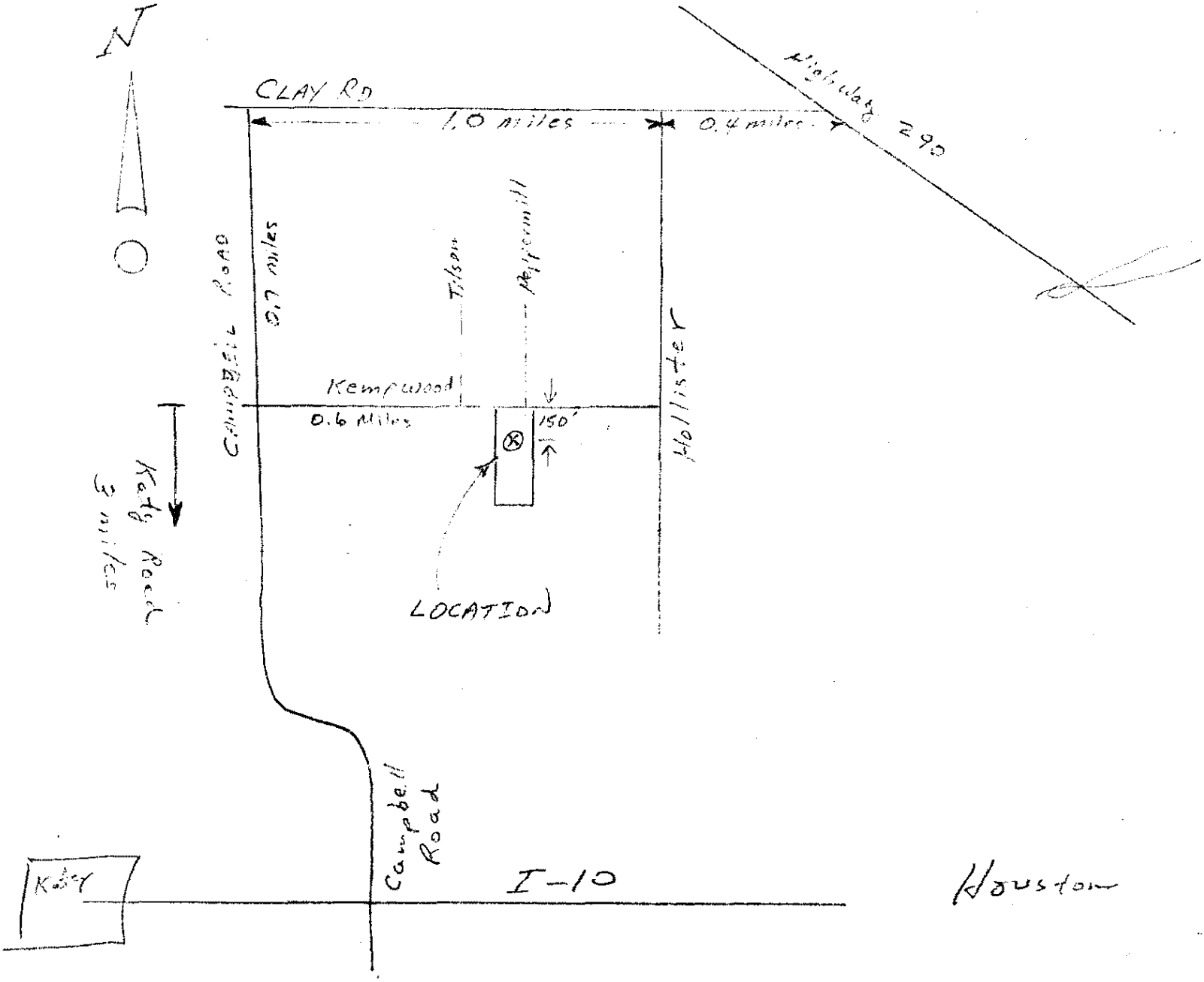
CITY OF HOUSTON
SPRING BRANCH WELL NO. 5
PAGE 2

DRILLER'S LOG

980 - 1010	Sand - rock
1010 - 1030	Clay
1030 - 1042	Sand - rock
1042 - 1053	Clay
1053 - 1062	Sand - rock
1062 - 1077	Clay
1077 - 1151	Clay and sand breaks
1151 - 1200	Sand and rock
1200 - 1227	Clay
1227 - 1257	Sand and rock
1257 - 1290	Clay and strips of rock
1290 - 1333	Sand and rock
1333 - 1340	Clay
1340 - 1345	Sand - rock
1345 - 1347	Hard rock
1347 - 1371	Clay
1371 - 1437	Sand - rock
1437 - 1448	Clay
1448 - 1520	Sand
1520 - 1600	Clay
1600 - 1646	Sand and rock
1646 - 1662	Clay
1662 - 1762	Sand and rock
1762 - 1864	Clay
1864 - 1884	Sand - rock
1884 - 1906	Shale, sand breaks
1906 -	Hard shale

Entered 65-12-6E 65-12-625

Spring Branch No. 5
Job No. 558
Location: Corner Kempwood & Peppermill
or 9105 Kempwood



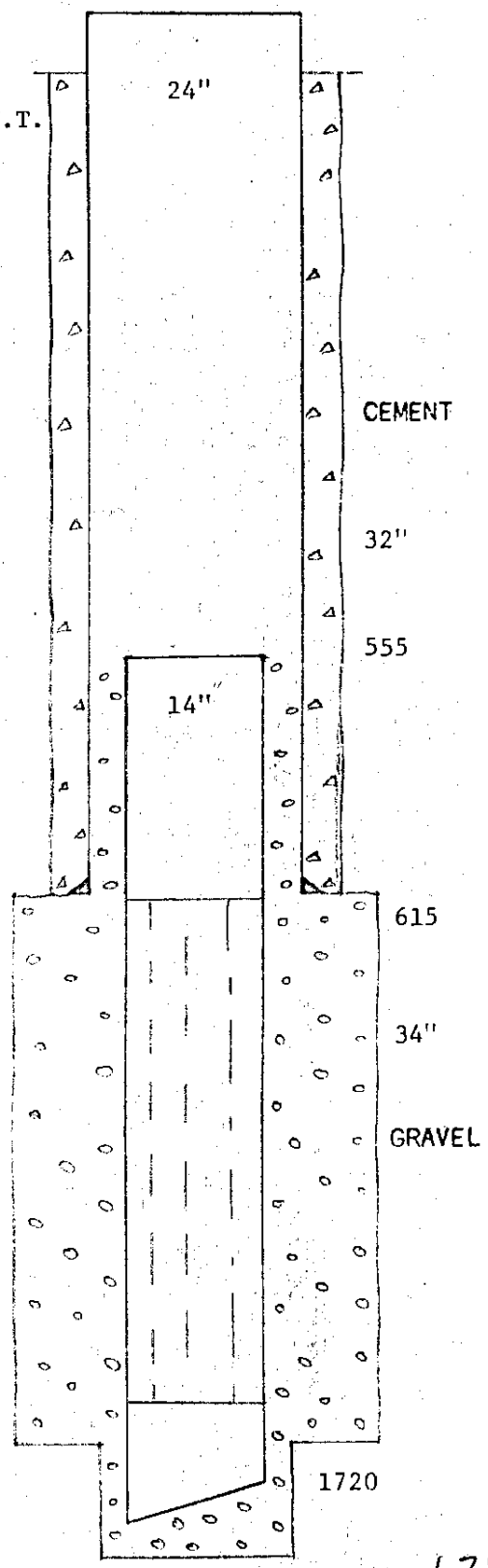
Attach 65-12-6E

65-12-625

MAT L SETTING

DEPTH	LENGTH	DESCRIPTION
0	---	Top of 24 inch O.D. surface casing, .375 inch W.T.
615	615	Bottom of surface casing cemented in place
555	---	Top of 14 inch O.D., .375 inch W.T. Screen and Liner
1,720	1,165	Bottom of liner, includes 2 back pressure valves
---	435	Total screen
	730	Total blank liner

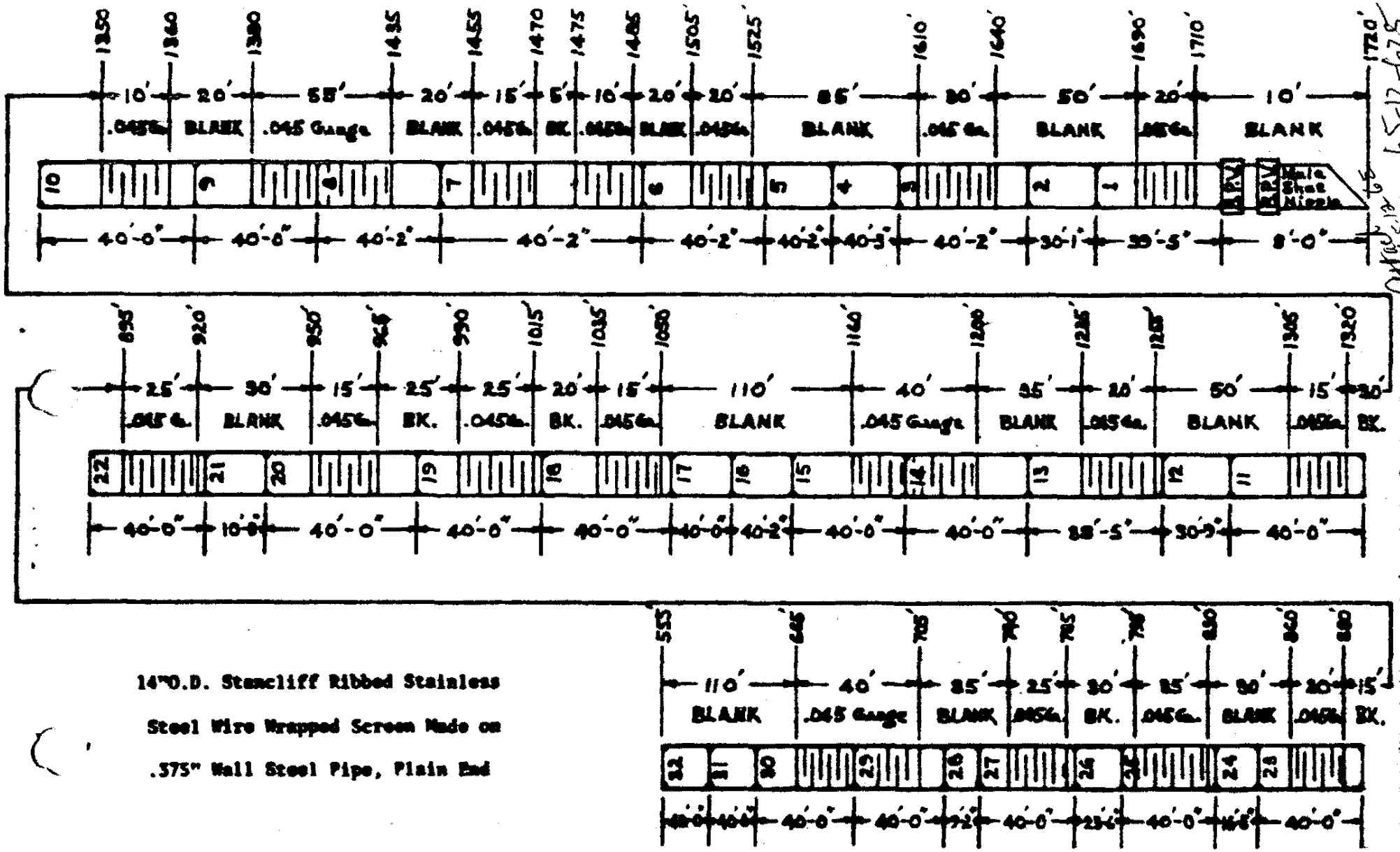
NOTE: See attached detailed drawing



ER: CITY OF HOUSTON RING BRANCH WELL NO. 5	
RACTOR: TY DRILLING, INC.	
N BY: A. Green	DATE: September, 1969
OVED BY: LD	SCALE: NONE

65-12-625

Attach 65-12-6E



14"O.D. Stancliff Ribbed Stainless

Steel Wire Wrapped Screen Made on

.375" Wall Steel Pipe, Plain End

Screen Setting:

Katy Drilling Company
Spring Branch Well # 5
Houston, Texas

Howard Smith Company
Houston, Texas
June 5, 1969
Drawing No. 6469

WRD Exp. (GW)
April 1966

Well No. LJ-65-21-201

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

(D)

MASTER CARD (T. Brown) R.K.G. (7-2-65)

Record by W.L.N. (10-13-61) Source of data FILES Date 2-21-68 Map Bellaire 1955 1:24000

State Texas [48] County (or town) Harris [LJ]

Latitude: 2 9 4 3 3 8 W (N/S) (deg 7 min 9 sec 11) Longitude: 0 9 5 2 7 0 4 (12 degrees 15 min sec 18) Sequential number: [1]

Lat-long accuracy: [1] T. ____ S, R ____ W, Sec ____, ____ k, ____ k, ____ k

Local well number: LJ-65-21-201 Other number: So. West #9 (B & M)

Local use: Owner or name: CITY OF HOUSTON

Owner or name: CITY OF HOUSTON Address: ____

Ownership: (C) County, (F) Fed Gov't, (City), (H) Corp or Co, (P) Private, (S) Agency, (W) Dist ____ [M]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mnd, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other ____ [P]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [W]

DATA AVAILABLE: Well data [1] Freq. W/L meas.: 1953 Annual [A] Field aquifer char. [ ]

Hyd. lab. data: ____ [ ]

Qual. water data; type: ____ [ ]

Freq. sampling: 9-19-53 [F] Pumpage inventory: yes no, period: ____ [ ]

Aperture cards: ____ yes [ ]

Log data: E-Log AA-1D T.D. 1507' [E]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1051 ft [1051] Meas. (rept.) Driller accuracy [3]

Depth cased: (first perf.) 554 ft [554] Casing type: S; Diam. 24-12 3/4 in [24]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other ____ [G]

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other ____ [H]

Date Drilled: 7-4-53 [953] Pump intake setting: ____ ft

Driller: Layne-Texas Co., Houston, Texas

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other [T] Deep Shallow [D]

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 300 [X] Trans. of water no. ____

Descrip. MP MEASURING PIPE ? ft above below LSD. Alt. MP 63'

Alt. LSD: 63' [63] Accuracy (source): Topo 5' [3]

Water Level 190.20 ft above below MP; Ft above below LSD [190] Accuracy: Meas [A]
(10 min. static)

Date meas: 9-19-53 [953] Yield: 2232? gpm [2232] Method determined [4]
(P.L. 258.01)

Drawdown: 68 ft [68] Accuracy: Meas [O] Pumping period 96 hrs [96]

QUALITY OF WATER DATA: Iron ____ ppm Sulfate ____ ppm Chloride ____ ppm Hard. ____ ppm

Sp. Conduct ____ K x 10^6 Temp. ____ °F Date sampled ____

Taste, color, etc. ____

Well No. LJ-65-21-201

491-2/1125
Southwest #9

4410 West Park Drive

Water Quality Sampling Run

SWN: 65-21-201

County: Harris

Aquifer(s):

Sample No. 658

Date: 6/11/90 16:00

By: D.R. Jones

	Bottle 1	Bottle 2	Bottle 3	Bottle 4	Bottle 5	Bottle 6	Bottle 7	Total
	1 liter Anions	1 liter Cations/HM	1 gallon Radioactivity	500 ml Nitrate/ Phosphate	2 Qt.(glass) (TOC) Organics	500 ml Cyanide		Sub-Samples
		2ml	5ml	1 ml	unfiltered			All filtered unless otherwise stipulated. All on ice.
Preserve with:	--	HNO_3 (Nitric)	HNO_3 (Nitric)	H_2SO_4 (Sulfuric)	--	NaOH (Sodium Hydroxide)	KEY PUNCHED	

Water Level _____ LSD

Temperature (00010) 25.0 °C

Specific Conductance (00094) 507 µmhos/cm

pH (00400) 7.37 @ 25.0 °C

Eh (00090) 114.8 mv @ 25.0 °C

Phenol ALK (82244) 0 mg/l

Total ALK (00431) 192 mg/l

Carbonate (00452) 0 meq/l 0 mg/l

Bicarbonate (00453) _____ meq/l 234 mg/l

Total Cations (+) _____

Total Anions (-) _____

Total Hardness (46570) 164

Dissolved Solids (70301) 307 calc. (339 meter)

Notes & Calculations

9.6 ml acid to 50 ml sample: pH 4.49

890091-B

Well No. LJ-65-21-201

Latitude-longitude 29 d, 43 m, 38 s 095 d, 27 m, 04 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: COASTAL PLAINS (20–21) 03 Section: ____

F (22) Drainage Basin: ____ (23–25) 511R Subbasin: ____ (26)

Topo of well site: (D) depression, (C) stream channel, (S) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat ____ (27)

MAJOR AQUIFER: ____ system, ____ series, T (28–29) ____ aquifer, formation, group E (30–31) ✓

Lithology: ____ (32–33) Origin: ____ (34) Aquifer Thickness: ____ ft

(35–37) Length of well open to: 283 ft ✓ 283 (38–40) Depth to top of: ____ ft (41–43)

MINOR AQUIFER: ____ system, ____ series, Q (44–45) ____ aquifer, formation, group CL (46–47) ✓

Lithology: ____ (48–49) Origin: ____ (50) Aquifer Thickness: ____ ft

(51–53) Length of well open to: ____ ft (54–56) Depth to top of: ____ ft (57–59)

Intervals Screened: 554'-574', 580'-590', 600'-671', 741'-791', 811'-881', 910'-931', 980'-1011'

Depth to consolidated rock: ____ ft (60–63) Source of data: ____ (64)

Depth to basement: ____ ft (65–68) Source of data: ____ (69)

Surficial material: ____ (70–71) Infiltration characteristics: ____ (72)

Coefficient Trans: ____ gpd/ft (73–75) Coefficient Storage: ____ (76–78)

Coefficient Perm: ✓ ____ gpd/ft^2; Spec cap: ✓ ____ gpm/ft; Number of geologic cards: ____ (79)

SCREENS:
1021'-1031'

CSG
0-513 = 24"
426-1051 = 12¾"

ONE HOUR RECOVERY TEST
9-26-68

GPM = 1684
PL = 331.9
SL = 279.5
T = 103,100

331.9
279.5
52.4

SP. CAP. = 32
PUMPED 96 HRS.

Well No. LJ-65-21-201

GPO 857-700

491-2/1125
South West #9

4430 West Park Drive

Water Quality Sampling Run

SWN: 65-21-201

County: Harris

Aquifer(s):

Sample No. 658

Date: 6/11/90 16:00

By: D.R. Jones

	Bottle 1	Bottle 2	Bottle 3	Bottle 4	Bottle 5	Bottle 6	Bottle 7	Total
	1 liter Anions	1 liter Cations/HM	1 gallon Radioactivity	500 ml Nitrate/ Phosphate	2 Qt.(glass) (TOC) Organics	500 ml Cyanide		Sub-Samples
		2ml	5ml	1 ml	unfiltered			All filtered unless otherwise stipulated. All on ice.
Preserve with:	--	HNO_3 (Nitric)	HNO_3 (Nitric)	H_2SO_4 (Sulfuric)	--	NaOH (Sodium Hydroxide)		

Water Level _____ LSD

Temperature (00010) 25.0 °C

Specific Conductance (00094) 507 µmhos/cm

pH (00400) 7.37 @ 25.0 °C

Eh (00090) 114.8 mv @ 25.0 °C

Phenol ALK (82244) 0 mg/l

Total ALK (00431) 192 mg/l

Carbonate (00452) 0 meq/l 0 mg/l

Bicarbonate (00453) _____ meq/l 234 mg/l

Total Cations (+) _____

Total Anions (-) _____

Total Hardness (46570) 164

Dissolved Solids (70301) 307 calc. (339 meter)

Notes & Calculations

9.6 ml acid to 50 ml sample: pH 4.49

890091-B

Texas Water Development Board

Chemical Water Analysis Report

HM- DRJ 194 658

HM = Heavy Trace and Alkaline-Earth Metals

TWDB Use Only

Work No. 328-3202

IAC No.

Southwest #9

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: P. Nordstrom

State Well Number: 65 21 201

County: Harris

Date & Time: 6/11/90 16:00

Owner: City of Houston

X Send Copy To Owner c/o Tony Baker

Address: PO Box 1560 Houston, 77251

Sampled After Pumping: PGA Hours

Date Drilled: Depth:

Yield: GPM ☐ Measured ☐ Estimated

Collection Point: FAW pH 7.37

Use: PS Temperature: 25.0 °C

By: D.R. Jones

Specific Conductance: 507

Requested Chem[redacted]

Laboratory No.: [redacted]

Date Received: JUN 15 1990

Date Reported: JUL 18 1990

KEY PUNCHED

		me/l	mg/l			me/l	mg/l
Calcium	(00915)		46	Sodium	(00930)		48
Magnesium	(00925)		12	Potassium	(00935)		2.9

		µg/l				µg/l
Aluminum	(01106)	<50		Manganese	(01056)	<20
Arsenic	(01000)	<10		Mercury	(71890)	<0.2
Barium	(01005)	216	✓	Molybdenum*	(01062)	<20
Cadmium	(01025)	<10		Selenium	(01145)	6
Chromium	(01030)	<20		Silver	(01075)	<10
Copper	(01040)	<20	✓	Strontium*	(01080)	780
Iron	(01046)	<20	✓	Vanadium*	(01085)	<20
Lead	(01049)	<50		Zinc	(01090)	<20

* Do not analyze unless it is checked.
Note: Crossout those elements not to be analyzed.

890091-E

Texas Water Development Board

Chemical Water Analysis Report

RAD DRT 1990. 658
RAD = Radioactivity Sample

TWDB Use Only	
Work No.	320-3202
IAC No.	

Southwest #9

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: P. Nordstrom
State Well Number: 6521 201
County: Harris
Date & Time: 6/11/90 16:00
Owner: City of Houston
X Send Copy To Owner % Tony Baker
Address: PO Box 1562 Houston, 77251
Sampled After Pumping: PA Hours
Date Drilled: Depth: Yield: GPM ☐ Measured ☐ Estimated
Collection Point: FAW pH 7.37
Use: PS Temperature: 25.0 °C
By: D.R. Jones
Specific Conductance: 507

Requested Chemical Analysis
Laboratory No.: [redacted]
Date Received: JUN 1 1990
Date Reported: OCT 15 1990

Alpha	(01503)	9.0 ± 3.1	pCi/l
Beta	(03503)	<6.0	pCi/l
Radium 226	(09503)	1.0 ± 0.2	pCi/l
Radium 228	(81366)	<1.0	pCi/l
Total Radium*	(11500)		pCi/l
Thorium*	(26403)		pCi/l
Uranium*	(22703)		pCi/l

* Do not analyze unless it is checked *yes*.

890091-P

Texas Water Development Board

Chemical Water Analysis Report

MISC- DRJ-1990-658

TWDB Use Only	
Work No.	320.3202
IAC No.	

Southwest #9

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: P. Nordstrom

State Well Number: 6521201

County: Harris

Date & Time: 6/11/90 16:00

Owner: City of Houston

X Send Copy To Owner C/o Tony Baker

Address: PO Box 1560 Houston, 77251

Sampled After Pumping: POR Hours

Date Drilled: _____ Depth: _____ Yield: _____ GPM ☐ Measured ☐ Estimated

Collection Point: FAU pH 7.37 Use: P.S. Temperature: 25.0 °C

By: D.R. Jones

Specific Conductance: 507

Requested Chem[redacted]

Laboratory No.: [redacted]

Date Received: JUN 15 1990

KEY PUNCHED

Date Reported: JUL 18 1990

~~TOC~~ MS

890091-A

TEXAS DEPARTMENT OF HEALTH
GC/MS ANALYSIS REPORT
EPA PRIORITY POLLUTANTS

ANALYST: P. Hamlett DATE: 7-17-90

TOH SAMPLE NUMBER: EB0-1566
TWC SAMPLE NUMBER:

* DETECTION LIMITS ARE APPROXIMATE

SAMPLE TYPE: Water

SAMPLE CONDITION: intact

ACID EXTRACTABLES IN (CHECK ONE) (✓) MICROGRAMS/LITER ( ) MILLIGRAMS/KILOGRAM :

NAME	AMT	NAME	AMT	NAME	AMT
PHENOL	<11	4-CHLORO-3-CRESOL	<11	4-NITROPHENOL	<21
CHLOROPHENOL		2,4,6-TRICHLOROPHENOL		2,6-DINITRO-2-CRESOL	
2-NITROPHENOL		2,4-DIMETHYLPHENOL		PENTACHLOROPHENOL	
2,4-DICHLOROPHENOL		2,4-DINITROPHENOL	<21		

BASE NEUTRAL EXTRACTABLES IN (CHECK ONE) (✓) MICROGRAMS/LITER ( ) MILLIGRAMS/KILOGRAM :

NAME	AMT	NAME	AMT	NAME	AMT
N-NITROSO-N-DIMETHYLAMINE	<5	ACENAPHTHYLENE	<5	FLUORANTHENE	<5
bis-(2-CHLOROETHYL) ETHER		DIMETHYL PHTHALATE		PYRENE	
1,3-DICHLOROBENZENE		2,6-DINITROTOLUENE		BENZIDINE	
1,4-DICHLOROBENZENE		ACENAPHTHENE		BUTYLBENZYL PHTHALATE	3*
1,2-DICHLOROBENZENE		2,4-DINITROTOLUENE		BENZ(a)ANTHRACENE	<5
bis-(2-CHLOROISOPROPYL)ETHER		FLUORENE		CHRYSENE	
HEXACHLOROETHANE		4-CHLOROPHENYL PHENYL ETHER		3,3'-DICHLOROBENZIDINE	
N-NITROSO-DI-n-PROPYLAMINE		DIETHYL PHTHALATE		bis-(2-ETHYLHEXYL)PHTHALATE	
NITROBENZENE		DIPHENYLAMINE		DI-n-OCTYL PHTHALATE	
ISOPHORONE		N-NITROSODIPHENYLAMINE		BENZO(b)FLUORANTHENE	
bis-(2-CHLOROETHOXY)METHANE		1,2-DIPHENYLHYDRAZINE		BENZO(k)FLUORANTHENE	
1, 2, 4-TRICHLOROBENZENE		4-BROMOPHENYL PHENYL ETHER		BENZO(a)PYRENE	
NAPHTHALENE		HEXACHLOROBENZENE		INDENO(1,2,3-cd)PYRENE	
HEXACHLOROBUTADIENE		PHENANTHRENE		DIBENZ(a,h)ANTHRACENE	
HEXACHLOROCYCLOPENTADIENE		ANTHRACENE		BENZO(ghi)PERYLENE	
2-CHLORONAPHTHALENE		DI-n-BUTYL PHTHALATE			

PESTICIDES IN (CHECK ONE) (✓) MICROGRAMS/LITER ( ) MILLIGRAMS/KILOGRAM :

	AMT	NAME	AMT	NAME	AMT
alpha-BHC	<11	ALDRIN	<11	beta-ENDOSULFAN	<21
gamma-BHC		4-4'-DDE		ENDOSULFAN SULFATE	
beta-BHC		DIELDRIN		ENDRIN	
delta-BHC		4,4'-DDD		alpha-ENDOSULFAN	
HEPTACHLOR		4,4'-DDT		HEPTACHLOR EPOXIDE	
ENDRIN ALDEHYDE					

VOLATILE ORGANICS IN (CHECK ONE) ( ) MICROGRAMS/LITER ( ) MILLIGRAMS/KILOGRAM :

NAME	AMT	NAME	AMT	NAME	AMT
CHLOROMETHANE		1,2-DICHLOROETHANE		1,1,2-TRICHLOROETHANE	
BROMOMETHANE		CARBON TETRACHLORIDE		2-CHLOROETHYLVINYL ETHER	
VINYL CHLORIDE		BROMODICHLOROMETHANE		TRICHLOROETHYLENE	
CHLOROETHANE		BENZENE		BROMOFORM	
METHYLENE CHLORIDE		DIBROMOCHLOROMETHANE		TOLUENE	
		1,1,1-TRICHLOROETHANE		ETHYLBENZENE	
		1,2-DICHLOROPROPANE		1,1,2,2-TETRACHLOROETHANE	
		trans-1,3-DICHLOROPROPYLENE		TETRACHLOROETHYLENE	
		cis-1,3-DICHLOROPROPYLENE		CHLOROBENZENE	
				TOTAL XYLENES	

TENTATIVE IDENTIFICATION OF THE TEN LARGEST NON-PRIORITY POLLUTANT PEAKS BY COMPARISON WITH EPA/NIH MASS SPECTRAL LIBRARY. QUANTITATION AS INTERNAL STANDARD IS PROVIDED, AND THE VALUES SHOULD BE REGARDED AS APPROXIMATE.

TENTATIVE COMPOUND IDENTIFICATION	APPROXIMATE CONCENTRATIONS (✓) MICROGRAMS/LITER ( ) MILLIGRAMS/KILOGRAM AS D10-ANTHRACENE
SEMI-VOLATILES	
Benzamide, n-propyl	3 (2 peaks)
VOLATILES	AS D5-CHLOROBENZENE

KEY PUNCHED

* COMMON LAB CONTAMINANTS
** REPORTED AT LESS THAN QUANTITATION LIMITS

COMMENTS AND OTHER REQUESTED ANALYSIS:

SIGNATURE: [illegible] DATE: 17 July

Texas Water Development Board

Chemical Water Analysis Report

GWN-DRJ-199-658
(Nitrogen Cycle)

TWDB Use Only
Work No. 320-3202
IAC No.

Southwest #9

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: P. Nordstrom
State Well Number: 6521201
County: Harris
Date & Time: 6/11/90 16:00
Owner: City of Houston
X Send Copy To Owner c/o Tony Baker
Address: PO Box 1560 Houston, 77251
Sampled After Pumping: PO A Hours
Date Drilled: Depth: Yield: GPM ☐ Measured ☐ Estimated
Collection Point: FAW pH 7.37 Use: P.S. Temperature: 25.0 °C
By: D.R. Jones
Specific Conductance: 507

Requested Che[redacted]

Laboratory No.: [redacted] Date Received: JUN 15 1990 Date Reported: JUN 7 1990 KEY PUNCHED

THD-Sample No. EB0 1514 Date Received 06/15/90 Date Reported 06/26/90

		MG/L			MG/L
Nitrate as N	(00618)	0.12			
KJE as N	(00623)	< 0.1	Ammonia as N	(00608)	0.02
			Nitrite as N	(00613)	< 0.01
			Orthophosphate as P	(00671)	< 0.01

*Note: To convert NO_3-N to NO_3, multiply by 4.427.

890091-D

Texas Water Development Board

Chemical Water Analysis Report

GWR- DRJ.1990 658
(Anions)

TWDB Use Only
Work No. 320-7202
IAC No. _____

South west #9

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: P. Nordstrom
State Well Number: 6521 201
County: Harris
Date & Time: 6/14/90 16:00
Owner: City of Houston
☒ Send Copy To Owner c/o Tony Baker
Address: PO Box 1562 Houston, 77251
Sampled After Pumping: P OA Hours
Date Drilled: _____ Depth: _____ Yield: _____ GPM ☐ Measured ☐ Estimated
Collection Point: FAW pH 7.37 Use: PS Temperature: 35.0 °C
By: D.R. Jones
Specific Conductance: 507

Requested Chemical Analysis

Laboratory [redacted] Date Received: JUN 15 1990 Date Reported: JUL 19 1990

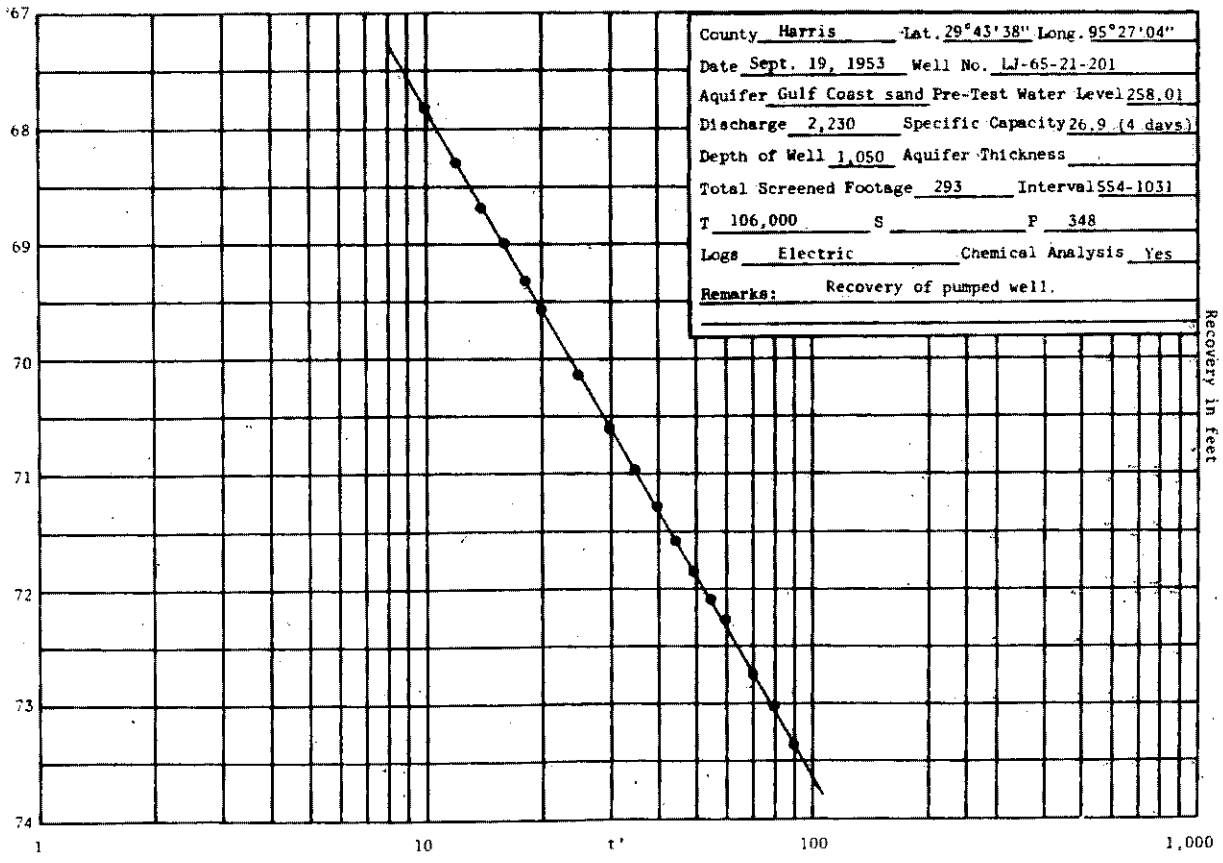
KEY PUNCHED

THD-Sample No. EBO 1612 Date Received 06/15/90 Date Reported 07/18/90

		MG/L
Silica	(00955)	25
P.Akalinity	(00415)	0
T.Akalinity	(00410)	197

		MG/L
Sulfate	(00946)	14
Chloride	(00941)	41
Fluoride	(00950)	0.21
Iodide	(71865)	< 0.1
Boron	(*****)	0.26
Bromide	(71870)	< 0.01

890091-C


County Harris Lat. 29°43'38" Long. 95°27'04"
Date Sept. 19, 1953 Well No. LJ-65-21-201
Aquifer Gulf Coast sand Pre-Test Water Level 258.01
Discharge 2,230 Specific Capacity 26.9 (4 days)
Depth of Well 1,050 Aquifer Thickness
Total Screened Footage 293 Interval 554-1031
T 106,000 S P 348
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
67
68
69
70
71
72
73
74
1
10
t'
100
1,000
Recovery in feet

WRD Exp. (GW)
April 1966

Well No. J-65-21-202

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

(0)

MASTER CARD (T. BROWN)

Record by W. L. NAFTEL (10-61) Source of data FILES Date 2-21-68 Map 1:24000 Bellaire 1955

State Texas [48] County (or town) Harris [LJ]

Latitude: 29 43 48 N S Longitude: 095 27 04 E Sequential number: 1

Lat-long accuracy: 1 T. ___ S, R ___ W, Sec ___, k, ___, k, ___, k

Local well number: LJ-65-21-202 Other number: B & M So. West #10

Local use: Owner or name: CITY OF HOUSTON

Owner or name: CITY OF HOUSTON Address:

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) Agency, (W) Water Dist — M

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — P

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (O) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (S) Destroyed — W

DATA AVAILABLE: Well data 1 Freq. W/L meas.: Annual (1954) A Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 8-3-53 A Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: E-LOG AA-3 E

WELL-DESCRIPTION CARD — TEST HOLE 2504'

SAME AS ON MASTER CARD Depth well: 1965 ft 1965 Meas. (est) Driller accuracy 3

Depth cased (first perf.): 1069 ft 1069 Casing type: S; Diam. 24-12 3/4 in 24

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, sd. pt., (W) shored, (X) open hole, (Z) other — G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot, (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other — H

Date Drilled: 7-22-53 953 Pump intake setting: ft

Driller: LAYNE-TEXAS CO., HOUSTON, TEXAS (name, address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.) (M) multiple, (turb.) (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other — T Deep Shallow D

Power (type): diesel, elec, nat gas, gasoline, band, LP gas, wind; H.P. ~~250~~ 300 Trans. or meter no.

Descrip. MP ft above below LSD. Alt. MP

Alt. LSD: 63' 63 Accuracy (source): Topo 5' 3

Water Level 242.15 ft above below MP; Ft above below LSD 242 Accuracy: Meas A

Date meas: 10-9-53 (P.L. 310.66) 053 Yield: 2204 gpm 2204 Method determined 4

Drawdown: 58.5 ft 59 Accuracy: Meas 0 Pumping period 96 hrs 96

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard. ppm

Sp. Conduct K x 10^6 Temp. °F Date sampled

Taste, color, etc.

Well No. LJ-65-21-202

Well No. LJ-6[illegible]-21-202

Latitude-longitude 29 d, 43 m, 48 s 095 d, 27 m, 04 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: COASTAL PLAINS 03 (20–21) Section:

F (22) Drainage Basin: 51 (23–25) R Subbasin: (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat (27)

MAJOR AQUIFER: system, series T (28–29) E (30–31) aquifer, formation, group

Lithology: (32–33) Origin: (34) Aquifer Thickness: ft

(35–37) Length of well open to: 372 ft 372 (38–40) Depth to top of: ft (41–43)

MINOR AQUIFER: system, series (44–45) (46–47) aquifer, formation, group

Lithology: (48–49) Origin: (50) Aquifer Thickness: ft

(51–53) Length of well open to: ft (54–56) Depth to top of: ft (57–59)

* Intervals Screened: 1069-1150 (81), 1168-1190 (22), 1259-1304 (45), 1415-1487 (72), 1720-1736 (16)

Depth to consolidated rock: ft (60–63) Source of data: (64)

Depth to basement: ft (65–68) Source of data: (69)

Surficial material: (70–71) Infiltration characteristics: (72)

Coefficient Trans: gpd/ft (73–75) Coefficient Storage: (76–78)

Coefficient Perm: gpd/ft^2; Spec cap: gpm/ft; Number of geologic cards: (79)

* SCREENS
1765-1810 (45)
1825-1875
1905-1946 (41)

C59
0-60[illegible] = 24"
501-1965 = 12 3/4"

RECOVERY TEST (ONE HOUR)
9-27-68
GPM = 1335
PL = 378
SL = 338.8
T = 70,700
SP. CAP. = 34.1

378
338.8
39.2

Well No. LJ-65-21-202

GPO 857-700

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020989

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 43 48	095 27 04	01

County code 201 County Harris

Well # LJ-65-21-202

Project number 7-4648-01000

Date 2-14-77 Time ____ Temp°C 29.5

Owner City of Houston

Address South West #10

Date drld 1953 WBF code 121 Grgl

Sample interval: (top) 1069 (bottom) 1946

Water level ____ Appr Clear Use PS

Collector Butler Yield ____ GPM

Smpld aftr pmpg ____ Depth —

Pt of coll tap on discharge

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I

Other ____

Herbicide ____ Insecticide ____

Remarks:

Type 2 (1) Station identification number 29 43 48 095 27 04 01 (2–16)

Y M D (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	1069	04	
Sample interval BOTTOM	72016	1946	04	
Water level	72019			

Sampled after pumping	Parameter code	Value	Exp.	Rmk	
	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2950	02		27.5
pH	00400	7800	01		7.8
Specific conductance	00095	6500	03		650
HCO_3	00440	3120	03		312
CO_3	00445	0000	01		0
Chloride (Cl)	00940	5400	02		54
Sulfate (SO_4)	00945	9200	01		9.2
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31625				
Strep-tococci	31673				
BOD	00310				

AA-739
(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017569

Latitude ° ' "	Longitude ° ' "	Seq. No.
294348	0952704	01

County code 201 County Harris

Well # LJ-65-21-202

Project number 4648.01000

Date 2-9-76 Time — Temp°C 29.5

Owner City of Houston

Address South West #10

Date drld — WBF code 131EVCL

Sample interval: (top) 1069 (bottom) 1946

Water level — Appr clear Use PS

Collector Nattel Yield — GPM

Smpld aftr pmpg on arrival Depth —

Pt of coll tap on discharge

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I

Other

Herbicide Insecticide

Remarks:

Type 2 (1) Station identification number 294348095270401 (2–16)

Y M D 760209 (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk	
Depth	72008				
Yield (GPM)	00059				
Sample interval TOP	72015	1069	04		
Sample interval BOTTOM	72016	1946	04		
Water level	72019				

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2950	02		29.5
pH	00400	7900	01		7.9
Specific conductance	00095	6420	03		642
HCO_3	00440	3060	03		306
CO_3	00445	0000	01		0
Chloride (Cl)	00940	5200	02		52
Sulfate (SO_4)	00945	1100	02		11
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

Austin, Texas

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 43 48	095 27 04	01

County code ~~TJ~~ 201 County Harris

Well # TJ-65-21-202

Project number 5-4648-01000

Date 2-4-75 Time _____ Temp°C 29.5

Owner City of Houston

Address Southwest #10

Date drld 7-22-53 WBF code 121EVCL

Sample interval: (top) 1069 (bottom) 1946

Water level _____ Appr _____ Use PS

Collector Naftel Yield _____ GPM

Smpld aftr pmpg on arrival Depth 1965

Pt of coll faucet on pipe

Field: Cond _____ pH _____ HCO_3 _____ DO _____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule I + SO4

Other _____

Herbicide _____ Insecticide _____

Remarks:

Type 2 (1) Station identification number 294348095270401 (2–16)

Y M D 75 02 04 (17–22) Begin

Time of measurement _____ (29–32)

	Parameter code	Value	Exp.	Rmk	
Depth	72008	1965	04		
Yield (GPM)	00059				
Sample interval TOP	72015	1069	04		
Sample interval BOTTOM	72016	1946	04		
Water level	72019				
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2950	02		
pH	00400	7900	01		7.9
Specific conductance	00095	6350	03		635
HCO_3	00440	3000	03		30
CO_3	00445	0000	01		0
Chloride (Cl)	00940	5000	02		50
Sulfate (SO_4)	00945	1000	02		10
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				
4.96					

Austin, Texas

019983

Latitude ° ' "	Longitude ° ' "	Seq. No.
294348	0952704	01

nty code 101 County HARRIS

Well # LJ 65-21-202

Project number T4648-01000

Date 9-22-76 Time 1305 Temp°C 26.5

Owner CITY OF HOUSTON

Address SOUTHWEST #10

Date drld 7-22-53 WBF code EVGL

Sample interval: (top) 1069 (bottom) 1946

Water level — Appr CLEAR Use PS

Collector PETERS Yield 1525 GPM

Smpld aftr pmpg ON ARRIVAL Depth —

Pt of coll TAP ON DISCH. PIPE

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

chem schedule I

Other

Herbicide Insecticide

Remarks:

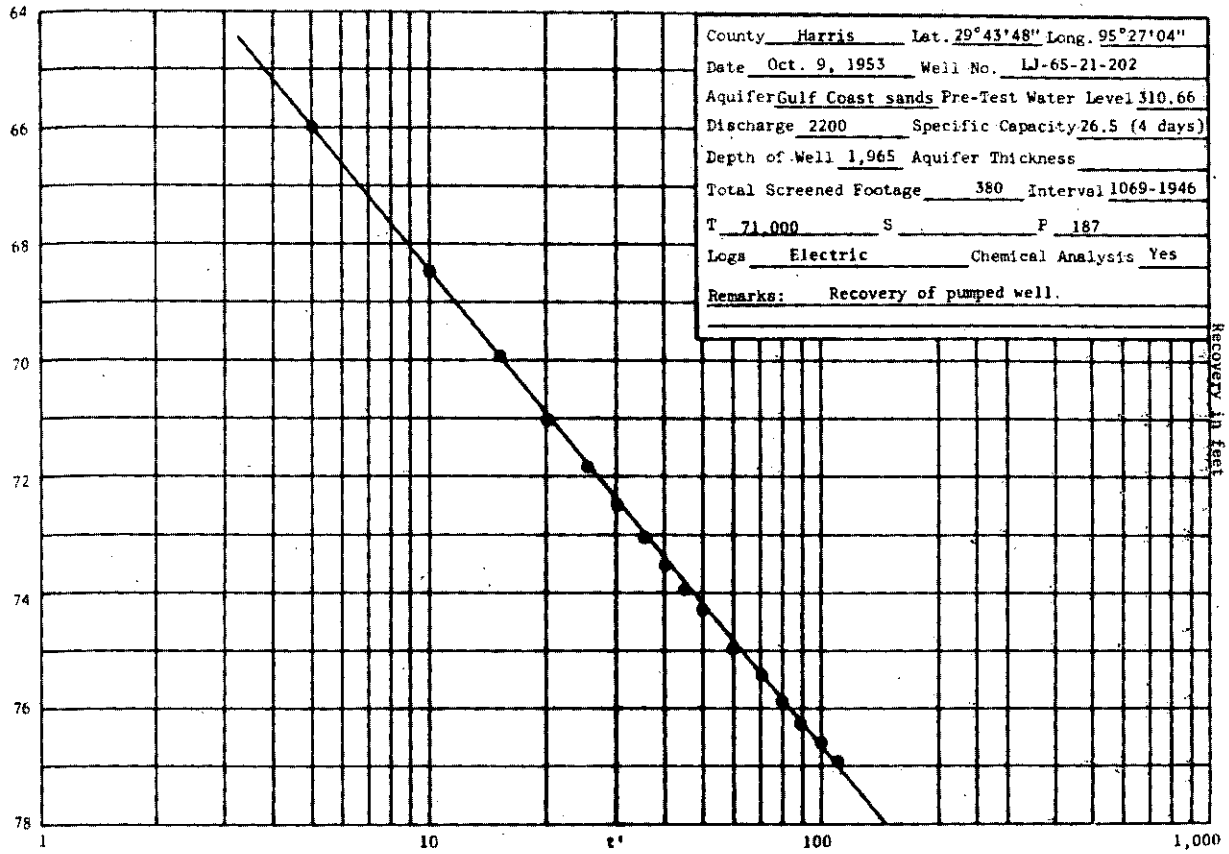
Type 2 (1) Station identification number 294348095270401 (2–16)

Y M D 760922 (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	1069	04	
Sample interval BOTTOM	72016	1946	04	
Water level	72019			

Sampled after pumping	Parameter code	Value	Exp.	Rmk	
	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2650	02		26.5
pH	00400	7800	01		7.8
Specific conductance	00095	6510	03		651
HCO_3	00440	3120	03		312
CO_3	00445	0000	01		0
Chloride (Cl)	00940	5300	02		53
Sulfate (SO_4)	00945	6800	01		6.8
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				



County Harris Lat. 29°43'48" Long. 95°27'04"

Date Oct. 9, 1953 Well No. LJ-65-21-202

Aquifer Gulf Coast sands Pre-Test Water Level 310.66

Discharge 2200 Specific Capacity 26.5 (4 days)

Depth of Well 1,965 Aquifer Thickness

Total Screened Footage 380 Interval 1069-1946

T 71,000 S P 187

Logs Electric Chemical Analysis Yes

Remarks: Recovery of pumped well.

WRD Exp. (GW)
April 1966

Well No. LJ-65-21-230

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by RS SOWERSHEW Source of data OBS & DRILLER Date 3-6-80 Map BELLAIRE, TEX 1967 1:24,000

State TEXAS [48] County (or town) HARRIS [LJ]

Latitude: 29 43 38 N (deg min sec) Longitude: 095 27 04 (degrees min sec) Sequential number: 3

Lat-long accuracy: 1 T___ S, R___ W, Sec___, ___ ¼, ___ ¼, ___ ¼

Local well number: LJ-65-21-230 Other number: B & M SOUTHWEST NO 2

Local use: Owner or name: HARRIS-GALVESTON COASTAL SUBSIDENCE DISTRICT

Owner or name: HGCSD Address: 1730 NASA RD 1

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [5]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other [U]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed. [Ø]

DATA AVAILABLE: Well data [2] Freq. W/L meas.: MONTHLY [M] Field aquifer char. [ ]

Hyd. lab. data: [ ]

Qual. water data; type: partial [P]

Freq. sampling: ORIGINAL [Ø] Pumpage inventory: yes (no) period: [ ]

Aperture cards: yes [ ]

Log data: DRILLER'S [D]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1943 ft [1943] Meas. rept [3]

Depth cased (first perf.): 1928 ft [1928] Casing type: steel; Diam. 4½-2½ in [4]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other [5]

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other [H]

Date Drilled: MAR 1980 [980] Pump intake setting: NONE ft [ ]

Driller: LAYNE WESTERN CO. (name), HOUSTON, TX (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other [N] Deep Shallow [ ]

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. — [ ] Trans. or meter no. [ ]

Descrip. MP top of csng +2.5 ft above below LSD, Alt. MP [ ]

Alt. LSD: 64 [64] Accuracy (source): 5' TOPO [3]

Water Level 383.72 ft above below MP; ft above below LSD [384] Accuracy: steel tape [A]

Date meas: 4-15-80 [480] Yield: 34 gpm [34] Method determined [L]

Drawdown: ___ ft [ ] Accuracy: [ ] Pumping period [ ] hrs [ ]

QUALITY OF WATER DATA: Iron [ ] ppm pH 8.8 [9] Chloride [ ] ppm HCO3 Hard. 380 ppm [7]

Sp. Conduct 880 K x 10⁶ [4] Temp. 75 °F [75] Date sampled 3-5-80 [380]

Taste, color, etc.

Well No.

Well No. LJ-65-21-230

Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: COASTAL PLAIN (20–21) 03 Section: WEST GULF

(22) F Drainage Basin: (23–25) 51R Subbasin: (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (Φ) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat (27) F

MAJOR AQUIFER: system, series (28–29) TF EVANGELINE aquifer, formation, group (30–31) E

Lithology: (32–33) S Origin: (34) 3 Aquifer Thickness: 36 ft

(35–37) 36 Length of well open to: 10 ft (38–40) 10 Depth to top of: 1920 ft (41–43) 192

MINOR AQUIFER: system, series (44–45) aquifer, formation, group (46–47)

Lithology: (48–49) Origin: (50) Aquifer Thickness: ft

(51–53) Length of well open to: ft (54–56) Depth to top of: ft (57–59)

Intervals Screened: 1928-1938 SSWW No.10 GA 2½" OD

Depth to consolidated rock: ft (60–63) Source of data: (64)

Depth to basement: ft (65–68) Source of data: (69)

Surficial material: (70–71) Infiltration characteristics: (72)

Coefficient Trans: gpd/ft (73–75) Coefficient Storage: (76–78)

Coefficient Perm: gpd/ft^2; Spec cap: gpm/ft; Number of geologic cards: (79)

sample for water quality obtained by jetting with air.

orig test drilled to 2,450

Well No.

GPO 857-700

DUP

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-21-2E
Located on map YES
Received: TH

1) OWNER ~~Harris-Galveston Coastal~~ Subsidence District (Name) Address P. O. Box 58847 (Street or RFD) Houston (City) Texas (State) 77058 (Zip)

2) LOCATION OF WELL:
County Harris 5 miles in S.W. (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☒ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
#5
Date drilled 4-4-80

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
7-7/8	Surface	253

From (ft.)	To (ft.)	Description and color of formation material
See Attached		

(Use reverse side if necessary)

7) BOREHOLE COMPLETION:
☐ Open Hole ☒ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4½	N	Steel	+2	233	.237
2½	N	Steel	223	238	
2½	N	SST Screen	238	248	
2½	N	Steel	248	253	

CEMENTING DATA
Cemented from 0 ft. to 233 ft.
Method used Pressure
Cemented by Halliburton (Company or Individual)

9) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Lead Depth 223

11) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☒ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME James O'Connor (Type or Print) Water Well Drillers Registration No. 999

ADDRESS 5931 Brittmoore (Street or RFD) Houston (City) Texas (State) 77041 (Zip)

James O'Connor (Water Well Driller) LAYNE-WESTERN COMPANY, INC. (Company Name)

Attach electric log, chemical analysis, and other pertinent information, if available.

65-21-230

12 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

K.R.

Layne-Western Company, Inc. A Marley Company

P.O. Box 79009 · Houston, Texas 77079 · 713/466-5001

HARRIS-GALVESTON COASTAL SUBSIDENCE DISTRICT
Southwest Plant Site

WELL #2
M-872

0	Surface
3	Clay
31	Sand Clay Strips
100	Clay
215	Sand
240	Clay & Sand strips
326	Sand
415	Clay & Sand Strips
440	Sand
546	Clay & Sand Strips
650	Clay & Shale
730	Clay & Sand
960	Clay
991	Sand & Shale
1020	Sand & Clay
1080	Sand & Shale
1505	Clay & Shale
1590	Shale & Sand
1630	Clay & Shale
1705	Shale & Sand
1820	Sand & Clay & Shale
1900	Shale & Sand
1928	Sand
1943	T.D.

65-21-230

EXHIBIT C

SUBSIDENCE MONITOR/PIEZOMETERS

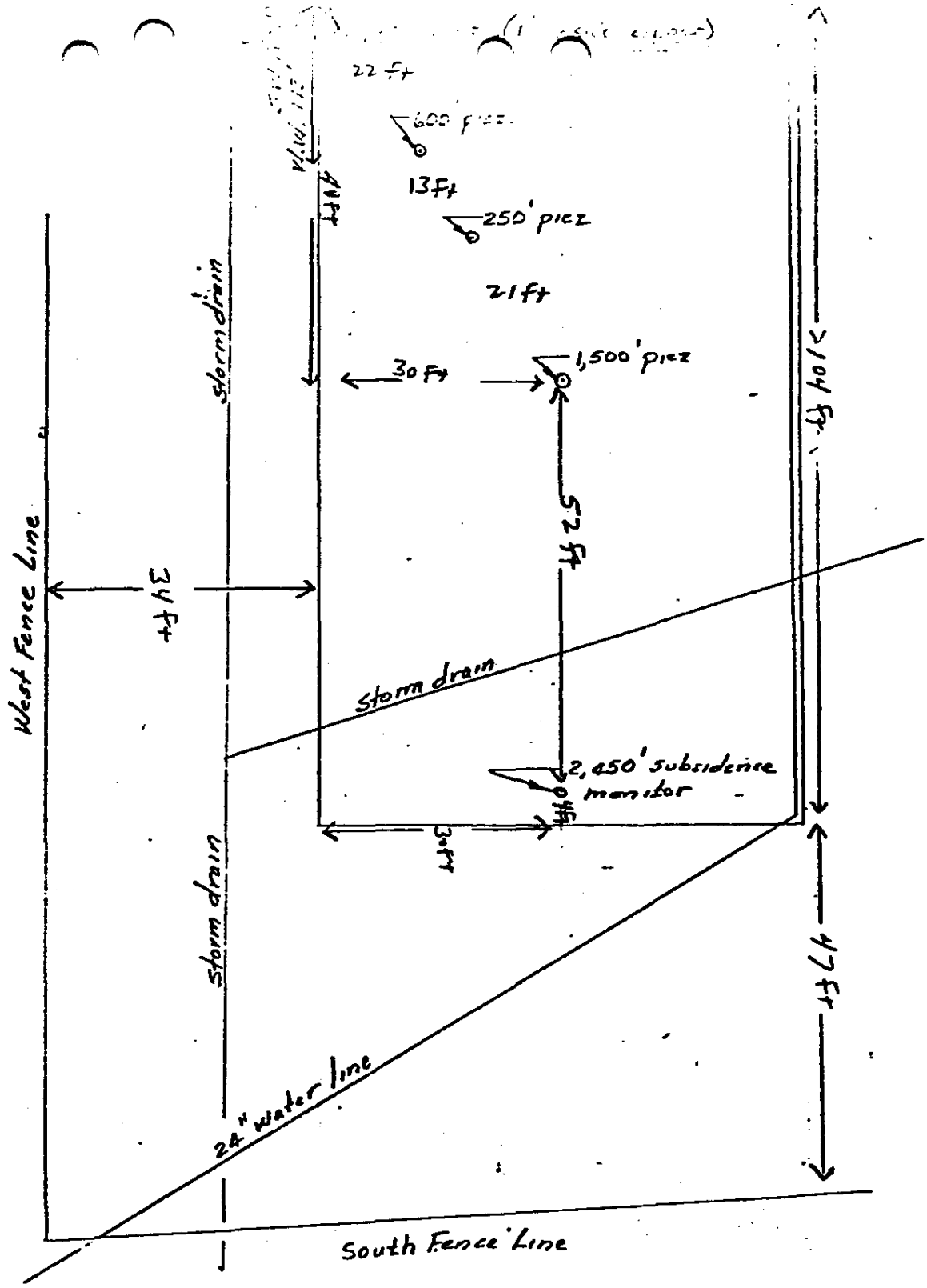
WELL SYSTEM CONSTRUCTION SITE

SOUTHWEST

The construction site is located adjacent to, and west of, the concrete lined drainage ditch running north to south in the City of Houston Southwest Well Field Plant Yard; said Plant Yard being an 11.89-acre tract located in the M. B. Gray Survey, Abstract 284, bounded on the north side by U. S. Highway 59 (the Southwest Freeway), on the west side by Newcastle, and on the southside by Westpark Drive.

60' along property line

65-21-230



Entrance to plant yard

Southwest site
Layout of piezometers and subsidence monitor
Scale: 1" = 20'

65-21-230

HOUSTON
WEST UNIVERSITY PLACE
SOUTHSIDE PLACE
HERMANN PARK
1973

65-13-2E GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-2
Located on map
Received:
Form GW 8
Form GW 9

1) OWNER:
Person having well drilled Key Oil Co. (Name) Address P.O. Box 123 (Street or RFD) Houston, Texas (City) (State)

Landowner Same (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris Labor League Abstract No.

NW¼ NE¼ SW¼ SE¼ of Section Block No. Survey
(Circle as many as are known)

miles in (N.E., S.W., etc.) direction from (Town).

NORTH

See reverse side.

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☒ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☐ Industrial ☒ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check):
Rotary ☒ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG:
Diameter of hole 4 in. Depth drilled 360 ft. Depth of completed well 360 ft. Date drilled 127-69

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	From (ft.)	To (ft.)	Description and color of formation material
0	48	Surface & red clay	240	290	Yellow sandy clay
48	96	Red clay - few sand breaks	290	297	Sand
96	120	Yellow ~~sandy~~ clay	297	324	Tough gumbo
120	144	Sand broken loose	324	360	Sand
144	182	Yellow clay			
182	192	Sand loose broken			
192	230	Yellow clay			
230	240	Hard sand rock broken			(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall ☒ Gravel packed ☐ Other ☐
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level 200 ft. below land surface Date 1-27-69
Artesian pressure lbs. per square inch Date

9) CASING:
Type: old ☐ New ☒ Steel ☒ Plastic ☐ Other ☐
Cemented from 0 ft. to 339 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	339	

10) SCREEN:
Type Stainless Steel
Perforated ☒ Slotted ☐

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size
2½" screen	360	350	.016

11) WELL TESTS:
Was a pump test made? ☒ Yes ☐ No If yes by whom?
with air
Yield: gpm with ft. drawdown after hrs
Bailer test gpm with ft. drawdown after hrs
Artesian flow gpm Date
Temperature of water
Was a chemical analysis made? ☐ Yes ☒ No
Did any strata contain undesirable water? ☐ Yes ☐ No
Type of water? depth of strata

12) PUMP DATA:
Manufacturer's Name
Type Submersible H.P. 1
Designed pumping rate gpm ☐ gph ☐
Type power unit Electric
Depth to bowls, cylinder, jet, etc., 252 ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

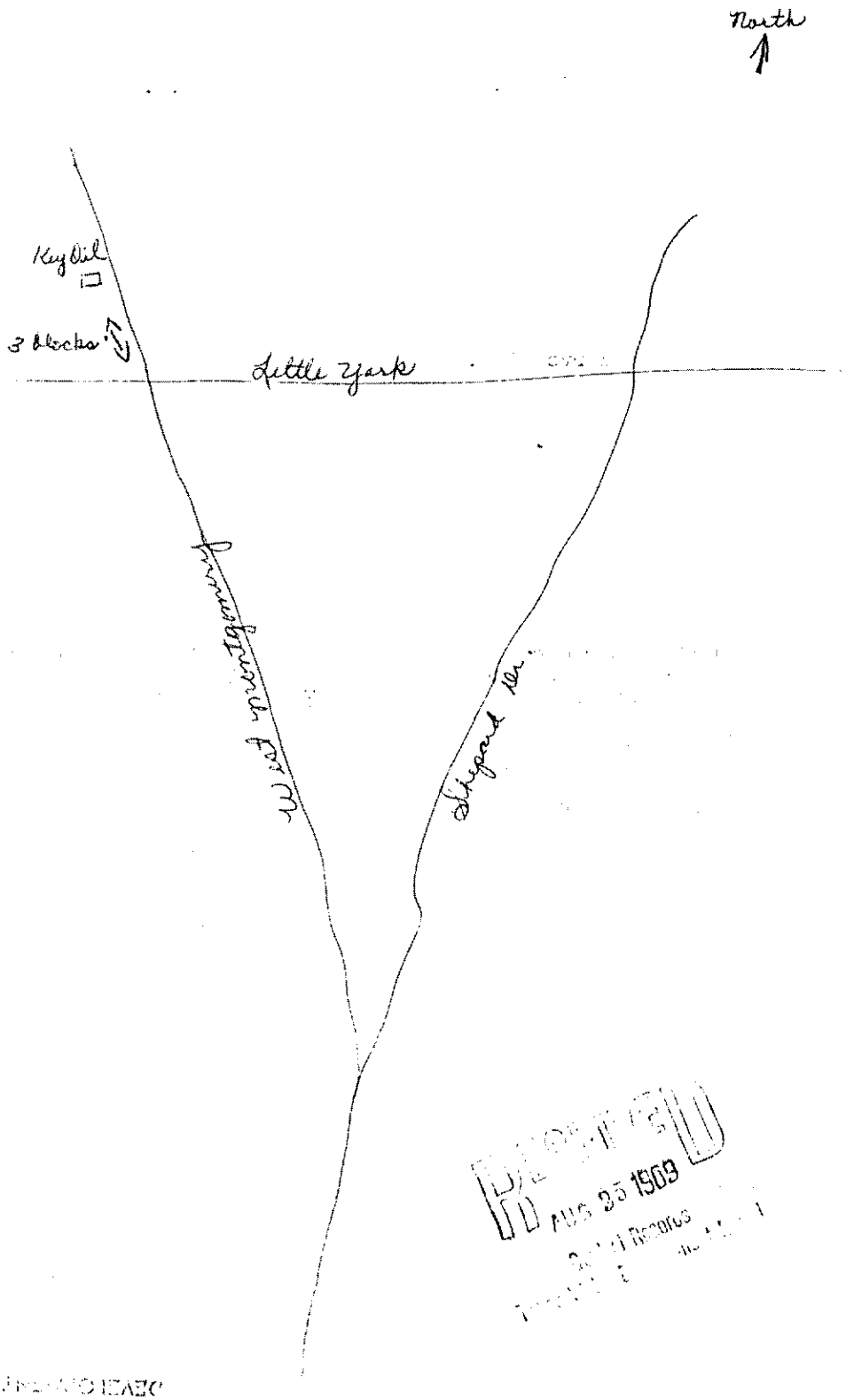
NAME R.B. Lowry (Type or Print) Water Well Drillers Registration No. 146

Address P.O. Box 8707 (Street or RFD) Houston (City) Texas (State) 77009

(Signed) (Water Well Driller) Lowry Water Wells (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

6M



AUG 25 1969
Records

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-206

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513206
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.867222
Latitude (degrees minutes seconds)	29° 52' 02" N
Longitude (decimal degrees)	-95.433611
Longitude (degrees minutes seconds)	095° 26' 01" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	93
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	360
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1961
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Mt. Calvary Lutheran Church
Driller	Lowry Water Wells
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178: Screen from 350 to 360 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

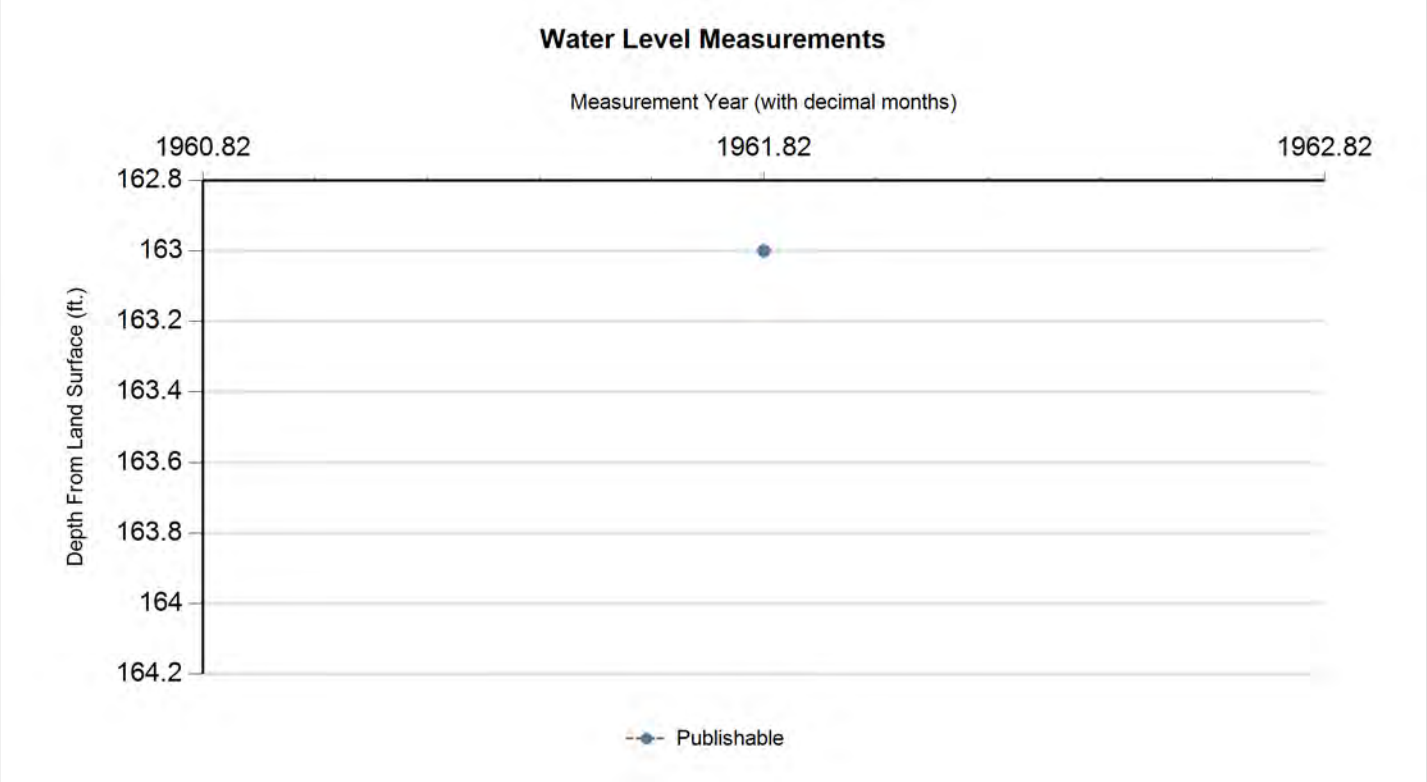
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	11/1/1961		163		-70	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

65-13-3V

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER Don Wagner (Name) Address 213 Sunnyside (Street or RFD) Houston, Texas 77076 (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles in _____ (N E, S W, etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ See attached map. map on 65-05-8FF

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG

Date drilled 4-7-83

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
4 3/4	Surface	236
6 3/4	"	224

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☒ Other Two-String

If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	4	sand
4	29	yellow clay
29	53	sand
53	76	sand and clay streaks
76	95	sand
95	174	yellow and gray clay
174	201	sand 12 ga.
201	203	gray clay
203	205	sand
205	212	rock & Sand & Clay streaks
212	225	red and gray shale
225	236	sand 16 ga.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4"	N	SCH 40 PVC Casing	+18"	224	
2½	N	Well Supplies, Inc.			
		PVC Screen	236	226	16 ga
2½	N	SCH 80 PVC Blank	226	216	

CEMENTING DATA
Cemented from 224 ft. to 112 ft.
Method used Pressure cement
Cemented by Raymond Water Wells (Company or Individual)

9) WATER LEVEL:
Static level 65 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

10) PACKERS: Type "K" Depth 216

RECEIVED
SEP - 1 1983
DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

11) TYPE PUMP: ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 105' ft.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☒ Estimated
Yield: 12 gpm with 2 ft. drawdown after 2 hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME C.A. Raymond, Jr. (Type or Print) Water Well Driller's License No. 774

ADDRESS 10011 Airline Drive (Street or RFD) Houston, Texas 77037 (City) (State) (Zip)

(Signed) C A Raymond Jr. (Licensed Water Well Driller) (Signed) RAYMOND WATER WELLS (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 65-13-3V
Located on map 65-05-5

TDWR 0392 (Rev. 5-27-82) DEPARTMENT OF WATER RESOURCES COPY

4820110994

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-13-37
Located on map yes
Received: e.f.s

1) OWNER Kits Industries (Name) Address 6510 Werner (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL:
County Harris miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ See attached map. map on 65-13-5F

3) TYPE OF WORK (Check):
☐ New Well ☐ Deepening
☒ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☐ Domestic ☒ Industrial ☐ Public Supply
☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored
☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 4-28-82

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
4 3/4	Surface	330'
6 3/4	"	310'

From (ft.)	To (ft.)	Description and color of formation material
0	2	Surface
2	23	Gray and red clay
23	40	Red Clay
40	101	Red and gray
101	122	Sand
122	140	Gray, Clay
140	159	Sand
159	197	Red and gray clay
197	211	Sand
211		Rock
211	269	Clay
269	278	Sand and clay
278	279	Rock
279	289	Clay
289	304	Sand 10 ga.
304	313	Clay
313	330	Sand

(Use reverse side if necessary)

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☒ Other Two-String
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4"	N	4" SCH 40 PVC Casing +18"		310'	
2 1/2	N	Well Supplies, Inc. WOP Screen	330'	320'	14 ga.
2 1/2	N	SCH 80 PVC Blank Liner	320'	305	

CEMENTING DATA
Cemented from 310 ft. to 155' ft.
Method used Pressure Cement
Cemented by Raymond Water Wells (Company or Individual)

9) WATER LEVEL:
Static level 215' ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

10) PACKERS: Type "K" Depth 305'

11) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 273' ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☒ Estimated
Yield: 10 gpm with 3 ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

RECEIVED
AUG 23 1982
DEPT. OF WATER RESOURCES

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME C.A. Raymond, Jr. (Type or Print) Water Well Drillers Registration No. 774

ADDRESS 10011 Airline Drive (Street or RFD) Houston, Texas 77037 (City) (State) (Zip)

(Signed) C.A. Raymond Jr. (Water Well Driller) Raymond Water Wells (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79) DEPARTMENT OF WATER RESOURCES COPY

4820110986

DUP

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 60-52-2C
Located on map YES
Received: TH

1) OWNER Hansen Minerals (Name) Address 9235 Katy Frwy. Ste. 430 (Street or RFD) Houston (City) Tx. (State) 77024 (Zip)

2) LOCATION OF WELL:
County Montgomery 8 miles in S.W. (N.E., S.W., etc.) direction from Conroe (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☒ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 6/5/80

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
	Surface	
6.5	0	272

From (ft.)	To (ft.)	Description and color of formation material
0	25	Clay
25	70	Sand
70	130	White Clay
130	178	Sand
178	193	Clay
193	272	Sand & Rock

(Use reverse side if necessary)

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4"	N	PVC Casing	0	240	
4"	N	PVC Screen	240	260	018

CEMENTING DATA
Cemented from _____ ft. to _____ ft.
Method used _____
Cemented by _____ (Company or Individual)

9) WATER LEVEL:
Static level 100 ft. below land surface Date 6/6/80
Artesian flow _____ gpm. Date _____

10) PACKERS:

	Type	Depth
1	Neop.	240 ft.

11) TYPE PUMP: ☐ Turbine ☒ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 200 ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 70 gpm with 40 ft. drawdown after 2 hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME John E. Richardson (Type or Print) Water Well Drillers Registration No. 1994

ADDRESS P. O. Box 675 (Street or RFD) Bellville (City) Texas (State) 77418 (Zip)

(Signed) John E Richardson (Water Well Driller) J & S Well Service (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

07790001

RECEIVED
1 0 1980
DEPT. OF
WATER RESOURCES

APR 01 1981
CR/TDWR

W.L. #22

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-13-1M
Located on map YES
Received: C.P.S.

1) OWNER Ms. Trish Hillman (Name) Address 4234 Richmond (Street or RFD) Houston (City) Tx. (State) 77027 (Zip)

2) LOCATION OF WELL: County Harris N. Houston Rosslyn 12 miles in N.W (N.E., S.W., etc.) direction from HOUSTON (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ See attached map. map on 60-59-7EE

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 8-20-82

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	295

From (ft.)	To (ft.)	Description and color of formation material
0	20	Top Soil & Clay
20	175	Red & White Clay
175	203	Sand
203	260	Clay
260	295	Sand

(Use reverse side if necessary)

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Plastic	0	280	
2	N	Galvanized Steel	274	285	
2	N	P.V.C.	285	295	.016

CEMENTING DATA
Cemented from 230 ft. to 280 ft.
Method used Haliburton
Cemented by Bussell & Son, Inc. (Company or Individual)

RECEIVED
SEP 12 1983
DEPT. OF WATER RESOURCES

9) WATER LEVEL:
Static level 204 ft. below land surface Date 8-23-82
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP: ☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 294 ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Craig Bussell (Type or Print) Water Well Drillers Registration No. 2035

ADDRESS P.O. Box 874 (Street or RFD) Tomball (City) Texas (State) 77375 (Zip)

(Signed) Craig Bussell (Water Well Driller) Bussell & Son, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-05-17
Located on map yes
Received: 74
dl

1) OWNER:
Person having well drilled Semmo Electrial Co. (Name) Address P.O. Box 10719 (Street or RFD) Houston, (City) Texas (State) 77018

Landowner same (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris, 15 miles in NW (N.E., S.W., etc.) direction from Houston (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

Well is located at ~~XXXXXXXXX~~ Plant site at 6206 N. Heuston Rosslyn Rd

North ↑

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
x New Well, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check):
Domestic, x Industrial, Municipal, Irrigation, Test Well, Other

5) TYPE OF WELL (Check):
x Rotary, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 6 in. Depth drilled 320 ft. Depth of completed well 320 ft. Date drilled May 74

All measurements made from 1½ ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	30	clay
30	50	red sand
50	155	clay
155	164	sand
164	200	clay
200	230	sand
230	245	clay
245	260	sand
260	290	clay
290	320	sand
320	322	clay

(Use reverse side if necessary)

9) Casing:
Type: Old, x New, x Steel, Plastic, Other

Cemented from 150 ft. to 300 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
6"	0	300'	10.89#

10) SCREEN:
Type pipe based stainless steel ribbed

Perforated, Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2½"	290	320	16 ga.

7) COMPLETION (Check):
x Straight wall, Gravel packed, Other, Under reamed, Open Hole

8) WATER LEVEL:
Static level 188 ft. below land surface Date may 74

Artesian pressure _____ lbs. per square inch Date _____

Depth to pump bowls, cylinder, jet, etc., 252' ft. below land surface.

Jacuzzi 1S4B set 252' on 1". 1 HP 2 wire Century mptor

11) WELL TESTS:
Was a pump test made? Yes x No If yes, by whom?

Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.

Artesian flow _____ gpm

Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No x

Did any strata contain undesirable water? Yes No

Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME B.J. Swinehart (Type or Print) Water Well Drillers Registration No. 229

ADDRESS 7524 N. Freeway (Street or RFD) Houston, (City) Texas (State) 77037

(Signed) [signature] (Water Well Driller) B.J. Swinehart Co. Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-12-9 G
Located on map 4 x 8
Received: 70
dlr

1) OWNER:
Person having well drilled Mr Gene Van Dyke (Name) Address Southwestern Tower, Suite 405, Houston (Street or RFD) (City) (State)

Landowner _____ (Name) Address _____ (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS, _____ miles in _____ direction from _____ (N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

See attached map

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check):
Domestic, Industrial, Municipal, Irrigation, Test Well, Other

5) TYPE OF WELL (Check):
Rotary, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole _____ in. Depth drilled _____ ft. Depth of completed well _____ ft. Date drilled _____

All measurements made from _____ ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material

See completion Report

(Use reverse side if necessary)

9) Casing:
Type: Old, New, Steel, Plastic, Other

Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage

10) SCREEN:
Type _____

Perforated, Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size

7) COMPLETION (Check):
Straight wall, Gravel packed, Other, Under reamed, Open Hole

8) WATER LEVEL:
Static level _____ ft. below land surface Date _____

Artesian pressure _____ lbs. per square inch Date _____

Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom? _____

Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.

Artesian flow _____ gpm

Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No

Did any strata contain undesirable water? Yes No

Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Wallace H. Claypool (Type or Print) Water Well Drillers Registration No. 027

ADDRESS P.O. Box 2469 (Street or RFD) Houston (City) Texas (State)

(Signed) Wallace H. Claypool (Water Well Driller) LAYNE TEXAS (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

GAM

FORM NO. 26

State

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

WELL LOG

REPORT NO. 8298
S. O. 2582-68
PAGE 1 of 1
FILE NO. 3344
DATE 1/29/70

CUSTOMER LOCATION

FOR Gene Van Dyke

LOCATION WELL Wickdale Street in Hunters Creek Village

SURVEY FIELD

COUNTY Harris STATE Texas

OTHER LAND MARKS Memorial Area

WELL DATA

NAME WELL WELL NO. 1

ELEVATION DATUM

RT C GR

TEST HOLE SIZE 6-3/4" TD 452'

DATE STARTED DRILLING 1-28-70

DATE FINISHED DRILLING 1-29-70

DRILLER C. Mercer RIG NO. 20

TYPE MUD Gel NO. SACKS 15

ELECTRIC LOG Widco TYPE Widco

SURVEY Eastman TYPE Single-shot

OTHER

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
0		Surface			
2	2	Top soil			
77	75	Clay			
105	28	Sandy shale			
114	9	Shale			
124	10	Sand			
136	12	Shale			
184	48	Sand			
200	16	Shale			
227	27	Sand			
237	10	Shale			
258	21	Shale & sandy shale			
326	68	Sand			
428	114	Broken sand & shale			
450	10	Shale			

Total depth 450 ft.

65-12-90

GM

FORM NO. 1202 · 1M · 8-51 · B&L

THE LAYNE TEXAS COMPANY, LTD.

HOUSTON -:- DALLAS

REPORT NO 8299
S O 2582-68
PAGE 1 OF 1
FILE NO 3344
DATE 2/12/70

MATERIAL SETTING

CUSTOMER LOCATION

FOR Gene Van Dyke

LOCATION WELL Willow Wick Residence

SURVEY FIELD

COUNTY Harris STATE Texas

OTHER LAND MARKS Hunters Creek Village

WELL DATA

NAME WELL WELL NO 1

ELEVATION DATUM

TYPE WELL Straight wall

SURFACE CASING CEMENTED Yes NO SACKS 60

SIZE HOLE ~~DRILLED~~ REAMED 6-5/8" DEPTH 452'

GRAVEL TYPE NO CU YDS

TYPE SCREEN S.S. W.W. GAGE .016"

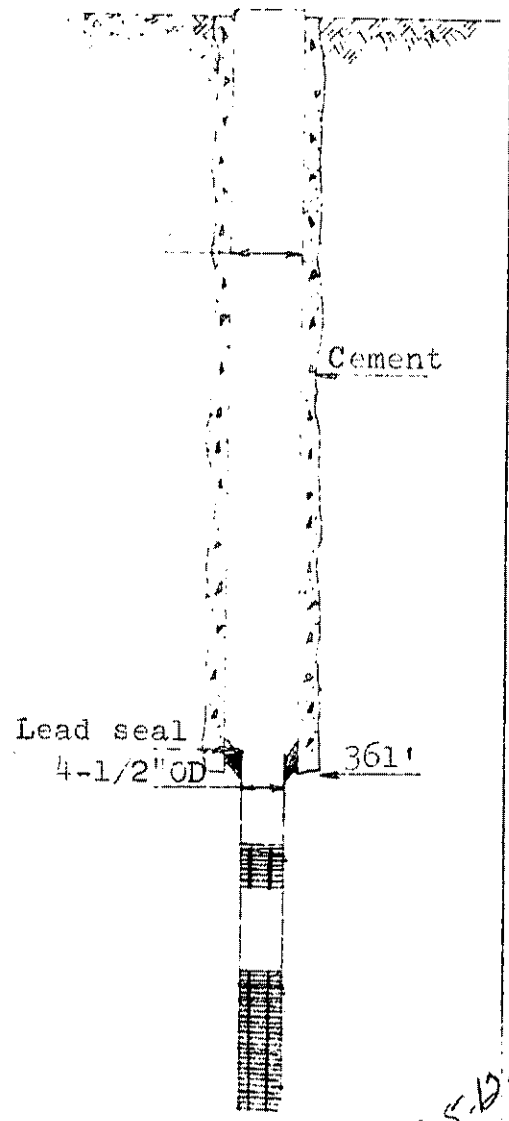
DRILLER C. Mercer RIG NO 20

OTHER

DEPTH	LENGTH	SIZE KIND, WEIGHT MATERIAL
+2'		6-5/8" O.D. surface casing
0		Surface
356'		6" x 4" lead seal
363'	361'	6-5/8" O.D. surface casing
368	12'	4-1/2" O.D. blank liner
378'	10'	4-1/2" O.D. S.S. W.W. screen, .016" ga.
390'	12'	4-1/2" O.D. blank liner
440'	50'	4-1/2" O.D. S.S. W.W. screen, .016" ga.
452'	12'	4-1/2" O.D. blank pipe, set nipple & back pressure valve

Total depth 452 ft.

SKETCH



130 gpm

65-D-92

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

WATER WELL TEST

REPORT NO 8300
S. O. 2582-68
PAGE 1 of 1
FILE NO. 3344
DATE 2/12/70

CUSTOMER LOCATION

TEST FOR Gene Van Dyke

LOCATION OF WELL Willow Wick Residence

SURVEY FIELD

COUNTY Harris STATE Texas

DESCRIPTION OF LAND MARKS
Hunter Creek Village

WELL DATA

NAME WELL WELL NO. 1.

ELEVATION DATUM

WELL SIZE 6-5/8" x 4-1/2" x 452'

TOTAL DEPTH 452' TOP SCREEN 368-378'

GRAVEL WELL STRAIGHT WELL Yes

TYPE SCREEN S.S. W.W. GAGE .016"

TEMPERATURE OF WATER

WATER CONDITION

WATER MEASURING DEVICE

ORIFICE SIZE LENGTH

OTHER Barrel

TEST PUMP DATA

DEPTH SETTING TOP OF BOWL

LENGTH AIR LINE 400' SIZE

TYPE BOWL NO. STAGES

LENGTH BOWL SUCTION LT.

BAND CONTENT OZ. PER 100 GAL.

ACTIVE STATIC HEAD AFTER PUMP STOPPED

5 MIN.	FT.	20 MIN.	FT.
10 MIN.	FT.	25 MIN.	FT.
15 MIN.	FT.	30 MIN. 180'	FT.

WATER SAMPLE TAKEN NO. SAMPLES

BACTERIOLOGICAL SAMPLE TAKEN

DRAWDOWN SPECIFIC CAPACITY

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH. PRESS.	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
2/9/70					130			

Pumped four hour test on well with air.
400' of air line - pumping pressure 74 lbs.

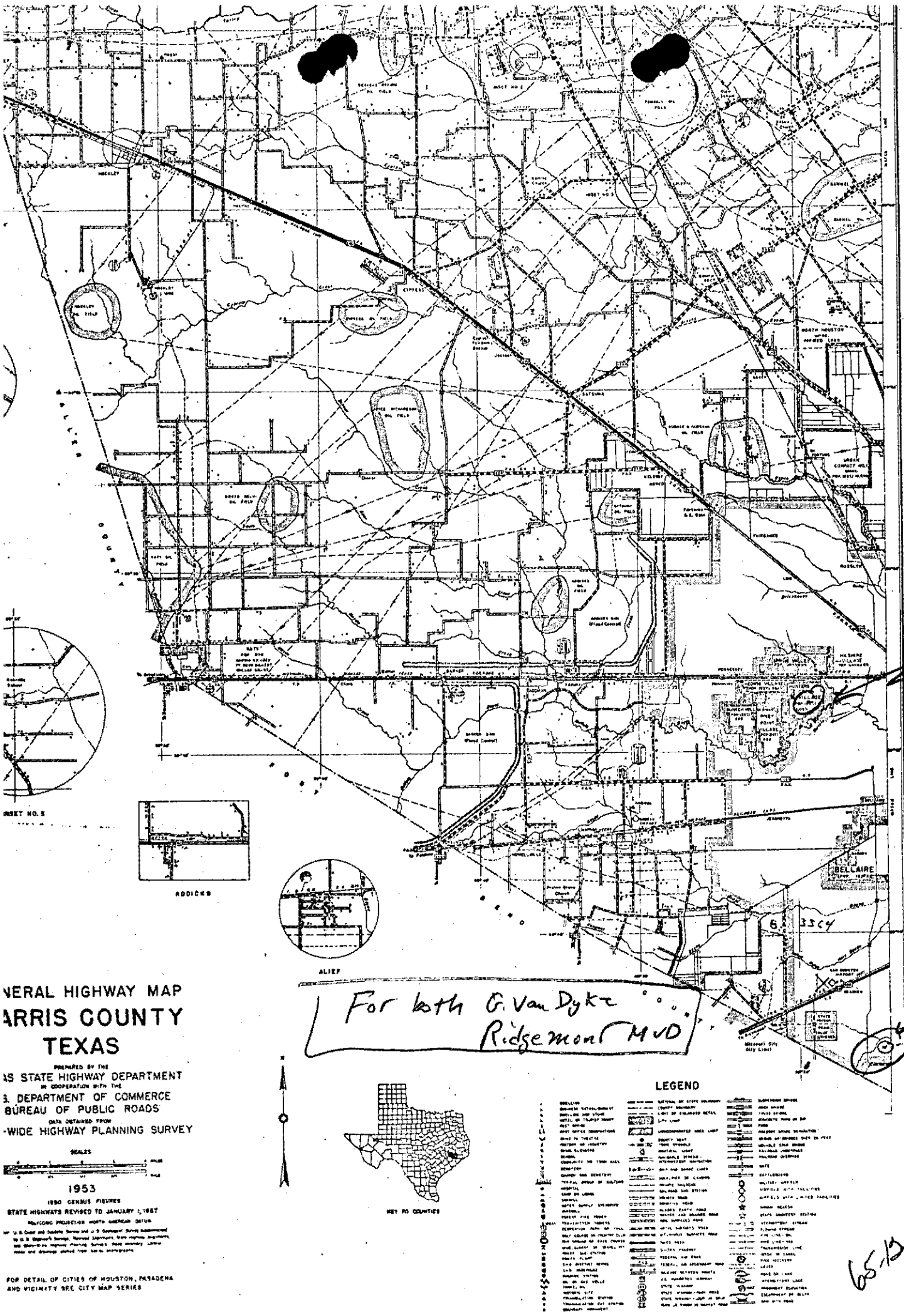
OBSERVERS

FOR OWNER

C. Mercer
FOR LAYNE TEXAS CO.

65-12-

FORM NO. 25 -



NERAL HIGHWAY MAP
ARRIS COUNTY
TEXAS

PREPARED BY THE
AS STATE HIGHWAY DEPARTMENT
IN COOPERATION WITH THE
S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
DATA OBTAINED FROM
-WIDE HIGHWAY PLANNING SURVEY

SCALES

1953
1950 CENSUS FIGURES
STATE HIGHWAYS REVISED TO JANUARY 1, 1957
POLYCONIC PROJECTION NORTH AMERICAN DATUM

FOR DETAIL OF CITIES OF HOUSTON, PASADENA AND VICINITY SEE CITY MAP SERIES

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER RODOLFO POSADA (Name) ADDRESS 6002 LUNA ST. HOU, TX 77076 (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL: County HARRIS 6002 LUNA ST. HOU. TX 77076 (Street or RFD) (City) (State) (Zip) GRID # 65-13-3

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [X] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5)

6) WELL LOG:
Date Drilling: Started 5/8 1997 Completed 5/8 1997

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
4	Surface	48

7) DRILLING METHOD (Check): [ ] Driven [ ] Air Rotary [X] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

N

From (ft.)	To (ft.)	Description and color of formation material
0	18	WHITE CLAY
18	28	RED CLAY
28	35	" "
35	42	ROCK (SAND STONE)
42	47	SAND 10 CA

(Use reverse side if necessary)

8) Borehole Completion (Check): [ ] Open Hole [X] Straight Wall [ ] Underreamed [X] Gravel Packed [ ] Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
2	N	PLASTIC	0	37	
2	N	SLOTTED	37	47	.008

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 37 ft. No. of sacks used 8
ft. to ____ ft. No. of sacks used ____
Method used PRESSURE
Cemented by ____
Distance to septic system field lines 95 ft.
Method of verification of above distance CUSTOMER

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed [Rule 338.44(2)(A)]
[X] Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
[ ] Pitless Adapter Used [Rule 338.44(3)(b)]
[ ] Approved Alternative Procedure Used [Rule 338.71]

JUL 29 1997

13) TYPE PUMP:
[ ] Turbine [X] Jet [ ] Submersible [ ] Cylinder
[ ] Other ____
Depth to pump bowls, cylinder, jet, etc., 30 ft.

14) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [X] Jetted [ ] Estimated
Yield: 7 gpm with ____ ft. drawdown after ____ hrs.

11) WATER LEVEL:
Static level ____ ft. below land surface Date 5/8/97
Artesian flow ____ gpm. Date ____

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? [ ] Yes [ ] No

12) PACKERS: Type Depth
NONE

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME RAYMOND SERVICES INC. (Type or print) WELL DRILLER'S LICENSE NO. 4577 WI

ADDRESS 10011 AIRLINE DR (Street or RFD) HOUSTON (City) TX. (State) 77037 (Zip)

(Signed) ____ (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 09-01-93)

TNRCC COPY

Send original copy by certified mail to: Texas Water C[redacted]sion, P.O. Box 13087, Austin, Texas 78711 Kn[redacted]125 *Please use black ink.*

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) **OWNER** Melvin Ball (Name) **ADDRESS** 1936 Holly Wright Hou. Tx. (Street or RFD) (City) (State) (Zip)

2) **LOCATION OF WELL:** County Harris, 8 miles in N.W. (NE, SW, etc.) direction from Houston, Tx. (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **LEGAL DESCRIPTION:**

Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____

Distance and direction from two intersecting section or survey lines _____

☑ **SEE ATTACHED MAP** on 60-63-7

3) **TYPE OF WORK (Check):** ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) **DRILLING METHOD (Check):** ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) **WELL LOG:** Date Drilling: Started Apr. 8 1991 Completed _____ 19__

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
4½	Surface	62

7) **BOREHOLE COMPLETION:** ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☑ Gravel Packed ☐ Other _____

If Gravel Packed give interval . . . from 30 ft. to 62 ft.

From (ft.)	To (ft.)	Description and color of formation material
0	56	Clay
56	62	Sand

(Use reverse side if necessary)

8) **CASING, BLANK PIPE, AND WELL SCREEN DATA:**

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4½	N	P.V.C.	0	52	40
2	N	PVC Screen	52	62	.12

9) **CEMENTING DATA** [Rule 287.44(1)]

Cemented from 0 ft. to 10 ft. No. of Sacks Used 2

_____ ft. to _____ ft. No. of Sacks Used _____

Method used Hand Mix

Cemented by Owner

10) **SURFACE COMPLETION**

☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]

☐ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]

☐ Pitless Adapter Used [Rule 287.44(3)(B)]

☑ Approved Alternative Procedure Used [Rule 287.71]

11) **WATER LEVEL:** Static level 28 ft. below land surface Date Apr. 8, 91

Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type Depth

13) **TYPE PUMP:** ☐ Turbine ☑ Jet ☐ Submersible ☐ Cylinder ☐ Other _____

Depth to pump bowls, cylinder, jet, etc., 60 ft.

14) **WELL TESTS:** Type Test: ☑ Pump ☐ Bailer ☐ Jetted ☑ Estimated

Yield: 5 gpm with _____ ft. drawdown after _____ hrs.

15) **WATER QUALITY:**

Did you knowingly penetrate any strata which contained undesirable constituents?

☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"

Type of water? Potable Depth of strata 6

Was a chemical analysis made? ☐ Yes ☑ No

RECEIVED MAY 22 1991 TEXAS WATER COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Coastal Water Well (Type or print) **WELL DRILLER'S LICENSE NO.** 812

ADDRESS P.O. Box 745 (Street or RFD) Porter (City) TX (State) 77365 (Zip)

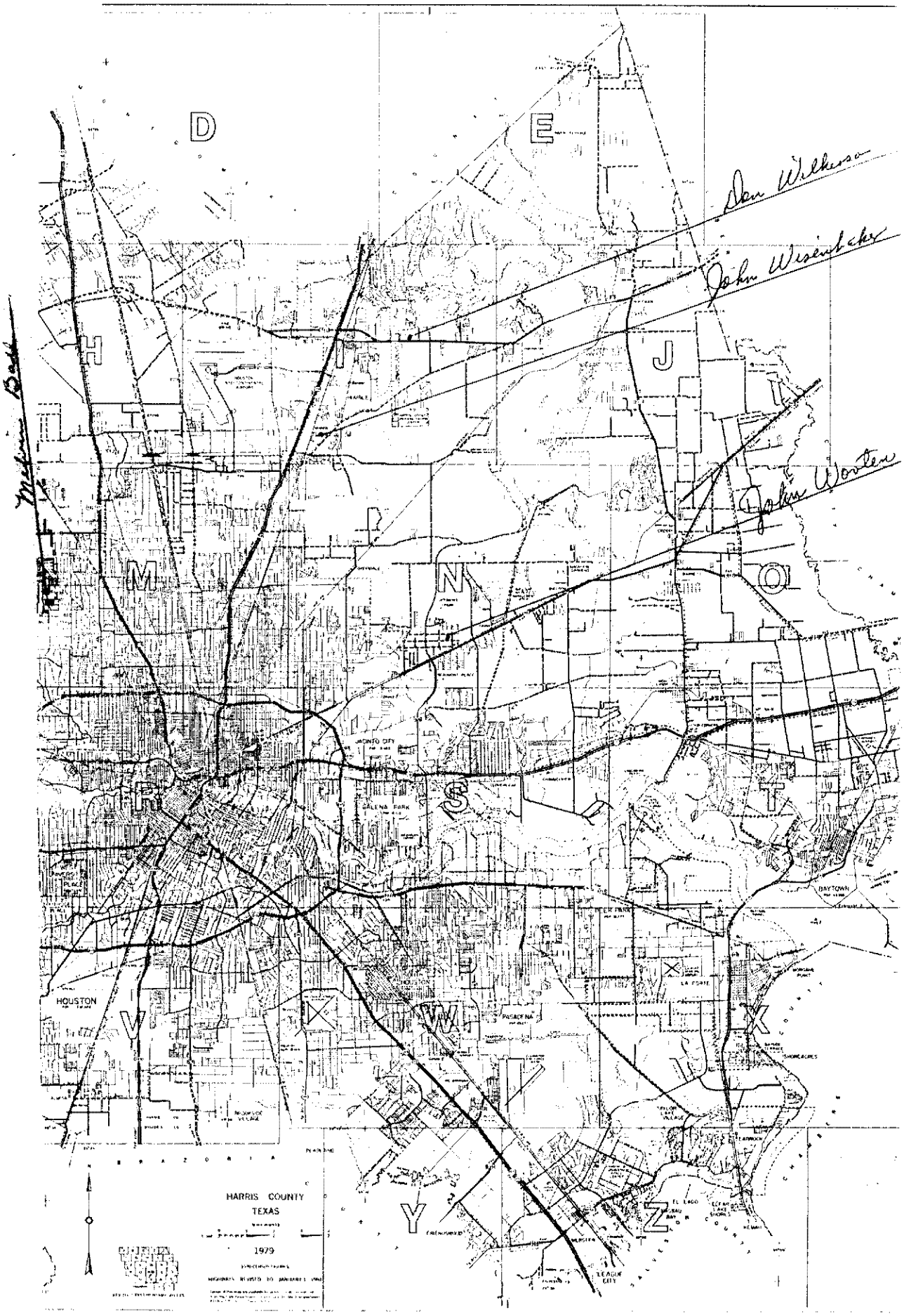
(Signed) W. R. Gebrek (Licensed Well Driller) **(Signed)** _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 65-73-2 Located on map _____

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY


Dan Wilkerson
John Wisenbaker
John Worten
Mechanic Bank
D
E
H
J
M
N
O
R
S
T
V
W
X
Y
Z
HOUSTON
HARRIS COUNTY
TEXAS
1979

Send original copy by certified return receipt requested mail to: TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: *Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)*

State of Texas WELL REPORT

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER FREED HICKS (Name) ADDRESS 225 DYER HWY (Street or RFD) (City) TX (State) 77088 (Zip)

2) ADDRESS OF WELL'S LOCATION: County HARRIS SAME (Street, RFD or other) (City) (State) (Zip) Long. ____ Lat. ____ Grid # 65-13-1

3) TYPE OF WORK (Check): ☒ New Well ☒ Deepening ☐ Reconditioning ☐ Plugging

(4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☒ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N

6) WELL LOG:
Date Drilling:
Started 1/29 19 00
Completed ____ 19 ____

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
5 3/4"	Surface	55

7) DRILLING METHOD (Check): ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other ____

From (ft.)	To (ft.)	Description and color of formation material
0	15	YELLOW CLAY
15	45	RED CLAY
45	55	SAND & GR

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☒ Gravel Packed ☐ Other
If Gravel Packed give interval from 45 ft. to 55 ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
2	N	CASE	0	45	SCH 40
2	N	SCREEN	45	55	.006

9) CEMENTING DATA
Cemented from 0 ft. to 45 ft. No. of sacks used 9
____ ft. to ____ ft. No. of sacks used ____
Method used PRESSURE
Cemented by RAYMOND SERV.
Distance to septic system field lines or other concentrated contamination 50 ft.
Method of verification of above distance COMPUTED

13) ☐ Well plugged within 48 hours

Casing left in well: From (ft)	Casing left in well: To (ft)	Cement/bentonite placed in well: From (ft)	Cement/bentonite placed in well: To (ft)	Sacks used:

14) TYPE PUMP:
☐ Turbine ☒ Jet ☐ Submersible ☐ Cylinder
☐ Other ____
Depth to pump bowls, cylinder, jet, etc., 55 ft.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed
☒ Specified Steel Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

15) WELL TESTS:
Type test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 5 gpm with 5 ft. drawdown after 1 hrs.

11) WATER LEVEL:
Static level 14 ft. below land surface Date 1/29/00
Artesian flow ____ gpm. Date ____

16) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☐ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? ☐ Yes ☐ No

12) PACKERS: Type Depth
NONE

I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME RAYMOND SERVICES (Type or print) WELL DRILLER'S LICENSE NO. 45 17WI

ADDRESS 10011 AIRLINE HOU TX 77037 (Street or RFD) (City) (State) (Zip)

(Signed) ____ (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDLR FORM 001WWD (4/98) White - TDLR Yellow - DRILLER Pink - WELL OWNER

4820134027

Send original copy by certified mail to: TNRCC, P.O. Box 130 stin, TX 78711-3087 Km412 Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-371-6299

1) OWNER City Of Houston-Acres Home #2A (Name) ADDRESS ~~XXXXXXXXXXXXXX~~ 7004 Ardmore (Street or RFD) Houston, Texas 77054 (City) (State) (Zip)

2) ADDRESS OF WELL: County Harris 1810 Dollywright (Street or RFD) Houston, Texas (City) (State) (Zip) STATE WELL # 65-04-9

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [ ] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [X] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [X] Yes [ ] No

5) N

6) WELL LOG:
Date Drilling:
Started 8-7 19 95
Completed 11-16 19 95

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
36	Surface	50
26	0	1067
26	1067	1635

7) DRILLING METHOD (Check): [ ] Driven [ ] Air Rotary [X] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

From (ft.) To (ft.) Description and color of formation material

See Attached Copy

(Use reverse side if necessary)

8) Borehole Completion (Check): [ ] Open Hole [ ] Straight Wall [X] Underreamed [X] Gravel Packed [ ] Other
If Gravel Packed give interval ... from 1067 ft. to 1635 ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
30	N	STeel	0	50	.375
20	N	Steel	0	947	.500
18	N	Steel	0	1067	.375
12-3/4	N	Steel With Stainless Screen	1017	1635	.375 .035

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 50 ft. No. of sacks used 60
0 ft. to 1067 ft. No. of sacks used 1295
Method used Solid Hydraulics
Cemented by Dowell Schlumberger
Distance to septic system field lines 150 ft.
Method of verification of above distance City Of Houston

RECEIVED DEC 29 1995 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

13) TYPE PUMP:
[X] Turbine [ ] Jet [ ] Submersible [ ] Cylinder
[ ] Other
Depth to pump bowls, cylinder, jet, etc., 680 ft.

10) SURFACE COMPLETION
[X] Specified Surface Slab Installed [Rule 338.44(2)(A)]
[ ] Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
[ ] Pitless Adapter Used [Rule 338.44(3)(b)]
[ ] Approved Alternative Procedure Used [Rule 338.71]

14) WELL TESTS:
Type test: [X] Pump [ ] Bailer [ ] Jetted [ ] Estimated
Yield: 1450 gpm with 112.40 ft. drawdown after 48 hrs.

11) WATER LEVEL:
Static level 450 ft. below land surface Date 11-16-95
Artesian flow N/A gpm. Date

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Depth of strata
Was a chemical analysis made? [X] Yes [ ] No

12) PACKERS: Type Depth
N/A

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Alsay Incorporated (Type or print) WELL DRILLER'S LICENSE NO. 2048 WPKT

ADDRESS 6615 Gant (Street or RFD) HOuston, Texas 77066 (City) (State) (Zip)

(Signed) Neil Rollie (Licensed Well Driller) (Signed) (Registered Driller Trainee)

Neil Rollie

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 09-01-93) TNRCC COPY

65-04-9 X

Texas Water Development Board
Well Schedule

groundwater resources

State Well Number: **65-13-221** Previous Well Number: County: **Harris** **201**

Latitude (dms): **295207** Longitude (dms): **952621** Coordinate Accuracy: **Global Positioning System - GPS**

River Basin: **San Jacinto River** GMA: **14** RWPA: **H** GCD: **Harris-Galveston Subsidence District**

Owner: **City of Houston**
Acres Homes #2SB-old

Driller: **Alsay, Inc.**

Aquifer ID: **Gulf Coast**

Aquifer Code: **112CHCT**

CHICOT AQUIFER

Depth (ft): **620** Elevation (ft): **92**

Source of Depth: **Driller's Log** Source of Elevation: **Interpolated From Topo Map**

Date Drilled: **00/00/1984** Well Type: **Withdrawal of Water**

Type of Lift: **Turbine Pump** Power: **Electric Motor** Horsepower:

Construction: **Hydraulic Rotary** Completion: **Screen**

Casing Material: **Steel** Screen Material: **Galvanized Iron**

WATER USE

Primary: **Plugged or Destroyed** Secondary: Tertiary:

Water Levels: **Historical Observation Well**
3 measurements
1990 to 1992
MIN -396 MAX -286.95

Water Quality: **N**

Other Data: Logs:

CASING INTERVALS:
Casing/Blank Pipe (C)
Well Screen/Slotted Zone (S)
Open Hole (O)

	Dia. (in.)	Top (ft.)	Bottom (ft.)
C	24	0	317
C	18	0	322
S	18	322	382
C	18	382	396
S	18	396	408
C	18	408	488
S	18	488	528
C	18	528	534
S	18	534	558
C	18	558	575
S	18	575	600
C	18	600	620

REMARKS:
USGS Site ID 295207095262101.
This well was reworked in Jan 1993 to a depth of 565 ft.
The current state well number for this well is 6513227.

Reporting Agency: **U.S. Geological Survey**

Date Collected or Reported: **08/22/1996**

Recorded by: B. Anderson

Texas Water Development Board
Well Schedule

State Well No. 65 13 224 Previous Well No. County Harris 201

River Basin San Jacinto 10 Zone 1 Lat. 29 52 03 Long. 095 26 14 Accuracy of Coord. 1

Owner's Well No. 2A Location ____ 1/4, ____ 1/4, Section ____, Block ____, Survey ____

replaces #2 65-13-219

Owner City of Houston Acres Homes #2A Driller Alsay Incorporated

Address 1810 Dolly Wright St. Tenant/Oper. ____

Date Drilled 11 16 1995 Depth 1635 Source of Depth Datum D Altitude 92 Source of Alt. Datum M

Aquifer Evangeline 121EVGL Well Type W User 396200

Aquifer ID 15

Well Construction Const. Method Mud Rotary H Casing Material Steel S

Completion UR-GP Screen G Screen Material Stainless Steel R

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S)
Open Hole (O)
Cemented from 0 to 1067

	Diam. (in.)	From	To
1	C 30	0	50
2	C 20	0	947
3	C 18	0	1067
4	C 12	1017	1072
5	S 12	1072	1116
6	S 12	1138	1146
7	S 12	1168	1176
8	S 12	1198	1222
9	S 12	1242	1272
10	S 12	1294	1302
11	S 12	1324	1332
12	S 12	1354	1362
13	S 12	1382	1390
14	S 12	1412	1428
15	S 12	1434	1474
16	S 12	1496	1520

(20 max)

Lift Data Pump Mfr. ____ Type Turbine T Setting 680

Motor Mfr. ____ Power Electric E Horsepower ____

Yield Flow ____ GPM Pump ____ GPM Meas.,Rept.,Est. ____ Date ____

Performance Test Date 11/95 Length of Test 48 hrs Production 1450 GPM

Static Level 450 ft. Pumping Level ____ ft. Drawdown 112.4 ft. Sp.Cap. 12.9 GPM/ft.

Water Use Primary Public Supply P Secondary ____ Tertiary ____

Quality (Remarks) ____

Other Data Available Water Level C Water Quality Y Logs O M J C E Other Data ____

Water Levels

	Date	Meas.	
	12 22 1995	405	driller
	11 04 1997	418	USGS airline
	01 09 1998	396.90	USGS tape

Recorded By P.L.N. Date Record Collected or Updated 07 09 1999 Reporting Agency 02

Remarks Acres Homes #2A

5-12
1530-1560
1576-1584
1598-1610

Aquifer Gulf Coast

Well No. 65-13-224

97-0402-7-97
Recurrent

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-371-6299

1) OWNER City Of Houston-Acres Home #2A (Name) ADDRESS ~~7004 Ardmore~~ (Street or RFD) Houston, Texas 77054 (City) (State) (Zip)

2) ADDRESS OF WELL: County Harris 1810 Dollywright (Street or RFD) Houston, Texas (City) (State) (Zip) STATE WELL # 65-04-9

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [ ] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [X] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [X] Yes [ ] No

5) N

6) WELL LOG:
Date Drilling:
Started 8-7 19 95
Completed 11-16 19 95

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
36	Surface	50
26	0	1067
26	1067	1635

7) DRILLING METHOD (Check): [ ] Driven [ ] Air Rotary [X] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

From (ft.)	To (ft.)	Description and color of formation material
		See Attached Copy

(Use reverse side if necessary)

8) Borehole Completion (Check): [ ] Open Hole [ ] Straight Wall [X] Underreamed [X] Gravel Packed [ ] Other
If Gravel Packed give interval ... from 1067 ft. to 1635 ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
30	N	STeel	0	50	.375
20	N	Steel	0	947	.500
18	N	Steel	0	1067	.375
12-3/4	N	Steel With Stain-less Screen	1017	1635	.375 .035

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 50 ft. No. of sacks used 60
0 ft. to 1067 ft. No. of sacks used 1295
Method used Solid Hydraulics
Cemented by Dowell Schlumberger
Distance to septic system field lines 150 ft.
Method of verification of above distance City Of Houston

10) SURFACE COMPLETION
[X] Specified Surface Slab Installed [Rule 338.44(2)(A)]
[ ] Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
[ ] Pitless Adapter Used [Rule 338.44(3)(b)]
[ ] Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL:
Static level 450 ft. below land surface Date 11-16-95
Artesian flow N/A gpm. Date

12) PACKERS: Type Depth
N/A

13) TYPE PUMP:
[X] Turbine [ ] Jet [ ] Submersible [ ] Cylinder
[ ] Other
Depth to pump bowls, cylinder, jet, etc., 680 ft.

14) WELL TESTS:
Type test: [X] Pump [ ] Bailer [ ] Jetted [ ] Estimated
Yield: 1450 gpm with 112.40 ft. drawdown after 48 hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Depth of strata
Was a chemical analysis made? [X] Yes [ ] No

RECEIVED DEC 29 1995 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Alsay Incorporated (Type or print) WELL DRILLER'S LICENSE NO. 2048 WPKT

ADDRESS 6615 Gant (Street or RFD) HOuston, Texas 77066 (City) (State) (Zip)

(Signed) Neil Rollie (Licensed Well Driller) (Signed) (Registered Driller Trainee)

Neil Rollie

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 09-01-93) TNRCC COPY

65 049 65-13-224

ALSAY
INCORPORATED
GROUNDWATER EXPLORATION & DEVELOPMENT

REPLY TO: 6615 GANT STREET
HOUSTON, TEXAS 77066
PHONE: (713) 444-6960
FAX #: (713) 444-7061

Acres Homes Water Well No. 2-A
Drillers Log

08/16/95

Depth (feet)	Description	Depth (feet)	Description
0 – 6	Sub structure	924 – 936	Clay (Whitish Gray)
6 – 20	Clay (Brown)	936 – 1046	Sand
20 – 35	Sand	1046 – 1072	Clay (Gray)
35 – 50	Clay (Brown)	1072 – 1116	Sand
50 – 55	Sand	1116 – 1152	Clay (Gray)
55 – 60	Clay	1152 – 1164	Sand
60 – 66	Sand	1164 – 1196	Clay (Gray)
66 – 126	Clay (Reddish Brown)	1196 – 1222	Sand
126 – 154	Sand	1222 – 1240	Clay (Gray)
154 – 184	Clay (Reddish Brown)	1240 – 1272	Sand
184 – 192	Sand	1272 – 1410	Clay (Gray)
192 – 204	Clay (Tan)	1410 – 1428	Sand
204 – 218	Gravel	1428 – 1434	Clay (Whitish Gray)
218 – 232	Clay (Reddish Brown)	1434 – 1474	Sand
232 – 280	Sand	1474 – 1492	Clay (Gray)
280 – 290	Clay (Tan)	1492 – 1562	Sand
290 – 300	Sand	1562 – 1596	Clay (Gray)
300 – 334	Clay (Gray)	1596 – 1614	Sand
334 – 380	Sand	1614 – 1652	Clay (Gray)
380 – 390	Clay (Gray)	1652 – 1674	Sand
390 – 408	Sand	1674 – 1804	Clay
408 – 474	Clay (Gray)		
474 – 664	Sand		
664 – 708	Clay (Gray)		
708 – 734	Sand		
734 – 772	Clay (Gray)		
772 – 814	Sand		
814 – 828	Clay		
828 – 924	Sand		

65-04-9

ALSAY
INCORPORATED
GROUNDWATER EXPLORATION & DEVELOPMENT

REPLY TO: 6615 GANT STREET
HOUSTON, TEXAS 77066
PHONE: (713) 444-6960
FAX #: (713) 444-7081

ACRES HOMES WATER WELL No. 2-A

Proposed Recommended Material Settings 08/18/95

	18" 0.375-wall 1067	20 " 0.500 wall Casing 947 ~~1067~~ ft.	14 " 0.375 wall Blank	14 " 0.375 wall Screen
0 – 1067				
1017 – 1072			55 ft.	
1072 – 1116				44 ft.
1116 – 1138			22	
1138 – 1146				8
1146 – 1168			22	
1168 – 1176				8
1176 – 1198			22	
1198 – 1222				24
1222 – 1242			20	
1242 – 1272				30
1272 – 1294			22	
1294 – 1302				8
1302 – 1324			22	
1324 – 1332				8
1332 – 1354			22	
1354 – 1362				8
1362 – 1382			20	
1382 – 1390				8
1390 – 1412			22	
1412 – 1428				16
1428 – 1434			6	
1434 – 1474				40
1474 – 1496			22	
1496 – 1520				24
1520 – 1530			10	
1530 – 1560				30
1560 – 1576			16	
1576 – 1584				8
1584 – 1598			14	
1598 – 1610				12
1610 – 1635 T.D.			25	
		1067 ft.	342 ft.	276 ft.

TOTAL MATERIALS:

18" inch Casing	1067'
20 inch Casing	~~1,067~~ 947 ft.
14 inch Blank Liner	342 ft.
14 inch Screen	276 ft.
Total Depth	1,635 ft.

65-04-7

Texas Water Development Board
Well Schedule

groundwater resources

State Well Number: **65-13-227** Previous Well Number: County: **Harris** **201**

Latitude (dms): **295207** Longitude (dms): **952621** Coordinate Accuracy: **Global Positioning System - GPS**

River Basin: **San Jacinto River** GMA: **14** RWPA: **H** GCD: **Harris-Galveston Subsidence District**

Owner: **City of Houston Acres Homes #2SB** Driller: Aquifer ID: **Gulf Coast**

Aquifer Code: **112CHCT**

CHICOT AQUIFER

Depth (ft): **565** Elevation (ft): **92**

Source of Depth: **Another Government Agency** Source of Elevation: **Interpolated From Topo Map**

Date Drilled: **01/00/1993** Well Type: **Withdrawal of Water**

Type of Lift: Power: Horsepower:

Construction: Completion:

Casing Material: Screen Material: **Stainless Steel**

WATER USE

Primary: **Public Supply** Secondary: Tertiary:

Water Levels: **USGS Current Observation Well**

41 measurements
1993 to 2010
MIN -362 MAX -202.04

Water Quality: **Y**

Other Data: Logs:

CASING INTERVALS:
Casing/Blank Pipe (C)
Well Screen/Slotted Zone (S)
Open Hole (O)

	Dia. (in.)	Top (ft.)	Bottom (ft.)
C	24	0	316
C	18	0	321
S	18	321	383
C	18	383	395
S	18	395	407
C	18	407	429
S	18	429	439
C	18	439	486
S	18	486	528
C	18	528	533
S	18	533	556
C	18	556	565

REMARKS:
USGS Site ID 295207095262102.
This is a reworked well.
Original well, state well number 6513221, was drilled in 1984 to a depth of 620 ft.
USGS provided information.

Reporting Agency: **U.S. Geological Survey**

Date Collected or Reported: **06/15/2011**

Recorded by: B. Anderson

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-219

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR . GEOLOGICAL SURVEY WATER RESOURCES DIVISION

(0)

MASTER CARD

1:24,000

Record by McAdoo Source of data D-records Date 8-25-71 Map Houston Heights 1967

State Texas [48] County (or town) Harris [LJ]

Latitude: 29 52 02 N S (deg min sec) Longitude: 095 26 14 (degrees min sec) Sequential number: 1

Lat-long accuracy: 1 T ___ N S, R ___ E W, Sec ___, ___ k, ___ k, ___ k

Local well number: LJ-65-13-219 Other number: B & M Well 2

Local use: Owner or name: City of Houston

Owner or name: CITY OF HOUSTON Address: Acre Homes Dollywright & Sandle

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [M]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mnd, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other [P]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed. [W]

DATA AVAILABLE: Well data [ ] Freq. W/L meas.: 1970 — [5] Field aquifer char. [ ]

Hyd. lab. data: [ ]

Qual. water data; type: [ ]

Freq. sampling: 11-25-70 [0] Pumpage inventory: yes no, period: [ ]

Aperture cards: yes [ ]

Log data: E-Log T-50 D-Log 0-2100 [D E]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1576 ft [1576] Meas. (est) D-Log accuracy [3]

Depth cased (first perf.) 617 ft [617] Casing type: S ; Diam. 24-14 in [24]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, (S) sd. pt., (T) shored, (W) open hole, (Z) other [G]

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other [H]

Date Drilled: Aug. 1970 [970] Pump intake setting: ___ ft

Driller: Texas Water Wells, Inc. (name) Houston, Texas (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.) (M) multiple, (turb.) (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other [T] Deep Shallow [D]

Power (type): diesel, (elec) nat, gas, gasoline, hand, gas LP, wind; H.P. 400 Trans. or meter no. ___

Descrip. MP ___ +3.7 ft above below LSD Alt. MP ___

Alt. LSD: 92 [92] Accuracy (source): Topo 5' [3]

Water Level 1 hr. SL 320.00 ft above below MP; Ft above below LSD [316] Accuracy: E-Topo USGS [A]

Date meas: 11-25-70 [N70] Yield: 2759 gpm [2759] Method determined [ ]

Drawdown: 61 ft [61] Accuracy: USGS meas. [0] Pumping period 95 hrs [95]

QUALITY OF WATER DATA: Iron ___ ppm Sulfate ___ ppm Chloride ___ ppm Hard. ___ ppm

Sp. Conduct ___ K x 10^6 Temp. ___ °F Date sampled ___

Taste, color, etc.

320.00
3.70
316.30

Well No. LJ-65-13-219

Well No. LJ-65-43-217

Latitude-longitude 29 d, 52 m, 02 s N 095 d, 26 m, 14 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: Coastal Plain 03 (20–21) Section: _____

F (22) Drainage Basin: _____ SIIR (23–25) Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27)

MAJOR AQUIFER: _____ system, _____ series T (28–29) _____ aquifer, formation, group E (30–31)

Lithology: _____ (32–33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35–37) Length of well open to: 462 ft 462 (38–40) Depth to top of: _____ ft (41–43)

MINOR AQUIFER: _____ system, _____ series (44–45) _____ aquifer, formation, group (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: *

Depth to consolidated rock: _____ ft (60–63) Source of date: _____ (64)

Depth to basement: _____ ft (65–68) Source of date: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

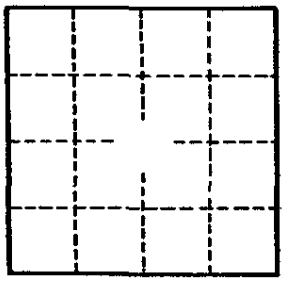
Coefficient Trans: _____ gpd/ft (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)

* Screen. (USGS made recovery Test) Csg.

617-662
713-733
796-813
840-865
868-930
934-955
966-1005
1009-1049
1087-1096
1101-1116
1200-1222
1241-1283
1417-1426
1432-1478
1503-1523
1531-1561

0 - 611 = 24"
561 - 1576 = 14"



Well No. LJ-65-43-217

GPO 857-700

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020964

Latitude ° ' "	Longitude ° ' "	Seq. No.
295202	095261	4401

County code 201 County HARRIS

Well # LJ-65-13-219

Project number 7-4648-01000

Date 2-2-77 Time _____ Temp°C 26.5

Owner City of Houston

Address Acre Homes #2

Date drld 1970 WBF code _____

Sample interval: (top) 617 (bottom) 1561

Water level _____ Appr Clear Use PS

Collector Butler Yield _____ GPM

Smpld aftr pmpg _____ Depth 1576

Pt of coll tap on discharge

Field: Cond _____ pH _____ HCO_3 _____ DO _____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule _____

Other I

Herbicide _____ Insecticide _____

Remarks:

Type 2 (1) Station identification number 29520209526140 1 (2–9) 16

Y M D (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008	1576	04	
Yield (GPM)	00059			
Sample interval TOP	72015	6170	03	
Sample interval BOTTOM	72016	1561	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2650	02		26.5
pH	00400	7900	01		7.9
Specific conductance	00095	5880	03		588
HCO_3	00440	2520	03		252
CO_3	00445	0000	01		0
Chloride (Cl)	00940	5700	02		59
Sulfate (SO_4)	00945	1000	02		10
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31625				
Streptococci	31673				
BOD	00310				

Water Quality Sampling Run

SWN: 65-13-219
County: Harris
Aquifer(s):

Sample No. 659
Date: 6/12/90 9:15
By: D.R. Jones

	Bottle 1	Bottle 2	Bottle 3	Bottle 4	Bottle 5	Bottle 6	Bottle 7	Total Sub-Samples
	1 liter Anions	1 liter Cations/HM	1 gallon Radioactivity	500 ml Nitrate/ Phosphate	1 Qt.(glass) (TOC) Organics	500 ml Cyanide		
		2ml ↓	5ml ↓	1ml ↓	unfiltered			All filtered unless otherwise stipulated. All on ice.
Preserve with:	--	HNO_3 (Nitric)	HNO_3 (Nitric)	H_2SO_4 (Sulfuric)	--	NaOH (Sodium Hydroxide)	KEY PUNCHED	

Water Level _____ LSD

Temperature (00010) 25.5 °C

Specific Conductance (00094) 445 µmhos/cm

pH (00400) 7.51 @ 25.5 °C

Eh (00090) 41.3 mv @ 25.5 °C

Phenol ALK (82244) 0 mg/l

Total ALK (00431) 172 mg/l

Carbonate (00452) 0 meq/l 0 mg/l

Bicarbonate (00453) _____ meq/l 210 mg/l

Total Cations (+) _____

Total Anions (-) _____

Total Hardness (46570) 155

Dissolved Solids (70301) 306 calc. (331 meter)

Notes & Calculations

86 ml acid to 50 ml sample: pH 4.46

890091-B

Texas Water Development Board

Chemical Water Analysis Report

HM- DAJ -1990 659

HM = Heavy Trace and Alkaline-Earth Metals

TWDB Use Only
Work No. 320-3202
IAC No.

Acres Homes #2

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: P. Nordstrom

State Well Number: 65/3219

County: Harris

Date & Time: 6/12/90 9:15

Owner: City of Houston

X Send Copy To Owner c/o Tony Baker

Address: PO Box 1560 Houston, 77251

Sampled After Pumping: PO A Hours

Date Drilled: _____ Depth: _____

Yield: _____ GPM ☐ Measured ☐ Estimated

Collection Point: FAW pH 7.51

Use: PS Temperature: 25.5 °C

By: D.R. Jones

Specific Conductance: 495

Requested Chem[redacted]

Laboratory No.: [redacted]

Date Received: JUN 15 1990

Date Reported: JUL 18 1990

KEY PUNCHED

		me/l	mg/l			me/l	mg/l
Calcium	(00915)		48	Sodium	(00930)		50
Magnesium	(00925)		8.6	Potassium	(00935)		3.0

		µg/l				µg/l
Aluminum	(01106)	<50		Manganese	(01056)	<20
Arsenic	(01000)	<10		Mercury	(71890)	<0.2
Barium	(01005)	253	✓	Molybdenum*	(01062)	<20
Cadmium	(01025)	<10		Selenium	(01145)	2
Chromium	(01030)	<20		Silver	(01075)	<10
Copper	(01040)	<20	✓	Strontium*	(01080)	640
Iron	(01046)	<20	✓	Vanadium*	(01085)	<20
Lead	(01049)	<50		Zinc	(01090)	<20

* Do not analyze unless it is checked.
Note: Crossout those elements not to be analyzed.

890091-E

Texas Water Development Board

Chemical Water Analysis Report

GWN-DRJ-1990-659
(Nitrogen Cycle)

TWDB Use Only
Work No. 320-3202
IAC No.

Acres Homes #2

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: P. Nordstrom
State Well Number: 65 13 219
County: Harris
Date & Time: 6/12/90 9:15
Owner: City of Houston
X Send Copy To Owner C/O Tony Baker
Address: P.O. Box 1560 Houston, 77251
Sampled After Pumping: P & A Hours
Date Drilled: Depth: Yield: GPM ☐ Measured ☐ Estimated
Collection Point: FAW pH 7.51 Use: PS Temperature: 25.5 °C
By: D.R. Jones
Specific Conductance: 495

Requested Chem[redacted]

Laboratory No.: Date Received: JUN 15 1990 Date Reported: JUN 27 1990 KEY PUNCHED

THD-Sample No. EB0 1515 Date Received 06/15/90 Date Reported 06/26/90

		MG/L			MG/L
Nitrate as N	(00618)	0.05			
KJE as N	(00623)	0.1	Ammonia as N	(00608)	0.03
			Nitrite as N	(00613)	< 0.01
			Orthophosphate as P	(00671)	< 0.01

*Note: To convert NO_3-N to NO_3, multiply by 4.427.

890091-D

Texas Water Development Board

Chemical Water Analysis Report

GWR- DRJ 1990. 659
(Anions)

TWDB Use Only
Work No. 320-3202
IAC No.

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Acres Homes #2

Attention: P. Nordstrom
State Well Number: 65/3 219
County: Harris
Date & Time: 6/12/90 9:15
Owner: City of Houston
X Send Copy To Owner % Tony Baker
Address: POBox 1560 Houston, 77251
Sampled After Pumping: POA Hours
Date Drilled: Depth:
Yield: GPM ☐ Measured ☐ Estimated
Collection Point: FAW pH 7.51
Use: PS Temperature: 25.5 °C
By: D.R. Jones
Specific Conductance: 495

Requested Ch[redacted]

Laboratory No[redacted]
Date Received: JUN 15 1990
Date Reported: JUL 19 1990
KEY PUNCHED

THD-Sample No. EBO 1613 Date Received 06/15/90 Date Reported 07/18/90

		MG/L			MG/L
Silica	(00955)	24	Sulfate	(00946)	12
			Chloride	(00941)	53
			Fluoride	(00950)	0.20
P.Akalinity	(00415)	0			
T.Akalinity	(00410)	179			
			Iodide	(71865)	< 0.1
			Boron	(*****)	0.26
			Bromide	(71870)	< 0.01

890091-C

Texas Water Development Board

Chemical Water Analysis Report

MISC- DRJ. 1990. 659

TWDB Use Only	
Work No.	320-3202
IAC No.	

Acres Homes #2

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: P. Nordstrom
State Well Number: 6513219
County: Harris
Date & Time: 6/12/90 9:15
Owner: City of Houston
X Send Copy To Owner c/o Tony Baker
Address: P.O. Box 1560 Houston, 77251
Sampled After Pumping: P O B Hours
Date Drilled: Depth: Yield: GPM ☐ Measured ☐ Estimated
Collection Point: FAW pH 7.51
Use: PS Temperature: 25.5 °C
By: D.R. Jones
Specific Conductance: 495

Requested Chem[redacted]

Laboratory No.: [redacted] Date Received: JUN 15 1990 Date Reported: ~~JUN 27 1990~~ KEY PUNCHED

THD-Sample No. EB0 1602 Date Received 06/15/90 Date Reported 06/26/90

		MG/L	MG/L
TOC	(00680)	< 1	

890091-A

Texas Water Development Board

Chemical Water Analysis Report

RAD - DRJ - 1990 659
RAD = Radioactivity Sample

TWDB Use Only	
Work No.	320-3202
IAC No.	

Acres Homes #2

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: P. Nordstrom
State Well Number: 6513219
County: Harris
Date & Time: 6/12/90 9:15
Owner: City of Houston
X Send Copy To Owner c/o Tony Baker
Address: PO Box 1560 Houston, 77251
Sampled After Pumping: P OP Hours
Date Drilled: Depth:
Yield: GPM ☐ Measured ☐ Estimated
Collection Point: FAW pH 7.51
Use: PS Temperature: 25.5 °C
By: D.R. Jones
Specific Conductance: 495

Requested Che[redacted]
Laboratory No.: [redacted]
Date Received: JUN 15 1990
KEY PUNCHED
Date Reported: OCT 15 1990

Alpha	(01503)	7.9 ± 2.9	pCi/l
Beta	(03503)	< 6.0	pCi/l
Radium 226	(09503)	0.7 ± 0.2	pCi/l
Radium 228	(81366)	< 1.0	pCi/l
Total Radium*	(11500)		pCi/l
Thorium*	(26403)		pCi/l
Uranium*	(22703)		pCi/l

* Do not analyze unless it is checked *yes*.

890091-F

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-04-555
Located on map yes
Received: C.F.S.

1) OWNER Hospital Equities (Name) Address 7676 Woodway Dr (Street or RFD) Houston (City) Tex (State) 77063 (Zip)

2) LOCATION OF WELL: County HARRIS 25 miles in NW (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ See attached map. elog & map in pocket

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 4/16/80

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface 0	240

From (ft.)	To (ft.)	Description and color of formation material
0	87	Clay Red
87	89	Hard Formation
89	91	SAND
91	94	Hard Formation
94	130	Clay
130	132	Hard Formation
132	136	Clay
136	141	Hard Formation
141	182	Clay
182	196	SAND
196	218	Clay
218	240	- SAND -

(Use reverse side if necessary)

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☑ Other TWO STRING
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	New	PVC	0	220	12

CEMENTING DATA
Cemented from 0 ft. to 220 ft.
Method used Pressure
Cemented by _____ (Company or Individual)

9) WATER LEVEL:
Static level 110 ft. below land surface Date 4/16/80
Artesian flow _____ gpm. Date _____

10) PACKERS: Type K Packer Depth 215

RECEIVED
MAR 26 1982
CR/L

11) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 160 ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Stephen L Bufkin (Type or Print) Water Well Drillers Registration No. 1696

ADDRESS 23610 Nichols Sawmill Rd (Street or RFD) Hockley (City) Tex (State) 77447 (Zip)

(Signed) S L Bufkin (Water Well Driller) Bufkin Water Well (Company Name)

Please attach electric log, chemical analysis and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

4820110542

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-12-923

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6512923
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.752223
Latitude (degrees minutes seconds)	29° 45' 08" N
Longitude (decimal degrees)	-95.502778
Longitude (degrees minutes seconds)	095° 30' 10" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	64
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	416
Well Depth Source	Unknown
Drilling Start Date	
Drilling End Date	0/0/1938
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Plugged or Destroyed
Water Level Observation	Miscellaneous Measurements
Water Quality Available	Yes
Pump	None
Pump Depth (feet below land surface)	
Power Type	
Annular Seal Method	
Surface Completion	
Owner	H.W. Rasmussen
Driller	M.R. Pretty
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	
Created Date	5/13/1999
Last Update Date	5/13/1999

Remarks	Screen from 386 to 416 ft. Well destroyed.

Casing - No Data

Well Tests - No Data

Lithology - No Data

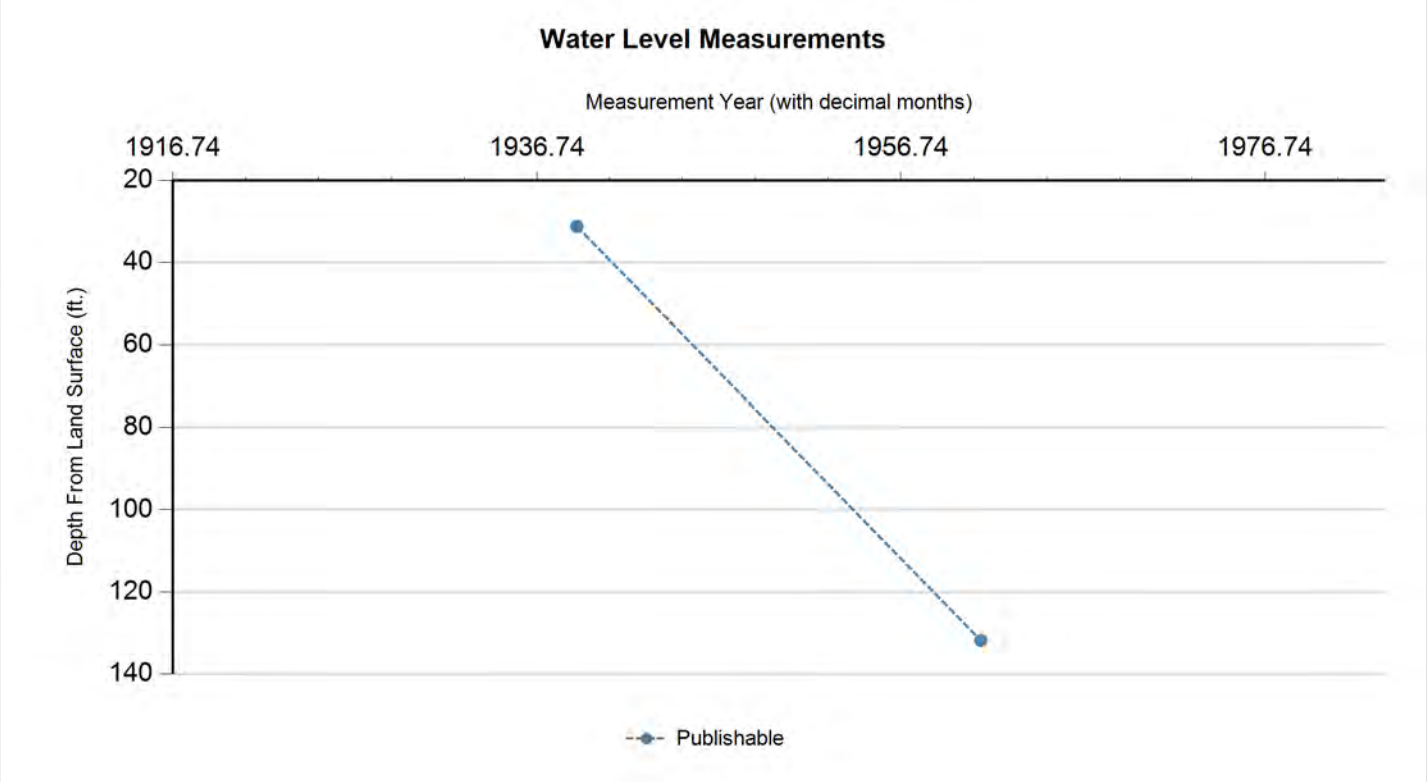
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	12/9/1938		31.2		32.8	1	Texas Water Development Board	Steel Tape		
P	2/14/1961		131.8	100.60	-67.8	1	Texas Water Development Board	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis

Sample Date: 2/10/1939 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:**

Sampled Aquifer: Chicot Aquifer

Analyzed Lab: **Reliability:** Reliability unknown or not available

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		197.54	mg/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		241	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		47	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		191	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)		0.2	mg/L	
00929	SODIUM, TOTAL (MG/L AS NA)		39	mg/L	
00945	SULFATE, TOTAL (MG/L AS SO4)		12	mg/L	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		293	mg/L	

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Texas Water Development Board
Well Schedule

State Well Number 6514703 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294527 **Longitude** 952216 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Phenix Dairy
Well #2

Driller
Layne Texas Co.

Address _____ **Tenant/Oper.** _____

Date Drilled / /1948 **Depth** 962 **Source of Depth** **Altitude** 51 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material**

Completion **Screen Material**

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from_____**to**_____

LIFT DATA - **Pump Mfr. -** _____ **Type -** NONE **No. Stages** _____

Bowls Diam - _____ **in.** **Setting -** _____ **ft.** **Column Diam. -** _____ **in.**

Motor Mfr. - _____ **Fuel or Power -** **Horsepower -**

YIELD Flow- _____ **GPM** **Pump** _____ **GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary -** UNUSED **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** N **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1948
-186

Recorded By _____ **Date Record Collected or Updated -** 09/30/2002

Reporting Agency 01

REMARKS -
TWDB R178: 120 ft. of screen
between 700 and 960 ft.

Aquifer - 121EVGL **ID -** 15

EVANGELINE
AQUIFER

Rqner 8

3A

File original copy with
Texas Water Commission
P. O. Box 2311, Capitol Station
Austin 11, Texas

State of Texas

DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 65-13-32
Located on map 1/m
By Rw Date 63
Map no. 102(2)

1) Well Owner: C. R. Corgey (Name) 7030 N. Shepard, Houston, Texas (Street or RFD, City, State)

2) Land Owner: Same (Name) (Street or RFD, City, State)

3) Intended use: Industrial ☐ ;Municipal ☐ ;Irrigation ☐ ;Other Domestic

4) Location of well: County Harris Labor ____ League ____ Abstract No. ____

NW¼ NE¼ SW¼ SE¼ of Section ____ Block No. ____ Survey ____
(Circle as many as are known)

7030 N. Shepard, Houston, Texas

____ miles in ____ direction (NE, SW, etc.)
from ____ (Town)

North

OK

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 3½" bit in. Date drilled May 3, 1957

All measurements made from 1 ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	51'	Surface & Red Clay			
51	57	Fine Red Sand			
57	120	Clay			
120	129	White Sand			
129	170	Clay			
170	195	White Sand - .014 Ga.			
		(Good Water Sand)			
					(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION

Straight wall ☒
Under reamed ☐
Gravel packed ☐
Open hole ☐
Other ____

CASING

Type: Old ☐ New ☒
Cemented from 0 ft.
to 5 ft. + Formation Packers

Diameter (inches)	Setting from (ft)	Setting to (ft)
2-3/8 OD	0	185

SCREEN

Type Stainless Steel Wire Wrapped
Perforated ☐ Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (ft)
2-3/8 OD	185	195

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

Hill D. Wilson (Signature) Individual (Company Name) Reg. No. 183

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA

Static water level 105
ft. below top of casing

Pumping level

feet	hours	gpm
115	1	10

Pump type Multi Stage Jet
Designed pumping rate 10 gpm ☒ gph ☐
Type power unit Electric Motor
Horsepower 1
Depth to bowls, cylinder, jet, etc., 121 ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company: ____

38

File original copy with
Texas Water Commission
P. O. Box 2311, Capitol Station
Austin 11, Texas

State of Texas

DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 65-13-56
Located on map 1/2
By [illegible] Date 6-[illegible]
Map no. [illegible] (9)

1) Well Owner: C. R. Corgey (Name) 7030 N. Shepard (Street or RFD) Houston, (City) Texas (State)

2) Land Owner: Same (Name) (Street or RFD) (City) (State)

3) Intended use: Industrial ☐ ; Municipal ☐ ; Irrigation ☐ ; Other domestic

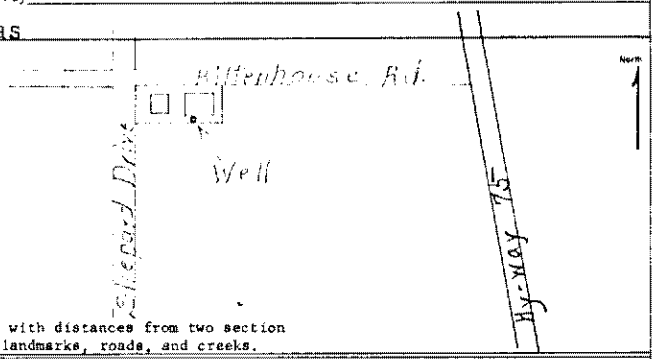
4) Location of well: County Harris Labor _____ League _____ Abstract No. _____

NW¼ NE¼ SW¼ SE¼ of Section _____ Block No. _____ Survey _____
(Circle as many as are known)

7030 No. Shepard, Houston, Texas

_____ miles in _____ (NE, SW, etc) direction

from _____ (Town)



Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

DRILLERS LOG OF WELL

Method of drilling: rotary Diameter of hole 3½" bit in. Date drilled May 3, 1957

All measurements made from 1 ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	51	Surface & red clay			
51	57	Fine red sand			
57	120	Clay			
120	129	White sand			
129	170	Clay			
170	195	White sand - .014 Ga. (Good for Water)			

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION

Straight wall ☒
Under reamed ☐
Gravel packed ☐
Open hole ☐
Other _____

CASING

Type: Old ☐ New ☒
Cemented from 0 ft.
to 5 ft. Formation Packers

Diameter (inches)	Setting from (ft)	Setting to (ft)
2 3/8OD	0	185

SCREEN

Type Stainless Steel Wire Wrapped
Perforated ☐ Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (ft)
2 3/8OD	185	195

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

Hill D. Wilson (Signature) Individual (Company Name) Reg. No. 183

Please attach electric log, chemical analysis, and other pertinent information if available. 6122 Longmont Houston 27, Texas

If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA

Static water level 105 ft. below top of casing

Pumping level feet	hours	gpm
115	1	10

Pump type Multi Stage Jet
Designed pumping rate 10 gpm ☒ gph ☐
Type power unit Electric Motor
Horsepower 1
Depth to bowls, cylinder, jet, etc., 121 ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company: _____

C-34 (62-4)

4820111014

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-318

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513318
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.863334
Latitude (degrees minutes seconds)	29° 51' 48" N
Longitude (decimal degrees)	-95.411667
Longitude (degrees minutes seconds)	095° 24' 42" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	86
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	195
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1957
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Jet
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	C. R. Corgey
Driller	Hill D. Wilson
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178: Screen from 185 to 195 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

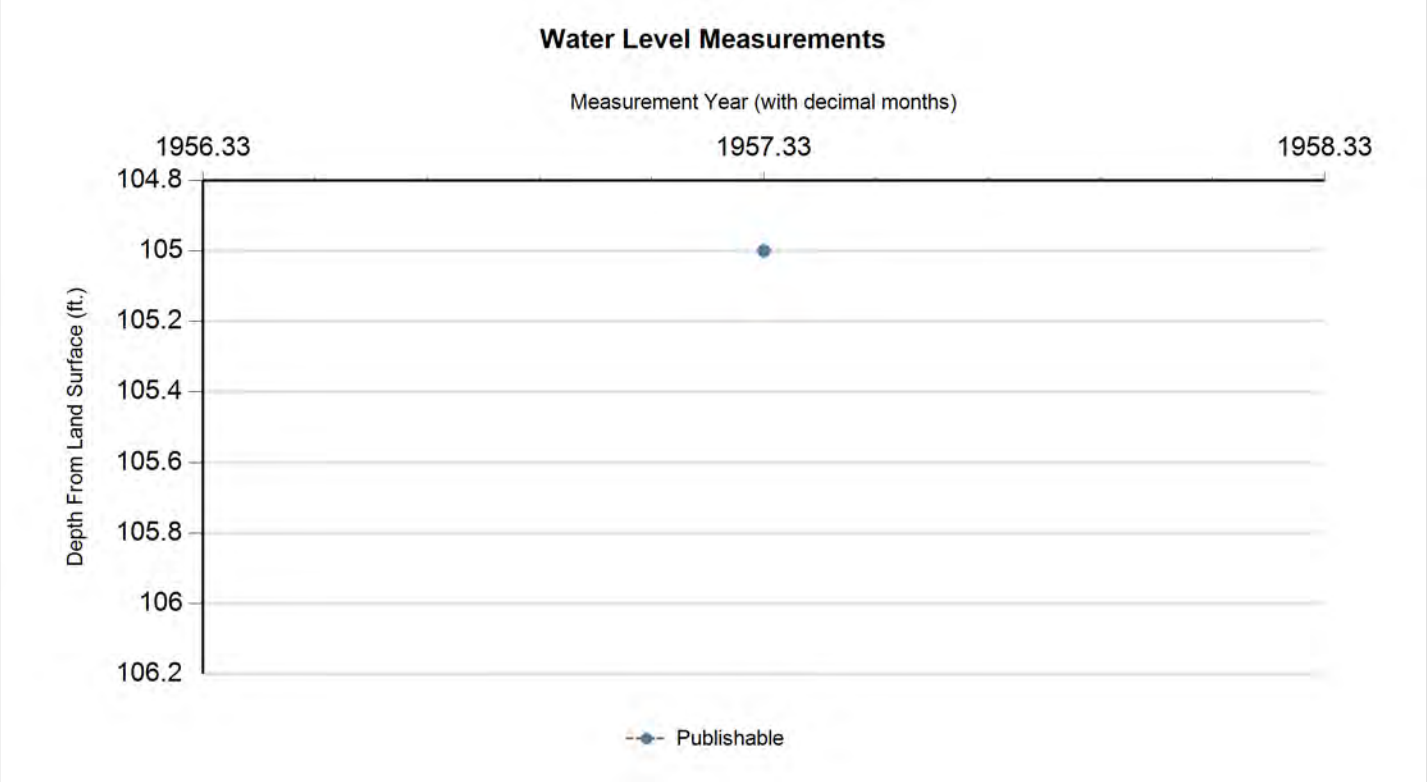
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	3/0/1957		105		-19	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: JMG BUILDERS, LTD. -BLVD. ADDRESS: 2700 POST OAK BLVD. #1666 CITY: HOUSTON STATE: TX ZIP: 77056-

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-22-01
Street or RFD: 2440 NORTH BOULEVARD (THE BOULEVARD APARTMENTS)
City, State, Zip code: HOUSTON TX 77098-
STATE WELL #5893

5)

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: IRRIGATION
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 00114
DATE DRILLING:
STARTED: 03/25/97
COMPLETED: 04/08/97

DIAMETER OF HOLE

DIAMETER	FROM	TO
7.75	-0-	360
4.75	360	388

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: TWO-STRING
IF GRAVEL FROM FT. TO FT.
FROM FT. TO FT.

65-22-01 N

CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5.0	N	PVC WELL CASING	+2	360	SDR 17
2.5	N	PVC BLANK PIPE	356	366	SCH 80
2.5	N	STAINLESS ROD BASE	366	376	8 GA
2.5	N	STAINLESS ROD BASE	376	386	10 GA
2.5	N	NIP W/BACKWASH VALVE	386	388	SCH 80

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	20	BLACK TOPSOIL, CLAY
20	75	RED CLAY SAND
75	140	GRAY CLAY RED CLAY WHITE CLAY
140	178	WHITE CLAY SANDY SHALE SAND
178	230	WHITE CLAY RED CLAY SAND
230	265	CLAY SAND SAND
265	307	CLAY BROWN CLAY CLAY
307	325	SANDY SHALE CLAY
325	358	SAND SAND ROCK CLAY
358	388	SAND SAND SAND

9) CEMENTING DATA:
Cemented from No. of Sacks Used
360 FT. TO 260 FT. 10
-0- FT. TO 18 FT. 10
Method used: HALLIBURTON METHOD
Cemented by: GEOPHYSICAL DRLG.
Distance to septic field lines: n/a ft.
Method of verification of above distance:
NONE TO INSTALL

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 194 FT. DATE: 04/08/97
ARTESIAN FLOW: GPM. DATE:

12) PACKERS

TYPE	DEPTH
BP SEAL	356
FORMATION PACKER	18

RECEIVED JUN 02 1997 TEXAS WATER DEVELOPMENT BOARD CONSERVATION

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 300

14) WELL TEST:
JETTED
YIELD: 90 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 28 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: GEOPHYSICAL DRILLING,INC. WATER WELL DRILLER'S LICENSE NO.: 4898WPK
ADDRESS: P.O. BOX 664 CITY: FULSHEAR STATE: TX ZIP CODE: 77441

FOR TWC USE ONLY
WELL NO. _____
LOCATED ON MAP _____

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Jimmy D. Briney (LICENSED WATER WELL DRILLER)

(signed) _____ (REGISTERED DRILLER TRAINEE)

1

65-12-6D GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711	State of Texas WATER WELL REPORT	For TWDB use only Well No. 65-12-6D Located on map Yes Received: 6 9 Form GW 8 Form GW 9

1) OWNER:
Person having well drilled Mission Manufacturing Company (Name) Address 8760 Clay Road, Houston, Texas (Street or RFD) (City) (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris Labor _____ League _____ Abstract No. _____

NW¼ NE¼ SW¼ SE¼ of Section _____ Block No. _____ Survey _____
(Circle as many as are known)

miles in 8 West (NE, SW, etc.) direction from Houston (Town).

NORTH

Southwest corner of Clay Road and Highway 290

Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well ☒ Deepening ☐
Reconditioning ☐ Plugging ☐

4) PROPOSED USE (Check):
Domestic ☐ Industrial ☒ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

5) TYPE OF WELL (Check):
Rotary ☒ Driven ☐ Dug ☐
Cable ☐ Jetted ☐ Bored ☐

6) WELL LOG: Diameter of hole 9 5/8 x 5 7/8 in. Depth drilled 450 ft. Depth of completed well 450 ft. Date drilled 1/24/69

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	From (ft.)	To (ft.)	Description and color of formation material
0	35	Clay	234	255	clay and shale
35	45	Fine sand	255	265	Sand clay
45	100	Red clay and shale	265	275	Sand
			275	290	Clay
			290	305	Sand
			305	400	Sand and shale
			400	450	Course sand
					(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall ☐ Gravel packed ☐ Other ☐ 2 string
Under reamed ☐ Open hole ☐

8) WATER LEVEL:
Static level 165 ft. below land surface Date 1-26-69
Artesian pressure _____ lbs. per square inch Date _____

9) CASING:
Type: old ☐ New ☒ Steel ☐ Plastic ☐ Other ☐
Cemented from surface ft. to 280 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
6	0	280	19.55#
4	270	290	
4	325	355	
4	375	400	

10) SCREEN:
Type Stainless steel wire wrapped
Perforated ☐ Slotted ☐

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size
4"	290	325	16
4"	355	375	16
4"	400	450	16

11) WELL TESTS:
Was a pump test made? ☒ Yes ☐ No If yes by whom? W. H. Talley
Yield: 300 gpm with 18 ft. drawdown after 3 hrs
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs
Artesian flow _____ gpm Date _____
Temperature of water _____
Was a chemical analysis made? ☐ Yes ☒ No
Did any strata contain undesirable water? ☐ Yes ☒ No
Type of water? _____ depth of strata _____

12) PUMP DATA:
Manufacturer's Name Ruth Berry pump
Type Submergible H.P. 25
Designed pumping rate 300 gpm ☒ gph ☐
Type power unit 440 Volt
Depth to bowls, cylinder, jet, etc., 252 ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME W. H. Talley (Type or Print) Water Well Drillers Registration No. 978

Address 4631 Allum Road (Street or RFD) Houston (City) Texas (State)

(Signed) W. H. Talley (Water Well Driller) American Drilling Co (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

GM

TON
S
O
D
S CHRISTI
NTONIO
S, N. M.
JUNCTION.
X, ARIZ.

Attach 65-12-60

LAYNE TEXAS
COMPANY, INC.

5402 LAWNDALE • P. O. BOX 9098 • HOUSTON, TEXAS 77011
PHONE WAlnut 3-7603/13

"WATER SUPPLY AND DRILLING"

LOG Widco Electric

WELL
LOCATION Mission Mfg.
S.O. 6056-68 File 3342

COMPANY American Drilling Co.

AREA Mission Manufacturing Co.

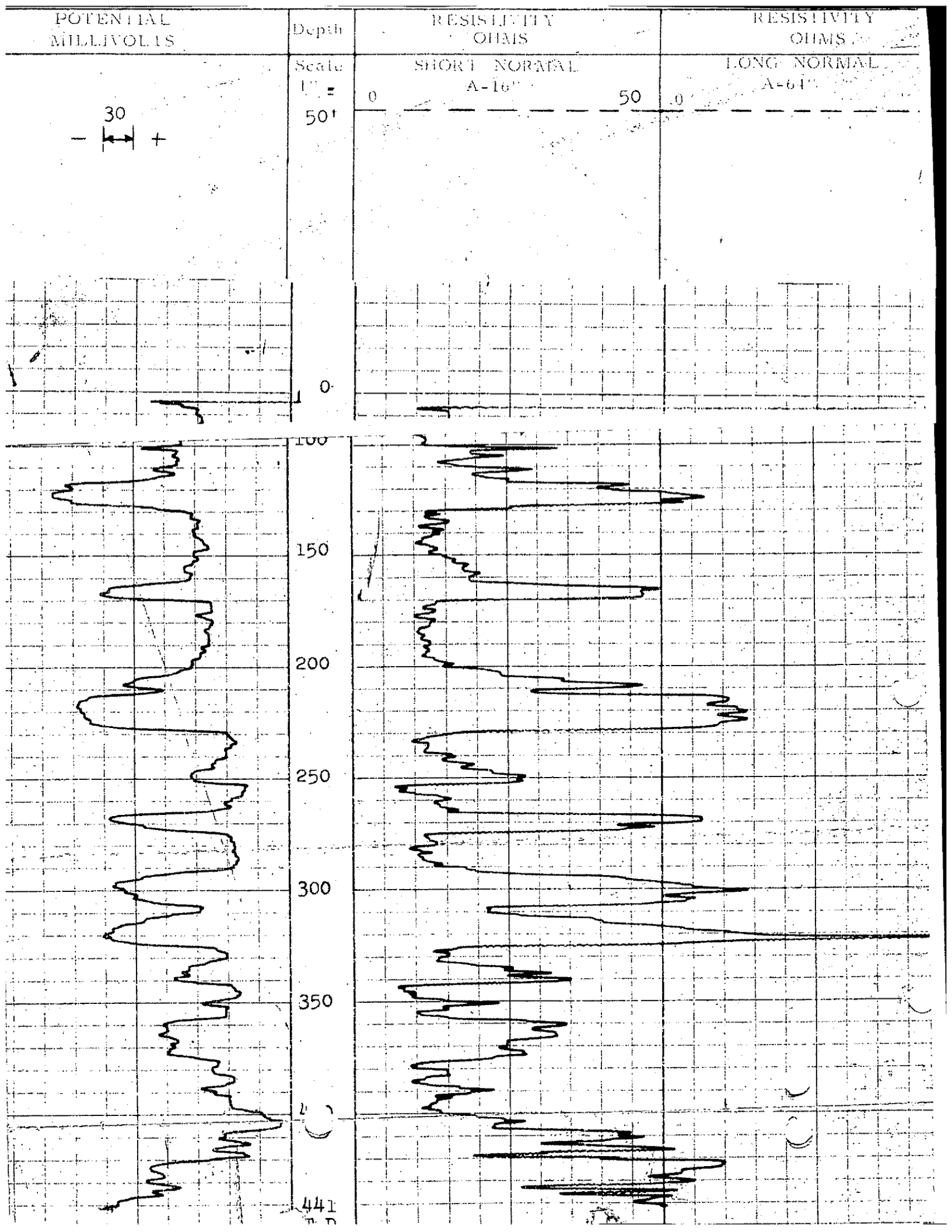
WELL No. 3 Name:

COUNTY Harris STATE Texas

COORDINATES:
N
S
ELEVATION:
D.F.
K.B.
G.L.

	Run No. 1	Run No. 2	MUD	Run No. 1	Run No. 2
Date	1-14-69		Nature		
First Reading	441		Density		
Last Reading	0		Viscosity	@ F	@
Footage Logged	441		Resistivity	18 @ F	@
Bottom (Driller)	443		Res. @ BHT	@ F	@
Casing (From Log)			pH		
Casing (Driller)			Circ. Temp.		
Casing Size			B.H. Temp.		
Bit Size	5-7/8"				
Bit Size					
			Witnessed by	C.D. Tally W.H. Talle	

REMARKS


POTENTIAL
MILLIVOLTS
Depth
Scale
1" =
50'
30
− +
RESISTIVITY
OHMS
SHORT NORMAL
A-16"
0
50
RESISTIVITY
OHMS
LONG NORMAL
A-64"
0
0
100
150
200
250
300
350
441

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 12 306 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 50 06 Longitude - 95 30 35 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Sandvik Rock Tool Co. Driller - Texas Water Wells

Address _____ Tenant/Oper. _____
Date Drilled - / /1955 Depth - 579 ft. Source of Depth - D Altitude - 90 ft. Source of Alt. - M
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User - 572800

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) | Setting(feet) From | To

LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 50

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- D Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CHCT
Well No. - 65 12 306

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 12 305 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 50 08 Longitude - 95 30 34 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Sandvik Rock Tool Co. Driller - Layne Texas Co.

Address _____ Tenant/Oper. _____
Date Drilled - 05/26/1957 Depth - 740 ft. Source of Depth - D Altitude - 90 ft. Source of Alt. - M
Aquifer - 112CEVG CHICOT AND EVANGELINE AQUIFERS Well Type - W User - 572800

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from _____ to _____

Diam. (in.)	Setting(feet) From	To
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		

LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CEVG
Well No. - 65 12 305

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 12 310 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 50 08 Longitude - 95 30 34 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - Sandvik Rock Tool Co. Driller - American Drilling

Address _____ Tenant/Oper. _____
Date Drilled - 01/26/1969 Depth - 450 ft. Source of Depth - D Altitude - 90 ft. Source of Alt. - M
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User - 572800

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) Setting(feet) From To

LIFT DATA - Pump Mfr. _____ Type - SUBMERSIBLE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 25

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- INDUSTRIAL Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- D Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CHCT
Well No. - 65 12 310

10/06/2021
04:10:43

Texas Commission on Environmental Quality
DWW Water System Summary Sheet

PWS ID	PWS Name	Central Registry RN
TX1011167	SANDVIK ROCK TOOL INC	

Organization/Customer *	Central Registry CN
null	null

*Regulatory mail will be addressed to this organization/person

All Water System Contacts		
Type	**Contact**	**Communication**

Operator Grade	Number

Water Operator Licenses
No Licensing Data for this PWS

Owner Type	Owner Type Options: COUNTY, DISTRICT, FEDERAL GOVERNMENT, INVESTOR OWNED, MUNICIPALITY, NATIVE AMERICAN, PRIVATE, STATE GOVERNMENT, WATER SUPPLY CORPORATION
Private	

System Type	System Type Options: COMMUNITY, TRANSIENT/NON-COMMUNITY, NON-PUBLIC, NON-TRANSIENT/NON-COMMUNITY
NP - NON-PUBLIC	

Population Type	Population Served	# of Connect	# I/C w/other PWS
NonResidential	230	1	0

Total Product (MGD)	Average Daily Consump.	Max Daily Demand (MGD)	Total Storage (MG)	Elev. Storage (MG)	Service Pump Cap.	Max.Purchase Cap. (MGD/GPM)	Pressure Tank Cap. (MG)

Activity Status	Inactivation Date
I - INACTIVE	01/01/2001

Last Survey Date	Surveyor	Survey Type	Region	County
No Site Visit Data				

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP001	TRT-TAP / No Source Listed(I)	CHLORINATOR(I)	TP15968		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	423	HYPOCHLORINATION, PRE

(Active Sources)

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth
G1011167A	1	O	740
G1011167B	2	O	579

Code Explanations
Monitoring Type Codes: (GW) GROUNDWATER , (GUP) GROUNDWATER UNDER THE INFLUENCE - PURCHASED , (SWP) SURFACE WATER - PURCHASED , (GU) GROUNDWATER UNDER THE INFLUENCE OF SURFACE WATER , (N) NO SOURCES , (SW) SURFACE WATER
Activity Status Codes: (A) ACTIVE , (D) DELETED/DISSOLVED , (I) INACTIVE , (P) PROPOSED ,
Operational Status Codes: (E) EMERGENCY , (I) INTERIM/PEAK (O) OTHER , (P) PERMANENT , (S) SEASONAL
Source Types: (G) GROUND WATER , (S) SURFACE WATER , (U) GROUND WATER UNDER THE INFLUENCE

- End of Report -

At the time of your query this data was the most current information available from our database, which is in real time. Every effort was made to retrieve it according to your query. Thank-you for using DWW.

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-12-610

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6512610
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.833055
Latitude (degrees minutes seconds)	29° 49' 59" N
Longitude (decimal degrees)	-95.509445
Longitude (degrees minutes seconds)	095° 30' 34" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	89
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	232
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1964
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Industrial
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Texaco Inc.
Driller	Lowry Water Wells
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/5/2002
Last Update Date	9/5/2002

Remarks	TWDB R178: Screen from 217 to 232 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

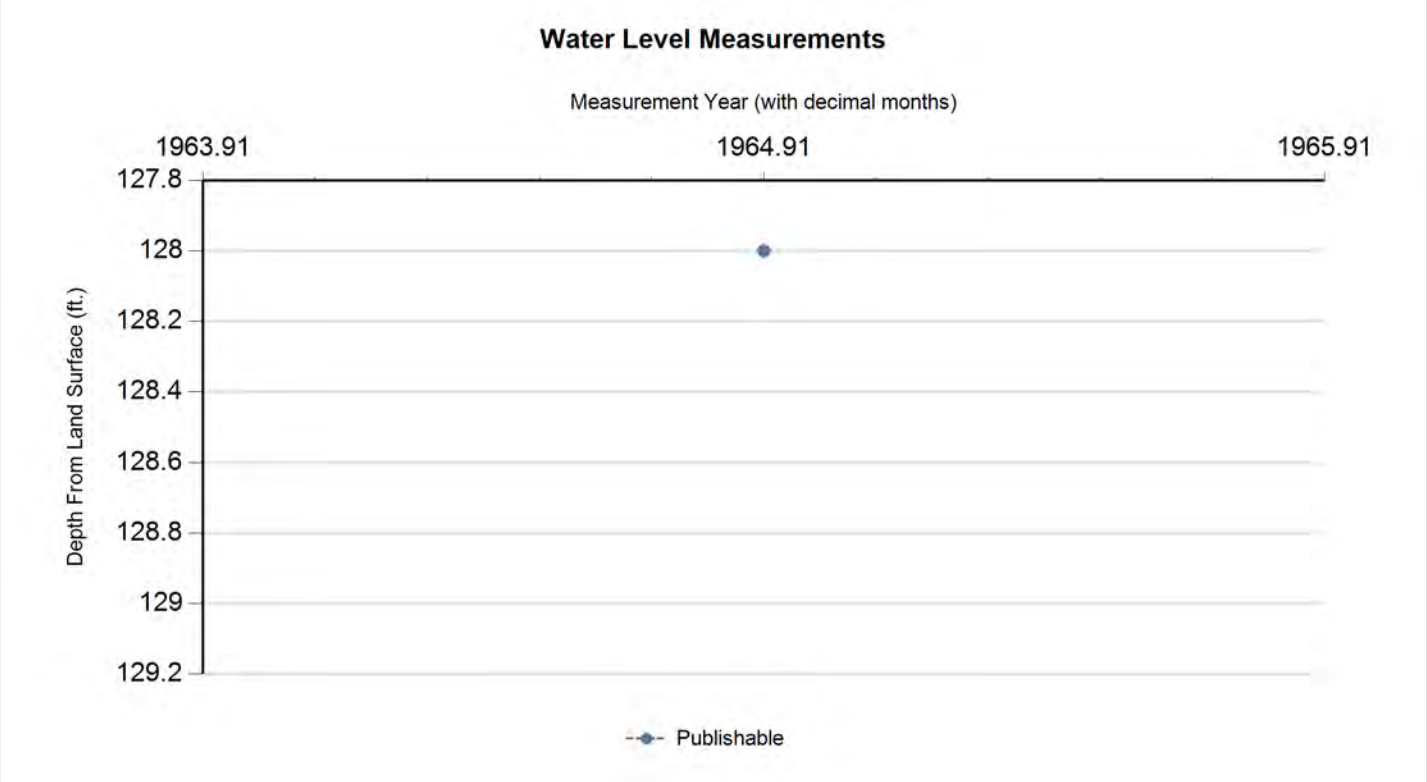
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	12/1/1964		128		-39	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

2 - E-Log

5

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-13-20
Located on map yes
Received: C.F.S.

1) OWNER City of Houston (Name) Address 1810 Dolly Wright (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris County miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
e logs in pocket
☒ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☐ Industrial ☒ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 12/12/84

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
29"	Surface	317'
34"	317'	620'

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☒ Underreamed ☒ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 317 ft. to 620 ft.

From (ft.)	To (ft.)	Description and color of formation material
		See Driller's Log

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
		See Attached			

CEMENTING DATA
Cemented from 0 ft. to 317' ft.
Method used Halliburton
Cemented by Dowell (Company or Individual)

9) WATER LEVEL:
Static level 279.83 ft. below land surface Date 12/12/84
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth
N/A

11) TYPE PUMP:
☒ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 550 ft.

12) WELL TESTS:
☐ Type Test: ☒ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 1500 gpm with 75.01 ft. drawdown after 48 hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

(Use reverse side if necessary)

RECEIVED JUN 17 1985 DEPT OF WATER RESOURCES

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A. C. England (Type or Print) Water Well Drillers Registration No. 2016

ADDRESS 6615 Gant Street (Street or RFD) Houston (City) Texas (State) 77066 (Zip)

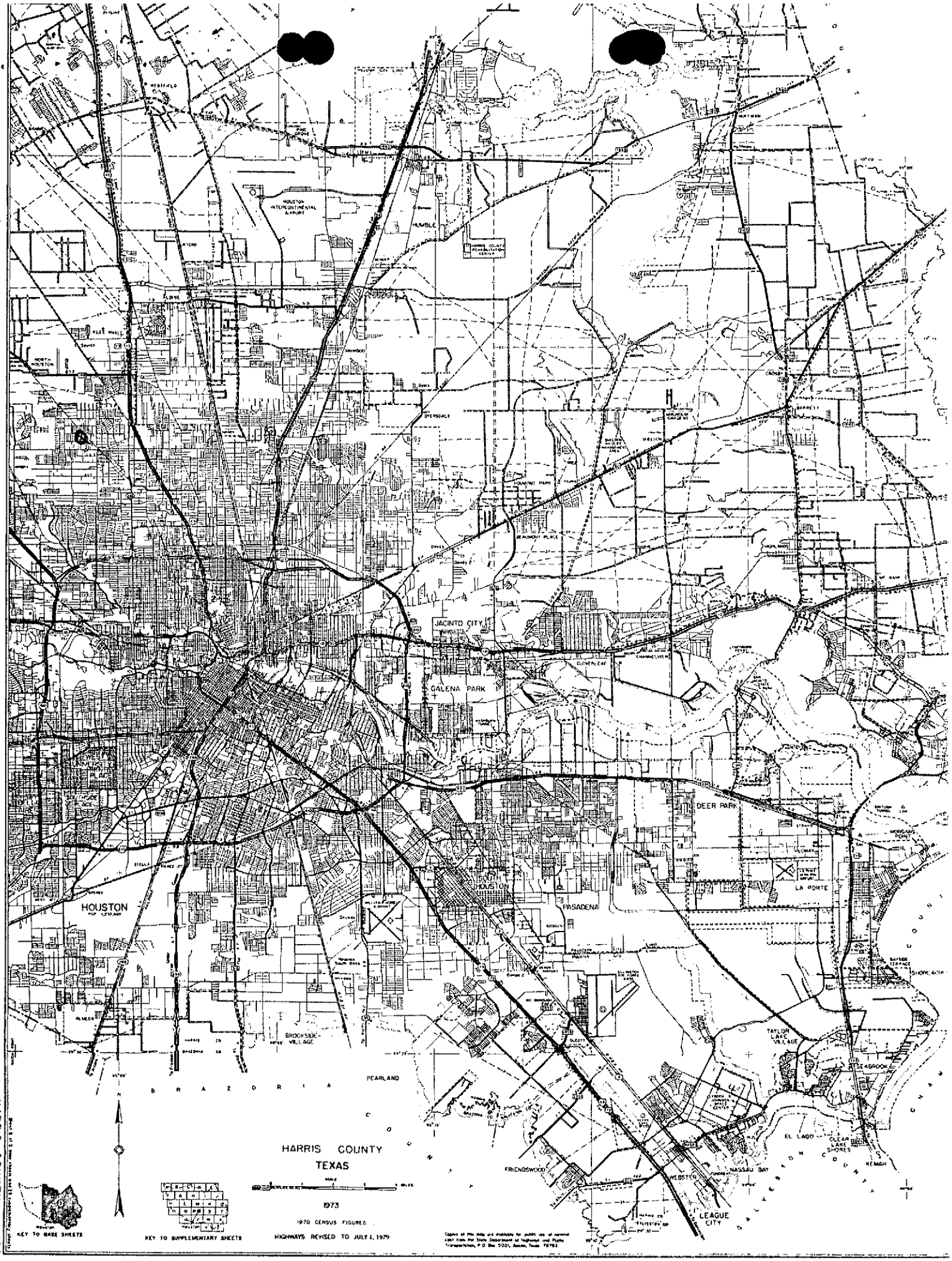
(Signed) A C England (Water Well Driller) Alsay Incorporated (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

cB



HARRIS COUNTY TEXAS 102

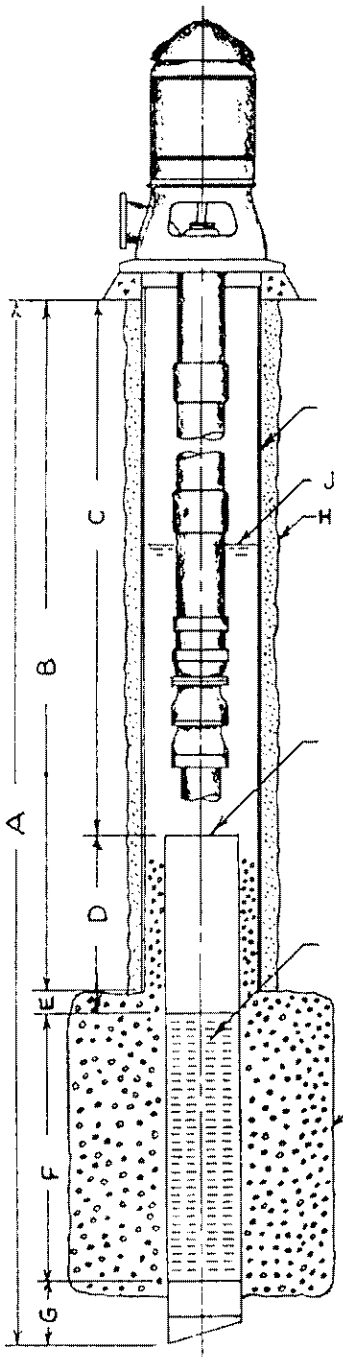
CB

WELL LOG and MATERIAL REPORT

CUSTOMER City of Houston WELL NO. Well 2SB

LOCATION COMPLETED

ADDRESS 1810 Dolly Wright CONTRACT NO.



DIMENSIONS:

A — 620'
B — 317'
C — 0
D — 322'
E — 5
F — 171'
G — 20'
H — 29" Diam.
I — 34" Diam.
J — 279.83

Size 24"
Weight 94.62
Wall .375

(Static Level)

Size 18"
Weight 70.59
Wall .375

Size 18"
Type Pipe Base
Material S.S.
Gauge
Opening .040

PUMP DATA: Serial

Bowl Assembly Stage, Size Model

Discharge Column — Setting Feet

Size — Pipe Tubing Shaft

Head-Type Size Discharge

Suction, Length Size

Design Conditions: — USGPM TDH

Manufacturing:

MOTOR DATA:

HP Make Speed

Voltage Frame Type

Serial No.

Calculated Thrust:

Thrust Capacity:

REMARKS:

See Pump Data

SCREEN & BLANK LINER LAYOUT:

Depth	Blank	Screen

See Attached

ALSAY-TEXAS CORPORATION
Industrial & Municipal Water Wells
Well and Pump Workover
6615 Gant St. Houston, Texas 77066
(713) 444-6960 Telex: 792838

EXHIBIT "A"

ACRES HOMES #2-SB 10/23/84
PROPOSED RECOMMENDED MATERIAL SETTINGS
620' T.D. Completion

Depth	24"	18" Blank	18" Screen
0 - 317'	317'		
0 - 322'		322'	
322 - 382'			60'
382 - 396'		14'	
396 - 408'			12'
408 - 430'		22'	
430 - 440'			10'
440 - 488'		48'	
488 - 528'			40'
528 - 534'		6'	
534 - 558'			24'
558 - 575'		17'	
575 - 600'			25'
600 - 620'	Mule shoe, back pressure valves	20'	
		449'	171'

24'	Surface Casing	=	317'
18"	Blank Liner	=	449'
18"	S.S. Screen	=	171'
2"	Sensor Pipe	=	?

Pump Suction Sets @ 570'

RECEIVED DEC 1 1 [illegible]

EDNA WOOD LABORATORIES, INC.

TEL.: (713) 747-7271

WATER TECHNOLOGISTS . . CHEMISTS . . MICROBIOLOGISTS

4820 OLD SPANISH TRAIL
HOUSTON TEXAS 77021

10 December 1984

To: Alsay Incorporated
6615 Gant
Houston, Texas 77066

P. O. No. 12542

For: Mr. Brent Collins

Sample marked: Acres Homes - 12-7-84 - 10:30 AM

Received: 12-7-84

ANALYSIS
mg/l except as noted

Appearance	Clear
pH	7.38 at 23°C
Chloride, Cl	54
Sulfate, SO_4	2
Hardness, $CaCO_3$	187
Iron, Fe (by Atomic Absorption)	0.03
Specific Conductance micromhos/cm, 25°C	505

Edna Wood Laboratories, Inc.

By: Alice Perry
Alice Perry,
Supervising Chemist

2647
pm

RECEIVED JAN 1 0 1985

EDNA WOOD LABORATORIES, INC.

TEL.: (713) 747-7271

WATER TECHNOLOGISTS . . CHEMISTS . . MICROBIOLOGISTS

4820 OLD SPANISH TRAIL
HOUSTON TEXAS 77021

8 January 1985

To: Alsay Incorporated
6615 Gant
Houston, Texas 77066

P. O. No. A-12607

For: Mr. Ace England

Sample marked: Acre Homes 12-17-84

	ANALYSIS µg/l
Trihalomethane	
Chloroform	*ND, < 1
Bromodichloromethane	*ND, < 2
Chlorodibromomethane	*ND, < 2
Bromoform	*ND, < 4

*None detected at specified detection limit.

Note: Analyses performed by outside laboratory. Other requested analyses will follow upon completion of analysis.

Edna Wood Laboratories, Inc.

By: Alice Perry
Alice Perry,
Supervising Chemist

2711
pm

RECEIVED JAN 23 1985

EDNA WOOD LABORATORIES, INC.

TEL. (713) 747-7271

WATER TECHNOLOGISTS . . CHEMISTS . . MICROBIOLOGISTS

4820 OLD SPANISH TRAIL
HOUSTON TEXAS 77021

24 January 1985

To: Alsay, Incorporated
6615 Gant
Houston, Texas 77066

P. O. No. A-12607

For: Mr. Ace England

Sample marked: Alsay - Acres Homes 12-17-85 1:45 PM 76°C - taken by A. Copeland of EWL.

Received: 12-17-84

ANALYSIS

By Atomic Absorption - mg/l

Arsenic, As	< 0.005
Barium, Ba	0.2
Cadmium, Cd	< 0.01
Chromium, Cr	< 0.01
Copper, Cu	< 0.01
Iron, Fe	0.08
Lead, Pb	< 0.01
Manganese, Mn	0.01
Mercury, Hg	< 0.001
Sodium, Na	30
Potassium, K	1.7
Selenium, Se	< 0.01
Silver, Ag	< 0.005
Zinc, Zn	< 0.01

pCi/liter

Gross Alpha	< 2
Gross Beta	< 3
Radium -226	< 0.6
Radium -228	< 1

SDWA Herbicide Compounds - µg/l

2,4-D	ND	< 5.0
2,4,5-TP (Silvex)	ND	< 3.0

SDWA Pesticide Compounds - µg/l

Lindane	ND	< 0.05
Endrin	ND	< 0.10
Methoxychlor	ND	< 0.20
Toxaphene	ND	< 5.0

ND = Not detected at the specified detection limit.

Note: Radiation, Herbicide & Pesticide analyses performed by outside laboratory.

Edna Wood Laboratories, Inc.

2711
slp

By: Alice Perry
Alice Perry, Supervising Chemist

EDNA WOOD LABORATORIES, INC.
WATER TECHNOLOGISTS • CHEMISTS • MICROBIOLOGISTS

24 January 1985

To: Alsay, Inc.
6615 Gant
Houston, Texas 77066

P. O. No. A-12607

Sample marked: Alsay - Acres Homes 12-17-84 - 1:45 PM -76°F. Taken by A. Copeland of EWL.

Received: 12-17-85

WATER ANALYSIS
results in parts per million (mg/l) except as noted

Dissolved Residue at 350° C		315	Conductance, micromhos/cm, 25°C		530
Total Dissolved Solids, actual†		436	Color, units		0
Total Dissolved Solids, calc.		430	Turbidity, units		0.3
Silica	SiO_2	23	As Calcium Carbonate, $CaCO_3$:		
Calcium	Ca	70	Phenolphthalein Alkalinity		0
Magnesium	Mg	7	Total Alkalinity		196
*Sodium	Na	30	Total Hardness		202
*Potassium, K		1.7			
Carbonate	CO_3	0	Free Carbon Dioxide	CO_2	1.3
Bicarbonate	HCO_3	239	pH . . . 7.47 at 23.5°C		
Sulfate	SO_4	6			
Chloride	Cl	53	Threshold Odor		None detected
Total Fluoride	F	< 0.1	Hydrogen Sulfide, H_2S**		None detected
Total Nitrate	NO_3	< 0.4	Sand oz/100 gal.		0.002
*Total Manganese	Mn	0.01			
*Total Iron	Fe	0.08	**Done in field.		
Iron, filtered sample	Fe	-			
*By Atomic Absorption.					

†Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO_3) ion

EDNA WOOD LABORATORIES, INC

By: Alice Perry
Alice Perry, Supervising Chemist

2711
slp

Tel. (713) 747-7221 • P. O. BOX 14171 • 4820 OLD SPANISH TRAIL • HOUSTON, TEXAS 77021

HARRIS COUNTY
TEXAS
HOUSTON
DEER PARK
PASADENA
GALENA PARK
HARRIS COUNTY

No Map Found

Km4125

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER City Of Houston-Acres Home 2B (Name) ADDRESS 7004 Ardmore (Street or RFD) Houston, Texas (City) (State) 77054 (Zip)

2) ADDRESS OF WELL:
County Harris 1810 Dolly Wright (Street or RFD) Houston, Texas (City) (State) (Zip) GRID # 65-04-9

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [ ] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [X] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [X] Yes [ ] No

5)

6) WELL LOG:
Date Drilling:
Started 10-2 19 95
Completed 12-22- 19 95

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
35	Surface	80
29	0	708
36	708	1075

7) DRILLING METHOD (Check): [ ] Driven [ ] Air Rotary [X] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

N

From (ft.)	To (ft.)	Description and color of formation material
		See Attached COpy

(Use reverse side if necessary)

8) Borehole Completion (Check): [ ] Open Hole [ ] Straight Wall [X] Underreamed [X] Gravel Packed [ ] Other
If Gravel Packed give interval ... from 660 ft. to 1075 ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
30	N	Steel	0	80	.375
24	N	Steel	0	708	.500
18	N	Steel With Stain-less Screen	658	1075	.375 .035

9) CEMENTING DATA [Rule 338.44(1)] Halliburton
Cemented from 0 ft. to 80 ft. No. of sacks used 75
0 ft. to 708 ft. No. of sacks used 904
Method used Solid Hydraulics
Cemented by Dowell Schlumberger
Distance to septic system field lines 150 ft.
Method of verification of above distance City Of Houston

10) SURFACE COMPLETION
[X] Specified Surface Slab Installed [Rule 338.44(2)(A)]
[ ] Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
[ ] Pitless Adapter Used [Rule 338.44(3)(b)]
[ ] Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL:
Static level 405 ft. below land surface Date 12-22-95
Artesian flow gpm. Date

12) PACKERS: Type Depth
N/A

13) TYPE PUMP:
[X] Turbine [ ] Jet [ ] Submersible [ ] Cylinder
[ ] Other
Depth to pump bowls, cylinder, jet, etc., 660 ft.

14) WELL TESTS:
Type test: [X] Pump [ ] Bailer [ ] Jetted [ ] Estimated
Yield: 1815 gpm with 93 ft. drawdown after 48 hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Depth of strata
Was a chemical analysis made? [X] Yes [ ] No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Alsay Incorporated (Type or print) WELL DRILLER'S LICENSE NO. 2048 WPKT

ADDRESS 6615 Gant (Street or RFD) Houston, Texas (City) (State) 77066 (Zip)

(Signed) Neil Rollie (Licensed Well Driller)
Neil Rollie

(Signed) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 09-01-93)

4820110484

ALSAY
INCORPORATED
GROUNDWATER EXPLORATION & DEVELOPMENT

REPLY TO: 6615 GANT STREET
HOUSTON, TEXAS 77066
PHONE: (713) 444-6960
FAX #: (713) 444-7081

ACRES HOMES WATER WELL No. 2-B

Proposed Material Settings 10/17/95

	24 " 0.500 wall Casing	18 " 0.375 wall Blank	18 " 0.375 wall Screen
0 – 708	708 ft.		
658 – 714		56 ft.	
714 – 736			22 ft.
736 – 756		20	
756 – 764			8
764 – 784		20	
784 – 796			12
796 – 800		4	
800 – 818			18
818 – 838		20	
838 – 928			90
928 – 940		12	
940 – 953			13
953 – 957		4	
957 – 1006			49
1006 – 1010		4	
1010 – 1030			20
1030 – 1034		4	
1034 – 1050			16
1050 – 1075 T.D.		25	
	708 ft.	169 ft.	248 ft.

TOTAL MATERIALS:

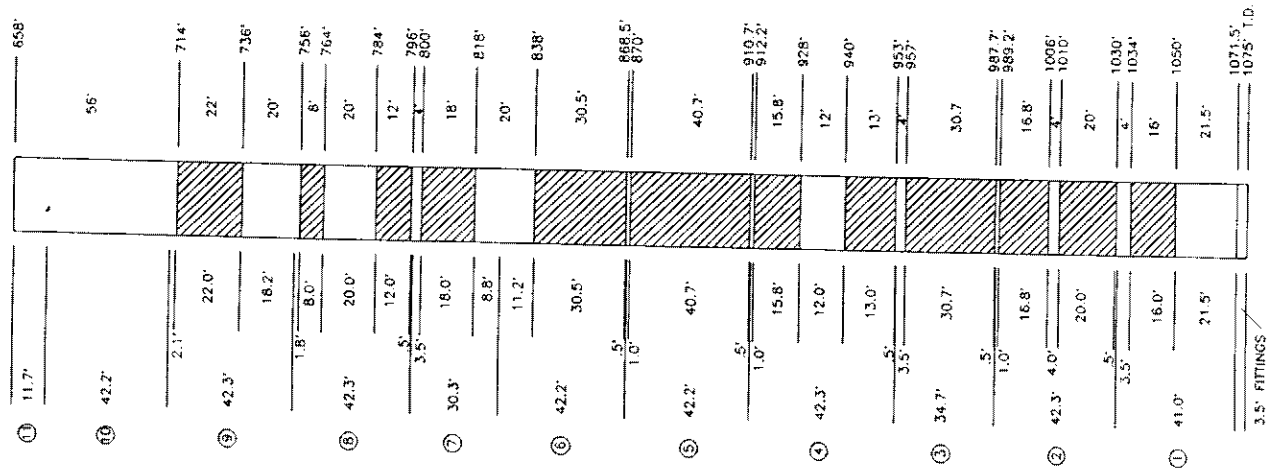
24 inch Casing.....	708 feet
18 inch Blank Liner.....	169 feet
18 inch Screen.....	248 feet
Total Depth.....	1075 feet

ALSAY
INCORPORATED
GROUNDWATER EXPLORATION & DEVELOPMENT

REPLY TO: 6615 GANT STREET
HOUSTON, TEXAS 77066
PHONE: (713) 444-6960
FAX #: (713) 444-7081

Acres Homes Water Well No. 2-B
Drillers Log 10/17/95

Depth (feet)	Description
0 – 6	Sub structure
6 – 9	Top Soil
9 – 15	Sand
15 – 125	Reddish brown clay
125 – 160	Sand
160 – 238	Clay (Reddish Brown)
238 – 284	Sand
284 – 294	Clay (Whitish Gray)
294 – 304	Sand
304 – 336	Clay (Whitish Brown)
336 – 364	Sand
364 – 372	Clay (Whitish Gray)
372 – 386	Sand
386 – 396	Clay (Whitish Gray)
396 – 412	Sand
412 – 480	Clay (Reddish Brown)
480 – 670	Sand (Small clay streaks)
670 – 694	Clay (Reddish Brown)
694 – 704	Sand
704 – 712	Clay (Whitish Gray)
712 – 740	Sand
740 – 784	Clay (Reddish Brown)
784 – 820	Sand
820 – 832	Clay (Whitish Gray)
832 – 930	Sand
930 – 940	Clay
940 – 1050	Sand
1050 – 1080	Clay (Reddish Brown)
1080 – 1120	Sand
1120 – 1160	Clay



NOTES. HATCHED AREA MARKS SCREENED AREA, JOINTS ARE RANDOM LENGTHS.
18" .035 GAUGE T-304 STAINLESS STEEL WESCO WELD MILL SLOTTED PIPE
BASE WATER WELL SCREEN MADE ON CUSTOMER'S .375" WALL BLACK CARBON
STEEL PIPE, P.E.B.

REV. NO.	CHG. NO.	CHANGE	DRAWN	APP.	DATE

COMPANY CONFIDENTIAL

THIS DRAWING OR PRINT IS THE PROPERTY OF WESTERN WELL SCREEN COMPANY AND IS SUBJECT TO ITS RETURN ON REQUEST. THE DESIGN CONCEPTS AND INFORMATION CONTAINED HEREIN ARE PROPRIETARY TO THAT CORPORATION AND IT'S SUBSIDIARIES AND ARE SUBMITTED IN CONFIDENCE. THEY ARE NOT TRANSFERABLE AND MUST BE USED ONLY FOR THE PURPOSE FOR WHICH THE PRINT IS EXPRESSLY LOANED. THEY MUST NOT BE DISCLOSED, REPRODUCED OR OTHERWISE USED IN ANY MANNER DETRIMENTAL TO THE INTEREST OF WESTERN WELL SCREEN COMPANY. ALL PATENT RIGHTS ARE RESERVED UNLESS THEY ARE SPECIFICALLY WAIVED IN WRITING.

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED

SURFACE FINISH INCHES ☐ [mm] ☐
DIMENSIONS ARE IN INCHES ☐ [mm] ☐
APPLICABLE SPECIFICATIONS

TOL.	mm	INCHES
X.	± ____	± ____
X	± ____	± .030
.XX	± ____	± .015
.XXX	± ____	± .005
FRACTIONS		± 1/8
ANGLES		± 2°

CODE IDENT. NO. XXXXXXX	NAME	DATE
DRAWN BY	JLB	10-25-95
PROJ. ENGR.	MO	10-27-95
CHECKER CODE	XXXXXX	XX-XX-XX
ENGR. MGR.	DSA	10-27-95
MANUFACTURING	XXXXXX	XX-XX-XX
V.P. ENGR.	XXXXXX	XX-XX-XX
QUALITY CONTROL	XXXXXX	XX-XX-XX
RELEASED	DSA	10-27-95

WESTERN WELL SCREEN COMPANY
14309 Sommermeyer
Houston, Texas 77041

TITLE ACRES HOMES #2-B
CLIENT ALSAY, INC.
DWG. NO W031057
PART NO. REF NO.
PRODUCT NO FILE NO. W031057 SCALE NONE SHEET 1 OF 1

65-05-1J

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-05-1J
Located on map yes
Received: 71 yes

1) OWNER:
Person having well drilled Northwest Houston Water Sply. Corp. (Name) Address Houston, Texas (Street or RFD) (City) (State)

Landowner Acres Homes (Name) Address Same (Street or RFD) (City) (State)

Water Well #2

2) LOCATION OF WELL:
County Harris, _____ miles in _____ direction from _____
(N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

• well site

Dolly Wright

Phillips

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
X New Well, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check):
Domestic, Industrial, X Municipal, Irrigation, Test Well, Other

5) TYPE OF WELL (Check):
X Rotary, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 24 in. Depth drilled 2109 ft. Depth of completed well 1585 ft. Date drilled 8/1971

All measurements made from 9 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	9	Ground Level
9	43	Clay
43	70	Sand
70	75	Shale
75	96	Sand
96	100	Shale-Clay
100	122	Sand
122	174	Sand Clay-Gravel
174	260	Clay
260	284	Sand-Shale Strks.
284	287	Shale

(Use reverse side if necessary) (OVER)

9) Casing:
Type: Old, X New, Steel, Plastic, Other
Cemented from Surface ft. to 620 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
14	570	626	Blank
"	671	722	"
"	742	805	"

10) SCREEN:
Type S.S. Rib Type Screen
Perforated, X Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
14	626	671	.050 ga.
"	722	742	.050 "
"	805	822	.050 "

7) COMPLETION (Check):
Straight wall, X Gravel packed, Other
X Under reamed, Open Hole

8) WATER LEVEL:
Static level 325 ft. below land surface Date 11/23/70
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? X Yes No If yes, by whom? Texas Water Wells, Inc.
Yield: 2750 gpm with 58 ft. drawdown after 48 hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? X Yes No
Did any strata contain undesirable water? Yes X No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME A. E. Fawcett, Jr. (Type or Print) Water Well Drillers Registration No. 82

ADDRESS 3611 N. McCarty, (Street or RFD) Houston (City) Texas 77029 (State)

(Signed) A. E. Fawcett Jr. (Water Well Driller) Texas Water Wells, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53 COPY MAILED TO WELL OWNER

GM

Q-1516

2)LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area. e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.

From	To	Description & Color of formation material
287	310	Sand
310	337	Shale
337	386	Sand
386	463	Shale
463	644	Sand-Shells
644	893	Sand-Shale
893	906	Sandy Shale
906	939	Sand
939	944	Shale
944	960	Sand
960	992	Shale
992	1058	Sand Broken
1058	1080	Shale
1080	1135	Sand
1135	1148	Sand-RK
1148	1210	Hard Sand
1210	1230	Sand
1230	1277	Shells
1277	1373	Shales - Shells
1373	1430=	Shales - Shells
1430	1490	Sand
1490	1520	Shale
1520	1550	Sand-Shale Strks
1550	1618	Sand
1618	1700	Shale
1700	1728	Hard Sand
1728	1805	Shale
1805	1808	Hard Sand
1808	1890	Shale
1890	1915	Sand
1915	1942	Shale
1942	1950	Hard Sand
1950	2022	Shale
2022	2109	Sandy Shale

9.) Casing:

From	To	Gage
822	849	Blank
874	877	"
939	943	"
964	975	"
1014	1018	"
1058	1096	"
1105	1110	"
1125	1209	"
1231	1250	"
1292	1426	"
1435	1441	"
1487	1512	"
1532	1540	"
1570	1585	"

10.) Screen:

849	874	.040 ga.
877	939	.040 "
943	964	.050 "
975	1014	.040 "
1018	1058	.040 "
1096	1105	.040 "
1110	1125	.040 "
1209	1231	.040 "
1250	1292	.050 "
1426	1435	.040 "
1441	1487	.040 "
1512	1532	.040 "
1540	1570	.040 "

RECEIVED
MAY 10 1971
TEXAS WATER DEVELOPMENT BOARD

Texas Water Development Board
Well Schedule

State Well No. 65 13 225 Previous Well No. County Harris 201

River Basin San Jacinto 10 Zone 1 Lat. 29 52 09 Long. 095 26 13 Accuracy of Coord. 1

Owner's Well No. 2B Location ____ 1/4, ____ 1/4, Section ____, Block ____, Survey ____

Near #2A & #2

Owner City of Houston Acres Homes #2B Driller Alsay Inc.

Address 1810 Dolly Wright St. Tenant/Oper. ____

Date Drilled 12 22 1995 Depth 1075 Source of Depth Datum D Altitude 91 Source of Alt. Datum M

Aquifer Evangeline 121EVGL Well Type W User 396200

Aquifer ID 15

Well Construction Const. Method Mud Rotary H Casing Material Steel S

Completion UR-GP Screen G Screen Material Stainless R

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S)
Open Hole (O)
Cemented from 0 to 708

	Diam. (in.)	From	To
1	C 30	0	80
2	C 24	0	708
3	C 18	658	714
4	S 18	714	736
5	S 18	756	764
6	S 18	784	796
7	S 18	800	818
8	S 18	838	928
9	S 18	940	953
10	S 18	957	1006
11	S 18	1010	1030
12	S 18	1034	1050
13			
14			
15			
16			

Lift Data Pump Mfr. ____ Type Turbine T Setting ____

Motor Mfr. ____ Power Electric E Horsepower ____

Yield Flow ____ GPM Pump ____ GPM Meas.,Rept.,Est. ____ Date ____

Performance Test Date 12/95 Length of Test 48 hr Production 1815 GPM

Static Level 405 ft. Pumping Level ____ ft. Drawdown 93 ft. Sp.Cap. 19.5 GPM/ft.

Water Use Primary Public Supply P Secondary ____ Tertiary ____

Quality (Remarks) ____

Other Data Available Water Level C Water Quality N Logs D I E J C Other Data A

Water Levels

	Date	Meas.	
	12 22 1995	405	driller
	01 09 1998	356.83	USGS-tape
	05 05 1999	435	USGS-airline (02)

Recorded By PLN Date Record Collected or Updated 07 09 1999 (20 max) Reporting Agency 02

Remarks Acres Homes #2B. Drilled to 1160 ft

Aquifer Gulf Coast

Well No. 65-13-225

97-0402-/7-97
Recurrent

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** City Of Houston-Acres Home 2B (Name) **ADDRESS** 7004 Ardmore (Street or RFD) Houston, Texas (City) 77054 (State) (Zip)

2) **ADDRESS OF WELL:** County Harris 1810 Dolly Wright (Street or RFD) Houston, Texas (City) (State) (Zip) **GRID #** 65-04-9

3) **TYPE OF WORK (Check):** [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) **PROPOSED USE (Check):** [ ] Monitor [ ] Environmental Soil Boring [ ] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [X] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [X] Yes [ ] No

5)

6) **WELL LOG:**
Date Drilling:
Started 10-2 19 95
Completed 12-22- 19 95

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
35	Surface	80
29	0	708
36	708	1075

7) **DRILLING METHOD (Check):** [ ] Driven [ ] Air Rotary [X] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

N

From (ft.)	To (ft.)	Description and color of formation material
		See Attached COpy

(Use reverse side if necessary)

8) **Borehole Completion (Check):** [ ] Open Hole [ ] Straight Wall [X] Underreamed [X] Gravel Packed [ ] Other
If Gravel Packed give interval ... from 660 ft. to 1075 ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
30	N	Steel	0	80	.375
24	N	Steel	0	708	.500
18	N	Steel With Stain-less Screen	658	1075	.375 .035

JAN 2 1996

9) **CEMENTING DATA** [Rule 338.44(1)] Halliburton
Cemented from 0 ft. to 80 ft. No. of sacks used 75
0 ft. to 708 ft. No. of sacks used 904
Method used Solid Hydraulics
Cemented by Dowell Schlumberger
Distance to septic system field lines 150 ft.
Method of verification of above distance City Of Houston

10) **SURFACE COMPLETION**
[X] Specified Surface Slab Installed [Rule 338.44(2)(A)]
[ ] Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
[ ] Pitless Adapter Used [Rule 338.44(3)(b)]
[ ] Approved Alternative Procedure Used [Rule 338.71]

11) **WATER LEVEL:**
Static level 405 ft. below land surface Date 12-22-95
Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type Depth
N/A

13) **TYPE PUMP:**
[X] Turbine [ ] Jet [ ] Submersible [ ] Cylinder
[ ] Other
Depth to pump bowls, cylinder, jet, etc., 660 ft.

14) **WELL TESTS:**
Type test: [X] Pump [ ] Bailer [ ] Jetted [ ] Estimated
Yield: 1815 gpm with 93 ft. drawdown after 48 hrs.

15) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? [X] Yes [ ] No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Alsay Incorporated (Type or print) **WELL DRILLER'S LICENSE NO.** 2048 WPKT

ADDRESS 6615 Gant (Street or RFD) Houston, Texas (City) 77066 (State) (Zip)

(Signed) Neil Rollie (Licensed Well Driller)
Neil Rollie

(Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 09-01-93)

TNRCC COPY

65-04-9
65-13-225

ALSAY
INCORPORATED
GROUNDWATER EXPLORATION & DEVELOPMENT

REPLY TO: 8615 GANT STREET
HOUSTON, TEXAS 77066
PHONE: (713) 444-6960
FAX #: (713) 444-7081

ACRES HOMES WATER WELL No. 2-B

Proposed Material Settings 10/17/95

	24 " 0.500 wall Casing	18 " 0.375 wall Blank	18 " 0.375 wall Screen
0 – 708	708 ft.		
658 – 714		56 ft.	
714 – 736			22 ft.
736 – 756		20	
756 – 764			8
764 – 784		20	
784 – 796			12
796 – 800		4	
800 – 818			18
818 – 838		20	
838 – 928			90
928 – 940		12	
940 – 953			13
953 – 957		4	
957 – 1006			49
1006 – 1010		4	
1010 – 1030			20
1030 – 1034		4	
1034 – 1050			16
1050 – 1075 T.D.		25	
	708 ft.	169 ft.	248 ft.

TOTAL MATERIALS:

24 inch Casing.....	708 feet
18 inch Blank Liner.....	169 feet
18 inch Screen.....	248 feet
Total Depth.....	1075 feet

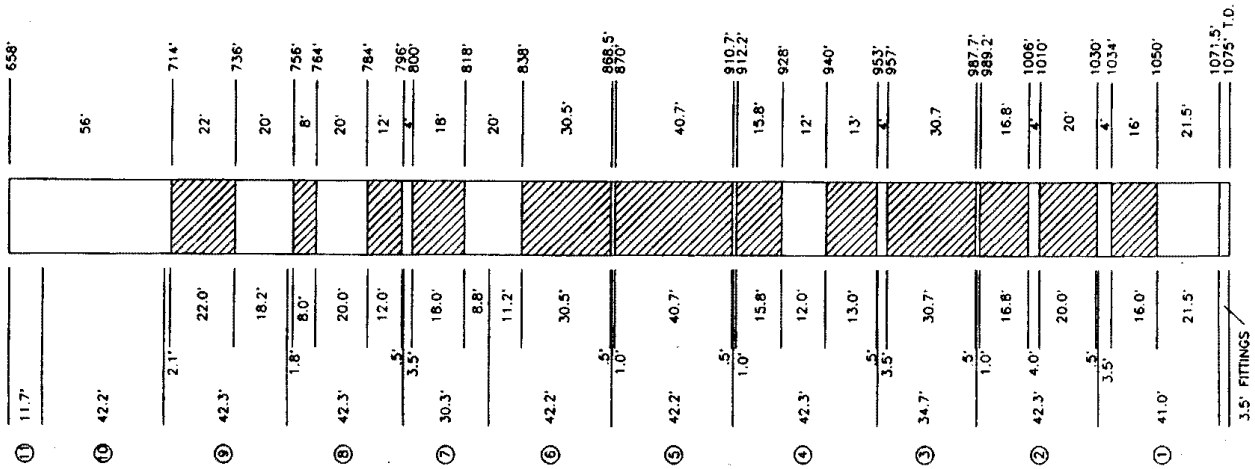
65 04 9

ALSAY
INCORPORATED
GROUNDWATER EXPLORATION & DEVELOPMENT

REPLY TO: 6615 GANT STREET
HOUSTON, TEXAS 77066
PHONE: (713) 444-6960
FAX #: (713) 444-7081

Acres Homes Water Well No. 2-B
Drillers Log 10/17/95

Depth (feet)	Description
0 – 6	Sub structure
6 – 9	Top Soil
9 – 15	Sand
15 – 125	Reddish brown clay
125 – 160	Sand
160 – 238	Clay (Reddish Brown)
238 – 284	Sand
284 – 294	Clay (Whitish Gray)
294 – 304	Sand
304 – 336	Clay (Whitish Brown)
336 – 364	Sand
364 – 372	Clay (Whitish Gray)
372 – 386	Sand
386 – 396	Clay (Whitish Gray)
396 – 412	Sand
412 – 480	Clay (Reddish Brown)
480 – 670	Sand (Small clay streaks)
670 – 694	Clay (Reddish Brown)
694 – 704	Sand
704 – 712	Clay (Whitish Gray)
712 – 740	Sand
740 – 784	Clay (Reddish Brown)
784 – 820	Sand
820 – 832	Clay (Whitish Gray)
832 – 930	Sand
930 – 940	Clay
940 – 1050	Sand
1050 – 1080	Clay (Reddish Brown)
1080 – 1120	Sand
1120 – 1160	Clay



NOTES: HATCHED AREA MARKS SCREENED AREA, JOINTS ARE RANDOM LENGTHS.
18" .035 GAUGE T-304 STAINLESS STEEL WESCO WELD MILL SLOTTED PIPE
BASE WATER WELL SCREEN MADE ON CUSTOMER'S .375" WALL BLACK CARBON
STEEL PIPE, P.E.B.

REV. NO.	CHG. NO.	CHANGE	DRAWN	APP.	DATE

COMPANY CONFIDENTIAL

THIS DRAWING AND PART IS THE PROPERTY OF WESTERN WELL SCREEN COMPANY AND IS PROVIDED TO ITS REPAIR OR REPLACEMENT. INFORMATION CONTAINED HEREIN AND PROPRIETARY TO THIS CORPORATION AND ITS SUBSIDIARIES AND THE SUBMITTER IS RESPONSIBLE. THEY ARE NOT TRANSFERABLE AND MAY BE USED ONLY FOR THE PURPOSE FOR WHICH THE PART IS SUPPLIED. WHEN THEY MAY NOT BE DISCLOSED, REPRODUCED OR EXCHANGED EXCEPT TO AND WITH EXPERIENCE TO THE BENEFIT OF WESTERN WELL SCREEN COMPANY. ALL PATENT RIGHTS ARE RESERVED UNDER THEY ARE SPECIFICALLY ASSIGNED IN WRITING.

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED

SURFACE FINISH INCHES ☐ [mm]☐
DIMENSIONS ARE IN INCHES ☐ [mm]☐
APPLICABLE SPECIFICATIONS

TOL.	mm	INCHES
X.	± ____	± ____
.X	± ____	± .030
.XX	± ____	± .015
.XXX	± ____	± .005
FRACTIONS		± 1/8
ANGLES		± 2°

CODE IDENT. NO. XXXXXXX	NAME	DATE
DRAWN BY	JLB	10-26-95
PROJ. ENGR.	MG	10-27-95
CHECKER / CODE	XXXXXX	XX-XX-XX
ENGR. MGR.	DJG	10-27-95
MANUFACTURING	XXXXXX	XX-XX-XX
V.P. ENGR.	XXXXXX	XX-XX-XX
QUALITY CONTROL	XXXXXX	XX-XX-XX
RELEASED	DJG	10-27-95

WESTERN WELL SCREEN COMPANY
14309 Sommermeyer
Houston, Texas 77041

TITLE ACRES HOMES #2-B
CLIENT ALSAY, INC
DWG NO W031057
PART NO. REF. NO.
PRODUCT NO. FILE NO. W031057 SCALE NONE SHEET 1 OF 1

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-13-218

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6513218
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.868333
Latitude (degrees minutes seconds)	29° 52' 06" N
Longitude (decimal degrees)	-95.434445
Longitude (degrees minutes seconds)	095° 26' 04" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	92
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	360
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1969
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Industrial
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Key Oil Co.
Driller	Lowry Water Wells
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	9/30/2002
Last Update Date	9/30/2002

Remarks	TWDB R178: Screen from 350 to 360 ft.

Casing - No Data

Well Tests - No Data

Lithology - No Data

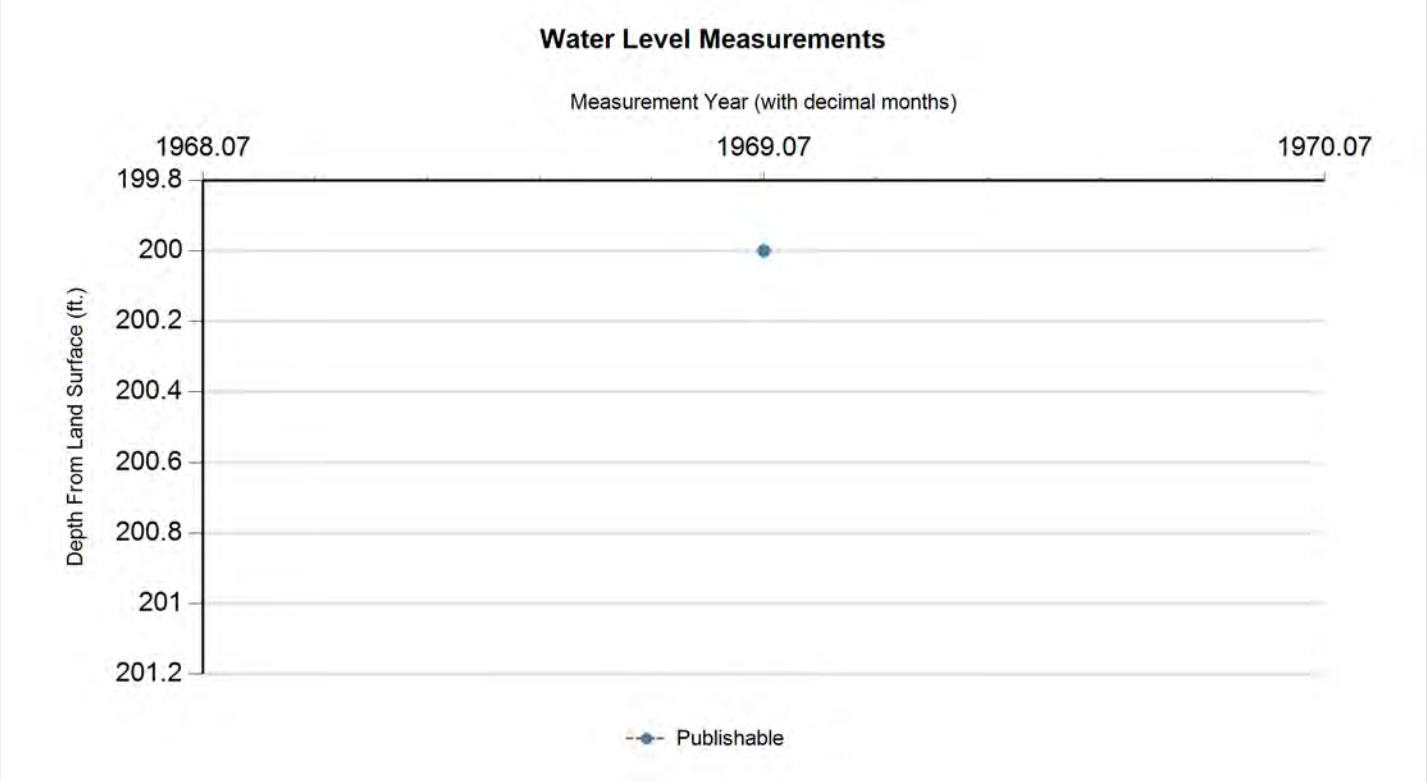
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	1/27/1969		200		-108	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

2901 Gessner

Please use black ink.
Send original copy by certified mail to the
Texas Water Commission
P.O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Tim - Am Pump & Well (Name) Address Woodwick (Street or RFD) Houston (City) Tx (State) (Zip)

2) LOCATION OF WELL: County Harris, 4 miles in W (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ See attached map. on 65-12-3

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started Aug 12 1987 Completed Aug 15 1987

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	280
4 3/4	280	302

From (ft.)	To (ft.)	Description and color of formation material
0	45	Clay
45	52	Sand - fine med
52	147	Clay
147	155	Sand fine
155	280	Clay & rock strata
280	302	Sand

(Use reverse side if necessary)

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other Two String
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	PVC	0	280	40
2½	N	Liner	280	287	40
2½	N	Sam Everyh.	287	302	80

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 10 ft. No. of Sacks Used 2
150 ft. to 280 ft. No. of Sacks Used 15
Method used Pressure
Cemented by CWW.

10) SURFACE COMPLETION
☑ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 180' ft. below land surface Date Aug 15 87
Artesian flow _____ gpm. Date _____

12) PACKERS:

Type	Depth
K	270'

RXR 4X7½

13) TYPE PUMP: (Did not set p/b)
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Potable Depth of strata 22
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Coastal Water Wells (Type or Print) Water Well Driller's License No. 812

ADDRESS P.O. Box 745 (Street or RFD) Porter (City) Tx (State) 77365 (Zip)

(Signed) H. P. Mehrle (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

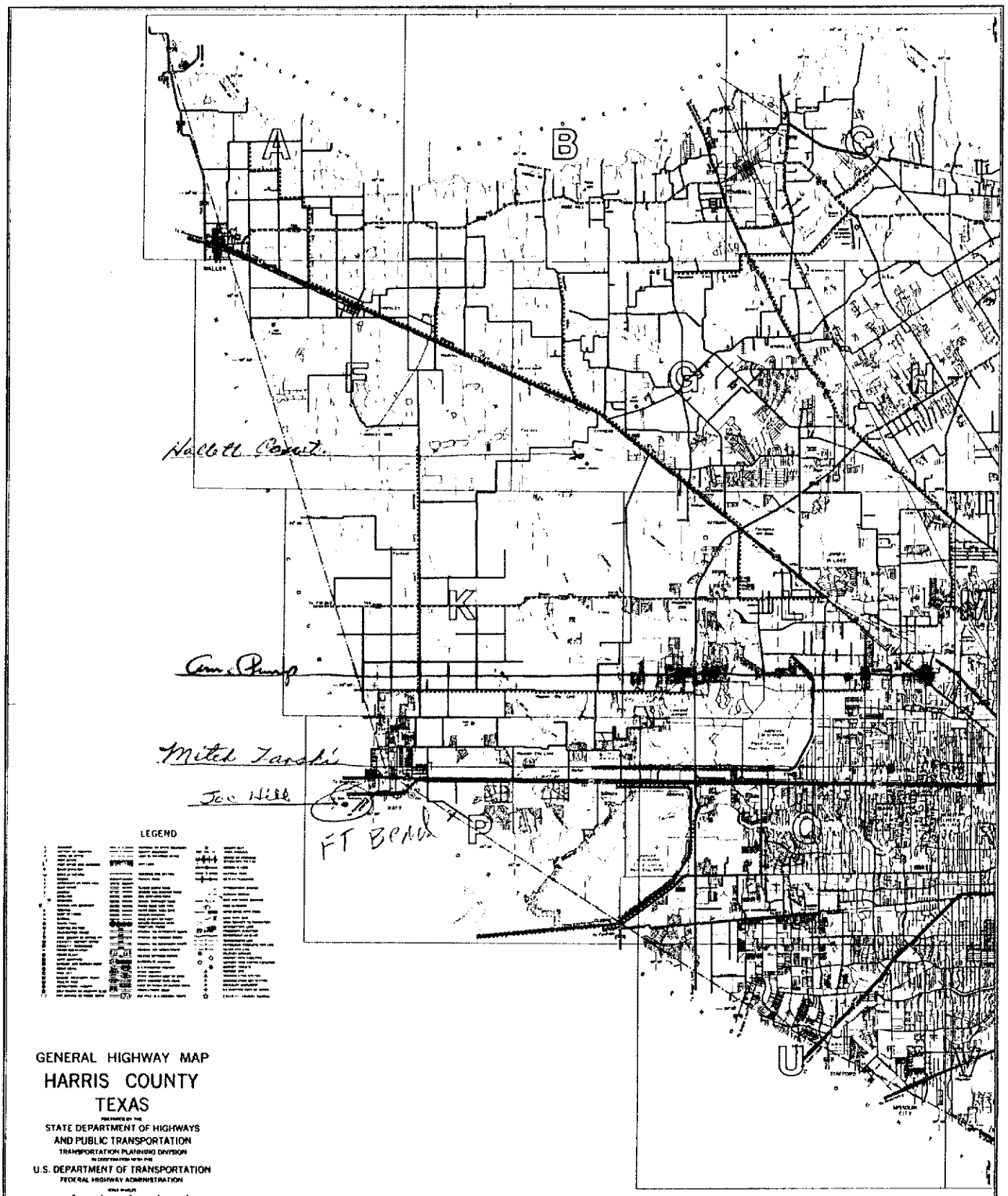
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 65-12-3
Located on map _____

WWD-012 (Rev 01-28-87)

TEXAS WATER COMMISSION COPY

4820109116



GENERAL HIGHWAY MAP

HARRIS COUNTY

TEXAS

PREPARED BY THE

STATE DEPARTMENT OF HIGHWAYS

AND PUBLIC TRANSPORTATION

TRANSPORTATION PLANNING DIVISION

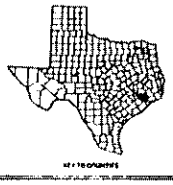
IN COOPERATION WITH THE

U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

1979

HIGHWAYS REVISED TO JANUARY 1, 1981



HARRIS COUNTY TEXAS 101

(23)

65-42-3Q 3Q DUP

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TDWR use only
Well No. 65-12-3Q
Located on map YES
Received: TH

1) OWNER Quality Metal Finishing (Name) Address 4407 Clarke Rd (Street or RFD) Hou. (City) Tx. (State) 77040 (Zip)

2) LOCATION OF WELL: Same
County Harris 1 L miles in N.W. (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ See attached map. MAP ON 65-13-7G

3) TYPE OF WORK (Check):
☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled Sept. 13, 79

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 1/2	Surface	348'

From (ft.)	To (ft.)	Description and color of formation material
0	120	Clay
120	128	SAND
128	160	~~SAND~~ CLAY
160	170	SAND
170	250	Clay
250	305	SAND
305	315	CLAY
315	320	SAND

(Use reverse side if necessary)

7) BOREHOLE COMPLETION:
☐ Open Hole ☑ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfr., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	P.V.C.	0	320	40
2	N		338	348	16

CEMENTING DATA
Cemented from ~~298~~ 270 ft. to ~~348~~ 320 ft.
Method used _____
Cemented by _____ (Company or Individual)

9) WATER LEVEL:
Static level 203 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP:
☐ Turbin ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 252 ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy Bussell (Type or Print) Water Well Drillers Registration No. 707
ADDRESS 9739 N. Houston Rosslyn (Street or RFD) Hou. (City) Texas (State) 77088 (Zip)
(Signed) Tommy C. Bussell (Water Well Driller) Bussell & Son, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TDWR-0392

4820109076

65-42-30 3Q

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

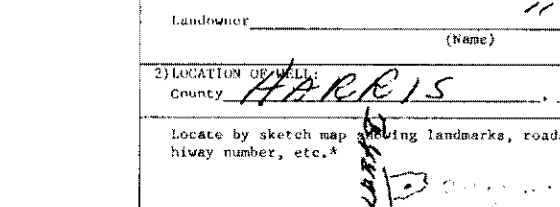
For TWDB use only
Well No. 65-42-30
Located on map
Received:

1) OWNER:
Person having well drilled EVELYN GLADE (Name) Address 3840 CLARK ST (Street or RFD) HOUSTON (City) TEXAS (State)

Landowner " (Name) " Address " (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS 12 miles in NW (N.E., S.W., etc.) direction from HOUSTON (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.* #7 or Give legal location with distances and directions from adjacent sections or survey lines.



(Use reverse side if necessary)

Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well ✓ Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): Rotary ✓ Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 3 7/8 in. Depth drilled 45 ft. Depth of completed well 34 ft. Date drilled 2-22-75

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOP SOIL
2	20	GRAY CLAY
20	35	RED CLAY
35	45	RED SAND

9) Casing:
Type: Old ~~New~~ Steel ~~Plastic~~ Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
2	0	34	SCH 40

10) SCREEN:
Type NONE
Perforated Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 15 ft. below land surface Date 2-22-75
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 26 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes ~~No~~ ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes ~~No~~ ✓
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME JOHN B. LUMPKIN, JR (Type or Print) Water Well Drillers Registration No. 1101

ADDRESS 11630 MUELLER CEMETERY ROAD (Street or RFD) CYPRESS (City) TEXAS (State)

(Signed) John B Lumpkin Jr (Water Well Driller) LONG POINT WATER WELL SERVICE (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-WD-8

4820109075

(91)

65-4-3DD

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No.
Located on map
Received:

1) OWNER:
Person having well drilled Quality Metal Finishing (Name) Address 4920 W. 34 (Street or RFD) Houston (City) Tx (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL: 4407 Clinkscales Rd
County Harris, 13 miles in N.W. (N.E., S.W., etc.) direction from Houston (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check): New Well ✓ Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): Rotary ✓ Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 1/2 in. Depth drilled 295 ft. Depth of completed well 315 ft. Date drilled 2/17/78
All measurements made from 4' ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0-	4	Top Soil
4-	295	Unconsolidated gravel & sand
295-	315	Sand.

(Use reverse side if necessary)

9) Casing:
Type: Old New ✓ Steel Plastic ✓ Other
Cemented from 245 ft. to 295 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	295	S.R. 40

10) SCREEN:
Type W/W
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2"	295	315	.014+016 gi

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 195 ft. below land surface Date 2/17/78
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 250' ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy C. Bursell (Type or Print) Water Well Drillers Registration No. 707

ADDRESS 9735 N. Houston-Rosslyn (Street or RFD) Houston (City) Texas (State)

(Signed) Tommy C. Bursell (Water Well Driller) Bursell & Son, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBF-WD-8

4820109098

Potable

Please use black ink.
Send original copy by certified mail to the
Texas Water Commission
P.O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Tim - Am. Pump & Utes (Name) Address Wheatwick (Street or RFD) Houston (City) Tx. (State) (Zip)

2) LOCATION OF WELL:
County Harris 4 miles in N (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☑ See attached map.

3) TYPE OF WORK (Check):
☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check):
☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling:
Started Sept 9 1987
Completed Sept 12 1987

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	320
4 3/4	320	340

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other Two String
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	45	Clay
45	51	Sand
51	260	Clay
260	280	Sand
280	320	Clay
320	340	Sand

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	To	Gage Casing Screen
4	N	PVC	0	320	40
2 1/2	N	Liner	320	325	40
2 1/2	N	Screen Everglo	325	340	80

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 10 ft. No. of Sacks Used 2
320 ft. to 340 ft. No. of Sacks Used 16
Method used Pressure
Cemented by Cwd.

10) SURFACE COMPLETION
☑ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 210 ft. below land surface Date Sept 12, 87
Artesian flow _____ gpm. Date _____

12) PACKERS:

Type	Depth
RXR 4X2 1/2	R	310

13) TYPE PUMP: (No pump)
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Potable Depth of strata 20
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Constal Water Wells (Type or Print) Water Well Driller's License No. 812

ADDRESS P.O Box 745 (Street or RFD) Porter (City) Texas (State) 77365 (Zip)

(Signed) H. L. Gebele (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

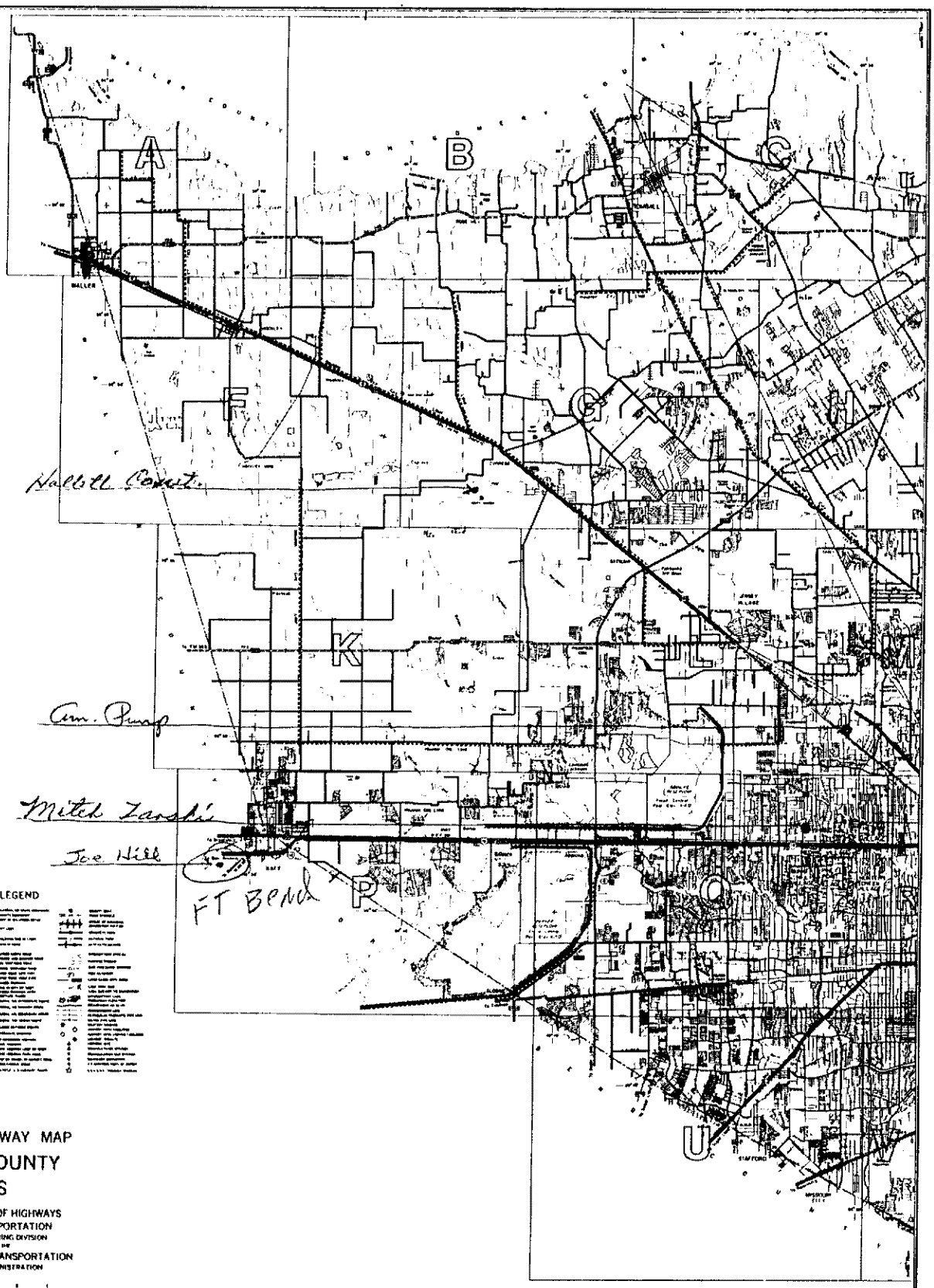
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 65-12-3
Located on map _____

WWD-012 (Rev 01-28-87)

TEXAS WATER COMMISSION COPY

4820109140



LEGEND

GENERAL HIGHWAY MAP

HARRIS COUNTY

TEXAS

PREPARED BY THE

STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION

TRANSPORTATION PLANNING DIVISION

IN COOPERATION WITH THE

U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

SCALE IN MILES

1979

1970 CENSUS FIGURES

HIGHWAYS REVISED TO JANUARY 2, 1980

HARRIS COUNTY TEXAS 121

(77)

65-13-1K DUP

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

For TDWR use only
Well No. 65-13-1K
Located on map YES
Received: TH

1) OWNER Quality Metal (Name) Address 4407 Clare Rd. (Street or RFD) Hou. (City) Tex. (State) 77040 (Zip)

2) LOCATION OF WELL: County Harris Same 12 miles in N.W. (N.E., S.W., etc.) direction from Houston (Town)

Driller **must** complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **Legal description:**
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ See attached map. Map on 65-13-7G

3) **TYPE OF WORK** (Check):
☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE** (Check):
☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) **DRILLING METHOD** (Check):
☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) **WELL LOG:**
Date drilled 11/23/79

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 1/2	Surface	348

From (ft.)	To (ft.)	Description and color of formation material
0	268	UNCONSOLIDATED
268	290	SAND
290	315	UNCONSOLIDATED
315	348	PRODUCTION SAND

(Use reverse side if necessary)

7) **BOREHOLE COMPLETION:**
☐ Open Hole ☑ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) **CASING, BLANK PIPE, AND WELL SCREEN DATA:**

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	P.V.C	0	320	40
2	N	P.V.C	338	348	16

CEMENTING DATA
Cemented from 270 ft. to 320 ft.
Method used _____
Cemented by _____ (Company or Individual)

9) **WATER LEVEL:**
Static level 203' ft. below land surface Date 11/23/79
Artesian flow _____ gpm. Date _____

10) **PACKERS:** Type Depth

11) **TYPE PUMP:**
☐ Turbin ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 253 ft.

12) **WELL TESTS:**
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) **WATER QUALITY:**
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy C. Bussell (Type or Print) Water Well Drillers Registration No. 407

ADDRESS 9739 N. Hou. Rosslyn (Street or RFD) Hou. (City) Tex (State) 77088 (Zip)

(Signed) Tommy C. Bussell (Water Well Driller) Bussell & Son, Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TDWR-0392

#4

Please use black ink
Send original copy by certified mail to the
Texas Water Commission
P.O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Archie Hayward (Name) Address 737 Millville (Street or RFD) Houston, (City) Texas (State) 77091 (Zip)

2) LOCATION OF WELL:
County Harris 8 miles in N (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling:
Started 10/3 1988
Completed 10/4 1988

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
	Surface	
6 3/4	0	492

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☒ Other 2 String Cemented
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0-25		Clay
25 - 55		Sand
55 - 67		Clay
67 - 144		Sand
144 - 170		Clay
170 - 250		Sand
250 - 290		Clay
290 - 350		Sand
350 - 430		Clay
430 - 492		Sand

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4"	N	PVC Casing	0	480	
2½	N	Blank Liner	467	482	
2½	N	Slotted Screen	482	492	

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 480 ft. to 240 ft. No. of Sacks Used 14
15 ft. to 0 ft. No. of Sacks Used _____
Method used Halliburton
Cemented by Robinson Water Well

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☒ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 250 ft. below land surface Date 10/4/1988
Artesian flow _____ gpm. Date _____

12) PACKERS:

Type	Depth
K-Packer	467

13) TYPE PUMP: 1½ hp
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 340 ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☐ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

RECEIVED
MAR 03 1989
TEXAS WATER COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME ROBINSON WATER WELL (Type or Print) Water Well Driller's License No. 0812

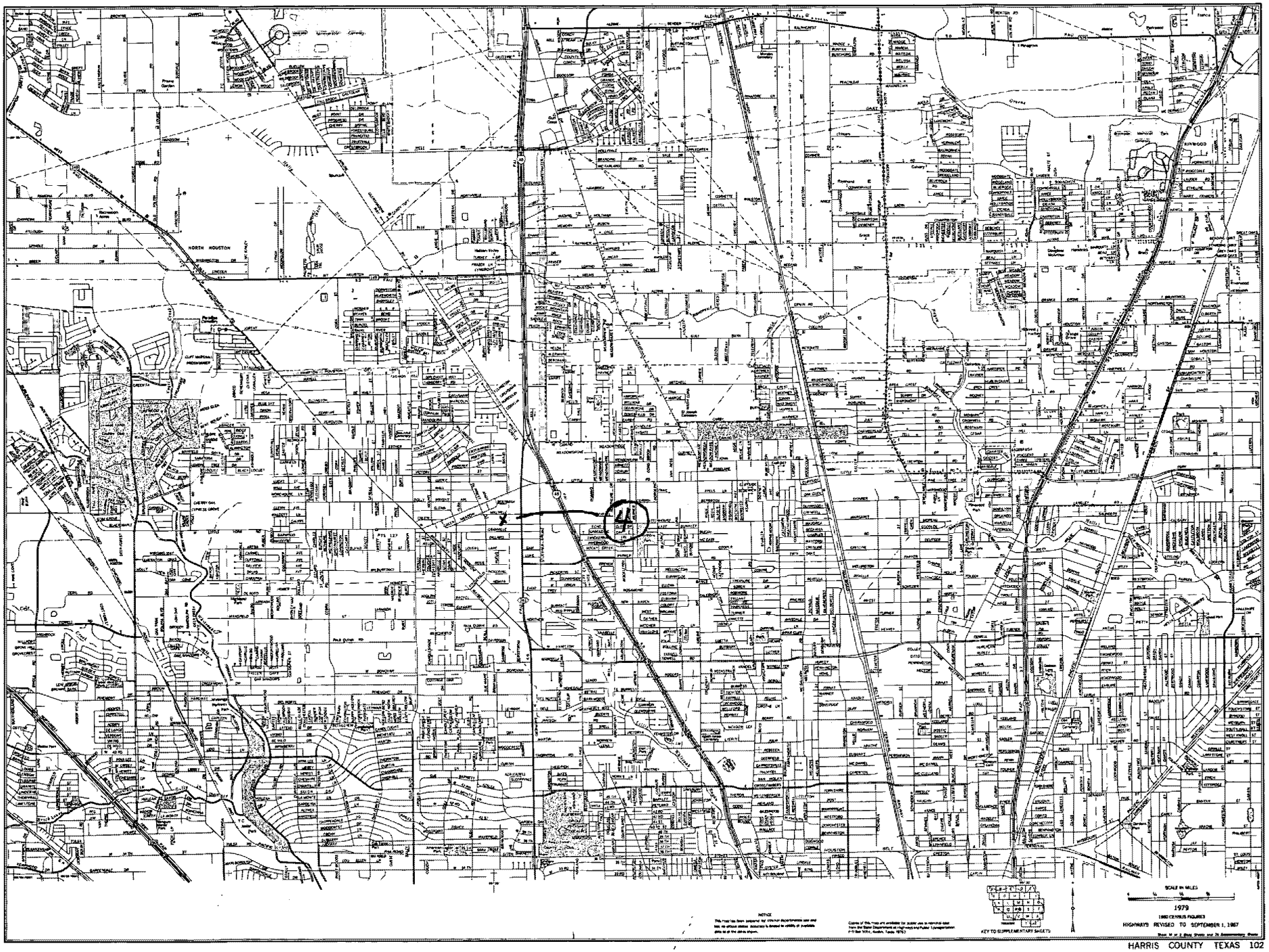
ADDRESS 11607 FM 149 (Street or RFD) Houston (City) Texas (State) 77086 (Zip)

(Signed) Jim Robinson / [illegible] (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 65/32
Located on map _____

WWD-012 (Rev.01-28-87) TEXAS WATER COMMISSION COPY


NORTH HOUSTON
SCALE IN MILES
1979
1980 CENSUS FIGURES
HIGHWAYS REVISED TO SEPTEMBER 1, 1987
KEY TO SUPPLEMENTARY SHEETS

Send original copy by certified return receipt requested mail to: TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER Albert Chen (Name) ADDRESS 11318 Smithdale Rd. Houston, Tx. (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL: County Harris 11318 SmithDale Rd. Houston, Tx. (Street, RFD or other) (City) (State) (Zip) GRID # 65-12-7

3) TYPE OF WORK (Check): ☐ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☒ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N

6) WELL LOG:
Date Drilling: Started 07-11 19 97 Completed 07-14 19 97

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6-3/4	Surface	432

7) DRILLING METHOD (Check): ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
	0-20	Clay
	20-60	Sand
	60-160	Clay
	160-260	Sand, Shale
	260-320	Clay
	320-380	Clay, Rock
	380-410	Shale
	410-432	Sand

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☒ Other 2-String
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4"	N	PVC Casing	420	0	Sch40
2½	N	PVC Liner	416	400	Sch40
2½	N	PVC Screen	432	416	.012

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 420 ft. to 180 ft. No. of sacks used 12
0 ft. to 15 ft. No. of sacks used 14
Method used Halliburton
Cemented by Robinson Water Well
Distance to septic system field lines or other concentrated contamination 150 ft.
Method of verification of above distance Contractor

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 338.44(2)(A)]
☒ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL:
Static level 195 ft. below land surface Date 07-14-97
Artesian flow _____ gpm. Date _____

12) PACKERS: Type K Depth 400

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc.. _____ ft.

14) WELL TESTS:
Type test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Robinson Water Well Service, Inc (Type or print) WELL DRILLER'S LICENSE NO. 1464 WPTK

ADDRESS 11819 W. Montgomery Rd. Houston, Tx. 77086 (Street or RFD) (City) (State) (Zip)

(Signed) Rob Robinson B.L. (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 05-21-96) *White - TNRCC* *Yellow - DRILLER* *Pink - WELL OWNER*

4820123132

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 65-12-908

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	6512908
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.77
Latitude (degrees minutes seconds)	29° 46' 12" N
Longitude (decimal degrees)	-95.517222
Longitude (degrees minutes seconds)	095° 31' 02" W
Coordinate Source	+/- 5 Seconds
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	80
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	545
Well Depth Source	Driller's Log
Drilling Start Date	
Drilling End Date	5/20/1955
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Unused
Water Level Observation	None
Water Quality Available	No
Pump	None
Pump Depth (feet below land surface)	
Power Type	
Annular Seal Method	
Surface Completion	
Owner	Memorial Village
Driller	H Jackson
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	U.S. Geological Survey
Created Date	11/2/1998
Last Update Date	1/6/1999

Remarks	

Casing - No Data

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements

No Data Available

Water Quality Analysis - No Data Available

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

61

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) **OWNER** Thomas Perze (Name) **ADDRESS** #unknow Bauman (Street or RFD) Houston (City) Texas (State) (Zip)

2) **LOCATION OF WELL:** County Harris, 12 miles in NW (NE, SW, etc.) direction from Houston (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **LEGAL DESCRIPTION:**

Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____

Distance and direction from two intersecting section or survey lines _____

☐ **SEE ATTACHED MAP** No Map

3) **TYPE OF WORK (Check):** ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) **PROPOSED USE (Check):** ☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) **DRILLING METHOD (Check):** ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) **WELL LOG:**

Date Drilling: Started 7-18-91 19__ Completed 7-19-91 19__

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
	Surface	
6 3/4	0	450

7) **BOREHOLE COMPLETION:** ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☒ Other 2 String Cemented

If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	60	Clay
60	120	Sand
120	200	Clay
200	300	Sand
300	360	Clay
360	450	Sand

(Use reverse side if necessary)

8) **CASING, BLANK PIPE, AND WELL SCREEN DATA:**

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4"	N	Casing PVC	0	427	
2½"	N	Liner PVC	425	435	
2½"	N	Screen PVC	435	450	

9) **CEMENTING DATA** [Rule 287.44(1)]

Cemented from 270 ft. to 427 ft. No. of Sacks Used 10

0 ft. to 15 ft. No. of Sacks Used 3

Method used Halliburton

Cemented by Robinson Water Well

RECEIVED APR 03 1992 TEXAS WATER COMMISSION

13) **TYPE PUMP:** ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____

Depth to pump bowls, cylinder, jet, etc., 220 ft.

10) **SURFACE COMPLETION**

☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]

☐ Pitless Adapter Used [Rule 287.44(3)(B)]

☒ Approved Alternative Procedure Used [Rule 287.71]

14) **WELL TESTS:** Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated

Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

11) **WATER LEVEL:** Static level 170 ft. below land surface Date 7-19-91

Artesian flow _____ gpm. Date _____

15) **WATER QUALITY:** Did the drilling penetrate any strata which contained undesirable constituents?

☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"

Type of water? _____ Depth of strata _____

Was a chemical analysis made? ☐ Yes ☒ No

12) **PACKERS:** Type K--=Packer Depth 425

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Robinson Water Well Service, Inc. (Type or print) **WELL DRILLER'S LICENSE NO.** 2212

ADDRESS 11607 FM 149 (Street or RFD) Houston (City) Texas (State) 77086 (Zip)

(Signed) Jimi Robinson / M (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

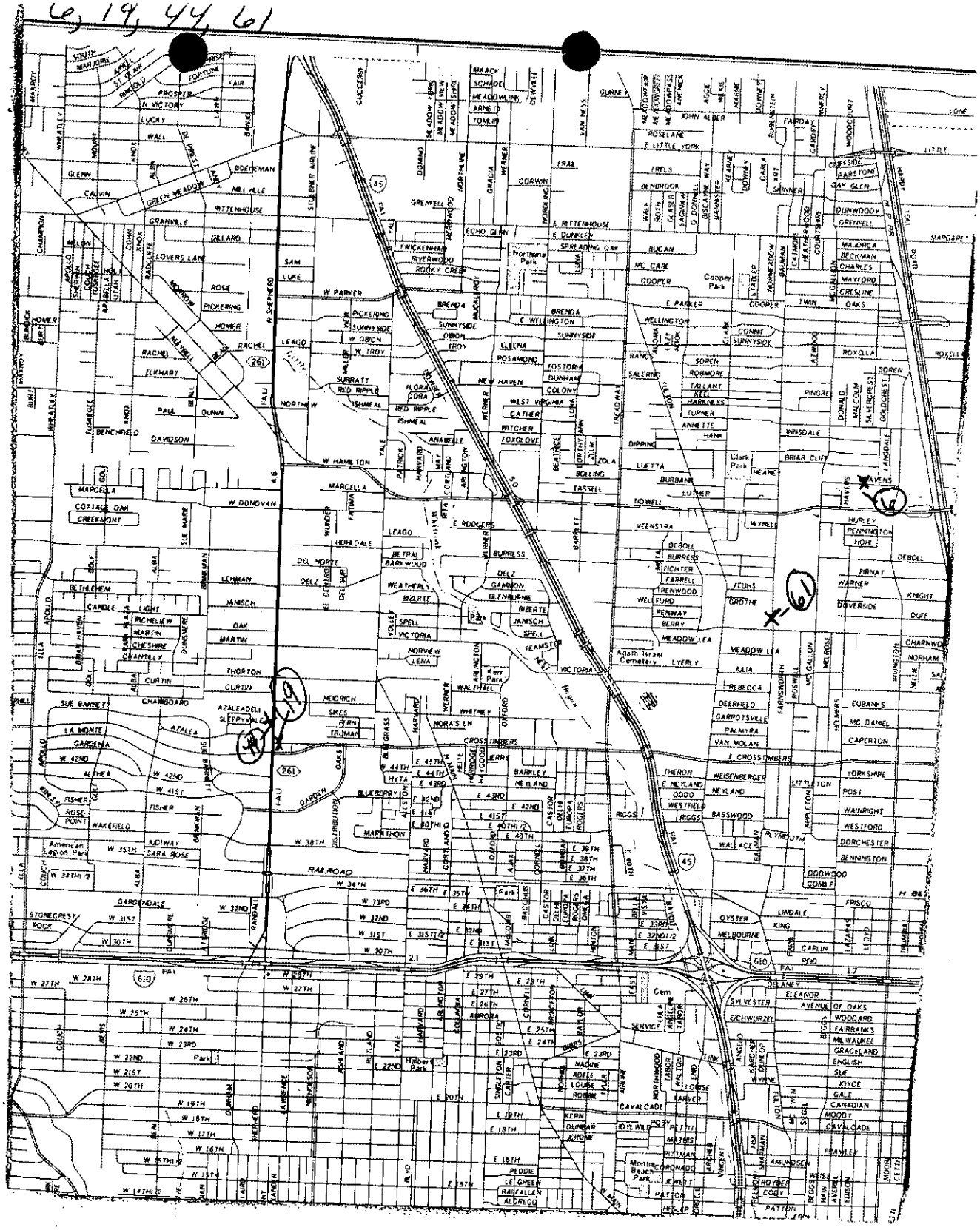
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 61 Located on map 65-14-1

WWD-012 (Rev. 09/21/88)

TEXAS WATER COMMISSION COPY

6, 19, 44, 61


W 44TH
W 43RD
W 42ND
W 41ST
W 38TH
W 35TH
W 34TH 1/2
W 32ND
W 31ST
W 30TH
W 28TH
W 27TH
W 26TH
W 25TH
W 24TH
W 23RD
W 22ND
W 21ST
W 20TH
W 19TH
W 18TH
W 17TH
W 16TH
W 15TH 1/2
W 15TH
W 14TH 1/2
E 44TH
E 43RD
E 42ND
E 41ST
E 40TH
E 39TH
E 38TH
E 37TH
E 36TH
E 35TH
E 34TH
E 33RD
E 32ND 1/2
E 31ST
E 29TH
E 28TH
E 27TH
E 26TH
E 25TH
E 24TH
E 23RD
E 22ND
E 20TH
E 19TH
E 18TH
E 16TH
E 15TH
RAILROAD
W HAMILTON
W DONOVAN
W PARKER
E PARKER
E WELLINGTON
E RODGERS
E CROSSTIMBERS
E NEYLAND
E 61ST
E 63RD
E 65TH
E 67TH
E 69TH
E 71ST
E 73RD
E 75TH
E 77TH
E 79TH
E 81ST
E 83RD
E 85TH
E 87TH
E 89TH
E 91ST
E 93RD
E 95TH
E 97TH
E 99TH
E 101ST
E 103RD
E 105TH
E 107TH
E 109TH
E 111TH
E 113TH
E 115TH
E 117TH
E 119TH
E 121ST
E 123RD
E 125TH
E 127TH
E 129TH
E 131ST
E 133RD
E 135TH
E 137TH
E 139TH
E 141ST
E 143RD
E 145TH
E 147TH
E 149TH
E 151ST
E 153RD
E 155TH
E 157TH
E 159TH
E 161ST
E 163RD
E 165TH
E 167TH
E 169TH
E 171ST
E 173RD
E 175TH
E 177TH
E 179TH
E 181ST
E 183RD
E 185TH
E 187TH
E 189TH
E 191ST
E 193RD
E 195TH
E 197TH
E 199TH
E 201ST
E 203RD
E 205TH
E 207TH
E 209TH
E 211TH
E 213TH
E 215TH
E 217TH
E 219TH
E 221ST
E 223RD
E 225TH
E 227TH
E 229TH
E 231ST
E 233RD
E 235TH
E 237TH
E 239TH
E 241ST
E 243RD
E 245TH
E 247TH
E 249TH
E 251ST
E 253RD
E 255TH
E 257TH
E 259TH
E 261ST
E 263RD
E 265TH
E 267TH
E 269TH
E 271ST
E 273RD
E 275TH
E 277TH
E 279TH
E 281ST
E 283RD
E 285TH
E 287TH
E 289TH
E 291ST
E 293RD
E 295TH
E 297TH
E 299TH
E 301ST
E 303RD
E 305TH
E 307TH
E 309TH
E 311TH
E 313TH
E 315TH
E 317TH
E 319TH
E 321ST
E 323RD
E 325TH
E 327TH
E 329TH
E 331ST
E 333RD
E 335TH
E 337TH
E 339TH
E 341ST
E 343RD
E 345TH
E 347TH
E 349TH
E 351ST
E 353RD
E 355TH
E 357TH
E 359TH
E 361ST
E 363RD
E 365TH
E 367TH
E 369TH
E 371ST
E 373RD
E 375TH
E 377TH
E 379TH
E 381ST
E 383RD
E 385TH
E 387TH
E 389TH
E 391ST
E 393RD
E 395TH
E 397TH
E 399TH
E 401ST
E 403RD
E 405TH
E 407TH
E 409TH
E 411TH
E 413TH
E 415TH
E 417TH
E 419TH
E 421ST
E 423RD
E 425TH
E 427TH
E 429TH
E 431ST
E 433RD
E 435TH
E 437TH
E 439TH
E 441ST
E 443RD
E 445TH
E 447TH
E 449TH
E 451ST
E 453RD
E 455TH
E 457TH
E 459TH
E 461ST
E 463RD
E 465TH
E 467TH
E 469TH
E 471ST
E 473RD
E 475TH
E 477TH
E 479TH
E 481ST
E 483RD
E 485TH
E 487TH
E 489TH
E 491ST
E 493RD
E 495TH
E 497TH
E 499TH
E 501ST
E 503RD
E 505TH
E 507TH
E 509TH
E 511TH
E 513TH
E 515TH
E 517TH
E 519TH
E 521ST
E 523RD
E 525TH
E 527TH
E 529TH
E 531ST
E 533RD
E 535TH
E 537TH
E 539TH
E 541ST
E 543RD
E 545TH
E 547TH
E 549TH
E 551ST
E 553RD
E 555TH
E 557TH
E 559TH
E 561ST
E 563RD
E 565TH
E 567TH
E 569TH
E 571ST
E 573RD
E 575TH
E 577TH
E 579TH
E 581ST
E 583RD
E 585TH
E 587TH
E 589TH
E 591ST
E 593RD
E 595TH
E 597TH
E 599TH
E 601ST
E 603RD
E 605TH
E 607TH
E 609TH
E 611TH
E 613TH
E 615TH
E 617TH
E 619TH
E 621ST
E 623RD
E 625TH
E 627TH
E 629TH
E 631ST
E 633RD
E 635TH
E 637TH
E 639TH
E 641ST
E 643RD
E 645TH
E 647TH
E 649TH
E 651ST
E 653RD
E 655TH
E 657TH
E 659TH
E 661ST
E 663RD
E 665TH
E 667TH
E 669TH
E 671ST
E 673RD
E 675TH
E 677TH
E 679TH
E 681ST
E 683RD
E 685TH
E 687TH
E 689TH
E 691ST
E 693RD
E 695TH
E 697TH
E 699TH
E 701ST
E 703RD
E 705TH
E 707TH
E 709TH
E 711TH
E 713TH
E 715TH
E 717TH
E 719TH
E 721ST
E 723RD
E 725TH
E 727TH
E 729TH
E 731ST
E 733RD
E 735TH
E 737TH
E 739TH
E 741ST
E 743RD
E 745TH
E 747TH
E 749TH
E 751ST
E 753RD
E 755TH
E 757TH
E 759TH
E 761ST
E 763RD
E 765TH
E 767TH
E 769TH
E 771ST
E 773RD
E 775TH
E 777TH
E 779TH
E 781ST
E 783RD
E 785TH
E 787TH
E 789TH
E 791ST
E 793RD
E 795TH
E 797TH
E 799TH
E 801ST
E 803RD
E 805TH
E 807TH
E 809TH
E 811TH
E 813TH
E 815TH
E 817TH
E 819TH
E 821ST
E 823RD
E 825TH
E 827TH
E 829TH
E 831ST
E 833RD
E 835TH
E 837TH
E 839TH
E 841ST
E 843RD
E 845TH
E 847TH
E 849TH
E 851ST
E 853RD
E 855TH
E 857TH
E 859TH
E 861ST
E 863RD
E 865TH
E 867TH
E 869TH
E 871ST
E 873RD
E 875TH
E 877TH
E 879TH
E 881ST
E 883RD
E 885TH
E 887TH
E 889TH
E 891ST
E 893RD
E 895TH
E 897TH
E 899TH
E 901ST
E 903RD
E 905TH
E 907TH
E 909TH
E 911TH
E 913TH
E 915TH
E 917TH
E 919TH
E 921ST
E 923RD
E 925TH
E 927TH
E 929TH
E 931ST
E 933RD
E 935TH
E 937TH
E 939TH
E 941ST
E 943RD
E 945TH
E 947TH
E 949TH
E 951ST
E 953RD
E 955TH
E 957TH
E 959TH
E 961ST
E 963RD
E 965TH
E 967TH
E 969TH
E 971ST
E 973RD
E 975TH
E 977TH
E 979TH
E 981ST
E 983RD
E 985TH
E 987TH
E 989TH
E 991ST
E 993RD
E 995TH
E 997TH
E 999TH
E 1001ST
E 1003RD
E 1005TH
E 1007TH
E 1009TH
E 1011TH
E 1013TH
E 1015TH
E 1017TH
E 1019TH
E 1021ST
E 1023RD
E 1025TH
E 1027TH
E 1029TH
E 1031ST
E 1033RD
E 1035TH
E 1037TH
E 1039TH
E 1041ST
E 1043RD
E 1045TH
E 1047TH
E 1049TH
E 1051ST
E 1053RD
E 1055TH
E 1057TH
E 1059TH
E 1061ST
E 1063RD
E 1065TH
E 1067TH
E 1069TH
E 1071ST
E 1073RD
E 1075TH
E 1077TH
E 1079TH
E 1081ST
E 1083RD
E 1085TH
E 1087TH
E 1089TH
E 1091ST
E 1093RD
E 1095TH
E 1097TH
E 1099TH
E 1101ST
E 1103RD
E 1105TH
E 1107TH
E 1109TH
E 1111TH
E 1113TH
E 1115TH
E 1117TH
E 1119TH
E 1121ST
E 1123RD
E 1125TH
E 1127TH
E 1129TH
E 1131ST
E 1133RD
E 1135TH
E 1137TH
E 1139TH
E 1141ST
E 1143RD
E 1145TH
E 1147TH
E 1149TH
E 1151ST
E 1153RD
E 1155TH
E 1157TH
E 1159TH
E 1161ST
E 1163RD
E 1165TH
E 1167TH
E 1169TH
E 1171ST
E 1173RD
E 1175TH
E 1177TH
E 1179TH
E 1181ST
E 1183RD
E 1185TH
E 1187TH
E 1189TH
E 1191ST
E 1193RD
E 1195TH
E 1197TH
E 1199TH
E 1201ST
E 1203RD
E 1205TH
E 1207TH
E 1209TH
E 1211TH
E 1213TH
E 1215TH
E 1217TH
E 1219TH
E 1221ST
E 1223RD
E 1225TH
E 1227TH
E 1229TH
E 1231ST
E 1233RD
E 1235TH
E 1237TH
E 1239TH
E 1241ST
E 1243RD
E 1245TH
E 1247TH
E 1249TH
E 1251ST
E 1253RD
E 1255TH
E 1257TH
E 1259TH
E 1261ST
E 1263RD
E 1265TH
E 1267TH
E 1269TH
E 1271ST
E 1273RD
E 1275TH
E 1277TH
E 1279TH
E 1281ST
E 1283RD
E 1285TH
E 1287TH
E 1289TH
E 1291ST
E 1293RD
E 1295TH
E 1297TH
E 1299TH
E 1301ST
E 1303RD
E 1305TH
E 1307TH
E 1309TH
E 1311TH
E 1313TH
E 1315TH
E 1317TH
E 1319TH
E 1321ST
E 1323RD
E 1325TH
E 1327TH
E 1329TH
E 1331ST
E 1333RD
E 1335TH
E 1337TH
E 1339TH
E 1341ST
E 1343RD
E 1345TH
E 1347TH
E 1349TH
E 1351ST
E 1353RD
E 1355TH
E 1357TH
E 1359TH
E 1361ST
E 1363RD
E 1365TH
E 1367TH
E 1369TH
E 1371ST
E 1373RD
E 1375TH
E 1377TH
E 1379TH
E 1381ST
E 1383RD
E 1385TH
E 1387TH
E 1389TH
E 1391ST
E 1393RD
E 1395TH
E 1397TH
E 1399TH
E 1401ST
E 1403RD
E 1405TH
E 1407TH
E 1409TH
E 1411TH
E 1413TH
E 1415TH
E 1417TH
E 1419TH
E 1421ST
E 1423RD
E 1425TH
E 1427TH
E 1429TH
E 1431ST
E 1433RD
E 1435TH
E 1437TH
E 1439TH
E 1441ST
E 1443RD
E 1445TH
E 1447TH
E 1449TH
E 1451ST
E 1453RD
E 1455TH
E 1457TH
E 1459TH
E 1461ST
E 1463RD
E 1465TH
E 1467TH
E 1469TH
E 1471ST
E 1473RD
E 1475TH
E 1477TH
E 1479TH
E 1481ST
E 1483RD
E 1485TH
E 1487TH
E 1489TH
E 1491ST
E 1493RD
E 1495TH
E 1497TH
E 1499TH
E 1501ST
E 1503RD
E 1505TH
E 1507TH
E 1509TH
E 1511TH
E 1513TH
E 1515TH
E 1517TH
E 1519TH
E 1521ST
E 1523RD
E 1525TH
E 1527TH
E 1529TH
E 1531ST
E 1533RD
E 1535TH
E 1537TH
E 1539TH
E 1541ST
E 1543RD
E 1545TH
E 1547TH
E 1549TH
E 1551ST
E 1553RD
E 1555TH
E 1557TH
E 1559TH
E 1561ST
E 1563RD
E 1565TH
E 1567TH
E 1569TH
E 1571ST
E 1573RD
E 1575TH
E 1577TH
E 1579TH
E 1581ST
E 1583RD
E 1585TH
E 1587TH
E 1589TH
E 1591ST
E 1593RD
E 1595TH
E 1597TH
E 1599TH
E 1601ST
E 1603RD
E 1605TH
E 1607TH
E 1609TH
E 1611TH
E 1613TH
E 1615TH
E 1617TH
E 1619TH
E 1621ST
E 1623RD
E 1625TH
E 1627TH
E 1629TH
E 1631ST
E 1633RD
E 1635TH
E 1637TH
E 1639TH
E 1641ST
E 1643RD
E 1645TH
E 1647TH
E 1649TH
E 1651ST
E 1653RD
E 1655TH
E 1657TH
E 1659TH
E 1661ST
E 1663RD
E 1665TH
E 1667TH
E 1669TH
E 1671ST
E 1673RD
E 1675TH
E 1677TH
E 1679TH
E 1681ST
E 1683RD
E 1685TH
E 1687TH
E 1689TH
E 1691ST
E 1693RD
E 1695TH
E 1697TH
E 1699TH
E 1701ST
E 1703RD
E 1705TH
E 1707TH
E 1709TH
E 1711TH
E 1713TH
E 1715TH
E 1717TH
E 1719TH
E 1721ST
E 1723RD
E 1725TH
E 1727TH
E 1729TH
E 1731ST
E 1733RD
E 1735TH
E 1737TH
E 1739TH
E 1741ST
E 1743RD
E 1745TH
E 1747TH
E 1749TH
E 1751ST
E 1753RD
E 1755TH
E 1757TH
E 1759TH
E 1761ST
E 1763RD
E 1765TH
E 1767TH
E 1769TH
E 1771ST
E 1773RD
E 1775TH
E 1777TH
E 1779TH
E 1781ST
E 1783RD
E 1785TH
E 1787TH
E 1789TH
E 1791ST
E 1793RD
E 1795TH
E 1797TH
E 1799TH
E 1801ST
E 1803RD
E 1805TH
E 1807TH
E 1809TH
E 1811TH
E 1813TH
E 1815TH
E 1817TH
E 1819TH
E 1821ST
E 1823RD
E 1825TH
E 1827TH
E 1829TH
E 1831ST
E 1833RD
E 1835TH
E 1837TH
E 1839TH
E 1841ST
E 1843RD
E 1845TH
E 1847TH
E 1849TH
E 1851ST
E 1853RD
E 1855TH
E 1857TH
E 1859TH
E 1861ST
E 1863RD
E 1865TH
E 1867TH
E 1869TH
E 1871ST
E 1873RD
E 1875TH
E 1877TH
E 1879TH
E 1881ST
E 1883RD
E 1885TH
E 1887TH
E 1889TH
E 1891ST
E 1893RD
E 1895TH
E 1897TH
E 1899TH
E 1901ST
E 1903RD
E 1905TH
E 1907TH
E 1909TH
E 1911TH
E 1913TH
E 1915TH
E 1917TH
E 1919TH
E 1921ST
E 1923RD
E 1925TH
E 1927TH
E 1929TH
E 1931ST
E 1933RD
E 1935TH
E 1937TH
E 1939TH
E 1941ST
E 1943RD
E 1945TH
E 1947TH
E 1949TH
E 1951ST
E 1953RD
E 1955TH
E 1957TH
E 1959TH
E 1961ST
E 1963RD
E 1965TH
E 1967TH
E 1969TH
E 1971ST
E 1973RD
E 1975TH
E 1977TH
E 1979TH
E 1981ST
E 1983RD
E 1985TH
E 1987TH
E 1989TH
E 1991ST
E 1993RD
E 1995TH
E 1997TH
E 1999TH
E 2001ST
E 2003RD
E 2005TH
E 2007TH
E 2009TH
E 2011TH
E 2013TH
E 2015TH
E 2017TH
E 2019TH
E 2021ST
E 2023RD
E 2025TH
E 2027TH
E 2029TH
E 2031ST
E 2033RD
E 2035TH
E 2037TH
E 2039TH
E 2041ST
E 2043RD
E 2045TH
E 2047TH
E 2049TH
E 2051ST
E 2053RD
E 2055TH
E 2057TH
E 2059TH
E 2061ST
E 2063RD
E 2065TH
E 2067TH
E 2069TH
E 2071ST
E 2073RD
E 2075TH
E 2077TH
E 2079TH
E 2081ST
E 2083RD
E 2085TH
E 2087TH
E 2089TH
E 2091ST
E 2093RD
E 2095TH
E 2097TH
E 2099TH
E 2101ST
E 2103RD
E 2105TH
E 2107TH
E 2109TH
E 2111TH
E 2113TH
E 2115TH
E 2117TH
E 2119TH
E 2121ST
E 2123RD
E 2125TH
E 2127TH
E 2129TH
E 2131ST
E 2133RD
E 2135TH
E 2137TH
E 2139TH
E 2141ST
E 2143RD
E 2145TH
E 2147TH
E 2149TH
E 2151ST
E 2153RD
E 2155TH
E 2157TH
E 2159TH
E 2161ST
E 2163RD
E 2165TH
E 2167TH
E 2169TH
E 2171ST
E 2173RD
E 2175TH
E 2177TH
E 2179TH
E 2181ST
E 2183RD
E 2185TH
E 2187TH
E 2189TH
E 2191ST
E 2193RD
E 2195TH
E 2197TH
E 2199TH
E 2201ST
E 2203RD
E 2205TH
E 2207TH
E 2209TH
E 2211TH
E 2213TH
E 2215TH
E 2217TH
E 2219TH
E 2221ST
E 2223RD
E 2225TH
E 2227TH
E 2229TH
E 2231ST
E 2233RD
E 2235TH
E 2237TH
E 2239TH
E 2241ST
E 2243RD
E 2245TH
E 2247TH
E 2249TH
E 2251ST
E 2253RD
E 2255TH
E 2257TH
E 2259TH
E 2261ST
E 2263RD
E 2265TH
E 2267TH
E 2269TH
E 2271ST
E 2273RD
E 2275TH
E 2277TH
E 2279TH
E 2281ST
E 2283RD
E 2285TH
E 2287TH
E 2289TH
E 2291ST
E 2293RD
E 2295TH
E 2297TH
E 2299TH
E 2301ST
E 2303RD
E 2305TH
E 2307TH
E 2309TH
E 2311TH
E 2313TH
E 2315TH
E 2317TH
E 2319TH
E 2321ST
E 2323RD
E 2325TH
E 2327TH
E 2329TH
E 2331ST
E 2333RD
E 2335TH
E 2337TH
E 2339TH
E 2341ST
E 2343RD
E 2345TH
E 2347TH
E 2349TH
E 2351ST
E 2353RD
E 2355TH
E 2357TH
E 2359TH
E 2361ST
E 2363RD
E 2365TH
E 2367TH
E 2369TH
E 2371ST
E 2373RD
E 2375TH
E 2377TH
E 2379TH
E 2381ST
E 2383RD
E 2385TH
E 2387TH
E 2389TH
E 2391ST
E 2393RD
E 2395TH
E 2397TH
E 2399TH
E 2401ST
E 2403RD
E 2405TH
E 2407TH
E 2409TH
E 2411TH
E 2413TH
E 2415TH
E 2417TH
E 2419TH
E 2421ST
E 2423RD
E 2425TH
E 2427TH
E 2429TH
E 2431ST
E 2433RD
E 2435TH
E 2437TH
E 2439TH
E 2441ST
E 2443RD
E 2445TH
E 2447TH
E 2449TH
E 2451ST
E 2453RD
E 2455TH
E 2457TH
E 2459TH
E 2461ST
E 2463RD
E 2465TH
E 2467TH
E 2469TH
E 2471ST
E 2473RD
E 2475TH
E 2477TH
E 2479TH
E 2481ST
E 2483RD
E 2485TH
E 2487TH
E 2489TH
E 2491ST
E 2493RD
E 2495TH
E 2497TH
E 2499TH
E 2501ST
E 2503RD
E 2505TH
E 2507TH
E 2509TH
E 2511TH
E 2513TH
E 2515TH
E 2517TH
E 2519TH
E 2521ST
E 2523RD
E 2525TH
E 2527TH
E 2529TH
E 2531ST
E 2533RD
E 2535TH
E 2537TH
E 2539TH
E 2541ST
E 2543RD
E 2545TH
E 2547TH
E 2549TH
E 2551ST
E 2553RD
E 2555TH
E 2557TH
E 2559TH
E 2561ST
E 2563RD
E 2565TH
E 2567TH
E 2569TH
E 2571ST
E 2573RD
E 2575TH
E 2577TH
E 2579TH
E 2581ST
E 2583RD
E 2585TH
E 2587TH
E 2589TH
E 2591ST
E 2593RD
E 2595TH
E 2597TH
E 2599TH
E 2601ST
E 2603RD
E 2605TH
E 2607TH
E 2609TH
E 2611TH
E 2613TH
E 2615TH
E 2617TH
E 2619TH
E 2621ST
E 2623RD
E 2625TH
E 2627TH
E 2629TH
E 2631ST
E 2633RD
E 2635TH
E 2637TH
E 2639TH
E 2641ST
E 2643RD
E 2645TH
E 2647TH
E 2649TH
E 2651ST
E 2653RD
E 2655TH
E 2657TH
E 2659TH
E 2661ST
E 2663RD
E 2665TH
E 2667TH
E 2669TH
E 2671ST
E 2673RD
E 2675TH
E 2677TH
E 2679TH
E 2681ST
E 2683RD
E 2685TH
E 2687TH
E 2689TH
E 2691ST
E 2693RD
E 2695TH
E 2697TH
E 2699TH
E 2701ST
E 2703RD
E 2705TH
E 2707TH
E 2709TH
E 2711TH
E 2713TH
E 2715TH
E 2717TH
E 2719TH
E 2721ST
E 2723RD
E 2725TH
E 2727TH
E 2729TH
E 2731ST
E 2733RD
E 2735TH
E 2737TH
E 2739TH
E 2741ST
E 2743RD
E 2745TH
E 2747TH
E 2749TH
E 2751ST
E 2753RD
E 2755TH
E 2757TH
E 2759TH
E 2761ST
E 2763RD
E 2765TH
E 2767TH
E 2769TH
E 2771ST
E 2773RD
E 2775TH
E 2777TH
E 2779TH
E 2781ST
E 2783RD
E 2785TH
E 2787TH
E 2789TH
E 2791ST
E 2793RD
E 2795TH
E 2797TH
E 2799TH
E 2801ST
E 2803RD
E 2805TH
E 2807TH
E 2809TH
E 2811TH
E 2813TH
E 2815TH
E 2817TH
E 2819TH
E 2821ST
E 2823RD
E 2825TH
E 2827TH
E 2829TH
E 2831ST
E 2833RD
E 2835TH
E 2837TH
E 2839TH
E 2841ST
E 2843RD
E 2845TH
E 2847TH
E 2849TH
E 2851ST
E 2853RD
E 2855TH
E 2857TH
E 2859TH
E 2861ST
E 2863RD
E 2865TH
E 2867TH
E 2869TH
E 2871ST
E 2873RD
E 2875TH
E 2877TH
E 2879TH
E 2881ST
E 2883RD
E 2885TH
E 2887TH
E 2889TH
E 2891ST
E 2893RD
E 2895TH
E 2897TH
E 2899TH
E 2901ST
E 2903RD
E 2905TH
E 2907TH
E 2909TH
E 2911TH
E 2913TH
E 2915TH
E 2917TH
E 2919TH
E 2921ST
E 2923RD
E 2925TH
E 2927TH
E 2929TH
E 2931ST
E 2933RD
E 2935TH
E 2937TH
E 2939TH
E 2941ST
E 2943RD
E 2945TH
E 2947TH
E 2949TH
E 2951ST
E 2953RD
E 2955TH
E 2957TH
E 2959TH
E 2961ST
E 2963RD
E 2965TH
E 2967TH
E 2969TH
E 2971ST
E 2973RD
E 2975TH
E 2977TH
E 2979TH
E 2981ST
E 2983RD
E 2985TH
E 2987TH
E 2989TH
E 2991ST
E 2993RD
E 2995TH
E 2997TH
E 2999TH
E 3001ST
E 3003RD
E 3005TH
E 3007TH
E 3009TH
E 3011TH
E 3013TH
E 3015TH
E 3017TH
E 3019TH
E 3021ST
E 3023RD
E 3025TH
E 3027TH
E 3029TH
E 3031ST
E 3033RD
E 3035TH
E 3037TH
E 3039TH
E 3041ST
E 3043RD
E 3045TH
E 3047TH
E 3049TH
E 3051ST
E 3053RD
E 3055TH
E 3057TH
E 3059TH
E 3061ST
E 3063RD
E 3065TH
E 3067TH
E 3069TH
E 3071ST
E 3073RD
E 3075TH
E 3077TH
E 3079TH
E 3081ST
E 3083RD
E 3085TH
E 3087TH
E 3089TH
E 3091ST
E 3093RD
E 3095TH
E 3097TH
E 3099TH
E 3101ST
E 3103RD
E 3105TH
E 3107TH
E 3109TH
E 3111TH
E 3113TH
E 3115TH
E 3117TH
E 3119TH
E 3121ST
E 3123RD
E 3125TH
E 3127TH
E 3129TH
E 3131ST
E 3133RD
E 3135TH
E 3137TH
E 3139TH
E 3141ST
E 3143RD
E 3145TH
E 3147TH
E 3149TH
E 3151ST
E 3153RD
E 3155TH
E 3157TH
E 3159TH
E 3161ST
E 3163RD
E 3165TH
E 3167TH
E 3169TH
E 3171ST
E 3173RD
E 3175TH
E 3177TH
E 3179TH
E 3181ST
E 3183RD
E 3185TH
E 3187TH
E 3189TH
E 3191ST
E 3193RD
E 3195TH
E 3197TH
E 3199TH
E 3201ST
E 3203RD
E 3205TH
E 3207TH
E 3209TH
E 3211TH
E 3213TH
E 3215TH
E 3217TH
E 3219TH
E 3221ST
E 3223RD
E 3225TH
E 3227TH
E 3229TH
E 3231ST
E 3233RD
E 3235TH
E 3237TH
E 3239TH
E 3241ST
E 3243RD
E 3245TH
E 3247TH
E 3249TH
E 3251ST
E 3253RD
E 3255TH
E 3257TH
E 3259TH
E 3261ST
E 3263RD
E 3265TH
E 3267TH
E 3269TH
E 3271ST
E 3273RD
E 3275TH
E 3277TH
E 3279TH
E 3281ST
E 3283RD
E 3285TH
E 3287TH
E 3289TH
E 3291ST
E 3293RD
E 3295TH
E 3297TH
E 3299TH
E 3301ST
E 3303RD
E 3305TH
E 3307TH
E 3309TH
E 3311TH
E 3313TH
E 3315TH
E 3317TH
E 3319TH
E 3321ST
E 3323RD
E 3325TH
E 3327TH
E 3329TH
E 3331ST
E 3333RD
E 3335TH
E 3337TH
E 3339TH
E 3341ST
E 3343RD
E 3345TH
E 3347TH
E 3349TH
E 3351ST
E 3353RD
E 3355TH
E 3357TH
E 3359TH
E 3361ST
E 3363RD
E 3365TH
E 3367TH
E 3369TH
E 3371ST
E 3373RD
E 3375TH
E 3377TH
E 3379TH
E 3381ST
E 3383RD
E 3385TH
E 3387TH
E 3389TH
E 3391ST
E 3393RD
E 3395TH
E 3397TH
E 3399TH
E 3401ST
E 3403RD
E 3405TH
E 3407TH
E 3409TH
E 3411TH
E 3413TH
E 3415TH
E 3417TH
E 3419TH
E 3421ST
E 3423RD
E 3425TH
E 3427TH
E 3429TH
E 3431ST
E 3433RD
E 3435TH
E 3437TH
E 3439TH
E 3441ST
E 3443RD
E 3445TH
E 3447TH
E 3449TH
E 3451ST
E 3453RD
E 3455TH
E 3457TH
E 3459TH
E 3461ST
E 3463RD
E 3465TH
E 3467TH
E 3469TH
E 3471ST
E 3473RD
E 3475TH
E 3477TH
E 3479TH
E 3481ST
E 3483RD
E 3485TH
E 3487TH
E 3489TH
E 3491ST
E 3493RD
E 3495TH
E 3497TH
E 3499TH
E 3501ST
E 3503RD
E 3505TH
E 3507TH
E 3509TH
E 3511TH
E 3513TH
E 3515TH
E 3517TH
E 3519TH
E 3521ST
E 3523RD
E 3525TH
E 3527TH
E 3529TH
E 3531ST
E 3533RD
E 3535TH
E 3537TH
E 3539TH
E 3541ST
E 3543RD
E 3545TH
E 3547TH
E 3549TH
E 3551ST
E 3553RD
E 3555TH
E 3557TH
E 3559TH
E 3561ST
E 3563RD
E 3565TH
E 3567TH
E 3569TH
E 3571ST
E 3573RD
E 3575TH
E 3577TH
E 3579TH
E 3581ST
E 3583RD
E 3585TH
E 3587TH
E 3589TH
E 3591ST
E 3593RD
E 3595TH
E 3597TH
E 3599TH
E 3601ST
E 3603RD
E 3605TH
E 3607TH
E 3609TH
E 3611TH
E 3613TH
E 3615TH
E 3617TH
E 3619TH
E 3621ST
E 3623RD
E 3625TH
E 3627TH
E 3629TH
E 3631ST
E 3633RD
E 3635TH
E 3637TH
E 3639TH
E 3641ST
E 3643RD
E 3645TH
E 3647TH
E 3649TH
E 3651ST
E 3653RD
E 3655TH
E 3657TH
E 3659TH
E 3661ST
E 3663RD
E 3665TH
E 3667TH
E 3669TH
E 3671ST
E 3673RD
E 3675TH
E 3677TH
E 3679TH
E 3681ST
E 3683RD
E 3685TH
E 3687TH
E 3689TH
E 3691ST
E 3693RD
E 3695TH
E 3697TH
E 3699TH
E 3701ST
E 3703RD
E 3705TH
E 3707TH
E 3709TH
E 3711TH
E 3713TH
E 3715TH
E 3717TH
E 3719TH
E 3721ST
E 3723RD
E 3725TH
E 3727TH
E 3729TH
E 3731ST
E 3733RD
E 3735TH
E 3737TH
E 3739TH
E 3741ST
E 3743RD
E 3745TH
E 3747TH
E 3749TH
E 3751ST
E 3753RD
E 3755TH
E 3757TH
E 3759TH
E 3761ST
E 3763RD
E 3765TH
E 3767TH
E 3769TH
E 3771ST
E 3773RD
E 3775TH
E 3777TH
E 3779TH
E 3781ST
E 3783RD
E 3785TH
E 3787TH
E 3789TH
E 3791ST
E 3793RD
E 3795TH
E 3797TH
E 3799TH
E 3801ST
E 3803RD
E 3805TH
E 3807TH
E 3809TH
E 3811TH
E 3813TH
E 3815TH
E 3817TH
E 3819TH
E 3821ST
E 3823RD
E 3825TH
E 3827TH
E 3829TH
E 3831ST
E 3833RD
E 3835TH
E 3837TH
E 3839TH
E 3841ST
E 3843RD
E 3845TH
E 3847TH
E 3849TH
E 3851ST
E 3853RD
E 3855TH
E 3857TH
E 3859TH
E 3861ST
E 3863RD
E 3865TH
E 3867TH
E 3869TH
E 3871ST
E 3873RD
E 3875TH
E 3877TH
E 3879TH
E 3881ST
E 3883RD
E 3885TH
E 3887TH
E 3889TH
E 3891ST
E 3893RD
E 3895TH
E 3897TH
E 3899TH
E 3901ST
E 3903RD
E 3905TH
E 3907TH
E 3909TH
E 3911TH
E 3913TH
E 3915TH
E 3917TH
E 3919TH
E 3921ST
E 3923RD
E 3925TH
E 3927TH
E 3929TH
E 3931ST
E 3933RD
E 3935TH
E 3937TH
E 3939TH
E 3941ST
E 3943RD
E 3945TH
E 3947TH
E 3949TH
E 3951ST
E 3953RD
E 3955TH
E 3957TH
E 3959TH
E 3961ST
E 3963RD
E 3965TH
E 3967TH
E 3969TH
E 3971ST
E 3973RD
E 3975TH
E 3977TH
E 3979TH
E 3981ST
E 3983RD
E 3985TH
E 3987TH
E 3989TH
E 3991ST
E 3993RD
E 3995TH
E 3997TH
E 3999TH
E 4001ST
E 4003RD
E 4005TH
E 4007TH
E 4009TH
E 4011TH
E 4013TH
E 4015TH
E 4017TH
E 4019TH
E 4021ST
E 4023RD
E 4025TH
E 4027TH
E 4029TH
E 4031ST
E 4033RD
E 4035TH
E 4037TH
E 4039TH
E 4041ST
E 4043RD
E 4045TH
E 4047TH
E 4049TH
E 4051ST
E 4053RD
E 4055TH
E 4057TH
E 4059TH
E 4061ST
E 4063RD
E 4065TH
E 4067TH
E 4069TH
E 4071ST
E 4073RD
E 4075TH
E 4077TH
E 4079TH
E 4081ST
E 4083RD
E 4085TH
E 4087TH
E 4089TH
E 4091ST
E 4093RD
E 4095TH
E 4097TH
E 4099TH
E 4101ST
E 4103RD
E 4105TH
E 4107TH
E 4109TH
E 4111TH
E 4113TH
E 4115TH
E 4117TH
E 4119TH
E 4121ST
E 4123RD
E 4125TH
E 4127TH
E 4129TH
E 4131ST
E 4133RD
E 4135TH
E 4137TH
E 4139TH
E 4141ST
E 4143RD
E 4145TH
E 4147TH
E 4149TH
E 4151ST
E 4153RD
E 4155TH
E 4157TH
E 4159TH
E 4161ST
E 4163RD
E 4165TH
E 4167TH
E 4169TH
E 4171ST
E 4173RD
E 4175TH
E 4177TH
E 4179TH
E 4181ST
E 4183RD
E 4185TH
E 4187TH
E 4189TH
E 4191ST
E 4193RD
E 4195TH
E 4197TH
E 4199TH
E 4201ST
E 4203RD
E 4205TH
E 4207TH
E 4209TH
E 4211TH
E 4213TH
E 4215TH
E 4217TH
E 4219TH
E 4221ST
E 4223RD
E 4225TH
E 4227TH
E 4229TH
E 4231ST
E 4233RD
E 4235TH
E 4237TH
E 4239TH
E 4241ST
E 4243RD
E 4245TH
E 4247TH
E 4249TH
E 4251ST
E 4253RD
E 4255TH
E 4257TH
E 4259TH
E 4261ST
E 4263RD
E 4265TH
E 4267TH
E 4269TH
E 4271ST
E 4273RD
E 4275TH
E 4277TH
E 4279TH
E 4281ST
E 4283RD
E 4285TH
E 4287TH
E 4289TH
E 4291ST
E 4293RD
E 4295TH
E 4297TH
E 4299TH
E 4301ST
E 4303RD
E 4305TH
E 4307TH
E 4309TH
E 4311TH
E 4313TH
E 4315TH
E 4317TH
E 4319TH
E 4321ST
E 4323RD
E 4325TH
E 4327TH
E 4329TH
E 4331ST
E 4333RD
E 4335TH
E 4337TH
E 4339TH
E 4341ST
E 4343RD
E 4345TH
E 4347TH
E 4349TH
E 4351ST
E 4353RD
E 4355TH
E 4357TH
E 4359TH
E 4361ST
E 4363RD
E 4365TH
E 4367TH
E 4369TH
E 4371ST
E 4373RD
E 4375TH
E 4377TH
E 4379TH
E 4381ST
E 4383RD
E 4385TH
E 4387TH
E 4389TH
E 4391ST
E 4393RD
E 4395TH
E 4397TH
E 4399TH
E 4401ST
E 4403RD
E 4405TH
E 4407TH
E 4409TH
E 4411TH
E 4413TH
E 4415TH
E 4417TH
E 4419TH
E 4421ST
E 4423RD
E 4425TH
E 4427TH
E 4429TH
E 4431ST
E 4433RD
E 4435TH
E 4437TH
E 4439TH
E 4441ST
E 4443RD
E 4445TH
E 4447TH
E 4449TH
E 4451ST
E 4453RD
E 4455TH
E 4457TH
E 4459TH
E 4461ST
E 4463RD
E 4465TH
E 4467TH
E 4469TH
E 4471ST
E 4473RD
E 4475TH
E 4477TH
E 4479TH
E 4481ST
E 4483RD
E 4485TH
E 4487TH
E 4489TH
E 4491ST
E 4493RD
E 4495TH
E 4497TH
E 4499TH
E 4501ST
E 4503RD
E 4505TH
E 4507TH
E 4509TH
E 4511TH
E 4513TH
E 4515TH
E 4517TH
E 4519TH
E 4521ST
E 4523RD
E 4525TH
E 4527TH
E 4529TH
E 4531ST
E 4533RD
E 4535TH
E 4537TH
E 4539TH
E 4541ST
E 4543RD
E 4545TH
E 4547TH
E 4549TH
E 4551ST
E 4553RD
E 4555TH
E 4557TH
E 4559TH
E 4561ST
E 4563RD
E 4565TH
E 4567TH
E 4569TH
E 4571ST
E 4573RD
E 4575TH
E 4577TH
E 4579TH
E 4581ST
E 4583RD
E 4585TH
E 4587TH
E 4589TH
E 4591ST
E 4593RD
E 4595TH
E 4597TH
E 4599TH
E 4601ST
E 4603RD
E 4605TH
E 4607TH
E 4609TH
E 4611TH
E 4613TH
E 4615TH
E 4617TH
E 4619TH
E 4621ST
E 4623RD
E 4625TH

Texas Water Development Board
Well Schedule

State Well Number 6514720 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294538 **Longitude** 952205 **Source of Coords** 3

Owner's Well No. **Location**

Owner
Rice Hotel Laundry

Driller
Layne Texas

Address **Tenant/Oper.**

Date Drilled / /1936 **Depth** 1502 **Source of Depth** **Altitude** 52 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material** Blank

Screen Material Blank

Completion

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____to_____

LIFT DATA - **Pump Mfr. -** **Type -** NONE **No. Stages**

Bowls Diam - **in.** **Setting -** **ft.** **Column Diam. -** **in.**

Motor Mfr. - **Fuel or Power -** blank **Horsepower -**

YIELD Flow- **GPM** **Pump** **GPM** **Meas.,Rept.,Est.-** **Date-**

WATER USE **Primary -** UNUSED **Secondary -** blank **Tertiary -** blank

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** Y **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1936
-90

Recorded By **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
118 ft of screen between 1317 and 1456 ft. Reported yield 650 gpm when drilled. Well destroyed.

Aquifer - 121EVGL **ID -** 15

EVANGELINE AQUIFER

P

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-21-1X
Located on map yes
Received: C.F.S.

1) OWNER Apex Valve & Fittings (Name) Address P. O. Box 45007 Houston, Tx. 77245 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris, 8 1/2 miles in NW (N.E., S.W., etc.) direction from Pearland (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
XX See attached map. map on 65-29-1F

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic XX Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): XX Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 7/14/83

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 7/8	Surface	323

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil
3	290	Clay
290	323	Sand

(Use reverse side if necessary)

7) BOREHOLE COMPLETION: ☐ Open Hole XX Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	Steel	0	294	WW
2½	N	PVC	273	313	80
2½	N	Everflo	313	323	10

CEMENTING DATA
Cemented from 14 Sacks ft. to _____ ft.
Method used Pressure
Cemented by O'DAY DRILLING CO., INC. (Company or Individual)

9) WATER LEVEL:
Static level 170 ft. below land surface Date 7/14/83
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP: ☐ Turbine ☐ Jet XX Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 210 ft.

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer XX Jetted ☐ Estimated
Yield: 30 gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes XX No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes XX No

RECEIVED
AUG - 9 1983
DEPT. OF WATER RESOURCES

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Orlen O'Day (Type or Print) Water Well Drillers Registration No. 786

ADDRESS P. O. Box 162 (Street or RFD) Pearland (City) Texas (State) 77581 (Zip)

(Signed) Orlen O'Day (Water Well Driller) O'Day Drilling Co., Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79) DEPARTMENT OF WATER RESOURCES COPY 4820107631

STATE OF TEXAS WATER WELL REPORT

1) OWNER: CAVAZOS, NINFA ADDRESS: 1625 BONNIE BRAE CITY: HOUSTON STATE: TX ZIP: 77006-
2) LOCATION OF WELL: County: HARRIS miles in SW direction from HOUSTON

LEGAL DESCRIPTION:
Section No.: H-7 Block No.: SW Township: HOUSTON
Abstract No.: CARIDAS Survey Name:
Distance and direction from two intersecting section or survey lines: ALT 90 & CARIDAS

65-20-9

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: DOMESTIC 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 16197

DIAMETER OF HOLE

DIAMETER	FROM	TO
6.5	0	285

7) BOREHOLE METHOD:
STRAIGHT WALL
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 09/10/95

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	TOP SOIL
3	90	CLAY
90	103	SAND W/CLAY STREAKS
103	259	CLAY
259	285	SAND

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
4	N	PVC CASING	0	270	WW
4	N	SUPERFLO SCREEN	270	280	08

9) CEMENTING DATA:
Cemented from 0 FT. TO 90 FT.
FT. TO FT.
Method used: PUMPED
Cemented by: ODCI

RECEIVED FEB 26 1996

10) SURFACE COMPLETION:
OTHER

11) WATER LEVEL:
STATIC LEVEL : 140 FT. DATE: 09/10/95
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 231

14) WELL TEST:
JETTED
YIELD: 25 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: N/A DEPTH OF STRATA: 26 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877,4111,4883,
ADDRESS: 14405 GARDEN RD CITY: PEARLAND STATE: TX ZIP CODE: 77581

FOR TDWR USE ONLY
WELL NO.
LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Angel Bautista (signed)
(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)

4820117238

73

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER XXXXX Blalock Nursing Home (Name) Address 1341 Blalock (Street or RFD) Houston (City) Texas (State) 77055 (Zip)

2) LOCATION OF WELL: County Harris, 10 miles in W (N.E., S.W., etc.) direction from Houston (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ See attached map. map on 65-11-6P Dup

3) TYPE OF WORK (Check): XX☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): XX☑ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): XX☑ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 6-30-83

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
	Surface	
7 7/8		539
4¼		592

From (ft.)	To (ft.)	Description and color of formation material
0-	17	Clay
17-	63	Sand
63-	145	Clay
145-	232	Sand
232-	301	Clay
301-	463	Sand
463-	515	Clay
515-	540	Sand
540-	560	Clay
560-	592	Sand

(Use reverse side if necessary)

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other 2 string cemented

If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5	N	Casing	0	520	sch 40
2½	N	Blank Pipe	500	520	sch 40
2½	N	Slotted Screen	520	540	012
2½	N	Blank Pipe	540	560	sch 40
2½	N	Slotted Screen	560	592	012

CEMENTING DATA
Cemented from 520 ft. to 320 ft.
Method used Halliburton
Cemented by Robinson Water Well (Company or Individual)

9) WATER LEVEL:
Static level 230 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth
Lead Seal 520

RECEIVED
DEC - 7 1984
DEPT. OF WATER RESOURCES

11) TYPE PUMP: 7½ HP
☐ Turbine ☐ Jet XX☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☐ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME ~~Robinson Water Well Service~~ (Type or Print) Water Well Driller's License No. 1464

ADDRESS 11607 FM 149 (Street or RFD) Houston (City) Texas (State) 77086 (Zip)

(Signed) M. E. Robinson Jr. (Licensed Water Well Driller) (Signed) Roger Arnold (Registered Driller Trainee) Dup

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 65-12-5T
Located on map yes C.F.S.

TDWR-0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY

160
62 Dup

Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-12-62
Located on map yes
Received: c.f.s.

1) OWNER Blalock Nursing Home (Name) Address Unknown Long Point (Street or RFD) Houston, Texas (City) (State) (Zip)

2) LOCATION OF WELL:
County Harris 15 miles in W (N.E., S.W., etc.) direction from Houston (Town)

Driller **must** complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ **Legal description:**
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ See attached map. mapon 65-04-602N

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☐ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☒ Other _____

5) DRILLING METHOD (Check):
☒ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 9/28/82

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
	Surface	
6-3/4		582

From (ft.)	To (ft.)	Description and color of formation material
0	17	Clay
17	64	Sand
64	111	Clay
111	143	Sand
143	206	Clay
206	290	Sand
290	300	Clay
300	340	Sand
340	389	Clay
389	450	Sand
450	493	Clay
493	506	Sand
506	512	Clay
512	582	Sand

(Use reverse side if necessary)

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☒ Other ~~2 string cemented~~
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New ~~or~~ Used	Steel, Plastic, etc. ~~Perf.~~, Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4"	N	Steel Casing	0	525	Sch.
2½"	N	Blank Pipe	520	532	40
2½"	N	PVC Slotted Screen	532	582	.012

CEMENTING DATA
Cemented from 525 ft. to 235 ft.
Method used Halliburton
Cemented by Robinson Water Well (Company or Individual)

9) WATER LEVEL:
Static level 230 ft. below land surface Date 9/28/82
Artesian flow _____ gpm. Date _____

10) PACKERS:

Type	Depth
Lead Seal	520

11) TYPE PUMP: 5HP
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 357 ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ~~potable~~ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

RECEIVED
JUL 19 1983
DEPT. OF WATER RESOURCES

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Roger Scholl (Type or Print) Water Well Drillers Registration No. 2213

ADDRESS 11607 Fm 149 (Street or RFD) Houston, (City) Texas (State) 77086 (Zip)

(Signed) Roger Scholl (Water Well Driller) ~~Robinson Water Well Service, Inc.~~ (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

9FF 6505.9FF

Send original copy by certified mail to the Texas Water Development Board P. O. Box 13087 Austin, Texas 78711

State of Texas

WATER WELL REPORT #7

For TWDB use only
Well No.
Located on map
Received:

1) OWNER:
Person having well drilled Holland Plbg Co. (Name) Address 1348 Cedar Post Hou Tex (Street or RFD) (City) (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County HARRIS miles in (N.E., S.W., etc.) direction from (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*

1348 Cedar Post Lane

North

(Use reverse side if necessary)

or

Give legal location with distances and directions from adjacent sections or survey lines.

Labor League

Block Survey

Abstract No.

(NW¼ NE¼ SW¼ SE¼) of Section

3) TYPE OF WORK (Check): New Well, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check): Domestic, Industrial, Municipal, Irrigation, Test Well, Other

5) TYPE OF WELL (Check): Rotary, Driven, Dug, Cable, Jetted, Bored

6) WELL LOG:
Diameter of hole 6 1/2 in. Depth drilled 232 ft. Depth of completed well 232 ft. Date drilled 6/5/73

All measurements made from 4' ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil
3 -	220	Unconsolidated
220 -	232	Sand

9) Casing:
Type: Old, New, Steel, Plastic, Other
Cemented from 161 ft. to 232 ft.

Diameter (Inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	211'	30
2"	211	222'	40

10) SCREEN:
Type SSR
Perforated, Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2"	222	232'	14 gau.

(Use reverse side if necessary)

7) COMPLETION (Check): Straight wall, Gravel packed, Other, Under reamed, Open Hole

8) WATER LEVEL:
Static level 132 ft. below land surface Date 6/6/73
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., 190' ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?
Yield: gpm with ft. drawdown after hrs.
Bailer test gpm with ft. drawdown after hrs.
Artesian flow gpm
Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? depth of strata

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy C. Russell (Type or Print) Water Well Drillers Registration No. 707

ADDRESS 9739 North Houston Rose lyn Houston Texas (Street or RFD) (City) (State)

(Signed) Tommy C Russell (Water Well Driller) Russell & Son Inc. (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDB-WD-8

48 20113058

10/06/2021
04:10:00

Texas Commission on Environmental Quality
DWW Water System Summary Sheet

PWS ID	PWS Name	Central Registry RN
TX1012459	THE VILLAGE HEALTHCARE CENTER	RN101207439

Organization/Customer *	Central Registry CN
CSE THE VILLAGE LLC	CN603723586

*Regulatory mail will be addressed to this organization/person

All Water System Contacts

Type	Contact	Communication	
		Phone Type	**Value**
AC - Administrative Contact - ADMINISTRATOR	PORTILLO, MAURICIO 1341 BLALOCK RD HOUSTON, TX 77055-6427	BUS - Business	713-464-7625
		BUS - Business	713-468-7821
		PRI - PRIMARY CONTACT NUMBER	832-721-5119
OW - Owner	CSE THE VILLAGE LLC		

Operator Grade	Number
SURFACE WATER TREATMENT OPERATOR Grade B	1

Water Operator Licenses

License Holder:	COUNCILL, GEORGE R	
CURRENT	Class: B - SURFACE WATER TREATMENT OPERATOR	WS0004808

Owner Type	Owner Type Options: COUNTY, DISTRICT, FEDERAL GOVERNMENT, INVESTOR OWNED, MUNICIPALITY, NATIVE AMERICAN, PRIVATE, STATE GOVERNMENT, WATER SUPPLY CORPORATION
Private	

System Type	System Type Options: COMMUNITY, TRANSIENT/NON-COMMUNITY, NON-PUBLIC, NON-TRANSIENT/NON-COMMUNITY
NP - NON-PUBLIC	

Population Type	Population Served	# of Connect	# I/C w/other PWS

Total Product (MGD)	Average Daily Consump.	Max Daily Demand (MGD)	Total Storage (MG)	Elev. Storage (MG)	Service Pump Cap.	Max.Purchase Cap. (MGD/GPM)	Pressure Tank Cap. (MG)

Activity Status	Inactivation Date
I - INACTIVE	07/27/2011

Last Survey Date	Surveyor	Survey Type	Region	County
03/31/2010	MELODY, E KIRKSEY	Sanitary Survey	HOUSTON	HARRIS
02/03/2006	MAGGIE, ARMSTEAD WRIGHT	Sanitary Survey	HOUSTON	HARRIS
10/06/2003	MELODY, E KIRKSEY	Sanitary Survey	HOUSTON	HARRIS

(Treatment Plant)

Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP001	TRT-TAP / No Source Listed(I)	PLANT(I)	TP6723		NO		NO

Train:	Unnamed

(Treatments)

Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	403	GASEOUS CHLORINATION, PRE
null	null	P	447	INHIBITOR, POLYPHOSPHATE

(Active Sources)

(Inactive/Offline Sources)

SourceNumber	Name	Status	Depth
G1012459A	1 - 1341 BLALOCK	P	592
G1012459B	2 - 1341 BLALOCK	P	580
G1012459C	3 - 1341 BLALOCK	O	600
P1012459A	CITY OF HOUSTON	O	N/A

Code Explanations

Monitoring Type Codes: (GW) GROUNDWATER , (GUP) GROUNDWATER UNDER THE INFLUENCE - PURCHASED , (SWP) SURFACE WATER - PURCHASED , (GU) GROUNDWATER UNDER THE INFLUENCE OF SURFACE WATER , (N) NO SOURCES , (SW) SURFACE WATER

Activity Status Codes: (A) ACTIVE , (D) DELETED/DISSOLVED , (I) INACTIVE , (P)

PROPOSED ,
Operational Status Codes: (E) EMERGENCY , (I) INTERIM/PEAK (O) OTHER , (P) PERMANENT , (S) SEASONAL
Source Types: (G) GROUND WATER , (S) SURFACE WATER , (U) GROUND WATER UNDER THE INFLUENCE

- End of Report -

At the time of your query this data was the most current information available from our database, which is in real time. Every effort was made to retrieve it according to your query. Thank-you for using DWW.

Texas Water Development Board
Well Schedule

groundwater resources

State Well Number: **65-12-638** Previous Well Number: County: **Harris** **201**

Latitude (dms): **294737** Longitude (dms): **953125** Coordinate Accuracy: **Global Positioning System - GPS**

River Basin: **San Jacinto River** GMA: **14** RWPA: **H** GCD: **Harris-Galveston Subsidence District**

Owner: **Village Health Care Center (Well #3)** Driller: Aquifer ID: **Gulf Coast**

Aquifer Code: **112CHCT**

CHICOT AQUIFER

Depth (ft): **600** Elevation (ft): **85**

Source of Depth: **Another Government Agency** Source of Elevation: **Digital Elevation Model -DEM**

Date Drilled: **04/18/2005** Well Type: **Withdrawal of Water**

Type of Lift: **Unknown** Power: Horsepower:

Construction: Completion:

Casing Material: Screen Material:

CASING INTERVALS:
Casing/Blank Pipe (C)
Well Screen/Slotted Zone (S)
Open Hole (O)

Dia. (in.)	Top (ft.)	Bottom (ft.)

WATER USE

Primary: **Public Supply** Secondary: Tertiary:

Water Levels: **None** Water Quality: **N**

Other Data: Logs:

REMARKS:
Owners well #3. PWS ID #1012459C.

Reporting Agency: **TWC/TNRCC/TCEQ**

Date Collected or Reported: **04/01/2011**

Recorded by: D. R. Jones

New

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 21 106 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 43 35 Longitude - 95 27 33 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4, _____ 1/4, Section _____, Block _____, Survey _____

Owner - City of Houston
Southwest #12

Driller - Texas Water Wells

Address _____ Tenant/Oper. _____
Date Drilled - 07/15/1960 Depth - 2,015 ft. Source of Depth - D Altitude - 65 ft. Source of Alt. -
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User - 396200

WELL CONSTRUCTION
Const. Method - _____
Completion - _____
Casing Material - _____
Screen Material - _____

| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____
| Diam. (in.) | Setting(feet) From | To

LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - ELECTRIC MOTOR Horsepower - 350

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- PUBLIC SUPPLY Secondary- _____ Tertiary- _____

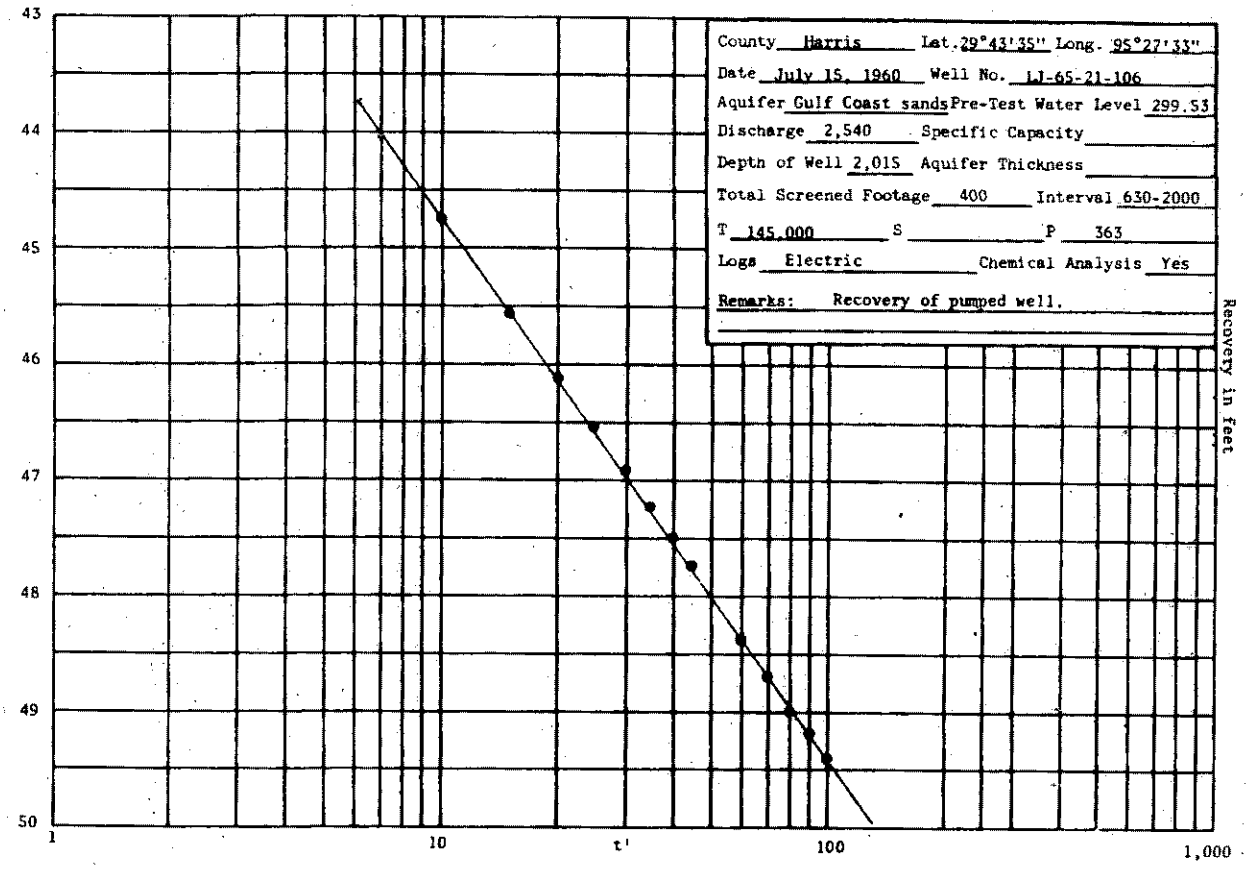
OTHER DATA AVAILAIBLE Water Levels- H Quality- Y Logs- Other Data-

WATER LEVELS Date- 07/15/1960 Measurement- -242.80
Date- 01/15/1991 Measurement- -335.90

Recorded By _____ Date Record Collected or Updated- 02/04/1999

Reporting Agency -
REMARKS -
400 ft of screen between 630 and
2000 ft. Measured yield 2539 gpm
with 45 ft drawdown when drilled.
Well 12.

Aquifer - 121EVGL
Well No. - 65 21 106


County Harris Lat. 29°43'35" Long. 95°27'33"
Date July 15, 1960 Well No. LJ-65-21-106
Aquifer Gulf Coast sands Pre-Test Water Level 299.53
Discharge 2,540 Specific Capacity
Depth of Well 2,015 Aquifer Thickness
Total Screened Footage 400 Interval 630-2000
T 145,000 S P 363
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
43
44
45
46
47
48
49
50
Recovery in feet
1
10
t'
100
1,000

OWNER: City of Houston
Southwest #12

SWN: 6521106

COUNTY: Harris

DATE: 7 / 15 / 1960

AQUIFER: EVANGELINE AQUIFER

Asterisk (*) next to value indicates that the constituent exceeds TCEQ standards (MCL) for drinking water.

	MG/L		MG/L		MG/L
Silica	18	**Carbonate**	0	**Dissolved Solids**	358
Calcium	18	**Bicarbonate**	296	**Hardness as CaCO3**	66
Magnesium	5	**Sulfate**	9	**SAR**	6.18
Sodium	115	**Chloride**	46	**Conductivity**	586
Potassium	1.2	**Fluoride**	0.7	**pH**	
Strontium		**Nitrate as NO_3**		**Temperature**	°C

DESCRIPTION	FLAG	VALUE	+/-
BORON, DISSOLVED (UG/L AS B)		200.	

TEXAS DEPARTMENT OF WATER RESOURCES

WELL SCHEDULE

Aquifer(s) Chicot Project No. _____ State Well No. 65-13-110

_____ Field No./Owner's Well No. _____ County HARRIS

1. Location: ___ ¼, ___ ¼, Section ___, Block ___, Survey _____, Lat. _____, Long. _____

2. Owner: Arbor Oaks Address: _____

Tenant (other): _____ Address: _____

Driller: Layne Texas Address: _____

3. Land Surface Elevation: 81 ft. above msl determined by _____

4. Drilled: _____ 19 64; Dug, Cable Tool, Rotary, Air, _____

5. Depth: Rept. 560 ft. Meas. _____ ft.

6. Borehole Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed

7. Pump: Mfr. _____ Type T

No. Stages _____, Bowls Diam. ___ in., Setting _____ ft.

Column Diam. _____ in., Length Tailpipe _____ ft.

8. Motor: Mfr. _____ Fuel E HP. 25

9. Yield: Flow ___ gpm, Pump ___ gpm, Meas., Rept., Est. ___ Date ___

10. Performance Test: Date 10/13/64 Length of Test ___ Made by L-T

Static Level 162 ft. Pumping Level ___ ft. Drawdown 36 ft.

Production 360 gpm Specific Capacity _____ gpm/ft.

11. Quality: (Remarks on taste, odor, color, etc.) _____

Analyses

Date _____ Laboratory _____ TDS ___ Sp Cond ___

Date _____ Laboratory _____ TDS ___ Sp Cond ___

12. Other data available (as circled): Pumping Test, Power & Yield Test, Drillers Log, Formation Samples, Geophysical Log(s) _____ (type)

13. Water Level(s): _____ ft. rept. meas. _____ 19 ___ above below _____ which is ___ ft. above below Land Surface

_____ ft. rept. meas. _____ 19 ___ above below _____ which is ___ ft. above below Land Surface

14. Use: Dom., Stock, Public Supply, Ind., Irr., Observation, Other (Test Hole, Oil Test, etc.) _____

15. Recorded by: _____ Source of data: _____ Date: _____

16. Remarks: _____

17. Location or Sketch:

CASING, BLANK PIPE & WELL SCREEN Cemented From ___ ft. to ___ ft.			
Diam. (in.)	Type	Setting (feet) from	to

TDWR-0308

W/L Obs. Well ___ W/Q Obs. Well ___

State Well No. 65-13-110

STATE

65-13-1

65-13-1a

Map 102 (1)

FORM - 20

LAYNE TEXAS COMPANY.

HOUSTON -:- DALLAS

WELL LOG

REPORT NO 6842
S O 2011-64
PAGE 1 of 1
FILE NO 2946
DATE 10-27-64

CUSTOMER LOCATION	WELL DATA
FOR White Oaks Development Company	NAME WELL — WELL NO 1
LOCATION WELL Arbor Oaks Subdivision	ELEVATION — DATUM
SURVEY — FIELD	RT — C — GR
COUNTY Harris — STATE Texas	TEST HOLE SIZE 7 7/8" TO 561'
OTHER LAND MARKS 600' N. of Little York Rd. Near White Oak Bayou	DATE STARTED DRILLING 9-29-64
	DATE FINISHED DRILLING 10-1-64
	DRILLER B.M.Coffey — RIG NO 12
	TYPE MUD Gel — NO SACKS 10
	ELECTRIC LOG Yes — TYPE WIDCO
	SURVEY Eastman — TYPE Single-Shot
	OTHER

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	TYPE	NUMBER
0		Surface			
10	10	Surface Soil			
21	11	Shale & Clay			
31	10	Sand			
122	91	Shale			
147	25	Shale & Streaks of Sand			
160	13	Sand			
177	17	Shale			
182	5	Sand & Shale			
198	16	Clay & Shale			
212	14	Sand & Shale			
263	51	Sand (Cut good)			
273	10	Sandy Shale			
282	9	Clay & Sandy Shale			
304	22	Sand (Cut good)			
336	32	Sand			
366	30	Sand & Hard Streaks			
397	31	Sand			
427	30	Sandy Shale			
461	34	Sand			
470	9	Shale			
555	85	Sand & Streaks of Shale			
561	6	Shale			

TOTAL DEPTH: 561'

65-13-1a

65-13-110

6843
2011-64
PAGE 1 OF 1
FILE 2946
DATE 10-27-64

SUPPLIER DATA

FOR White Oaks Development Company

LOCATION WELL Arbor Oaks Subdivision

SURVEY FIELD

COUNTY Harris STATE Texas

OTHER LAND MARKS 600' N. of Little York Rd.
Near White Oak Bayou

WELL DATA

WELL 1

DATE

TYPE WELL Gravel Wall

PIPE OR CASING CEMENTED Yes NO SACKS 105

SIZE OF DEREAMED 26" DEPTH 560'

112-113-165-131 YDS 34

SCREEN S.S. W.W. BarLug GAGE .045

B.M.Coffey RIG NO. 12

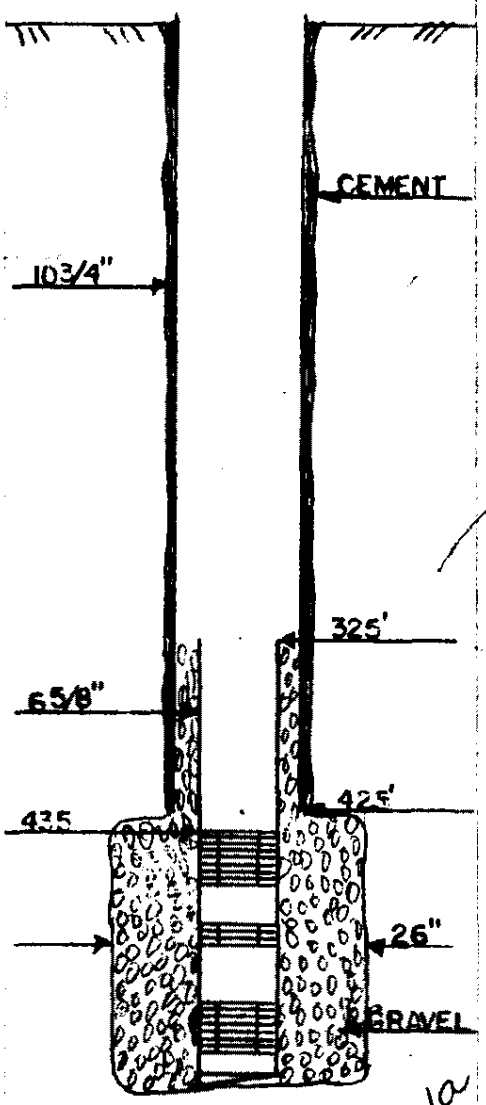
S.R. Stutes

DEPTH	LENGTH	
+2'		10 3/4" O.D. Surface Casing 2' above ground
0		Surface
325		Top of Lap
425	427	10 3/4" O.D. Surface Casing
435	110	6 5/8" O.D. Blank Pipe
460	25	6 5/8" O.D. S.S. W.W. BarLug Screen, .045" gage
480	20	6 5/8" O.D. Blank Pipe
490	10	6 5/8" O.D. S.S. W.W. BarLug Screen, .045" gage
520	30	6 5/8" O.D. Blank Pipe
545	25	6 5/8" O.D. S.S. W.W. BarLug Screen, .045" gage
558	13	6 5/8" O.D. Blank Pipe
560	2	6 5/8" O.D. Set Nipple & B.P. Valve

TOTAL DEPTH: 560'

3 Spring Guides in U.R. Hole at: 470', 510', & 550'

SKETCH



65-13-165-13-1a

65-13-170

attach 3 pages

LAYNE TEXAS COMPANY
HOUSTON
WATER WELL TEST

6844
2011-64
1 of 1
2946
DATE 10-27-64

CUSTOMER LOCATION

TEST FOR White Oaks Development Company
LOCATION OF WELL Arbor Oaks Subdivision
SURVEY FIELD
COUNTY Harris STATE Texas
DESCRIPTION OF LAND MARKS 600' N. of Little York Rd. Near White Oak Bayou

WELL DATA

WELL NO. 1
WELL SIZE 10 3/4" x 6 5/8" x 26" UR
TOTAL DEPTH 560' TOP SCREEN 435'
DATE WELL Yes STRAIGHT WELL
S.S.W.W. GAUGE .045"
BerLug
74 deg. F
Clear - No Sand

WATER MEASURING DEVICE

ORIFICE SIZE 6" x 4" LENGTH 5'
OTHER

PUMPING DATA

250' 250' 1/4" 8

SAND CONTENT OZ. PER 100 GAL

ACTIVE STATIC HEAD AFTER PUMP STOPPED

5 MIN	164 FT.	20 MIN	162 FT.
10 MIN	163 FT.	25 MIN	162 FT.
15 MIN	163 FT.	30 MIN	162 FT.

WATER SAMPLE Yes SAMPLES 3

TIME	AIR LINE GAGE	PUMPING LEVEL	DISCH. PRES.	HEAD ON STATIC		REMARKS
10-13-64						
7:30 AM	Started 8 Hr. Test on Well					(S.L. Before Start: 160')
7:40	55	195		360	B.C.	
7:50	54	196		360	"	
8:00	54	196		360	"	
8:15	54	196		360	"	
8:30	54	196		360	"	
9:00	53	197		360	"	
9:30	53	197		360	"	
10:00	53	197		360	"	
10:30	53	197		360	"	
11:00	53	197		360	"	
11:30	53	197		360	"	
12:00	53	197		360	"	
12:30 PM	52	198		360	"	
1:00	52	198		360	"	
1:30	52	198		360	"	
2:00	52	198		360	"	
2:30	52	198		360	"	
3:00	52	198		360	"	
3:30	52	198		360	"	

REMARKS

Ralph C. Hilton Co.: by John G. Thomas

65-13/10
65-13-110
65-13-110

Texas Water Development Board
Well Schedule

State Well Number 6514716 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294623 **Longitude** 952139 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
Sunshine Laundry

Driller
McMasters and
Pomeroy

Address _____ **Tenant/Oper.** _____

Date Drilled / /1929 **Depth** 602 **Source of Depth** **Altitude** 56 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION **Const-Method**

Casing Material Blank

Screen Material Blank

Completion

Casing or Blank Pipe (C) Well Screen or Slotted Zone (S) or Open Hole (O) Cemented from_____**to**_____

LIFT DATA - **Pump Mfr. -** _____ **Type -** NONE **No. Stages** _____

Bowls Diam - _____ **in.** **Setting -** _____ **ft.** **Column Diam. -** _____ **in.**

Motor Mfr. - _____ **Fuel or Power -** blank **Horsepower -**

YIELD Flow- _____ **GPM** **Pump** _____ **GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary -** UNUSED **Secondary -** blank **Tertiary -** blank

OTHER DATA AVAILABLE **Water Levels -** N **Quality -** Y **Logs -** **Other Data -**

WATER LEVELS

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
Screen from 562 to 602 ft. Well destroyed.

Aquifer - 112CEVG **ID -** 15

CHICOT AND EVANGELINE AQUIFERS

Texas Water Development Board
Well Schedule

State Well Number 6514725 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294548 **Longitude** 952156 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
Model Laundry

Driller
Southern Engine and
Pump co.

Address _____ **Tenant/Oper.** _____

Date Drilled / /1909 **Depth** 1875 **Source of Depth** **Altitude** 45 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION

Const-Method

Casing Material Blank

Screen Material Blank

Completion

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from_____**to**_____

LIFT DATA - **Pump Mfr. -** _____ **Type -** NONE **No. Stages** _____

Bowls Diam - _____ **in.** **Setting -** _____ **ft.** **Column Diam. -** _____ **in.**

Motor Mfr. - _____ **Fuel or Power -** blank **Horsepower -**

YIELD Flow- _____ **GPM** **Pump** _____ **GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary -** UNUSED **Secondary -** blank **Tertiary -** blank

OTHER DATA AVAILABLE **Water Levels -** M **Quality -** Y **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1941
-102.2

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
Screen from 1625 to 1875 ft. Flowed until 1920. Well destroyed.

Aquifer - 121EVGL **ID -** 15

EVANGELINE
AQUIFER

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER ELISE COWAN (Name) ADDRESS 9435 CAMBEL HOUSTON TX 77080 (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL: County HARRIS (Street, RFD or other) (City) (State) (Zip) GRID # 6512-5

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) X N

6) WELL LOG:
Date Drilling:
Started 8-11 19 95
Completed 8-11 19 95

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
3 7/8	Surface	35

7) DRILLING METHOD (Check): ☐ Driven ☐ Air Rotary ☑ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	3	TOP SOIL
3	14	YELLOW SHALE
14	18	RED SAND
18	28	RED SHALE
28	29	WHITE ROCK
29	35	SAND

(Use reverse side if necessary)

8) Borehole Completion (Check): ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
2	N	PVC	0	29	SCH40
2	N	PVC SLOTTED	29	35	11

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 28 ft. No. of sacks used 2
ft. to ____ ft. No. of sacks used ____
Method used MIXED & POURED
Cemented by SUGG WATER WELL
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance HOOKED TO CITY

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 338.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL:
Static level 15 ft. below land surface Date 8-11-95
Artesian flow ____ gpm. Date ____

12) PACKERS: Type 2 Depth FORMATION 27-28

13) TYPE PUMP:
☐ Turbine ☑ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., 27 ft.

14) WELL TESTS:
Type test: ☑ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 5 gpm with 5 ft. drawdown after 2 hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME SUGG WATER WELL DRILLING (Type or print) WELL DRILLER'S LICENSE NO. 100 6WPKL

ADDRESS 13501 CHRISMAN #26 HOUSTON TEXAS 77039 (Street or RFD) (City) (State) (Zip)

(Signed) James H. Sugg Jr. (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-01-94)

TNRCC COPY

31000

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Clarence H. Cook	9421 Campbell Road	Houston	Texas	77080

2) WELL LOCATION

County	Physical Address	City	State	Zip
Harris 101	9421 Campbell Road	Houston	Texas	77080

Lat. 29 47 43 Long. 095 29 00 Grid # 65-13-4

3) Type of Work
☒ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☒ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply
If Public Supply well, were plans submitted? ☐ Yes ☐ No

5) N↑ x 0.5 y 0.9 *

6) Drilling Date
Started 06/ 18 / 03
Completed 06/ 18 / 03

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
5	0	34

7) Drilling Method (check) ☐ Driven ☐ Air Rotary ☒ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft)	To (ft)	Description and color of formation material
0	05	Top Soil
05	20	White Clay
20	25	Fine Sand
25	34	Medium Coarse Water Sand

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☒ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☐ Other
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfg., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
2	N	PVC Plastic	0	24	40
2	N	PVC Slotted	24	34	.008

9) Cementing Data
Cementing from 0 ft. to 20 ft. # of sacks used 2
ft. to ft. # of sacks used
Method Used Trimmie Line
Cementing By: Wellco
Distance to septic system field or other concentrated contamination 0 ft.
Method of verification of above distance City Sewer

13) Plugged NA ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion
☐ Specified Surface Slab Installed
☒ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Type Pump
☐ Turbine ☒ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc., 24 ft.

11) Water Level
Static level 18 ft. below Date 06/ 18/ 03
Artesian Flow gpm. Date

15) Water Test
Typetest ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 10 gpm with 1 ft. drawdown after 1 hrs.

12) Packers Type Depth
None

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☒ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made ☐ Yes ☒ No

RECEIVED TDLR MAIL ROOM JUL 0 8 2004 RECEIPT # AMOUNT

Company or individual's Name (type or print)	WELLCO DRILLING & SERVICE COMPANY	Lic. No. 4729PKW
Address 5423 Lotus Street	City Houston	State Texas Zip 77085

Signature Licensed Driller/Pump Installer	Date	Signature Apprentice	Date
	06/ 19 /03		/ /

TDLR FORM b001WWD *White - TDLR* *Yellow - Owner* *Pink - Driller/Pump Installer* CM#7001 2510 0009 3616 7840

9B

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

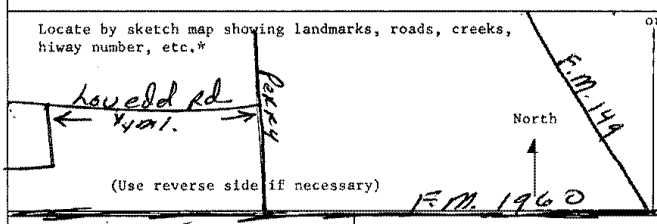
For TWDB use only
Well No. 65-03-9B
Located on map No. 5
Received: 7-27-72

1) OWNER:
Person having well drilled Irwin Fusilier (Name) Address 9617 Fulton St. (Street or RFD) Hou. (City) Texas (State)

Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris, 15 miles in N. (N.E., S.W., etc.) direction from Houston (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*



(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.

Labor _____ League _____

Block _____ Survey _____

Abstract No. _____

(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic ✓ Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary ✓ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 1/2 in. Depth drilled 282 ft. Depth of completed well 282 ft. Date drilled 3-17-72

All measurements made from 4 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0'	3'	Top Soil
3	258'	Unconsolidated Material
258	282'	Coarse Sand & Gravel

(Use reverse side if necessary)

9) Casing:
Type: Old New ✓ Steel ✓ Plastic Other
Cemented from 200 ft. to 260 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4	0	260	#30
2"	252'	282'	#40

10) SCREEN:
Type S.S. Wire Wrapped
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2"	272	282	#16 ga

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 1 ft. below land surface Date _____
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 170' ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No ✓
Type of water? _____ depth of strata _____

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME Tommy C Russell (Type or Print) Water Well Drillers Registration No. #707

ADDRESS 9739 N. Hou. Rosslyn Rd (Street or RFD) Houston (City) Texas (State)

(Signed) Tommy C Russell (Water Well Driller) Russell & Son Inc (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GW-53

STATE OF TEXAS WATER WELL REPORT

OWNER: WONG, KENT ADDRESS: 4500 COCKRAN CITY: HOUSTON STATE: TX ZIP:

2) LOCATION OF WELL: County: HARRIS miles in N direction from HOUSTON

LEGAL DESCRIPTION: SEE ATTACHED MAP: 00139

Section No.: Block No.: Township:

Abstract No.: Survey Name:

Distance and direction from two intersecting section or survey lines:

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: INDUSTRIAL 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00139

DATE DRILLED: 10/25/88

DIAMETER OF HOLE

DIAMETER	FROM	TO
6.5	0	483
4.0	483	502

7) BOREHOLE METHOD:

TWO STRING/B.P. SEAL

IF GRAVEL... FROM FT. TO FT.

FROM FT. TO FT.

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	19	CLAY-WHITE
19	178	CLAY-RED
178	209	SAND-WHITE-.014-.020
209	263	CLAY-RED
263	289	SAND-WHITE-.006-.008
289	389	CLAY-RED
389	400	SAND-WHITE-FINE
400	479	CLAY-RED
479	482	SAND-WHITE-.006-.008
482	484	CLAY-RED
484	499	SAND-WHITE-.010-.012
499	502	BROKEN SAND & CLAY
502		CLAY-RED

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
4.0	N	P.V.C. SCH.40	0	483		CASING
2.5	N	STEEL, NEW, GALV.	479	489		LINER
2.5	N	STAINLESS - ROD BASE	489	499		.010
2.5	N	STEEL, NEW, GALV.	499	502		S.T.N.

9) CEMENTING DATA:

Cemented from 0 FT. TO 483 FT.

FT. TO FT.

Method used: PRESSURE-HALIBURTON

Cemented by: ALMEDA WATER WELL

10) SURFACE COMPLETION:

APP. ALTER. PROCD.

11) WATER LEVEL:

STATIC LEVEL : 252 FT. DATE: 10/27/88

ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

RECEIVED DEC 1 1989 TEXAS WATER COMMISSION

13) TYPE PUMP:

SUBMERSIBLE

DEPTH TO PUMP: 315

14) WELL TEST:

JETTED

YIELD: 45 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:

TYPE OF WATER: GOOD DEPTH OF STRATA: 502 NO CHEMICAL ANALYSIS MADE

NO STRATA OF UNDESIRABLE WATER PENETRATED

COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843

ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY

WELL NO. 65-17-4

LOCATED ON MAP

I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) A. S. Jr. III (signed)

(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)

4820115721

WONG, KENT

HARRIS COUNTY TEXAS 102

Send original copy by certified mail to: **Texas Water Commission, P.O. Box 13087, Austin, Texas 78711**

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER SCHINDLER ENTERPRISES (Name) ADDRESS P.O. Box 842 (Street or RFD) Columbus (City) Tx (State) 78934 (Zip)

2) LOCATION OF WELL: County HARRIS, 1/4 miles in W (NE, SW, etc.) direction from SPRING VILLAGE (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:

Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____

Distance and direction from two intersecting section or survey lines _____

☑ SEE ATTACHED MAP

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Domestic ☑ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:

Date Drilling: Started 10-10 1991 Completed _____ 19 __

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
8 1/2	Surface	41

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☑ Gravel Packed ☐ Other _____

If Gravel Packed give interval . . . from 41 ft. to 21 ft.

From (ft.)	To (ft.)	Description and color of formation material
0	1	Topsoil
1	6	Sdy W. Clay
6	15	W. Clay + Soft Rock Strks
15	20	Red Clay
20	24	W. Clay
24	39	F. Wh. Sand
39	40	Rock
40	41	R+W. Clay

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4	N	S40 PVC	+2	21	
4	N	S40 PVC JSSR	21	41	012

9) CEMENTING DATA [Rule 287.44(1)]

Cemented from 0 ft. to 15 ft. No. of Sacks Used 1 1/2

ft. to _____ ft. No. of Sacks Used _____

Method used Concrete Poured

Cemented by NWWSI

10) SURFACE COMPLETION

☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]

☑ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]

☐ Pitless Adapter Used [Rule 287.44(3)(B)]

☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:

Static level 19 ft. below land surface Date 10-10-91

Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

NONE

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____

Depth to pump bowls, cylinder, jet, etc., 38 ft.

14) WELL TESTS: Pumped 24 w/9 FT DRAWDOWN

Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated

Yield: 17 gpm with ___ ft. drawdown after ___ hrs.

15) WATER QUALITY:

Did you knowingly penetrate any strata which contained undesirable constituents?

☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"

Type of water? _____ Depth of strata _____

Was a chemical analysis made? ☐ Yes ☑ No

RECEIVED DEC 27 1991 TEXAS WATER COMMISSION

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME _____ (Type or print) WELL DRILLER'S LICENSE NO. 2867

ADDRESS _____ (Street or RFD) (City) (State) (Zip)

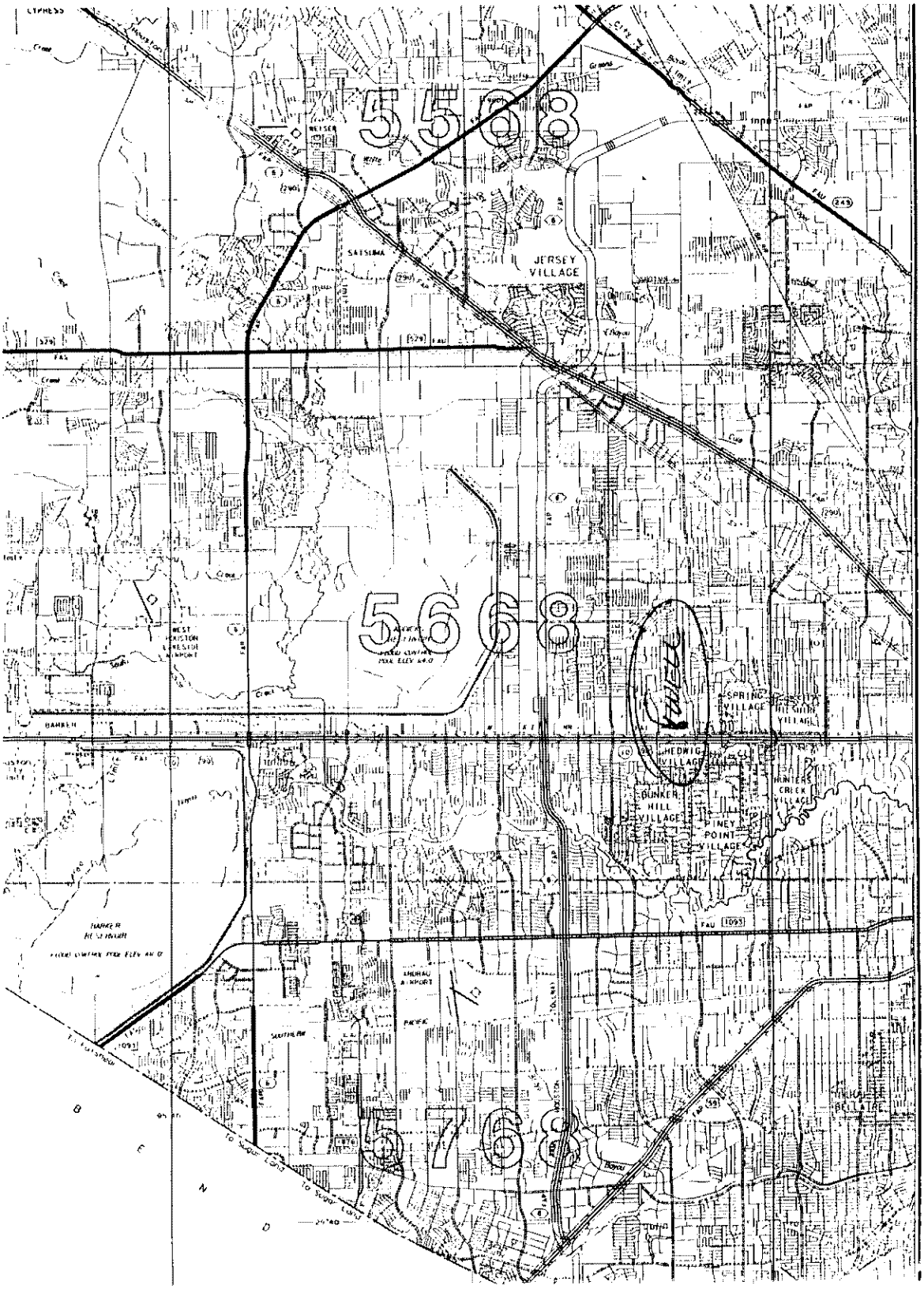
(Signed) Kenneth Merendorff (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. _____ Located on map 6612-4

WWD 012 (Rev. 05-18-90)

4820110915


5568
5668
5768
JERSEY VILLAGE
SATSUMA
WEST HOUSTON AIRPORT
BARKER
SPRING VILLAGE
HEDWIG VILLAGE
BUNKER HILL VILLAGE
PINEY POINT VILLAGE
MONTEREY CREEK VILLAGE
BELLAIRE
EMERALD AIRPORT
PACIFIC
B
E
N
D

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 12 907 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 47 21 Longitude - 95 31 23 Source of Coords - 2

Owners Well No. _____ Location _____ 1/4. _____ 1/4. Section _____, Block _____, Survey _____

Owner - Campbell Place Driller - Kelly & son

Address _____ Tenant/Oper. _____
Date Drilled - / /1948 Depth - 486 ft. Source of Depth - 0 Altitude - 76 ft. Source of Alt. - M
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User - 130800

WELL CONSTRUCTION Const. Method - _____ Casing Material - _____
Completion - _____ Screen Material - _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (
Open Hole (O)
Cemented from_____to_____

Diam. (in.)	Setting(feet) From	To

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages ____

Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

Motor Mfr. - _____ Fuel or Power - Horsepower -

YIELD Flow- _____ GPM Pump- _____ GPM Meas.,Rept.,Est- _____ Date- _____

PERFORMANCE TEST Date- _____ Length of Test- _____ Production- _____GPM

Static Level- _____ft. Pumping Level- _____ft. Drawdown- _____ft. Sp.Cap.- _____GPM/ft

QUALITY (Remarks- _____

WATER USE Primary- UNUSED Secondary- _____ Tertiary- _____

OTHER DATA AVAILAIBLE Water Levels- N Quality- N Logs- Other Data-

WATER LEVELS Date- / / Measurement-
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 11/02/1998

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CHCT
Well No. - 65 12 907

Please use black ink.
Send original copy by certified mail to the
Texas Water Commission
P.O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Michael Abbs (Name) Address 2425 Lucky St. (Street or RFD) Houston, Tx. (City) 77088 (State) (Zip)

2) LOCATION OF WELL:
County Harris miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☒ Legal description: Lt.7 Blk.7 Highland Acre Home, Annex 3
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 10-14 19 90 Completed 10-14 19 90

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
43/4	Surface	60'

From (ft.)	To (ft.)	Description and color of formation material
0	5'	Gumbo
5'	50'	~~XXXXXXXXX~~ clay
50'	60'	Fine sand

(Use reverse side if necessary)

7) BOREHOLE COMPLETION:
☐ Open Hole ☒ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
2"	N	PVC sch. 40	0	50'	
2"	N	10'x2" pvc screen	50'	60'	.008

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 50' ft. No. of Sacks Used 14
_____ ft. to _____ ft. No. of Sacks Used _____
Method used _____
Cemented by _____

RECEIVED
DEC 27 1990
TEXAS WATER COMMISSION

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☒ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 19' ft. below land surface Date 10-14-90
Artesian flow _____ gpm. Date _____

12) PACKERS: Type: Burlap Depth: 50'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☒ Other Installed by customer
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: 7 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME D & R Water Well & Pump Service (Type or Print) Water Well Driller's License No. 245-W

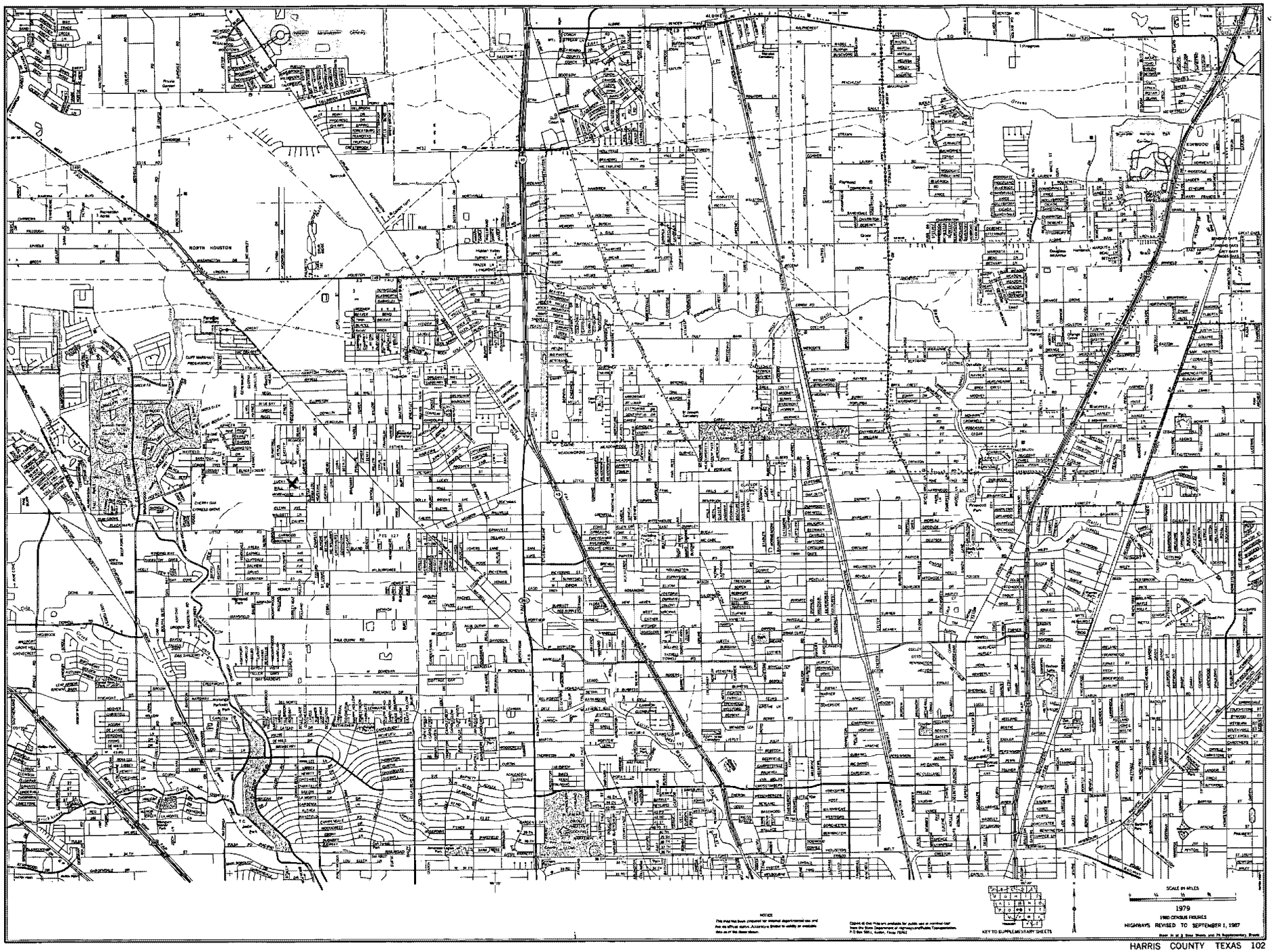
ADDRESS 3007 Randolph (Street or RFD) Pasadena (City) Texas (State) 77503 (Zip)

(Signed) Don L. Wolf (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 85-13-2
Located on map _____

TWC-0392 (Rev. 06-10-85) TEXAS WATER COMMISSION COPY


NORTH HOUSTON
KEY TO SUPPLEMENTARY SHEETS
SCALE IN MILES
1979
1980 CENSUS FIGURES
HIGHWAYS REVISED TO SEPTEMBER 1, 1987

Dataset Descriptions and Sources

Dataset	Source	Dataset Description	Update Schedule	Data Requested	Data Obtained	Data Updated	Source Updated
TX HGSD - Texas HGSD	Harris Galveston Subsidence District/Fort Bend Subsidence District	This dataset contains all groundwater well records compiled by Harris Galveston Subsidence District/Fort Bend Subsidence District.	Quarterly	07/26/2021	08/04/2021	08/04/2021	08/04/2021
TX TCEQ HIST - Texas TCEQ Historical	Texas Commission on Environmental Quality	This dataset contains all historical water well records searched from the TCEQ Public Water Well Viewer. Banks Environmental Data plots each well record based on location information found on the log.	As requested	N/A	N/A	N/A	N/A
TX TCEQ PWS - Texas TCEQ PWS	Texas Commission on Environmental Quality	This dataset contains a collection of records from Texas Water Districts, Public Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ.	Quarterly	08/20/2021	08/20/2021	08/24/2021	08/20/2021
TX TWDB GW - Texas TWDB Groundwater Database	Texas Water Development Board	This dataset contains water well records contained within Texas Water Development Board Groundwater Database.	Quarterly	08/04/2021	08/04/2021	08/03/2021	08/04/2021
TX TWDB SDR - Texas TWDB Submitted Drillers Reports	Texas Water Development Board	This dataset contains water well records from the Texas Water Development Board Submitted Drillers Reports Database.	Quarterly	08/04/2021	08/04/2021	08/04/2021	08/03/2021
WW USGS - USGS Water Wells	U.S. Geological Survey	This dataset contains groundwater well records from the U.S. Geological Survey.	Semi-annually	07/27/2021	07/27/2021	07/28/2021	07/27/2021

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Disclaimer

The Banks Environmental Data Water Well Report was prepared from existing state water well databases and/or additional file data/records research conducted at the state agency and the U.S. Geological Survey. Banks Environmental Data has performed a thorough and diligent search of all groundwater well information provided and recorded. All mapped locations are based on information obtained from the source. Although Banks performs quality assurance and quality control on all research projects, we recognize that any inaccuracies of the records and mapped well locations could possibly be traced to the appropriate regulatory authority or the actual driller. It may be possible that some water well schedules and logs have never been submitted to the regulatory authority by the water driller and, thus, may explain the possible unaccountability of privately drilled wells. It is uncertain if the above listing provides 100% of the existing wells within the area of review. Therefore, Banks Environmental Data cannot fully guarantee the accuracy of the data or well location(s) of those maps and records maintained by the regulatory authorities.

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Appendix Q

Appendix Q

The name and address of each retail public utility, as defined in section 13.002 of the Texas Water Code that owns or operates a groundwater supply well within five miles of the boundary of the designated property.

The following retail public utilities operate a least one groundwater supply well within five miles of the subject property:

Current Owner	Address	City	State	Zip
City of Houston	PO Box 1562	Houston	TX	77251
Memorial Villages Water Authority	8955 Gaylord Dr	Houston	TX	77024
City of Spring Valley Village	1025 Campbell Rd	Houston	TX	77055
City of West University Place	3800 University Blvd	West University Place	TX	77005

The above-mentioned entities will be provided notice as required by section 361.002 of the Texas Health and Safety Code approximately 30 days prior to the public meeting.

The Public Water System Report attached to this section includes summary maps and tables of the water well search.

Prepared for:

MECX, INC -HOUSTON
8864 Interchange Drive
Houston, TX 77054

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Public Water System Report

1501 Seamist Drive

Houston, TX

Harris County

PO #: 1567.002C

ES-137683

Tuesday, October 5, 2021

Table of Contents

Geographic Summary	**3**
Maps	
Summary Map - 5 Mile Buffer	**4**
Topographic Overlay Map - 5 Mile Buffer	**5**
Current Imagery Overlay Map - 5 Mile Buffer	**6**
Water Well Details	**8**
Database Definitions and Sources	**12**
Disclaimer	**13**

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Geographic Summary

Location
Harris County, TX
Target location is 0.025 square miles and has a 0.68 mile perimeter

Coordinates	
Longitude & Latitude in Degrees Minutes Seconds	NA
Longitude & Latitude in Decimal Degrees	NA
X and Y in UTM	NA

Elevation
NA

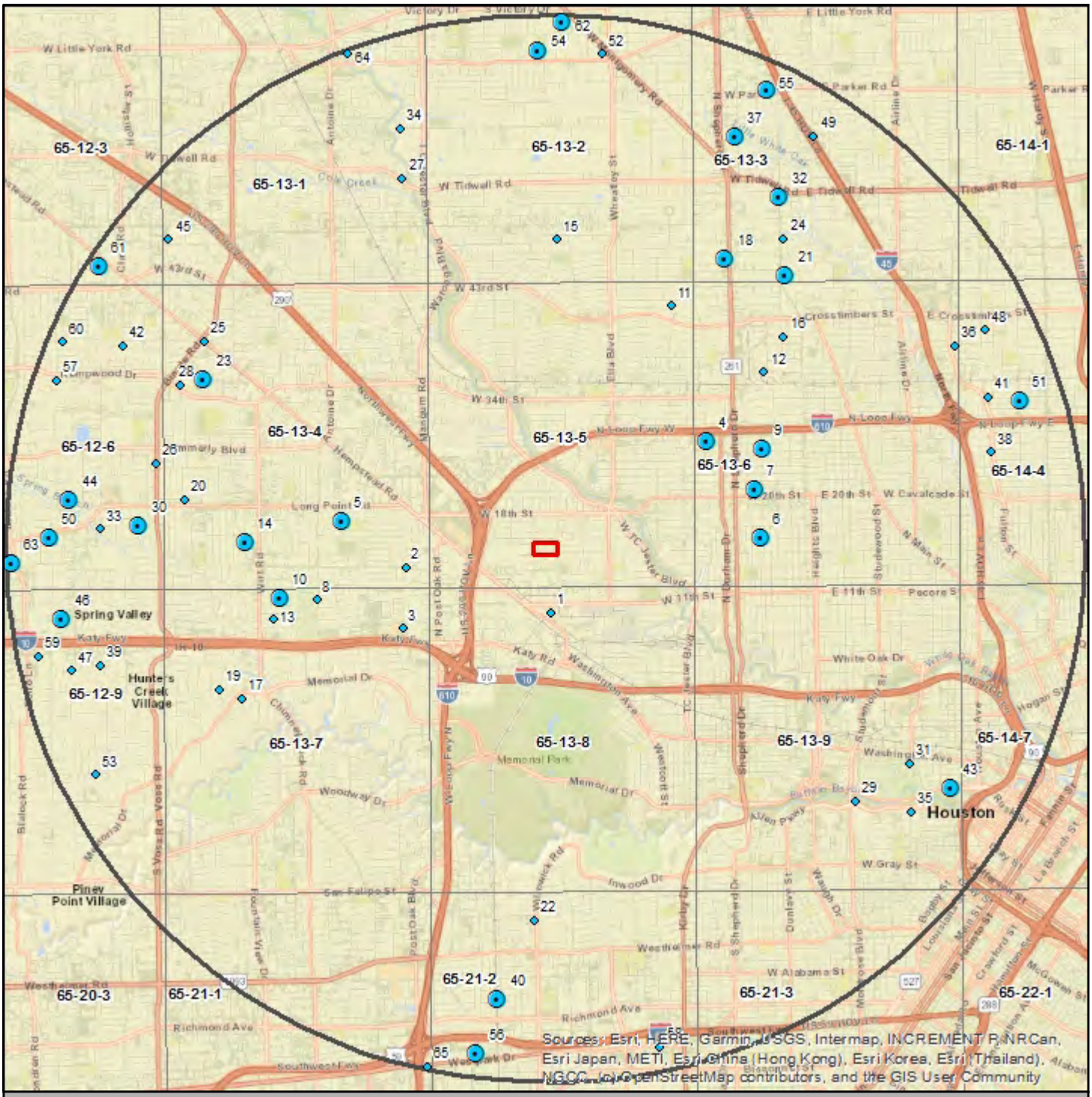
Zip Codes Searched	
Search Distance	**Zip Codes (historical zip codes included)**
Target Property	77008
5 miles	77401, 77046, 77024, 77057, 77027, 77063, 77092, 77008, 77018, 77055, 77056, 77006, 77002, 77201, 77041, 77019, 77005, 77088, 77091, 77076, 77007, 77201, 77081, 77040, 77022, 77009, 77098, 77080

Topos Searched	
Search Distance	**Topo Name**
Target Property	Houston Heights (1983)
5 miles	Settegast (1983), Park Place (1983), Hedwig Village (1982), Alief (1983), Houston Heights (1983), Bellaire (1983)

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Summary Map - 5 Mile Buffer

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP



1501 Seamist Drive

- Well
- Well Cluster
- Target Property
- Search Buffer
- Texas Quad Index

1 : 87,000
1 inch = 1.373 miles
1 inch = 7250 feet
1 centimeter = 0.870 kilometers
1 centimeter = 870 meters

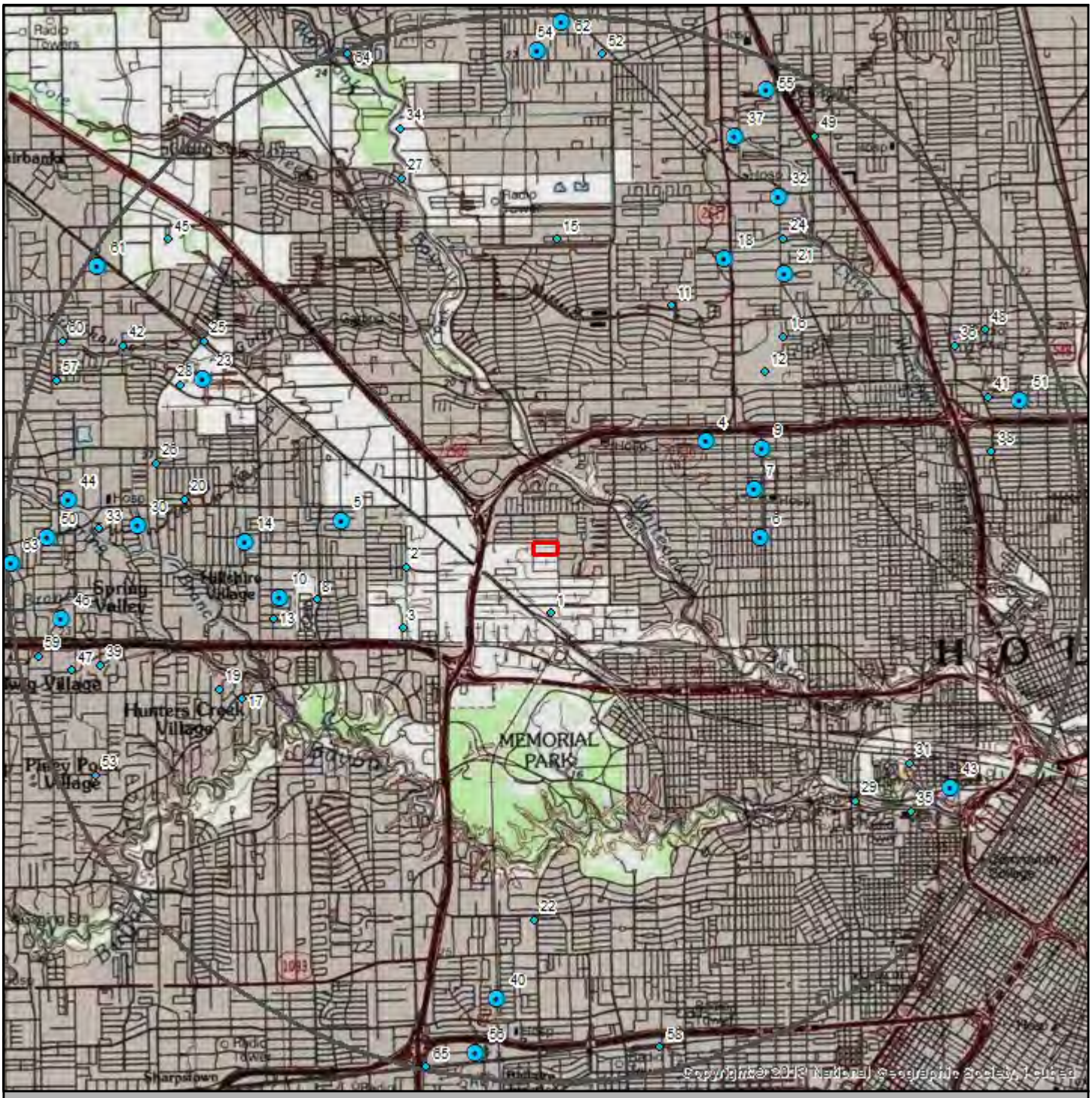
N

Lambert Conformal Conic Projection
1983 North American Datum
First Standard Parallel: 33 0' 00" North
Second Standard Parallel: 45 0' 00" North
Central Meridian: 96 0' 00" West
Latitude of Origin: 39 0' 00" North

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Topographic Overlay Map - 5 Mile Buffer

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP



1501 Seamist Drive

Well

Well Cluster

Target Property

Search Buffer

Target Property Quad Name(s)
Houston Heights (1983)

1 : 87,000
1 inch = 1.373 miles
1 inch = 7250 feet

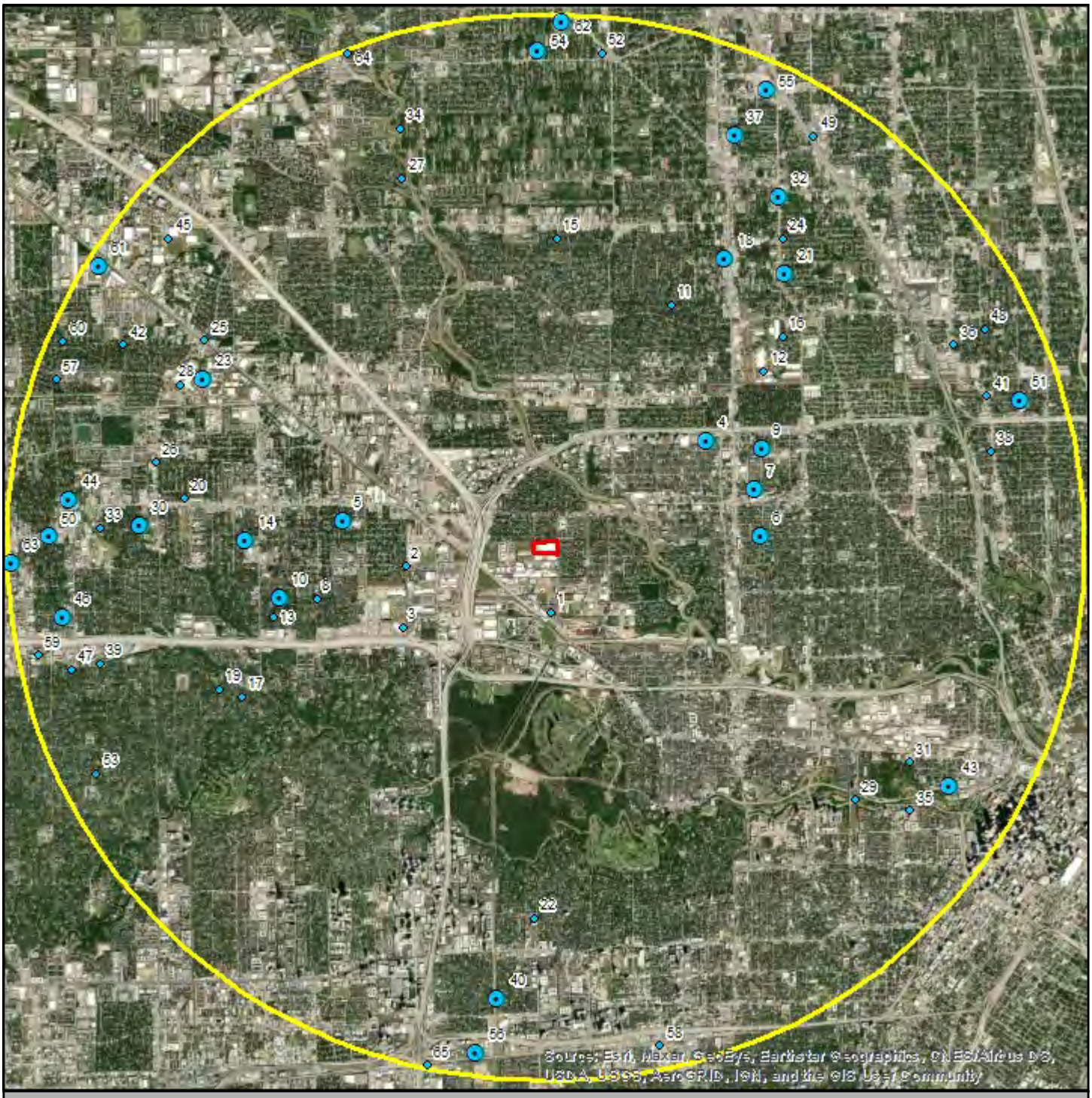
Lambert Conformal Conic Projection
1983 North American Datum
First Standard Parallel: 33 0' 00" North
Second Standard Parallel: 45 0' 00" North
Central Meridian: 96 0' 00" West
Latitude of Origin: 39 0' 00" North

N

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Current Imagery Overlay Map - 5 Mile Buffer

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP



1501 Seamist Drive

Well

Well Cluster

Target Property

Search Buffer

1 : 87,000

1 inch = 1.373 miles
1 inch = 7250 feet
1 centimeter = 0.870 kilometers
1 centimeter = 870 meters

N

Lambert Conformal Conic Projection
1983 North American Datum
First Standard Parallel: 33 0' 00" North
Second Standard Parallel: 45 0' 00" North
Central Meridian: 98 0' 00" West
Latitude of Origin: 39 0' 00" North

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Water District Boundaries - 5 Mile Buffer

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

1501 Seamist Drive

Harris County MUD 537

Target Property

5 Mile Buffer

1:87,000

Lambert Conformal Conic Projection
1983 North American Datum
First Standard Parallel: 33 0' 00" North
Second Standard Parallel: 45 0' 00" North
Central Meridian: 96 0' 00" West
Latitude of Origin: 39 0' 00"

N

Source: TCEQ

Water Well Details

Map ID	State ID	CCN	PWS Name	System Status	Source Status	Depth	Longitude	Latitude
1	G1011180A		EFCO & CO	INACTIVE	FORMER PWS WELL	324	-95.43911281	29.78800877
2	G1010013QJ	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	598	-95.46189441	29.79439867
3	G1010937A		WYMAN GORDON FORGINGS SILBER RD	INACTIVE	FORMER PWS WELL	1568	-95.46244449	29.78606593
4	G1010013LV	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	925	-95.41439292	29.81134293
4	G1010013LW	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1100	-95.41439292	29.81134293
4	G1010013LX	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	400	-95.41439292	29.81134293
5	G1010013OK	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	590	-95.47161463	29.80078852
5	G1010013OL	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	710	-95.47161463	29.80078852
6	G1010013Q	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1465	-95.40593601	29.7982342
6	G1010013GY	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	561	-95.40689282	29.79745433
7	G1010013GZ	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1253	-95.40466471	29.80301014
7	G1010013GU	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1270	-95.40577874	29.80301015
7	G1010013GV	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1470	-95.40577874	29.80301015
7	G1010013GW	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1858	-95.4046647	29.80384312
7	G1010013HE	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1730	-95.40577874	29.80384312
7	G1010013X	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1844	-95.40682101	29.8046882
8	G1010013BS	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1665	-95.47589803	29.7899942
9	G1010013GX	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1232	-95.40577869	29.80995393
9	G1010013P	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1231	-95.40577601	29.81029421
10	G1010013TA	P1552	CITY OF HOUSTON	ACTIVE	ABANDONED	421	-95.48154303	29.7902402
10	G1010013TB	P1552	CITY OF HOUSTON	ACTIVE	ABANDONED	465	-95.48151303	29.7897782
11	G1010013LY	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1100	-95.41994693	29.82995238
12	G1010013HA	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1730	-95.40550459	29.82078559
13	G1010013SZ	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	0	-95.48272405	29.78745398
14	G1010013ME	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	468	-95.48550105	29.79773267
14	G1010013MF	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	281	-95.48688909	29.79800967
15	G1010013KO	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	0	-95.43799838	29.83911918
16	G1010013R	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1880	-95.40241901	29.82557421
17	G1010013NQ	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	600	-95.48772927	29.77662134
18	G1012714A		TROPICAL MOTEL	INACTIVE	PUBLIC WATER SYSTEM: DELETED	0	-95.41133264	29.83606315
18	G1012714B		TROPICAL MOTEL	INACTIVE	PLUGGED	0	-95.41133263	29.83634214

Water Well Details

Map ID	State ID	CCN	PWS Name	System Status	Source Status	Depth	Longitude	Latitude
19	G1010148F	P0351	MEMORIAL VILLAGES WATER AUTHORITY	ACTIVE	OPERATIONAL	1526	-95.49134004	29.7777702
20	G1010013OS	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	990	-95.49661732	29.80384354
21	G1010013S	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1300	-95.40093901	29.83367021
21	G1010013HB	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1780	-95.40188738	29.83412016
22	G1012723A		WILLOWICK CONDOMINIUM ASSOCIATION THE	INACTIVE	FORMER PWS WELL	464	-95.44217221	29.74606608
23	G1010013NL	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	0	-95.49362104	29.82055921
23	G1010013NN	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	0	-95.49333804	29.82028321
24	G1010013T	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1772	-95.40230702	29.83898221
25	G1010013NK	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	862	-95.49328307	29.82550885
26	G1010013OT	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	982	-95.50105741	29.8088424
27	G1010013DF	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1120	-95.46211203	29.84754121
28	G1010013NM	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	862	-95.49722904	29.8194492
29	G1010013O	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1645	-95.39159301	29.7620072
30	G1010013QD	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	542	-95.50356055	29.80023168
30	G1010013QE	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	717	-95.50356055	29.80023168
31	G1010013M	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1920	-95.38306501	29.7670882
32	G1010013OE	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	0	-95.40250302	29.84472721
32	G1010013OF	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	0	-95.40278502	29.84472721
32	G1010013U	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1555	-95.40214402	29.84684621
33	G1012460A		SPRING BRANCH HEALTH CARE CENTER	INACTIVE	PUBLIC WATER SYSTEM: INACTIVE	610	-95.50989604	29.7998632
34	G1010013JG	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1095	-95.46244396	29.85439682
35	G1010013L	P1552	CITY OF HOUSTON	ACTIVE	ABANDONED	1980	-95.38299744	29.76051137
36	G1013079A		FULTON CABINS	INACTIVE	FORMER PWS WELL	0	-95.37564171	29.82423035
37	G1012436B		REDDY ICE - HOUSTON	INACTIVE	PLUGGED	0	-95.41050148	29.85300762
37	G1012436C		REDDY ICE - HOUSTON	INACTIVE	PLUGGED	0	-95.41050148	29.85300762
37	G1012436A		REDDY ICE - HOUSTON	INACTIVE	PUBLIC WATER SYSTEM: INACTIVE	560	-95.40963602	29.85310121
38	G1010013GD	P1552	CITY OF HOUSTON	ACTIVE	NON-DRINKING WATER	800	-95.36994267	29.80967578
39	G1010148A	P0351	MEMORIAL VILLAGES WATER AUTHORITY	ACTIVE	OPERATIONAL	1570	-95.50990204	29.7812662
40	G1010013JN	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	0	-95.44772741	29.73523444
40	G1010013JO	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	0	-95.44772741	29.73523444
41	G1010013GE	P1552	CITY OF HOUSTON	ACTIVE	NON-DRINKING WATER	1152	-95.37049962	29.81717555
42	G1010013JV	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	0	-95.50606244	29.82495392

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Water Well Details

Map ID	State ID	CCN	PWS Name	System Status	Source Status	Depth	Longitude	Latitude
43	G1010013GM	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1540	-95.37661123	29.76384323
43	G1010013GN	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1456	-95.37967032	29.76356726
43	G1010013GO	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1320	-95.37744327	29.76162131
43	G1010013GP	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	953	-95.37800027	29.76356725
43	G1010013GQ	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	2025	-95.37605423	29.76245527
43	G1010013N	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1990	-95.37744801	29.7626352
44	G1010013PR	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	0	-95.51717091	29.80356563
44	G1010013PS	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	624	-95.51717091	29.80356563
44	G1010013PQ	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	0	-95.51717091	29.80356563
44	G1010013PP	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	0	-95.51449383	29.80382961
45	G1011346A		OYOG OPERATIONS	INACTIVE	PLUGGED	1000	-95.49883204	29.83939321
46	G1010214A	P0523	CITY OF SPRING VALLEY VILLAGE	ACTIVE	PLUGGED	650	-95.51567704	29.7876502
46	G1010214B	P0523	CITY OF SPRING VALLEY VILLAGE	ACTIVE	OPERATIONAL	1200	-95.51566004	29.7876362
47	G1010148B	P0351	MEMORIAL VILLAGES WATER AUTHORITY	ACTIVE	PLUGGED	1570	-95.514394	29.78051034
48	G1010013OH	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	753	-95.37077455	29.82634126
49	G1010013HC	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1827	-95.3974471	29.85300756
50	G1010013OX	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	0	-95.51877298	29.80053573
50	G1010484A		BIG BEND APARTMENTS INC	INACTIVE	PUBLIC WATER SYSTEM: INACTIVE	415	-95.51772796	29.79884278
51	G1010013OG	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	220	-95.36689052	29.81689854
51	G1010013GB	P1552	CITY OF HOUSTON	ACTIVE	NON-DRINKING WATER	856	-95.36521947	29.81662054
51	G1010013GC	P1552	CITY OF HOUSTON	ACTIVE	NON-DRINKING WATER	853	-95.36521947	29.81662054
52	G1010013A	P1552	CITY OF HOUSTON	ACTIVE	OPERATIONAL	1507	-95.43058702	29.86441922
53	G1010148E	P0351	MEMORIAL VILLAGES WATER AUTHORITY	ACTIVE	OPERATIONAL	1620	-95.51066504	29.76624219
54	G1010836A		ALDINE ISD DREW MIDDLE SCHOOL	INACTIVE	PLUGGED	522	-95.44050125	29.86495139
54	G1013244A		HIGHLAND VILLAGE APARTMENT	INACTIVE	FORMER PWS WELL	438	-95.43982403	29.86313322
55	G1010013V	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1675	-95.40399802	29.85845422
55	G1010013W	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	650	-95.40466426	29.85939739
55	G1010013HD	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	2320	-95.40466426	29.85939739
56	G1010013BI	P1552	CITY OF HOUSTON	ACTIVE	OPERATIONAL	900	-95.45114002	29.72784519
56	G1010013BJ	P1552	CITY OF HOUSTON	ACTIVE	OPERATIONAL	1905	-95.45117802	29.73051519
57	G1010013BR	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1540	-95.51661378	29.82023111
58	G1010027C	P0525	CITY OF WEST UNIVERSITY PLACE	ACTIVE	OPERATIONAL	1298	-95.42249502	29.72855719
59	G1010148C	P0351	MEMORIAL VILLAGES WATER AUTHORITY	ACTIVE	OPERATIONAL	1235	-95.51961404	29.7825192

Water Well Details

Map ID	State ID	CCN	PWS Name	System Status	Source Status	Depth	Longitude	Latitude
60	G1010013JW	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	0	-95.51550071	29.82550895
61	G1011167B		SANDVIK ROCK TOOL INC	INACTIVE	PUBLIC WATER SYSTEM: DELETED	579	-95.50967146	29.8357876
61	G1011167A		SANDVIK ROCK TOOL INC	INACTIVE	PUBLIC WATER SYSTEM: DELETED	740	-95.50994547	29.83523062
62	G1010013B	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	890	-95.43777403	29.86740622
62	G1010013C	P1552	CITY OF HOUSTON	ACTIVE	OPERATIONAL	565	-95.43763603	29.86750922
62	G1010013SE	P1552	CITY OF HOUSTON	ACTIVE	OPERATIONAL	1635	-95.43796503	29.86759322
62	G1010013QQ	P1552	CITY OF HOUSTON	ACTIVE	OPERATIONAL	1075	-95.43663703	29.86884622
63	G1012459A		THE VILLAGE HEALTHCARE CENTER	INACTIVE	PLUGGED	592	-95.52368804	29.7936642
63	G1012459B		THE VILLAGE HEALTHCARE CENTER	INACTIVE	PLUGGED	580	-95.52355715	29.79523292
63	G1012459C		THE VILLAGE HEALTHCARE CENTER	INACTIVE	PUBLIC WATER SYSTEM: INACTIVE	600	-95.52374104	29.7935962
64	G1010013JL	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	560	-95.47050012	29.86467454
65	G1010013BL	P1552	CITY OF HOUSTON	ACTIVE	PLUGGED	1592	-95.45911078	29.72606778

Well Summary

Water Well Dataset	# of Wells
TX TCEQ PWS	108
Total Count	**108**

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Dataset Descriptions and Sources

Dataset	Source	Dataset Description	Update Schedule	Data Requested	Data Obtained	Data Updated	Source Updated
TX TCEQ PWS - Texas TCEQ PWS	Texas Commission on Environmental Quality	This dataset contains a collection of records from Texas Water Districts, Public Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ.	Quarterly	08/20/2021	08/20/2021	08/24/2021	08/20/2021

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Disclaimer

Banks Environmental Data, Inc. has performed a thorough and diligent search of all public water supply systems recorded with Texas Commission on Environmental Quality (TCEQ) Safe Drinking Water Information System (SDWIS). Actual site locations are derived from TCEQ Texas Drinking Water Watch digital data. Although Banks performs quality assurance and quality control on all research, we recognize that any inaccuracies of the records and mapped locations could be traced to TCEQ.

Description of CCN (Certificate of Convenience and Necessity)

A Certificate of Convenience and Necessity (CCN) is issued by the Public Utility Commission (PUC) of Texas, and authorizes a utility to provide water and/or sewer service to a specific area. CCNs are required of investor owned utilities and water supply corporations. The CCN obligates the water or sewer retail public utility to provide continuous and adequate service to every customer who requests service in that area.

Banks Environmental Data, Inc. - 1601 Rio Grande, Ste. 331 - Austin, TX 78701 - 800.531.5255 P - 512.478.1433 F
www.banksenvdata.com

Appendix R

Appendix R

A listing of each municipality, other than the city of Houston, with a corporate limit within one-half mile of the boundary of the designated property.

No other municipalities have a corporate limit within one-half mile of the boundary of the designated property. The MSD Municipal Report attached to this section shows maps of the municipality borders within a one-half mile and 5-mile radius of the Site.

Prepared for:

MECX, INC -HOUSTON
8864 Interchange Drive
Houston, TX 77054

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

MSD Municipal Report

1501 Seamist Drive

Houston, TX

Harris County

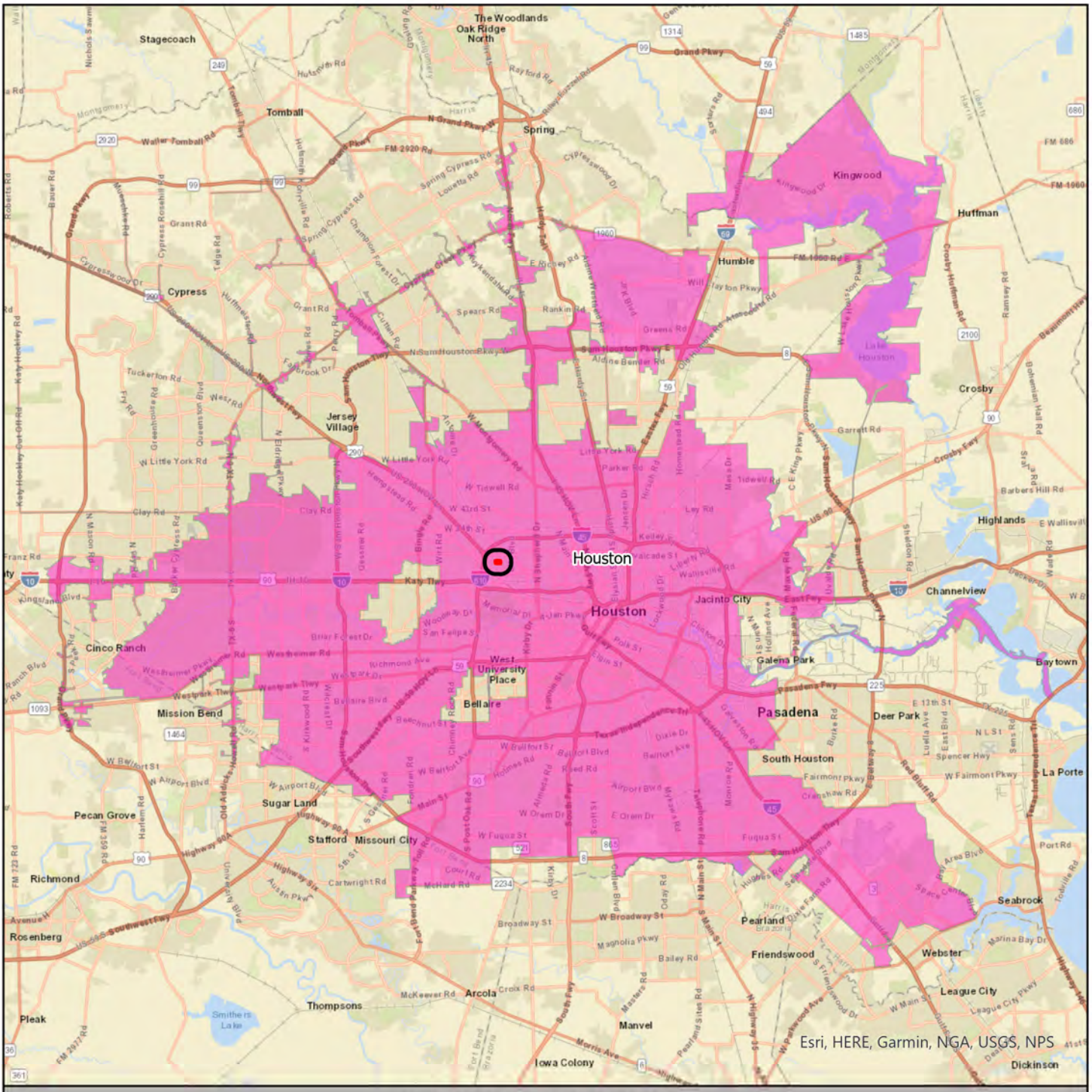
PO #: 1567.002C

ES-137683

Wednesday, October 6, 2021

Municipal Boundaries

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP



1501 Seamist Drive

Target Property

Half Mile Buffer

Houston

1:425,000

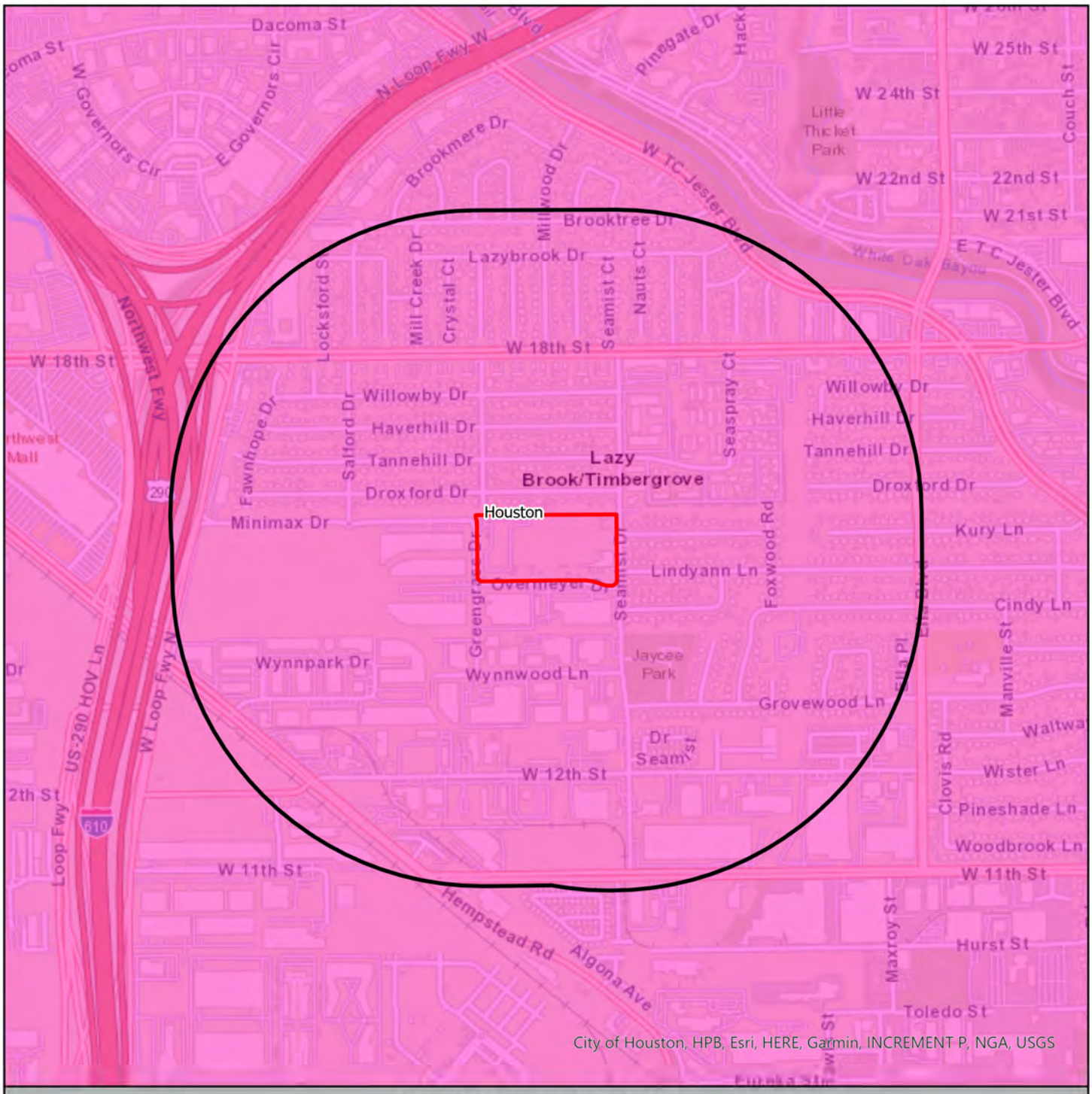
Lambert Conformal Conic Projection
1983 North American Datum
First Standard Parallel: 33 0' 00" North
Second Standard Parallel: 45 0' 00" North
Central Meridian: 96 0' 00" West
Latitude of Origin: 39 0' 00"

N

Source: U.S. Census

Municipal Boundaries - 0.5 Mile Buffer

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP



1501 Seamist Drive

Houston

Target Property

Half Mile Buffer

Source: U.S. Census

1:15,000

Lambert Conformal Conic Projection
1983 North American Datum
First Standard Parallel: 33 0' 00" North
Second Standard Parallel: 45 0' 00" North
Central Meridian: 96 0' 00" West
Latitude of Origin: 39 0' 00"

N

Appendix S

Appendix S

A listing of each municipality, other than the city of Houston, that owns or operates a groundwater supply well within five miles of the boundary of the designated property.

The following retail public utilities operate a least one groundwater supply well within five miles of the subject property:

Current Owner	Address	City	State	Zip
City of Houston	PO Box 1562	Houston	TX	77251
Memorial Villages Water Authority	8955 Gaylord Dr	Houston	TX	77024
City of Spring Valley Village	1025 Campbell Rd	Houston	TX	77055
City of West University Place	3800 University Blvd	West University Place	TX	77005

The above-mentioned entities will be provided notice as required by section 361.002 of the Texas Health and Safety Code approximately 30 days prior to the public meeting.

The Public Water System Report attached to Appendix Q includes summary maps and tables of the water well search.

Appendix T

Appendix T

A listing of owners of real property within 2,500 ft. of the boundary of the designated property as indicated by the most recent appraisal district records. Please Note: This requirement may include real property outside the City of Houston. Be sure to include ALL properties in the 2,500 ft. boundary. (An accompanying electronic excel file with mailing information should be included with your application.)

Table T includes a listing of real property owners per HCAD within 2,500 feet of the designated property boundary. This list is also included on the CD as part of Appendix Y.

Super Neighborhood:

- Greater Heights

Civic Groups:

- Clark Pines Civic Association, Inc.
- Heights Progressive Civic Club
- Heights West Homeowner's Group
- Houston Heights Association
- Shady Acres Civics Club

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0440670000003	SOUTHERN PACIFIC RAILROAD COMPANY UNION PACIFIC RAILROAD CO	1400 DOUGLAS ST STOP 1640	OMAHA	NE	68179-1001
0440810000060	SULLIVAN BROTHERS BUILDERS LTD	PO BOX 17017	GALVESTON	TX	77552-7017
0440810000070	ARONSON JOEL DAVID	8770 HEMPSTEAD RD	HOUSTON	TX	77008-6016
0440810000094	SULLIVAN BROTHERS BUILDERS LTD	PO BOX 17017	GALVESTON	TX	77552-7017
0440810000095	ENGINEERS AND FABRICATORS CO	0 EUREKA	HOUSTON	TX	77008
0440820000015	CENTERPOINT ENERGY HOU ELE	PROPERTY TAX DEPT 38TH FLR PO BOX 1475	HOUSTON	TX	77251-1475
0440820000017	WESTERN B SOUTH TX LLC C/O WESTERN LOGISTICS LLC	PO BOX A3879	CHICAGO	IL	60690-3879
0440820000118	BEESON SIROTA JV	1020 W LOOP NORTH STE 200	HOUSTON	TX	77055-7256
0440820000122	PRP 3200 W11TH LLC	3737 BUFFALO SPEEDWAY STE 1100	HOUSTON	TX	77098-3740
0440820000124	ZENECA INC	1800 CONCORD PIKE	WILMINGTON	DE	19897-0001
0440820000132	CENTERPOINT ENERGY HOU ELE PROPERTY TAX DEPT 38TH FLR	PO BOX 1475	HOUSTON	TX	77251-1475
0440820000150	CENTERPOINT ENERGY HOU ELE PROPERTY TAX DEPT 38TH FLR	PO BOX 1475	HOUSTON	TX	77251-1475
0440820000361	ELLA W 12TH LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
0440820000392	2012 PLACE LLC	PO BOX 741109	HOUSTON	TX	77274-1109
0440820000393	NEELY DORIS J	615 E 5TH ST	HOUSTON	TX	77007-2614
0440820000425	CENTERPOINT ENERGY HOU ELE	PROPERTY TAX DEPT 38TH FLR PO BOX 1475	HOUSTON	TX	77251-1475
0440820000429	WEST 11TH ST LLC	3355 W 11TH ST	HOUSTON	TX	77008-6109
0440820000430	WEST 11TH ST LLC	3355 W 11TH ST	HOUSTON	TX	77008-6109
0440820000460	PRGIF 3480 W11TH LLC	3737 BUFFALO SPEEDWAY STE 1100	HOUSTON	TX	77098-3740
0440820000461	PRGIF 3316 WEST 11TH STREET LLC C/O PRGIF AQUISITIONS LLC	3737 BUFFALO SPEEDWAY STE 1100	HOUSTON	TX	77098-3740
0440820000475	UNION PACIFIC RAILROAD COMPANY UNION PACIFIC RAILROAD CO	1400 DOUGLAS ST STOP 1640	OMAHA	NE	68179-1001
0440820000476	11 WEST PARTNERS LLC	3620 W 11TH ST	HOUSTON	TX	77008-6004
0440820000548	DAVWA PROPERTIES INC	3650 W 11TH ST	HOUSTON	TX	77008-6004
0440820000610	SOUTHERN PACIFIC RAILROAD COMPANY UNION PACIFIC RAILROAD CO	1400 DOUGLAS ST STOP 1640	OMAHA	NE	68179-1001
0440820000650	SOUTHERN PACIFIC RAILROAD COMPANY UNION PACIFIC RAILROAD CO	1400 DOUGLAS ST STOP 1640	OMAHA	NE	68179-1001
0440820000660	FUSA PROPERTY HOLDINGS LLC	14527 SMITH RD	HUMBLE	TX	77396-2748
0440820000727	CURRENT OWNER	6523 GROVEWOOD LN	HOUSTON	TX	77008-5120
0440820000771	XU SANDY	8810 BLACK CHERRY XING	KATY	TX	77494-0474
0440820010001	CENTERPOINT ENERGY HOU ELE	PROPERTY TAX DEPT 38TH FLR PO BOX 1475	HOUSTON	TX	77251-1475
0440820010005	CENTERPOINT ENERGY HOU ELE	PROPERTY TAX DEPT 38TH FLR PO BOX 1475	HOUSTON	TX	77251-1475
0440820010010	CENTERPOINT ENERGY HOU ELE	PROPERTY TAX DEPT 38TH FLR PO BOX 1475	HOUSTON	TX	77251-1475
0440820010015	CENTERPOINT ENERGY HOU ELE	PROPERTY TAX DEPT 38TH FLR PO BOX 1475	HOUSTON	TX	77251-1475
0440820030005	BEESON JOHN S TRUSTEE	1020 WEST LOOP N STE 200	HOUSTON	TX	77055-7256
0440820030007	SUPERIOR INVESTMENTS LLC	3636 W 12TH ST	HOUSTON	TX	77008-6008
0440820030010	FUSA PROPERTY HOLDINGS LLC	14527 SMITH RD	HUMBLE	TX	77396-2748
0440820030014	A & H PROPERTIES	3551 PLANO PKWY STE 210	THE COLONY	TX	75056-7600
0440820030015	CURRENT OWNER	1415 LOUISIANA ST STE 3000	HOUSTON	TX	77002-7351
0440820030020	HOUSTON GRINDING & MFG	3544 W 12TH ST	HOUSTON	TX	77008-6006
0440820030021	CURRENT OWNER	1415 LOUISIANA ST STE 3000	HOUSTON	TX	77002-7351
0440820030030	SY EDWIN CHAN	1215 SEAMIST DR	HOUSTON	TX	77008-6145
0440820030040	RHONE TX INTERMODEL LTD	4808 GIBSON ST	HOUSTON	TX	77007-5480
0440820030045	CENTERPOINT ENERGY HOU ELE	PROPERTY TAX DEPT 38TH FLR PO BOX 1475	HOUSTON	TX	77251-1475
0440820030050	BEESON SIROTA JV	1020 W LOOP NORTH STE 200	HOUSTON	TX	77055-7256
0440820030055	LANDLOT LLC	2118 LAMAR ST STE 105	HOUSTON	TX	77003-3521
0440820030056	3602 INTERESTS LTD	3602 W 12TH ST	HOUSTON	TX	77008-6008
0440820030060	LANDLOT LLC	2118 LAMAR ST STE 105	HOUSTON	TX	77003-3521
0440820030061	HOUSTON GRINDING & MFG	3544 W 12TH ST	HOUSTON	TX	77008-6006

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0440820030065	3550 WEST 12TH STREET LLC	3550 W 12TH ST	HOUSTON	TX	77008-6006
0440820030075	8850 HEMPSTEAD LLC % CAYNE LABURE	8850 HEMPSTEAD RD	HOUSTON	TX	77008-6018
0440820030101	LANDLOT LLC	2118 LAMAR ST STE 105	HOUSTON	TX	77003-3521
0440820030107	BULLEN PROPERTIES LLC	POWDER HILL RD	LINCOLN	RI	02865-
0440820030108	HOUSTON GRINDING & MANUFACTURING CO	3544 W 12TH ST	HOUSTON	TX	77008-6006
0440820030110	MASSOUD ALBERT & ELIE	PO BOX 2704	HOUSTON	TX	77252-2704
0440820030115	MASSOUD ALBERT & ELIE	PO BOX 2704	HOUSTON	TX	77252-2704
0440820030119	3315 W 12TH LLC	3315 W 12TH ST	HOUSTON	TX	77008-6121
0440820030121	HERZSTEIN A	6131 WESTVIEW DR	HOUSTON	TX	77055-5421
0440820030122	WWN INVESTMENTS II LP	3303 W 12TH ST	HOUSTON	TX	77008-6121
0440820030130	HOUSTON GRINDING & MFG CO	3544 W 12TH ST	HOUSTON	TX	77008-6006
0440820030135	ELLA W 12TH LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
0440820030139	SOUTHERN PACIFIC RAILROAD COMPANY UNION PACIFIC RAILROAD CO	1400 DOUGLAS ST STOP 1640	OMAHA	NE	68179-1001
0440820030141	MISSOURI PACIFIC RAILROAD COMPANY UNION PACIFIC RAILROAD CO	1400 DOUGLAS ST STOP 1640	OMAHA	NE	68179-1001
0440820030142	MISSOURI PACIFIC RAILROAD COMPANY UNION PACIFIC RAILROAD CO	1400 DOUGLAS ST STOP 1640	OMAHA	NE	68179-1001
0440820030527	BULLEN PROPERTIES LLC	POWDER HILL RD	LINCOLN	RI	02865-
0440820030529	RHONE TX INTERMODEL LTD	4808 GIBSON ST	HOUSTON	TX	77007-5480
0440820030531	CUL RAY LTD	3511 W 12TH ST	HOUSTON	TX	77008-6005
0440820030533	FUSA PROPERTY HOLDINGS LLC	14527 SMITH RD	HUMBLE	TX	77396-2748
0440820500126	MISSOURI PACIFIC RAILROAD COMPANY UNION PACIFIC RAILROAD CO	1400 DOUGLAS ST STOP 1640	OMAHA	NE	68179-1001
0440840000002	HARRIS COUNTY FLOOD CONTROL DISTRICT	9900 NORTHWEST FWY	HOUSTON	TX	77092-8601
0440840000045	CENTERPOINT ENERGY HOU ELE	PROPERTY TAX DEPT 38TH FLR PO BOX 1475	HOUSTON	TX	77251-1475
0440840000066	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
0440840000077	GROVE HEIGHTS LLC	PO BOX 887	STAFFORD	TX	77497-0887
0440840000079	JAKLL HOLDINGS LLC	1710 SEAMIST DR	HOUSTON	TX	77008-3119
0440840000080	AREL HOUSTON II LLC	540 MADISON AVE FL 26	NEW YORK	NY	10022-3241
0440840000082	REDDY ASHOK & GITA	2398 BAYCREST DR	HOUSTON	TX	77058-3702
0440840000084	NFD PROPERTIES LLC	2418 BROOKMERE DR	HOUSTON	TX	77008-1141
0440840000085	CENTERPOINT ENERGY HOU ELE	PROPERTY TAX DEPT 38TH FLR PO BOX 1475	HOUSTON	TX	77251-1475
0440840000086	DAVIS BROTHERS	1221 MCKINNEY ST STE 3100	HOUSTON	TX	77010-2009
0440840000090	HARRIS COUNTY FLOOD CONTROL DISTRICT	9900 NORTHWEST FWY	HOUSTON	TX	77092-8601
0440840000123	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
0440840000341	DAVIS BROTHERS	1221 MCKINNEY ST STE 3100	HOUSTON	TX	77010-2009
0440840000344	WEY OLUWATOYIN	2230 SHERIDAN ST	HOUSTON	TX	77030-2016
0440840000346	DAVIS BROTHERS	1221 MCKINNEY ST STE 3100	HOUSTON	TX	77010-2009
0440840000397	PAPPAS JUSTIN M	2222 DROXFORD DR	HOUSTON	TX	77008-3011
0440840000398	SALVAGGIO TONY	2218 DROXFORD DR	HOUSTON	TX	77008-3011
0440840000404	GONZALEZ SAUL R	2410 DEL NORTE	HOUSTON	TX	77018-1021
0440840000405	BARNARD KEVIN & TERESA	1603 FAWNHOPE DR	HOUSTON	TX	77008-3022
0440840000406	ROBBEN DIANNE & RICHARD	2310 DROXFORD DR	HOUSTON	TX	77008-3013
0440840000408	CHAFFEE RANDALL	2506 DROXFORD DR	HOUSTON	TX	77008-3017
0833700000001	MULLER-BALCH MICHELLE L	1803 MILL CREEK DR	HOUSTON	TX	77008-1129
0833700000002	YOUNG DELORES MARIE	1807 MILL CREEK DR	HOUSTON	TX	77008-1129
0833700000003	KING KEVIN R	162 FRELS ST	EL CAMPO	TX	77437-9598
0833700000004	BAILEY JEFFERY	1305 ASHLAND ST	HOUSTON	TX	77008-4101
0833700000005	TINKHAM JEFFREY GRESHAM & KRISTEN AXTMAN	1819 MILL CREEK DR	HOUSTON	TX	77008-1129
0833700000006	FREEMAN KENNETH J	1803 CRYSTAL CT	HOUSTON	TX	77008-1115

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0833710000001	STALLONES JIMMIE M JR	1831 MILL CREEK DR	HOUSTON	TX	77008-1197
0833710000002	MCMANN DOUGLAS C	1835 MILL CREEK DR	HOUSTON	TX	77008-1197
0833710000003	SANCHEZ MIGUEL & NORMA	1839 MILL CREEK DR	HOUSTON	TX	77008-1197
0833710000004	WASSON MIRIAM I MIRIAM INEZ WASSON TRUST	1843 MILL CREEK DR	HOUSTON	TX	77008-1197
0833710000005	WHITE SHELLEY J	1847 MILL CREEK DR	HOUSTON	TX	77008-1197
0833720000001	ALFORD GLENDA GREGORY C/O COMERICA BANK	1802 MILL CREEK DR	HOUSTON	TX	77008-1130
0833720000002	TURNER CHARLES & ALISON	1806 MILL CREEK DR	HOUSTON	TX	77008-1130
0833720000003	BROUGHTON LARRY	1006 CURTIN ST	HOUSTON	TX	77018-3259
0833720000004	SAUCEDA BENJAMIN & SHANNON	1814 MILL CREEK DR	HOUSTON	TX	77008-1130
0833720000005	CURRENT OWNER	1818 MILL CREEK DR	HOUSTON	TX	77008-1130
0833720000006	KUBOSH PAUL A & RHONDA	4203 ASTWOOD CT	HOUSTON	TX	77068-1001
0833720000007	ROESKE JEFFREY A	1826 MILL CREEK DR	HOUSTON	TX	77008-1130
0833720000008	CORBELL JONATHAN RYAN	1830 MILL CREEK DR	HOUSTON	TX	77008-1130
0833720000009	ANDRIES KEVIN M	1834 MILL CREEK DR	HOUSTON	TX	77008-1130
0833720000010	NOWAK EDMUND F	1838 MILL CREEK DR	HOUSTON	TX	77008-1130
0833720000011	FREYTAG JENNIFER J	855 E 24TH ST	HOUSTON	TX	77009-1707
0833720000012	BURKETT PRESTON	2418 LAZYBROOK DR	HOUSTON	TX	77008-1196
0833720000013	LABROPULOS ATHANASSIO & JO	2414 LAZYBROOK DR	HOUSTON	TX	77008-1196
0833720000014	URDANETA NERIO	1839 CRYSTAL CT	HOUSTON	TX	77008-1115
0833720000015	BUSBY SUE ELLEN	1835 CRYSTAL CT	HOUSTON	TX	77008-1115
0833720000016	WEHRING LINDA F	1831 CRYSTAL CT	HOUSTON	TX	77008-1115
0833720000017	BERGIN CHRISTOPHER B	4410 SPENCER ST UNIT B	HOUSTON	TX	77007-3556
0833720000018	MICHALAK SHERYL R	1823 CRYSTAL CT	HOUSTON	TX	77008-1115
0833720000019	PATTON SHERYL R	2406 BROOK MILLS CT	KATY	TX	77494-5733
0833720000020	WILLIAMS GERALDINE P	1815 CRYSTAL CT	HOUSTON	TX	77008-1115
0833720000021	LITTLE MICHAEL L & A	1811 CRYSTAL CT	HOUSTON	TX	77008-1115
0833720000022	STOREY DOUGLAS WALTON & KAREN	1807 CRYSTAL CT	HOUSTON	TX	77008-1115
0833720000023	RUIZ ANAIS ANTONIO	1803 CRYSTAL CT	HOUSTON	TX	77008-1115
0833720000024	DIEHL ADAM N	1802 CRYSTAL CT	HOUSTON	TX	77008-1180
0833720000025	KOTERAS GILBERT L	1806 CRYSTAL CT	HOUSTON	TX	77008-1180
0833720000026	COSTA JANICE ANNE	1810 CRYSTAL CT	HOUSTON	TX	77008-1180
0833720000027	WISOFSKY KELLY L	1814 CRYSTAL CT	HOUSTON	TX	77008-1180
0833720000028	CAMMACK MELBA I	PO BOX 70919	HOUSTON	TX	77270-0919
0833720000029	BRAUN ROBERT J & LUCILLE J	1822 CRYSTAL CT	HOUSTON	TX	77008-1180
0833720000030	HESTER MITZI	1826 CRYSTAL CT	HOUSTON	TX	77008-1180
0833720000031	KAINER ANN M	1830 CRYSTAL CT	HOUSTON	TX	77008-1180
0833720000032	HINOJOSA ALBERTO L	1834 CRYSTAL CT	HOUSTON	TX	77008-1180
0833720000033	FRANCK SCOTT L	1838 CRYSTAL CT	HOUSTON	TX	77008-1180
0833720000034	CLARKE TRICIA L	2410 LAZYBROOK DR	HOUSTON	TX	77008-1128
0833720000035	WORRELL KEVIN	15739 WHITEWATER LN	HOUSTON	TX	77079-2544
0833720000036	CASEY GREGORY J & MARTHA J	2402 LAZYBROOK DR	HOUSTON	TX	77008-1128
0833720000037	KAMBOURELIS JASON	1839 GREENGRASS CT	HOUSTON	TX	77008-1120
0833720000038	KUBECZKA RAYMOND J	1835 GREENGRASS CT	HOUSTON	TX	77008-1120
0833720000039	ESCOBEDO NICK	1831 GREENGRASS CT	HOUSTON	TX	77008-1120
0833720000040	CATO PATRICIA	1827 GREENGRASS CT	HOUSTON	TX	77008-1120
0833720000041	EVANS JOSEPH F	1823 GREENGRASS CT	HOUSTON	TX	77008-1120
0833720000042	CURRENT OWNER	1819 GREENGRASS CT	HOUSTON	TX	77008-1120

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0833720000043	BURKS ANDREW C	1815 GREENGRASS CT	HOUSTON	TX	77008-1120
0833720000044	YARBROUGH STEVE	1811 GREENGRASS CT	HOUSTON	TX	77008-1120
0833720000045	CURRENT OWNER	1807 GREENGRASS CT	HOUSTON	TX	77008-1120
0833720000046	GRIFFIN HENRY & LAUREN	1803 GREENGRASS CT	HOUSTON	TX	77008-1120
0833720000047	MEDINA EMILIO & MELBA	1802 GREENGRASS CT	HOUSTON	TX	77008-1120
0833720000048	MARKOWSKI R G	1806 GREENGRASS CT	HOUSTON	TX	77008-1120
0833720000049	PHILLIPS ANGELA	1810 GREENGRASS CT	HOUSTON	TX	77008-1120
0833720000050	RODRIGUEZ LAURA P	1814 GREENGRASS CT	HOUSTON	TX	77008-1120
0833720000051	WILLIAMS SARAH E	1818 GREENGRASS CT	HOUSTON	TX	77008-1120
0833720000052	TRESCO RICHARD S & KIM O	1822 GREENGRASS CT	HOUSTON	TX	77008-1120
0833720000053	POU R W	1826 GREENGRASS CT	HOUSTON	TX	77008-1120
0833720000054	WHITLEY PERRY LANCE	1830 GREENGRASS CT	HOUSTON	TX	77008-1120
0833720000055	TRABUE HEATH J	1834 GREENGRASS CT	HOUSTON	TX	77008-1120
0833720000056	MARKOWSKI JEFFREY	1838 GREENGRASS CT	HOUSTON	TX	77008-1120
0833720000057	HARGRAVE GAIL L	2322 LAZYBROOK DR	HOUSTON	TX	77008-1195
0833720000058	SCHRODER ANN PARKER & MARC HANSEN	2318 LAZYBROOK DR	HOUSTON	TX	77008-1195
0833720000059	GOODNER ELIZABETH	2314 LAZYBROOK DR	HOUSTON	TX	77008-1195
0833720000060	NUGENT WENDY	1839 WILLOWMOSS CT	HOUSTON	TX	77008-1133
0833720000061	TUCKER MARY P	1835 WILLOWMOSS CT	HOUSTON	TX	77008-1133
0833720000062	PKMW LLC	2346 QUENBY	HOUSTON	TX	77005-1504
0833720000063	MOORE JAMES BROCK III	2102 SEAMIST CT	HOUSTON	TX	77008-1157
0833720000064	STRAUSS IRENE K	1823 WILLOWMOSS CT	HOUSTON	TX	77008-1133
0833720000065	HAERLE ANN L	1819 WILLOWMOSS CT	HOUSTON	TX	77008-1133
0833720000066	COOK SANDRA C	1815 WILLOWMOSS CT	HOUSTON	TX	77008-1133
0833720000067	WENDEL GEORGIE M	1811 WILLOWMOSS CT	HOUSTON	TX	77008-1133
0833720000068	GARCIA MARIA G	1807 WILLOWMOSS CT	HOUSTON	TX	77008-1133
0833720000069	LOEWENTHAL JOAN A	1803 WILLOWMOSS CT	HOUSTON	TX	77008-1133
0833720000070	MORTON MICHAEL D & MARY K	1802 WILLOWMOSS CT	HOUSTON	TX	77008-1179
0833720000071	WARTH RICHARD G & DOLORES J	1806 WILLOWMOSS CT	HOUSTON	TX	77008-1179
0833720000072	MULLENS CLYDE L	1810 WILLOWMOSS CT	HOUSTON	TX	77008-1179
0833720000074	GOLDBERG IAN & MIRIAM	1818 WILLOWMOSS CT	HOUSTON	TX	77008-1179
0833720000075	HOLT KARYN E & GREGORY A	1822 WILLOWMOSS CT	HOUSTON	TX	77008-1179
0833720000076	CORRIGAN MICHAEL J & LILIAN C	1826 WILLOWMOSS CT	HOUSTON	TX	77008-1179
0833720000077	BAILEY PHILLIP & ANN	1830 WILLOWMOSS CT	HOUSTON	TX	77008-1179
0833720000078	DEL BELLO ALFRED C	1834 WILLOWMOSS CT	HOUSTON	TX	77008-1179
0833720000079	KOKES MARY	1838 WILLOWMOSS CT	HOUSTON	TX	77008-1179
0833720000080	KALDANIS TOULA	2310 LAZYBROOK DR	HOUSTON	TX	77008-1126
0833720000081	MOLL BRANDON	2306 LAZYBROOK DR	HOUSTON	TX	77008-1126
0833720000082	JAMISON HERBERT W & LYNN C	2302 LAZYBROOK DR	HOUSTON	TX	77008-1126
0833720000083	PRIORITY INVESTOR LOANS LLC	3100 WESLAYAN ST STE 315	HOUSTON	TX	77027-5764
0833720000084	VU TYFFANY	1835 MILLWOOD DR	HOUSTON	TX	77008-1148
0833720000085	MOORE VERNON M & GRACIELA	1831 MILLWOOD DR	HOUSTON	TX	77008-1148
0833720000086	KALOGERAS EVA ESTATE OF	6824 STEPHANIE LN	LINCOLN	NE	68516-5353
0833720000087	HARRIS EARL & ANNE	1823 MILLWOOD DR	HOUSTON	TX	77008-1148
0833720000088	CONN MARY E	1819 MILLWOOD DR	HOUSTON	TX	77008-1148
0833720000089	VANSOUANG SAMSON	1815 MILLWOOD DR	HOUSTON	TX	77008-1148
0833720000090	MAGOUIRK CINDY K	1811 MILLWOOD DR	HOUSTON	TX	77008-1148

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0833720000091	SPIEGEL JUSTIN & ASHLEY	1807 MILLWOOD DR	HOUSTON	TX	77008-1148
0833720000092	SILLER JAMES	1803 MILLWOOD DR	HOUSTON	TX	77008-1148
0833720000094	MCCAY TAYLOR A & NICOLE M	1814 WILLOWMOSS CT	HOUSTON	TX	77008-1179
0833730000001	CUSTARD JESSE C	1802 MILLWOOD DR	HOUSTON	TX	77008-1149
0833730000002	WEHR JAMES & LAUREN	1806 MILLWOOD DR	HOUSTON	TX	77008-1149
0833730000003	CURRIER JANET W	3029 NEVERLAND DR	NEW SMYRNA BEACH	FL	32168-2442
0833730000004	BONTE PROPERTIES LLC	2218 BROOKTREE DR	HOUSTON	TX	77008-1147
0833730000005	COLLINS JOHN F & MARILYN	1818 MILLWOOD DR	HOUSTON	TX	77008-1149
0833730000006	DUPREE ROSE M ESTATE OF	1822 MILLWOOD DR	HOUSTON	TX	77008-1149
0833730000007	EDD ANDREW	1826 MILLWOOD DR	HOUSTON	TX	77008-1149
0833730000008	CARVER WILLIAM L	1830 MILLWOOD DR	HOUSTON	TX	77008-1149
0833730000009	HENNING TOD J & ALISON	1022 MARTIN ST	HOUSTON	TX	77018-2016
0833730000010	CURRENT OWNER	1838 MILLWOOD DR	HOUSTON	TX	77008-1149
0833730000011	OLDHAM SHERRI LYNN	2222 LAZYBROOK DR	HOUSTON	TX	77008-1273
0833730000012	SCHUBERT TERESA	2218 LAZYBROOK DR	HOUSTON	TX	77008-1273
0833730000013	KEE HOME INVESTMENTS LLC	25310 HOLLOWGATE PARK LN	TOMBALL	TX	77375-1497
0833730000014	ZAMKOVSKY GEORGE P	1839 WIDDICOMB CT	HOUSTON	TX	77008-1242
0833730000015	CURRENT OWNER	1835 WIDDICOMB CT	HOUSTON	TX	77008-1242
0833730000016	CURRENT OWNER	1831 WIDDICOMB CT	HOUSTON	TX	77008-1242
0833730000017	BECHERER MICHAEL W & KATHERINE	1827 WIDDICOMB CT	HOUSTON	TX	77008-1242
0833730000018	ORSAG FLORENCE ESTATE OF	1823 WIDDICOMB CT	HOUSTON	TX	77008-1242
0833730000019	DUPREE P J	1819 WIDDICOMB CT	HOUSTON	TX	77008-1242
0833730000020	CURRENT OWNER	1815 WIDDICOMB CT	HOUSTON	TX	77008-1242
0833730000023	GAZDYSZYN HENRYKA	1803 WIDDICOMB CT	HOUSTON	TX	77008-1242
0833730000024	SMITH MICHAEL L	1802 WIDDICOMB CT	HOUSTON	TX	77008-1242
0833730000025	BREHM CHEYENNA & JAMES R	1806 WIDDICOMB CT	HOUSTON	TX	77008-1242
0833730000026	CURRENT OWNER	1810 WIDDICOMB CT	HOUSTON	TX	77008
0833730000027	HESTER CRAIG L & DONNA M	1814 WIDDICOMB CT	HOUSTON	TX	77008-1242
0833730000028	WAGGONER CHRISTINA C & JOHN M	1818 WIDDICOMB CT	HOUSTON	TX	77008-1242
0833730000029	ATKINS CASEY & ELIZABETH	1822 WIDDICOMB CT	HOUSTON	TX	77008-1242
0833730000030	CURRENT OWNER	1826 WIDDICOMB CT	HOUSTON	TX	77008-1242
0833730000031	DYK JUDITH A	1830 WIDDICOMB CT	HOUSTON	TX	77008-1242
0833730000032	ROBERTS VALERIE C	7226 WOODLANDS WEST DR	HOUSTON	TX	77040-
0833730000033	RIVAS DAVID A GARCIA	1838 WIDDICOMB CT	HOUSTON	TX	77008-1242
0833730000034	LERO CHERYL R	2210 LAZYBROOK DR	HOUSTON	TX	77008-1229
0833730000035	SALDANA KRISTI H	2206 LAZYBROOK DR	HOUSTON	TX	77008-1229
0833730000036	ARUNTHAMAKUN JERICA AMBREA	2202 LAZYBROOK DR	HOUSTON	TX	77008-1229
0833730000037	REID CONNALLY C	1839 SEAMIST CT	HOUSTON	TX	77008-1234
0833730000038	SAILLANT RAYMOND D	1835 SEAMIST CT	HOUSTON	TX	77008-1234
0833730000039	FEDUN TYLER J & HEATHER R	1831 SEAMIST CT	HOUSTON	TX	77008-1234
0833730000040	HAHN PICKELS TRUST	1066 MARTIN ST	HOUSTON	TX	77018-2028
0833730000041	EBRAHIIMI BEHROUZ	1823 SEAMIST CT	HOUSTON	TX	77008-1234
0833730000042	RUPE SYDNEY C	2727 TRAVIS ST APT 515	HOUSTON	TX	77006-3586
0833730000043	HEINS MARSHALL B	12207 TAYLORCREST RD	HOUSTON	TX	77024-4246
0833730000044	THOMAS JOE LEE INVSTMNTS	1925 MILAM ST	HOUSTON	TX	77002-8022
0833730000045	TUSA JEREMY & ASHLEY	1807 SEAMIST CT	HOUSTON	TX	77008-1234
0833730000046	KOKES CHRISTINE R	1803 SEAMIST CT	HOUSTON	TX	77008-1234

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0833730000047	HUFF RYAN T & ELIZABETH Z	1802 SEAMIST CT	HOUSTON	TX	77008-1234
0833730000048	HUBERT JARRETT C	1806 SEAMIST CT	HOUSTON	TX	77008-1234
0833730000049	BURDINE CARSON & BLAIRE	1810 SEAMIST CT	HOUSTON	TX	77008-1234
0833730000050	MARKERT MARTHA % MARTHA MARKERT TRUST	1814 SEAMIST CT	HOUSTON	TX	77008-1234
0833730000051	HODDE AMY C	1818 SEAMIST CT	HOUSTON	TX	77008-1234
0833730000052	MATTIZA VALERIE N	1822 SEAMIST CT	HOUSTON	TX	77008-1234
0833730000053	DIETRICH H E JR	1826 SEAMIST CT	HOUSTON	TX	77008-1234
0833730000054	PIWONKA NANCY M NANCY M PIWONKA REVOCABLE TRUST	1830 SEAMIST CT	HOUSTON	TX	77008-1234
0833730000055	MORRIS VAN K II	1834 SEAMIST CT	HOUSTON	TX	77008-1234
0833730000056	RUIZ RENEE	1838 SEAMIST CT	HOUSTON	TX	77008-1234
0833730000057	LONGORIA JOSEPH	2122 LAZYBROOK DR	HOUSTON	TX	77008-1272
0833730000058	JACKSON HENRY & STEPHANIE	2118 LAZYBROOK DR	HOUSTON	TX	77008-1272
0833730000059	SOWDA GREGORY C	2114 LAZYBROOK DR	HOUSTON	TX	77008-1272
0833730000060	KNIGHT SHIRLEY	1839 NAUTS CT	HOUSTON	TX	77008-1230
0833730000061	HUNTER WILLIAM J & JOELLEN	1835 NAUTS CT	HOUSTON	TX	77008-1230
0833730000062	CLEWIS DAVID NOEL	1831 NAUTS CT	HOUSTON	TX	77008-1230
0833730000063	CASEY SEAN M & ABIGAIL A	1827 NAUTS CT	HOUSTON	TX	77008-1230
0833730000064	BEREGSZASZY ELIZABETH R	1823 NAUTS CT	HOUSTON	TX	77008-1230
0833730000065	KARR CAROLY A & GRANT J	1819 NAUTS CT	HOUSTON	TX	77008-1230
0833730000066	CURRENT OWNER	1815 NAUTS CT	HOUSTON	TX	77008-1230
0833730000067	HAVARD LYSSA	1811 NAUTS CT	HOUSTON	TX	77008-1230
0833730000068	KOGAN SHANE J & KRISTEN	1807 NAUTS CT	HOUSTON	TX	77008-1230
0833730000069	MEDLEY DINA	1803 NAUTS CT	HOUSTON	TX	77008-1230
0833730000070	JURICA CLAYTON W	1802 NAUTS CT	HOUSTON	TX	77008-1230
0833730000071	RKM HEINS PROPERTIES III LLC C/O MARSHBAII HEINS	12207 TAYLORCREST RD	HOUSTON	TX	77024-4246
0833730000072	REDFEARN PAULINE	1810 NAUTS CT	HOUSTON	TX	77008-1230
0833730000073	KITA ZACHARY A	1814 NAUTS CT	HOUSTON	TX	77008-1230
0833730000074	CODY HELEN E WHALEY	1818 NAUTS CT	HOUSTON	TX	77008-1230
0833730000075	HERGENRETHER DAVID & RHONDA	1822 NAUTS CT	HOUSTON	TX	77008-1230
0833730000076	BOURGEOIS BRIAN C	1826 NAUTS CT	HOUSTON	TX	77008-1230
0833730000077	KING JOYCE A % KING JACK E & JOYCE A TRUST	1830 NAUTS CT	HOUSTON	TX	77008-1230
0833730000078	KEENE ROBERT & CYNTHIA LEW	1834 NAUTS CT	HOUSTON	TX	77008-1230
0833730000079	CURRENT OWNER	1838 NAUTS CT	HOUSTON	TX	77008-1230
0833730000080	WIERSMA JAMES	2110 LAZYBROOK DR	HOUSTON	TX	77008-1227
0833730000081	MANESS BARBARA E	1410 OLD BROCK RD	WEATHERFORD	TX	76088-8731
0833730000082	ROJAS NICOLAS	2102 LAZYBROOK DR	HOUSTON	TX	77008-1227
0833730000083	CORBIN MARGIE C CORBIN JAMES NEILL ESTATE OF	1839 WATERCREST DR	HOUSTON	TX	77008-1240
0833730000084	CORBIN BRADLEY J & ASHLEY	1835 WATERCREST DR	HOUSTON	TX	77008-1240
0833730000085	FITZPATRICK PATRICE M	1831 WATERCREST DR	HOUSTON	TX	77008-1240
0833730000086	SANANTONIO CHRISTY	1827 WATERCREST DR	HOUSTON	TX	77008-1240
0833730000087	NAGY-PETERSON MARY K	1823 WATERCREST DR	HOUSTON	TX	77008-1240
0833730000088	SHADLE WANDA J	1819 WATERCREST DR	HOUSTON	TX	77008-1240
0833730000089	OKAZAKI INVESTMENTS LLC	PO BOX 535	TOMBALL	TX	77377-0535
0833730000090	SALA WILLIAM A JR	1811 WATERCREST DR	HOUSTON	TX	77008-1240
0833730000091	WYDLER CARLOS	1807 WATERCREST DR	HOUSTON	TX	77008-1240
0833730000092	HENRY WALTER W & BLANCHE D	1803 WATERCREST DR	HOUSTON	TX	77008-1240
0833740000001	WALTON SANDRA D & BRET D	1802 WATERCREST DR	HOUSTON	TX	77008-1241

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0833740000002	NELSON JOHN W	1806 WATERCREST DR	HOUSTON	TX	77008-1241
0833740000003	NEAL COLTON S	1810 WATERCREST DR	HOUSTON	TX	77008-1241
0833740000004	PAGE GEORGE W III & DARYL K	1814 WATERCREST DR	HOUSTON	TX	77008-1241
0833740000005	PAGE GEO W JR	1818 WATERCREST DR	HOUSTON	TX	77008-1241
0833740000006	PHILLIPS WENDY	1822 WATERCREST DR	HOUSTON	TX	77008-1241
0833740000007	UKLEJA PHILLIP M & DIONNE S	1826 WATERCREST DR	HOUSTON	TX	77008-1241
0833740000008	TEN HAVE DAVID L	1830 WATERCREST DR	HOUSTON	TX	77008-1241
0833740000009	ERICKSON LIEF	1834 WATERCREST DR	HOUSTON	TX	77008-1241
0833740000010	ESTOPINAL MARK & JENNIFER	2111 LAZYBROOK DR	HOUSTON	TX	77008-1226
0833740000011	BAILEY HAROLD R & SHARON D	2022 LAZYBROOK DR	HOUSTON	TX	77008-1271
0833740000012	GARZA LISA M	2018 LAZYBROOK DR	HOUSTON	TX	77008-1271
0833740000013	DAVIES NANCY J & PETER W	6235 HURST ST	HOUSTON	TX	77008-6334
0833740000014	RUTH NORMA JUANITA	1839 SEASPRAY CT	HOUSTON	TX	77008-1235
0833740000015	GRIFFIN TONJA	1835 SEASPRAY CT	HOUSTON	TX	77008-1235
0833740000016	CURRENT OWNER	1831 SEASPRAY CT	HOUSTON	TX	77008-1235
0833740000017	DAVID NICHOLAS & JENNA	1827 SEASPRAY CT	HOUSTON	TX	77008-1235
0833740000018	MCGUIRE ANNA	1823 SEASPRAY CT	HOUSTON	TX	77008-1235
0833740000019	RIPLEY MATTHEW	1819 SEASPRAY CT	HOUSTON	TX	77008-1235
0833740000020	BEISERT RUDY C & GERTRUDE	1815 SEASPRAY CT	HOUSTON	TX	77008-1235
0833740000021	BYRD STEWART & EMILY	1811 SEASPRAY CT	HOUSTON	TX	77008-1235
0833740000022	SCHULTZ LYNN A	1807 SEASPRAY CT	HOUSTON	TX	77008-1235
0833740000023	JOSEPHINE M CRAWFORD LIVING TRUST	1803 SEASPRAY CT	HOUSTON	TX	77008-1235
0833740000024	CAREY RANDY	5814 SILVER FOREST DR	HOUSTON	TX	77092-2340
0833740000025	DERKOWSKI PENNY K	1806 SEASPRAY CT	HOUSTON	TX	77008-1235
0833740000026	CURRENT OWNER	1810 SEASPRAY CT	HOUSTON	TX	77008
0833740000027	CURRENT OWNER	1814 SEASPRAY CT	HOUSTON	TX	77008-1235
0833740000028	PASSINI MARGARET	1818 SEASPRAY CT	HOUSTON	TX	77008-1235
0833740000029	TRAPOLINO MICHAEL J	2018 SEA KING ST	HOUSTON	TX	77008-1239
0833740000030	VEGA RANDY	2014 SEA KING ST	HOUSTON	TX	77008-1239
0833740000031	COCKRILL BENJAMIN & KHANH-TRANG	2010 SEA KING ST	HOUSTON	TX	77008-1239
0833740000032	ETTINGER SHARON G	1819 SEA QUEEN CT	HOUSTON	TX	77008-1233
0833740000033	BECK JOSEPH A	1815 SEA QUEEN CT	HOUSTON	TX	77008-1233
0833740000034	BROUSSARD MARK DOUGLAS	1811 SEA QUEEN CT	HOUSTON	TX	77008-1233
0833740000035	CURRENT OWNER	1807 SEA QUEEN CT	HOUSTON	TX	77008
0833740000036	SHATBY MEENA WILSON	2207 RIVA ROW UNIT 3404	SPRING	TX	77380-3143
0833740000037	MOTES CASEY L	1802 SEA QUEEN CT	HOUSTON	TX	77008-1233
0833740000038	AARON DANIEL & MCKENNA	1806 SEA QUEEN CT	HOUSTON	TX	77008-1233
0833740000039	WILKES MARC A & JULIE G	1810 SEA QUEEN CT	HOUSTON	TX	77008-1233
0833740000040	JOHNSON ERIC	1814 SEA QUEEN CT	HOUSTON	TX	77008-1233
0833740000041	SALAS RONALD	1818 SEA QUEEN CT	HOUSTON	TX	77008-1233
0833740000042	FLORES MARIA L	1822 SEA QUEEN CT	HOUSTON	TX	77008-1233
0833740000043	STEVENS JENNIFER W	2006 SEA KING ST	HOUSTON	TX	77008-1232
0833740000044	WALLACE FRANKLIN R & TERRI B	2002 SEA KING ST	HOUSTON	TX	77008-1232
0833750000001	STRAIN MACK & BEVERLY J	2010 LAZYBROOK DR	HOUSTON	TX	77008-1225
0833750000002	HUBBELL LINDA	2006 LAZYBROOK DR	HOUSTON	TX	77008-1225
0833750000003	CURRENT OWNER	2002 LAZYBROOK DR	HOUSTON	TX	77008-1225
0833750000004	BOWES DAVID & JENNIFER R	2019 SEA KING ST	HOUSTON	TX	77008-1231

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0833750000005	OLIVIER HENRI G	2011 W T C JESTER BLVD	HOUSTON	TX	77008-1254
0833750000006	JOHNSON CAMERON M	2011 SEA KING ST	HOUSTON	TX	77008-1231
0833750000007	SHIREMAN PAUL T & DONNA	2007 SEA KING ST	HOUSTON	TX	77008-1231
0833750000008	RUGH ALAN K	2003 SEA KING ST	HOUSTON	TX	77008-1231
0842880000001	ESTOPINAL MARK & JENNIFER	2111 LAZYBROOK DR	HOUSTON	TX	77008-1226
0842880000002	CASSADY LORI	2107 LAZYBROOK DR	HOUSTON	TX	77008-1226
0842880000003	DALE ROBERT H IV	2103 LAZYBROOK DR	HOUSTON	TX	77008-1226
0842880000004	CARROL DONALD E & SHARON	2025 LAZYBROOK DR	HOUSTON	TX	77008-1224
0842880000005	BROWN STACIE	2021 LAZYBROOK DR	HOUSTON	TX	77008-1224
0842880000006	GOREY MICHAEL K & SARAH E	2017 LAZYBROOK DR	HOUSTON	TX	77008-1224
0842880000007	CARTER JOHN	2015 LAZYBROOK DR	HOUSTON	TX	77008-1224
0842880000008	CURRENT OWNER	2007 LAZYBROOK DR	HOUSTON	TX	77008-1224
0842880000009	CURRENT OWNER	2003 LAZYBROOK DR	HOUSTON	TX	77008-1224
0855810000001	LAZYBROOK BAPTIST CHURCH	3206 N SHEPHERD DR	HOUSTON	TX	77018-7621
0855810000003	LAPETITE ACADEMY INC C/O LEARNING CARE GROUP ACCOUNTING DEPT	21333 HAGGERTY RD STE 300	NOVI	MI	48375-5537
0855810000004	LA PETITE ACADEMY INC C/O LEARNING CARE GROUP, ATTN ACCTG DEPT	21333 HAGGERTY RD STE 300	NOVI	MI	48375-5537
0855810000005	CURRENT OWNER	8902 EASTCOVE CIR	HOUSTON	TX	77064-8617
0855810000006	BM HOLDING INC	1802 W 18TH ST	HOUSTON	TX	77008-1204
0855810000007	BM HOLDING INC	1802 W 18TH ST	HOUSTON	TX	77008-1204
0855810000008	BABA INVESTMENTS LAZY BROOK LLC ATTN JIMMY BABA	2415 TOWN CENTER DR STE 150	SUGAR LAND	TX	77478-4389
0855810000015	TOWNSEND DYLAN	1711 WILLOWBY DR	HOUSTON	TX	77008-1219
0855810000016	NELSON MATTHEW E JR & SHANNON B	1715 WILLOWBY DR	HOUSTON	TX	77008-1219
0855810000017	MEEHLEDER JOHN G	1719 WILLOWBY DR	HOUSTON	TX	77008-1219
0855810000018	MOCK CHRISTOPHER	18217 CEDAR SAGE RD	LEANDER	TX	78645-8634
0855810000019	GARCIA DANIEL E JR & BRENDA L	1727 WILLOWBY DR	HOUSTON	TX	77008-1219
0855810000020	SYER MARGIE MORAN	1803 WILLOWBY DR	HOUSTON	TX	77008-1221
0855810000021	BANEZ WILLIAM G	1807 WILLOWBY DR	HOUSTON	TX	77008-1221
0855810000023	KRENZER BENJAMIN D	1815 WILLOWBY DR	HOUSTON	TX	77008-1221
0855810000025	DIAZ ANDRES	1723 GUESE RD	HOUSTON	TX	77008-1236
0855810000026	HIRNIAK STEFAN M & LINDSAY P	1763 DE MILO	HOUSTON	TX	77018-1805
0855810000027	WHATLEY JOHN ALLEN	1715 GUESE RD	HOUSTON	TX	77008-1236
0855810000028	GEACCONE GARRET	1711 GUESE RD	HOUSTON	TX	77008-1236
0855810000029	LEDVINA ERIK	1707 GUESE RD	HOUSTON	TX	77008-1236
0855810000030	GUAJARDO BENJIE	1703 GUESE RD	HOUSTON	TX	77008-1236
0855810000031	GUAJARDO BENJIE	1703 GUESE RD	HOUSTON	TX	77008-1236
0855810000033	TAYLOR LINDA W	1810 HAVERHILL DR	HOUSTON	TX	77008-1269
0855810000034	SANCHEZ MIGUEL & NORMA	1839 MILL CREEK DR	HOUSTON	TX	77008-1197
0855810000035	PIERCE DEREK	1802 HAVERHILL DR	HOUSTON	TX	77008-1269
0855810000036	MILLER MARGARET	1726 HAVERHILL DR	HOUSTON	TX	77008-1267
0855810000037	AKIN RICHARD W & ADINA H	1722 HAVERHILL DR	HOUSTON	TX	77008-1267
0855810000038	CROSSINGHAM FRANCES	1718 HAVERHILL DR	HOUSTON	TX	77008-1267
0855810000039	ANHORN GRANT R	1714 HAVERHILL DR	HOUSTON	TX	77008-1267
0855810000040	DECKER LOUIS S	1711 TANNEHILL DR	HOUSTON	TX	77008-1215
0855810000041	DALTON SCOTT A & LORENA	1706 HAVERHILL DR	HOUSTON	TX	77008-1267
0855810000042	CLARK ORIE B & LINDA	1702 HAVERHILL DR	HOUSTON	TX	77008-1267
0855810000043	SLIGH WALTER S III	1703 TANNEHILL DR	HOUSTON	TX	77008-1215
0855810000044	ROBEY WILLIAM L JR	1707 TANNEHILL DR	HOUSTON	TX	77008-1215

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0855810000045	FALK NANCY K	1711 TANNEHILL DR	HOUSTON	TX	77008-1215
0855810000046	HOLLER JOHN R & KATHRYN L	1715 TANNEHILL DR	HOUSTON	TX	77008-1215
0855810000047	LESTER JOSEPHENE G ESTATE OF	1719 TANNEHILL DR	HOUSTON	TX	77008-1215
0855810000048	ANDERSON DONNA KAY	1723 TANNEHILL DR	HOUSTON	TX	77008-1215
0855810000049	VANDENBERG MARY	1727 TANNEHILL DR	HOUSTON	TX	77008-1215
0855810000050	ZASKE ADAM	1803 TANNEHILL DR	HOUSTON	TX	77008-1217
0855810000051	MCDONALD BEAU & CYNTHIA RENEE	1807 TANWEHILL DR	HOUSTON	TX	77008-1217
0855810000052	TOMCZAK ADA RUTH	1811 TANNEHILL DR	HOUSTON	TX	77008-1217
0855810000053	BROWN HELEN E	1815 TANNEHILL DR	HOUSTON	TX	77008-1217
0855810000054	BRYANT EDGAR & MARY V	1819 TANNEHILL DR	HOUSTON	TX	77008-1217
0855810000055	PATTERSON MARK A	1823 TANNEHILL DR	HOUSTON	TX	77008-1217
0855810000056	LASTOVICA KELLI	1814 HAVERHILL DR	HOUSTON	TX	77008-1269
0855810000057	MAHON JOSEPH & JANET SUE	1811 WILLOWBY DR	HOUSTON	TX	77008-1221
0855820000001	JOHNSON THERON	1814 WILLOWBY DR	HOUSTON	TX	77008-1222
0855820000002	WEATHERFORD HEDWIGA C	1810 WILLOWBY DR	HOUSTON	TX	77008-1222
0855820000003	CHURCH KATHERINE L	1806 WILLOWBY DR	HOUSTON	TX	77008-1222
0855820000004	BRUMMETT BRENDA	1802 WILLOWBY DR	HOUSTON	TX	77008-1222
0855820000005	ALLCORN ANDREW	1726 WILLOWBY DR	HOUSTON	TX	77008-1220
0855820000006	LEDOUX MATTHEW J & ANGELA S	3510 S LAKE VILLAGE DR	KATY	TX	77450-5715
0855820000007	DELGADILLO REBECCA	1718 WILLOWBY DR	HOUSTON	TX	77008-1220
0855820000008	HOUSTON AREA CONSTRUCTION LLC	1839 MILL CREEK DR	HOUSTON	TX	77008-1197
0855820000009	STEWART NICHOLAS CODY	1710 WILLOWBY DR	HOUSTON	TX	77008-1220
0855820000010	FISCHER SARAH L	1706 WILLOWBY DR	HOUSTON	TX	77008-1220
0855820000012	CURRENT OWNER	1703 HAVERHILL DR	HOUSTON	TX	77008-1268
0855820000013	OWENS CAROLYN	1707 HAVERHILL DR	HOUSTON	TX	77008-1268
0855820000014	YEUNG LAURENCE	1711 HAVERHILL DR	HOUSTON	TX	77008-1268
0855820000015	HARLAN MARIE & MATTHEW E	1715 HAVERHILL DR	HOUSTON	TX	77008-1268
0855820000016	BAIWIR ROBIN	11718 KIRKMEADOW DR	HOUSTON	TX	77089-2326
0855820000017	SEIGLE MARK & LINDA C	1723 HAVERHILL DR	HOUSTON	TX	77008-1268
0855820000018	SULTANIK H MICHAEL & DINAH K	1727 HAVERHILL DR	HOUSTON	TX	77008-1268
0855820000019	CIESZKIEWICZ GAIL L	1803 HAVERHILL DR	HOUSTON	TX	77008-1270
0855820000020	JENKINS SUSAN E & BLAKE A	1807 HAVERHILL DR	HOUSTON	TX	77008-1270
0855820000021	VELEZ MARIA E	919 W TEMPLE ST	HOUSTON	TX	77009-5235
0855820000022	LEHNERT CAROLYN & EUGENE	1819 HAVERHILL DR	HOUSTON	TX	77008-1270
0855830000001	COLLINS DAVE & JOAN	1822 TANNEHILL DR	HOUSTON	TX	77008-1218
0855830000002	CASEY MATTHEW & CAMILLE M	1818 TANNEHILL DR	HOUSTON	TX	77008-1218
0855830000003	RABURN MARISA DALE	1814 TANNEHILL DR	HOUSTON	TX	77008-1218
0855830000004	FORET ANTHONY	1812 TANNEHILL DR	HOUSTON	TX	77008-1218
0855830000005	ANUENUE HOLDINGS LLC	2 E BEND LN	HOUSTON	TX	77007-7024
0855830000006	MCMORDIE MARY A	1802 TANNEHILL DR	HOUSTON	TX	77008-1218
0855830000007	VOGIATZIS PROKOPIOS D & TRACI M	2240 SHAKESPEARE ST	HOUSTON	TX	77030-1113
0855830000008	BERGERON AMY ELIZABETH	1722 TANNEHILL DR	HOUSTON	TX	77008-1216
0855830000009	CURRENT OWNER	1718 TANNEHILL DR	HOUSTON	TX	77008-1216
0855830000010	JOE GLENDA	1714 TANNEHILL DR	HOUSTON	TX	77008-1216
0855830000011	BOUCHER GWENDOLYN % BOUCHER LIVING TRUST	1710 TANNEHILL DR	HOUSTON	TX	77008-1216
0855830000012	BOBO SARAH S	1706 TANNEHILL DR	HOUSTON	TX	77008-1216
0855830000013	KOUDSI OMAR	1702 TANNEHILL DR	HOUSTON	TX	77008-1216

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0852520000001	VALLEYPATH INVESTMENTS LLC	6207 QUEENSWOOD LN	HOUSTON	TX	77008-6342
0852520000002	MAGEE MARTHA E	6550 LINDYANN LN	HOUSTON	TX	77008-5130
0852520000003	BEHANICK WHITNEY LEE	6546 LINDGANN LN	HOUSTON	TX	77008-5130
0852520000004	HELM GLORA BEE	6542 LINDYANN LN	HOUSTON	TX	77008-5130
0852520000005	MCCLISTER RYAN M	6538 LINDYANN LN	HOUSTON	TX	77008-5130
0852520000006	POLOVINA TERRENCE M	6534 LINDYANN LN	HOUSTON	TX	77008-5130
0852520000007	SCHUTZ RONALD P & GAIL BOSTIAN	6530 LINDYANN LN	HOUSTON	TX	77008-5130
0852520000008	RICHBURG RONALD R & MICHELLE M	6526 LINDYANN LN	HOUSTON	TX	77008-5130
0852520000009	VOELKEL SHELTON H & JEANETTE	6522 LINDYANN LN	HOUSTON	TX	77008-5130
0852520000010	MCDANIEL JOHN M	6518 LINDYANN LN	HOUSTON	TX	77008-5130
0852520000011	ELLERMAN RONALD & KATHRYN	6514 LINDYANN LN	HOUSTON	TX	77008-5130
0852520000012	LLOYD DARRELL T & DENISE A	6510 LINDYANN LN	HOUSTON	TX	77008-5130
0852520000013	HUANG HUAI HUANG	6506 LINDYANN LN	HOUSTON	TX	77008-5130
0852520000014	SPEDALE SAM A & ELIZABETH	6502 LINDYANN LN	HOUSTON	TX	77008-5130
0852580000008	JOLLIFFE LILLIAN	6539 CINDY LN	HOUSTON	TX	77008-5108
0852580000009	CURRENT OWNER	6535 CINDY LN	HOUSTON	TX	77008-5108
0852580000010	CORBETT CHARLES G & KAREN	6531 CINDY LN	HOUSTON	TX	77008-5108
0852580000011	BLAKEY LEE A	6527 CINDY LN	HOUSTON	TX	77008-5108
0852580000012	LANKFORD REBECCA R	703 YALE ST	HOUSTON	TX	77007-1535
0852580000013	TORCHIA RUBEN H & CYNTHIA H	6519 CINDY LN	HOUSTON	TX	77008-5108
0852580000014	TORRES SOPHIA	6515 CINDY LN	HOUSTON	TX	77008-5108
0852580000015	GONZALES MARSHALL A	6511 CINDY LN	HOUSTON	TX	77008-5108
0852580000016	LESTEVEN TRAN	8231 TERRACE BROOK DR	HOUSTON	TX	77040-6078
0852580000017	ORSAK MARY	6503 CINDY LN	HOUSTON	TX	77008-5108
0852590000002	FURL JAMES W & DEVON A	6538 CINDY LN	HOUSTON	TX	77008-5109
0852590000003	ROUNTREE JARED K & AMANDA	6534 CINDY LN	HOUSTON	TX	77008-5109
0852590000004	BRENDA S RICHARDSON LIVING TRUST	4334 LEMAC DR	HOUSTON	TX	77096-4415
0852590000005	TRIFONE MARK & AUDREY LAINE SNIDER	6526 CINDY LN	HOUSTON	TX	77008-5109
0852590000006	LOUIE EDWIN D	6522 CINDY LN	HOUSTON	TX	77008-5109
0852590000007	DRISCOLL GERARD & SOMMER	6518 CINDY LN	HOUSTON	TX	77008-5109
0852590000008	SMITH SUZANNE W	6514 CINDY LN	HOUSTON	TX	77008-5109
0852590000009	GANTT MATTHEW	6510 CINDY LN	HOUSTON	TX	77008-5109
0852590000010	CHRIST NICHOLAS JOHN	6506 CINDY LN	HOUSTON	TX	77008-5109
0852590000011	MORGAN NICHOLAS G & KRISTIN D	6502 CINDY LN	HOUSTON	TX	77008-5109
0852590000012	KNUTSON GORDON C	6503 LINDYANN LN	HOUSTON	TX	77008-5129
0852590000013	HELM GLORA B	2901 WILCREST DR STE 217	HOUSTON	TX	77042-6071
0852590000014	WOLLIN KENNETH J & DANIELA	6511 LINDYANN LN	HOUSTON	TX	77008-5129
0852590000015	CURRENT OWNER	3822 SOUTHWESTERN ST	HOUSTON	TX	77005-4337
0852590000016	MOORE MARCIA	6519 LINDYANN LN	HOUSTON	TX	77008-5129
0852590000017	ALLCORN AL D & ROBIN A	6523 LINDYANN LN	HOUSTON	TX	77008-5129
0852590000018	CURRENT OWNER	6527 LINDYANN LN	HOUSTON	TX	77008-5129
0852590000019	WATSON LARRY D & MARTHA G	6531 LINDYANN LN	HOUSTON	TX	77008-5129
0852590000020	WILLIAMS PATRICIA H & JOHN D	6535 LINDYANN LN	HOUSTON	TX	77008-5129
0852590000021	COLGIN PHILLIP MASON	6539 LINDYANN LN	HOUSTON	TX	77008-5129
0852590010004	WILLIAMSON BRIAN S & JESSICA	6555 CINDY LN	HOUSTON	TX	77008-5108
0852590010005	HAYES CODY L	6551 CINDY LN	HOUSTON	TX	77008-5108
0852590010006	BURDEN MICHAEL & SARAH	6547 CINDY LN	HOUSTON	TX	77008-5108

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0852590010007	GALINDO CHRISTIAN ANZC	6543 CINDY LN	HOUSTON	TX	77008-5108
0852590020001	CURRENT OWNER	6542 CINDY LN	HOUSTON	TX	77008-5109
0852590020022	DEDEAR SHANNON GAIL	6543 LINDYANN LN	HOUSTON	TX	77008-5129
0852590020023	HELM GLORA BEE	2917 FERNDALE ST	HOUSTON	TX	77098-1117
0852590020024	NASH SARAH E	6551 LINDYANN LN	HOUSTON	TX	77008-5129
0852590020025	MARGO BRYAN D	6555 LINDYANN LN	HOUSTON	TX	77008-5129
0852590020026	MESCHKE KENNETH J	6554 CINDY LN	HOUSTON	TX	77008-5109
0852590020027	LOVE EDWIN T & DEBORAH S	6550 CINDY LN	HOUSTON	TX	77008-5109
0852590020028	WILLIAMS PAUL & TRACI	6546 CINDY LN	HOUSTON	TX	77008-5109
0891350000015	SHUFFLER CHERYL TOMLINSON	1502 FOXWOOD RD	HOUSTON	TX	77008-5119
0891350000016	CASBEER THOMAS J IV	1506 FOXWOOD RD	HOUSTON	TX	77008-5119
0891360000001	AHMAD ADAM A	6611 CINDY LN	HOUSTON	TX	77008-5110
0891360000002	EICHENLAUB MANDIE	6607 CINDY LN	HOUSTON	TX	77008-5110
0891360000003	CURRENT OWNER	6603 CINDY LN	HOUSTON	TX	77008-5110
0891360000018	GRALL RICHARD T	1302 VALLETA DR	HOUSTON	TX	77008-5136
0891360000019	CASTRO RAY A	1306 VALLETA DR	HOUSTON	TX	77008-5136
0891360000020	MATTIZA HARRIETT LUCINDA H	1310 VALLETA DR	HOUSTON	TX	77008-5136
0891360000021	LAPRADE MICHELE P	1314 VALLETA DR	HOUSTON	TX	77008-5136
0891360000022	BELK JUSTIN MICHAEL	1318 VALLETA DR	HOUSTON	TX	77008-5136
0891360000023	GODINEZ SOLEDAD	1322 VALLETA DR	HOUSTON	TX	77008-5136
0891360000024	LUNA SANDRA I	1326 VALLETA DR	HOUSTON	TX	77008-5136
0891360000025	CURRENT OWNER	6514 WYNNWOOD LN	HOUSTON	TX	77008-5138
0891360000026	REICH GARY PHILIP	6518 WYNNWOOD LN	HOUSTON	TX	77008-5138
0891360000027	PULIDO GREGORY A	6522 WYNNWOOD LN	HOUSTON	TX	77008-5138
0891360000028	RODRIGUEZ MARGARET P &	6526 WYNNWOOD LN	HOUSTON	TX	77008-5138
0891360000029	HOFER KENNETH V	6530 WYNNWOOD LN	HOUSTON	TX	77008-5138
0891360000030	MCWHORTER SEAN PHILIP	6534 WYNNWOOD LN	HOUSTON	TX	77008-5138
0891360000031	WILSON WILLIAM C & ANDREA	6538 WYNNWOOD LN	HOUSTON	TX	77008-5138
0891360000032	SALANOVA PHILLIPE	6542 WYNNWOOD LN	HOUSTON	TX	77008-5138
0891360000033	DELOUCHE CHRISTIAN	1327 GUESE RD	HOUSTON	TX	77008-5126
0891360000034	MCFALL JOSEPHINE G % MCFALL ROBT P ESTATE OF	1323 GUESE RD	HOUSTON	TX	77008-5126
0891360000035	VACLAVIK LARRY & ELIZABETH	1319 GUESE RD	HOUSTON	TX	77008-5126
0891360000036	HIBBERT CLARKSON PALM & MOLLY ELIZABETH	1315 GUESE	HOUSTON	TX	77008-5126
0891360000037	SADLER JENNIFER K	1311 GUESE RD	HOUSTON	TX	77008-5126
0891360000038	ROSS ROSALIE	1307 GUESE RD	HOUSTON	TX	77008-5126
0891360000039	HIGHTOWER RICHARD Z	1303 GUESE RD	HOUSTON	TX	77008-5126
0891360000040	RUIZ JUANITA R	1302 JEANNINE DR	HOUSTON	TX	77008-5128
0891360000041	BEATY REGINALD B & ANNE L	1306 JEANNINE DR	HOUSTON	TX	77008-5128
0891360000042	HOMAN NICHOLAS A & VALERIE M	1310 JEANNINE DR	HOUSTON	TX	77008-5128
0891360000043	MOUNT JOAN RUTH	1314 JEANNINE DR	HOUSTON	TX	77008-5128
0891360000044	HARVEY WILLIAM JAY	1318 JEANNINE DR	HOUSTON	TX	77008-5128
0891360000045	MCGAUVRAN MARK H & COURTNEY	1315 JEANNINE DR	HOUSTON	TX	77008-5100
0891360000046	COX SAMUEL & CADDIE L	1311 JEANNINE DR	HOUSTON	TX	77008-5100
0891360000047	ROSE DANIEL & KELLY	1307 JEANNINE DR	HOUSTON	TX	77008-5100
0891360000048	CURRENT OWNER	1303 JEANNINE DR	HOUSTON	TX	77008-5100
0891360000049	SAEGER SUSAN	1302 FOXWOOD RD	HOUSTON	TX	77008-5115
0891360000050	MCGEE DOUGLAS M & BRENDA L	1306 FOXWOOD RD	HOUSTON	TX	77008-5115

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0891360000051	TEINERT MARY D	1310 FOXWOOD RD	HOUSTON	TX	77008-5115
0891360000052	BENES BRETT & KALLIE	1314 FOXWOOD RD	HOUSTON	TX	77008-5115
0891360000053	BREIDENTHAL CATHY	1031 W GARDNER ST	HOUSTON	TX	77009-5019
0891360000054	RUDROFF PATRICIA A	1322 FOXWOOD RD	HOUSTON	TX	77008-5115
0891360000055	WOODWARD DANIEL J	1326 FOXWOOD RD	HOUSTON	TX	77008-5115
0891360000056	BARRETT ERNA LEE	1330 FOXWOOD RD	HOUSTON	TX	77008-5115
0891360000057	DANHEIM KATHERINE M	1334 FOXWOOD RD	HOUSTON	TX	77008-5115
0891360000058	REAL DIVERT SERIES LLC	3115 LENORA SPRINGS DR	SPRING	TX	77386-3241
0891360000060	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
0891370000029	BURROUGHS DOROTHY P & EDWARD GLENN	1406 FOXWOOD RD	HOUSTON	TX	77008-5117
0891370000030	BURROUGHS EDWARD G & DOROTHY P	1406 FOXWOOD RD	HOUSTON	TX	77008-5117
0891370000031	BARKER WILLIAM B	1410 FOXWOOD RD	HOUSTON	TX	77008-5117
0891370000032	WELLS ANDREW & STEPHANIE	1414 FOXWOOD RD	HOUSTON	TX	77008-5117
0891380000001	NEWNHAM JOE M & TRACI A	1318 GUESE RD	HOUSTON	TX	77008-5127
0891380000002	MENDENHALL STEVEN B	1323 VALLETA DR	HOUSTON	TX	77008-5135
0891380000003	MENDENHALL STEVEN B	1323 VALLETA DR	HOUSTON	TX	77008-5135
0891380000004	BURROW DANIEL C	1319 VALLETA DR	HOUSTON	TX	77008-5135
0891380000005	LAVY LISETTA	1315 VALLETA DR	HOUSTON	TX	77008-5135
0891380000006	RKM HEINS PROPERTIES LLC % MARSHALL B HEINS	12207 TAYLORCREST RD	HOUSTON	TX	77024-4246
0891380000007	STEITZ DAVID M & BRITTANY S	6526 GROVEWOOD LN	HOUSTON	TX	77008-5121
0891380000008	BOX DANIEL A	6530 GROVEWOOD LN	HOUSTON	TX	77008-5121
0891380000009	SPROLES BRANDON L & AIMEE R	6534 GROVEWOOD LN	HOUSTON	TX	77008-5121
0891380000010	LOPEZ ESTHER C	6538 GROVEWOOD LN	HOUSTON	TX	77008-5121
0891380000011	BRAVENEC WILLIAM J	6542 GROVEWOOD LN	HOUSTON	TX	77008-5121
0891380000012	KLEIN NOAH & ALANNA	1310 GUESE RD	HOUSTON	TX	77008-5127
0891380000013	ROBERTS MARK & LEATRICE	1314 GUESE RD	HOUSTON	TX	77008-5127
0891390000001	WATKINS HERBERT L JR	6751 GROVEWOOD LN	HOUSTON	TX	77008-5124
0891390000002	HUDSON DAVID ROSS % HUDSON REVOCABLE LIVING TRUST	6747 GROVEWOOD LN	HOUSTON	TX	77008-5124
0891390000003	ALBAHISH ANN L & ANAN H	2207 LAZYBROOK DR	HOUSTON	TX	77008-1228
0891390000004	JACKSON MARY LOU	6739 GROVEWOOD LN	HOUSTON	TX	77008-5124
0891390000005	HARPER HARRISON HOMES LLC	12339 BARRYKNOLL LN	HOUSTON	TX	77024-4111
0891390000006	MIRDADIAN PATRICIA H	2106 WOODCREST DR	HOUSTON	TX	77018-5043
0891390000007	ABREO WILLIAM JR	6727 GROVEWOOD LN	HOUSTON	TX	77008-5124
0891390000008	CRUZ ESTHER J &	6723 GROVEWOOD LN	HOUSTON	TX	77008-5124
0891390000009	CURRENT OWNER	6719 GROVEWOOD LN	HOUSTON	TX	77008-5124
0891390000010	BATES BENJAMIN & KATHERINE C	6715 GROVEWOOD LN	HOUSTON	TX	77008-5124
0891390000011	ARNDT MAXINE	6711 GROVEWOOD LN	HOUSTON	TX	77008-5124
0891390000012	BOTELLO PEDRO H & MARIA	6707 GROVEWOOD LN	HOUSTON	TX	77008-5124
0891390000013	CURRENT OWNER	6703 GROVEWOOD LN	HOUSTON	TX	77008-5124
0891390000014	MCCLUSKY ERIC P	6631 GROVEWOOD LN	HOUSTON	TX	77008-5122
0891390000015	SALTON DAVID & KARA	6627 GROVEWOOD LN	HOUSTON	TX	77008-5122
0891390000016	BOLIO MICHELLE A	6623 GROVEWOOD LN	HOUSTON	TX	77008-5122
0891390000017	SCHAWE HELEN K & SKYLER	6619 GROVEWOOD LN	HOUSTON	TX	77008-5122
0891390000018	SUGALSKI ALI-SHAUN P & SCOTT A	6615 GROVEWOOD LN	HOUSTON	TX	77008-5122
0891390000019	CHAMBERLAIN RYAN	6611 GROVEWOOD LN	HOUSTON	TX	77008-5122
0891390000020	BROWN TRAVIS	1111 WYNNWOOD LN	HOUSTON	TX	77008-3453
0891390000021	WALLACE KIMBERLY A	6603 GROVEWOOD LN	HOUSTON	TX	77008-5122

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0891390000022	MCMEEKIN MICHAEL & DARCI	3906 BAYBROOK CT	MIDLAND	TX	79707-1431
0891390000023	HELKE JAMES C JR	6551 GROVEWOOD LN	HOUSTON	TX	77008-5120
0891390000024	PARSONS MATTEW H	6547 GROVEWOOD LN	HOUSTON	TX	77008-5120
0891390000025	CURRENT OWNER	6543 GROVEWOOD LN	HOUSTON	TX	77008-5120
0891390000026	HIPP PENNY D	6539 GROVEWOOD LN	HOUSTON	TX	77008-5120
0891390000027	STAGGS CATHERINE L	6535 GROVEWOOD LN	HOUSTON	TX	77008-5120
0891390000028	FOX BETTY C	6531 GROVEWOOD LN	HOUSTON	TX	77008-5120
0891390000029	WASHBURN JOHN L & DONNA	6527 GROVEWOOD LN	HOUSTON	TX	77008-5120
0891390000030	CURRENT OWNER	6523 GROVEWOOD LN	HOUSTON	TX	77008-5120
0891390000031	HANNAH PATRICIA S	6519 GROVEWOOD LN	HOUSTON	TX	77008-5120
0891390000032	DE LA CRUZ ADRIANA	6515 GROVEWOOD LN	HOUSTON	TX	77008-5120
0891400000001	CURRENT OWNER	1339 FOXWOOD RD	HOUSTON	TX	77008-5114
0891400000002	LACHER JASON	1345 FOXWOOD RD	HOUSTON	TX	77008-5114
0891400000003	CATAZARO LOUIS P & REEN W	6614 CINDY LN	HOUSTON	TX	77008-5111
0891400000004	WORRALL DAN M JR	6611 LINDYANN LN	HOUSTON	TX	77008-5141
0891400000005	GOERLICH DELORES	6615 LINDYANN LN	HOUSTON	TX	77008-5141
0891400000006	SULLIVAN PETER J	6619 LINDYANN LN	HOUSTON	TX	77008-5141
0891400000007	THOMPSON HANNAH YEE & MICHAEL GREGORY	6623 LINDYANN LN	HOUSTON	TX	77008-5141
0891400000008	KOHTZ DAVID A & ALLISON R	6627 LINDYANN LN	HOUSTON	TX	77008-5141
0891400000009	WAYT JEFFREY T & DARLENE	6707 CINDY LN	HOUSTON	TX	77008-5112
0891400000010	BARLOW DARREN R & AIMEE L % BARLOW FAMILY LIVING TRUST	6711 CINDY LN	HOUSTON	TX	77008-5112
0891400000011	AMMONS BARRY W	6715 CINDY LN	HOUSTON	TX	77008-5112
0891400000012	SPIVEY JACK W & ANGELA K	6719 CINDY LN	HOUSTON	TX	77008-5112
0891400000013	CHERSKY PATRICIA % NORMAN CHERSKY ESTATE OF	6723 CINDY LN	HOUSTON	TX	77008-5112
0891400000014	WILLIAMS SANDRA	6727 CINDY LN	HOUSTON	TX	77008-5112
0891400000015	VOLLMER CEMETERY	0 FOXWOOD RD	HOUSTON	TX	77008
0891410000010	BUTLER HENRY	6711 LINDYANN LN	HOUSTON	TX	77008-5132
0891410000011	KRIEG JOHN V	6707 LINDYANN LN	HOUSTON	TX	77008-5132
0891410000012	CURRENT OWNER	6703 LINDYANN LN	HOUSTON	TX	77008-5132
0891410000013	BAKER AUSTIN	6722 CINDY LN	HOUSTON	TX	77008-5113
0891410000014	RIMMELIN LOUIS	6726 CINDY LN	HOUSTON	TX	77008-5113
0891410000015	MAYBERRY FRANCES E	6730 CINDY LN	HOUSTON	TX	77008-5113
0891420000001	KASPER GARY	6610 LINDYANN LN	HOUSTON	TX	77008-5131
0891420000002	EDWARDS JEFF & REBECCA	6614 LINDYANN LN	HOUSTON	TX	77008-5131
0891420000003	CURRENT OWNER	6618 LINDYANN LN	HOUSTON	TX	77008-5131
0891420000005	STOCKAGE MICHAEL	6622 LINDYANN LN	HOUSTON	TX	77008-5131
0891420000006	ANDREWS FORREST B & KATHRYN C	6626 LINDYANN LN	HOUSTON	TX	77008-5131
0891420000007	BENIRETTO FRANK W	6630 LINDYANN LN	HOUSTON	TX	77008-5131
0891420000008	HEGWOOD HELEN % HEGWOOD KING B ESTATE OF	31325 WALNUT CREEK RD	MAGNOLIA	TX	77355-4011
0891420000009	DXN INVESTORS INC	30 GREENWAY TRL	KINGWOOD	TX	77339-
0891900000001	OLIVIER HENRI G	2011 W T C JESTER BLVD	HOUSTON	TX	77008-1254
0891900000002	HOBBS DAVID LEE & BETTYE A	1827 FOXWOOD RD	HOUSTON	TX	77008-1223
0891900000003	CHAVEZ JOSE W & MARIE	1823 FOXWOOD RD	HOUSTON	TX	77008-1223
0891900000004	LAM CHEUK NAM	1819 FOXWOOD RD	HOUSTON	TX	77008-1223
0891900000005	CONTRERAS TERESA R	1815 FOXWOOD RD	HOUSTON	TX	77008-1223
0891900000006	RAMIREZ BEVERLY	1706 MAUX DR	HOUSTON	TX	77043-3355
0891900000007	RAPPEPORT WALTER &	1807 FOXWOOD RD	HOUSTON	TX	77008-1223

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0891900000008	SEGOVIA EFRAIN C & MEREDITH J	1803 FOXWOOD RD	HOUSTON	TX	77008-1223
0891900000009	CURRENT OWNER	PO BOX 7186	HOUSTON	TX	77248-7186
0891900000010	SILVAFLORES PATRICIA A	1806 FOXWOOD RD	HOUSTON	TX	77008-1223
0891900000011	TEJADA STEFFANIE & JUAN	1810 FOXWOOD RD	HOUSTON	TX	77008-1223
0891900000012	MC GINN DEIRDRE JACINTA	1814 FOXWOOD RD	HOUSTON	TX	77008-1223
0891900000013	NICOME ROGER K	1818 FOXWOOD RD	HOUSTON	TX	77008-1223
0891900000014	KAEHLER ERVIN A ET AL	1822 FOXWOOD RD	HOUSTON	TX	77008-1223
0891990000010	MIZE RICHARD O & ELIZABETH A	2211 W T C JESTER BLVD	HOUSTON	TX	77008-1238
0891990000011	KUJAWA L STEPHEN & JACQUELINE	2002 BROOKTREE DR	HOUSTON	TX	77008-1143
0891990000012	HERZOG NATALIE J	2006 BROOKTREE DR	HOUSTON	TX	77008-1143
0891990000013	BALLARD VICKIE	2010 BROOKTREE DR	HOUSTON	TX	77008-1143
0891990000014	TAGGART LEE ANDREW & KATHERINE ROSE	2014 BROOKTREE DR	HOUSTON	TX	77008
0891990000015	BIGGER JO ANN	2102 BROOKTREE DR	HOUSTON	TX	77008-1145
0891990000017	FAUST ADAM & PIPER	2106 BROOKTREE DR	HOUSTON	TX	77008-1145
0891990000018	CURRENT OWNER	2110 BROOKTREE DR	HOUSTON	TX	77008-1145
0892000000001	HAWK JASMINE	2230 BROOKTREE DR	HOUSTON	TX	77008-1147
0892000000002	OCONNOR TERENCE W	2226 BROOKTREE DR	HOUSTON	TX	77008-1147
0892000000003	CURRENT OWNER	10322 LOOKOUT LAKE CT	CYPRESS	TX	77433-0004
0892000000004	BONTE SEAN CARL & VONDA LEE	2218 BROOKTREE DR	HOUSTON	TX	77008-1147
0892000000006	HOFFMAN ERIN R	2210 BROOKTREE DR	HOUSTON	TX	77008-1147
0892000000007	HORN BENJAMIN & MEGAN	2206 BROOKTREE DR	HOUSTON	TX	77008-1147
0892000000008	LONG FRANCES N	4114 COSTA RICA RD	HOUSTON	TX	77092-5503
0892000000009	WILSON JIM A JR	2126 BROOKTREE DR	HOUSTON	TX	77008-1193
0892000000010	JUNKER LOIS E	2122 BROOKTREE DR	HOUSTON	TX	77008-1193
0892000000011	JACKSON DONALD EUGENE III	2118 BROOKTREE DR	HOUSTON	TX	77008-1193
0892010000014	DENTON E B	2302 BROOKTREE DR	HOUSTON	TX	77008-1110
0892010000015	CURRENT OWNER	2306 BROOKTREE DR	HOUSTON	TX	77008-1110
0892030000001	MOYE BRIAN A	2003 MILLWOOD DR	HOUSTON	TX	77008-1150
0892040000001	MILES CLARENCE ESTATE OF	2510 ELLA BLVD	HOUSTON	TX	77008-2712
0892040000009	MORRIS SION EDAIRE YARBROUGH	2003 SEAMIST CT	HOUSTON	TX	77008-1154
0892050000001	MCDERMIA PEGGY L	2002 MILLWOOD DR	HOUSTON	TX	77008-1151
0892050000032	HONG HERMAN WONG	2011 BROOKTREE DR	HOUSTON	TX	77008-1142
0892050000033	WRIGHT SANDRA L	2015 BROOKTREE DR	HOUSTON	TX	77008-1142
0892050000034	GUTHRIE MELINDA E	2103 BROOKTREE DR	HOUSTON	TX	77008-1144
0892050000036	SHUMAN LAYNE	2111 BROOKTREE DR	HOUSTON	TX	77008-1144
0892050000037	MCDANIEL JEANNE	2115 BROOKTREE DR	HOUSTON	TX	77008-1144
0892050000038	JANSEN WILLIAM J & KAREN J	2119 BROOKTREE DR	HOUSTON	TX	77008-1144
0892050000039	FINNEY DOUGLAS & AMELIA	2002 SEAMIST CT	HOUSTON	TX	77008-1155
0892050000055	MADDEN SHERON E	2003 WIDDICOMB CT	HOUSTON	TX	77008-1158
0921720000001	HERNANDEZ SISTO Y & BERTHA	1110 BEAVER RD	HOUSTON	TX	77088-
0921720000017	HICKS JOSHUA	146 W SHADOWPOINT CIR	SPRING	TX	77381-5102
0921720000018	BALINGIT ANDREW JOHN & WHITNEY ELIZABETH	2407 WILLOWBY DR	HOUSTON	TX	77008-3058
0921720000019	CURRENT OWNER	2411 WILLOWBY DR	HOUSTON	TX	77008-3058
0921720000020	MURPHY ALEXANDRE	2415 WILLOWBY DR	HOUSTON	TX	77008-3058
0921720000021	ROBERTS JAY C & QUENTINE M	2414 BROOKMERE DR	HOUSTON	TX	77008-1141
0921720000022	WILSON HAL E	2423 WILLOWBY DR	HOUSTON	TX	77008-3058
0921720000023	WHITE CARTER J	2427 WILLOWBY DR	HOUSTON	TX	77008-3058

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0921720000024	HUNDKOJA LLC	2427 WILLOWBY DR	HOUSTON	TX	77008-3058
0921720000025	PEREZ RACHEL	2503 WILLOWBY DR	HOUSTON	TX	77008-3060
0921720000026	LOCKARD KIMBERLY D	2507 WILLOWBY DR	HOUSTON	TX	77008-3060
0921720000027	LE DAN D	2511 WILLOWBY DR	HOUSTON	TX	77008-3060
0921720000028	TORRES ROGELIO	2515 WILLOWBY ST	HOUSTON	TX	77008-3060
0921720000029	CHAPMAN CONNOR RANDOLPH & ETUX	2519 WILLOWBY DR	HOUSTON	TX	77008-3060
0921720000030	SHAW NOREEN K & TRAVIS L	2523 WILLOWBY DR	HOUSTON	TX	77008-3060
0921720000031	RUSSELL LOUIS A & MARILYN R	2527 WILLOWBY DR	HOUSTON	TX	77008-3060
0921720000032	DAVIDSON ETTA M	2531 WILLOWBY DR	HOUSTON	TX	77008-3060
0921730000001	FERTITTA CONRAD V	2530 WILLOWBY DR	HOUSTON	TX	77008-3061
0921730000002	BOOTH CHARLES R	2526 WILLOWBY DR	HOUSTON	TX	77008-3061
0921730000003	RIHA STEPHEN L	2522 WILLOWBY DR	HOUSTON	TX	77008-3061
0921730000004	LAPAGLIA CARL A & PHYLLIS M	2518 WILLOWBY DR	HOUSTON	TX	77008-3061
0921730000005	VIVIANO SUSAN S	2514 WILLOWBY DR	HOUSTON	TX	77008-3061
0921730000006	KNIGHT SHIRLEY D	2510 WILLOWBY DR	HOUSTON	TX	77008-3061
0921730000007	DELEON RALPH	2506 WILLOWBY DR	HOUSTON	TX	77008-3061
0921730000008	SLACK LAURA R	2502 WILLOWBY DR	HOUSTON	TX	77008-3061
0921730000009	JARL CARMEN C	2403 TANNEHILL DR	HOUSTON	TX	77008-3050
0921730000010	URBANOVSKY J E & DOROTHY	2426 WILLOWBY DR	HOUSTON	TX	77008-3059
0921730000011	CURRENT OWNER	2422 WILLOWBY DR	HOUSTON	TX	77008-3059
0921730000012	MULLENIX ELMER L	2418 WILLOWBY DR	HOUSTON	TX	77008-3059
0921730000013	LUCKENBACH ANNA	2414 WILLOWBY DR	HOUSTON	TX	77008-3059
0921730000014	HUEBNER GARRETT & PAIGE	2410 WILLOWBY DR	HOUSTON	TX	77008-3059
0921730000015	WALKER LAUREN M	2406 WILLOWBY DR	HOUSTON	TX	77008-3059
0921730000016	NIESSING BRIAN	2402 WILLOWBY DR	HOUSTON	TX	77008-3059
0921730000017	CASTANON ROXANNE C	2403 HAVERHILL DR	HOUSTON	TX	77008-3030
0921730000018	JACKSON HENRY LOYD	2407 HAVERHILL DR	HOUSTON	TX	77008-3030
0921730000019	BELOCK DAVID J III & CHRISTINE H	2411 HAVERHILL DR	HOUSTON	TX	77008-3030
0921730000020	EMBESI RALPH E & GLORY	2415 HAVERHILL DR	HOUSTON	TX	77008-3030
0921730000021	GUZMAN REBECCA B & EDWIN D	2419 HAVERHILL DR	HOUSTON	TX	77008-3030
0921730000022	MACK WILLIAM & GARDNER	2423 HAVERHILL DR	HOUSTON	TX	77008-3030
0921730000023	MORRIS JASON	2427 HAVERHILL DR	HOUSTON	TX	77008-3030
0921730000024	CURRENT OWNER	2431 HAVERHILL DR	HOUSTON	TX	77008-3030
0921730000025	CURRENT OWNER	2431 HAVERHILL DR	HOUSTON	TX	77008-3030
0921730000026	ALLDAY FRANCES & DAVID	2507 HAVERHILL DR	HOUSTON	TX	77008-3066
0921730000027	GUIDRY RONALD C & SYLINDA R	2511 HAVERHILL DR	HOUSTON	TX	77008-3066
0921730000028	MEAD CHRISTOPHER J & CLAIRE E	2515 HAVERHILL DR	HOUSTON	TX	77008-3066
0921730000029	GRAHAM K C	2519 HAVERHILL DR	HOUSTON	TX	77008-3066
0921730000030	KRSAK SUE	2523 HAVERHILL DR	HOUSTON	TX	77008-3066
0921730000031	PETERS S C	2527 HAVERHILL DR	HOUSTON	TX	77008-3066
0921730000032	PENLAND HENRY JAMES & JUDY UY	2531 HAVERHILL DR	HOUSTON	TX	77008-3066
0921740000001	ROBERTS MARK J & CELESTE	2530 HAVERHILL DR	HOUSTON	TX	77008-3032
0921740000002	REDFINNOW BORROWER LLC	1099 STEWART ST STE 600	SEATTLE	WA	98101-2161
0921740000003	NAUMANN ROGER	2522 HAVERHILL DR	HOUSTON	TX	77008-3032
0921740000004	FRIEND KAREN	2518 HAVERHILL DR	HOUSTON	TX	77008-3032
0921740000005	MUNSON BRUCE A	2514 HAVERHILL DR	HOUSTON	TX	77008-3032
0921740000006	YASONI KAY L	2510 HAVERHILL DR	HOUSTON	TX	77008-3032

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0921740000007	SNIDER MARK E % N J SNIDER ESTATE	2506 HAVERHILL DR	HOUSTON	TX	77008-3032
0921740000008	CRABB BEN HARVEY	2502 HAVERHILL DR	HOUSTON	TX	77008-3032
0921740000009	MORALES V & ESPERANZA	2430 HAVERHILL DR	HOUSTON	TX	77008-3031
0921740000010	SINGH SUPREET	2426 HAVERHILL DR	HOUSTON	TX	77008-3031
0921740000011	JENNETT GILBERT C	2422 HAVERHILL DR	HOUSTON	TX	77008-3031
0921740000012	PINKERTON ANNE	2418 HAVERHILL DR	HOUSTON	TX	77008-3031
0921740000013	JOHLKE LAWRENCE L	2414 HAVERHILL DR	HOUSTON	TX	77008-3031
0921740000014	SCHIELACK WELDON	2410 HAVERHILL DR	HOUSTON	TX	77008-3031
0921740000015	BOLING KARA	2406 HAVERHILL DR	HOUSTON	TX	77008-3031
0921740000016	MENSING TIFFANY L	2402 HAVERHILL DR	HOUSTON	TX	77008-3031
0921740000017	WITHERS JOSHUA & GRACE	2403 TANNEHILL DR	HOUSTON	TX	77008-3050
0921740000018	ALLEN PAMELA S & RUSSELL R	2407 TANNEHILL DR	HOUSTON	TX	77008-3050
0921740000019	ODONNELL BRENDAN	2411 TANNEHILL DR	HOUSTON	TX	77008-3050
0921740000020	NASSAR CHELSEY M & JONATHAN D	2415 TANNEHILL DR	HOUSTON	TX	77008-3050
0921740000021	ELDRIDGE GAIL	2419 TANNEHILL DR	HOUSTON	TX	77008-3050
0921740000022	FISHER J E MR & MRS	2423 TANNEHILL DR	HOUSTON	TX	77008-3050
0921740000023	COLLINS SCOTT	2427 TANNEHILL DR	HOUSTON	TX	77008-3050
0921740000024	HOLMES DYREL K	2431 TANNEHILL DR	HOUSTON	TX	77008-3050
0921740000025	KOLARIK BARRY D & JEANNETTE M	2503 TANNEHILL DR	HOUSTON	TX	77008-3052
0921740000026	IZARD KELLY	2507 TANNEHILL DR	HOUSTON	TX	77008-3052
0921740000027	CROOK BRYAN D & SANDRA L	2511 TANNEHILL DR	HOUSTON	TX	77008-3052
0921740000028	SMITH MIRIAM ACEVEDO	1024 MARTIN ST	HOUSTON	TX	77018-2016
0921740000029	STRUMBLY BRIAN	2519 TANNEHILL DR	HOUSTON	TX	77008-3052
0921740000030	BIONDILLO VINCENT J & RONDA	2523 TANNEHILL DR	HOUSTON	TX	77008-3052
0921740000031	SWOPE TAYLOR J	2527 TANNEHILL DR	HOUSTON	TX	77008-3052
0921740000032	MASTER JULIE	1206 CROSBY ST	HOUSTON	TX	77019-4716
0921750000001	OGNOWSKI JR MAX	2530 TANNEHILL DR	HOUSTON	TX	77008-3053
0921750000002	LINEBERGER RONALD W	2526 TANNEHILL DR	HOUSTON	TX	77008-3053
0921750000003	MALICKI CLAIRE MARIE	2522 TANNEHILL DR	HOUSTON	TX	77008-3053
0921750000004	ROYCE THOMAS L III	2518 TANNEHILL DR	HOUSTON	TX	77008-3053
0921750000005	RODRIGUEZ LILLIAN M	1911 DE MILO DR	HOUSTON	TX	77018-1703
0921750000006	MEISTER WILLIAM C & KRISTEN A	2510 TANNEHILL DR	HOUSTON	TX	77008-3053
0921750000007	AMEDEE ERIC & LAUREN	2506 TANNEHILL DR	HOUSTON	TX	77008-3053
0921750000008	BRAWLEY MARK & CARRIE	2502 TANNEHILL DR	HOUSTON	TX	77008-3053
0921750000009	SETTEGAST ERIN L	2430 TANNEHILL DR	HOUSTON	TX	77008-3051
0921750000010	LIEBER PATRICK	2430 TANNEHILL DR	HOUSTON	TX	77008-3051
0921750000011	LAMBERT CHARLES E JR	2422 TANNEHILL DR	HOUSTON	TX	77008-3051
0921750000012	ABREO AMBER	2418 TANNEHILL DR	HOUSTON	TX	77008-3051
0921750000013	FUERST BENJAMIN	2414 TANNEHILL DR	HOUSTON	TX	77008-3051
0921750000014	REM MATTHEW DAVID & JENNIFER MARIE	2410 TANNEHILL DR	HOUSTON	TX	77008-3051
0921750000015	DAILY RICHARD T	16221 LEWIS	HOUSTON	TX	77040-2827
0921750000016	GAW WALTON	2402 TANNEHILL DR	HOUSTON	TX	77008-3051
0921750000017	MCCONN BRIAN P & SARAH H	2403 DROXFORD DR	HOUSTON	TX	77008-3014
0921750000018	CHIN HELEN L	2407 DROXFORD DR	HOUSTON	TX	77008-3014
0921750000019	ROJAS JAIME C	2411 DROXFORD DR	HOUSTON	TX	77008-3014
0921750000020	HOLT MARK E & MARIAM	2415 DROXFORD DR	HOUSTON	TX	77008-3014
0921750000021	MASSEY LARRY W JR & SUSAN M	2419 DROXFORD DR	HOUSTON	TX	77008-3014

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0921750000022	HOHMAN JOHN C	2423 DROXFORD DR	HOUSTON	TX	77008-3014
0921750000023	CATHERINE BONNER RUBEY MCMURTRY L LEE MCMURTRY III TRUSTEE	14531 FM 529 STE 250	HOUSTON	TX	77095-3528
0921750000024	CARRILLO ALLISON LEE	627 BOUNDARY ST	HOUSTON	TX	77009-6820
0921750000025	2305 DROXFORD LLC	302 CALLE SEVILLA PL	HOUSTON	TX	77007-1161
0921750000026	ANTLEY STEVE A & SUSAN	2507 DROXFORD DR	HOUSTON	TX	77008-3016
0921750000027	GRIMES RUSSELL J	2511 DROXFORD DR	HOUSTON	TX	77008-3016
0921750000028	MCPHERSON DEBORAH L	2515 DROXFORD DR	HOUSTON	TX	77008-3016
0921750000029	MCCOY MAUREEN E	2519 DROXFORD DR	HOUSTON	TX	77008-3016
0921750000030	GARZA RITA L	2523 DROXFORD DR	HOUSTON	TX	77008-3016
0921750000031	JANSEN STEVEN WALLACE & JENNIFER	2527 DROXFORD DR	HOUSTON	TX	77008-3016
0921750000032	STEVEKEN MICHAEL D	2531 DROXFORD DR	HOUSTON	TX	77008-3016
0921760000001	PARADOWSKI E H	2530 DROXFORD DR	HOUSTON	TX	77008-3017
0921760000002	WRIGHT SUSAN A	2526 DROXFORD DR	HOUSTON	TX	77008-3017
0921760000003	WALTERS CHARLES B & MARINES V	2522 DROXFORD DR	HOUSTON	TX	77008-3017
0921760000004	KITCHEN KEITH R	2518 DROXFORD DR	HOUSTON	TX	77008-3017
0921760000005	FROEHLICH JOHN	2514 DROXFORD DR	HOUSTON	TX	77008-3017
0921760000006	BENITO MARCELO	5909 KANSAS ST	HOUSTON	TX	77007-1007
0921760000007	CHAFFEE RANDALL	2506 DROXFORD DR	HOUSTON	TX	77008-3017
0921760000008	MADDOX MATTHEW RANDALL	2502 DROXFORD DR	HOUSTON	TX	77008-3017
0921760000009	NOWLIN MARILYN K	2430 DROXFORD DR	HOUSTON	TX	77008-3015
0921760000010	WBP PROPERTY MANAGEMENT LLC	139 BEVERLY LN	BELLAIRE	TX	77401-5106
0921760000011	MEYER EDWARD	2422 DROXFORD DR	HOUSTON	TX	77008-3015
0921760000012	SHANNON DEREK J	2418 DROXFORD DR	HOUSTON	TX	77008-3015
0921760000013	MARTINO STEPHEN	2414 DROXFORD DR	HOUSTON	TX	77008-3015
0921760000014	BREHM CULLEN JAMES &JENNIFER WEDGEWORTH	2410 DROXFORD DR	HOUSTON	TX	77008-3015
0921760000016	JACKSON JOSEPH S	2402 DROXFORD DR	HOUSTON	TX	77008-3015
0921760000017	WYNHOFF DEBRA GILG	2406 DROXFORD DR	HOUSTON	TX	77008-3015
0925290000001	BPA HM HOUSTON LTD	2216 DEVONSHIRE ST	HOUSTON	TX	77019-6402
0925290000017	CIPOLLA JOYCE A ESTATE OF	2203 WILLOWBY DR	HOUSTON	TX	77008-3001
0925290000018	KASOWSKI LEONARD P	6438 KURY LN	HOUSTON	TX	77008-3228
0925290000019	KUHN LOUISE A	2211 WILLOWBY DR	HOUSTON	TX	77008-3001
0925290000020	FREYER ROBERT C JR	2215 WILLOWBY DR	HOUSTON	TX	77008-3001
0925290000021	LEE MICHAEL DAVID & ELIZABETH LOUISE	2219 WILLOWBY DR	HOUSTON	TX	77008-3001
0925290000022	LEECH PHILLIP A & ANA L	2223 WILLOWBY DR	HOUSTON	TX	77008-3001
0925290000023	SAMPLE DEREK W & MALLORY F	2227 WILLOWBY DR	HOUSTON	TX	77008-3001
0925290000024	SMITH ADAM	2727 TRAVIS ST APT 527	HOUSTON	TX	77006-3587
0925290000025	LIM BRANDON	9507 WILLOW CROSSING DR	HOUSTON	TX	77064-5728
0925290000026	FLORES RAYMOND JR & MYRNA	2307 WILLOWBY DR	HOUSTON	TX	77008-3003
0925290000027	MORRIS ROBERT K JR & CANDACE S	2311 WILLOWBY DR	HOUSTON	TX	77008-3003
0925290000028	GUZMAN DIANE B & RENE O	2315 WILLOWBY DR	HOUSTON	TX	77008-3003
0925290000029	PANANOS ANTHONY D	2319 WILLOWBY DR	HOUSTON	TX	77008-3003
0925290000030	MADDEN JOE R JR	2323 WILLOWBY DR	HOUSTON	TX	77008-3003
0925290000031	DIAMOND TAYLOR	2327 WILLOWBY DR	HOUSTON	TX	77008-3003
0925290000032	ZAVALA JOHN V	2329 WILLOWBY DR	HOUSTON	TX	77008-3003
0925300000001	HUNDLEY CAROL	14315 VERDE MAR LN	HOUSTON	TX	77095-3459
0925300000002	LOTHMAN ILANA	2326 WILLOWBY DR	HOUSTON	TX	77008-3004
0925300000003	LIM BRANDON	9507 WILLOW CROSSING DR	HOUSTON	TX	77064-5728

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0925300000004	O'CONNOR PATRICK C	2318 WILLOWBY DR	HOUSTON	TX	77008-3004
0925300000005	BALI DHARAM	2314 WILLOWBY DR	HOUSTON	TX	77008-3004
0925300000006	GOVEA DAVID	63 E 9TH ST # 12B	NEW YORK	NY	10003-6324
0925300000007	FERRANTINO NICHOLAS	2306 WILLOWBY DR	HOUSTON	TX	77008-3004
0925300000008	THOMPSON MAUREEN M & KYLE C	2302 WILLOWBY DR	HOUSTON	TX	77008-3004
0925300000009	ARRINGTON ANNE R	2230 WILLOWBY DR	HOUSTON	TX	77008-3002
0925300000010	PRINCE MARY F	2226 WILLOWBY DR	HOUSTON	TX	77008-3002
0925300000011	VESTIGO MEGAN M	2222 WILLOWBY DR	HOUSTON	TX	77008-3002
0925300000012	BREMER JOHN & MARGARET	2218 WILLOWBY DR	HOUSTON	TX	77008-3002
0925300000013	COLEMAN TYLER J	2214 WILLOWBY DR	HOUSTON	TX	77008-3002
0925300000014	STRELAU LAWRENCE & FRANCES	3109 MORGAN LN	LAGO VISTA	TX	78645-6977
0925300000015	MASELLI MARISSA D & JOHN A III	2206 WILLOWBY DR	HOUSTON	TX	77008-3002
0925300000016	DODSON GREGORY M & STACY	2202 WILLOWBY DR	HOUSTON	TX	77008-3002
0925300000017	DOHERTY CRAIG M & CHRISTINE M	15819 COUNTRY TRL	TOMBALL	TX	77377-9092
0925300000018	CLARK ROGER D & WENDY F	2207 HAVERHILL DR	HOUSTON	TX	77008-3026
0925300000019	WADE MILES N	2211 HAVERHILL DR	HOUSTON	TX	77008-3026
0925300000020	CHEN TING	2215 HAVERHILL DR	HOUSTON	TX	77008-3026
0925300000021	TYSHOVNYTSKY DANIEL	2219 HAVERHILL DR	HOUSTON	TX	77008-3026
0925300000022	BYRNE CYNTHIA F	3102 MEADOW OAK DR	HOUSTON	TX	77068-3118
0925300000023	FIALA JOSEPH & RENEE L	2227 HAVERHILL DR	HOUSTON	TX	77008-3026
0925300000024	GONZALEZ JOSE	2231 HAVERHILL DR	HOUSTON	TX	77008-3026
0925300000025	PEISER ROYCE &	2303 HAVERHILL DR	HOUSTON	TX	77008-3028
0925300000026	VERA MATTHEW D & NATALIE	2307 HAVERHILL DR	HOUSTON	TX	77008-3028
0925300000027	CUSHMAN JULIE L	725 E 12TH ST	HOUSTON	TX	77008-7123
0925300000028	GUTHERY ROBERT & JOANN	3007 BARNHILL LN	SUGAR LAND	TX	77479-1877
0925300000029	LO JOENG TJEN & KWIE HONG	2319 HAVERHILL DR	HOUSTON	TX	77008-3028
0925300000030	BRENNAN JOHN J	2323 HAVERHILL DR	HOUSTON	TX	77008-3028
0925300000031	KAINER WANDA	2327 HAVERHILL DR	HOUSTON	TX	77008-3028
0925300000032	STOCKMEYER MEGHAN	2331 HAVERHILL DR	HOUSTON	TX	77008-3028
0925310000001	BREDESON ROSE MARIE	11943 BRUSH CANYON DR	TOMBALL	TX	77377-8559
0925310000002	TODARO LORETTA ANNE	4507 PARKVIEW CT	MISSOURI CITY	TX	77459-4465
0925310000003	FASKE CARLA JO	2322 HAVERHILL DR	HOUSTON	TX	77008-3029
0925310000004	SILVERMAN MATTHEW J	4909 E ALTA VISTA ST	TUCSON	AZ	85712-2011
0925310000005	LO HIN T & DEWI T	2314 HAVERHILL DR	HOUSTON	TX	77008-3029
0925310000006	KING CHARLES E	2310 HAVERHILL DR	HOUSTON	TX	77008-3029
0925310000007	WINTER MICHAEL & ALINE	2306 HAVERHILL DR	HOUSTON	TX	77008-3029
0925310000008	SIKORSKI NICHOLAS	2302 HAVERHILL DR	HOUSTON	TX	77008-3029
0925310000009	WILSON IAN	2230 HAVERHILL DR	HOUSTON	TX	77008-3027
0925310000010	EICKENHORST NATHAN F	2226 HAVERHILL DR	HOUSTON	TX	77008-3027
0925310000011	BEASLEY BEAU J	2222 HAVERHILL DR	HOUSTON	TX	77008-3027
0925310000012	LEWIS STEPHEN & CYNDA	2218 HAVERHILL DR	HOUSTON	TX	77008-3027
0925310000013	KAUSHIK NIRAJ	3333 LAKE ST 23E	HOUSTON	TX	77098-2165
0925310000014	CONDON KELLY J	2210 HAVERHILL DR	HOUSTON	TX	77008-3027
0925310000015	LMBM ENTERPRISES LLC	43 OAK COVE LN	HUMBLE	TX	77346-4046
0925310000016	PAVELKA JOYCE W % JOYCE W PAVELKA SURVIVORS TRUST	2302 BROOKMERE DR	HOUSTON	TX	77008-1139
0925310000017	BARTH ANDREW	3333 ALLEN PKWY UNIT 1906	HOUSTON	TX	77019-1846
0925310000018	GRISCOM RODMAN E IV & ELISA J	2207 TANNEHILL DR	HOUSTON	TX	77008-3046

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0925310000019	MAUZY KEVIN P & OLGA Z	2211 TANNEHILL DR	HOUSTON	TX	77008-3046
0925310000020	QUANDT LIBERINE	2215 TANNEHILL DR	HOUSTON	TX	77008-3046
0925310000021	BLAIK CURTIS & ALEXANDRA	2219 TANNEHILL DR	HOUSTON	TX	77008-3046
0925310000022	MELGAREJO RACHELLE F	2223 TANNEHILL DR	HOUSTON	TX	77008-3046
0925310000023	WONG TAYLOR	4640 LASATER TRL	COLORADO SPRINGS	CO	80922-1620
0925310000024	CURRENT OWNER	2231 TANNEHILL DR	HOUSTON	TX	77008-3046
0925310000025	SMITH WILLIAM E	2303 TANNEHILL DR	HOUSTON	TX	77008-3048
0925310000026	LEE BOWLVA M	2307 TANNEHILL DR	HOUSTON	TX	77008-3048
0925310000027	INGBRETSON ABIGAIL & ROGER	2311 TANNEHILL DR	HOUSTON	TX	77008-3048
0925310000028	FILIP MATTHEW	2315 TANNEHILL DR	HOUSTON	TX	77008-3048
0925310000029	WEYLANDT TAYLOR R	525 YALE ST APT 206	HOUSTON	TX	77007-2862
0925310000030	YZQUIERDO EDGAR	6223 GROVEWOOD LN	HOUSTON	TX	77008-3217
0925310000031	NICHOLS WILLARD GARDNER	2327 TANNEHILL DR	HOUSTON	TX	77008-3048
0925310000032	DURCANIN MICHAEL	2331 TANNEHILL DR	HOUSTON	TX	77008-3048
0925320000001	WILLIAMS KENNETH H & NANCY S	2330 TANNEHILL DR	HOUSTON	TX	77008-3049
0925320000002	LOFLIN JAMES	2326 TANNEHILL DR	HOUSTON	TX	77008-3049
0925320000003	STEVENS ROBERT D JR & CARLA J	2322 TANNEHILL DR	HOUSTON	TX	77008-3049
0925320000004	NEUNDORFER MICHELLE & JOHN	2318 TANNEHILL DR	HOUSTON	TX	77008-3049
0925320000005	POHLMAN JOHN G & LENORA	2314 TANNEHILL DR	HOUSTON	TX	77008-3049
0925320000006	KING JONATHAN	2310 TANNEHILL DR	HOUSTON	TX	77008-3049
0925320000007	RILEY EDWARD F II	2306 TANNEHILL DR	HOUSTON	TX	77008-3049
0925320000008	WELCH ELIZABETH N	2302 TANNEHILL DR	HOUSTON	TX	77008-3049
0925320000009	GARCIA ALFREDO R JR	2230 TANNEHILL DR	HOUSTON	TX	77008-3047
0925320000010	SUNSTROM CHRISTOPHER &	2226 TANNEHILL DR	HOUSTON	TX	77008-3047
0925320000011	CURRENT OWNER	2222 TANNEHILL DR	HOUSTON	TX	77008-3047
0925320000012	WESSELS DENNIS L & HANKINS ROY C JR	2218 TANNEHILL DR	HOUSTON	TX	77008-3047
0925320000013	DERONG RYAN	2214 TANNEHILL DR	HOUSTON	TX	77008-3047
0925320000014	KLEB ALBERT B JR	2210 TANNEHILL DR	HOUSTON	TX	77008-3047
0925320000015	BROUGHTON LARRY T	1006 CURTIN ST	HOUSTON	TX	77018-3259
0925320000016	DOIG MELINA	2202 TANNEHILL DR	HOUSTON	TX	77008-3047
0925320000017	DUPREE MARY A	2207 DROXFORD DR	HOUSTON	TX	77008-3010
0925320000018	DUPREE MARY ALICE	2207 DROXFORD DR	HOUSTON	TX	77008-3010
0925320000019	REEVES EMILY J	2211 DROXFORD DR	HOUSTON	TX	77008-3010
0925320000020	MANNING CARL N & KRISTIN L	2215 DROXFORD DR	HOUSTON	TX	77008-3010
0925320000021	HARDT AUSTIN A	2219 DROXFORD DR	HOUSTON	TX	77008-3010
0925320000022	TANUKU KAYLAN R	2223 DROXFORD DR	HOUSTON	TX	77008-3010
0925320000023	NEWMAN HELEN B	2227 DROXFORD DR	HOUSTON	TX	77008-3010
0872270000001	CARBAJAL JOSE A & SARA	1731 SALFORD DR	HOUSTON	TX	77008-3044
0872270000002	KELLY SUSAN MARIE	7014 SHADY ARBOR LN	HOUSTON	TX	77040-4725
0872270000003	MILLER PAUL	1723 SALFORD DR	HOUSTON	TX	77008-3044
0872270000004	BACORN DAVID & JESSICA	1719 SALFORD DR	HOUSTON	TX	77008-3044
0872270000005	RUSSELL RAYMOND	525 W 24TH ST APT 2119	HOUSTON	TX	77008-2801
0872270000006	MORRIS CHASE	1722 LOCKSFORD ST	HOUSTON	TX	77008-3005
0872270000007	HINZE NANCY ESTATE OF C/O JAMES LEE HINZE ESTATE OF	1726 LOCKSFORD ST	HOUSTON	TX	77008-3005
0872270000008	SMITH REBECCA A	1730 LOCKSFORD ST	HOUSTON	TX	77008-3005
0872270000009	PETERSON BEVERLY	1731 LOCKSFORD ST	HOUSTON	TX	77008-3005
0872270000010	VELA PATRICIA C	67 WOODHAVEN WOOD DR	SPRING	TX	77380-3972

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0872270000011	VELA PATRICIA C	67 WOODHAVEN WOOD DR	SPRING	TX	77380-3972
0872270000012	DICKENS KYLE W	1719 LOCKSFORD ST	HOUSTON	TX	77008-3005
0872270000013	MIATA JOHN C ESTATE OF	1722 KNIGHTWICK DR	HOUSTON	TX	77008-3037
0872270000014	ESTES RICHARD L	1726 KNIGHTWICK DR	HOUSTON	TX	77008-3037
0872270000015	VELDEKENS MARI	1730 KNIGHTWICK DR	HOUSTON	TX	77008-3037
0872270000016	BRANIFF EMALEE	1734 KNIGHTWICK DR	HOUSTON	TX	77008-3037
0872270000017	CURRENT OWNER	1731 KNIGHTWICK DR	HOUSTON	TX	77008-3037
0872270000018	MARZSTEPH TEXAS LLC	1022 LIVE OAK ST	HOUSTON	TX	77003-3614
0872270000019	WILSON JAMIE N	1723 KNIGHTWICK DR	HOUSTON	TX	77008-3037
0872270000020	GAW JUDY B T	2418 BROOKMERE DR	HOUSTON	TX	77008-1141
0872270000021	HADAWAY MARY ELLEN	1715 FAWNHOPE DR	HOUSTON	TX	77008-3024
0872270000022	SELLERS BRIAN CHRISTOP	1711 FAWNHOPE DR	HOUSTON	TX	77008-3024
0872270000023	MONACHELLO RONALD J	1707 FAWNHOPE DR	HOUSTON	TX	77008-3024
0872270000024	HURON ROSEMARY	1703 FAWNHOPE DR	HOUSTON	TX	77008-3024
0872270000025	GREENE CID MIGUEL & ARLEEN A	619 ELECTRA DR	HOUSTON	TX	77079-6131
0872270000026	MOODY KAREN F	1643 FAWNHOPE DR	HOUSTON	TX	77008-3008
0872270000027	DESPAIN RYAN	1639 FAWNHOPE DR	HOUSTON	TX	77008-3008
0872270000028	CURRENT OWNER	1635 FAWNHOPE DR	HOUSTON	TX	77008-3008
0872280000029	WEIKEL STEPHEN P	2706 WILLOWBY DR	HOUSTON	TX	77008-3065
0872280000030	MYNAR JAY ANDREW	2702 WILLOWBY DR	HOUSTON	TX	77008-3065
0872280000031	SAUER TUCKER R	14200 W ONEWOOD PL UNIT 43	WICHITA	KS	67235-3435
0872280000032	WALTERS KENT H	2622 WILLOWBY DR	HOUSTON	TX	77008-3063
0872280000033	TUTHILL FREDERICK E	2618 WILLOWBY DR	HOUSTON	TX	77008-3063
0872280000034	SCHLEY EMILY M	2614 WILLOWBY DR	HOUSTON	TX	77008-3063
0872280000035	CHMIEL MICHAEL A &	2610 WILLOWBY DR	HOUSTON	TX	77008-3063
0872280000036	APS INVESTEX LLC	6606 KURY LN	HOUSTON	TX	77008-5102
0872280000037	CURRENT OWNER	2602 WILLOWBY DR	HOUSTON	TX	77008-3063
0872280000038	SIGNORELLI FREDERICK J JR & RACHEL P	2603 HAVERHILL DR	HOUSTON	TX	77008-3033
0872280000039	SANDOVAL FRANCES M	2607 HAVERHILL DR	HOUSTON	TX	77008-3033
0872280000040	CLARK SHERRI G PASKET	2611 HAVERHILL DR	HOUSTON	TX	77008-3033
0872280000041	CARLSON GREGORY & LETICIA M % CARLSON TRUST	2615 HAVERHILL DR	HOUSTON	TX	77008-3033
0872280000042	DUNLEVIE ALEXANDER D & APRIL L	2619 HAVERHILL DR	HOUSTON	TX	77008-3033
0872280000043	CURRENT OWNER	2623 HAVERHILL DR	HOUSTON	TX	77008-3033
0872280000044	BROUSSARD SHIRLEY	2427 BROOKTREE DR	HOUSTON	TX	77008-1111
0872280000045	ARDOIN MEGAN M	2703 HAVERHILL DR	HOUSTON	TX	77008-3035
0872280000046	CALVIN WILLIAM CHARLES	7834 S DOMINION FALLS LN	HUMBLE	TX	77396-4578
0872280000047	CURRENT OWNER	2711 HAVERHILL DR	HOUSTON	TX	77008-3035
0872290000048	CURRENT OWNER	2714 HAVERHILL DR	HOUSTON	TX	77008-3036
0872290000049	WILKS KIMBERLY P & JEREMY	2710 HAVERHILL DR	HOUSTON	TX	77008-3036
0872290000050	DORSETT HOMES LLC	2706 HAVERHILL	HOUSTON	TX	77008-3036
0872290000051	FREY BRIAN W & REBECCA A	2702 HAVERHILL DR	HOUSTON	TX	77008-3036
0872290000052	ULLRICH MARION % ULLRICH ELROY ESTATE OF	2626 HAVERHILL DR	HOUSTON	TX	77008-3034
0872290000053	HASSENFLU KEVIN	2622 HAVERHILL DR	HOUSTON	TX	77008-3034
0872290000054	MARTINEZ JOHN M & KIMBERLY A	2406 BROOKTREE DR	HOUSTON	TX	77008-1112
0872290000055	SHETRONE KERRI	2614 HAVERHILL DR	HOUSTON	TX	77008-3034
0872290000056	TROTTI MICHAEL D	2610 HAVERHILL DR	HOUSTON	TX	77008-3034
0872290000057	GUERRERO RALPH	1002 YAUPON SQUARE LN	HOUSTON	TX	77008-1298

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0872290000058	SHARP JAKE & HALLIE	2602 HAVERHILL DR	HOUSTON	TX	77008-3034
0872290000059	COOK TAMMY	2603 TANNEHILL DR	HOUSTON	TX	77008-3054
0872290000060	DALE CHENEY & REBECCA	2607 TANNEHILL DR	HOUSTON	TX	77008-3054
0872290000061	BLUMM CRISTIAN M	2611 TANNEHILL DR	HOUSTON	TX	77008-3054
0872290000062	DIAZ MAGDALENA	2615 TANNEHILL DR	HOUSTON	TX	77008-3054
0872290000063	PRINGLE DONALD J	2619 TANNEHILL DR	HOUSTON	TX	77008-3054
0872290000064	SMITH SARAH E	2623 TANNEHILL DR	HOUSTON	TX	77008-3054
0872290000065	PATTERSON MARSHALL C	2627 TANNEHILL DR	HOUSTON	TX	77008-3054
0872290000066	BOYER LANE & KELLY	2703 TANNEHILL DR	HOUSTON	TX	77008-3056
0872290000067	GIORDANO MICHAEL A	2707 TANNEHILL DR	HOUSTON	TX	77008-3056
0872290000068	MCCULLAR SAMUEL R	2711 TANNEHILL DR	HOUSTON	TX	77008-3056
0872290000069	VOSBEIN MICHAEL B	2715 TANNEHILL DR	HOUSTON	TX	77008-3056
0872300000070	ROZNOVSKY STEVE JR ET UX	2718 TANNEHILL DR	HOUSTON	TX	77008-3057
0872300000071	GUERRERO RALPH	1002 YAUPON SQUARE LN	HOUSTON	TX	77008-1298
0872300000072	CHURCH JOSEPH T	2710 TANNEHILL DR	HOUSTON	TX	77008-3057
0872300000073	MEDUNA RANDY N & CHRISTY	2706 TANNEHILL DR	HOUSTON	TX	77008-3057
0872300000074	ACKAL JULES & CODI B	2702 TANNEHILL DR	HOUSTON	TX	77008-3057
0872300000075	ORR BARBARA ANN	2626 TANNEHILL DR	HOUSTON	TX	77008-3055
0872300000076	CASTILLO THOMAS D & JODY	2622 TANNEHILL DR	HOUSTON	TX	77008-3055
0872300000077	KUZMA RONALD L & KATHLEEN M	2618 TANNEHILL DR	HOUSTON	TX	77008-3055
0872300000078	GONZALES JOHN A & LISA	2614 TANNEHILL DR	HOUSTON	TX	77008-3055
0872300000079	RUCKER BRYAN W	2610 TANNERHILL DR	HOUSTON	TX	77008-3055
0872300000080	LIEBEL LOGAN & KATHLEEN	2606 TANNEHILL DR	HOUSTON	TX	77008-3055
0872300000081	HENSLIN AARON MATTHEW & MIRANDA	2602 TANNEHILL DR	HOUSTON	TX	77008-3055
0872300000082	ALLEN SPENCER D & KALLIE B	2603 DROXFORD DR	HOUSTON	TX	77008-3018
0872300000083	LOTHMANN KARL T	2607 DROXFORD DR	HOUSTON	TX	77008-3018
0872300000084	MCCASKIL DEBORAH D	2611 DROXFORD DR	HOUSTON	TX	77008-3018
0872300000085	CABE BUILDERS LLC	9 CHARLESTON SOUTH	SUGAR LAND	TX	77478-3656
0872300000086	HOWARD KATE P	2619 DROXFORD DR	HOUSTON	TX	77008-3018
0872300000087	COOK ETHAN & EMILY	2623 DROXFORD DR	HOUSTON	TX	77008-3018
0872300000088	GALDAMEZ RENE E	2627 DROXFORD DR	HOUSTON	TX	77008-3018
0872300000089	BESSETTE MATTHEW E	2703 DROXFORD DR	HOUSTON	TX	77008-3020
0872300000090	LOPEZ JULIO E	2707 DROXFORD DR	HOUSTON	TX	77008-3020
0872300000091	ERDELY JOHN M	2711 DROXFORD DR	HOUSTON	TX	77008-3020
0872300000092	NEUHAUS TIMOTHY	2715 DROXFORD DR	HOUSTON	TX	77008-3020
0872300000093	BOARDMAN SEAN C & GEORGANNE F	2719 DROXFORD DR	HOUSTON	TX	77008-3020
0872310000094	KOKES PATRICK J	1627 FAWNHOPE DR	HOUSTON	TX	77008-3022
0872310000095	HARRELL DAWN	1623 FAWNHOPE DR	HOUSTON	TX	77008-3022
0872310000096	KURB APPEAL MANAGEMENT LLC % JAN J RAYBURN	5830 KULDELL DR	HOUSTON	TX	77074-7628
0872310000097	REYES R FERNANDO	1615 FAWNHOPE DR	HOUSTON	TX	77008-3022
0872310000098	HATCHER GLENN D & CAYCE L	1611 FAWNHOPE DR	HOUSTON	TX	77008-3022
0872310000099	SENTER STEVEN E	1607 FAWNHOPE DR	HOUSTON	TX	77008-3022
0872310000100	BARNARD KEVIN & TERESA	1603 FAWNHOPE DR	HOUSTON	TX	77008-3022
0872320000101	CRAWFORD JOHN W SR	2718 DROXFORD DR	HOUSTON	TX	77008-3021
0872320000102	KALTEYER CASSANDRA & JOHN	2714 DROXFORD DR	HOUSTON	TX	77008-3021
0872320000103	MALICK JAMES	2710 DROXFORD DR	HOUSTON	TX	77008-3021
0872320000104	SEGLER JUDY	2706 DROXFORD DR	HOUSTON	TX	77008-3021

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0872320000105	GONZALEZ SAUL R	11 BUTTERNUT GROVE PL	TOMBALL	TX	77375-4967
0872320000106	ROWE WILLIAM K & HELEN J	2626 DROXFORD DR	HOUSTON	TX	77008-3019
0872320000107	KOMINCZAK ZIGMOND EDMOND	2622 DROXFORD DR	HOUSTON	TX	77008-3019
0872320000108	DUMAS KAREN D	2618 DROXFORD DR	HOUSTON	TX	77008-3019
0872320000109	NAGELMUELLER ALBERT JR & CYNTHIA	2614 DROXFORD DR	HOUSTON	TX	77008-3019
0872320000110	GLENN HORACE E	2610 DROXFORD DR	HOUSTON	TX	77008-3019
0872320000111	VANDENBURG JANIS M	2606 DROXFORD DR	HOUSTON	TX	77008-3019
0872320000112	MENA ROSE C	2602 DROXFORD DR	HOUSTON	TX	77008-3019
0892360000001	T C JESTER REALTY CORP % W Q MALACHITE GROUP	1955 W T C JESTER BLVD	HOUSTON	TX	77008-1256
0892360000011	BK TCJ LTD	3700 BUFFALO SPEEDWAY STE 400	HOUSTON	TX	77098-3709
0892360000012	T C JESTER REALTY CORP % W Q MALACHITE GROUP	1955 W T C JESTER BLVD	HOUSTON	TX	77008-1256
0892360000013	WORKERS HEALTHCARE ASSOCIATES PA	1941 W T C JESTER	HOUSTON	TX	77008-1200
0892360000014	BK ELLA LTD	3700 BUFFALO SPEEDWAY STE 400	HOUSTON	TX	77098-3709
0892360000016	1805 W 18TH REALTY LTD	5353 W ALABAMA ST STE 200	HOUSTON	TX	77056-5935
0892420000006	HARVEY KENNETH R & REBECCA	1903 MILL CREEK DR	HOUSTON	TX	77008-1131
0892420000007	DORSA ANTHONY B	1907 MILL CREEK DR	HOUSTON	TX	77008-1131
0892430000012	BROUSSARD LOU ANN	2115 LAZYBROOK DR	HOUSTON	TX	77008-1226
0892430000013	BORISKIE EUGENE % EUGENE A BORISKIE TRUST	2119 LAZYBROOK DR	HOUSTON	TX	77008-1226
0892430000014	HATLEY SARAH C	2123 LAZYBROOK DR	HOUSTON	TX	77008-1226
0892430000015	BLANCHARD DENNIS J JR	2127 LAZYBROOK DR	HOUSTON	TX	77008-1226
0892430000016	DENTON DAHLIA	1607 GINGERLEAF LN	HOUSTON	TX	77055-3409
0892430000017	JOHNSON NANCY D	2205 LAZYBROOK DR	HOUSTON	TX	77008-1228
0892430000018	SEDBERRY PATRICIA L	19345 HIGHWAY 6	NAVASOTA	TX	77868-4592
0892430000019	LAUFMAN LAURI % LAUFMAN LAURI B LIVING TRUST	2211 LAZYBROOK DR	HOUSTON	TX	77008-1228
0892430000020	LITTLE JESSICA & CODY	2215 LAZYBROOK DR	HOUSTON	TX	77008-1228
0892430000021	LOGRASSO GIORDANO VINCENT	2219 LAZYBROOK DR	HOUSTON	TX	77008-1228
0892430000022	BROOKER WILLIAM T	2223 LAZYBROOK DR	HOUSTON	TX	77008-1228
0892440000016	RODRIGUEZ MATTHEW R	2303 LAZYBROOK DR	HOUSTON	TX	77008-1125
0892440000017	BARKER ROBERT B	2305 LAZYBROOK DR,	HOUSTON	TX	77008-1125
0892440000018	HANSON REED ERIC & LAUREN BETH	2307 LAZYBROOK DR	HOUSTON	TX	77008-1125
0892440000019	LANG NORRIS	2311 LAZYBROOK DR	HOUSTON	TX	77008-1125
0892440000020	BULLARD MARY ANN	2315 LAZYBROOK DR	HOUSTON	TX	77008-1125
0892440000021	BROOKS TIMOTHY & VALERIE	2319 LAZYBROOK DR	HOUSTON	TX	77008-1125
0892440000022	GARCIA MARIA TERESA	2323 LAZYBROOK DR	HOUSTON	TX	77008-1125
0892440000023	FISCHER TERESA N % LINDA NG	2327 LAZYBROOK DR	HOUSTON	TX	77008-1125
0892440000024	HALE CHRISTOPHER A	2403 LAZYBROOK DR	HOUSTON	TX	77008-1127
0892440000025	LUECK KUN	2405 LAZYBROOK	HOUSTON	TX	77008-1127
0892440000026	BREWER BENJAMIN B & ROSE	2407 LAZYBROOK DR	HOUSTON	TX	77008-1127
0892440000027	CURRENT OWNER	PO BOX 541631	HOUSTON	TX	77254-1631
0892440000028	MELEY RYAN	2415 LAZYBROOK DR	HOUSTON	TX	77008-1127
0892440000029	HANSEN JEREMY M & CRYSTAL L	2419 LAZYBROOK DR	HOUSTON	TX	77008-1127
0892440000030	STEGENT BARBARA	2423 LAZYBROOK DR	HOUSTON	TX	77008-1127
0920880000025	COOK CHRISTOPHER E	1335 SEASPRAY CT	HOUSTON	TX	77008-5134
0920880000028	HENGST KENNETH W & DAWN	1323 SEASPRAY CT	HOUSTON	TX	77008-5134
0920880000029	FOJTIK JUSTIN	1319 SEASPRAY CT	HOUSTON	TX	77008-5134
0920880000030	DASHER RONALD B	1315 SEASPRAY CT	HOUSTON	TX	77008-5134
0920880000031	ANDERSON JACQUELINE	1311 SEASPRAY CT	HOUSTON	TX	77008-5134

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0920880000032	FRYE SAMUEL H	1307 SEASPRAY CT	HOUSTON	TX	77008-5134
0920880000033	HOFFMAN JUSTIN & NICOLE	1303 SEASPRAY CT	HOUSTON	TX	77008-5134
0920880000034	FREEZE JAMES M & GRACE M	1302 SEASPRAY CT	HOUSTON	TX	77008-5134
0920880000035	THOMPSON ALEXANDER D	1310 SEASPRAY CT	HOUSTON	TX	77008-5134
0920880000037	TUSA MARGARET ANN	1318 SEASPRAY CT	HOUSTON	TX	77008-5134
0920880000038	CURRENT OWNER	1322 SEASPRAY CT	HOUSTON	TX	77008-5134
0920880000039	CANN MARY M	1326 SEASPRAY CT	HOUSTON	TX	77008-5134
0920880000040	HADDOCK ELLINGER CAROL	1330 SEASPRAY CT	HOUSTON	TX	77008-5134
0920880000041	HARVEY MERRITT JR	1334 SEASPRAY CT	HOUSTON	TX	77008-5134
0920880000042	NASH E GEO	1338 SEASPRAY CT	HOUSTON	TX	77008-5134
0920880000043	BARTLETT WILLIAM W III	1335 FOXWOOD RD	HOUSTON	TX	77008-5114
0920880000044	HINES ROBERT B ROBERT BRUSTER HINES TRUST	1331 FOXWOOD RD	HOUSTON	TX	77008-5114
0920880000045	DOWLING JOHNIE JAMES	1327 FOXWOOD RD	HOUSTON	TX	77008-5114
0920880000046	WILLIAMSON DANIEL	1323 FOXWOOD ROAD	HOUSTON	TX	77008-5114
0920880000047	SHERMAN JOHN W	1319 FOXWOOD RD	HOUSTON	TX	77008-5114
0920880000048	LU DING K & KIM MING H	1315 FOXWOOD RD	HOUSTON	TX	77008-5114
0920880000049	ERICKSON JAMES D & CHERYL	1311 FOXWOOD RD	HOUSTON	TX	77008-5114
0920880000050	STARY VIOLET B	1307 FOXWOOD RD	HOUSTON	TX	77008-5114
0920880000051	BEATY ASHLEY A	1303 FOXWOOD RD	HOUSTON	TX	77008-5114
0920880000055	KAISER DONALD V % LIVING TRUST	1327 SEASPRAY CT	HOUSTON	TX	77008-5134
0913260000001	RKM HEINS PROPERTIES IV LLC	12207 TAYLORCREST RD	HOUSTON	TX	77024-4246
0913260000035	HELBERG W T & L LACKNER	0 ELLA BLVD	HOUSTON	TX	77008
0913620000017	KAST WILLIAM R & REBECCA A	1940 W ARAPAHOE RD	LITTLETON	CO	80120-3010
0913620000018	DESSARDO VINCENT	1514 FOXWOOD RD	HOUSTON	TX	77008-5119
0913620000019	EASTWOOD JILL M & DUSTIN C	1518 FOXWOOD RD	HOUSTON	TX	77008-5119
0913620000020	AREVALO JUAN & SARAH	1606 DROXFORD DR	HOUSTON	TX	77008-3216
0913620000021	MCGEE HELEN E	1526 FOXWOOD RD	HOUSTON	TX	77008-5119
0913630000015	SCHEEL MARK	6731 CINDY LN	HOUSTON	TX	77008-5112
0913630000016	CASEY CAMILLE M & MATTHEW S	6735 CINDY LN	HOUSTON	TX	77008-5112
0913630000017	CURRENT OWNER	6739 CINDY LN	HOUSTON	TX	77008-5112
0913630000018	ARORA SHOBIT & SHASHIL	6739 CINDY LN	HOUSTON	TX	77008-5112
0913630000019	CURRENT OWNER	6747 CINDY LN	HOUSTON	TX	77008-5112
0913630000020	ROUTH DAX C	6751 CINDY LN	HOUSTON	TX	77008-5112
0913630000021	MC LAIN KATHLEEN L	6755 CINDY LN	HOUSTON	TX	77008-5112
0913630000022	SULLIVAN MICHAEL & LILLIAN	6759 CINDY LN	HOUSTON	TX	77008-5112
0913630000023	SOKOL VERNER J	6763 CINDY LN	HOUSTON	TX	77008-5112
0913630000024	SMITH FRANCES	6767 CINDY LN	HOUSTON	TX	77008-5112
0913640000001	SPEDALE FELIX J ESTATE OF	22 PARKWAY PL	HOUSTON	TX	77040-1007
0913640000002	ASKINS BRENDA T	6743 LINDYANN LN	HOUSTON	TX	77008-5132
0913640000003	SCOTT MARK E	6739 LINDYANN LN	HOUSTON	TX	77008-5132
0913640000004	CLOOS MICHAEL	6735 LINDYANN LN	HOUSTON	TX	77008-5132
0913640000005	MCALPINE SCOTT & MEGHAN	6731 LINDYANN LN	HOUSTON	TX	77008-5132
0913640000006	BONNO EVELYN M	6727 LINDYANN LN	HOUSTON	TX	77008-5132
0913640000007	MARTINEZ PATRICIA D	6723 LINDYANN LN	HOUSTON	TX	77008-5132
0913640000008	PRITCHETT IRENE % PRITCHETT JOE ESTATE OF	6719 LINDYANN LN	HOUSTON	TX	77008-5132
0913640000009	SCHMIDT SARAH W	6715 LINDYANN LN	HOUSTON	TX	77008-5132
0913640000016	HEGWOOD VERNON W & CHRISTINE E	6734 CINDY LN	HOUSTON	TX	77008-5113

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0913640000017	CURRENT OWNER	6738 CINDY LN	HOUSTON	TX	77008-5113
0913640000018	LEBLANC JOSEPH P & KASIE G	6742 CINDY LN	HOUSTON	TX	77008-5113
0913640000019	OMALLEY JAMES P & KATIE M	6746 CINDY LN	HOUSTON	TX	77008-5113
0913640000020	HOLT RICHARD M & JULIE H	6750 CINDY LN	HOUSTON	TX	77008-5113
0913640000021	KIRK BRYAN	6754 CINDY LN	HOUSTON	TX	77008-5113
0913640000022	RAMIREZ DIEGO A & KELLI L	6758 CINDY LN	HOUSTON	TX	77008-5113
0913640000023	BUTLER TIMOTHY M & LAURA H	6762 CINDY LN	HOUSTON	TX	77008-5113
0913640000024	FIKES MONTE L	6766 CINDY LN	HOUSTON	TX	77008-5113
0913650000010	FOWLER GLENN F	6714 LINDYANN LN	HOUSTON	TX	77008-5133
0913650000011	WATTS CAROLYN E	6718 LINDYANN LN	HOUSTON	TX	77008-5133
0913650000012	PEARSON MICHAEL & KAREN H	6722 LINDYANN LN	HOUSTON	TX	77008-5133
0913650000013	PEGELOW CHARLES N & SHARON	6726 LINDYANN LN	HOUSTON	TX	77008-5133
0913650000014	JANACEK KENNETH E & MARY J	6730 LINDYANN LN	HOUSTON	TX	77008-5133
0913650000015	LEWIS AUBREY	6734 LINDYANN LN	HOUSTON	TX	77008-5133
0913650000016	FROEHLICH PHILLIP S & AMBER M	6738 LINDYANN LN	HOUSTON	TX	77008-5133
0913650000017	GALLE CHRISTOPHER E & BRENNA E	6742 LINDYANN LN	HOUSTON	TX	77008-5133
0913650000018	COBLE JACK E & BETH	6746 LINDYANN LN	HOUSTON	TX	77008-5133
0913650000019	GAUTHIER MICHAEL & NICOLE	6750 LINDYANN LN	HOUSTON	TX	77008-5133
0913650000020	QUEENER MONTY & HOPE	328 WILLOW POINTE DR	LEAGUE CITY	TX	77573-6741
0913650000021	LITTLE JENNIFER A	6743 KURY LN	HOUSTON	TX	77008-5103
0913650000022	LORD MARIE & STEVEN	6739 KURY LN	HOUSTON	TX	77008-5103
0913650000023	STEPHENS MICHAEL W	6735 KURY LN	HOUSTON	TX	77008-5103
0913650000024	BRAUNAGEL STEPHEN	6731 KURY LN	HOUSTON	TX	77008-5103
0913650000025	RAGHUBAR KIMBERLY P	6727 KURY LN	HOUSTON	TX	77008-5103
0913650000026	GALVIN BETH M & GEORGE E	6723 KURY LN	HOUSTON	TX	77008-5103
0913650000027	HULL BRIAN	6719 KURY LN	HOUSTON	TX	77008-5103
0913650000028	LEDBETTER RAYMOND M	9918 GOLD CUP WAY	HOUSTON	TX	77065-4122
0913650000029	CRAIG MICHAEL	6711 KURY LN	HOUSTON	TX	77008-5103
0913650000030	GONZALES ELIAS & DRAGON SHARON	6707 KURY LN	HOUSTON	TX	77008-5103
0913650000031	SCHWENDEMAN KRISTOPHER M & CYNTHIA	6703 KURY LN	HOUSTON	TX	77008-5103
0913650000032	NEELY DORIS ESTATE OF	PO BOX 1909	BELLAIRE	TX	77402-1909
0913650000033	RUBALCAVA JOAQUIN JR & LISA E	6619 KURY LN	HOUSTON	TX	77008-5101
0913650000034	CLAPHAM HOLLY A ROSENOW	6615 KURY LN	HOUSTON	TX	77008-5101
0913650000035	HURLBERT JEFFREY SCOTT & ASHLEY AQUINTO	6611 KURY LN	HOUSTON	TX	77008-5101
0913650000036	ALVAREZ EVELYN CHRISTINA	6607 KURY LN	HOUSTON	TX	77008-5101
0913650000037	GROSCHKE PATTY	6603 KURY LN	HOUSTON	TX	77008-5101
0913660000001	COOPER KIRK M	6602 KURY LN	HOUSTON	TX	77008-5102
0913660000002	SANCHEZ ADRIAN	6606 KURY LN	HOUSTON	TX	77008-5102
0913660000003	REYNOLDS DEBRA L	6610 KURY LN	HOUSTON	TX	77008-5102
0913660000004	DECKER L STANLEY	6614 KURY LN	HOUSTON	TX	77008-5102
0913660000005	LEGGIO LINDA M	6618 KURY LN	HOUSTON	TX	77008-5102
0913660000006	CURRENT OWNER	6622 KURY LN	HOUSTON	TX	77008-5102
0913660000007	SNIDER TONY R	6702 KURY LN	HOUSTON	TX	77008-5104
0913660000008	CURRENT OWNER	6706 KURY LN	HOUSTON	TX	77008-5104
0913660000009	ADAMS BILLY RAY ESTATE OF	6710 KURY LN	HOUSTON	TX	77008-5104
0913660000010	MANGRUM CLAIRE D	6714 KURY LN	HOUSTON	TX	77008-5104
0913660000011	NEVEUX ALAN C JR & TRUSTEE	6431 HUNTERSTONE CT	HOUSTON	TX	77084-1089

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0913660000012	CURRENT OWNER	6722 KURY LN	HOUSTON	TX	77008-5104
0913660000013	CANTU LINDA L & CHRIS D	6726 KURY LN	HOUSTON	TX	77008-5104
0913660000014	KAZMIERSKI FRED F & JEANNE	6730 KURY LN	HOUSTON	TX	77008-5104
0913660000015	BERRY TIMOTHY AARON	6734 KURY LN	HOUSTON	TX	77008-5104
0913660000016	GIANNAKOPOULOS STAVROS D & SANDRA A	6738 KURY LN	HOUSTON	TX	77008-5104
0913660000017	CURRENT OWNER	6742 KURY LN	HOUSTON	TX	77008-5104
0913660000018	MISERA TREVOR G & MARGARET E	6746 KURY LN	HOUSTON	TX	77008-5104
0925320000024	GREEN BETTY	2231 DROXFORD DR	HOUSTON	TX	77008-3010
0925320000025	LOVE JOE R JR	2303 DROXFORD DR	HOUSTON	TX	77008-3012
0925320000026	LING MATTHEW R & TRACI N	2307 DROXFORD DR	HOUSTON	TX	77008-3012
0925320000027	WILLIAMS MALLORY M & JOHN F	2311 DROXFORD DR	HOUSTON	TX	77008-3012
0925320000028	LINSON ELYSIA	2315 DROXFORD DR	HOUSTON	TX	77008-3012
0925320000029	HANCOCK VALERIE A & SCOTT C	2319 DROXFORD DR	HOUSTON	TX	77008-3012
0925320000030	BOMER CAROLINE B & EDWIN J	2323 DROXFORD ST	HOUSTON	TX	77008-3012
0925320000031	BOLDEN GERALD C & SYLVIA	2327 DROXFORD DR	HOUSTON	TX	77008-3012
0925320000032	DITTMAR RAY E	2331 DROXFORD DR	HOUSTON	TX	77008-3012
0925330000001	DAZEY TIMOTHY D	2330 DROXFORD DR	HOUSTON	TX	77008-3013
0925330000002	ROSELAND CHARLES & CORISSA	2326 DROXFORD DR	HOUSTON	TX	77008-3013
0925330000003	SCOTT RUSSELL J & NATALIE ROSE	2322 DROXFORD DR	HOUSTON	TX	77008-3013
0925330000004	GONZALES ROBERT L	2318 DROXFORD DR	HOUSTON	TX	77008-3013
0925330000005	BIRD JAMIE & DAVID	1720 LIBBEY DR	HOUSTON	TX	77018-1839
0925330000006	ROBBEN DIANNE & RICHARD	2310 DROXFORD DR	HOUSTON	TX	77008-3013
0925330000007	PEREZ DANIEL J JR	2306 DROXFORD DR	HOUSTON	TX	77008-3013
0925330000008	ARMSTRONG MICHAEL A &	2302 DROXFORD	HOUSTON	TX	77008-3013
0925330000009	HEIMAN DYLAN C	2230 DROXFORD DR	HOUSTON	TX	77008-3011
0925330000010	HARTGROVE DONALD S & SAUNDRA	607 WHITE WING LN	HOUSTON	TX	77079-6812
0925330000011	PAPPAS JUSTIN M	2222 DROXFORD DR	HOUSTON	TX	77008-3011
0925330000012	SALVAGGIO TONY	2218 DROXFORD DR	HOUSTON	TX	77008-3011
0925330000013	BRAUN DORTHEY N	2214 DROXFORD DR	HOUSTON	TX	77008-3011
0925330000014	STRATTON JAMES L & KATHLEEN E	1103 LOIRE LN	HOUSTON	TX	77090-1225
0925330000015	LYNCH CONNOR	2206 DROXFORD DR	HOUSTON	TX	77008-3011
0925330000016	CURRENT OWNER	2202 DROXFORD DR	HOUSTON	TX	77008-3011
0925330000017	PEREZ DANIEL J JR	2306 DROXFORD DR	HOUSTON	TX	77008-3013
0923090000007	BROCK WILLIAM K JR	1822 TATTENHALL DR	HOUSTON	TX	77008-1014
0923090000008	NOVAK KENNETH W	1818 TATTENHALL DR	HOUSTON	TX	77008-1014
0923090000009	GHAP LLC	1601 E DEBBIE LN APT 4207	MANSFIELD	TX	76063-3685
0923090000010	DAILEY MELVIN W	1810 TATTENHALL DR	HOUSTON	TX	77008-1014
0923090000011	LOPEZ VIRGILIO A & SILVIA	1806 TATTENHALL DR	HOUSTON	TX	77008-1014
0923090000012	GHAP LLC	8 PINNACLE CT	MANSFIELD	TX	76063-3483
0923090000013	GOMEZ LILLIE T	1803 TATTENHALL DR	HOUSTON	TX	77008-1013
0923090000014	BARCIA SADIE	1111 CHESHIRE LN	HOUSTON	TX	77018-2013
0923090000015	WILLIAMS PHILLIP	1811 TATTENHALL DR	HOUSTON	TX	77008-1013
0923090000016	O'DOCHARTY CHRISTOPHER J	607 TIMBER VW	FRIENDSWOOD	TX	77546-7860
0923090000017	OFSOWITZ JENNIFER L	1819 TATTENHALL DR	HOUSTON	TX	77008-1013
0923090000018	SCOTT JACOB B & CASEY G	1823 TATTENHALL DR	HOUSTON	TX	77008-1013
0923090000019	ONEILL LINDSAY M	1827 TATTENHALL DR	HOUSTON	TX	77008-1013
0923090000020	SUGITA JEAN	1831 TATTENHALL DR	HOUSTON	TX	77008-1013

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0923090000021	CLARK CHRISTINE M	1835 TATTENHALL DR	HOUSTON	TX	77008-1013
0923090000022	LINN LAURA JEAN	PO BOX 926223	HOUSTON	TX	77292-6223
0923090000023	SEGRICH JOHN	1838 SALFORD DR	HOUSTON	TX	77008-1023
0923090000024	VIRANT STEVEN T	1834 SALFORD DR	HOUSTON	TX	77008-1023
0923090000025	ELLIS VICTORIA	1830 SALFORD DR	HOUSTON	TX	77008-1023
0923090000026	HIGGINS CHRISTOPHER T	1826 SALFORD DR	HOUSTON	TX	77008-1023
0923090000027	DEMPSEY CHRISTOPHER E	13927 KENSINGTON PL	HOUSTON	TX	77034-5435
0923090000028	COOPER BRUCE E & KATHERINE H	818 SALFORD DR	HOUSTON	TX	77008-
0923090000029	MUELLER RYAN MATTHEW	1814 SALFORD DR	HOUSTON	TX	77008-1023
0923090000030	JANDA THOMAS W	1810 SALFORD DR	HOUSTON	TX	77008-1023
0923090000031	KTEX CONSULTING INC	2005B POTOMAC DR	HOUSTON	TX	77057-2923
0923090000032	KIESCHNICK AMY MCLELLAND	1802 SALFORD DR	HOUSTON	TX	77008-1023
0923090000033	WINDSOR SHANNON RICHELLE & COLIN DOUGLAS	1803 SALFORD ST	HOUSTON	TX	77008-1015
0923090000034	STONE JOSEPH E ET UX	1807 SALFORD DR	HOUSTON	TX	77008-1015
0923090000035	CURRENT OWNER	1811 SALFORD DR	HOUSTON	TX	77008-1015
0923090000036	PUNNEO RONALD D	1815 SALFORD DR	HOUSTON	TX	77008-1015
0923090000037	LOVAT LYNN E	1819 SALFORD DR	HOUSTON	TX	77008-1015
0923090000038	CONKLIN KELLY A	1823 SALFORD DR	HOUSTON	TX	77008-1015
0923090000039	GARCIA NORMA	1827 SALFORD DR	HOUSTON	TX	77008-1015
0923090000040	MATA KELLY J & SEAN	1831 SALFORD DR	HOUSTON	TX	77008-1015
0923090000041	SMITH BETTY JEAN	319 BAYOU VIEW DR	EL LAGO	TX	77586-6103
0923090000042	MOONEY MEGAN ANNE	1839 SALFORD DR	HOUSTON	TX	77008-1015
0923090000043	DELANY DONALD A	1838 LOCKSFORD ST	HOUSTON	TX	77008-1008
0923090000044	WU MAY LIN	3615 GRAND PROMENADE LN	STAFFORD	TX	77477-4661
0923090000045	KELLEY CHARLES K	1830 LOCKSFORD ST	HOUSTON	TX	77008-1008
0923090000046	PAYNE JASON	1826 LOCKSFORD ST	HOUSTON	TX	77008-1008
0923090000047	STEWART ALFRED & ELIZABETH	1822 LOCKSFORD ST	HOUSTON	TX	77008-1008
0923090000048	MCGALLION ALISON KAYE	1818 LOCKSFORD ST	HOUSTON	TX	77008-1008
0923090000049	LUAN RE LLC	5227 BIRDWOOD RD	HOUSTON	TX	77096-2503
0923090000050	HATTEN GERALD T	1810 LOCKSFORD ST	HOUSTON	TX	77008-1008
0923090000051	ESTIS WILLIAM R & BRENDA	2227 CHANTILLY LN	HOUSTON	TX	77018-4009
0923090000052	TRITICO NATHAN	1802 LOCKSFORD ST	HOUSTON	TX	77008-1008
0923090000053	BROWN EMILIE	1814 LOCKSFORD ST	HOUSTON	TX	77008-1008
0923100000008	LEWIS ALLEN	1830 TATTENHALL DR	HOUSTON	TX	77008-1040
0923100000009	THELANDER SCOTT B & REBEKAH	1834 TATTENHALL DR	HOUSTON	TX	77008-1040
0923100000010	HOUSE ANDREW F	1838 TATTENHALL DR	HOUSTON	TX	77008-1040
0923100000011	PHOENIX EQUITY PARTNERS LLC	PO BOX 225	NEEDVILLE	TX	77461-0225
0923100000012	WILLEFORD BYRON & CAD	2503 LAZYBROOK DR	HOUSTON	TX	77008-1003
0923100000013	LUPO PHILIP J JR	2507 LAZYBROOK DR	HOUSTON	TX	77008-1003
0923100000014	SUCHICKI AUDREY	2511 LAZYBROOK DR	HOUSTON	TX	77008-1003
0923100000015	FILIPP C F	2515 LAZYBROOK DR	HOUSTON	TX	77008-1003
0923110000001	OEHL DOUGLAS DOYLE & ROCHLYNN KELSEY	1803 LOCKSFORD ST	HOUSTON	TX	77008-1007
0923110000002	EDGERLEY JAMES	1811 LOCKSFORD ST	HOUSTON	TX	77008-1007
0923110000003	CEGIELSKI CECILIA C	1815 LOCKSFORD ST	HOUSTON	TX	77008-1007
0923110000004	LOZANO RUY	1819 LOCKSFORD ST	HOUSTON	TX	77008-1007
0923110000005	FEHLER GERRAL H	1823 LOCKSFORD ST	HOUSTON	TX	77008-1007
0923110000006	PATEL KUNTAL	1825 LOCKSFORD ST	HOUSTON	TX	77008-1007

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0923110000007	IVY MATTHEW ROSS & SHELLY CAROL	1827 LOCKSFORD ST	HOUSTON	TX	77008-1007
0923110000008	BELL OMAR K	1831 LOCKSFORD ST	HOUSTON	TX	77008-1007
0923110000009	BONTE PROPERTIES LLC	2218 BROOKTREE DR	HOUSTON	TX	77008-1147
0923110000010	DOLAN BENJAMIN X	1839 LOCKSFORD ST	HOUSTON	TX	77008-1007
0923110000011	THANNISCH PAUL & ERIN	1843 LOCKSFORD ST	HOUSTON	TX	77008-1007
0923110000013	OBERLIN PAUL & NICOLE	2611 LAZYBROOK DR	HOUSTON	TX	77008-1005
0923110000014	FRYER ROSEMARIE CAITLIN	2607 LAZYBROOK DR	HOUSTON	TX	77008-1005
0923110000015	SANCHEZ CELINA	2603 LAZYBROOK DR	HOUSTON	TX	77008-1005
0923110000016	GARCIA ROSA	2519 W T C JESTER BLVD	HOUSTON	TX	77008-1313
0931100000002	ALEXANDER GREGORY K	1819 DROXFORD DR	HOUSTON	TX	77008-3103
0931100000003	DAVENPORT ROBERT W	1815 DROXFORD DR	HOUSTON	TX	77008-3103
0931100000004	MARTIN ANDREW D	1606 DROXFORD DR	HOUSTON	TX	77008-3216
0931100000005	RANDOLPH BREANNA & CHASE	1807 DROXFORD DR	HOUSTON	TX	77008-3103
0931100000006	VALENTIZ PATRICK A	1803 DROXFORD DR	HOUSTON	TX	77008-3103
0931100000007	FROEHLICH GILBERT L & BOBBIE J	1727 DROXFORD DR	HOUSTON	TX	77008-3101
0931100000008	FREY GEORGE F	1723 DROXFORD DR	HOUSTON	TX	77008-3101
0931100000009	TURNER MICHAEL & LISA	1719 DROXFORD DR	HOUSTON	TX	77008-3101
0931100000010	DYK LOIS W	1715 DROXFORD DR	HOUSTON	TX	77008-3101
0931100000011	MCCARTHY JENNIFER G	1711 DROXFORD DR	HOUSTON	TX	77008-3101
0931100000012	DANNA CHAS	1707 DROXFORD DR	HOUSTON	TX	77008-3101
0931100000013	MARTIN ANDREW D	1606 DROXFORD DR	HOUSTON	TX	77008-3216
0931100000014	GALATAS MARCIA K	1823 DROXFORD DR	HOUSTON	TX	77008-3103
0931110000001	QUIN DELORES K % QUIN HARRY HARVEY EST OF	1822 DROXFORD DR	HOUSTON	TX	77008-3104
0931110000002	BOREL CAROLYN V	1818 DROXFORD DR	HOUSTON	TX	77008-3104
0931110000003	DAVENPORT CHARLES O JR	1814 DROXFORD DR	HOUSTON	TX	77008-3104
0931110000004	CURRENT OWNER	11126 CAPRI ST	HOUSTON	TX	77024-4522
0931110000005	STORER PARTICK A & ELIZABETH W I	1806 DROXFORD DR	HOUSTON	TX	77008-3104
0931110000006	PEREGO WILLIAM LEE	1802 DROXFORD DR	HOUSTON	TX	77008-3104
0931110000007	CURRENT OWNER	1726 DROXFORD DR	HOUSTON	TX	77008-3102
0931110000008	GRIFFIN JOHNNY L	1722 DROXFORD DR	HOUSTON	TX	77008-3102
0931110000009	KWIE SAMUEL W & BRENDA	1718 DROXFORD DR	HOUSTON	TX	77008-3102
0931110000010	MARBURGER JERRY LEE	1714 DROXFORD DR	HOUSTON	TX	77008-3102
0931110000011	KLEIN RANDALL D JR & SHEILA	1710 DROXFORD DR	HOUSTON	TX	77008-3102
0931110000012	SZYMCZAK JEFFREY D & KIMBERLY M	1706 DROXFORD DR	HOUSTON	TX	77008-3102
0931110000013	RKM HEINS PROPERTIES III LLC % MARSHALL HEINS	12207 TAYLORCREST RD	HOUSTON	TX	77024-4246
0931110000014	JAYSON MICHAEL & MARIANNA	6502 KURY LN	HOUSTON	TX	77008-5107
0931110000015	LUCAS MARY ELLEN	6506 KURY LN	HOUSTON	TX	77008-5107
0931110000016	CURRENT OWNER	6510 KURY LN	HOUSTON	TX	77008-5107
0931110000017	LAWRENCE HUNTER & MACY	6514 KURY LN	HOUSTON	TX	77008-5107
0931110000018	COUMONT HUGO	6518 KURY LN	HOUSTON	TX	77008-5107
0931110000019	MARTINEZ ROY C & GLORIA	6522 KURY LN	HOUSTON	TX	77008-5107
0931110000020	BERRY MICHAEL & ALEXANDRA	1318 ELLA PLACE	HOUSTON	TX	77008-6234
0931110000021	BEHAZIN REZA & GLORIA	6530 KURY LN	HOUSTON	TX	77008-5107
0931110000022	CURRENT OWNER	6534 KURY LN	HOUSTON	TX	77008-5107
0931110000023	COOPER GAYLE E	6538 KURY LN	HOUSTON	TX	77008-5107
0931110000024	BROUSSARD CHRISTI J	6542 KURY LN	HOUSTON	TX	77008-5107
0931110000025	KENT BARBARA D & STEVEN H	6546 KURY LN	HOUSTON	TX	77008-5107

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0931110000026	GUYNN RICHARD & LINDA	6550 KURY LN	HOUSTON	TX	77008-5107
0931110000027	ROWAN CHARLES L	6547 KURY LN	HOUSTON	TX	77008-5107
0931110000028	REAGAN RONALD W	6543 KURY LN	HOUSTON	TX	77008-5107
0931110000029	CALVERY GRADY J III & ERICA	6539 KURY LN	HOUSTON	TX	77008-5107
0931110000030	SCHOELLKOPF A J JR	6535 KURY LN	HOUSTON	TX	77008-5107
0931110000031	JAMES MARK	6531 KURY LN	HOUSTON	TX	77008-5107
0931110000032	SYNA CHARLOTTE C & J E	6527 KURY LN	HOUSTON	TX	77008-5107
0931110000033	BONNER DANNY & STEPHANIE	6523 KURY LN	HOUSTON	TX	77008-5107
0931110000034	WILHOIT KRISTI & STANLEY	6519 KURY LN	HOUSTON	TX	77008-5107
0931110000035	LOOK JEFFREY W	6515 KURY LN	HOUSTON	TX	77008-5107
0931110000036	BEHAZIN REZA & GLORIA	6530 KURY LN	HOUSTON	TX	77008-5107
0931110000037	MOON HOWARD D & JEANETTE	6507 KURY LN	HOUSTON	TX	77008-5107
0931110000038	DEJOHN GLORIA C ESTATE OF	8325 WINNINGHAM LN	HOUSTON	TX	77055-7529
0931110000039	VANCE M A & D I LLOYD	0 ELLA BLVD	HOUSTON	TX	77008
0952420000002	FLOWSERVE RED CORP ATTN: TAX DEPARTMENT	5215 N O CONNOR BLVD STE 2300	IRVING	TX	75039-3726
0952420000004	HILLMAN DIST CO	4234 RICHMOND AVE	HOUSTON	TX	77027-6839
0952420000005	TDWYNNWOOD LLC	3960 WESTLAKE	AUSTIN	TX	78746-1664
0952420000006	BINZ D T	1441 SEAMIST DR	HOUSTON	TX	77008-5019
0952430000001	TERSCO PROPERTY MGMT LTD	11401 ROOSEVELT BLVD	PHILADELPHIA	PA	19154-2102
0952430000003	SL6 LOGISTIC LP	3200 GRACIE KILTZ LN STE 500	AUSTIN	TX	78758-3004
0952430000004	BURCO HOLDINGS LLC	6807 WYNNWOOD LN	HOUSTON	TX	77008-5023
0952430000005	WEST JOHN R % MELAINGE FINE CUISINE	6803 WYNNWOOD LN	HOUSTON	TX	77008-5023
0952430000010	JAMES B HUMPHREY JR 1998 TRUST	6877 WYNNWOOD LN # 1	HOUSTON	TX	77008-5023
0952430000011	SANGALLI REAL ESTATE LTD	311 E VICKERY BLVD	FORT WORTH	TX	76104-1352
0952430000012	GLAUSER HARRY J III	3101 RICHMOND AVE STE 100	HOUSTON	TX	77098-3013
0994020000016	WONG TING LAI	2510 BROOKTREE DR	HOUSTON	TX	77008-1114
0994020000018	WU MAGGI M	2502 BROOKTREE DR	HOUSTON	TX	77008-1114
0994020000019	CULBERTSON RYAN	2442 BROOKTREE DR	HOUSTON	TX	77008-1194
0994020000020	TADLOCK PATRICIA L	2438 BROOKTREE DR	HOUSTON	TX	77008-1194
0994020000021	TUTTLE-WURTH JUDY	2434 BROOKTREE DR	HOUSTON	TX	77008-1194
0994030000001	JENNINGS CHARLES D III & ASHTON JANE	2426 BROOKTREE DR	HOUSTON	TX	77008-1112
0994030000002	HARVEY TERRY J & LAURA	2422 BROOKTREE DR	HOUSTON	TX	77008-1112
0994030000003	NITZSCHE JIMMY R	2409 ANDERSON CO RD 335	PALESTINE	TX	75801-
0994030000004	SZYDLIK MICHAEL V & BERNADINE	2414 BROOKTREE DR	HOUSTON	TX	77008-1112
0994030000005	LEWIS MICHAEL W & BARBARA	2410 BROOKTREE DR	HOUSTON	TX	77008-1112
0994030000006	MARTINEZ JOHN M & KIMBERLY A	2406 BROOKTREE	HOUSTON	TX	77008-1112
0994030000007	NOSER ROBERT R	2402 BROOKTREE DR	HOUSTON	TX	77008-1112
0994030000008	CHIU NANCY C	2326 BROOKTREE DR	HOUSTON	TX	77008-1110
0994030000009	CANTU MANUEL H JR	2322 BROOKTREE DR	HOUSTON	TX	77008-1110
0994030000010	CURRENT OWNER	2318 BROOKTREE DR	HOUSTON	TX	77008-1110
0994030000012	LERO PATRICIA % LERO BYPASS TRUST	2314 BROOKTREE DR	HOUSTON	TX	77008-1110
0994030000013	TYSON JANET P	2310 BROOKTREE DR	HOUSTON	TX	77008-1110
0994050000028	VADELL DENISE MARIE	2002 CRYSTAL CT	HOUSTON	TX	77008-1119
0994050000029	ARMSTRONG JENNIFER	2003 GREENGRASS CT	HOUSTON	TX	77008-1123
0994050000047	CROSS DONALD	2019 GREENGRASS CT	HOUSTON	TX	77008-1123
0994060000001	O'KELLEY RYAN & LINDSEY	2002 GREENGRASS CT	HOUSTON	TX	77008-1124
0994060000011	BURCHFIELD THOMAS PAUL & SARAH ANN	1609 W 12TH ST	HOUSTON	TX	77008-6446

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
0994070000001	MCNEILL SHARON E	2435 BROOKTREE DR	HOUSTON	TX	77008-1111
0994070000002	HAMPTON DAVID W & JENNIFER	2431 BROOKTREE DR	HOUSTON	TX	77008-1111
0994070000003	BROUSSARD JOHN C	2427 BROOKTREE DR	HOUSTON	TX	77008-1111
0994070000004	HYDER SCOTT C & SARA	2003 CRYSTAL CT	HOUSTON	TX	77008-1118
0983270000001	SOUTHWEST BUSINESS PROPERTIES LLC	9000 HEMPSTEAD RD STE 200	HOUSTON	TX	77008-6039
0983270000002	IRON OWNER LLC	9 W 57TH ST 42ND FLR	NEW YORK	NY	10019-2701
0983270000003	IRON OWNER LLC	9 W 57TH ST FL 42	NEW YORK	NY	10019-2701
0983270000004	7232 WYNNPARK CO	821 HODGKINS ST STE B	HOUSTON	TX	77032-2733
0983270000006	WESTCORE ALPHA HOUSTON I LLC	4350 LA JOLLA VILLAGE DR STE 900	SAN DIEGO	CA	92122-1246
0983270000007	WESTCORE ALPHA HOUSTON I LLC	4350 LA JOLLA VILLAGE DR STE 900	SAN DIEGO	CA	92122-1246
0983270000008	WESTCORE ALPHA HOUSTON I LLC	4350 LA JOLLA VILLAGE DR STE 900	SAN DIEGO	CA	92122-1246
0983270000009	IRON OWNER LLC	9 W 57TH ST FL 42	NEW YORK	NY	10019-2701
0983270000010	7200 WYNNPARK LP	7026 OLD KATY RD	HOUSTON	TX	77024-2133
0983270000011	JCB 8990 INTERESTS LLC	8990 HEMPSTEAD RD STE 200	HOUSTON	TX	77008-6035
0983270000015	7200 WYNNPARK LP C/O MICHELLE BAUMANN	7026 OLD KATY RD	HOUSTON	TX	77024-2133
0983280000001	WYNNPARK INVESTMENTS LLC % MARKUS BARTL	2239 NAOMI ST	HOUSTON	TX	77054-3823
0983280000002	CURRENT OWNER	106 COVE CREEK LN	HOUSTON	TX	77042-1020
0983280000003	FIRST INDUSTRIAL LP	8800 JAMEEL RD STE 150	HOUSTON	TX	77040-6031
0983280000004	FIRST INDUSTRIAL LP	1225 NORTH LOOP W STE 700	HOUSTON	TX	77008-1775
0983280000005	FIRST INDUSTRIAL LP	1225 NORTH LOOP W STE 700	HOUSTON	TX	77008-1775
0992210000010	DICKSON REAL ESTATE LLC	6900 OVERMYER DR	HOUSTON	TX	77008-5016
0992220000001	DEWALCH HOLDINGS LLC	1441 SEAMIST DR	HOUSTON	TX	77008-5019
0992220000002	AVKW LLC	1440 GREENGRASS DR	HOUSTON	TX	77008-5006
0992220000003	MISSOURI PACIFIC RAILROAD COMPANY UNION PACIFIC RAILROAD CO	1400 DOUGLAS ST STOP 1640	OMAHA	NE	68179-1001
0992230000002	SL6 LOGISTICS LP	100 CRESCENT CT STE 850	DALLAS	TX	75201-6904
0992230000004	AGELLAN COMMERCIAL REIT US LP	156 FRONT ST STE 303 TORONTO ON M5J 2L6			
0992230000006	SL6 LOGISTICS LP	100 CRESCENT CT STE 850	DALLAS	TX	75201-6904
0992230000010	MISSOURI PACIFIC RAILROAD COMPANY UNION PACIFIC RAILROAD CO	1400 DOUGLAS ST STOP 1640	OMAHA	NE	68179-1001
0992230000012	MISSOURI PACIFIC RAILROAD COMPANY UNION PACIFIC RAILROAD CO	1400 DOUGLAS ST STOP 1640	OMAHA	NE	68179-1001
1022100000001	2801 NLW LLC C/O RON NIXON	1375 ENCLAVE PKWY	HOUSTON	TX	77077-2026
1088230000001	JAKLL HOLDINGS LLC	1710 SEAMIST DR	HOUSTON	TX	77008-3119
1111230000001	PARIKH MRUGESH	2802 TRAILRIDGE CT	MISSOURI CITY	TX	77459
1111230000002	HEIGHTAREL 2121 LLC	540 MADISON AVE 26TH FLR	NEW YORK	NY	10022-3241
1143490000001	2100 W 18TH LLC	5802 TARPON BAY CT	SUGAR LAND	TX	77479-3568
1143490000002	SKIPPER BEVERAGE COMPANY INC	PO BOX 52085 DC-17	PHOENIX	AZ	85072-2085
1224940010001	WELLS BILLY C & LAURA M	PO BOX 550	AGUA DULCE	TX	78330-0550
1224940010002	SPECTOR JONATHAN	3107 HERITAGE CREEK OAKS	HOUSTON	TX	77008-6159
1224940010003	CHAWLA ANAND	3111 HERITAGE CREEK OAKS	HOUSTON	TX	77008-6159
1224940010004	GIBBONS WILLIAM J	58 HERITAGE HILL CIR	SPRING	TX	77381-1402
1224940010005	SHERRY TRISHA	3119 HERITAGE CREEK OAKS	HOUSTON	TX	77008-6159
1224940010006	GODBOLD JEFF & KRISTY	3123 HERITAGE CREEK OAKS	HOUSTON	TX	77008-6159
1224940010007	CIRRONE PETER J & HELEN	3127 HERITAGE CREEK OAKS	HOUSTON	TX	77008-6159
1224940010008	KLAIBER WALTER J	3131 HERITAGE CREEK OAKS	HOUSTON	TX	77008-6159
1224940010009	ROUTH DAX C & COURTNEY D	6751 CINDY LN	HOUSTON	TX	77008-5112
1224940010010	GARCIA RUBEN & NELDA Z	5418 HULEN DR	CORPUS CHRISTI	TX	78413-2245
1224940010011	ARTZE HOPE M	3122 HERITAGE CREEK TER	HOUSTON	TX	77008-6150
1224940010012	BAKER LARA J & MICHAEL J	3118 HERITAGE CREEK TER	HOUSTON	TX	77008-6150

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
1224940010013	BRAND NOLAN PATRICK	3114 HERITAGE CREEK TER	HOUSTON	TX	77008-6150
1224940010014	ROBBINS SHELLEY	3110 HERITAGE CREEK TER	HOUSTON	TX	77008-6150
1224940010015	BAUGHN LAYLA Z & ERIC	3106 HERITAGE CREEK TER	HOUSTON	TX	77008-6150
1224940010016	DURAN JESUS HECTOR JR	3102 HERITAGE CREEK TER	HOUSTON	TX	77008-6150
1224940010017	CHUNG JOSE A	3030 HERITAGE CREEK TER	HOUSTON	TX	77008-6100
1224940010018	STACEY JAMES EDWARD	3026 HERITAGE CREEK TER	HOUSTON	TX	77008-6100
1224940010019	SMITH WINTER J & KELLIE M	2501 PEBBLE SHORES LN	PEARLAND	TX	77584-
1224940010020	ORTEGA BRUNO	3018 HERITAGE CREEK TER	HOUSTON	TX	77008-6100
1224940010021	MCDANIEL NICHOLAS	3014 HERITAGE CREEK TER	HOUSTON	TX	77008-6100
1224940010022	KUKKUCK ERIC	16835 ALGONQUIN ST UNIT 250	HUNTINGTON BEACH	CA	92649-3810
1224940010023	LAINE BRIAN C & MACKENZIE B	3006 HERITAGE CREEK TER	HOUSTON	TX	77008-6100
1224940010024	PADRON JOSE III	3002 HERITAGE CREEK TER	HOUSTON	TX	77008-6100
1224940010025	CIBILS JACQUES A	16323 HUNTERS TRL	MONTGOMERY	TX	77356-3341
1224940010026	CARLISLE MARIE L	1214 HERITAGE CREEK PARK	HOUSTON	TX	77008-6160
1224940010027	GLOVER JASON	1210 HERITAGE CREEK PARK	HOUSTON	TX	77008-6160
1224940010028	RODEN KATY L	1206 HERITAGE CREEK PARK	HOUSTON	TX	77008-6160
1224940010029	VIRGADAMO FRANK M & JOANN	1202 HERITAGE CREEK PARK	HOUSTON	TX	77008-6160
1224940010030	BALI MINAKSHI O	3003 HERITAGE CREEK OAKS	HOUSTON	TX	77008-6157
1224940010031	CALZADO ARANZAZU M	3007 HERITAGE CREEK OAKS	HOUSTON	TX	77008-6157
1224940010032	FORE DEBORAH L	3011 HERITAGE CREEK OAKS	HOUSTON	TX	77008-6157
1224940010033	STELL MARK & JODY	3015 HERITAGE CREEK OAKS	HOUSTON	TX	77008-6157
1224940010034	QUINN CHANEL	3019 HERITAGE CREEK OAKS	HOUSTON	TX	77008-6157
1224940010035	MALNOR MICHAEL	3023 HERITAGE CREEK OAKS	HOUSTON	TX	77008-6157
1224940010036	HERITAGE CREEK HOMEOWNER ASSOCIATION INC C/O HOUSTON HOA MANAGEMENT	PO BOX 133063	SPRING	TX	77393-3063
1224940010037	HERITAGE CREEK HOMEOWNER ASSOCIATION INC C/O HOUSTON HOA MANAGEMENT	PO BOX 133063	SPRING	TX	77393-3063
1224940010038	HERITAGE CREEK HOMEOWNER ASSOCIATION INC C/O HOUSTON HOA MANAGEMENT	PO BOX 133063	SPRING	TX	77393-3063
1224940010039	HERITAGE CREEK HOMEOWNER ASSOCIATION INC C/O HOUSTON HOA MANAGEMENT	PO BOX 133063	SPRING	TX	77393-3063
1224940010040	HERITAGE CREEK HOMEOWNER ASSOCIATION INC C/O HOUSTON HOA MANAGEMENT	PO BOX 133063	SPRING	TX	77393-3063
1224940020001	KASSAR GHAYDAA SAMIR	3014 HERITAGE CREEK OAKS	HOUSTON	TX	77008-6156
1224940020002	CURRENT OWNER	3018 HERITAGE CREEK OAKS	HOUSTON	TX	77008-6156
1224940020003	THOMAS ERICA L	3022 HERITAGE CREEK OAKS	HOUSTON	TX	77008-6156
1224940020004	CARTER ROBERT J	3026 HERITAGE CREEK OAKS	HOUSTON	TX	77008-6156
1224940020005	ZILLOW HOMES PROPERTY TRUST	4343 N SCOTTSDALE RD STE 390	SCOTTSDALE	AZ	85251-3347
1224940020006	CASTRO GUILLERMO M	3106 HERITAGE CREEK OAKS	HOUSTON	TX	77008-6158
1224940020007	BURROUGHS CONNIE	3110 HERITAGE CREEK OAKS	HOUSTON	TX	77008-6158
1224940020008	EASTON ANDREW G	PO BOX 4764	HOUSTON	TX	77210-4764
1224940020009	BUNDY WILLIAM & STACEY	3118 HERITAGE CREEK OAKS	HOUSTON	TX	77008-6158
1224940020010	AYYAT MARIA M & ASHRAF F	3122 HERITAGE CREEK OAKS	HOUSTON	TX	77008-6158
1224940020011	BROWNE HEATHER L	3126 HERITAGE CREEK OAKS	HOUSTON	TX	77008-6158
1224940020012	HACKNEY LAWRENCE F & SYLVIA M	3127 HERITAGE CREEK TER	HOUSTON	TX	77008-6155
1224940020013	GATES JACQUELINE & ROBERT	3123 HERITAGE CREEK TER	HOUSTON	TX	77008-6155
1224940020014	ROBERTSON GREGORY S & JULIA K	3119 HERITAGE CREEK TER	HOUSTON	TX	77008-6155
1224940020015	BURROUGHS MICHAEL R	3115 HERITAGE CREEK TER	HOUSTON	TX	77008-6155
1224940020016	KENNEDY DANIEL D & CAROL LAFAY D	945 MCKINNEY ST UNIT 11149	HOUSTON	TX	77002-6308
1224940020017	ROBERTS JOHANN & JERYN	3107 HERITAGE CREEK TER	HOUSTON	TX	77008-6155
1224940020018	DUNN GLENDA	3103 HERITAGE CREEK TER	HOUSTON	TX	77008-6155
1224940020019	SCHANZENBACH ROXANN	3027 HERITAGE CREEK TER	HOUSTON	TX	77008-6149

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
1224940020020	FEASTER KENNETH P	3023 HERITAGE CREEK TER	HOUSTON	TX	77008-6149
1224940020021	GEE JASON A & SAMANTHA A	3019 HERITAGE CREEK TER	HOUSTON	TX	77008-6149
1224940020022	RAJABIAN SEYED BABAK	3015 HERITAGE CREEK TERRACE	HOUSTON	TX	77008-6149
1224940020023	HERITAGE CREEK HOMEOWNER ASSOCIATION INC C/O HOUSTON HOA MANAGEMENT	PO BOX 133063	SPRING	TX	77393-3063
1224940020024	HERITAGE CREEK HOMEOWNERS ASSN INC C/O HOUSTON HOA MANAGEMENT	PO BOX 133063	SPRING	TX	77393-3063
1238120010001	SESSIONS NIKI D	1220 SEAMIST DR	HOUSTON	TX	77008-6146
1238120010002	ROSENBERG MARC	1222 SEAMIST DR	HOUSTON	TX	77008-6146
1238120010003	SHULTS DEBORAH L	1224 SEAMIST DR	HOUSTON	TX	77008-6146
1238120010004	SCHMIDT DOROTHY DAVIS	1226 SEAMIST DR	HOUSTON	TX	77008-6146
1238120010005	TALMADGE NEAL R & CINDY L	1228 SEAMIST DR	HOUSTON	TX	77008-6146
1238120010006	CURRENT OWNER	1230 SEAMIST DR	HOUSTON	TX	77008-6146
1238120010007	GONZALEZ CARLOS % CARLOS GONZALEZ 2011 TRUST	3003 W ALABAMA ST	HOUSTON	TX	77098-2001
1238120010008	KING WALTER D & VIOLA D	1234 SEAMIST DR	HOUSTON	TX	77008-6146
1238120010009	ROACH BENJAMIN & LISA	1236 SEAMIST DR	HOUSTON	TX	77008-6146
1238120010010	CURRENT OWNER	1238 SEAMIST DR	HOUSTON	TX	77008-6146
1238120010011	KELSO AMY F	1240 SEAMIST DR	HOUSTON	TX	77008-6146
1238120010012	WILSON DEBRA	1242 SEAMIST DR	HOUSTON	TX	77008-6146
1238120010013	TIPTON JERRY W	1272 SEAMIST DR	HOUSTON	TX	77008-6146
1238120010014	RAY CHRISTOPHER D	1274 SEAMIST DR	HOUSTON	TX	77008-6146
1238120010015	LUCAS MELISSA MARIE	1276 SEAMIST DR	HOUSTON	TX	77008-6146
1238120010016	FAGGARD ANGELA I	1278 SEAMIST DR	HOUSTON	TX	77008-6146
1238120010017	HANCOCK SHARLA M	1280 SEAMIST DR	HOUSTON	TX	77008-6146
1238120010018	GUAJARDO BENJIE	1282 SEAMIST DR	HOUSTON	TX	77008-6146
1238120010019	KAMP NANCY	1284 SEAMIST DR	HOUSTON	TX	77008-6146
1238120010020	GUERRERO RALPH	1002 YAUPON SQUARE LN	HOUSTON	TX	77008-1298
1238120010021	CURRENT OWNER	1288 SEAMIST DR	HOUSTON	TX	77008-6146
1238120010022	DARLENE FAYE MERCER % DARLENE FAYE MERCER TRUST	1290 SEAMIST DR	HOUSTON	TX	77008-6146
1238120010023	FLY DAVID B JR & MANUELA C	1292 SEAMIST DR	HOUSTON	TX	77008-6146
1238120010024	GOOSEN REBECCA ANN	1294 SEAMIST DR	HOUSTON	TX	77008-6146
1238120010025	PAPPAS CAROL WICKWARE	1296 SEAMIST DR	HOUSTON	TX	77008-6146
1238120010026	CRONA MARK E & TIFFANY W	1298 SEAMIST DR	HOUSTON	TX	77008-6146
1238120020001	ADDISON KARLA T	1256 SEAMIST DR	HOUSTON	TX	77008-6146
1238120020002	BALDEZ JOHN P	1254 SEAMIST DR	HOUSTON	TX	77008-6146
1238120020003	HINOJOSA OVIDIO H	1252 SEAMIST DR	HOUSTON	TX	77008-6146
1238120020004	FINKEN CHRISTY LYNNE	1250 SEAMIST DR	HOUSTON	TX	77008-6146
1238120020005	STELLA LOMBARDINO TRUST STELLA LOMBARDINO	4629 OAKDALE ST	BELLAIRE	TX	77401-2501
1238120020006	BUCKLES MAXINE N	1246 SEAMIST DR	HOUSTON	TX	77008-6146
1238120020007	PATTON ROGERS E & CAROL A	1244 SEAMIST DR	HOUSTON	TX	77008-6146
1238120020008	PATTON PAIGE	1270 SEAMIST DR	HOUSTON	TX	77008-6146
1238120020009	MONTOYA MARTIN M & ANGELIQUE	1268 SEAMIST DR	HOUSTON	TX	77008-6146
1238120020010	SOLIS-GUARDIA OSCAR	1266 SEAMIST DR	HOUSTON	TX	77008-6146
1238120020011	RIVERA DANIEL JUVENTINO	1264 SEAMIST DR	HOUSTON	TX	77008-6146
1238120020012	CHEHAB MAHER & TONYA	1262 SEAMIST DR	HOUSTON	TX	77008-6146
1238120020013	FODERETTI MICHAEL A JR & LAUREN M	1260 SEAMIST DR	HOUSTON	TX	77008-6146
1238120020014	GARCIA HENRY	1258 SEAMIST DR	HOUSTON	TX	77008-6146
1238120020015	TANGLEY DEVELOPMENT	3515 TANGLEY RD	HOUSTON	TX	77005-2249
1252190010001	1301 GREENGRASS LP % JIM STARK	8300 WINNINGHAM LN	HOUSTON	TX	77055-7530

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
1268570010001	WEST 18 STREET APARTMENTS OWNER LLC JRK INVESTORS INC	11766 WILSHIRE BLVD FL 15	LOS ANGELES	CA	90025-6538
1268570010002	WHITNEY BANK C/O TAX DEPARTMENT 5TH FLR	PO BOX 4019	GULFPORT	MS	39502-4019
1268570010003	INDIAN CREEK REALTY HOLDINGS IV LLC	1800 AUGUSTA UNIT 400	HOUSTON	TX	77057-3131
1271560010001	SEARCEY LEANNE M	6507 AZALEA PARK	HOUSTON	TX	77008-1292
1271560010002	PATRICK KRYSTAL N	6511 AZALEA PARK	HOUSTON	TX	77008-1292
1271560010003	SIMMONS KELLY R	1433 W 23RD ST UNIT H	HOUSTON	TX	77008-2169
1271560010004	DELARIVA MIGUEL & PATRICIA E	6519 AZALEA PARK	HOUSTON	TX	77008-1292
1271560010005	HUMPHREYS JONATHAN P & MARGARET F	1334 ELLA PLACE	HOUSTON	TX	77008-6234
1271560010006	LI DAVID	1330 ELLA PL	HOUSTON	TX	77008-6234
1271560010007	TRAN MIMI	1326 ELLA PL	HOUSTON	TX	77008-6234
1271560010008	TERECHINE PAVEL A &	1322 ELLA PL	HOUSTON	TX	77008-6234
1271560010009	HARDYKNOWLES IAN D & MOLLY H	553 W FOOTHILL BLVD UNIT 130	GLENDORA	CA	91741-2483
1271560010010	RUDEL AMANDA	1314 ELLA PLACE	HOUSTON	TX	77008-6234
1271560010011	SIMMONS-NOUT ALEXANDRA	1310 ELLA PLACE	HOUSTON	TX	77008-6234
1271560020001	CURRENT OWNER	6508 AZALEA PARK	HOUSTON	TX	77008-1290
1271560020002	WICKHAM PRESCOTT	6512 AZALEA PARK	HOUSTON	TX	77008-1290
1271560020003	DELARIVA CRISTIAN V & BRIDGET A	6516 AZALEA PARK	HOUSTON	TX	77008-1290
1271560020004	OTOOLE PATRICIA	6520 AZALEA PARK	HOUSTON	TX	77008-1290
1271560020005	APPLEBAUM ALLEN J & PHYLLIS R	1370 ELLA PL	HOUSTON	TX	77008-6234
1271560020006	CURREN JOSEPH & MORGAN	1374 ELLA PL	HOUSTON	TX	77008-6234
1271560020007	NWAGWU NNEOMA J	1378 ELLA PL	HOUSTON	TX	77008-6234
1271560020008	HUNT KIRSTEN J	1382 ELLA PL	HOUSTON	TX	77008-6234
1271560020009	NGUYEN VI HOANG KIM	1383 ELLA PL	HOUSTON	TX	77008-6235
1271560020010	SPIERS DONNIE L	1379 ELLA PL	HOUSTON	TX	77008-6235
1271560020011	BAWEJA MEENAKSHI	7421 FRANKFORD RD APT 316	DALLAS	TX	75252-8151
1271560020012	CURRENT OWNER	1371 ELLA PL	HOUSTON	TX	77008-6235
1271560020013	CURRENT OWNER	1367 ELLA PL	HOUSTON	TX	77008-6235
1271560020014	LAND BENITA F & CHRISTOPHER S	1363 ELLA PL	HOUSTON	TX	77008-6235
1271560020015	MURRAY RYAN V & TIFFANY M	1359 ELLA PL	HOUSTON	TX	77008-6235
1271560020016	COLLINS MICHELLE J & JEREMIAH D	1355 ELLA PL	HOUSTON	TX	77008-6235
1271560020017	RUFYIKIRI NICOLAS & CAROLINE A	1351 ELLA PL	HOUSTON	TX	77008-6235
1271560020018	GAWICK SARA JANE	1347 ELLA LEE PLACE	HOUSTON	TX	77008-
1271560020019	KLAPESKY SUSAN L	1343 ELLA PL	HOUSTON	TX	77008-6235
1271560020020	NEELY MATTHEW	1339 ELLA PL	HOUSTON	TX	77008-6235
1271560020021	CORNELIUS ADAM	1335 ELLA PL	HOUSTON	TX	77008-6235
1271560020022	STRATING JOHN R	1331 ELLA PL	HOUSTON	TX	77008-6235
1271560020023	PHILLIPS JOSEPH D & CAROLYN A	1327 ELLA PL	HOUSTON	TX	77008-6235
1271560020024	LOZIER CHRISTOPHER M	6300 SEAWAL BLVD UNIT 7204	GALVESTON	TX	77551-2219
1271560020025	BRADLEY SUSAN V	1319 ELLA PLACE	HOUSTON	TX	77008-6235
1271560020026	GERNGROSS JAMI	1315 ELLA PL	HOUSTON	TX	77008-6235
1271560020027	CURRENT OWNER	1311 ELLA PL	HOUSTON	TX	77008-6235
1271560020028	NWOSUOCHA ANITA	1307 ELLA PL	HOUSTON	TX	77008-6235
1271560020029	HOLLEY JILL J	1303 ELLA PL	HOUSTON	TX	77008-6235
1271560020030	GEPPERT HOLLAND PROPERTIES LLC	0 ELLA PL	HOUSTON	TX	
1283230010001	FLEMING LOOP PARTNERS LTD ET AL	3810 WILLOWICK RD	HOUSTON	TX	77019-1118
1283230010006	VA MF HOUSTON LLC	888 SEVENTH AVE 11TH FLR	NEW YORK	NY	10106-0001
1287880010001	LAGARDE RAYMOND L	3518 URBAN WOODS TRL	HOUSTON	TX	77008-1394

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
1287880010002	BARRAGAN ALEJANDRO	3514 URBAN WOODS TRL	HOUSTON	TX	77008-1394
1287880010003	MAYERICK BRIAN A	3510 URBAN WOODS TRL	HOUSTON	TX	77008-1394
1287880010004	OGORMAN ELAINE	3506 URBAN WOODS TRL	HOUSTON	TX	77008-1394
1287880010005	GONZALEZ ROBERT RAY & RODICA	3502 URBAN WOODS TRL	HOUSTON	TX	77008-1394
1287880010006	CURRENT OWNER	1030 YAUPON SQUARE LN	HOUSTON	TX	77008-1298
1287880010030	ROTHROCK ERIN A	1047 VAULTED OAK ST	HOUSTON	TX	77008-1297
1287880010031	GARZA JULIO M & YOLANDA I	3550 URBAN WOODS TRL	HOUSTON	TX	77008-1394
1287880010032	HICKEY DARRELL P	3546 URBAN WOODS TRL	HOUSTON	TX	77008-1394
1287880010033	SEAMAN JULIA & TYLER	3542 URBAN WOODS TRL	HOUSTON	TX	77008-1394
1287880010034	SNELGROVE ANDREW J & LESLIE ZIEDMAN	3538 URBAN WOODS TRL	HOUSTON	TX	77008-1394
1287880010035	BUSH GARY T	3534 URBAN WOODS TRL	HOUSTON	TX	77008-1394
1287880010036	MINTZER RAND A & ANDREA M	3530 URBAN WOODS TRL	HOUSTON	TX	77008-1394
1287880010037	MCNIFF MICHAEL S ESTATE OF	3526 URBAN WOODS TRL	HOUSTON	TX	77008-1394
1287880010038	TIMBERGROVE POINT HOA INC	11118 CYPRESS N HOUSTON RD	HOUSTON	TX	77065-1903
1287880010039	TIMBERGROVE POINT HOA INC	11118 CYPRESS N HOUSTON RD	HOUSTON	TX	77065-1903
1287880030009	TIMBERGROVE POINT HOA INC	11118 CYPRESS N HOUSTON RD	HOUSTON	TX	77065-1903
1289520010001	CENTENO ENRIQUE	916 FAIRBANKS ST	HOUSTON	TX	77009-1404
1289520010002	YI STEVE	719 WELLINGTON	HOUSTON	TX	77094-1132
1289520010003	HELY PETER M	3606 HEMPSTEAD VILLA DR	HOUSTON	TX	77008-6172
1289520010004	WILLIAMS BRETTON W	3602 HEMPSTEAD VILLA DR	HOUSTON	TX	77008-6172
1289520010005	MERRIKH JIMMY	1159 HEMPSTEAD VILLA LN	HOUSTON	TX	77008-6049
1289520010006	FAIR BARRY J	1163 HEMPSTEAD VILLA LN	HOUSTON	TX	77008-6049
1289520010007	ZILLOW HOMES PROPERTY TRUST	4343 N SCOTTSDALE RD STE 390	SCOTTSDALE	AZ	85251-3347
1289520010008	LIU YUHONG	7525 AWTY SCHOOL LN	HOUSTON	TX	77055-7354
1289520010009	IZQUIERDO ENRIQUE G	1174 HEMPSTEAD VILLA LN	HOUSTON	TX	77008-6048
1289520010010	KYLES RAVEN SYMONE	1170 HEMPSTEAD VILLA LN	HOUSTON	TX	77008-6048
1289520010011	COMMIATO NICHOLAS A	1166 HEMPSTEAD VILLA LN	HOUSTON	TX	77008-6048
1289520010012	HOELSCHER MICHAEL WELDON &SUSAN STCLAIR	PO BOX 25	SWEET HOME	TX	77987-0025
1289520010013	DELGADILLO FELIPE & DAMARIS	1158 HEMPSTEAD VILLA LN	HOUSTON	TX	77008-6048
1289520010014	TASCI GUNES O	1154 HEMPSTEAD VILLA LN	HOUSTON	TX	77008-6048
1289520010015	GRIMM MICHAEL	1150 HEMPSTEAD VILLA LN	HOUSTON	TX	77008-6048
1289520010016	BUTTS DEREK	7725 JANAK DR	HOUSTON	TX	77055-3612
1289520010017	ANDERSON KYLE M	1142 HEMPSTEAD VILLA LN	HOUSTON	TX	77008-6048
1289520010018	DURON JOSE	1138 HEMPSTEAD VILLA LN	HOUSTON	TX	77008-6048
1289520010019	BLANDON CARMEN O	1134 HEMPSTEAD VILLA LN	HOUSTON	TX	77008-6048
1289520010020	SONG YAN	1130 HEMPSTEAD VILLA LN	HOUSTON	TX	77008-6048
1289520010021	FIELDING GRANT THOMAS	1126 HEMPSTEAD VILLA LN	HOUSTON	TX	77008-6048
1289520010022	DIPIETRO MICHAEL S & BRITTANY A	1122 HEMPSTEAD VILLA	HOUSTON	TX	77008-6048
1289520010023	MIGL SCOTT	1118 HEMPSTEAD VILLA LN	HOUSTON	TX	77008-6048
1289520010024	COY ADAM C	1114 HEMPSTEAD VILLA LN	HOUSTON	TX	77008-6048
1289520010025	MARTINEZ VICTOR	1110 HEMPSTEAD VILLA LN	HOUSTON	TX	77008-6048
1289520010026	GONZALEZ DANIEL G	1 NE 2ND ST APT 504	OKLAHOMA CITY	OK	73104-2241
1289520010027	RINKES CORY LEE	12 W GAY ST UNIT 527	COLUMBUS	OH	43215-3067
1289520010028	GARCIA JORGE ALEJANDRO	1029 GARDENDALE DR	HOUSTON	TX	77018-7517
1289520010029	HALTON JONATHAN JAMES	1123 HEMPSTEAD VILLA LN	HOUSTON	TX	77008-6049
1289520010030	HA CHRISTINE	1127 HEMPSTEAD VILLA LN	HOUSTON	TX	77008-6049
1289520010031	PERALES DELFINA A	3603 HEMPSTEAD VILLA DR	HOUSTON	TX	77008-6173

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
1289520010032	KHOWAJA AKBAR A	3607 HEMPSTEAD VILLA DR	HOUSTON	TX	77008-6173
1289520010033	LON SYDNEY	3611 HEMPSTEAD VILLA DR	HOUSTON	TX	77008-6173
1289520010034	KEEN CHRISTOPHER	3615 HEMPSTEAD VILLA DR	HOUSTON	TX	77008-6173
1289520010035	VILLAS ON CLEARVIEW COMMUNITY C/O HOUSTON COMMUNITY MGMT SERVICES	17049 EL CAMINO REAL STE 100	HOUSTON	TX	77058-2611
1289520010036	VILLAS ON CLEARVIEW COMMUNITY C/O HOUSTON COMMUNITY MGMT SERVICES	17049 EL CAMINO REAL STE 100	HOUSTON	TX	77058-2611
1289520010037	VILLAS ON CLEARVIEW COMMUNITY C/O HOUSTON COMMUNITY MANAGEMENT SERVICE	17049 EL CAMINO REAL STE 100	HOUSTON	TX	77058-2611
1289520010038	VILLAS ON HEMPSTEAD LP C/O HOUSTON COMMUNITY MGMT SERVICES	17049 EL CAMINO REAL STE 100	HOUSTON	TX	77058-2611
1303940010001	SULLIVAN BROTHERS BUILDERS LTD	PO BOX 17017	WEST HEMPSTEAD	NY	11552-
1303940010002	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008
1312040010020	BRIAR WILCREST LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
1312040010021	3325 LLC	10711 CASH RD	STAFFORD	TX	77477-4431
1360160010001	INTOWNHOMES LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
1360160010002	INTOWNHOMES LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
1360160010003	INTOWNHOMES LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
1360160010004	INTOWNHOMES LTD	1520 OLIVER ST STE 270	HOUSTON	TX	77007-6035
1360160010005	INTOWNHOMES LTD	1520 OLIVER ST STE 270	HOUSTON	TX	77007-6035
1360160010006	INTOWNHOMES LTD	1520 OLIVER ST STE 270	HOUSTON	TX	77007-6035
1360160010007	BOND WILLIAM M	3332 W 12TH ST	HOUSTON	TX	77008-6122
1360160010008	CURRENT OWNER	3402 W 12TH ST	HOUSTON	TX	77008-6124
1360160010009	SHIDELER JOSHUA B & SARA F	3404 W 12TH ST	HOUSTON	TX	77008-6124
1360160010010	WARREN MICHELLE L	3406 W 12TH ST	HOUSTON	TX	77008-6124
1360160010011	BARRY STEPHANIE SARAH	3408 W 12TH ST	HOUSTON	TX	77008-6124
1360160010012	PATTERSON DEREK L	3410 W 12TH ST	HOUSTON	TX	77008-6124
1360160010013	HSIEH GEENG MOU	3412 W 12TH ST	HOUSTON	TX	77008-6124
1360160010014	COCKERELL JASON & DEMII	3414 W 12TH ST	HOUSTON	TX	77008-6124
1360160010015	LE PHONG Q & NINA T	3419 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6478
1360160010016	HOANG LUCY	3417 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6478
1360160010017	GOEDKE KATHRYN S	3415 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6478
1360160010018	HUMPHREYS KATE & ALLEN	3413 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6478
1360160010019	MUSCIANO COLETON A & CLAIRE L	3411 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6478
1360160010020	GARCIA VICTORIA R	3409 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6478
1360160010021	YAO KATHRYN SHENGSHING	3407 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6478
1360160010022	ANGELLE ASHLEY MARIE	3405 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6478
1360160010023	ANTHTEX PROPERTIES LLC	835 REDWAY LN	HOUSTON	TX	77062-4220
1360160010024	TEXAS INTOWNHOMES LLC	1520 OLIVER ST	HOUSTON	TX	77007-6035
1360160010025	GUION ALEXANDRE N	3319 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6477
1360160010026	TALLEY ALYSSA M	3317 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6477
1360160010027	SURYARAJKUMAR SHRUTI	3315 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6477
1360160010028	JAN JOANNA ANN	3313 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6477
1360160010029	NEWTON JAMES A & KATHERINE B	3311 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6477
1360160010030	OLWIN MICHAEL K	3309 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6477
1360160010031	WEST EDWARD HAMILTON VI	3307 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6477
1360160010032	NGUYEN STEVEN T	3305 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6477
1360160010033	INTOWNHOMES LTD	1520 OLIVER ST STE 270	HOUSTON	TX	77007-6035
1360160020001	KELLEY WILLIAM KEATON & HEATHER ALYSSA	3432 W 12TH ST	HOUSTON	TX	77008-6124
1360160020002	HOWELL JOSHUA D & JENNA K	3430 W 12TH ST	HOUSTON	TX	77008-6124
1360160020003	BLASZKOWSKI MARK J & JENNIFER R	3428 W 12TH ST	HOUSTON	TX	77008-6124

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
1360160020004	WORLEY PATRICK & SARAH	3426 W 12TH ST	HOUSTON	TX	77008-6124
1360160020005	REGIONS BANK	5214 LINCOLNRD	HATTIESBURG	MS	39402-8072
1360160020006	HAMILTON JARED KELLY	3422 W 12TH ST	HOUSTON	TX	77008-6124
1360160020007	DIE JAMES & LEAH	3420 W 12TH ST	HOUSTON	TX	77008-6124
1360160020008	SOK SAMUEL	3427 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6474
1360160020009	WEBSTER KEITH M & MICHELLE A % WEBSTER FAMILY TRUST	PO BOX 812 ST	SAINT HELENA	CA	94574-
1360160020010	HAMMIT BRIAN	3423 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6474
1360160020011	COLON-RODRIGUEZ ARTURO JAVIER	3421 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6474
1360160020012	SADRUDDIN MURAD & SHEHZILA	1217 TIMBERGROVE ACRES ST	HOUSTON	TX	77008-6475
1360160020013	PACKWOOD KENNEDY	1215 TIMBERGROVE ACRES ST	HOUSTON	TX	77008-6475
1360160020014	SAXBY JENNIFER L	1213 TIMBERGROVE ACRES ST	HOUSTON	TX	77008-6475
1360160020015	EDWARDS JENNIFER MARIE	1211 TIMBERGROVE ACRES ST	HOUSTON	TX	77008-6475
1360160020016	WALTERS COLE A	1209 TIMBERGROVE ACRES ST	HOUSTON	TX	77008-6475
1360160020017	THOMPSON KENDRA	1207 TIMBERGROVE ACRES ST	HOUSTON	TX	77008-6475
1360160020018	HUNT JESSICA N	1205 TIMBERGROVE ACRES ST	HOUSTON	TX	77008-6475
1360160020019	MARTINEZ JOSE LUIS JARAMILLO	3418 W 12TH ST	HOUSTON	TX	77008-6124
1360160020020	TEXAS INTOWNHOMES LLC	1520 OLIVER ST	HOUSTON	TX	77007-6035
1360160030001	ROUSSEL SHAWN	3426 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6473
1360160030002	INGRAM RICHARD T & ABBY L	3424 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6473
1360160030003	ESTRADA STEPHANIE MARIE	3422 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6473
1360160030004	HENRY ELIZABETH V REVOCABLE TRUST	3590 RANIER DR NW	ATLANTA	GA	30327-2636
1360160030005	MULLEN STEPHEN	3418 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6473
1360160030006	JOHNSON MIA LAUREN & KANEM	3416 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6473
1360160030007	JENSEN AUSTIN R & STACY E	3414 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6473
1360160030008	DOAN VI PHUONG	3412 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6473
1360160030009	SLEDGE MEAGAN G	3410 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6473
1360160030010	ZHENG BINGZI	3408 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6473
1360160030011	NGUYEN BRANDON D	3406 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6473
1360160030012	LUNN ERIC	3404 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6473
1360160030013	PAYNE JORDAN C	3402 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6473
1360160030014	TAYLOR JUSTIN M & CICELY A	3326 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6471
1360160030015	SHORT EMMA LOUISE	3324 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6471
1360160030016	WHITE JAMES A	3322 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6471
1360160030017	STEETER TARA P	3320 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6471
1360160030018	PHILLIPS LAUREN K & ANDREW E	3318 TIMBERGROVE HEIGHTS	HOUSTON	TX	77008-6471
1360160030019	GEE DAVID & SHEVON M	3316 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6471
1360160030020	INTOWNHOMES LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
1360160030021	DENSON ALISON & TAYLOR P	3312 TIMBERGROVE HEIGHT ST	HOUSTON	TX	77008-6471
1360160030022	INTOWNHOMES LTD	1520 OLIVER ST STE 270	HOUSTON	TX	77007-6035
1360160030023	MAHAFFEY LESLIE CAROL	3308 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6471
1360160030024	INTOWNHOMES LTD	1520 OLIVER ST STE 270	HOUSTON	TX	77007-6035
1360160030025	INTOWNHOMES LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
1360160030026	INTOWNHOMES LTD	1520 OLIVER ST STE 270	HOUSTON	TX	77007-6035
1360160030027	INTOWNHOMES LTD	1520 OLIVER ST STE 270	HOUSTON	TX	77007-6035
1360160030028	INTOWNHOMES LTD	1520 OLIVER ST STE 270	HOUSTON	TX	77007-6035
1360160030029	INTOWNHOMES LTD	1520 OLIVER ST STE 270	HOUSTON	TX	77007-6035
1360160030030	CARR RASHEEDAH F	3309 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6472

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
1360160030031	INTOWNHOMES LTD	1520 OLIVER ST STE 270	HOUSTON	TX	77007-6035
1360160030032	INTOWNHOMES LTD	1520 OLIVER ST STE 270	HOUSTON	TX	77007-6035
1360160030033	INTOWNHOMES LTD	1520 OLIVER ST STE 270	HOUSTON	TX	77007-6035
1360160030034	INTOWNHOMES LTD	1520 OLIVER ST STE 270	HOUSTON	TX	77007-6035
1360160030035	INTOWNHOMES LTD	1520 OLIVER ST STE 270	HOUSTON	TX	77007-6035
1360160030036	INTOWNHOMES LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
1360160030037	INTOWNHOMES LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
1360160030038	INTOWNHOMES LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
1360160030039	INTOWNHOMES LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
1360160030040	INTOWNHOMES LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
1360160030041	INTOWNHOMES LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
1360160030042	INTOWNHOMES LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
1360160030043	INTOWNHOMES LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
1360160030044	INTOWNHOMES LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
1360160030045	INTOWNHOMES LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
1360160030046	INTOWNHOMES LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
1360160030047	TEXAS INTOWNHOMES LLC	1520 OLIVER ST	HOUSTON	TX	77007-6035
1360160030048	TEXAS INTOWNHOMES LLC	1520 OLIVER ST	HOUSTON	TX	77007-6035
1360160040001	ARDOIN CLAY MICHAEL	3302 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6476
1360160040002	CHOU ERIC CASEY	3304 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6476
1360160040003	JASEK JOSEPH H & EMILY L	3306 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6476
1360160040004	FERNANDES MARC	3308 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6476
1360160040005	DELISLE JACOB	3310 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6476
1360160040006	CURRENT OWNER	3312 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6476
1360160040007	NGUYEN JIMMY M	3314 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6476
1360160040008	KURANI-KHANMOHAMED KIRAN L	3316 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6476
1360160040009	JAMES CHRISTOPHER	3318 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6476
1360160040010	PATTON SHELLIE J	3402 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6479
1360160040011	MIDDLETON MEGAN	3404 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6479
1360160040012	REED KRISTA MICHELLE	3406 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6479
1360160040013	DOMANGUE CONNIEE A	3408 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6479
1360160040014	HARRISON DANIEL JAMES	3410 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6479
1360160040015	FENG YIZHU	3412 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6479
1360160040016	DAVID MICHAEL	3414 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6479
1360160040017	WHALEN DILLON	3416 TIMBERGROVE OAKS ST	HOUSTON	TX	77008-6479
1360160040018	GOMEZ MARCO A	3417 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6474
1360160040019	STIVERS ANDREW PEYTON	3415 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6474
1360160040020	ESPINOSA JANICE W	3413 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6474
1360160040021	MENCHACA MAURIZIO D	3411 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6474
1360160040022	KARAM JORGE M	3409 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6474
1360160040023	ORTIZ ALVARO JOSE BARRERA	3407 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6474
1360160040024	PHILIPS SHANE R	3405 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6474
1360160040025	SENTENO MICHAEL & BONNIE	3403 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6474
1360160040026	HART ERIK AUSTIN	3331 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6472
1360160040027	BUSS PARKER & JACQUELYN	3329 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6472
1360160040028	ASHER CHARLES	3327 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6472
1360160040029	KNIGHT SHELBY	3325 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6472

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
1360160040030	REN CHENG Q	3323 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6472
1360160040031	INTOWNHOMES LTD	1520 OLIVER ST STE 270	HOUSTON	TX	77007-6035
1360160040032	KALU NENE	3319 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6472
1360160040033	INTOWNHOMES LTD	1520 OLIVER ST STE 270	HOUSTON	TX	77007-6035
1360160040034	PORTER ANDRE J	3315 TIMBERGROVE HEIGHTS ST	HOUSTON	TX	77008-6472
1360160040035	TEXAS INTOWNHOMES LLC	1520 OLIVER ST	HOUSTON	TX	77007-6035
1360160040036	TEXAS INTOWNHOMES LLC	1520 OLIVER ST	HOUSTON	TX	77007-6035
1360160040037	TEXAS INTOWNHOMES LLC	1520 OLIVER ST	HOUSTON	TX	77007-6035
1371410010001	THOMAS JAY M JR	1030 GREEN KENSINGTON DR	HOUSTON	TX	77008-1092
1371410010002	RAMOS MARIO A	1028 GREEN KENSINGTON DR	HOUSTON	TX	77008-1092
1371410010016	MESQUITI ARTURO PADRON	1012 GREEN KENSINGTON DR	HOUSTON	TX	77008-1092
1371410010017	MESQUITI ARTURO PADRON	1012 GREEN KENSINGTON DR	HOUSTON	TX	77008-1092
1371410030001	CARRION CHRISTIAN J	3788 RICHMOND AVE 1135	HOUSTON	TX	77046-3705
1371410030002	ZESTRAN ALEXANDRU A	1027 GREEN KENSINGTON DR	HOUSTON	TX	77008-1090
1371410030015	KENSINGTON GREEN TOWNHOME ASSN INC	1314 ROY ST	HOUSTON	TX	77007-3343
1371410030016	KENSINGTON ACRES LP	1314 ROY ST	HOUSTON	TX	77007-3343
1371410030017	SILVESTRI INVESTMENTS OF FLORIDA INC	1215 GESSNER RD	HOUSTON	TX	77055-6013
1399450010001	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450010002	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450010003	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450010004	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450010005	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450010006	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450010007	BURRIS CAROLINE F & STEPHEN K	1103 PEARWOOD DR	HOUSTON	TX	77028-
1399450010008	WYLIE MARTIN RUSSEL	1102 PEARLWOOD DR	HOUSTON	TX	77008-2927
1399450010009	BROOKS WILLIAM EDWARDS & EMMA TER	5667 WICKERSHAM LN	HOUSTON	TX	77056-4030
1399450010010	LIFSEY LETICIA RENEE	1106 PEARLWOOD DR	HOUSTON	TX	77008-2927
1399450010011	SMITH ADAM ROGER	1108 PEARLWOOD DR	HOUSTON	TX	77008-2927
1399450010012	GAMBLE CADIE	1110 PEARLWOOD DR	HOUSTON	TX	77008-2927
1399450010013	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450010014	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450010015	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450010016	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450010017	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450010018	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450010019	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450010020	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450010021	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450010022	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450010023	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450010024	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450010025	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450010026	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450010027	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450010028	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450010029	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450010030	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
1399450010031	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450020001	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450020002	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450020003	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450020004	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450020005	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450020006	CROWE MICHAEL S	3508 HARVEST DANCE DR	HOUSTON	TX	77008-2929
1399450020007	ALPHONSO RENEE J & CONNIE B	3506 HARVEST DANCE DR	HOUSTON	TX	77008-2929
1399450020008	GUEVARA TERRI LYNN	3504 HARVEST DANCE DR	HOUSTON	TX	77008-2929
1399450020009	FAERMAN DANIEL	3502 HARVEST DANCE DR	HOUSTON	TX	77008-2929
1399450020010	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450020011	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450020012	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450020013	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450020014	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450020015	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450020016	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450020017	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450020018	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450020019	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450020020	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450020021	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450030001	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450030002	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450030003	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450030004	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399450030005	SULLIVAN BROTHERS BUILDERS LTD	8600 HEMPSTEAD RD	HOUSTON	TX	77008-6014
1399880010001	DWR SOMERSET 18 LP	6300 WEST LOOP SOUTH STE 670	BELLAIRE	TX	77401-2915
1399890010001	WEEKLEY HOMES LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1399890010002	BOUNDS JUSTIN MICHEL	2508 ZEMMER LN	HOUSTON	TX	77008-2887
1399890010003	HALL ANDRW D & STEPHANIE C	2506 ZEMMER LN	HOUSTON	TX	77008-2887
1399890010004	TOOLE KATHRYN A	2504 ZEMMER LN	HOUSTON	TX	77008-2887
1399890010005	DANIELS RACHEL B & ANDREW JACKSON	2502 ZEMMER LN	HOUSTON	TX	77008-2887
1399890010006	MIERS RICHARD & CATHERINE	1524 CALLAKING PLACE	HOUSTON	TX	77008-2877
1399890010007	PEART BENJAMIN R	1522 CALLAKING PLACE	HOUSTON	TX	77008-2877
1399890010008	HAVERKAMP ERIC	1520 CALLAKING PLACE	HOUSTON	TX	77008-2877
1399890010009	BOUDREAUX KELSEY A	1518 CALLAKING PL	HOUSTON	TX	77008-2877
1399890010010	GOSNELL THOMAS & GRACE E	1516 CALLAKING PL	HOUSTON	TX	77008-2877
1399890010011	MOUNT JAMES L	1514 CALLAKING PL	HOUSTON	TX	77008-2877
1399890010012	BAUGH AMY	1512 CALLAKING PL	HOUSTON	TX	77008-2877
1399890010013	THERRIEN CHELSEA A	1510 CALLAKING PLACE	HOUSTON	TX	77008-2877
1399890010014	TUCKER JORDAN	1508 CALLAKING PLACE	HOUSTON	TX	77008-2877
1399890010015	ORTIZ LUIS ANGEL	1506 CALLAKING PL	HOUSTON	TX	77008-2877
1399890010016	JAIN NISHIN M & PADMA	1504 CALLAKING PLACE	HOUSTON	TX	77008-2877
1399890010017	DELANY CAITLIN	1502 CALLAKING PL	HOUSTON	TX	77008-2877
1399890010018	TIMBERGROVE LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1399890020001	HESS BRIAN	1524 BIONDO WAY	HOUSTON	TX	77008-1596

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
1399890020002	MUNOZ ALESIA	1522 BIONDO WAY	HOUSTON	TX	77008-1596
1399890020003	DOBBS AUSTIN & JESSICA	1520 BIONDO WAY	HOUSTON	TX	77008-1596
1399890020004	HINOJOSA HECTOR MARIO III & LINE KASTRUP	2603 ZEMMER LN	HOUSTON	TX	77008-2890
1399890020005	SCHREINER MARSHA E & ADAM D	2604 TURNBULL DR	HOUSTON	TX	77008-2885
1399890020006	DUBOSE MODEL HOME INVESTORS NO 203 LP	6605 CYPRESSWOOD DR STE 430	SPRING	TX	77379-7741
1399890020007	GARZA LUIS A & MARIAN C JAMAIL	2506 TURNBULL DR	HOUSTON	TX	77008-2883
1399890020008	ANGELO RICARDO	1525 CALLAKING PL	HOUSTON	TX	77008-2878
1399890020009	RIVERA PECUNIA ANDREA M	1523 CALLAKING PL	HOUSTON	TX	77008-2878
1399890020010	ALBERT ASHLON	1521 CALLAKING PL	HOUSTON	TX	77008-2878
1399890020011	TIMBERGROVE LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1399890020012	TIMBERGROVE LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1399890020013	TIMBERGROVE COMMUNITY ASSOCIATION	720 N POST OAK RD SUITE 140	HOUSTON	TX	77024-3813
1399890020014	TIMBERGROVE LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1399890020015	TIMBERGROVE LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1399890020016	TIMBERGROVE LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1399890030001	ROBERSON ABBEY	1514 BIONDO WAY	HOUSTON	TX	77008-1596
1399890030002	DELAROSA ELIZABETH	1512 BIONDO WAY	HOUSTON	TX	77008-1596
1399890030003	MEDINA GIANCARLO	1510 BIONDO WAY	HOUSTON	TX	77008-1596
1399890030004	HICKMAN RYAN	2603 TURNBULL DR	HOUSTON	TX	77008-2886
1399890030005	OWEN DANIEL LUTHER JR	2604 REPPART PLACE	HOUSTON	TX	77008-2881
1399890030006	CURRENT OWNER	2509 TURNBULL DR	HOUSTON	TX	77008-2884
1399890030007	YAZDANI KOUROSH MEHERDAD & CHRISTINA	2508 REPPART PLACE	HOUSTON	TX	77008-2879
1399890030008	TRUXILLO DAVID MICHAEL JR & BRIDGET B	2507 TURNBULL DR	HOUSTON	TX	77008-2884
1399890030009	HASBANI SAMER MITRI	2506 REPPART PL	HOUSTON	TX	77008-2879
1399890030010	CHIKES ANDREW BENJAMIN & ASHLEY SOSSO	2505 TURNBULL DR	HOUSTON	TX	77008-2884
1399890030011	AKERMAN ADI & JOSHUA	2504 REPPART PLACE	HOUSTON	TX	77008-2879
1399890030012	DURKEE ALEXANDRA NICOLE	2503 TURNBULL DR	HOUSTON	TX	77008-2884
1399890030013	FITZHENRY SUSAN E	2502 REPPART PLACE	HOUSTON	TX	77008-2879
1399890030014	TIMBERGROVE LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1399890030015	TIMBERGROVE LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1399890030016	TIMBERGROVE LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1399890040001	HYDARI ARSHAD H	2607 REPPART PLACE	HOUSTON	TX	77008-2882
1399890040002	SMART JENNIFER L	2605 REPPART PL	HOUSTON	TX	77008-2882
1399890040003	CURTIS MATTHEW GREGORY & ANNE ELIZABETH	2603 REPPART PLACE	HOUSTON	TX	77008-2882
1399890040004	HUANG JONATHAN	2509 REPPART PLACE	HOUSTON	TX	77008-2880
1399890040005	RAMOS ALEX ALEQUIN	2507 REPPART PLACE	HOUSTON	TX	77008-2880
1399890040006	MACK TERRY JEROME JR & SHANNON C	2505 REPPART PL	HOUSTON	TX	77008-2880
1399890040007	COOPER MICHAEL & SHERRY	2503 REPPART PL	HOUSTON	TX	77008-2880
1399890040008	TIMBERGROVE LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1399890040009	TIMBERGROVE LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1399890050001	AMELINCKX LEON G & GONZALEZ YAJAIRA Y	1503 BIONDO WAY	HOUSTON	TX	77008-1597
1399890050002	TALOR JONATHAN J & THERESA M	1505 BIONDO WAY	HOUSTON	TX	77008-1597
1399890050003	MCCOLM JAMES I	1507 BIONDO WAY	HOUSTON	TX	77008-1597
1399890050004	ZBORIL RYAN	1509 BIONDO WAY	HOUSTON	TX	77008-1597
1399890050005	CURRENT OWNER	1511 BIONDO WAY	HOUSTON	TX	77008-1597
1399890050006	GALE KEVIN P	1513 BIONDO WAY	HOUSTON	TX	77008-1597
1399890050007	TRIVEDI DHAVALKUMAR D & APURVA DHAVAL	1515 BIONDO WAY	HOUSTON	TX	77008-1597

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
1399890050008	RAMIREZ ALVARO	1517 BIONDO WAY	HOUSTON	TX	77008-1597
1399890050009	KING GREGORY JAMES	1519 BIONDO WAY	HOUSTON	TX	77008-1597
1399890050010	GARCIA FRANCISCO	1521 BIONDO WAY	HOUSTON	TX	77008-1597
1399890050011	NGUYEN RYAN HUAN	1523 BIONDO WAY	HOUSTON	TX	77008-1597
1399890050012	GALLOWAY BEAU JAMES & KRISTIN MARIE	1525 BIONDO WAY	HOUSTON	TX	77008-1597
1399890050013	JONES TANNER WAYNE	2612 ZEMMER LN	HOUSTON	TX	77008-2889
1399890050014	MOHAMMED ASIF	2610 ZEMMER LN	HOUSTON	TX	77008-2889
1399890050015	GUTIERREZ MIRARI YAEL BAHENA	2608 ZEMMER LN	HOUSTON	TX	77008-2889
1399890050016	CARNINO MONIQUE B	2606 ZEMMER LN	HOUSTON	TX	77008-2889
1399890050017	GREER ADAM	2604 ZEMMER LN	HOUSTON	TX	77008-2889
1399890050018	TIMBERGROVE LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1399890050019	TIMBERGROVE LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1409290010001	LAKESIDE PLACE PFC	2640 FOUNTAIN VIEW DR STE 400	HOUSTON	TX	77057-7610
1412860010001	WEEKLEY HOMES LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860010002	NIEMI PATRICIA M & ERIC JOHN	1422 CALLAKING PL	HOUSTON	TX	77008-2961
1412860010003	TRAN TUAN	1420 CALLAKING PLACE	HOUSTON	TX	77008-2961
1412860010004	POULSEN LENNY EARL	1418 CALLAKING PLACE	HOUSTON	TX	77008-2961
1412860010005	BLAINE DEREK THOMAS	1416 CALLAKING PL	HOUSTON	TX	77008-2961
1412860010006	MORALES RACHEL CLARE	1414 CALLAKING PL	HOUSTON	TX	77008-2961
1412860010007	MARKIM JORDAN	1412 CALLAKING PL	HOUSTON	TX	77008-2961
1412860010008	WEEKLEY HOMES LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860010009	WOFFORD TIMOTHY JOHN & MICHELLE SHADWELL	1408 CALLAKING PLACE	HOUSTON	TX	77008-2961
1412860010010	WEEKLEY HOMES LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860010011	RICE ROBYN	1404 CALLAKING PLACE	HOUSTON	TX	77008-2961
1412860010012	WEEKLEY HOMES LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860010013	WITHERS PATRICK C	1403 BIONDO WAY	HOUSTON	TX	77008-2960
1412860010014	SORIANO CARLOS MARTIN	1405 BIONDO WAY	HOUSTON	TX	77008-2960
1412860010015	WILLIAMS ADRIANNA O	1407 BIONDO WAY	HOUSTON	TX	77008-2960
1412860010016	VERMEIL CHRISTOPHE	1409 BIONDO WAY	HOUSTON	TX	77008-2960
1412860010017	RODRIGO OVINI D	1411 BIONDO WAY	HOUSTON	TX	77008-2960
1412860010018	CND TIMBERGROVE II LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860010019	BUCK DAVID JORDAN	1415 BIONDO WAY	HOUSTON	TX	77008-2960
1412860010020	RANDOPLH JOHN A	230 TC JESTER BLVD APT 142	HOUSTON	TX	77007-3182
1412860010021	DODSON RYAN CHRISTOPHER	1419 BIONDO WAY	HOUSTON	TX	77008-2960
1412860010022	DUFF ALICIA MARIE	1421 BIONDO WAY	HOUSTON	TX	77008-2960
1412860010023	CND TIMBERGROVE II LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860010024	CND TIMBERGROVE II LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860010025	CND TIMBERGROVE II LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860010026	CND TIMBERGROVE II LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860010027	CND TIMBERGROVE II LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860020001	MORA VIVIAN LEFLORE	2514 SWANG PLACE	HOUSTON	TX	77008-3038
1412860020002	STAUDT GARRETT	2512 SWANG PL	HOUSTON	TX	77008-3038
1412860020003	RIFE STEVEN J & ERIN L	2510 SWANG PL	HOUSTON	TX	77008-3038
1412860020004	WILLIAMS ELIJAH JOSEPH & MICHELE SCURRY	2506 SWANG PL	HOUSTON	TX	77008-3038
1412860020005	MOTWANI NEESHA & GULIANI JAI K	2504 SWANG PL	HOUSTON	TX	77008-3038
1412860020006	DIB MARK PIERRE	2502 SWANG PLACE	HOUSTON	TX	77008-3038
1412860020007	CND TIMBERGROVE II LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310

TABLE T
REAL PROPERTY OWNER MAILING LIST
1505 SEAMIST DRIVE
HOUSTON, TEXAS 77008
MECX: 1567.002
VCP: #3005

Parcel_ID	Owner_Name	Mail_Address	Mail_City	Mail_State	Mail_Zip
1412860020008	CND TIMBERGROVE II LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860020009	CND TIMBERGROVE II LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860030001	BRICKHOUSE VON M II & GABRIELA	2515 SWANG PLACE	HOUSTON	TX	77008-3042
1412860030002	WEEKLEY HOMES LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860030003	YEH KEVIN	2513 SWANG PLACE	HOUSTON	TX	77008-3042
1412860030004	CAO TRU HOANG	2512 EASON LN	HOUSTON	TX	77008-2963
1412860030005	CURRENT OWNER	2511 SWANG PL	HOUSTON	TX	77008-3042
1412860030006	DSOUZA MICHAEL	2510 EASON LN	HOUSTON	TX	77008-2963
1412860030007	BUNDY CATHERINE ANNE	2507 SWANG PLACE	HOUSTON	TX	77008-3042
1412860030008	HENRIQUE HUDSON R & CARLA GUILHERME D	2506 EASON LN	HOUSTON	TX	77008-2963
1412860030009	CURRENT OWNER	2505 SWANG PL	HOUSTON	TX	77008-3042
1412860030010	WEEKLEY HOMES LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860030011	DEISS HEATHER H & SCOTT B	2503 SWANG PL	HOUSTON	TX	77008-3042
1412860030012	WEEKLEY HOMES LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860030013	CND TIMBERGROVE II LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860030014	CND TIMBERGROVE II LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860030015	CND TIMBERGROVE II LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860040001	CHRISTIAN CAMERON SCOTT & TARA RHETT	2515 EASON LN	HOUSTON	TX	77008-2964
1412860040002	WEEKLEY HOMES LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860040003	WEEKLEY HOMES LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860040004	WEEKLEY HOMES LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860040005	ASIASDINH BERNADETTE & DINH BRIAN C	2511 EASON LN	HOUSTON	TX	77008-2964
1412860040006	WEEKLEY HOMES LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860040007	CND TIMBERGROVE II LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860040008	CND TIMBERGROVE II LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860040009	WEEKLEY HOMES LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860040010	STATERBAXTON JON	2504 WALKER DAWN LN	HOUSTON	TX	77008-2984
1412860040011	WEEKLEY HOMES LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860040012	WEEKLEY HOMES LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860040013	CND TIMBERGROVE II LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860040014	CND TIMBERGROVE II LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860040015	CND TIMBERGROVE II LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1412860040016	CND TIMBERGROVE II LLC	1111 N POST OAK RD	HOUSTON	TX	77055-7310
1405520010001	3535 W 12TH LLC	3315 W 12TH ST	HOUSTON	TX	77008-6121
1418280010001	ASHLAND SEAMIST LLC	5200 HOLLISTER ST SUITE 300	HOUSTON	TX	77040-6298

Appendix U

Appendix U

Form U-2012-01 signed and sealed by a licensed professional engineer or licensed professional geoscientist authorized to practice in the State of Texas with expertise in environmental remediation. (Form U-2012-01 can be found at www.houstonmsd.org under the "Forms" section on the homepage.)

Signing and sealing Form U-2012-01 certifies:

> *a. The contaminants of concern from sources on the designated property or migrating from or through the designated property more likely than not [do exceed] OR [do not exceed] a non-ingestion protective concentration level on property beyond the boundaries of the designated property. (Select the appropriate statement)*
>
> *b. All requirements of Section 47-762 of the Houston Code of Ordinances have been met, including demonstration that the groundwater contamination plume has been fully delineated and is stable or contracting in size.*

The signed and sealed Form U-2012-01 is attached on the following page.

Form U-2012-01

Appendix U – Completeness of Information and On-Site and Off-Site Impact(s)

To the best of my knowledge and belief, based upon a review of all public and private records and other information sources available to me in the exercise of due diligence, the opinions stated and conclusions made in this application are supported by such information, and the technical and scientific information submitted with the application is true, accurate and complete. Based on such review, the contaminants of concern from sources on the designated property or migrating from or through the designated property more likely than not [do exceed] OR [do not exceed] a non-ingestion protective concentration level on property beyond the boundaries of the designated property. Further, I certify that all requirements of Section 47-762 of the Houston Code of Ordinances have been met, including demonstration that the groundwater contamination plume has been fully delineated and is stable or contracting in size.

Isaac Aboulafia, P.E.
(Name)

Executive Vice President & COO
(Title)

MECX, Inc.
(Firm)

Signature:_____ Date: 7/28/2022

Professional Seal

Appendix V

Appendix V

If the licensed professional engineer or licensed professional geoscientist determines that contaminants of concern from sources on the designated property are migrating from or through the designated property more likely than not do exceed a non-ingestion protective concentration level on property beyond the boundary of the designated property, then the applicant must:

a. Specify the name and address of the owner of each property.

b. Send a copy of the application to the owner of the property with the notice of the public meeting.

c. Provide documentation that the designated property has been included in a state or federal program that requires that the entire non-ingestion protective concentration level exceedance zone be addressed to the satisfaction of the agency administering the program, along with documentation of the estimated time period in which it is to be addressed. An example of such a program is the Texas Voluntary Cleanup Program (section 361.501 of the Texas Health and Safety Code, as may be amended from time to time).

d. Provide documentation upon completion of the state or federal program showing that the non-ingestion protective concentration level exceedances have been addressed to the satisfaction of the agency administering the program.

Not applicable. The COCs from sources on the designated property do not exceed a non-ingestion protective concentration level beyond the boundary of the designated property.

Appendix W

Appendix W

Form W-2012-01 certified/signed by the applicant and any authorized representatives of the applicant(s) listed in the application. (Form W-2012-01 is attached to the end of this application and can also be found at www.houstonmsd.org under the "Forms" section on the homepage.)

The certified and signed Form W-2012-01 is attached on the following page.

Form W-2012-01

Appendix W – Accuracy of Information

I certify under penalty of law that this application and all attachments were prepared under my direction or supervision in a manner designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the persons responsible for gathering and evaluating the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violation.

Timothy Pischulla
(Applicant's Name)

Facility Disposition Advisor
(Title)

Goodman Manufacturing
(Company)

Signature: _____ Date: 11/23/21

State of Texas §

§

County of ~~Harris~~ Montgomery §

MICHAEL HEBERT
Notary Public, State of Texas
Comm. Expires 09-23-2025
Notary ID 13334855-4

(Seal)

This instrument was acknowledged before me on this day the 23 day of November, 2021 by Timothy Pischulla
(Print)

NOTARY PUBLIC, STATE OF TEXAS

Michael Hebert
Printed/Typed Name of Notary

My commission expires: 09/23/25

Appendix X

Appendix X

Form X-2012-01 signed by the property owner or authorized agent (if an authorized agent, you must provide the legal authorization instrument). (Form W-2012-01 is attached to the end of this application and can also be found at www.houstonmsd.org under the "Forms" section on the homepage.

The signed Form X-2012-01 is attached on the following page.

Form X-2012-01

Appendix X – Signed Restrictive Covenant

I certify under penalty of law that I, the undersigned, as the real property owner or authorized agent of the designated property listed herein, have the legal authority and do agree to prohibit the use of designated groundwater in support of the Municipal Setting Designation by the Texas Commission on Environmental Quality.

Vishnu Banka
(Owner or Authorized Agent's Name)

VP of Finance & IT
(Title)

Dickson Real Estate
(Company)

Signature: _____ Date: 11/09/2021

If authorized agent, provide proof of legal authorization instrument in the application under appendix x.

State of Texas §

§

County of Harris §

JANE BETH SAMANIEGO
Notary ID #126127029
My Commission Expires
May 10, 2025

(Seal)

This instrument was acknowledged before me on this day the 9th day of November, 2021 by Jane Beth Samaniego
(Print)

NOTARY PUBLIC, STATE OF TEXAS

Jane Beth Samaniego
Printed/Typed Name of Notary

My commission expires: 5-10-2025

Appendix Y

Appendix Y

A CD (or other devise) containing the pdf file of the application, Excel spreadsheet of water well owners and property owners for mailing notices, and the pdf file of the well log report.

A CD with the following documents is included in this appendix:

- The complete application in Portable Document Format (PDF)
- Excel spreadsheet of water well owners for mailing
- Excel spreadsheet of real property owners for mailing
- PDF file of the well log report