InControl Technologies

Environmental Consulting and Engineering

Municipal Setting Designation Application

1702 Nance Vacant Commercial Site

1702 Nance St., Houston TX 77020
VCP No. 3081

Prepared For:

UG Old Hardy, LP
306 Avondale St. Suite 200
Houston, TX 77006

March 24, 2021

ITEM	COH Use Only
**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/L units. b. The critical protective concentration level without the municipal setting designation, highlighting any exceedances. ***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 or 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: **a. Please list the Potentially Responsible Party (RPR), if unknown, state unknown. (*applications without the RPR 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 and 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 the 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: Depending on the location of your site, 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. 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 no [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 professional geoscientist determines that contaminants of concern from sources on the designated property are migrating from or through the designated property more than likely do not 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. ***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). ***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. ***Label "Appendix Y"***	

List of Abbreviations

bgs	below ground surface
cis-1,2-DCE	cis-1,2-Dichloroethene (or cis-1,2-Dichloroethylene)
CHC	Chlorinated Hydrocarbon(s)
COC	Contaminant of Concern
DCE	Dichloroethene (or Dichloroethylene)
ESA	Environmental Site Assessment
EPA	U.S. Environmental Protection Agency
ft	feet
GW	Groundwater
GWBU	Groundwater bearing unit
mg/kg	milligrams per kilogram
mg/L	milligrams per litre
MSD	Municipal Setting Designation
NAPL	Non-aqueous Phase Liquids
PCE	Tetrachloroethene (or Tetrachloroethylene)
PCL	Protective Concentration Level
PCLE	Protective Concentration Level Exceedance
ppm	parts per million
RCRA	Resource Conservation and Recovery Act
TCE	Trichloroethene (or Trichloroethylene)
trans-1,2-DCE	trans-1,2-Dichloroethene (or trans-1,2-dichloroethylene)
TCEQ	Texas Commission on Environmental Quality
TRRP	Texas Risk Reduction Program
VC	Vinyl Chloride
VCP	Voluntary Cleanup Program
VOC	Volatile Organic Compound

This document is released for the purpose of your review under the authority of Michael F. Marcon, P.G. 2704 on March 25, 2021. It is not to be used for construction purposes.

CITY OF HOUSTON

PUBLIC WORKS AND ENGINEERING
PLANNING & DEVELOPMENT DIVISION

EXECUTIVE SUMMARY

Project Overview

InControl Technologies was retained by UG Old Hardy, LP, to provide environmental consulting services at the Vacant Commercial property located at 1702 Nance Street, Houston, Harris County, Texas. The subject property is located east of McKee and Hardy Streets, south of Nance Street, and west of Elysian Street. The subject property (the Site) is paved in concrete with a large metal warehouse building taking up most of the property. The site consists of one parcel totaling 0.9816-acres of land located northeast of downtown Houston, Harris County, Texas (**Figure C1**). The general land use of the surrounding area is mostly commercial and light industrial (**Figure B**) but is slowly beginning to transition into residential.

The Site is located within the Buffalo Bayou Watershed (**Figure C2**) and is located outside the 0.2% annual chance (500 year) floodplain (**Figure C3**).

Volatile Organic Compounds (VOC) Protective Concentration Level Exceedance (PCLE) zones were identified on a portion of the subject property. The PCLE zones are depicted on **Figure C4a** through **Figure C4c**. Groundwater samples were also analyzed for the eight RCRA Metals. The groundwater data are summarized in **Tables E3** and **E4**.

Historical Environmental Condition

The 0.9816-acre subject property is located within the area of the Hardy Street Railyards and historical commercial industrial operations. Historically, the subject property was residential from at least 1890 through the 1960s. It was developed into a commercial business in the 1970s to support sales and distribution of oilfield equipment. The property was most recently occupied by Advanced Control Systems, LLC. This company provided a wide range of electrical and energy equipment for applications and operations in the drilling, marine, and industrial markets. Prior to that, the facility was occupied by Wilson Industries. This business was suspected to be similar to the Advanced Control Systems, LLC operations. InControl Technologies does not believe that any manufacturing operations were ever conducted on the subject property.

The adjacent property to the east was historically used for rail operations including a former railroad maintenance facility and switching yard. Early Sanborn Maps from the 1800s into the 1900s indicate rail car and locomotive operations by the Houston East and West Texas Railroad. A main rail corridor, which is still present, is located to the south. Houston East and West Texas Railroad operated on the adjacent

property from the late 1800s to the early 1900s. Additionally, a machine carpentry shop and boiler repair shop were located on the western property boundary of the railyard. These offsite operations are believed to be a source for some of the contamination found onsite.

A number of subsurface investigations were conducted between December 2019 and present. To date, 60 soil borings (as of March 2021) were advanced within the proposed MSD Boundary. The soil borings are depicted on **Figure C5**. The soil samples were analyzed for RCRA Metals by EPA Method 6020/7471 (**Table E1**) and volatile organic compounds (VOCs) by EPA Method 8260 (**Table E2**). The current groundwater monitoring well network consists of nine permanent groundwater monitoring wells (MW-5 through MW-13) (**Figure C6**). The groundwater samples were analyzed for RCRA Metals by EPA Method 6020/7470 (**Table E3**) and volatile organic compounds (VOCs) by EPA Method 8260 (**Table E4**).

The lateral extent of groundwater impact was delineated in all directions. Chlorinated hydrocarbons were present in groundwater at concentrations greater than the applicable Tier 1 $^{GW}GW_{Ing}$ PCLs. The PCLE zones are depicted in **Figures C4a through C4c**. The direction of groundwater flow is toward the southwest (**Figure C5**).

Nineteen (19) water well records were identified within a ½-mile radius of the proposed Municipal Setting Designation (MSD) boundary. The nearest domestic or public supply well is located approximately 0.32-miles from the subject property in the cross gradient direction. Within a 1/2-mile radius of the proposed MSD boundary, the only well that is believed to still be operational is Map ID #10, which is the domestic well. This well is screened from 442- to 452-ft bgs and is 452-ft deep. All other wells were either de-watering wells or industrial wells that are plugged.

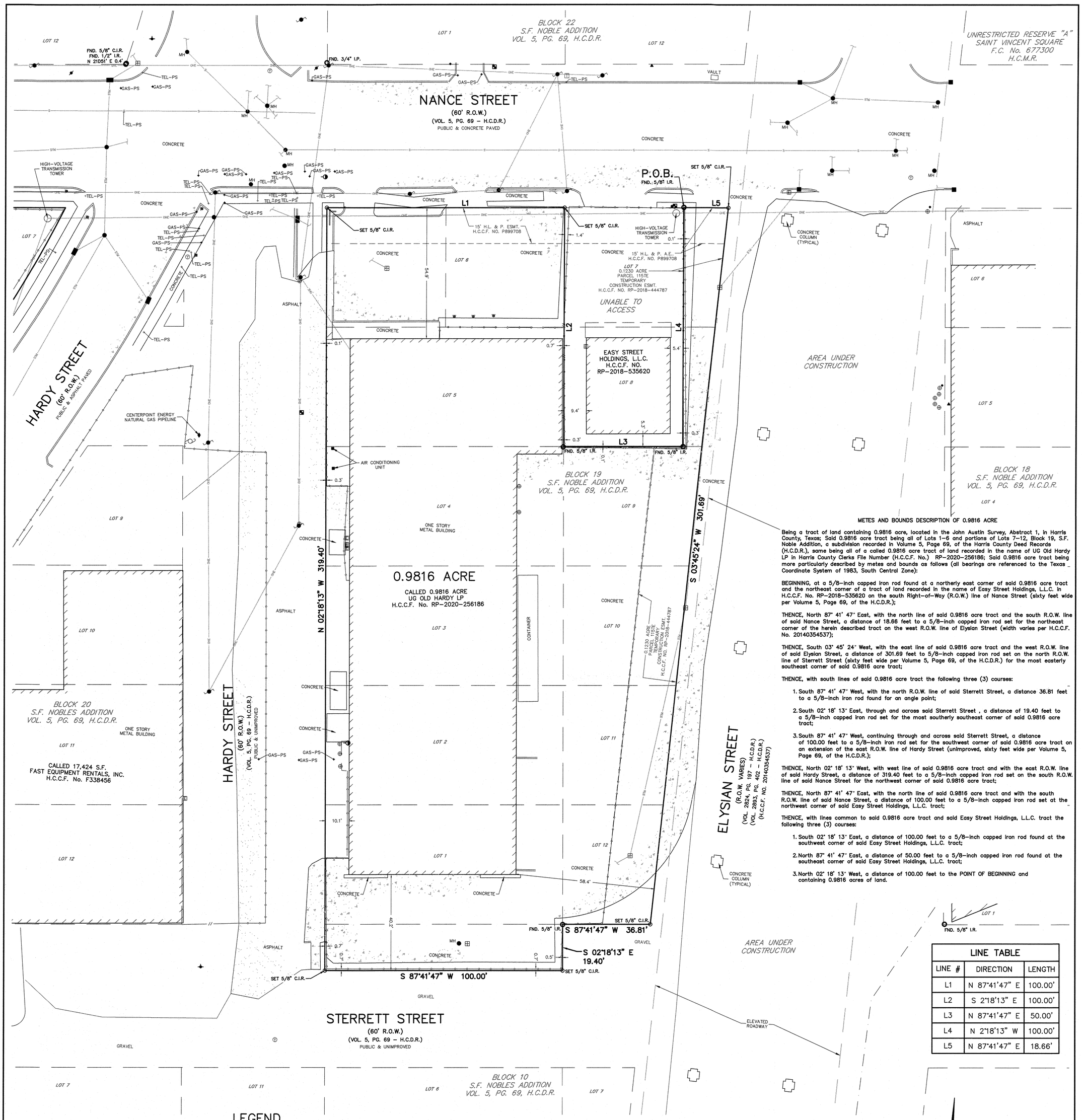
Buffalo Bayou is located approximately 830-feet south of the proposed MSD boundary. Buffalo Bayou is not threatened by the groundwater plume (**Figure C2, C4**).

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. Also included is a copy of the deed for the property. The proposed Municipal Setting Designation (MSD) boundary encompasses 0.9816-acres.

Figure A depicts the proposed MSD boundary.



METES AND BOUNDS DESCRIPTION OF 0.9816 ACRE

Being a tract of land containing 0.9816 acre, located in the John Austin Survey, Abstract 1, in Harris County, Texas; Said 0.9816 acre tract being all of Lots 1–6 and portions of Lots 7–12, Block 19, S.F. Noble Addition, a subdivision recorded in Volume 5, Page 69, of the Harris County Deed Records (H.C.D.R.), same being all of a called 0.9816 acre tract of land recorded in the name of UG Old Hardy LP in Harris County Clerks File Number (H.C.C.F. No.) RP–2020–256186; Said 0.9816 acre tract being more particularly described by metes and bounds as follows (all bearings are referenced to the Texas Coordinate System of 1983, South Central Zone):

BEGINNING, at a 5/8–inch capped iron rod found at a northerly east corner of said 0.9816 acre tract and the northeast corner of a tract of land recorded in the name of Easy Street Holdings, L.L.C. in H.C.C.F. No. RP–2018–535620 on the south Right–of–Way (R.O.W.) line of Nance Street (sixty feet wide per Volume 5, Page 69, of the H.C.D.R.);

THENCE, North 87° 41' 47" East, with the north line of said 0.9816 acre tract and the south R.O.W. line of said Nance Street, a distance of 18.66 feet to a 5/8–inch capped iron rod set for the northeast corner of the herein described tract on the west R.O.W. line of Elysian Street (width varies per H.C.C.F. No. 20140354537);

THENCE, South 03° 45' 24" West, with the east line of said 0.9816 acre tract and the west R.O.W. line of said Elysian Street, a distance of 301.69 feet to 5/8–inch capped iron rod set on the north R.O.W. line of Sterrett Street (sixty feet wide per Volume 5, Page 69, of the H.C.D.R.) for the most easterly southeast corner of said 0.9816 acre tract;

THENCE, with south lines of said 0.9816 acre tract the following three (3) courses:

1. South 87° 41' 47" West, with the north R.O.W. line of said Sterrett Street, a distance 36.81 feet to a 5/8–inch iron rod found for an angle point;
2. South 02° 18' 13" East, through and across said Sterrett Street , a distance of 19.40 feet to a 5/8–inch capped iron rod set for the most southerly southeast corner of said 0.9816 acre tract;
3. South 87° 41' 47" West, continuing through and across said Sterrett Street, a distance of 100.00 feet to a 5/8–inch iron rod set for the southwest corner of said 0.9816 acre tract on an extension of the east R.O.W. line of Hardy Street (unimproved, sixty feet wide per Volume 5, Page 69, of the H.C.D.R.);

THENCE, North 02° 18' 13" West, with west line of said 0.9816 acre tract and with the east R.O.W. line of said Hardy Street, a distance of 319.40 feet to a 5/8–inch capped iron rod set on the south R.O.W. line of said Nance Street for the northwest corner of said 0.9816 acre tract;

THENCE, North 87° 41' 47" East, with the north line of said 0.9816 acre tract and with the south R.O.W. line of said Nance Street, a distance of 100.00 feet to a 5/8–inch capped iron rod set at the northwest corner of said Easy Street Holdings, L.L.C. tract;

THENCE, with lines common to said 0.9816 acre tract and said Easy Street Holdings, L.L.C. tract the following three (3) courses:

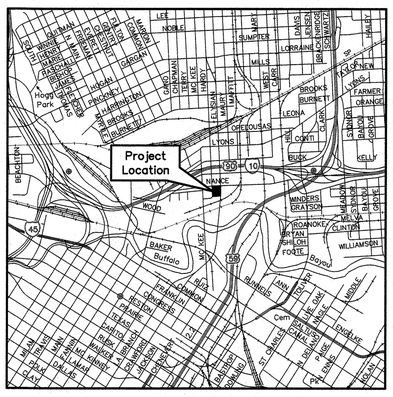
1. South 02° 18' 13" East, a distance of 100.00 feet to a 5/8–inch capped iron rod found at the southwest corner of said Easy Street Holdings, L.L.C. tract;
2. North 87° 41' 47" East, a distance of 50.00 feet to a 5/8–inch capped iron rod found at the southeast corner of said Easy Street Holdings, L.L.C. tract;
3. North 02° 18' 13" West, a distance of 100.00 feet to the POINT OF BEGINNING and containing 0.9816 acres of land.

LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	N 87°41'47" E	100.00'
L2	S 2°18'13" E	100.00'
L3	N 87°41'47" E	50.00'
L4	N 2°18'13" W	100.00'
L5	N 87°41'47" E	18.66'

SEE NOTE 2.

20 0 20 40 60 Feet

SCALE: 1" = 20'



VICINITY MAP

SCALE: 1" = 1/2 MI.

LEGEND

⊞	AREA INLET
■	B INLET
▬	BB INLET
MH●	MANHOLE
CO●	CLEAN OUT
⊕	BOLLARD
●—	POWER POLE
(	DOWN GUY
✦	FIRE HYDRANT
◢	WATER VALVE
▣	WATER METER
●	SIGN
✳	AREA LIGHT
▥	TELEPHONE ENCLOSURE
⚑	TELEPHONE CABLE MARKER
Ⓣ	TELEPHONE MANHOLE
▲	GAS METER
◑	GAS VALVE
◆	PIPE LINE MARKER
E	ELECTRIC BOX
○	METER POLE
—o—o—o—	CHAIN LINK FENCE
—//—//—//—	WOOD FENCE
—OHE—	OVERHEAD ELECTRIC LINE
—S—S—S—	SANITARY SEWER
—STM—	STORM SEWER
	OVERHANG
	CONCRETE
	ASPHALT

SCHEDULE "B", ITEM 10 EXCEPTION NOTES*:

10(c)–H.L.&P. Co. UTILITY AND AERIAL EASEMENT, H.C.C.F. No. P899708, AFFECTS SURVEYED PROPERTY, PLOTTED HEREON

10(d)–TEMPORARY EASEMENT, H.C.C.F. No. RP–2018–44787, AFFECTS SURVEYED PROPERTY, PLOTTED HEREON

*ONLY THOSE ITEMS LISTED IN SCHEDULE "B" OF THE COMMITMENT FOR TITLE INSURANCE REFERENCED HEREON AND RELISTED ABOVE WERE CONSIDERED IN PREPARATION OF THIS SURVEY.

FLOOD STATEMENT: THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S FLOOD INSURANCE RATE MAP FOR THE CITY OF HOUSTON, HARRIS COUNTY, TEXAS AND INCORPORATED AREAS, COMMUNITY NO. 480296, DATED JANUARY 6, 2017, INDICATES THAT THIS TRACT IS WITHIN ZONE "X" UNSHADED, AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN AND ZONE "X" SHADED; AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; OR AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD, AS SHOWN ON MAP AND PANEL NO. 48201C0690N. THIS DETERMINATION HAS BEEN MADE BY SCALING THE PROPERTY ON THE ABOVE REFERENCED MAP AND IS NOT THE RESULT OF AN ELEVATION SURVEY. WARNING: IF THIS SITE IS NOT WITHIN AN IDENTIFIED SPECIAL FLOOD HAZARD AREA, THIS STATEMENT DOES NOT IMPLY THAT THE PROPERTY AND/OR THE STRUCTURES THEREON WILL BE FREE FROM FLOODING OR FLOOD DAMAGE. ON RARE OCCASIONS, GREATER FLOODS CAN AND WILL OCCUR AND FLOOD HEIGHTS MAY BE INCREASED BY MANMADE OR NATURAL CAUSES. THIS FLOOD STATEMENT SHALL NOT CREATE LIABILITY ON THE PART OF THE SURVEYOR.

ABBREVIATIONS

A.E.	= AERIAL EASEMENT
ESMT.	= EASEMENT
F.C.	= FILM CODE
H.C.C.F.	= HARRIS COUNTY CLERK'S FILE
H.C.D.R.	= HARRIS COUNTY DEED RECORDS
H.C.M.R.	= HARRIS COUNTY MAP RECORDS
No.	= NUMBER
PG.	= PAGE
R.O.W.	= RIGHT OF WAY
SAN. SWR.	= SANITARY SEWER
STM. SWR.	= STORM SEWER
U.E.	= UTILITY EASEMENT
VOL.	= VOLUME
GAS–PS	= GAS LINE PAINT STRIPE
GAS–PF	= GAS LINE PIN FLAG
TEL–PS	= TELEPHONE LINE PAINT STRIPE
TEL–PF	= TELEPHONE LINE PIN FLAG
FND.	= FOUND
I.R	= IRON ROD
C.I.R.	= CAPPED IRON ROD
I.P.	= IRON PIPE
H.L. & P.	= HOUSTON LIGHTING AND POWER
P.O.B.	= POINT OF BEGINNING

NOTES

1. THIS SURVEY WAS PREPARED WITH THE BENEFIT OF A COMMITMENT FOR TITLE INSURANCE ISSUED BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, G.F. No. CH–7655–1076551900149–JC, EFFECTIVE DATE OF COMMITMENT MAY 12, 2019, ISSUE DATE OF COMMITMENT MAY 16, 2019, WITH REGARD TO ANY RECORDED EASEMENTS, RIGHTS–OF–WAY OR SETBACKS AFFECTING THE SUBJECT PROPERTY. NO ADDITIONAL RESEARCH REGARDING THE EXISTENCE OF EASEMENTS, RESTRICTIONS, OR OTHER MATTERS OF RECORD HAS BEEN PERFORMED BY THE SURVEYOR.
2. BEARINGS SHOWN HEREON ARE BASED ON THE TEXAS COORDINATE SYSTEM OF 1983, SOUTH CENTRAL ZONE.
3. VISIBLE, ABOVE GROUND UTILITIES WERE LOCATED AS PER ALTA/NSPS 2016 MINIMUM STANDARD DETAIL REQUIREMENTS SECTION 5Eiv.
4. THE CITY OF HOUSTON HAS NO FORMAL ZONING ORDINANCES, NOR DOES THE SURVEYOR HAVE KNOWLEDGE OF ANY SPECIFIC ORDINANCES AFFECTING THE SURVEYED PROPERTY. THE SURVEYOR WAS NOT SUPPLIED WITH A PROPERTY ZONING REPORT.
5. THERE WAS NO OBSERVED EVIDENCE OF RECENT EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS.
6. THERE WAS NO EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS. THE SURVEYOR HAS NO KNOWLEDGE OF ANY PROPOSED CHANGES IN STREET RIGHT–OF–WAY LINES.
7. THERE WERE NO WETLANDS DELINEATED ON THE SURVEYED PROPERTY.
8. THE SURVEYOR CARRIES PROFESSIONAL LIABILITY INSURANCE.
9. THE TREE SPECIES AND SIZES SHOWN HEREON HAVE BEEN IDENTIFIED TO THE BEST OF THE SURVEYOR'S KNOWLEDGE. THE SURVEYOR CAN NOT CERTIFY, NOR ATTEST, TO THE ACCURACY OF THESE NOTATIONS. IF CERTIFICATION OF THIS INFORMATION IS REQUIRED, PLEASE CONTACT A LICENSED URBAN FORESTER OR ARBORIST FOR CONFIRMATION.
10. A METES AND BOUNDS DESCRIPTION OF THE SURVEYED PROPERTY WAS PREPARED IN CONJUNCTION WITH AND ACCOMPANIES THIS SURVEY.

TO: UG OLD HARDY LP; AND FIDELITY NATIONAL TITLE INSURANCE COMPANY

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 6(a), 7(a), 8, 9, 13, 14 AND 16–18 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON MAY 31, 2019.

DATED THIS THE 18TH DAY OF JUNE, 2020.

CHRIS RHODES
REGISTERED PROFESSIONAL LAND SURVEYOR
TEXAS REGISTRATION NO.:6532

STATE OF TEXAS · REGISTERED · CHRIS RHODES · 6532 · PROFESSIONAL · LAND SURVEYOR

ALTA/NSPS LAND TITLE SURVEY

OF

0.9816 ACRE

BEING

ALL OF LOTS 1 THROUGH 6 AND PORTIONS OF LOTS 7 THROUGH 12, BLOCK 19, S.F. NOBLE ADDITION, A SUBDIVISION RECORDED IN VOLUME 5, PAGE 69, HARRIS COUNTY DEED RECORDS

IN THE

J. AUSTIN SURVEY
ABSTRACT NO. 1
HARRIS COUNTY, TEXAS

REVISED: 06/18/20 UPDATE VESTING DEED

DATE:	06/05/19
SCALE:	1" = 20'
BOOK NO.:	
DRAWN BY:	S.L.
CHECKED BY:	M.H.
PROJECT NO.:	CS 19086
DRAWING NO.:	1 OF 1

10590 WESTOFFICE DRIVE, SUITE #100
HOUSTON, TEXAS 77042
OFFICE: (713) 839–9181
FAX: (713) 839–9020

Civil-Surv
Land Surveying,LLC

TBPLS No. 10143800
Email: michael@civil–surv.net

County: Harris
Project: 1702 Nance
M&B No: 19-143(r)
CS Job No: 19086

METES AND BOUNDS DESCRIPTION OF 0.9816 ACRE

Being a tract of land containing 0.9816 acre, located in the John Austin Survey, Abstract 1, in Harris County, Texas; Said 0.9816 acre tract being all of Lots 1-6 and portions of Lots 7-12, Block 19, S.F. Noble Addition, a subdivision recorded in Volume 5, Page 69, of the Harris County Deed Records (H.C.D.R.), same being all of a called 0.9816 acre tract of land recorded in the name of UG Old Hardy LP in Harris County Clerks File Number (H.C.C.F. No.) RP-2020-256186; Said 0.9816 acre tract being more particularly described by metes and bounds as follows (all bearings are referenced to the Texas Coordinate System of 1983, South Central Zone):

BEGINNING, at a 5/8-inch capped iron rod found at a northerly east corner of said 0.9816 acre tract and the northeast corner of a tract of land recorded in the name of Easy Street Holdings, L.L.C. in H.C.C.F. No. RP-2018-535620 on the south Right-of-Way (R.O.W.) line of Nance Street (sixty feet wide per Volume 5, Page 69, of the H.C.D.R.);

THENCE, North 87° 41' 47" East, with the north line of said 0.9816 acre tract and the south R.O.W. line of said Nance Street, a distance of 18.66 feet to a 5/8-inch capped iron rod set for the northeast corner of the herein described tract on the west R.O.W. line of Elysian Street (width varies per H.C.C.F. No. 20140354537);

THENCE, South 03° 45' 24" West, with the east line of said 0.9816 acre tract and the west R.O.W. line of said Elysian Street, a distance of 301.69 feet to 5/8-inch capped iron rod set on the north R.O.W. line of Sterrett Street (sixty feet wide per Volume 5, Page 69, of the H.C.D.R.) for the most easterly southeast corner of said 0.9816 acre tract;

THENCE, with south lines of said 0.9816 acre tract the following three (3) courses:

1. South 87° 41' 47" West, with the north R.O.W. line of said Sterrett Street, a distance 36.81 feet to a 5/8-inch iron rod found for an angle point;

2. South 02° 18' 13" East, through and across said Sterrett Street , a distance of 19.40 feet to a 5/8-inch capped iron rod set for the most southerly southeast corner of said 0.9816 acre tract;

3. South 87° 41' 47" West, continuing through and across said Sterrett Street, a distance of 100.00 feet to a 5/8-inch iron rod set for the southwest corner of said 0.9816 acre tract on an extension of the east R.O.W. line of Hardy Street (unimproved, sixty feet wide per Volume 5, Page 69, of the H.C.D.R.);

THENCE, North 02° 18' 13" West, with west line of said 0.9816 acre tract and with the east R.O.W. line of said Hardy Street, a distance of 319.40 feet to a 5/8-inch capped iron rod set on the south R.O.W. line of said Nance Street for the northwest corner of said 0.9816 acre tract;

THENCE, North 87° 41' 47" East, with the north line of said 0.9816 acre tract and with the south R.O.W. line of said Nance Street, a distance of 100.00 feet to a 5/8-inch capped iron rod set at the northwest corner of said Easy Street Holdings, L.L.C. tract;

THENCE, with lines common to said 0.9816 acre tract and said Easy Street Holdings, L.L.C. tract the following three (3) courses:

1. South 02° 18' 13" East, a distance of 100.00 feet to a 5/8-inch capped iron rod found at the southwest corner of said Easy Street Holdings, L.L.C. tract;

2. North 87° 41' 47" East, a distance of 50.00 feet to a 5/8-inch capped iron rod found at the southeast corner of said Easy Street Holdings, L.L.C. tract;

3. North 02° 18' 13" West, a distance of 100.00 feet to the **POINT OF BEGINNING** and containing 0.9816 acres of land.

An ALTA/NSPS Land Title Survey drawing of the herein described tract was prepared in conjunction with and accompanies this description.

Chris Rhodes, R.P.L.S.
Texas Registration Number 6532

CVIL-SURV LAND SURVEYING, LC
PH: (713) 839-9181
June 5, 2019
Revised June 18, 2020

RP-2020-256186
06/16/2020 ER $38.00

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

STATE OF TEXAS §
§
COUNTY OF HARRIS §

SPECIAL WARRANTY DEED

125 WEST CROSSTIMBERS, LTD., a Texas limited partnership ("Grantor"), whose address is 2001 Kirby Drive, Suite 805, Houston, Texas 77019, for and in consideration of the sum of TEN AND NO/100 DOLLARS ($10.00) paid to Grantor by UG OLD HARDY LP, a Texas limited partnership ("Grantee"), whose address is 306 Avondale St., Suite 200, Houston, Texas 77006 and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged has GRANTED, BARGAINED, SOLD and CONVEYED, and by these presents does hereby GRANT, BARGAIN, SELL and CONVEY unto Grantee, that certain land located in Harris County, Texas, and being more particularly described on the attached **Exhibit A**, TOGETHER WITH (1) all improvements located thereon, if any, (2) all and singular the rights, interests, benefits, privileges, easements, tenements, hereditaments, and appurtenances thereon or in any way appertaining thereto, and (3) all right, title, and interest of Grantor, if any, in and to all strips and gores and any land lying in the bed of any street, right-of-way, road or alley, open or proposed, appurtenant or incident to such land, and any water rights, surface and subsurface mineral rights (such land, together with the foregoing (1) through (3), are referred to herein as the "Property").

This conveyance is made and accepted subject to the permitted exceptions described on **Exhibit B** attached hereto (collectively, "Permitted Exceptions").

TO HAVE AND TO HOLD the Property, subject to the Permitted Exceptions, unto Grantee and Grantee's successors and assigns forever; and Grantor does hereby bind itself and its successors to warrant and forever defend the Property unto Grantee and Grantee's 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.

GRANTEE ACKNOWLEDGES AND AGREES THAT, EXCEPT AS EXPRESSLY SET FORTH IN THE TAR COMMERCIAL CONTRACT – IMPROVED PROPERTY DATED EFFECTIVE AS OF MAY 9, 2019, BETWEEN GRANTOR AND GRANTEE'S PREDECESSOR-IN-INTEREST (AS AMENDED, THE "CONTRACT"), AND/OR THE WARRANTIES OF THIS SPECIAL WARRANTY DEED, GRANTOR IS CONVEYING THE PROPERTY TO GRANTEE, AND GRANTEE IS ACCEPTING THE PROPERTY FROM GRANTOR, IN ITS "AS-IS, WHERE-IS" CONDITION "WITH ALL FAULTS" AND SPECIFICALLY AND EXPRESSLY WITHOUT ANY WARRANTIES, REPRESENTATIONS, OR GUARANTIES, EITHER EXPRESS OR IMPLIED, OF ANY KIND, NATURE, OR TYPE WHATSOEVER. GRANTEE ACKNOWLEDGES THAT IT HAS NOT

RP-2020-256186

RELIED, AND IS NOT RELYING, UPON ANY INFORMATION, DOCUMENT, SALES BROCHURES, OR OTHER LITERATURE, MAPS, OR SKETCHES, PROJECTION, PROFORMA, STATEMENT, REPRESENTATION, GUARANTY, OR WARRANTY (WHETHER EXPRESS OR IMPLIED, ORAL, OR WRITTEN, OR MATERIAL OR IMMATERIAL) THAT MAY HAVE BEEN GIVEN OR MADE BY, OR ON BEHALF OF, GRANTOR OR ANYONE ACTING ON ITS BEHALF. GRANTOR SPECIFICALLY DISCLAIMS ANY WARRANTY, GUARANTY, OR REPRESENTATION, ORAL OR WRITTEN, PAST OR PRESENT, EXPRESS OR IMPLIED, CONCERNING THE PROPERTY, EXCEPT AS SUCH WARRANTY, GUARANTY, OR REPRESENTATION IS EXPRESSLY SET FORTH IN THE CONTRACT.

[*Signature Page Follows*]

RP-2020-256186

EXECUTED effective as of the 15 day of June, 2020.

GRANTOR:

125 WEST CROSSTIMBERS, LTD.,
a Texas limited partnership

By: 125WCT Management, LLC,
a Texas limited liability company,
its General Partner

By: _____
John P. Madden, President

STATE OF TEXAS)
) SS.
COUNTY OF HARRIS)

I, the undersigned, a Notary Public in and for said County, in the State aforesaid, DO HEREBY CERTIFY that John P. Madden, as the President of 125WCT Management, LLC, a Texas limited liability company, the General Partner of 125 West Crosstimbers, LTD., a Texas limited partnership, personally known to me, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed and delivered the said instrument as his free and voluntary act for the purposes therein set forth.

Given under my hand and official seal this 15TH day of June, 2020.

JONATHAN DAVIS COOPER
ID# 131756107
NOTARY PUBLIC, STATE OF TEXAS
MY COMMISSION EXPIRES
OCTOBER 26, 2022

_____
Notary Public

My Commission expires: 10/26/22

RP-2020-256186

RP-2020-256186

Exhibit A

LEGAL DESCRIPTION

Being a tract of land containing 0.9816 acre, located in the John Austin Survey, Abstract 1, in Harris County, Texas; Said 0.9816 acre tract being all of Lots 1-6 and portions of Lots 7-12, Block 19, S.F. Noble Addition, a subdivision recorded in Volume 5, Page 69, of the Harris County Deed Records (H.C.D.R.), same being out of a called 1.228 acre tract of land recorded in the name of 125 West Crosstimbers, Ltd. in Harris County Clerks File (H.C.C.F.) Number 20110223447 (Tract I) and all of a tract of land recorded in the name of 125 West Crosstimbers, Ltd. in Harris County Clerks File (H.C.C.F.) Number 2020252429 (Tract II); Said 0.9816 acre tract being more particularly described by metes and bounds as follows (all bearings are referenced to the Texas Coordinate System of 1983, South Central Zone):

BEGINNING, at a 5/8-inch capped iron rod found at a northerly east corner of said Tract I and the northeast corner of a tract of land recorded in the name of Easy Street Holdings, L.L.C. in H.C.C.F. Number RP-2018-535620 on the south Right-of-Way (R.O.W.) line of Nance Street (sixty feet wide per Volume 5, Page 69, of the H.C.D.R.);

THENCE, North 87° 41' 47" East, with the north line of said Tract I and the south R.O.W. line of said Nance Street, a distance of 18.66 feet to a 5/8-inch capped iron rod set for the northeast corner of the herein described tract on the west R.O.W. line of Elysian Street (width varies per H.C.C.F. Number 20140354537);

THENCE, South 03° 45' 24" West, through and across said Tract I and with the west R.O.W. line of said Elysian Street, a distance of 301.69 feet to 5/8-inch capped iron rod set on the south line of said Tract I and the north R.O.W. line of Sterrett Street (sixty feet wide per Volume 5, Page 69, of the H.C.D.R.) for the most easterly southeast corner of the herein described tract;

THENCE, with south lines of said Tract I the following three (3) courses:

1. South 87° 41' 47" West, with the north R.O.W. line of said Sterrett Street, a distance 36.81 feet to a 5/8-inch iron rod found for an angle point;

2. South 02° 18' 13" East, through and across said Sterrett Street , a distance of 19.40 feet to a 5/8-inch capped iron rod set for the most southerly southeast corner of the herein described tract;

3. South 87° 41' 47" West, continuing through and across said Sterrett Street, a distance of 100.00 feet to a 5/8-inch iron rod set for the southwest corner of the herein described tract on an extension of the east R.O.W. line of Hardy Street (unimproved, sixty feet wide per Volume 5, Page 69, of the H.C.D.R.)

THENCE, North 02° 18' 13" West, with west line of said Tract I and with the east R.O.W. line of said Hardy Street, a distance of 319.40 feet to a 5/8-inch capped iron rod set on the south R.O.W. line of said Nance Street for the northwest corner of the herein described tract;

THENCE, North 87° 41' 47" East, with the north lines of said Tract I and said Tract II and with the south R.O.W. line of said Nance Street, a distance of 100.00 feet to a 5/8-inch capped iron rod set at the northeast corner of said Tract II and the northwest corner of said Easy Street Holdings, L.L.C. tract;

THENCE, with lines common to said Tracts I and II and said Easy Street Holdings, L.L.C. tract the following three (3) courses:

1. South 02° 18' 13" East, a distance of 100.00 feet to a 5/8-inch capped iron rod found at the southwest corner of said Easy Street Holdings, L.L.C. tract;

2. North 87° 41' 47" East, a distance of 50.00 feet to a 5/8-inch capped iron rod found at the southeast corner of said Easy Street Holdings, L.L.C. tract;

3. North 02° 18' 13" West, a distance of 100.00 feet to the **POINT OF BEGINNING** and containing 0.9816 acres of land.

RP-2020-256186

Exhibit B

PERMITTED EXCEPTIONS

1. Standby fees, taxes and assessments by any taxing authority for the year 2020 and subsequent years.

2. Temporary Easement granted to the State of Texas by instrument August 10, 2018, filed for record under Harris County Clerk's File No. RP-2018-444787.

3. The following matters shown on the survey prepared by Michael Hall, RPLS No. 5765, dated 06/05/2019, as amended:

    a. Overhead Electric Line extending from the west property line;
    b. Gas Line Paint Stripe along west property line;
    c. Storm Sewer along the east property line;
    d. Manhole along the south property line; and
    e. Fences do not follow the property lines.

RP-2020-256186

RP-2020-256186

Pages 7

06/16/2020 08:25 AM

e-Filed & e-Recorded in the

Official Public Records of

HARRIS COUNTY

CHRIS HOLLINS

COUNTY CLERK

Fees $38.00

RP-2020-256186

RECORDERS MEMORANDUM
This instrument was received and recorded electronically and any blackouts, additions or changes were present at the time the instrument was filed and recorded.

Any provision herein which restricts the sale, rental, or use of the described real property because of color or race is invalid and unenforceable under federal law.
THE STATE OF TEXAS
COUNTY OF HARRIS
I hereby certify that this instrument was FILED in File Number Sequence on the date and at the time stamped hereon by me; and was duly RECORDED in the Official Public Records of Real Property of Harris County, Texas.

COUNTY CLERK
HARRIS COUNTY, TEXAS

LEGEND

Property Boundary

N

0 60 120

Approximate Scale (feet)

InControl Technologies
14731 Pebble Bend Drive
Houston, Texas 77068
(281) 580-8892 FAX (281) 580-8853

MSD Boundary Map

CLIENT: Urban Genesis			PM: LMG
LOCATION: 1702 Nance Street Houston, Texas 77020			CHECKED: MFM
DETAILED: Date	DESIGNED: LMG	PROJECT NO: E20011-101	FIGURE: **A**

Appendix B

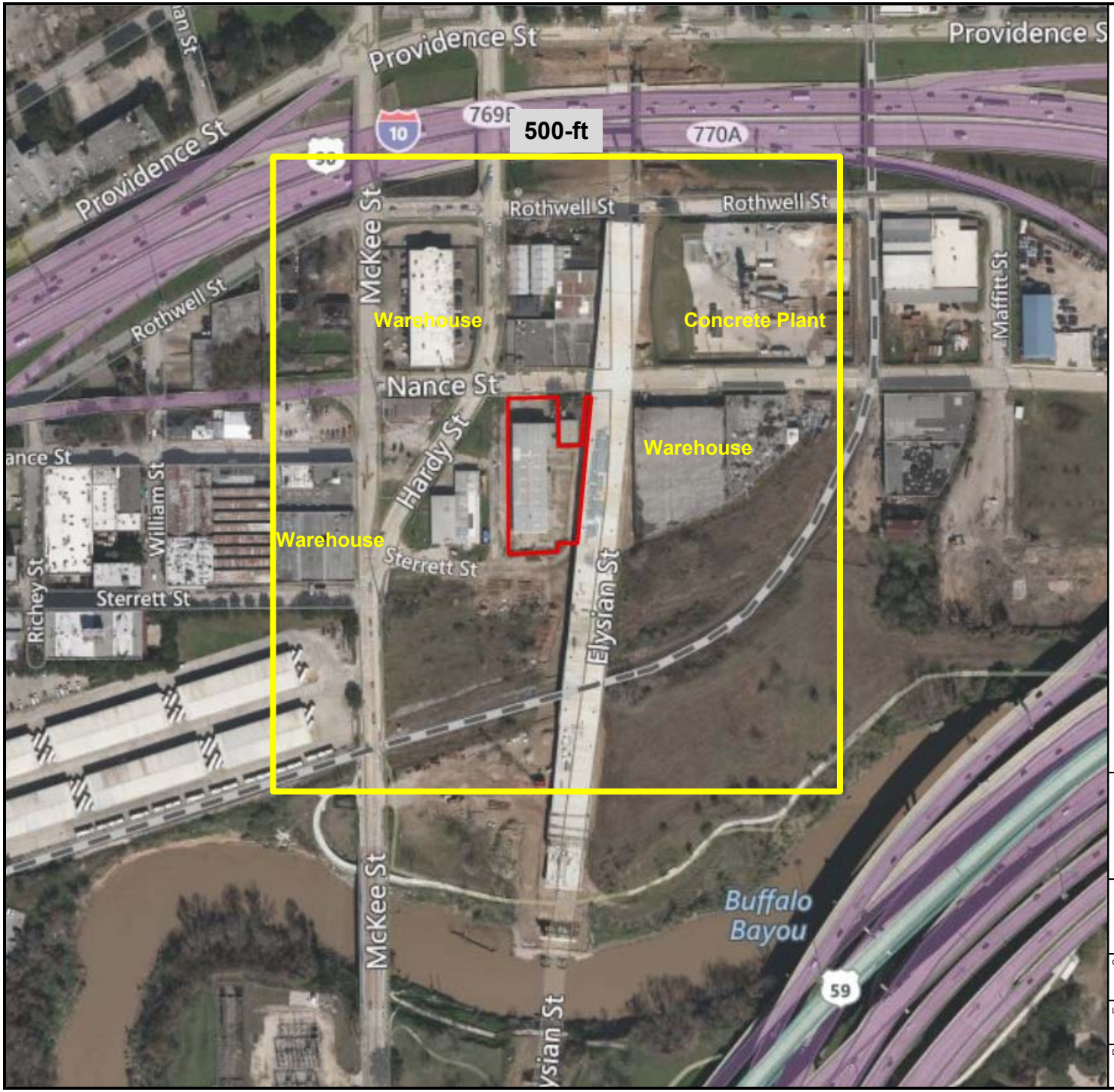
A description of the current use, and, to the extent known, the anticipated use(s), of the designated property and properties within 500 feet of the boundary of the designated property.

The proposed MSD area is 0.9816-acres of land located northeast of downtown Houston, Harris County, Texas. The affected property is in a commercial/ industrial land use area of Houston. **Figure B** provides a description of the surrounding land use within 500-feet of the site.

The subject property is currently developed with one vacant warehouse building. The anticipated future use of the property is a multi-family residential development.

The surrounding land use is described as:

- North – commercial warehouse buildings and a concrete plant to the northeast;
- East – commercial warehouse building;
- South – vacant property owned by Harris County Flood Control District, railroad tracks;
- West – commercial warehouse building.



LEGEND

- VCP Property Boundary
- 500-ft Boundary

N

0 250 500

Approximate Scale (feet)

InControl Technologies
14731 Pebble Bend Drive
Houston, Texas 77068
(281) 580-8892 FAX (281) 580-8853

Surrounding Property Use Map

CLIENT: Urban Genesis			PM: LMG
LOCATION: 1702 Nance Street Houston, Texas 77020			CHECKED: MFM
DETAILED: Date	DESIGNED: LMG	PROJECT NO: E20011-101	FIGURE: B

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 exceedence zone for each contaminant of concern, to the extent known.
g. Depth to groundwater for each affected zone.

The following is a listing of figures included in **Appendix C**.

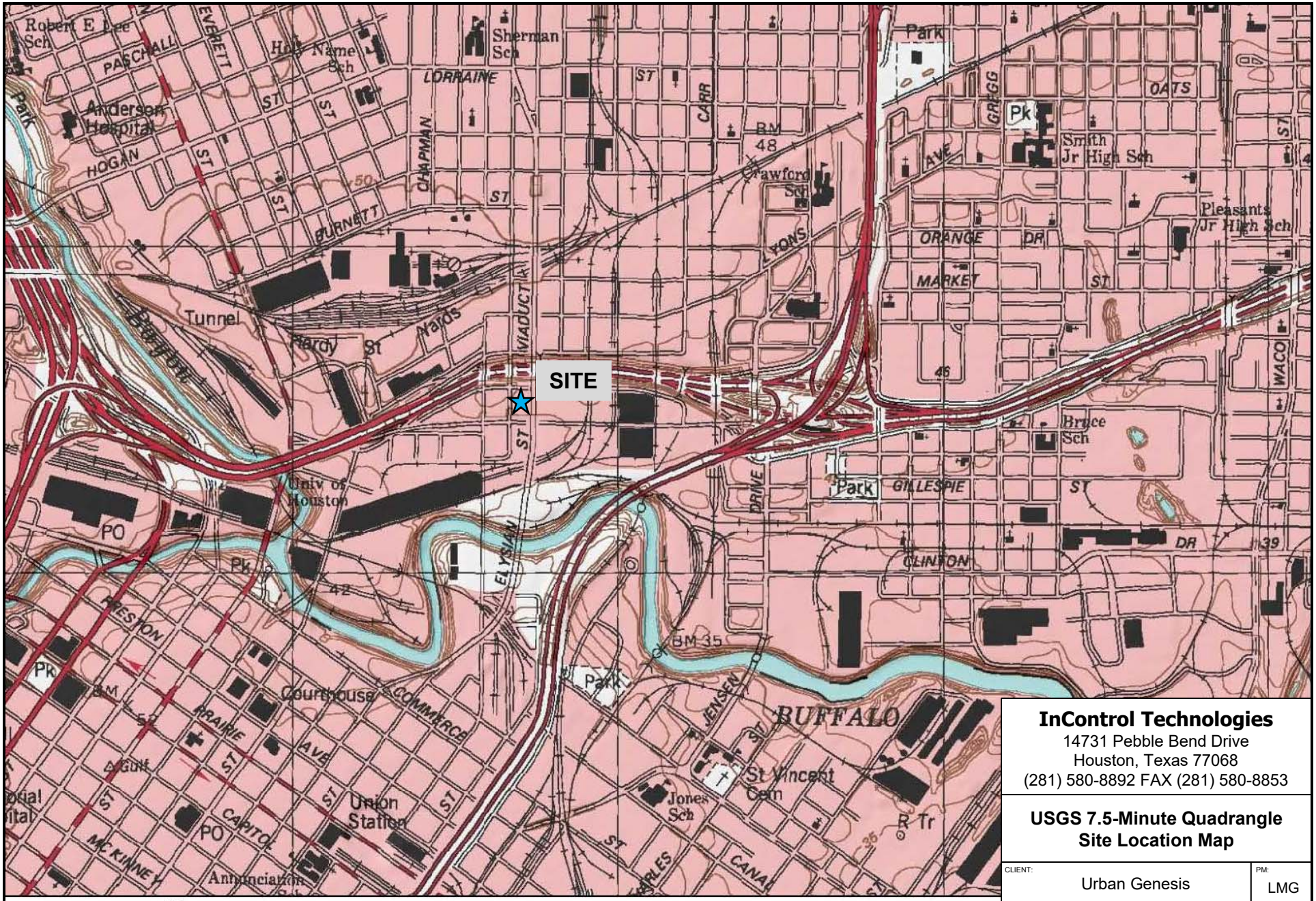
Figure C1 – Topographic Map
Figure C2 – Watershed Map
Figure C3 – Flood Plain Map
Figure C4a – Tetrachloroethene Concentrations in Groundwater
Figure C4b – Trichloroethene Concentrations in Groundwater
Figure C4c – Cis-1,2-Dichloroethene Concentrations in Groundwater
Figure C5 – Soil Boring Location Map
Figure C6 – Groundwater Monitoring Well Location Map
Figure C7 – Groundwater Gradient Map (March 2021)

The Site is located within the Buffalo Bayou Watershed and is located primarily outside the 0.2% annual chance (500 year) floodplain (**Figure C2**).

The primary chemicals of concern (COCs) are chlorinated hydrocarbons tetrachloroethene (PCE), trichloroethene (TCE), and cis-1,2-dichloroethene (cis-1,2-DCE) (**Figures C4a through C4c**).

Figure C4a through **Figure C4c** depicts the groundwater PCLE zones during the most recent sampling event (March 2021). **Figure C5** and **Figure C6** depict the locations of the soil and groundwater samples, respectively. The groundwater gradient flows to the southwest at 0.004 ft/ft (**Figure C7**).

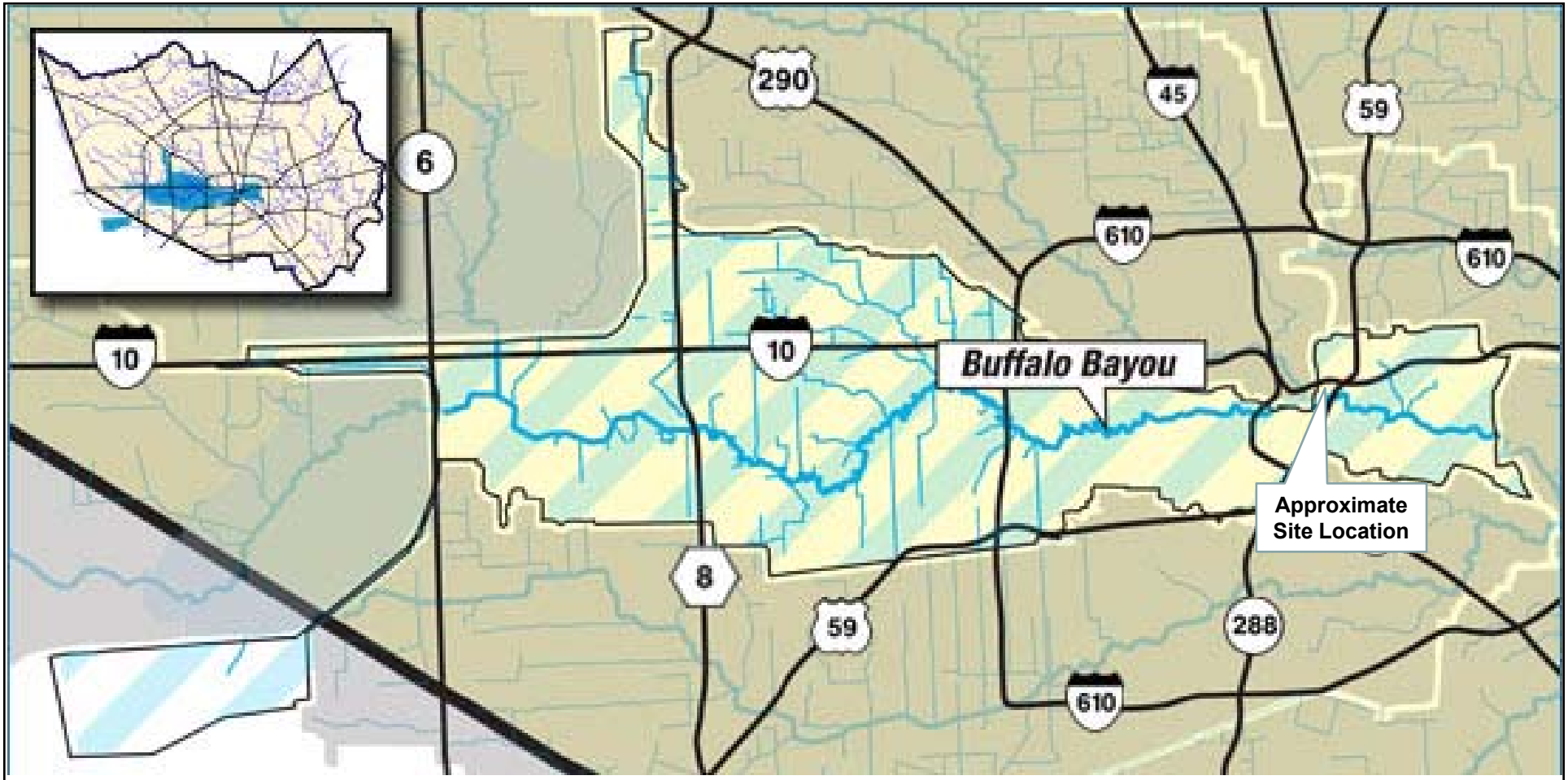
The first groundwater bearing unit is comprised of sand and is encountered at a depth of approximately 15-feet below ground surface (ft bgs) during drilling. The base of the first groundwater bearing unit is encountered at a depth of approximately 29-ft bgs and is underlain by a sandy clay. The average static depth to groundwater in the monitoring wells is 15.5-ft bgs.



InControl Technologies
14731 Pebble Bend Drive
Houston, Texas 77068
(281) 580-8892 FAX (281) 580-8853

USGS 7.5-Minute Quadrangle Site Location Map

CLIENT: Urban Genesis			PM: LMG
LOCATION: 1702 Nance Street Houston, Texas 77020			CHECKED: MFM
DETAILED: Date	DESIGNED: LMG	PROJECT NO: E20011-101	FIGURE: **C1**



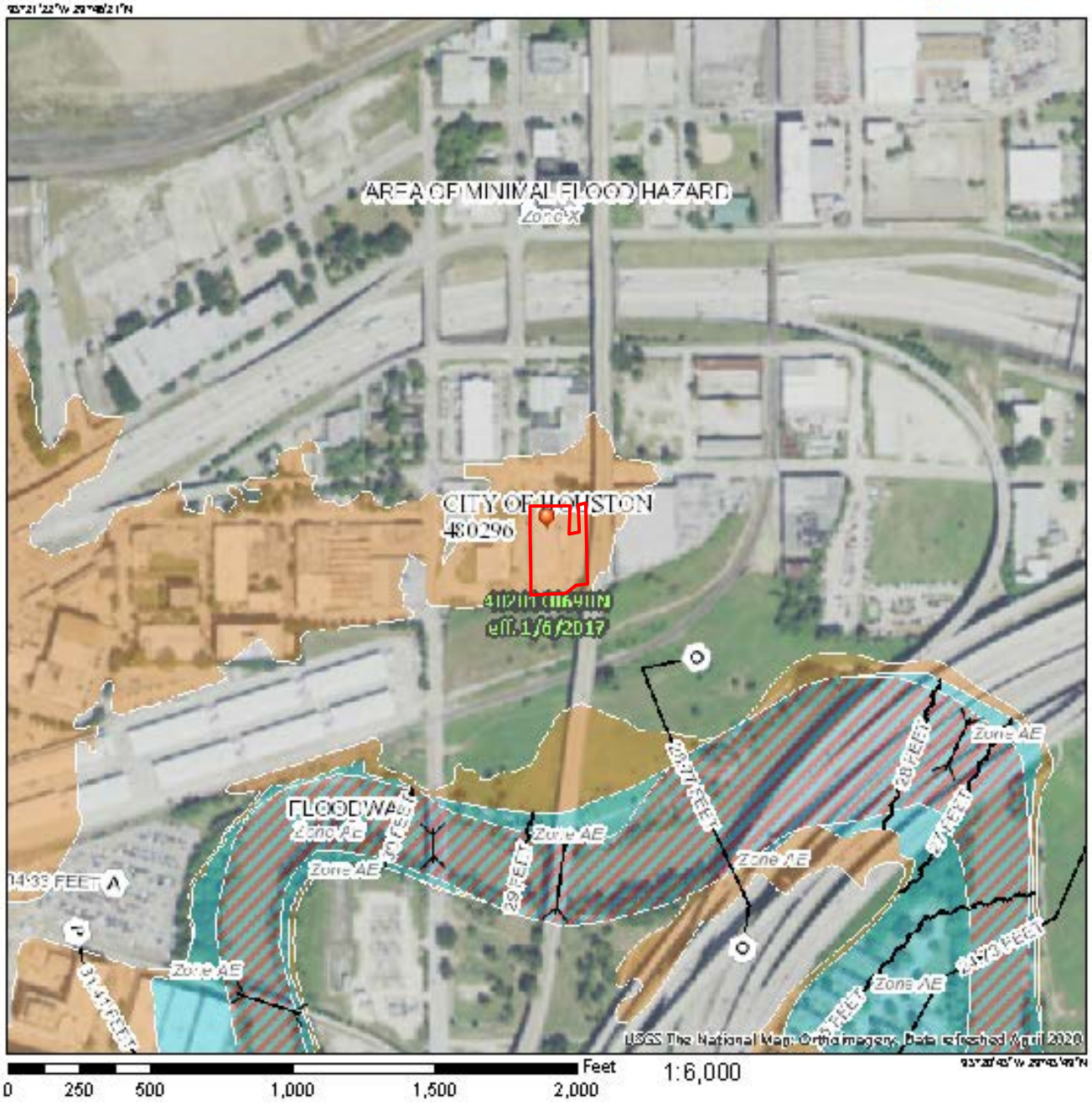
Source: Harris County Flood Control District

InControl Technologies
14731 Pebble Bend Drive
Houston, Texas 77068
(281) 580-8892 FAX (281) 580-8853

Watershed Map

CLIENT: Urban Genesis			PM: LMG
LOCATION: 1702 Nance Street Houston, Texas 77020			CHECKED: MFM
DETAILED: Date	DESIGNED: LMG	PROJECT NO: E20011-101	FIGURE: **C2**

National Flood Hazard Layer FIRMette



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

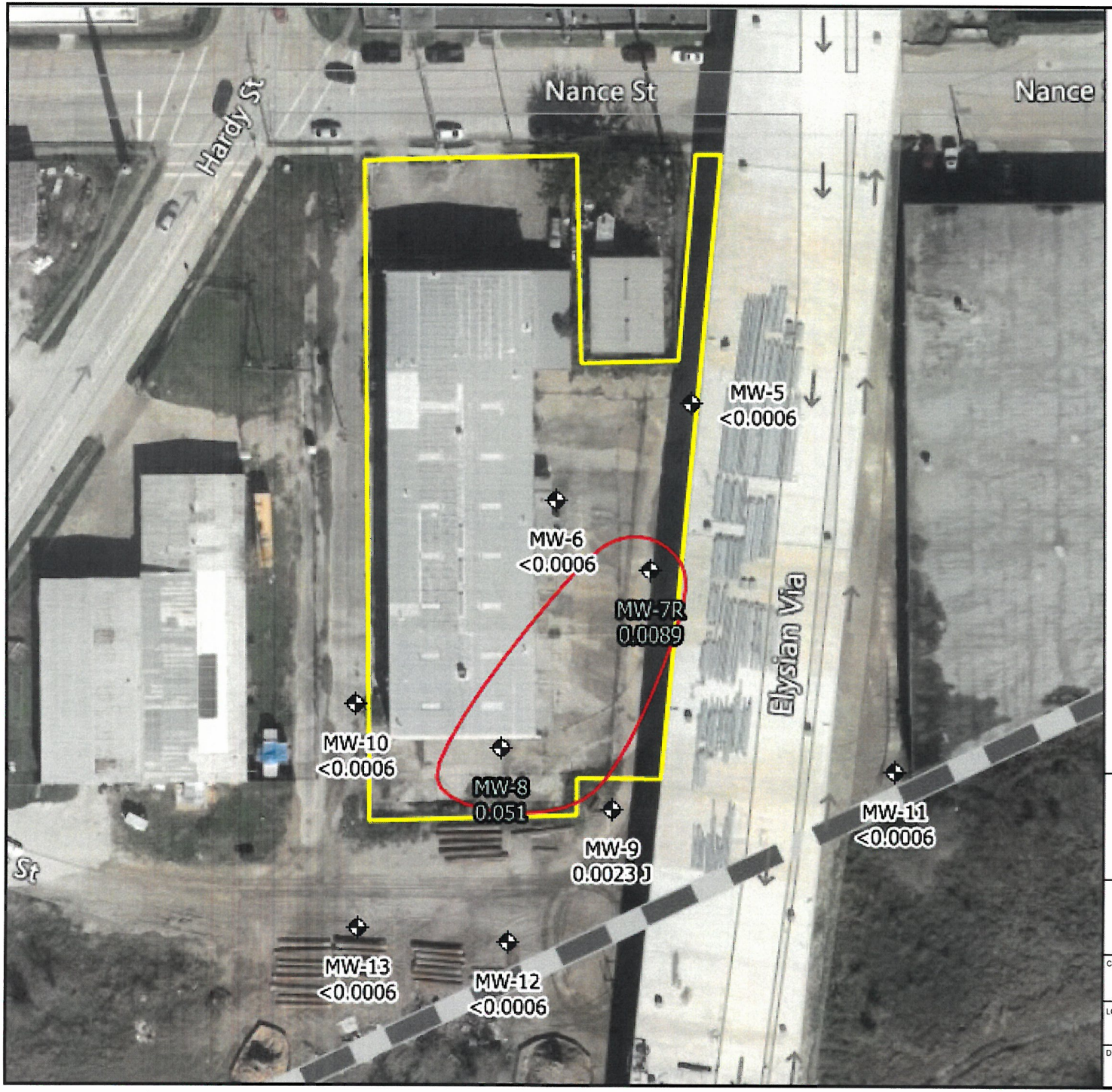
- SPECIAL FLOOD HAZARD AREAS
  - Without Base Flood Elevation (BFE)
  - With BFE or Depth
  - Regulatory Floodway
- OTHER AREAS OF FLOOD HAZARD
  - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
  - Future Conditions 1% Annual Chance Flood Hazard
  - Area with Reduced Flood Risk due to Levee. See Notes.
  - Area with Flood Risk due to Levee
- OTHER AREAS
  - NO SCREEN: Area of Minimal Flood Hazard
  - Effective LOMRs
  - Area of Undetermined Flood Hazard
- GENERAL STRUCTURES
  - Channel, Culvert, or Storm Sewer
  - Levee, Dike, or Floodwall
- OTHER FEATURES
  - Cross Sections with 1% Annual Chance
  - Water Surface Elevation
  - Coastal Transect
  - Base Flood Elevation Line (BFE)
  - Limit of Study
  - Jurisdiction Boundary
  - Coastal Transect Baseline
  - Profile Baseline
  - Hydrographic Feature
- MAP PANELS
  - Digital Data Available
  - No Digital Data Available
  - Unmapped

Zone X **Areas determined to be outside the 0.2% annual chance floodplain**

InControl Technologies
14731 Pebble Bend Drive
Houston, Texas 77068
(281) 580-8892 FAX (281) 580-8853

Floodplain Map

CLIENT: Urban Genesis			PM: LMG
LOCATION: 1702 Nance Street Houston, Texas 77020			CHECKED: MFM
DETAILED: Date	DESIGNED: LMG	PROJECT NO: E20011-101	FIGURE: **C3**



LEGEND

- Property Boundary
- Groundwater Monitoring Well
- PCLE Zone (0.005 mg/L)

STATE OF TEXAS
MICHAEL F. MARRON
LICENSED
PROFESSIONAL GEOSCIENTIST

3/25/2021

N

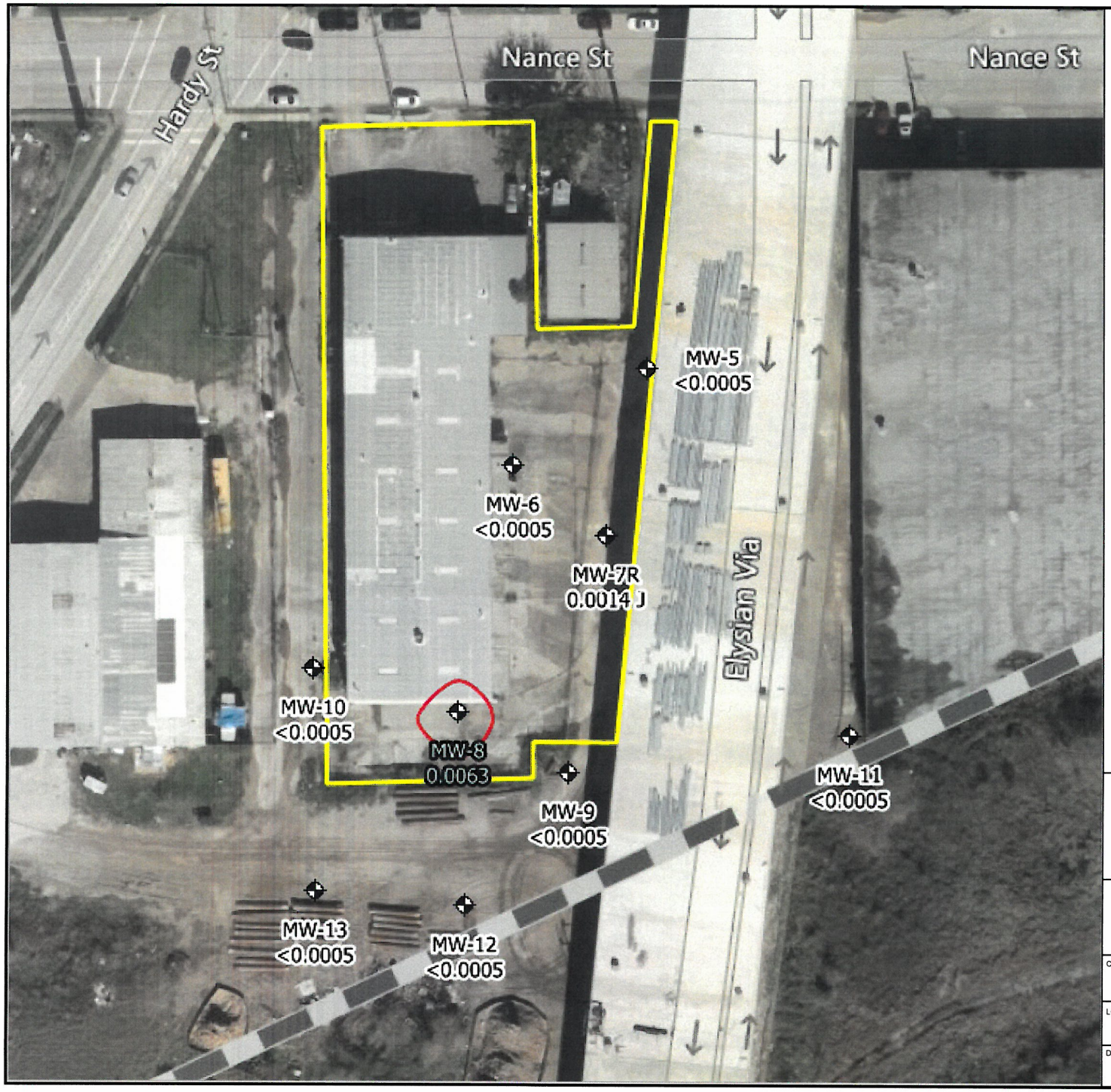
0 70 140

Approximate Scale (feet)

InControl Technologies
14731 Pebble Bend Drive
Houston, Texas 77068
(281) 580-8892 FAX (281) 580-8853

PCE in Groundwater
March 2021

CLIENT: Urban Genesis			PM: LMG
LOCATION: 1702 Nance Street, Houston, Texas 77020			CHECKED: MFM
DETAILED: 3/21/2021	DESIGNED: LMG	PROJECT NO: E20011-101	FIGURE: C4a



LEGEND

- Property Boundary
- Groundwater Monitoring Well
- PCLE Zone (0.005 mg/L)

STATE OF TEXAS
MICHAEL F. MARCON
GEOLOGY
LICENSED
PROFESSIONAL GEOSCIENTIST

3/25/2024

N

0 70 140

Approximate Scale (feet)

InControl Technologies
14731 Pebble Bend Drive
Houston, Texas 77068
(281) 580-8892 FAX (281) 580-8853

TCE in Groundwater
March 2021

CLIENT: Urban Genesis			PM: LMG
LOCATION: 1702 Nance Street, Houston, Texas 77020			CHECKED: MFM
DETAILED: 3/21/2021	DESIGNED: LMG	PROJECT NO: E20011-101	FIGURE: C4b

LEGEND

- Property Boundary
- Groundwater Monitoring Well
- PCLE Zone (0.07 mg/L)

STATE OF TEXAS
MICHAEL F. MARCON
GEOLOGY
LICENSED
PROFESSIONAL GEOSCIENTIST

3/25/2021

N

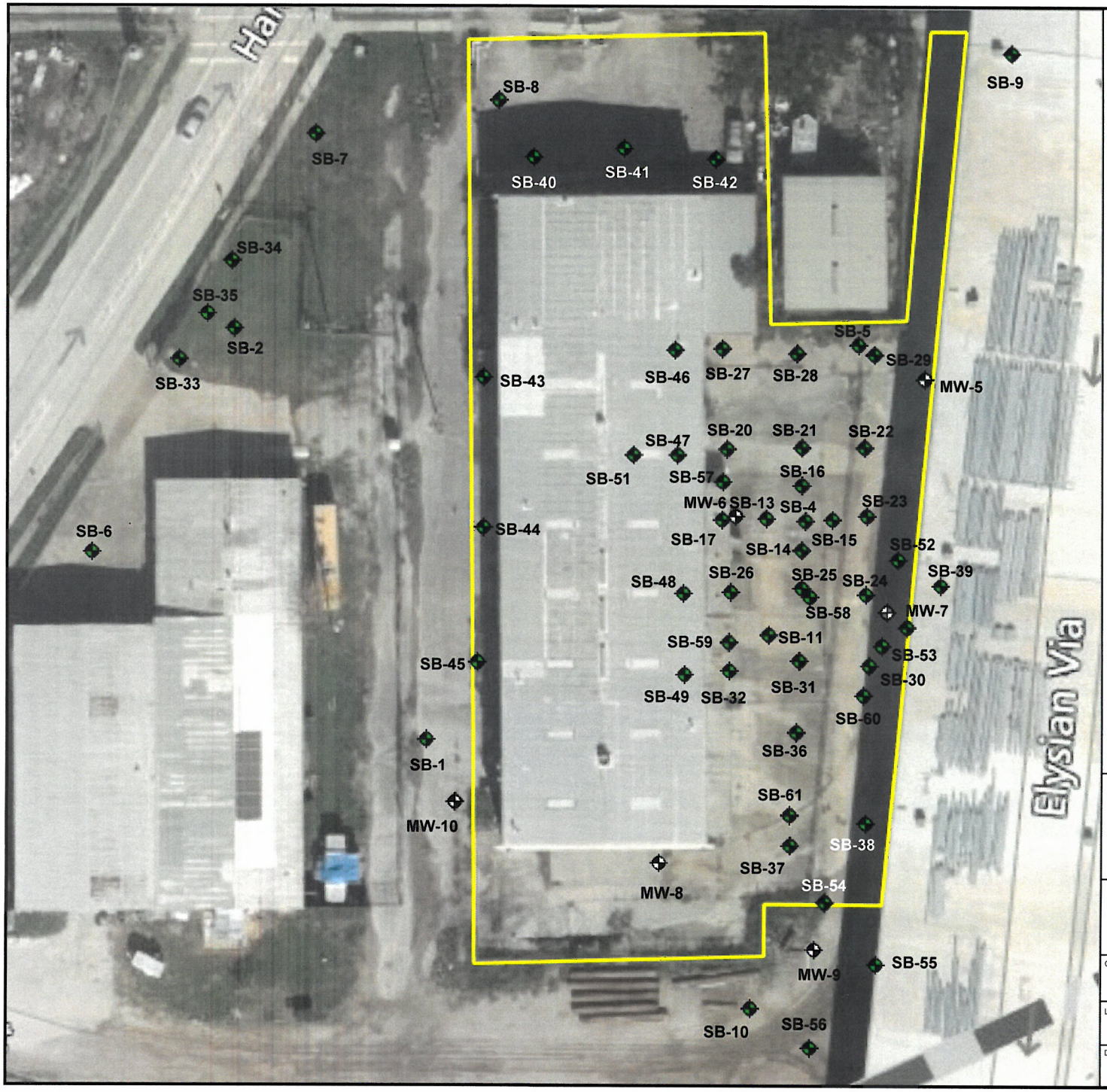
0 70 140

Approximate Scale (feet)

InControl Technologies
14731 Pebble Bend Drive
Houston, Texas 77068
(281) 580-8892 FAX (281) 580-8853

Cis-1,2-DCE in Groundwater
March 2021

CLIENT: Urban Genesis			PM: LMG
LOCATION: 1702 Nance Street, Houston, Texas 77020			CHECKED: MFM
DETAILED: 3/21/2021	DESIGNED: LMG	PROJECT NO: E20011-101	FIGURE: C4c



LEGEND

- Property Boundary
- Groundwater Monitoring Well
- Former GW Monitoring Well
- Soil Boring

STATE OF TEXAS
MICHAEL F. MARCON
GEOLOGY
2704
LICENSED
PROFESSIONAL GEOSCIENTIST
3/25/2021

N

0 50 100

Approximate Scale (feet)

InControl Technologies
14731 Pebble Bend Drive
Houston, Texas 77068
(281) 580-8892 FAX (281) 580-8853

Soil Boring Location Map

CLIENT: Urban Genesis			PM: LMG
LOCATION: 1702 Nance Street Houston, Texas 77020			CHECKED: MFM
DETAILED: 3/21/2021	DESIGNED: LMG	PROJECT NO: E20011-101	FIGURE: C5

LEGEND

- Property Boundary
- Groundwater Monitoring Well

STATE OF TEXAS
MICHAEL F. MARCON
GEOLOGY
LICENSED
PROFESSIONAL GEOSCIENTIST

3/25/2021

N

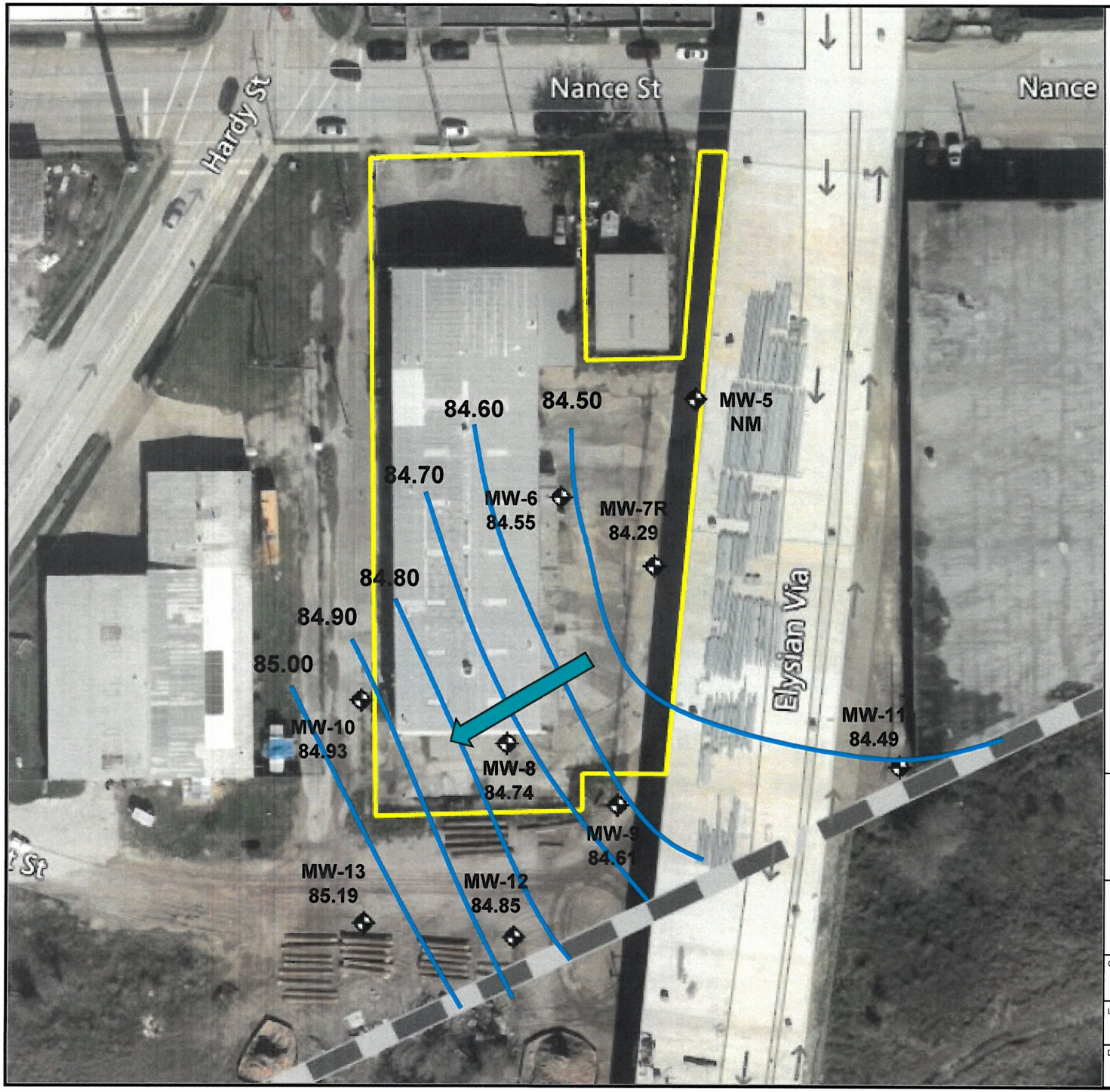
0 70 140

Approximate Scale (feet)

InControl Technologies
14731 Pebble Bend Drive
Houston, Texas 77068
(281) 580-8892 FAX (281) 580-8853

Monitoring Well Location Map

CLIENT: Urban Genesis			PM: LMG
LOCATION: 1702 Nance Street Houston, Texas 77020			CHECKED: MFM
DETAILED: 3/21/2021	DESIGNED: LMG	PROJECT NO: E20011-101	FIGURE: C6



LEGEND

- Property Boundary
- Groundwater Monitoring Well
- Gradient Contour

STATE OF TEXAS
MICHAEL F. MARCON
GEOLOGY
2704
LICENSED
PROFESSIONAL GEOSCIENTIST

3/25/2021

N

0 70 140

Approximate Scale (feet)

InControl Technologies
14731 Pebble Bend Drive
Houston, Texas 77068
(281) 580-8892 FAX (281) 580-8853

Groundwater Gradient Map
March 2021

CLIENT: Urban Genesis			PM: LMG
LOCATION: 1702 Nance Street Houston, Texas 77020			CHECKED: MFM
DETAILED: 3/21/2021	DESIGNED: LMG	PROJECT NO: E20011-101	FIGURE: C7

Appendix D

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).

Protective Concentration Level Exceedence (PCLE) Zone – A review of recent groundwater sampling data indicates that the COCs that exceed the Tier 1 $^{GW}GW_{Ing}$ PCLs are tetrachloroethene (PCE), trichloroethene (TCE), and cis-1,2-dichloroethene (cis-1,2-DCE).

The PCLE zones are depicted on **Figures C4a through C4c** and are discussed in more detail below. The area of affected groundwater has been delineated horizontally in all directions and the plume appears to be stable. The current overall PCLE zone is approximately 175-feet long by 70-ft wide. A comparison of the groundwater sampling results with applicable non-ingestion PCLs ($^{Air}GW_{Inh-V}$) indicates that none of the groundwater samples reported a COC concentration above the $^{Air}GW_{Inh-V}$ PCL. Therefore, based on the recent groundwater monitoring results, there is no non-ingestion protective concentration level exceedance zone within the proposed MSD boundary.

A comparison of the groundwater sampling results with applicable non-ingestion protective concentration levels ($^{Air}GW_{Inh-V}$) indicates that none of the groundwater samples reported any COC above a $^{Air}GW_{Inh-V}$ PCL. Therefore, based on the recent groundwater monitoring results, besides the $^{GW}GW_{Ing}$ exceedances, there are no other protective concentration level exceedance zones within the proposed MSD boundary.

The first groundwater bearing unit is comprised of sand and is encountered at a depth of approximately 15-feet below ground surface (ft bgs) during drilling. The base of the first groundwater bearing unit is encountered at a depth of approximately 29-ft bgs and is underlain by a sandy clay. The average static depth to groundwater in the monitoring wells is 15.5-ft bgs.

COC: Tetrachloroethene	
Maximum Concentration from analytical data	0.15 mg/L (MW-8; June 2020)
Ingestion-Based PCL (Residential $^{GW}GW_{Ing}$)	0.005 mg/L
Ingestion-Based PCLE Zone (approximate)	Length: 175 ft Width: 75 ft Vertical Extent: 15ft – 30ft below ground surface (bgs)
Non-Ingestion-Based PCL ($^{Air}GW_{Inh-V}$)	500 mg/L
Non-Ingestion-Based PCLE Zone	NONE
Geochemical/ Physical Properties	
Molecular Weight	165.8 g/mol
Specific Gravity	1.623
Solubility in Water	206 mg/L @ 25°C
Groundwater Migration	along groundwater gradient

COC: Trichloroethene	
Maximum Concentration from analytical data	0.022 mg/L (MW-8; June 2020)
Ingestion-Based PCL (Residential $^{GW}GW_{Ing}$)	0.005 mg/L
Ingestion-Based PCLE Zone (approximate)	Length: 35 ft Width: 35 ft Vertical Extent: 15ft – 30ft below ground surface (bgs)
Non-Ingestion-Based PCL ($^{Air}GW_{Inh-V}$)	24 mg/L
Non-Ingestion-Based PCLE Zone	NONE
Geochemical/ Physical Properties	
Molecular Weight	131.4 g/mol
Specific Gravity	1.46
Solubility in Water	soluble
Groundwater Migration	along groundwater gradient

COC: Cis-1,2-Dichloroethene	
Maximum Concentration from analytical data	0.33 mg/L (MW-8; June 2020)
Ingestion-Based PCL (Residential $^{GW}GW_{Ing}$)	0.07 mg/L
Ingestion-Based PCLE Zone (approximate)	Length: 35 ft Width: 35 ft Vertical Extent: 15ft – 30ft below ground surface (bgs)
Non-Ingestion-Based PCL ($^{Air}GW_{Inh-V}$)	1200 mg/L
Non-Ingestion-Based PCLE Zone	NONE
Geochemical/ Physical Properties	
Molecular Weight	96.96 g/mol
Specific Gravity	1.2837
Solubility in Water	6.41X10+3 mg/L at 25 °C
Groundwater Migration	along groundwater gradient

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/L units.
b. The critical protective concentration level without the municipal setting designation, highlighting any exceedences.

Appendix E contains tables summarizing the concentration levels for the primary chemicals of concern in soil and groundwater. The tables include the concentration level, the ingestion protective concentration limits ($^{GW}Soil_{Ing}$ for soil and $^{GW}GW_{Ing}$ for groundwater), the non-ingestion protective concentration limits for soil ($^{Tot}Soil_{Comb}$ and $^{Air}Soil_{Inh\text{-}V}$) and groundwater ($^{Air}GW_{Inh\text{-}V}$), the critical protective concentration limits assuming no MSD is in place ($^{GW}Soil_{Ing}$ for soil and $^{GW}GW_{Ing}$ for groundwater), and the critical PCLs assuming that an MSD is in place ($^{Tot}Soil_{Comb}$ for soil and $^{Air}GW_{Inh\text{-}V}$ for groundwater). The following is a list of the tables in **Appendix E**.

Table E1 RCRA Metals in Soil

Table E2 Volatile Organic Compounds (VOCs) in Soil

Table E3 RCRA Metals in Groundwater

Table E4 Volatile Organic Compounds (VOCs) in Groundwater

Table E1
Summary of Metals in Soil
1702 Nance Vacant Commercial Site
1702 Nance Street, Houston, TX 77020
VCP No. 3081

Sample ID	Depth	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Zinc
	(ft)		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Residential	$^{Tot}Soil_{Comb}$		**15**	**24**	**8100**	**38**	**52**	**33000**	**1300**	**500**	**8.3 ***	**840**	**310**	**97**	**5.3**	**9900**
|Background|			1	5.9	300	1.5		30	15	15	0.04	10	0.3		0.7	30
ONSITE SOIL BORING LOCATIONS																
SB-3	0.5-1.5	12/3/2019	**1.03**	**4.73**	**97.7**	**0.789**	<0.565	**15.7**	**23.7**	**108**	**0.0595**	**9.1**	**2.56**	<0.565	<0.565	**174**
	2-4	12/3/2019	<0.564	**2.48**	**105**	**0.928**	<0.564	**14.2**	**9.51**	**35.8**	**0.378**	**7.22**	**2.55**	<0.564	<0.564	**53.6**
	10-12	12/3/2019	<0.561	**1.23**	**12.5**	<0.561	<0.561	**4.29**	**1.37**	**3.56**	<0.00401	**2.31**	**1.06**	<0.561	<0.561	**5.9**
	30-32	12/3/2019	<0.564	**4.86**	**74.8**	**0.935**	<0.564	**22.1**	**9.06**	**7.97**	<0.00412	**20.1**	**2.23**	<0.564	<0.564	**37.4**
SB-4	0.5-1.5	12/3/2019	**2.72**	**6.24**	**354**	**0.762**	<0.558	**16.6**	**226**	**523**	**0.0221**	**15.4**	**2.19**	<0.558	<0.558	**765**
	2-4	12/3/2019	<0.563	**2.52**	**88.7**	**0.725**	<0.563	**16.1**	**20.7**	**34.6**	**0.0166**	**8.38**	**1.72**	<0.563	<0.563	**60.9**
	18-20	12/3/2019	<0.624	**0.986**	**60.4**	<0.624	<0.624	**8.06**	**3.52**	**8.35**	**0.012**	**4.07**	**1.39**	<0.624	<0.624	**12.6**
SB-5	0.5-1.5	12/3/2019	<0.561	**2.5**	**100**	<0.561	<0.561	**9.96**	**7.63**	**52.1**	**0.0285**	**6.23**	**1.86**	<0.561	<0.561	**47.1**
	1.5-3.5	12/3/2019	<0.549	**2.42**	**83.3**	**0.917**	<0.549	**17.1**	**10.7**	**26.2**	**0.00836**	**9.17**	**2.02**	<0.549	<0.549	**30.6**
	13-15	12/3/2019	<0.521	<0.521	**9.1**	<0.521	<0.521	**4.89**	**2.82**	**5.63**	<0.00409	**1.91**	**0.706**	<0.521	<0.521	**6.02**
	30-32	12/3/2019	<0.579	**5.8**	**90.8**	**0.855**	<0.579	**16**	**9.76**	**12.9**	**0.00423**	**16.3**	**3.85**	<0.579	<0.579	**31.8**
SB-8	0.5-1.5	12/3/2019	<0.517	**0.701**	**10.6**	<0.517	<0.517	**4.03**	**1.22**	**5.48**	<0.00377	**1.79**	**0.629**	<0.517	<0.517	**9.07**
	2-4	12/3/2019	<0.5	**0.75**	**9.94**	<0.5	<0.5	**5.36**	**0.952**	**3.98**	<0.00363	**1.95**	**0.962**	<0.5	<0.5	**6.18**
	18-20	12/3/2019	<0.539	**3.09**	**50.5**	<0.539	<0.539	**5.15**	**2.62**	**3.98**	<0.00406	**7.84**	**1.81**	<0.539	<0.539	**8.02**
SB-13	0.5-1.5	12/20/2019	-	-	-	-	-	-	-	**3360**	-	-	-	-	-	-
	2-4	12/20/2019	-	-	-	-	-	-	-	**1170**	-	-	-	-	-	-
	6-8	12/20/2019	-	-	-	-	-	-	-	**39.5**	-	-	-	-	-	-
SB-14	0.5-1.5	12/20/2019	-	-	-	-	-	-	-	**107**	-	-	-	-	-	-
	2-4	12/20/2019	-	-	-	-	-	-	-	**12.4**	-	-	-	-	-	-
	6-8	12/20/2019	-	-	-	-	-	-	-	**88.3**	-	-	-	-	-	-
SB-15	0.5-1.5	12/20/2019	-	-	-	-	-	-	-	**466**	-	-	-	-	-	-
	2-4	12/20/2019	-	-	-	-	-	-	-	**10.4**	-	-	-	-	-	-
	6-8	12/20/2019	-	-	-	-	-	-	-	**248**	-	-	-	-	-	-
SB-16	0.5-1.5	12/20/2019	-	-	-	-	-	-	-	**322**	-	-	-	-	-	-
	2-4	12/20/2019	-	-	-	-	-	-	-	**166**	-	-	-	-	-	-
	6-8	12/20/2019	-	-	-	-	-	-	-	**497**	-	-	-	-	-	-
SB-17	0.5-1.5	12/20/2019	-	-	-	-	-	-	-	**935**	-	-	-	-	-	-
	2-4	12/20/2019	-	-	-	-	-	-	-	**1120**	-	-	-	-	-	-
	6-8	12/20/2019	-	-	-	-	-	-	-	**1770**	-	-	-	-	-	-
SB-20	1-2	3/6/2020	-	**11.5**	**124**	-	**0.673**	**13.7**	-	**1270**	**0.416**	-	**1.89**	**0.582**	-	-
	4-5	3/6/2020	-	**1.86**	**34.3**	-	**0.0647 J**	**13.7**	-	**27.6**	**0.013**	-	**0.227 J**	**0.0557 J**	-	-
	8-10	3/6/2020	-	**3.12**	**113**	-	**1.03**	**9.79**	-	**700**	**0.342**	-	**0.228 J**	**0.392 J**	-	-
SB-21	1-2	3/6/2020	-	**11.9**	**142**	-	**0.356 J**	**14.1**	-	**562**	**0.201**	-	**1.4**	**0.225 J**	-	-
	3-4	3/6/2020	-	**2.6**	**128**	-	**0.0393 J**	**14.9**	-	**9.71**	**0.00326 J**	-	<0.102	**0.0171 J**	-	-
	8-10	3/6/2020	-	**2.28**	**80.6**	-	**0.947**	**14.7**	-	**172**	**0.313**	-	**0.312 J**	**0.198 J**	-	-

Table E1
Summary of Metals in Soil
1702 Nance Vacant Commercial Site
1702 Nance Street, Houston, TX 77020
VCP No. 3081

Sample ID	Depth	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Zinc
	(ft)		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Residential	$^{Tot}Soil_{Comb}$		**15**	**24**	**8100**	**38**	**52**	**33000**	**1300**	**500**	**8.3 ***	**840**	**310**	**97**	**5.3**	**9900**
|Background|			1	5.9	300	1.5		30	15	15	0.04	10	0.3		0.7	30
SB-22	2-3	3/6/2020	-	**31.4**	**113**	-	**21.2**	**14.4**	-	**23300**	**1.29**	-	**1.47**	**11.1**	-	-
	4-5	3/6/2020	-	**1.23**	**50.1**	-	**0.175 J**	**10.7**	-	**136**	**0.0531**	-	**0.185 J**	**0.0834 J**	-	-
	8-10	3/6/2020	-	**3.56**	**131**	-	**0.121 J**	**8.95**	-	**82.8**	**0.171**	-	**0.96**	**0.161 J**	-	-
SB-23	4-5	3/6/2020	-	**18.2**	**152**	-	**11.4**	**16.8**	-	**15900**	**0.716**	-	**0.896**	**7.2**	-	-
	6-7	3/6/2020	-	**1.23**	**43.7**	-	**0.802**	**9.61**	-	**453**	**0.0379**	-	**0.151 J**	**0.241 J**	-	-
	8-10	3/6/2020	-	**1.51**	**145**	-	**0.268 J**	**13.7**	-	**29.5**	**0.0337**	-	**0.417 J**	**0.0378 J**	-	-
SB-24	4-5	3/6/2020	-	**20.2**	**10600**	-	**13.4**	**50.9**	-	**6770**	**0.552**	-	<0.0993	**1.44**	-	-
	6-7	3/6/2020	-	**0.785**	**145**	-	<0.0293	**8.89**	-	**11.7**	**0.00839**	-	**0.146 J**	**0.0326 J**	-	-
	8-10	3/6/2020	-	**0.618**	**76.2**	-	<0.0296	**9.47**	-	**13.3**	**0.00741**	-	**0.105 J**	**0.0268 J**	-	-
SB-25	1-2	3/6/2020	-	**45.3**	**1060**	-	**15.6**	**48.1**	-	**29300**	**0.195**	-	**1.69**	**14.4**	-	-
	3-4	3/6/2020	-	**0.971**	**105**	-	**0.101 J**	**13.9**	-	**104**	**0.0103**	-	**0.267 J**	**0.0848 J**	-	-
	8-10	3/6/2020	-	**4.54**	**110**	-	**0.577**	**5.92**	-	**611**	**0.546**	-	**0.197 J**	**0.419 J**	-	-
SB-26	1-2	3/6/2020	-	**7.74**	**426**	-	**0.852**	**16.3**	-	**747**	**0.222**	-	**0.343 J**	**0.769**	-	-
	3-4	3/6/2020	-	**4.22**	**115**	-	**0.21 J**	**7.18**	-	**247**	**0.839**	-	**0.247 J**	**0.2 J**	-	-
	8-10	3/6/2020	-	**5.48**	**109**	-	**0.308 J**	**7.42**	-	**224**	**0.179**	-	**0.133 J**	**0.564**	-	-
SB-27	1-2	3/6/2020	-	**6.2**	**338**	-	**1.79**	**14.1**	-	**1430**	**0.261**	-	**0.334 J**	**1.58**	-	-
	3-4	3/6/2020	-	**4.46**	**355**	-	**2.03**	**16.4**	-	**1300**	**0.483**	-	**0.837**	**0.523 J**	-	-
	8-10	3/6/2020	-	**2.15**	**70.6**	-	**0.109 J**	**6.65**	-	**52.3**	**0.149**	-	**0.173 J**	**0.1 J**	-	-
SB-28	2-3	3/6/2020	-	**2.45**	**188**	-	**1.17**	**11.8**	-	**558**	**0.512**	-	**0.31 J**	**0.471 J**	-	-
	4-5	3/6/2020	-	**1.51**	**20**	-	**0.174 J**	**4.95**	-	**17.8**	**0.0357**	-	**0.11 J**	**0.0485 J**	-	-
	8-10	3/6/2020	-	**2.49**	**116**	-	**0.0334 J**	**13.9**	-	**12.3**	**0.00537**	-	**0.167 J**	**0.0282 J**	-	-
SB-29	3-4	3/6/2020	-	**32.5**	**128**	-	**25**	**19.8**	-	**33000**	**0.456**	-	**1.73**	**10.4**	-	-
	5-6	3/6/2020	-	**1.29**	**44.1**	-	**0.191 J**	**7.59**	-	**130**	**0.0442**	-	**0.135 J**	**0.0752 J**	-	-
	8-10	3/6/2020	-	**0.906**	**45.5**	-	<0.0309	**11.5**	-	**16.6**	**0.00642**	-	**0.186 J**	**0.0231 J**	-	-
SB-30	1-2	3/6/2020	-	**17.3**	**365**	-	**6.01**	**24.5**	-	**4000**	**0.192**	-	<0.196	**4.39**	-	-
	3-4	3/6/2020	-	**2.41**	**61.2**	-	**1.02**	**14.4**	-	**389**	**0.0326**	-	**0.291 J**	**0.276 J**	-	-
	8-10	3/6/2020	-	**2.86**	**85.3**	-	**0.785**	**9.99**	-	**612**	**0.14**	-	**0.21 J**	**0.264 J**	-	-
SB-31	3-4	3/6/2020	-	**3.54**	**167**	-	**0.49 J**	**11.3**	-	**379**	**0.0801**	-	**0.257 J**	**0.19 J**	-	-
	5-6	3/6/2020	-	**2.25**	**100**	-	**0.507 J**	**13.7**	-	**70.5**	**0.192**	-	**0.292 J**	**0.0873 J**	-	-
	8-10	3/6/2020	-	**2.72**	**144**	-	**0.214 J**	**12.8**	-	**305**	**0.528**	-	**0.258 J**	**0.352 J**	-	-
SB-32	1-2	3/6/2020	-	**24.5**	**420**	-	**21.8**	**15.6**	-	**28800**	**0.406**	-	**1.51**	**11.6**	-	-
	4-5	3/6/2020	-	**5.65**	**152**	-	**0.181 J**	**17.5**	-	**174**	**0.172**	-	**0.268 J**	**0.168 J**	-	-
	8-10	3/6/2020	-	**8.97**	**121**	-	**7.13**	**10.2**	-	**7270**	**0.0832**	-	**0.525 J**	**3.1**	-	-
SB-36	1-2	3/6/2020	-	**15.7**	**937**	-	**9.76**	**34.1**	-	**6230**	**0.787**	-	<0.533	**5.91**	-	-
SB-37	2-3	3/6/2020	-	**25.1**	**887**	-	**6.1**	**58.5**	-	**1920**	**0.709**	-	<0.198	**4.18**	-	-
SB-38	1-2	3/6/2020	-	**4.47**	**50**	-	**0.0576 J**	**11.9**	-	**61.5**	**0.0602**	-	**0.17 J**	**0.0398 J**	-	-

Table E1
Summary of Metals in Soil
1702 Nance Vacant Commercial Site
1702 Nance Street, Houston, TX 77020
VCP No. 3081

Sample ID	Depth	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Zinc
	(ft)		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Residential	$^{Tot}Soil_{Comb}$		**15**	**24**	**8100**	**38**	**52**	**33000**	**1300**	**500**	**8.3 ***	**840**	**310**	**97**	**5.3**	**9900**
|Background|			1	5.9	300	1.5		30	15	15	0.04	10	0.3		0.7	30
SB-40	3-4	3/30/2020	-	**0.705**	**8.69**	-	<0.0293	**4.02**	-	**4.83**	**0.00774**	-	**0.153 J**	**0.0384 J**	-	-
SB-41	3-4	3/30/2020	-	**2.15**	**40.8**	-	**0.059 J**	**9.75**	-	**9.58**	**0.0156**	-	**0.146 J**	**0.0347 J**	-	-
SB-42	3-4	3/30/2020	-	**1.04**	**26.3**	-	<0.0285	**6.79**	-	**5.91**	**0.00224 J**	-	**0.21 J**	**0.0227 J**	-	-
SB-43	3-4	3/30/2020	-	**1.36**	**54.3**	-	<0.0298	**12.1**	-	**6.7**	**0.00316 J**	-	**0.186 J**	**0.0261 J**	-	-
SB-44	3-4	3/30/2020	-	**0.533 J**	**54.3**	-	<0.0293	**9.21**	-	**7.67**	**0.00198 J**	-	**0.184 J**	**0.0218 J**	-	-
SB-45	3-4	3/30/2020	-	**1.4**	**82.1**	-	<0.0316	**14.6**	-	**8.31**	**0.00417**	-	**0.446 J**	**0.0204 J**	-	-
SB-46	2-3	4/28/2020	-	-	-	-	-	-	-	**1100**	-	-	-	-	-	-
	4-5	4/28/2020	-	-	-	-	-	-	-	**827**	-	-	-	-	-	-
SB-47	2-3	4/28/2020	-	-	-	-	-	-	-	**247**	-	-	-	-	-	-
SB-48	2-3	4/28/2020	-	-	-	-	-	-	-	**886**	-	-	-	-	-	-
	4-5	4/28/2020	-	-	-	-	-	-	-	**4750**	-	-	-	-	-	-
SB-49	2-3	4/28/2020	-	-	-	-	-	-	-	**277**	-	-	-	-	-	-
	4-5	4/28/2020	-	-	-	-	-	-	-	**267**	-	-	-	-	-	-
SB-51	2-3	4/28/2020	-	-	-	-	-	-	-	**139**	-	-	-	-	-	-
	4-5	4/28/2020	-	-	-	-	-	-	-	**655**	-	-	-	-	-	-
SB-57	12	2/12/2021								**6.41**						
SB-58	12	2/12/2021								**30.8**						
SB-59	12	2/12/2021								**76.4**						
SB-60	12	2/12/2021								**5.64**						
SB-61	12	2/12/2021		**1.26**												
MW-5	1-2	3/4/2020	-	**4.36**	**377**	-	**1.64**	**26.9**	-	**1170**	**5.01**	-	**0.54 J**	**0.598**	-	-
	2-3	3/4/2020	-	**1.57**	**44.5**	-	**0.0455 J**	**16.4**	-	**21.8**	**0.0331**	-	**0.227 J**	**0.0354 J**	-	-
	8-10	3/4/2020	-	**1.73**	**31.5**	-	<0.0327	**8.86**	-	**7.06**	**0.00438**	-	**0.128 J**	**0.0198 J**	-	-
MW-6	1-2	3/5/2020	-	**5.18**	**142**	-	**0.866**	**10.9**	-	**725**	**1.03**	-	**0.506 J**	**0.432 J**	-	-
	3-4	3/5/2020	-	**2.92**	**120**	-	**0.353 J**	**16.1**	-	**359**	**0.094**	-	**0.281 J**	**0.23 J**	-	-
	8-10	3/5/2020	-	**1.71**	**33.2**	-	**0.121 J**	**7.05**	-	**99.6**	**0.0477**	-	**0.161 J**	**0.0823 J**	-	-
MW-7	1-2	3/4/2020	-	**33.1**	**1960**	-	**5.94**	**56.1**	-	**3530**	**0.677**	-	**0.169 J**	**8.59**	-	-
	3-4	3/4/2020	-	**2.54**	**156**	-	**0.263 J**	**13.6**	-	**73.1**	**0.0448**	-	**0.192 J**	**0.195 J**	-	-
	8-10	3/4/2020	-	**0.501 J**	**14**	-	**0.295 J**	**5.64**	-	**8.12**	**0.00814**	-	<0.106	**0.0256 J**	-	-
MW-8	1-2	3/5/2020	-	**1.34**	**50.6**	-	<0.0297	**15.3**	-	**10.1**	**0.0144**	-	**0.203 J**	**0.0181 J**	-	-
	4-5	3/5/2020	-	**0.746**	**20.2**	-	<0.0294	**7.38**	-	**5.14**	**0.00371 J**	-	**0.14 J**	**0.0183 J**	-	-
	8-10	3/5/2020	-	**0.724**	**22.1**	-	<0.0294	**4.84**	-	**3.79**	**0.00431**	-	**0.111 J**	<0.0163	-	-

Table E1
Summary of Metals in Soil
1702 Nance Vacant Commercial Site
1702 Nance Street, Houston, TX 77020
VCP No. 3081

Sample ID	Depth	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Zinc
	(ft)		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Residential	$^{Tot}Soil_{Comb}$		**15**	**24**	**8100**	**38**	**52**	**33000**	**1300**	**500**	**8.3 ***	**840**	**310**	**97**	**5.3**	**9900**
|Background|			1	5.9	300	1.5		30	15	15	0.04	10	0.3		0.7	30
OFFSITE SOIL BORING LOCATIONS																
SB-1	0.5-1.5	12/3/2019	<0.578	**1.42**	**67.2**	<0.578	<0.578	**16.4**	**6.75**	**12**	**0.00524**	**6.27**	**1.66**	<0.578	<0.578	**22.2**
	2-4	12/3/2019	<0.543	**1.97**	**56.2**	**0.695**	<0.543	**12.9**	**4.44**	**7.11**	<0.00413	**6.08**	**1.71**	<0.543	<0.543	**15.5**
	12-14	12/3/2019	<0.536	**0.737**	**61.7**	<0.536	<0.536	**9.15**	**1.98**	**4.52**	<0.00401	**4.12**	**1.39**	<0.536	<0.536	**8.47**
	30-32	12/3/2019	<0.569	**10.6**	**141**	**1.29**	<0.569	**24.9**	**13.1**	**12**	<0.00413	**24.4**	**2.73**	<0.569	<0.569	**44.4**
SB-2	0.5-1.5	12/3/2019	<0.517	**1.08**	**72.7**	<0.517	<0.517	**9.09**	**2.62**	**6.39**	**0.00929**	**3.91**	**1.16**	<0.517	<0.517	**13.1**
	2-4	12/3/2019	<0.549	**2.7**	**35.3**	<0.549	<0.549	**7.59**	**9.13**	**37**	**0.0148**	**6.41**	**1.42**	<0.549	<0.549	**46.6**
	11-13	12/3/2019	<0.532	**1.99**	**13.1**	<0.532	<0.532	**2.99**	**1.97**	**4.44**	<0.00389	**1.87**	**1.31**	<0.532	<0.532	**4.31**
	30-32	12/3/2019	<0.518	**12.3**	**109**	<0.518	<0.518	**6.15**	**3.06**	**2.84**	<0.00405	**5.49**	**0.863**	<0.518	<0.518	**7.83**
SB-6	0.5-1.5	12/3/2019	<0.594	**2.13**	**40.2**	<0.594	<0.594	**15.4**	**5.4**	**9.58**	**0.00828**	**4.31**	**1.32**	<0.594	<0.594	**14.6**
	2-4	12/3/2019	<0.558	**2**	**103**	**1.03**	<0.558	**17.2**	**7.86**	**15**	**0.00488**	**6.65**	**2.55**	<0.558	<0.558	**22.4**
	18-20	12/3/2019	<0.554	**2.29**	**132**	**1**	<0.554	**10.9**	**5.02**	**20.4**	<0.00427	**15.3**	**3.05**	<0.554	<0.554	**16.3**
SB-7	0.5-1.5	12/3/2019	<0.539	**1.34**	**87.9**	<0.539	<0.539	**12.9**	**5.67**	**20.3**	**0.0311**	**4.86**	**1.64**	<0.539	<0.539	**27.6**
	2-4	12/3/2019	<0.551	**1.75**	**88.5**	<0.551	<0.551	**12.9**	**4.62**	**12.7**	**0.0115**	**5.05**	**2.01**	<0.551	<0.551	**20.6**
	18-20	12/3/2019	<0.538	**5.57**	**43**	**1.22**	<0.538	**8.28**	**4.57**	**7.86**	<0.00399	**16.5**	**18.3**	<0.538	<0.538	**14.2**
SB-9	0.5-1.5	12/3/2019	<0.514	**1.35**	**36.3**	<0.514	<0.514	**4.28**	**6**	**183**	**0.1**	**2.41**	**0.812**	<0.514	<0.514	**37**
	2-4	12/3/2019	<0.554	**1.25**	**150**	<0.554	<0.554	**9.58**	**2.82**	**7.44**	**0.00429**	**5.06**	**1.71**	<0.554	<0.554	**12**
	14-16	12/3/2019	<0.561	<0.561	**9.09**	<0.561	<0.561	**3.34**	**1.26**	**2.36**	<0.00416	**3.68**	**0.897**	<0.561	<0.561	**4.84**
SB-10	0.5-1.5	12/3/2019	<0.544	**4.39**	**83.2**	<0.544	<0.544	**9.99**	**35.4**	**58.2**	**0.265**	**6.56**	**1.53**	<0.544	<0.544	**60.7**
	4-6	12/3/2019	<0.539	**5.13**	**113**	<0.539	**0.846**	**11.5**	**28.6**	**101**	**0.108**	**6.55**	**1.33**	<0.539	<0.539	**230**
	16	12/3/2019	<0.543	<0.543	**9.44**	<0.543	<0.543	**3.01**	**1.03**	**2.69**	<0.00414	**1.18**	**0.634**	<0.543	<0.543	**3.68**
SB-33	1-2	3/6/2020	-	**1.14**	**32.9**	-	**0.35 J**	**2.13**	-	**52.8**	**0.0828**	-	<0.0936	**0.12 J**	-	-
	3-4	3/6/2020	-	**1.7**	**37.5**	-	**0.0391 J**	**10.7**	-	**9.92**	**0.0207**	-	**0.158 J**	**0.027 J**	-	-
	8-10	3/6/2020	-	**0.87**	**19.8**	-	<0.0291	**4.87**	-	**4.68**	**0.00533**	-	**0.124 J**	<0.0161	-	-
SB-34	1-2	3/6/2020	-	**0.939**	**47.1**	-	**0.121 J**	**4.24**	-	**121**	**0.0903**	-	**0.138 J**	**0.192 J**	-	-
	3-4	3/6/2020	-	**1.2**	**25**	-	<0.0295	**13.5**	-	**9.21**	**0.00387 J**	-	**0.336 J**	<0.0164	-	-
	8-10	3/6/2020	-	**0.548 J**	**19**	-	<0.0301	**8.99**	-	**6.36**	**0.00178 J**	-	**0.115 J**	<0.0167	-	-
SB-35	1-2	3/6/2020	-	**2.03**	**122**	-	**0.358 J**	**5.29**	-	**349**	**0.894**	-	<0.0951	**0.197 J**	-	-
	3-4	3/6/2020	-	**1.25**	**34**	-	<0.0299	**13**	-	**8.86**	**0.00406**	-	**0.239 J**	<0.0166	-	-
	8-10	3/6/2020	-	**0.307 J**	**13**	-	<0.0284	**7.67**	-	**3.39**	**0.00327 J**	-	<0.0956	<0.0158	-	-
SB-39	1-2	3/6/2020	-	**4.7**	**70.4**	-	**0.41 J**	**5.58**	-	**282**	**0.205**	-	**0.113 J**	**0.109 J**	-	-
MW-9	1-2	3/4/2020	-	**18.9**	**768**	-	**3.39**	**38.6**	-	**3720**	**0.598**	-	**0.199 J**	**3.79**	-	-
	4-5	3/4/2020	-	**2.1**	**104**	-	**0.0773 J**	**10.5**	-	**70.2**	**0.192**	-	**0.258 J**	**0.0986 J**	-	-
	8-10	3/4/2020	-	**1.9**	**83.6**	-	**0.219 J**	**7.09**	-	**146**	**0.446**	-	**0.268 J**	**0.148 J**	-	-

Table E1
Summary of Metals in Soil
1702 Nance Vacant Commercial Site
1702 Nance Street, Houston, TX 77020
VCP No. 3081

Sample ID	Depth	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Zinc
	(ft)		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Residential	$^{Tot}Soil_{Comb}$		**15**	**24**	**8100**	**38**	**52**	**33000**	**1300**	**500**	**8.3 ***	**840**	**310**	**97**	**5.3**	**9900**
	|Background|		1	5.9	300	1.5		30	15	15	0.04	10	0.3		0.7	30
MW-10	3-4	3/30/2020	-	**1.88**	**71.6**	-	<0.0295	**14.4**	-	**7.44**	**0.0082**	-	**0.457 J**	**0.0413 J**	-	-
	8-10	3/30/2020	-	**0.681**	**21.3**	-	<0.0306	**3.6**	-	**4.49**	**0.00303 J**	-	<0.103	**0.0305 J**	-	-
MW-11	4-5	3/30/2020	-	**20.4**	**238**	-	**1.49**	**24.7**	-	**826**	**0.271**	-	**0.415 J**	**0.53**	-	-
	10-11	3/30/2020	-	**1.56**	**32.4**	-	<0.0303	**5.06**	-	**26.6**	**0.0395**	-	**0.153 J**	**0.049 J**	-	-
	14-15	3/30/2020	-	**0.621**	**33.4**	-	<0.0297	**12.5**	-	**11.1**	**0.00408 J**	-	**0.157 J**	**0.0219 J**	-	-

Notes: Exceeds $^{Tot}Soil_{Comb}$

<: Analyte was not detected at or above the reported sample detection limit

J: Analyte was detected at the concentration less than the method detection limit

* Sample SB-13 (0.5-1.5) was analyzed for pH. This sample reported a pH of 9.81. The Total Soil Combined PCL for mercury was elevated from 3.6 mg/kg to 8.3 mg/kg.

Table E2
Summary of Volatile Organic Compounds in Soil
1702 Nance Vacant Commercial Site
1702 Nance Street, Houston, TX 77020
VCP No. 3081

Sample ID	Depth	Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethene	Acetone	Benzene	Carbon disulfide	Methyl acetate	Naphthalene	Toluene
	(ft)		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Residential	$^{Tot}Soil_{Comb}$		710	18	140	590	3.7	2300	66000	120	4600	82000	220	5900
Residential	$^{GW}Soil_{Ing}$		**0.05**	**0.034**	**0.25**	**0.49**	**0.022**	**0.05**	**43**	**0.026**	**14**	**49**	**31**	**8.2**
ONSITE BORING LOCATIONS														
SB-3	0.5-1.5	12/3/2019	**0.022**	<0.0051	<0.0051	<0.0051	<0.0021	<0.0051	<0.021	<0.0051	<0.01	<0.0051	-	<0.0051
	2-4	12/3/2019	**0.025**	<0.0048	<0.0048	<0.0048	<0.0019	<0.0048	<0.019	<0.0048	<0.0097	<0.0048	-	<0.0048
	10-12	12/3/2019	<0.0046	<0.0046	<0.0046	<0.0046	<0.0018	<0.0046	<0.018	<0.0046	<0.0092	<0.0046	-	<0.0046
	30-32	12/3/2019	<0.0046	<0.0046	<0.0046	<0.0046	<0.0018	<0.0046	<0.018	<0.0046	<0.0092	<0.0046	-	<0.0046
SB-4	0.5-1.5	12/3/2019	<0.0051	<0.0051	<0.0051	<0.0051	<0.002	<0.0051	<0.02	<0.0051	<0.01	<0.0051	-	<0.0051
	2-4	12/3/2019	<0.0052	<0.0052	<0.0052	<0.0052	<0.0021	<0.0052	<0.021	<0.0052	<0.01	<0.0052	-	<0.0052
	18-20	12/3/2019	<0.0055	<0.0055	<0.0055	<0.0055	<0.0022	<0.0055	<0.022	<0.0055	<0.011	<0.0055	-	<0.0055
SB-5	0.5-1.5	12/3/2019	<0.0046	<0.0046	<0.0046	<0.0046	<0.0019	<0.0046	<0.019	<0.0046	<0.0093	<0.0046	-	<0.0046
	1.5-3.5	12/3/2019	<0.0051	<0.0051	<0.0051	<0.0051	<0.002	<0.0051	<0.02	<0.0051	<0.01	<0.0051	-	<0.0051
	13-15	12/3/2019	<0.0044	<0.0044	<0.0044	<0.0044	<0.0018	<0.0044	<0.018	<0.0044	<0.0088	<0.0044	-	<0.0044
	30-32	12/3/2019	<0.0044	<0.0044	<0.0044	<0.0044	<0.0018	<0.0044	<0.018	<0.0044	<0.0089	<0.0044	-	<0.0044
SB-8	0.5-1.5	12/3/2019	<0.0043	<0.0043	<0.0043	<0.0043	<0.0017	<0.0043	<0.017	<0.0043	<0.0085	<0.0043	-	<0.0043
	2-4	12/3/2019	<0.0042	<0.0042	<0.0042	<0.0042	<0.0017	<0.0042	<0.017	<0.0042	<0.0085	<0.0042	-	<0.0042
	18-20	12/3/2019	<0.0046	<0.0046	<0.0046	<0.0046	<0.0018	<0.0046	<0.018	<0.0046	<0.0091	<0.0046	-	<0.0046
SB-11	0.5-1.5	12/20/2019	<0.0044	<0.0044	<0.0044	<0.0044	<0.0018	<0.0044	<0.018	<0.0044	<0.0089	<0.0044	-	<0.0044
	2-4	12/20/2019	**0.0056**	<0.0044	<0.0044	<0.0044	<0.0017	<0.0044	<0.017	<0.0044	<0.0087	<0.0044	-	<0.0044
	12-14	12/20/2019	**0.017**	<0.0055	<0.0055	<0.0055	<0.0022	<0.0055	<0.022	<0.0055	<0.011	<0.0055	-	<0.0055
	30-32	12/20/2019	<0.0045	<0.0045	<0.0045	<0.0045	<0.0018	<0.0045	<0.018	<0.0045	<0.0091	<0.0045	-	<0.0045
MW-5	1-2	3/4/2020	<0.00068	<0.00058	<0.00077	<0.00048	<0.00077	<0.00048	<0.0019	<0.00048	<0.00058	NAF	**0.13**	<0.00058
	2-3	3/4/2020	<0.00066	<0.00056	<0.00075	<0.00047	<0.00075	<0.00047	<0.0019	<0.00047	<0.00056	NAF	<0.00075	<0.00056
	8-10	3/4/2020	<0.00072	<0.00062	<0.00082	<0.00051	<0.00082	<0.00051	<0.002	<0.00051	<0.00062	NAF	<0.00082	<0.00062
MW-6	1-2	3/5/2020	<0.00094	<0.0008	<0.0011	<0.00067	<0.0011	<0.00067	<0.0027	<0.00067	<0.0008	NAF	<0.0011	<0.0008
	3-4	3/5/2020	**0.0012 J**	<0.00064	<0.00085	<0.00053	<0.00085	<0.00053	<0.0021	<0.00053	<0.00064	NAF	<0.00085	<0.00064
	8-10	3/5/2020	<0.00065	<0.00056	<0.00074	<0.00046	<0.00074	<0.00046	<0.0019	<0.00046	<0.00056	NAF	<0.00074	**0.0016 J**
MW-7	1-2	3/4/2020	**0.19**	<0.00085	<0.0011	<0.00071	<0.0011	<0.00071	<0.0028	**0.0022 J**	<0.00085	NAF	<0.0011	**0.0019 J**
	3-4	3/4/2020	**0.0053**	<0.0006	<0.0008	<0.0005	<0.0008	<0.0005	<0.002	<0.0005	<0.0006	NAF	<0.0008	<0.0006
	8-10	3/4/2020	**0.0013 J**	<0.00063	<0.00083	<0.00052	<0.00083	<0.00052	<0.0021	<0.00052	<0.00063	NAF	<0.00083	<0.00063
MW-8	1-2	3/5/2020	**0.021**	**0.0018 J**	**0.0013 J**	<0.00048	<0.00076	<0.00048	<0.0019	<0.00048	<0.00057	NAF	<0.00076	<0.00057
	4-5	3/5/2020	**0.0022 J**	<0.00056	<0.00074	<0.00046	<0.00074	<0.00046	<0.0019	<0.00046	<0.00056	NAF	<0.00074	<0.00056
	8-10	3/5/2020	<0.0007	<0.0006	**0.0015 J**	<0.0005	<0.0008	<0.0005	<0.002	<0.0005	<0.0006	NAF	<0.0008	<0.0006

Table E2
Summary of Volatile Organic Compounds in Soil
1702 Nance Vacant Commercial Site
1702 Nance Street, Houston, TX 77020
VCP No. 3081

Sample ID	Depth	Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethene	Acetone	Benzene	Carbon disulfide	Methyl acetate	Naphthalene	Toluene
	(ft)		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Residential	$^{Tot}Soil_{Comb}$		710	18	140	590	3.7	2300	66000	120	4600	82000	220	5900
Residential	$^{GW}Soil_{Ing}$		**0.05**	**0.034**	**0.25**	**0.49**	**0.022**	**0.05**	**43**	**0.026**	**14**	**49**	**31**	**8.2**
OFFSITE BORING LOCATIONS														
SB-1	0.5-1.5	12/3/2019	<0.0047	<0.0047	<0.0047	<0.0047	<0.0019	<0.0047	<0.019	<0.0047	<0.0093	<0.0047	-	<0.0047
	2-4	12/3/2019	<0.0047	<0.0047	<0.0047	<0.0047	<0.0019	<0.0047	<0.019	<0.0047	<0.0093	<0.0047	-	<0.0047
	12-14	12/3/2019	<0.0049	<0.0049	<0.0049	<0.0049	<0.002	<0.0049	<0.02	<0.0049	<0.0099	<0.0049	-	<0.0049
	30-32	12/3/2019	<0.0045	<0.0045	<0.0045	<0.0045	<0.0018	<0.0045	<0.018	<0.0045	<0.0089	<0.0045	-	<0.0045
SB-2	0.5-1.5	12/3/2019	<0.0048	<0.0048	<0.0048	<0.0048	<0.0019	<0.0048	<0.019	<0.0048	<0.0096	**0.0067**	-	<0.0048
	2-4	12/3/2019	<0.0045	<0.0045	<0.0045	<0.0045	<0.0018	<0.0045	<0.018	<0.0045	<0.009	<0.0045	-	<0.0045
	11-13	12/3/2019	<0.0053	<0.0053	<0.0053	<0.0053	<0.0021	<0.0053	<0.021	<0.0053	<0.011	<0.0053	-	<0.0053
	30-32	12/3/2019	<0.0043	<0.0043	<0.0043	<0.0043	<0.0017	<0.0043	<0.017	<0.0043	<0.0087	<0.0043	-	<0.0043
SB-6	0.5-1.5	12/3/2019	<0.0046	<0.0046	<0.0046	<0.0046	<0.0018	<0.0046	**0.032**	<0.0046	<0.0091	<0.0046	-	<0.0046
	2-4	12/3/2019	<0.0044	<0.0044	<0.0044	<0.0044	<0.0018	<0.0044	**0.047**	<0.0044	<0.0088	<0.0044	-	<0.0044
	18-20	12/3/2019	<0.0049	<0.0049	<0.0049	<0.0049	<0.002	<0.0049	<0.02	<0.0049	<0.0098	<0.0049	-	<0.0049
SB-7	0.5-1.5	12/3/2019	<0.0045	<0.0045	<0.0045	<0.0045	<0.0018	<0.0045	<0.018	<0.0045	<0.009	<0.0045	-	<0.0045
	2-4	12/3/2019	<0.0046	<0.0046	<0.0046	<0.0046	<0.0018	<0.0046	<0.018	<0.0046	<0.0091	<0.0046	-	<0.0046
	18-20	12/3/2019	<0.0045	<0.0045	<0.0045	<0.0045	<0.0018	<0.0045	<0.018	<0.0045	<0.0089	<0.0045	-	<0.0045
SB-9	0.5-1.5	12/3/2019	**0.009**	<0.0048	<0.0048	<0.0048	<0.0019	<0.0048	<0.019	<0.0048	<0.0097	<0.0048	-	<0.0048
	2-4	12/3/2019	**0.0065**	<0.0046	<0.0046	<0.0046	<0.0018	<0.0046	<0.018	<0.0046	<0.0091	<0.0046	-	<0.0046
	14-16	12/3/2019	<0.005	<0.005	<0.005	<0.005	<0.002	<0.005	<0.02	<0.005	<0.01	<0.005	-	<0.005
SB-10	0.5-1.5	12/3/2019	**0.13**	<0.0047	<0.0047	<0.0047	<0.0019	<0.0047	<0.019	<0.0047	<0.0094	<0.0047	-	<0.0047
	4-6	12/3/2019	**0.19**	<0.0048	<0.0048	<0.0048	<0.0019	<0.0048	<0.019	<0.0048	<0.0097	<0.0048	-	<0.0048
	14-16	12/3/2019	**0.015**	<0.0043	<0.0043	<0.0043	<0.0017	<0.0043	<0.017	<0.0043	<0.0086	<0.0043	-	<0.0043
SB-12	0.5-1.5	12/20/2019	**0.047**	<0.0053	<0.0053	<0.0053	<0.0021	<0.0053	<0.021	<0.0053	<0.011	<0.0053	-	<0.0053
	2-4	12/20/2019	**0.033**	<0.0046	<0.0046	<0.0046	<0.0018	<0.0046	<0.018	<0.0046	<0.0092	<0.0046	-	<0.0046
	12-14	12/20/2019	<0.0054	<0.0054	<0.0054	<0.0054	<0.0021	<0.0054	<0.021	<0.0054	<0.011	<0.0054	-	<0.0054
	30-32	12/20/2019	<0.0044	<0.0044	<0.0044	<0.0044	<0.0017	<0.0044	<0.017	<0.0044	<0.0087	<0.0044	-	<0.0044
SB-52	5	2/12/2021	<0.0008	<0.00069	<0.00092	<0.00057	<0.00092	<0.00057	NAF	NAF	NAF	NAF	NAF	NAF
SB-53	5	2/12/2021	<0.00065	<0.00056	<0.00075	<0.00047	<0.00075	<0.00047	NAF	NAF	NAF	NAF	NAF	NAF
SB-54	5	2/12/2021	**0.075**	**0.0014 J**	<0.00076	<0.00047	<0.00076	<0.00047	NAF	NAF	NAF	NAF	NAF	NAF
SB-55	5	2/12/2021	<0.0007	<0.0006	<0.0008	<0.0005	<0.0008	<0.0005	NAF	NAF	NAF	NAF	NAF	NAF
SB-56	5	2/12/2021	**0.0054 J**	<0.00066	<0.00087	<0.00055	<0.00087	<0.00055	NAF	NAF	NAF	NAF	NAF	NAF

Table E2
Summary of Volatile Organic Compounds in Soil
1702 Nance Vacant Commercial Site
1702 Nance Street, Houston, TX 77020
VCP No. 3081

Sample ID	Depth	Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethene	Acetone	Benzene	Carbon disulfide	Methyl acetate	Naphthalene	Toluene
	(ft)		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Residential	$^{Tot}Soil_{Comb}$		710	18	140	590	3.7	2300	66000	120	4600	82000	220	5900
Residential	$^{GW}Soil_{Ing}$		**0.05**	**0.034**	**0.25**	**0.49**	**0.022**	**0.05**	**43**	**0.026**	**14**	**49**	**31**	**8.2**
MW-9	1-2	3/4/2020	**0.12**	**0.0024 J**	<0.00079	<0.0005	<0.00079	<0.0005	<0.002	<0.0005	<0.0006	NAF	<0.00079	<0.0006
	4-5	3/4/2020	**0.029**	<0.00058	<0.00077	<0.00048	<0.00077	<0.00048	<0.0019	<0.00048	<0.00058	NAF	<0.00077	<0.00058
	8-10	3/4/2020	**0.042**	**0.0057 J**	**0.0015 J**	<0.00064	<0.001	<0.00064	<0.0025	<0.00064	<0.00076	NAF	<0.001	<0.00076
MW-10	3-4	3/30/2020	<0.00073	<0.00063	<0.00084	<0.00052	<0.00084	<0.00052	<0.0021	<0.00052	<0.00063	NAF	<0.00084	<0.00063
	8-10	3/30/2020	<0.00068	<0.00059	<0.00078	<0.00049	<0.00078	<0.00049	<0.002	<0.00049	<0.00059	NAF	<0.00078	<0.00059
MW-11	4-5	3/30/2020	**0.012**	<0.00071	<0.00094	<0.00059	<0.00094	<0.00059	<0.0024	**0.0012 J**	**0.012**	NAF	**0.19**	<0.00071
	10-11	3/30/2020	<0.00073	<0.00062	<0.00083	<0.00052	<0.00083	<0.00052	<0.0021	<0.00052	<0.00062	NAF	<0.00083	<0.00062
	14-15	3/30/2020	<0.00063	<0.00054	<0.00072	<0.00045	<0.00072	<0.00045	<0.0018	<0.00045	<0.00054	NAF	<0.00072	<0.00054

Notes: Exceeds $^{GW}Soil_{Ing}$
<: Analyte was not detected at or above the reported sample detection limit
J: Analyte was detected at the concentration less than the method detection limit
NAF: Not Analyzed For

Table E3
Summary of Metals in Groundwater
1702 Nance Vacant Commercial Site
1702 Nance Street, Houston, TX 77020
VCP No. 3081

Sample ID	Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Residential	$^{GW}GW_{Ing}$	**0.01**	**2**	**0.005**	**0.1**	**0.015**	**0.002**	**0.05**	**0.12**
Residential	$^{Air}GW_{Inh-V}$						7.3		
MW-5	3/9/2020	**0.00247**	**0.192**	<0.0002	<0.0004	<0.0006	<0.00003	<0.0011	<0.0002
	6/29/2020	**0.00201**	**0.176**	<0.0002	<0.0004	<0.0006	<0.00003	**0.0101**	<0.0002
	9/21/2020	**0.00174 J**	**0.174**	<0.0002	<0.0004	<0.0006	<0.00003	**0.0184**	<0.0002
	12/11/2020	**0.00191 J**	**0.164**	<0.0002	<0.0004	**0.000714 J**	**0.000764**	**0.0303**	**0.000209 J**
	3/9/2021	**0.00146 J**	**0.17**	<0.0002	<0.0004	<0.0006	**0.000093 J**	**0.028**	<0.0002
MW-6	3/9/2020	**0.00101 J**	**0.296**	<0.0002	<0.0004	<0.0006	**0.00007 J**	**0.00615**	<0.0002
	6/24/2020	**0.0139**	**0.638**	<0.0002	<0.0004	<0.0006	<0.00003	**0.0018 J**	<0.0002
	9/18/2020	**0.0032**	**0.336**	<0.0002	<0.0004	<0.0006	<0.00003	**0.00212**	<0.0002
	12/11/2020	**0.00533**	**0.362**	<0.0002	<0.0004	<0.0006	**0.000037 J**	**0.00409**	<0.0002
	3/4/2021	**0.00359**	**0.253**	<0.0002	<0.0004	<0.0006	<0.00003	**0.00354**	<0.0002
MW-7	3/9/2020	**0.000591 J**	**0.195**	**0.000365 J**	**0.00069 J**	**0.00126 J**	**0.000112 J**	**0.00388**	<0.0002
	6/29/2020	**0.00263**	**0.31**	**0.000356 J**	**0.0067**	**0.054**	<0.00003	**0.0052**	<0.0002
	9/15/2020	-	-	-	-	**0.00195 J**	-	-	-
	9/18/2020	**0.000677 J**	**0.246**	<0.0002	**0.000417 J**	**0.00352**	<0.00003	**0.00363**	<0.0002
	12/11/2020	**0.00354**	**0.35**	**0.000294 J**	**0.00304 J**	**0.0281**	**0.000075 J**	**0.00542**	<0.0002
MW-7R	3/4/2021	**0.00082 J**	**0.183**	<0.0002	<0.0004	<0.0006	<0.00003	**0.00706**	<0.0002
MW-8	3/9/2020	**0.008**	**0.336**	**0.000281 J**	**0.0197**	**0.0372**	**0.000119 J**	**0.0137**	<0.0002
	3/30/2020	**0.000438 J**	**0.132**	<0.0002	<0.0004	<0.0006	<0.00003	**0.00752**	<0.0002
	6/24/2020	**0.000678 J**	**0.181**	<0.0002	<0.0004	<0.0006	<0.00003	**0.0227**	<0.0002
	9/18/2020	<0.0004	**0.133**	<0.0002	<0.0004	<0.0006	<0.00003	**0.0132**	<0.0002
	12/11/2020	**0.000553 J**	**0.159**	<0.0002	<0.0004	<0.0006	**0.000196 J**	**0.00603**	<0.0002
	3/4/2021	**0.000474 J**	**0.153**	<0.0002	<0.0004	<0.0006	**0.000118 J**	**0.00956**	<0.0002
	3/4/2021	**0.000453 J**	**0.138**	<0.0002	<0.0004	<0.0006	**0.000093 J**	**0.00924**	<0.0002
MW-9	3/9/2020	<0.0004	**0.165**	<0.0002	<0.0004	<0.0006	<0.00003	**0.00336**	<0.0002
	6/24/2020	**0.00042 J**	**0.218**	<0.0002	**0.00148 J**	<0.0006	<0.00003	<0.0011	<0.0002
	9/18/2020	**0.000549 J**	**0.19**	<0.0002	**0.00646**	<0.0006	<0.00003	**0.00126 J**	<0.0002
	12/11/2020	**0.000516 J**	**0.244**	<0.0002	<0.0004	<0.0006	**0.000483**	**0.00214**	<0.0002
	3/4/2021	**0.000422 J**	**0.221**	<0.0002	<0.0004	<0.0006	<0.00003	**0.00215**	<0.0002
MW-10	3/31/2020	**0.000444 J**	**0.114**	<0.0002	<0.0004	**0.000869 J**	<0.00003	<0.0011	<0.0002
	6/24/2020	**0.000823 J**	**0.19**	<0.0002	**0.000409 J**	<0.0006	<0.00003	<0.0011	<0.0002
	9/18/2020	**0.000589 J**	**0.126**	<0.0002	<0.0004	<0.0006	<0.00003	<0.0011	<0.0002
	12/11/2020	**0.000509 J**	**0.162**	<0.0002	<0.0004	<0.0006	<0.00003	<0.0011	<0.0002
	3/4/2021	<0.0004	**0.124**	<0.0002	<0.0004	**0.0115**	<0.00003	**0.00187 J**	<0.0002
MW-11	3/31/2020	**0.00138 J**	**0.211**	<0.0002	**0.000871 J**	**0.00208**	<0.00003	<0.0011	<0.0002
	6/24/2020	**0.00284**	**0.237**	<0.0002	**0.000557 J**	**0.000609 J**	<0.00003	<0.0011	<0.0002
	9/18/2020	**0.00219**	**0.162**	<0.0002	<0.0004	<0.0006	<0.00003	<0.0011	<0.0002
	12/11/2020	**0.00154 J**	**0.204**	<0.0002	**0.00124 J**	**0.00519**	**0.000033 J**	<0.0011	<0.0002
	3/4/2021	**0.00153 J**	**0.225**	<0.0002	<0.0004	<0.0006	<0.00003	**0.0018 J**	<0.0002

Table E3
Summary of Metals in Groundwater
1702 Nance Vacant Commercial Site
1702 Nance Street, Houston, TX 77020
VCP No. 3081

Sample ID	Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Residential	$^{GW}GW_{Ing}$	**0.01**	**2**	**0.005**	**0.1**	**0.015**	**0.002**	**0.05**	**0.12**
Residential	$^{Air}GW_{Inh-V}$						7.3		
MW-12	8/21/2020	**0.00081 J**	**0.118**	<0.0002	**0.0259**	<0.0006	**0.000039 J**	<0.0011	<0.0002
	9/18/2020	**0.000745 J**	**0.122**	<0.0002	<0.0004	<0.0006	<0.00003	<0.0011	<0.0002
	12/11/2020	**0.000857 J**	**0.109**	**0.000223 J**	<0.0004	<0.0006	<0.00003	<0.0011	<0.0002
	3/4/2021	**0.000647 J**	**0.118**	<0.0002	<0.0004	<0.0006	<0.00003	<0.0011	<0.0002
MW-13	3/4/2021	**0.000996 J**	**0.221**	<0.0002	<0.0004	<0.0006	<0.00003	<0.0011	<0.0002

Notes: Exceeds $^{GW}GW_{Ing}$

<: Analyte was not detected at or above the reported sample detection limit

J: Analyte was detected at the concentration less than the method detection limit

Table E4
Summary of Volatile Organic Compounds in Groundwater
1702 Nance Vacant Commercial Site
1702 Nance Street, Houston, TX 77020
VCP No. 3081

Sample ID	Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethene	1,1-Dichloroethane
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Residential	$^{GW}GW_{Ing}$	**0.005**	**0.005**	**0.07**	**0.1**	**0.002**	**0.007**	**4.9**
Residential	$^{Air}GW_{Inh-V}$	500	24	1200	770	3.8	1700	43000
MW-5	3/9/2020	**0.00081 J**	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
	6/29/2020	**0.00063 J**	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	9/21/2020	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
	12/11/2020	**0.00063 J**	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
	3/9/2021	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
MW-6	3/9/2020	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
	6/24/2020	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
	9/18/2020	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
	12/11/2020	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
	3/4/2021	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
MW-7	3/9/2020	**0.0098**	**0.0019 J**	**0.0026 J**	<0.0004	<0.0004	<0.0005	<0.0004
	6/29/2020	**0.013**	**0.0014**	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	9/18/2020	**0.01**	**0.0011 J**	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
	12/11/2020	**0.0071**	**0.001 J**	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
MW-7R	3/4/2021	**0.0089**	**0.0014 J**	**0.0015 J**	<0.0004	<0.0004	<0.0005	<0.0004
MW-8	3/9/2020	**0.066**	**0.0082**	**0.11**	**0.00083 J**	<0.0004	<0.0005	**0.00043 J**
	6/24/2020	**0.15**	**0.022**	**0.33**	**0.0023 J**	<0.0004	<0.0005	**0.0015 J**
	9/18/2020	**0.13**	**0.018**	**0.25**	**0.0015 J**	<0.0004	<0.0005	**0.00094 J**
	12/11/2020	**0.038**	**0.0034 J**	**0.037**	<0.0004	<0.0004	<0.0005	<0.0004
	3/4/2021	**0.051**	**0.0063**	**0.082**	**0.00047 J**	<0.0004	<0.0005	<0.0004
	3/4/2021	**0.05**	**0.0066**	**0.08**	**0.00072 J**	<0.0004	<0.0005	<0.0004
MW-9	3/9/2020	**0.0037 J**	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
	6/24/2020	**0.011**	**0.00081 J**	**0.00064 J**	<0.0004	<0.0004	<0.0005	<0.0004
	9/18/2020	**0.0087**	**0.00066 J**	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
	12/11/2020	**0.0049 J**	**0.00063 J**	**0.0009 J**	<0.0004	<0.0004	<0.0005	<0.0004
	3/4/2021	**0.0023 J**	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
MW-10	3/31/2020	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
	6/24/2020	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
	9/18/2020	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
	12/11/2020	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
	3/4/2021	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004

Table E4
Summary of Volatile Organic Compounds in Groundwater
1702 Nance Vacant Commercial Site
1702 Nance Street, Houston, TX 77020
VCP No. 3081

Sample ID	Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethene	1,1-Dichloroethane
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Residential	$^{GW}GW_{Ing}$	**0.005**	**0.005**	**0.07**	**0.1**	**0.002**	**0.007**	**4.9**
Residential	$^{Air}GW_{Inh-V}$	500	24	1200	770	3.8	1700	43000
MW-11	3/31/2020	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
	6/24/2020	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
	9/18/2020	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
	12/11/2020	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
	3/4/2021	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
MW-12	8/21/2020	<0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	9/18/2020	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
	12/11/2020	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
	3/4/2021	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004
MW-13	3/4/2021	<0.0006	<0.0005	<0.0006	<0.0004	<0.0004	<0.0005	<0.0004

Notes: Exceeds $^{GW}GW_{Ing}$

<: Analyte was not detected at or above the reported sample detection limit

J: Analyte was detected at the concentration less than the method detection limit

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 the 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 March 2021, the area of affected groundwater extends off-site to the south and east. Notification letters were sent to the following property owners informing them of the potential impact to their property. The property owners are identified on **Figure F**.

Property ID	Property owner name	Physical property address, city, zip	Property owner mailing address, city, state, zip
1	City of Houston	Right-of Way	611 Walker St., Houston, TX 77002
2	Texas Dept of Transportation	Right-of Way	7600 Washington Ave., Houston, TX 77007

LEGEND

Property Boundary

1: City of Houston
2: TxDOT

N

0 70 140

Approximate Scale (feet)

InControl Technologies
14731 Pebble Bend Drive
Houston, Texas 77068
(281) 580-8892 FAX (281) 580-8853

Notification Map

CLIENT: Urban Genesis			PM: LMG
LOCATION: 1702 Nance Street Houston, Texas 77020			CHECKED: MFM
DETAILED: 3/21/2021	DESIGNED: LMG	PROJECT NO: E20011-101	FIGURE: F

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.

The subject property is located within the area of the Hardy Street Railyards and historical commercial industrial operations. Historically, the subject property was residential from at least 1890 through the 1960s. It was developed into a commercial business in the 1970s to support sales and distribution of oilfield equipment. The property was most recently occupied by Advanced Control Systems, LLC. This company provided a wide range of electrical and energy equipment for applications and operations in the drilling, marine, and industrial markets. Prior to that, the facility was occupied by Wilson Industries. This business was suspected to be similar to the Advanced Control Systems, LLC operations. InControl Technologies does not believe that any manufacturing operations were ever conducted on the subject property.

Shallow groundwater is affected by dissolved phase chemicals including tetrachloroethene (PCE), trichloroethene (TCE), and cis-1,2-dichloroethene (cis-1,2-DCE). The source of the chlorinated solvents is unknown, but it is possible that they originate from the former railyard to the east of the subject property. Chlorinated solvents were likely used during the railcar repairs. However, it is unlikely that these solvents were used during the tenure of the railroad locomotive repair activities. While no manufacturing operations were ever documented on the subject property the chlorinated solvents were a common industrial solvent used at oil tool facilities. The presence of chlorinated solvents in onsite soils suggest that these chemicals may have been used onsite. The property is currently vacant. There is no longer a source for any chlorinated solvents on the subject site.

Groundwater sampling of the existing monitoring well network began in March 2020. The monitoring wells are currently sampled on a quarterly basis. Only three monitoring wells (MW-7, MW-8, and MW-9) have ever reported chemicals of concern above a $^{GW}GW_{Ing}$ PCL. With the installation of monitoring well MW-13, the chlorinated solvent plume is laterally delineated, and the groundwater data show stable to decreasing trends across the site.

Mann-Kendall Test for Statistical Trend

InControl Technologies conducted a statistical trend analysis to determine if chemicals of concern were increasing, decreasing or remaining stable over time. The primary chemicals of concern include tetrachloroethene (PCE), trichloroethene (TCE), and cis-1,2-dichloroethene (cis-1,2-DCE). InControl Technologies used the Mann-Kendall Statistical Test for Trends to conduct the trend analysis. The statistical analysis was conducted using QualStat 6.0, a commercially available software package.

The purpose of the Mann-Kendall test is to statistically assess if there is a monotonic upward or downward trend of the variable of interest over time. A monotonic upward (downward) trend means that the variable consistently increases (decreases) through time, but the trend may or may not be linear. The Mann-Kendall test is used in place of a parametric linear regression analysis since the criteria for this test are generally violated with temporal environmental data. The regression analysis requires that the residuals from the

fitted regression line be normally distributed; an assumption not required by the Mann-Kendall test since the Mann-Kendall test is a non-parametric or distribution-free statistical test.

Assumptions

The following assumptions underlie the Mann-Kendall test:

- When no trend is present, the measurements (observations or data) obtained over time are independent and identically distributed. The assumption of independence means that the observations are not serially correlated over time.
- The observations obtained over time are representative of the true conditions at the various sampling times.
- The sample collection, handling, and measurement methods provide unbiased and representative observations of the underlying populations over time.

There is no requirement that the measurements be normally distributed or that the trend, if present, is linear. The Mann-Kendall test can be computed if there are missing values and values below the sample detection limit. The assumption of independence requires that the time between samples be sufficiently large so that there is no correlation between measurements collected at different times.

Calculations

The Mann-Kendall Statistical test tests whether to reject the null hypothesis (H_o) and accept the alternative hypothesis (H_a), where:

- Ho: No monotonic trend
- Ha: Monotonic trend is present

The Mann-Kendall test is conducted as follows:

1. List the data in the order in which they were collected over time, x_1, x_2, … , x_n, which denote the measurements obtained at times 1, 2, … , n, respectively.

2. Determine the sign of all n(n-1)/2 possible differences $x_j - x_k$, where j>k. These differences are $x_2 - x_1$, $x_3 - x_1$, … , $x_n - x_1$, $x_3 - x_2$, $x_4 - x_2$, … , $x_n - x_2$, … , $x_n - x_{n-2}$, $x_n - x_{n-1}$.

3. Let sgn ($x_j - x_k$,) be the indicator function that takes on the value s 1, 0, or -1 according to the sign of x_j-x_k, that is:

   Error! Bookmark not defined. $$\operatorname{sgn}(x_j - x_k)\begin{cases} 1 & if \quad x_j - x_k > 0 \\ 0 & if \quad x_j - x_k = 0 \\ -1 & if \quad x_j - x_k < 0 \end{cases}$$

4. Compute the statistic S = $\sum_{k=1}^{n-1}\sum_{j=k+1}^{n} \operatorname{sgn}(x_j - x_k)$which is the number of positive differences minus

the number of negative differences. If **S** is a positive number, observations obtained later in time tend to be larger than observations made earlier. If **S** is a negative number, then observations made later in time tend to be smaller than observations made earlier.

5. Compute the variance of **S** as follows:

$$Var(S) = \frac{1}{18}\left[n(n-1)(2n+5) - \sum_{p=1}^{g} t_p(t_p-1)((2t_p+5)\right]$$

Where g is the number of tied groups and t_p is the number of observations in the p^{th} group. When there are ties in the data due to equal values or non-detects, Var(S) is adjusted by the tie correction method described in Helsel (2005, p. 191) and included in the formula above.

6. Compute the Mann-Kendall test statistic, Z_{MK}, as follows:

$$Z_{MK}\begin{cases} \dfrac{s-1}{\sqrt{Var(S)}} & if \quad S>0 \\ 0 \quad if \quad S=0 \\ \dfrac{S+1}{\sqrt{Var(S)}} & if \quad S<0 \end{cases}$$

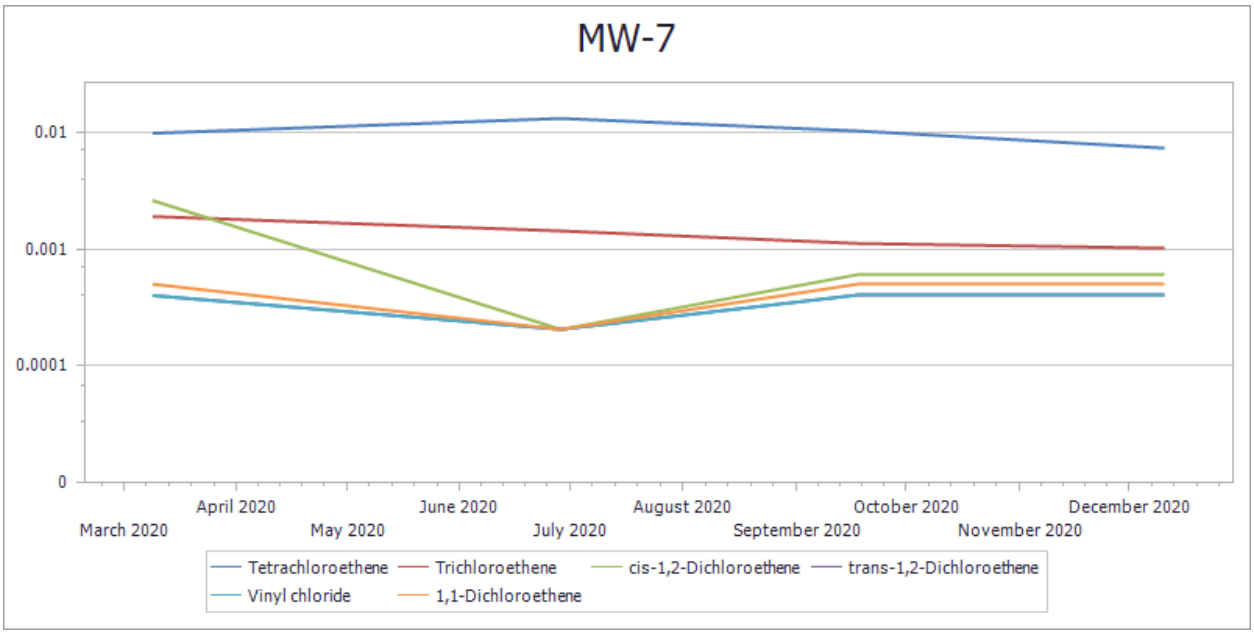
A positive (negative) value of Z_{MK} indicates that the data tend to increase (decrease) with time. To determine if a trend exists at the Type I error rate α, where 0 < α< 0.5. (Note that α is the tolerable probability that the Mann Kendall test will falsely reject the null hypothesis.), then the Ho is rejected and the Ha is accepted if $Z_{MK}>Z_{1-\alpha}$, where $Z_{1-\alpha}$ is the 100(1-α) percentile of the standard normal distribution. Following standard TRRP Guidance, InControl Technologies used an α of 0.05. If the calculated probability (p) is less than 0.05, the Ho hypothesis (no monotonic trend) is rejected in favor of the Ha hypothesis (a monotonic trend exists in the data. The following sections discuss the results of the Mann-Kendall Statistical Analysis on a well by well basis.

Results from Statistical Trend Analysis

A Statistical Trend Analysis was conducted for each well reporting a chemical of concern above the Tier 1 Residential Protective Concentration Level. Only chemicals with historically detected concentrations exceeding the target PCL within a given well are discussed. Compounds that are below the Tier 1 Residential PCL are not discussed.

MW-7

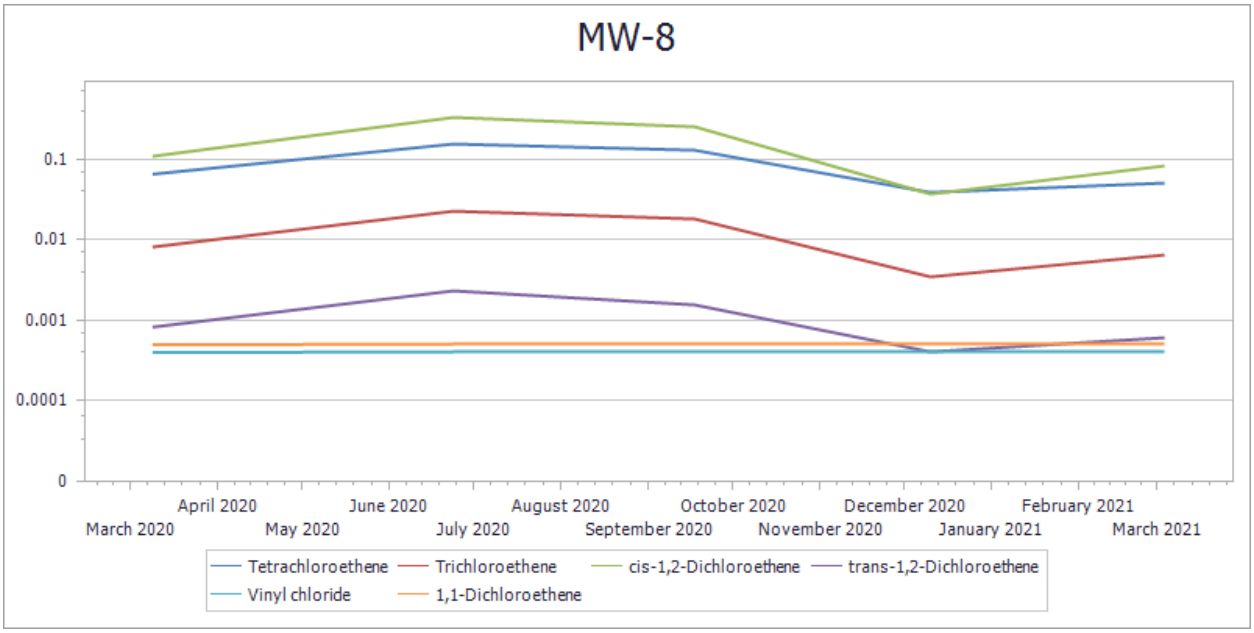
PCE is the only compound that exceeded the Tier 1 Residential PCL for groundwater ingestion during the monitoring history for MW-7. The following table shows the results for the Mann-Kendall Statistical Test for trends for all groundwater monitoring data since the well was first installed. No trend is reported for PCE.



Compound	Count	S Statistic	S Variance	Z Value	Prob	Trend
Tetrachloroethene	4	-2.0	8.6667	-0.34	36.70	No Trend
Trichloroethene	4	-6.0	8.6667	-1.70	4.47	Decreasing
cis-1,2-Dichloroethene	4	-1.0	7.6667	0.00	50.00	No Trend
trans-1,2-Dichloroethene	4	1.0	5.0000	0.00	50.00	No Trend
Vinyl chloride	4	1.0	5.0000	0.00	50.00	No Trend
1,1-Dichloroethene	4	1.0	5.0000	0.00	50.00	No Trend

MW-8

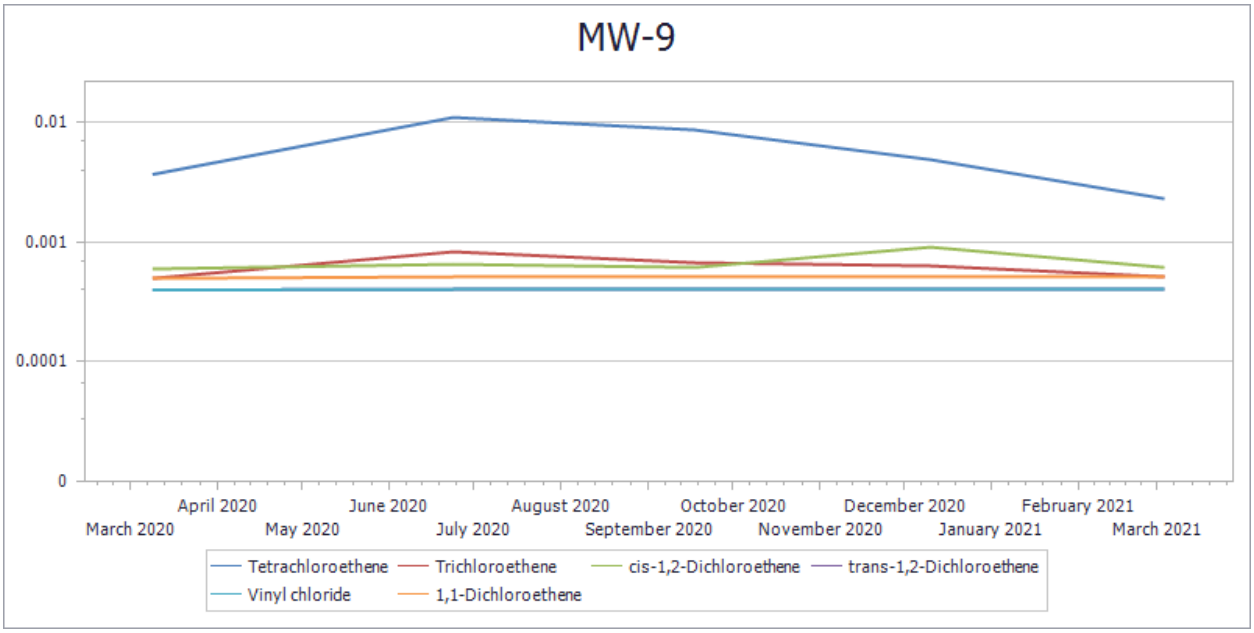
PCE, TCE, and cis-1,2-DCE exceeded their respective Tier 1 Residential PCLs for groundwater ingestion during the monitoring history for MW-8. The following table shows the results for the Mann-Kendall Statistical Test for trends for all groundwater monitoring data since the well was first installed. No trend is reported for any of these compounds.



Compound	Count	S Statistic	S Variance	Z Value	Prob	Trend
Tetrachloroethene	6	-5.0	28.3333	-0.75	22.62	No Trend
Trichloroethene	6	-7.0	28.3333	-1.13	12.98	No Trend
cis-1,2-Dichloroethene	6	-5.0	28.3333	-0.75	22.62	No Trend
trans-1,2-Dichloroethene	6	-7.0	28.3333	-1.13	12.98	No Trend
Vinyl chloride	6	0.0	0.0000	0.00	50.00	No Trend
1,1-Dichloroethene	6	0.0	0.0000	0.00	50.00	No Trend

MW-9

PCE is the only compound that exceeded the Tier 1 Residential PCL for groundwater ingestion during the monitoring history for MW-9. The following table shows the results for the Mann-Kendall Statistical Test for trends for all groundwater monitoring data since the well was first installed. No trend is reported for any of these compounds. PCE has remained below the Tier 1 PCL for two consecutive sampling events.



Compound	Count	S Statistic	S Variance	Z Value	Prob	Trend
Tetrachloroethene	5	-4.0	16.6667	-0.73	23.12	No Trend
Trichloroethene	5	-3.0	15.6667	-0.51	30.67	No Trend
cis-1,2-Dichloroethene	5	1.0	13.0000	0.00	50.00	No Trend
trans-1,2-Dichloroethene	5	0.0	0.0000	0.00	50.00	No Trend
Vinyl chloride	5	0.0	0.0000	0.00	50.00	No Trend
1,1-Dichloroethene	5	0.0	0.0000	0.00	50.00	No Trend

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 EPA, if known, and the basis for that statement.

On the Designated Property

As described in **Appendix D**, several VOCs (tetrachloroethene (PCE), trichloroethene (TCE), and cis-1,2-dichloroethene (cis-1,2-DCE)) are reported at concentrations that exceed the TRRP residential assessment levels without a municipal setting designation ($^{GW}GW_{Ing}$) (**Figures C3a-c**, **Table E4**). A review of the most recent groundwater sampling data (March 2021) within the proposed MSD boundary confirms these findings.

Off the Designated Property

The area of impacted groundwater is delineated to the residential assessment level on the subject property for all VOCs except tetrachloroethene. Tetrachloroethene was delineated to the residential assessment level within the City of Houston right-of-way adjacent south to the subject property and within the TxDOT right-of-way to the east. (**Figure C4a**).

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.

Recent groundwater monitoring data from March 2021 indicate that the area of groundwater impact is delineated. Groundwater samples collected from all groundwater monitoring wells reported COC concentrations less than the Texas Risk Reduction Program (TRRP) residential ingestion exceedance level with a municipal setting designation ($^{Air}GW_{Inh\text{-}V}$). Therefore, there is no future contamination exceedance anticipated with the municipal designation for the subject property.

Appendix J

Identification of the points of origin of the contamination, to the extent known.

a. Please list the Potentially Responsible Party (PRP), if unknown, state unknown. (applications without the PRP listed will be deemed incomplete)

The area of impacted groundwater is delineated. Surrounding properties are primarily commercial/ industrial complexes. The source of the on-site contamination is unknown, but UG Old Hardy, LP is taking on the financial responsibility of the environmental cleanup.

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.

To the best of our knowledge:

a. No environmental regulatory actions have been taken in the last five years in connection with the designated property.

b. No litigation has taken place within the past five years in connection 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 in the first groundwater bearing unit (GWBU). The first groundwater bearing unit is comprised of sand and is encountered at a depth of approximately 15-feet below ground surface (ft bgs) during drilling. The base of the first groundwater bearing unit is encountered at a depth of approximately 29-ft bgs and is underlain by a sandy clay.

Appendix L

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

TCEQ Voluntary Cleanup Program

- Voluntary Cleanup Program – No. 3081

Texas State Customer Number

- Texas State Customer Number – CN605787621

Texas State Regulated Entity Number

- Texas State Regulated Entity Number – RN103208005

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 1702 Nance St is enrolled in the Texas Commission on Environmental Quality (TCEQ) Voluntary Cleanup Program (VCP). The site was assigned VCP No. 3081 and is active in the program. At the time of this report, the project manager assigned to this site is Ms. Heather Podlipny.

Appendix N

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

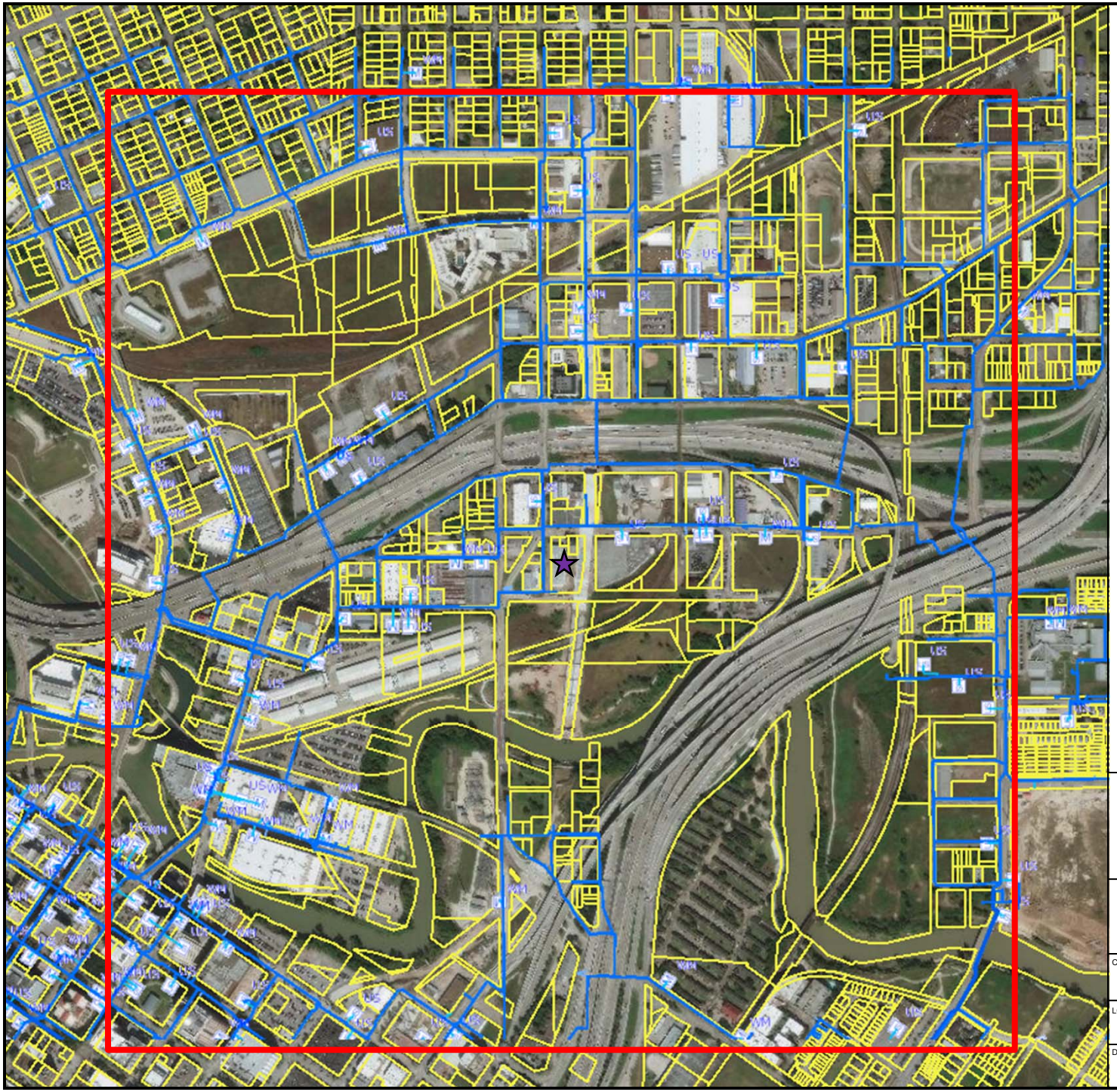
The following is a list of reports submitted to the TCEQ:

Phase I ESA	September 2020
Phase II ESA	September 2020
Drinking Water Survey Report	August 2020
Affected Property Assessment Report	November 2020
Groundwater Monitoring Report	December 2020
Groundwater Monitoring Report	March 2021
Response Action Plan	May 2021

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. Enclosed is a statement from the City of Houston regarding the requirements of Chapter 341 of the Texas Health and Safety Code. Properties within one-half mile of the designated property are supplied public drinking water by the City of Houston. Also enclosed is a figure illustrating the public water supply network in the vicinity of the designated property (**Figure O**).



LEGEND

Site Location

0.5-mile radius

N

0 800 1600

Approximate Scale (feet)

InControl Technologies
14731 Pebble Bend Drive
Houston, Texas 77068
(281) 580-8892 FAX (281) 580-8853

Public Water Supply Network

CLIENT: Urban Genesis			PM: LMG
LOCATION: 1702 Nance Street Houston, Texas 77020			CHECKED: MFM
DETAILED: Date	DESIGNED: LMG	PROJECT NO: E20011-101	FIGURE: O

CITY OF HOUSTON

Department of Public Works and Engineering

Policy Statement

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

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

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

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

5/7/10

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

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.)

Included are the names and address of identified water well owners located within five miles of the proposed MDS boundary. A copy of the water well search is included in this section.

Appendix P
5-Mile Water Well Owner List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

mapid	current_owner	mail_address	mail_city	mail_state	mail_zip
1	12 3 BUFFALO BAYOU LP	PO BOX 271441	HOUSTON	TX	77277-1441
2	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
2	SAINT ARNOLD BREWING COMPANY	2000 LYONS AVE	HOUSTON	TX	77020-2028
3	CENTERPOINT ENERGY HOU ELE	PO BOX 1475	HOUSTON	TX	77251-1475
5	KURTZ PROPERTIES LTD	2019 BROOKS ST	HOUSTON	TX	77026-7208
8	UNION PACIFIC RAILROAD COMPANY UNION PACIFIC RAILROAD CO	1400 DOUGLAS ST STOP 1640	OMAHA	NE	68179-1001
9	SOUTHERN PACIFIC RAILROAD COMPANY UNION PACIFIC RAILROAD CO	1400 DOUGLAS ST STOP 1640	OMAHA	NE	68179-1001
10	HYDRAULIC EQUIPMENT SERVICE CO	1021 N SAN JACINTO ST	HOUSTON	TX	77002-1138
12	CR V HARDY YARDS LP % CYPRESS REAL ESTATE ADVISORS INC	1601 S MOPAC STE 175	AUSTIN	TX	78746-7092
18	COUNTY OF HARRIS	PO BOX 1525	HOUSTON	TX	77251-1525
19	HOUSTON ISD	4400 W 18TH ST	HOUSTON	TX	77092-8501
24	UNIVERSITY OF HOUSTON % OFFICE OF REAL ESTATE SERVICES	5000 GULF FWY BLDG 1	HOUSTON	TX	77204-8017
26	AMERICUS HOLDINGS LTD	5330 MONTROSE BLVD	HOUSTON	TX	77005-1831
31	401 FRANKLIN STREET LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
33	CH REALTY MF HOUSTON RICE VI LP	3819 MAPLE AVE	DALLAS	TX	75219-3913
34	MSC FAMILY PROPERTIES LP	8814 MANHATTAN DR	HOUSTON	TX	77096-2550
35	ROBERSON MARGARET LOUISE	601 GREGG ST	HOUSTON	TX	77020-6149
37	CURRENT OWNER	1717 SAINT JAMES PL STE 118	HOUSTON	TX	77056-3409
38	HORST LESLEY	600 E 41ST ST	AUSTIN	TX	78751-4324
39	BSREP II HOUSTON OFFICE	1200 SMITH ST STE 1200	HOUSTON	TX	77002-4372
40	CMK INVESTMENTS INC	2901 CANAL ST	HOUSTON	TX	77003-1624
42	CCM CAMERON ESPERSON LP CONTRARIAN CAPIT	411 W PUTNAM AVE STE 425	GREENWICH	CT	06830-6263
43	LEAD PRODUCTS CO INC	PO BOX 1341	HOUSTON	TX	77251-1341
48	FC TOWER PROPERTY PARTNERS % KENNEDY WIL	1001 FANNIN ST STE M100	HOUSTON	TX	77002-6761
51	SL4 HOU INDUSTRIAL LP	100 CRESCENT CT STE 850	DALLAS	TX	75201-6904
52	EPC BUILDING LLC % PROP TAX	PO BOX 4372	HOUSTON	TX	77210-4372
54	NAVIGATION REALTY CO LTD	1327 46TH ST STE H	BROOKLYN	NY	11219-2185
55	FENWAY DEVELOPMENT INC	1520 OLIVER ST STE 230	HOUSTON	TX	77007-6035
56	FIFTH WARD COMMUNITY REDEVELOPMENT CORP	4300 LYONS AVE STE 300	HOUSTON	TX	77020-2569
57	LVA4 HOUSTON GREENSTREET LP	1201 FANNIN ST STE 325	HOUSTON	TX	77002-6929
58	HYATT CORP AS AGENT OF ATTN ACCOUNTS PAY	1200 LOUISIANA ST	HOUSTON	TX	77002-5209
59	SOUTHWESTERN PLATING CO	PO BOX 8837	HOUSTON	TX	77249-8837
60	MP WHITE OAK APARTMENTS LLC	135 WATER ST 4TH FLR	NAPERVILLE	IL	60540-5493
62	BOP HOUSTON HOTEL LLC	250 VESEY ST FL 15	NEW YORK	NY	10281-1065

Appendix P
5-Mile Water Well Owner List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

mapid	current_owner	mail_address	mail_city	mail_state	mail_zip
63	TAEJ ENTERPRISES LLC	5111 CHINABERRY GRV	MISSOURI CITY	TX	77459-6259
64	1610 DART PARTNERS LP	4808 GIBSON ST	HOUSTON	TX	77007-5480
65	CASTILLO CLEOTILDE	15 N HUTCHESON ST	HOUSTON	TX	77003-1804
66	TREVINO JEFFREY	315 EMBRY ST	HOUSTON	TX	77009-5654
70	DELHOMME TRUSTS	700 LOUISIANA ST FL 6	HOUSTON	TX	77002-2725
71	ST CATHERINE'S MONTESSORI INC	9821 TIMBERSIDE DR	HOUSTON	TX	77025-5223
77	GARCIA MANUEL J	505 FAIRVIEW AVE	HOUSTON	TX	77006-2901
78	BRIGHT STAR STORES INC	1017 WAKEFIELD DR	HOUSTON	TX	77018-5226
80	2810 BEAUCHAMP LP	9601 KATY FWY STE 475	HOUSTON	TX	77024-1347
81	CENTER STREET WAREHOUSE	2122 CENTER ST	HOUSTON	TX	77007-6108
82	FLORES RAMIRO L	4717 EDISON	HOUSTON	TX	77009-3341
83	NORMAN JAN M	2710 N SABINE ST APT 101	HOUSTON	TX	77009-7500
85	SUN DEVELOPMENT LP	PO BOX 4456	HOUSTON	TX	77210-4456
87	GLOBAL NEW MILLENNIUM PARTNERS LIMITED	4415 HIGHWAY 6	SUGAR LAND	TX	77478-4476
89	MANJARI ENTERPRISES LLC	9501 JENSEN DR	HOUSTON	TX	77093-6316
90	WILLIAMS DIANE V	4420 QUITMAN ST	HOUSTON	TX	77026-7633
94	UNITED STATES OF AMERICA	1000 LOUISIANA ST #2300	HOUSTON	TX	77002
95	THE ALLEN TOWER LLC	2506 W MAIN ST 5TH FLR	HOUSTON	TX	77098-3223
97	PAPPAS RESTUARANTS INC	13939 NW FREEWAY	HOUSTON	TX	77040-5115
98	LOCKWOOD CENTER LLC	2805 GULF FWY STE C	HOUSTON	TX	77003-5332
99	SOUTHERN CRUSHED CONCRETE LLC	1725 HUGHES LANDING BLVD STE 1200	SPRING	TX	77380-3875
100	GARCIA BERTHA M	4107 GANO ST	HOUSTON	TX	77009-4121
101	PURSUIT FOUNDATION	3550 W DALLAS	HOUSTON	TX	77019
102	GLENWOOD CEMETERY	PO BOX 696	HOUSTON	TX	77001-0696
103	FEDERAL RESERVE BANK DALLAS	1801 ALLEN PKWY	HOUSTON	TX	77019-2507
104	GATEMAN PROPERTIES LLC	5223 SCHULER ST	HOUSTON	TX	77007-3243
105	WEJ LP	3988 CLAY ST	HOUSTON	TX	77023-1700
106	HOUSING AUTH CITY OF HOU	2640 FOUNTAIN VIEW DR	HOUSTON	TX	77057
108	JAN DENG KUI	5515 CLINTON DR	HOUSTON	TX	77020-8008
109	SHERMAN WAY MIDTOWN LLC ET AL	501 S BEVERLY DR STE 100	BEVERLY HILLS	CA	90212-4520
110	STOKES FAMILY LIVING TRUST	417 JEANIE LYNN CIRCLE	GALVESTON	TX	77554-8106
112	SIMPSON J ROYCE & VICKI L	967 CHAMBOARD LN	HOUSTON	TX	77018-3209
115	KEITHS AUTO SERVICE INC	5021 CANAL ST	HOUSTON	TX	77011-2251
118	JAN ERIC YUCHENG	5515 CLINTON DR	HOUSTON	TX	77020-8008

Appendix P
5-Mile Water Well Owner List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

mapid	current_owner	mail_address	mail_city	mail_state	mail_zip
119	FLOWERS INDUSTRIES INC	3000 WASHINGTON AVE	HOUSTON	TX	77007-6029
120	FICCIO VALENTINO	1339 W BELL ST	HOUSTON	TX	77019-4035
122	OUTFRONT MEDIA LLC	1600 STUDEMONT ST	HOUSTON	TX	77007-3825
123	MARTINEZ JESUS & SOFIA	1509 FRAWLEY ST	HOUSTON	TX	77009-3430
124	HOUSTON COMMUNITY COLLEGE	PO BOX 667517	HOUSTON	TX	77266-7517
125	AMARO ASCENSION ESTATE OF	3401 CHICKERING ST	HOUSTON	TX	77026-3614
126	SINGER SAKOWITZ LLC	5331 SUMMER SNOW DR	HOUSTON	TX	77041-6574
127	ESPINOSA FRANCISCO	201 CORONADO ST	HOUSTON	TX	77009-3930
128	COHO DELMAR PROPERTY LLC	2253 TROON RD	HOUSTON	TX	77019-1417
129	WRIGHT INVESTMENTS INC	1515 STUDEMONT ST	HOUSTON	TX	77007-3823
130	SHOPS AT MEMORIAL LLC	5868 WESTHEIMER RD STE 531	HOUSTON	TX	77057-5641
135	KASHMERE GARDENS CHURCH OF CHRIST	4315 LEFFINGWELL ST	HOUSTON	TX	77026-3843
136	BENNETT JOSEPH V	4417 COYLE ST	HOUSTON	TX	77023-3503
137	MAXIMO CAPITAL LLC	8582 KATY FWY FRONTAGE RD STE 221	HOUSTON	TX	77024
138	5713 ARMOUR DRIVE LLC	5731 HARVEY WILSON DR	HOUSTON	TX	77020-8025
139	JUDSON ROBINSON & SONS INC % GOLDEN STATE MUTUAL INS	PO BOX 841482	PEARLAND	TX	77584-0138
140	DAO & TRAN INVESTMENT LLC	8507 NEFF ST	HOUSTON	TX	77036-5531
142	OVER NITE TRANSPORTATION ATTN: REAL ESTATE DEPT	55 GLENLAKE PARKWAY NE	ATLANTA	GA	30328-3474
143	H B FULLER COMPANY % TAX DEPT	PO BOX 64683	SAINT PAUL	MN	55164-0683
145	2929 REAL ESTATE HOLDINGS	2929 ALLEN PARKWAY	HOUSTON	TX	77019-7100
146	CINTAS RUS LP	6800 CINTAS BLVD	CINCINNATI	OH	45262-
148	WATCO TRANSLOADING LLC	315 W 3RD ST	PITTSBURG	KS	66762-4706
149	NATIONAL RETAIL PROPERTIES LP	450 S ORANGE AVE STE 900	ORLANDO	FL	32801-3339
151	CEMEX USA % PROP TX DEPT	1501 BELVEDERE RD	WEST PALM BEACH	FL	33406-1501
152	VILLANUEVA ONESIMO S & ANDREA E	5122 CHERRY ST	HOUSTON	TX	77026-2402
153	HEIGHTS DEVELOPMENT GROUP LLC	884 TRANQUILITY	ROCKWALL	TX	75032-0043
154	ALSCO INC	505 E 200 S STE 101	SALT LAKE CITY	UT	84102-2053
156	CURRENT OWNER	17910 HAMPTON OAK DR	SPRING	TX	77379-6153
157	YES PREP PUBLIC SCHOOLS INC	6201 BONHOMME RD STE 168N	HOUSTON	TX	77036-4427
158	MODERN HEIGHTS HOMES LLC	2503 JULIAN ST	HOUSTON	TX	77009-7411
159	HOLT LOLA	3002 OKLAHOMA ST	HOUSTON	TX	77093-9236
160	2607 GRANT LLC	2507 CALUMET ST	HOUSTON	TX	77004-7569
161	WILLIAMS BROTHERS CONSTRUCTION CO INC	PO BOX 66428	HOUSTON	TX	77266-6428
162	HERNANDEZ MICHAEL	5305 IRVINGTON BLVD	HOUSTON	TX	77009-1920

Appendix P
5-Mile Water Well Owner List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

mapid	current_owner	mail_address	mail_city	mail_state	mail_zip
163	NGUYEN JOSE P & CHAU	6118 LOFTY LN	SPRING	TX	77379-5343
164	PV JENSEN DRIVE LLC	5810 S RICE AVE	HOUSTON	TX	77081-2912
165	UH HAMMOND SCOTT LP	5 RIVERWAY STE 300	HOUSTON	TX	77056-1864
166	TRANSENERGY % PROP TX DEPT	1501 BELVEDERE RD	WEST PALM BEACH	FL	33406-1501
167	CURRENT OWNER	1307 DIEZ ST	HOUSTON	TX	77023-3601
169	SAL J & DAWN LOCATELLI TRUST	PO BOX 3608	MORGAN CITY	LA	70381-
170	CENTRAL CITY INDUSTRIAL PARK LLC	5301 POLK ST UNIT 25	HOUSTON	TX	77023
171	WERNER JUANITA C	603 GRACELAND ST	HOUSTON	TX	77009-1916
172	EAST END MAKER HUB QALICB INC	3211 HARRISBURG BLVD	HOUSTON	TX	77003-2435
173	ANVIL INTERNATIONAL INC	2 HOLLAND WAY	EXETER	NH	03833-2937
175	CHEATHAM ESTER RUTH	2821 FAIRBANKS ST	HOUSTON	TX	77026-2116
177	ESQUIVAL RICARDO H &	904 JOSEPH ST UNIT C	PASADENA	TX	77506-5213
178	9W HALO OPCO LP	1901 S MEYERS RD STE 630	VILLA PARK	IL	60181-5210
179	401 RICHMOND LLC	6100 MAIN ST	HOUSTON	TX	77005-1827
180	DO HONG DANG & % 11TH ST CLEANERS	220 E 11TH ST	HOUSTON	TX	77008-7032
181	SHIPLEY DONUT FLOUR & SUPPLY CO INC	PO BOX 30330	HOUSTON	TX	77249-0330
182	DAVILA ANGELA A & BALTAZAR	201 DANNA LN UNIT B	HOUSTON	TX	77009-1884
183	RJMD INTERPRISES INC	PO BOX 2599	SUGAR LAND	TX	77487-
184	HART RIVER OAKS LLC HEITMAN CAPITAL MANAGEMENT LLC	191 N WACKER DR STE 2500	CHICAGO	IL	60606-1885
186	5610 POLK LLC	1702 TAYLOR ST STE 300	HOUSTON	TX	77007-3992
187	IGLESIA DE FE Y PODER	6705 AVENUE L	HOUSTON	TX	77011-
188	HENSON FLOYD ESTATE OF	2114 REID ST	HOUSTON	TX	77026-2048
189	SANCHEZ JOSE MARIA	11039 FLEMING DR	HOUSTON	TX	77013-5516
190	GAYTAN JUDITH	19531 ZETAK LN	CROSBY	TX	77532-7412
191	HOUSTON AVOCADO REAL ESTATE INC	2224 AIRLINE DR	HOUSTON	TX	77009-2422
192	KHODADADIAN MANOUCHEHR	4806 FANNIN ST	HOUSTON	TX	77004-5660
193	SERNA ROBERT A	7226 TUCK ST	HOUSTON	TX	77020-7650
194	600 WEST 6TH LLC	1702 TAYLOR ST STE 300	HOUSTON	TX	77007-3992
195	STORE MASTER FUNDING XII LLC	8501 E PRINCESS DR STE 190	SCOTTSDALE	AZ	85255-5494
196	PAPADOPOULOS ANESTIS	2406 EAGLES WAY	PEARLAND	TX	77581-5152
198	3M LIBERTY LLC	1011 WOOD ST	HOUSTON	TX	77002-1294
199	RIVER OAKS WELLNESS LLC	8314 CHESHIRE VALE ST	HOUSTON	TX	77024-3240
201	MCCC HOLDING LLC	211 TERRACE DR	HOUSTON	TX	77007-5044
202	KIPP INC	10711 KIPP WAY DR	HOUSTON	TX	77099-2675

Appendix P
5-Mile Water Well Owner List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

mapid	current_owner	mail_address	mail_city	mail_state	mail_zip
203	LAKESIDE PLACE PFC C/O TORY GUNSOLLEY	2640 FOUNTAIN VIEW DR STE 400	HOUSTON	TX	77057-7610
205	UC1 LTD	3355 BEE CAVES RD STE 102B	WEST LAKE HILLS	TX	78746-6673
205	MHA PROPERTIES LLC	6000 REIMS #3504	HOUSTON	TX	77036-3054
206	SAINT THOMAS HIGH SCHOOL	4500 MEMORIAL DR	HOUSTON	TX	77007-7332
207	BENTURA-GUITERREZ FERNANDO	404 KING ST	HOUSTON	TX	77022-5443
208	SMITH KYLE D	1220 SOUTHMORE BLVD	HOUSTON	TX	77004-5826
210	BONHAM & MENDENHALL % REAL ESTATE DEPT	PO BOX 1156	SPRINGFIELD	MO	65801-1156
212	H B & T RY CO RR	2425 SH 146 NORTH	TEXAS CITY	TX	77590-
213	WASHINGTON REALTY CORP	8801 KNIGHT RD	HOUSTON	TX	77054-4301
215	IMPACT HOUSTON CHURCH OF CHRIST	1704 WEBER ST	HOUSTON	TX	77007-2936
216	HOUSTON BELT TERMINAL RR	2425 SH 146 NORTH	TEXAS CITY	TX	77590-
218	SAHAMI INVESTMENTS LTD	9325 HARWIN DR	HOUSTON	TX	77036-1815
224	DPR LLP	4117 KING ST	HOUSTON	TX	77026-1541
226	PRICE KATHARINE & JONATHAN	1435 TULANE ST	HOUSTON	TX	77008-4143
227	V & G REALTY COMPANY	1201 N SHEPHERD DR	HOUSTON	TX	77008-6532
229	ALLEN JOSEPHINE ESTATE OF	2215 BENNINGTON ST	HOUSTON	TX	77093-8911
230	BEAZER EAST INC THREE RIVERS MGMT MANOR	1910 COCHRAN RD	PITTSBURGH	PA	15220-1203
231	CHILDRENS MUSEUM INC	1500 BINZ ST	HOUSTON	TX	77004-7112
232	OS ALMEDA LLC	2420 GARNETFIELD LN	FRIENDSWOOD	TX	77546-4668
233	MONTROSE REAL ESTATE PARTNERS LTD C/O PROPERTY TAX DEPT	PO BOX 839999	SAN ANTONIO	TX	78283-3999
235	CEDAR STREET PARTNERS LP	4723 INGERSOLL ST	HOUSTON	TX	77027-6601
238	CURRENT OWNER	PO BOX 130688	HOUSTON	TX	77219-0688
240	HARRIS COUNTY HOSPITAL DISTRICT	2525 HOLLY HALL ST	HOUSTON	TX	77054-4124
243	TRANSFORMATION 5701 LLC	5701 MAIN ST	HOUSTON	TX	77005-1824
244	ARGOS USA LLC	3015 WINDWARD PLAZA UNIT 300	ALPHARETTA	GA	30005-8713
245	DMG HOUSTON LLC	100 WALL ST STE 1802	NEW YORK	NY	10005-3744
246	TOMPKINS MARTHA C	6 WAVERLY CT	HOUSTON	TX	77005-1842
248	JUSBASCHE J MICHAEL	1100 LOUISIANA ST STE 4800	HOUSTON	TX	77002-5227
249	BHATIA DEVINDER S	1 SHADOW LAWN ST	HOUSTON	TX	77005-1834
250	AWAD PROPERTY MANAGEMENT LLC	9707 STONECROSS BEND DR	HOUSTON	TX	77070-4399
252	CONGREGATION OF THE INCARNATE WORD SISTERS	6510 LAWNDALE ST	HOUSTON	TX	77023-3913
253	BROWN EARL W & LYNN B	1101 W 13TH ST	HOUSTON	TX	77008-6626
255	FREEDMAN DONALD J	2 REMINGTON LN	HOUSTON	TX	77005-1833
256	LEWIS KEVIN & SABRIA	1323 NORTH BLVD	HOUSTON	TX	77006-6323

Appendix P
5-Mile Water Well Owner List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

mapid	current_owner	mail_address	mail_city	mail_state	mail_zip
258	DANDREA MARK & MARY D	2 1/2 REMINGTON LN	HOUSTON	TX	77005-1833
259	CATO JAN STOCKARD	13 SHADOW LAWN ST	HOUSTON	TX	77005-1834
260	SHADYSIDE HOMES LLC	12333 SOWDEN RD STE B PMB 54473	HOUSTON	TX	77080-2059
262	AUDIE GRAY FAMILY LP	5825 KELLEY ST	HOUSTON	TX	77026-1901
263	ROBIN ROSS M	1805 PARK ST	HOUSTON	TX	77019-5707
264	CURRENT OWNER	1244 N POST OAK 200	HOUSTON	TX	77055-
265	ANDIE GRAY FAMILY LP	4101 FULTON ST	HOUSTON	TX	77009-3956
266	OLIN CHEMICALS ATTN: TAX DEPARTMENT	190 CARONDELET PLZ STE 1530	SAINT LOUIS	MO	63105-3467
267	QUALITY ELECTRIC STEEL CASTINGS INC	252 MCCARTY ST	HOUSTON	TX	77029-1138
268	COMMUNITY FAMILY CENTERS	7524 AVENUE E	HOUSTON	TX	77012-1200
269	SUNBELT HUNTING BAYOU LP	1263 US HIGHWAY 59 N	CLEVELAND	TX	77327-2877
270	FORD ESTATE INC FLAY E	PO BOX 21428	HOUSTON	TX	77226-1428
271	CURRENT OWNER	8 REMINGTON LN	HOUSTON	TX	77005-1833
273	HOUSTON PROPROETOR LLC	3 GREENWAY PLAZE UNIT 110	HOUSTON	TX	77046-
274	PEAK DONNA	2 LONGFELLOW LN	HOUSTON	TX	77005-1822
275	KAGAN PROPERTIES VENTURE I LTD	8801 KNIGHT RD	HOUSTON	TX	77054-4301
276	PANJWANI PROPERTIES LTD	6161 SAVOY DR STE 1111	HOUSTON	TX	77036-3360
277	MODIGLIANI PARTNERS LTD	PO BOX 12204	SPRING	TX	77391-2204
278	BRADON INC	12821 INDUSTRIAL RD	HOUSTON	TX	77015-6802
279	GARY STUDWELL TRUST	424 ASBURY ST	HOUSTON	TX	77007-7124
280	SUNBELT HOUSTON PROPERTIES	1263 US HIGHWAY 59 N	CLEVELAND	TX	77327-2877
281	PETRELLO ANTHONY G	515 W GREENS RD STE 1200	HOUSTON	TX	77067-4536
282	CURRENT OWNER 1515 SOUTH BOULEVARD TRUST	PO BOX 22322	HOUSTON	TX	77227-2322
283	449 W 19TH REALTY LTD	3100 FANNIN ST STE 200	HOUSTON	TX	77004-2808
284	CURRENT OWNER	3933 ESSEX LN	HOUSTON	TX	77027-5113
285	CURRENT OWNER	2920 LAZY LANE BLVD	HOUSTON	TX	77019-1302
287	MERICHEM COMPANY	5455 OLD SPANISH TRL	HOUSTON	TX	77023-5013
289	SHRADER JUSTIN H	16 SUNSET BLVD	HOUSTON	TX	77005-1837
291	ZACCA NADIM M & NOUHA	22 SUNSET BLVD	HOUSTON	TX	77005-1837
292	NFF REALTY LLC	2828 TROUT ST	HOUSTON	TX	77093-5546
294	REASONER HARRY M & MACEY H	1604 KIRBY DR	HOUSTON	TX	77019-3316
296	CURRENT OWNER	7220 FARNSWORTH ST	HOUSTON	TX	77022-4441
298	ZGEBA LLC C/O AHG PROPERTIES LLC	1980 POST OAK BLVD STE 2020	HOUSTON	TX	77056-3820
300	DOMAIN HEIGHTS LLC	1300 POST OAK BLVD STE 1650	HOUSTON	TX	77056-3162

Appendix P
5-Mile Water Well Owner List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

mapid	current_owner	mail_address	mail_city	mail_state	mail_zip
301	ACTION RAGS USA LLC	1225 PORT HOUSTON ST	HOUSTON	TX	77029-3126
302	ARMENTA JOSE D	4324 AVERILL ST	HOUSTON	TX	77009-4024
303	SIKHTIAN SUHAIL A	2909 INWOOD DR	HOUSTON	TX	77019-3221
304	STONEWOOD GFPG LLC TREVOR NAZZARO	320 S TELLER ST STE 220	DENVER	CO	80226-7392
305	MAGELLAN PIPELINE TERMINALS LP	1 WILLIAMS OTC-9 CENTER	TULSA	OK	74172-
307	FOREST PARK MEMORIALS % SCI MGMT CORP - TX DPT	8 TH FL #2920	HOUSTON	TX	77019-2506
308	ROBB 2001 KIRBY LP	1800 AUGUSTA DR 4TH FLR	HOUSTON	TX	77057-3149
309	CURRENT OWNER C/O JOHN D CURTIN	2995 LAZY LANE BLVD	HOUSTON	TX	77019-1301
310	CG CITYWALK LP	3399 PEACHTREE RD STE 600	ATLANTA	GA	30326-2832
311	TEXAS SOUTHERN UNIVERSITY FOUNDATION	3100 CLEBURNE AVE	HOUSTON	TX	77004-4501
312	SHANNON GREGORY	3418 SOUTH PARKWOOD DR	HOUSTON	TX	77021-1238
313	FARRELL THOMAS M & JUDITH	3412 S PARKWOOD DR	HOUSTON	TX	77021-1238
315	MANNE NEAL S	1000 LOUISIANA ST STE 5100	HOUSTON	TX	77002-5091
316	HERNANDEZ ENRIQUE & BLANCA	3014 CARROLTON ST	HOUSTON	TX	77023-5320
317	NAR LIMITED PARTNERSHIP C/O CARROLS REST	14800 LANDMARK BLVD STE 500	DALLAS	TX	75254-7013
318	CURRENT OWNER	2938 DEL MONTE DR	HOUSTON	TX	77019
319	HAVENS JOHN P & THERESA A	2960 LAZY LANE BLVD	HOUSTON	TX	77019-1302
320	ARNOLD JOHN D & LAURA E % SJL TRUST; ATTN: KC CARSON	1717 WEST LOOP S	HOUSTON	TX	77027-3048
321	COASTAL REALITY LLC	8415 CLINTON DR	HOUSTON	TX	77029-3613
323	ARC AAHUSTX003 LLC C/O RYAN LLC	PO BOX 460369	HOUSTON	TX	77056-8369
325	ALBIOL MAIRE C	3000 DEL MONTE DR	HOUSTON	TX	77019-3214
327	RICHARDSON SCOTT H	310 TERRACE DR	HOUSTON	TX	77007-5047
330	WM RICE INSTITUTE	6100 MAIN ST	HOUSTON	TX	77005-1827
330	RICE UNIVERSITY	PO BOX 1892	HOUSTON	TX	77251-1892
331	AL TUCKER TRAILER CO	7401 NORTH LOOP E	HOUSTON	TX	77028-5954
332	LIZLA PROPERTIES LLC	448 W 19TH ST APT 270	HOUSTON	TX	77008-3914
333	BL&BR CORP	4111 SURREYDON DR	HOUSTON	TX	77014-2154
335	HOOK THOMAS	3005 DEL MONTE DR	HOUSTON	TX	77019-3213
336	DUCHMAN STAN & LISA	6039 GLENCOVE ST	HOUSTON	TX	77007-7008
339	DOGGETT W LESLIE & ANN	9111 NORTH FWY	HOUSTON	TX	77037-2038
341	2808 RICHMOND PARTNERS LP	7700 SAN FELIPE ST STE 500	HOUSTON	TX	77063-1615
342	WEAVER JAMES D & SHARYN	3196 DEL MONTE DR	HOUSTON	TX	77019-3216
343	AVALON OAKS I LTD % MOODY RAMBIN INTERESTS	12850 MEMORIAL DR STE 1105	HOUSTON	TX	77024-4983
344	FOREST PARK CEMETERY	PO BOX 216	HOUSTON	TX	77001-

Appendix P
5-Mile Water Well Owner List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

mapid	current_owner	mail_address	mail_city	mail_state	mail_zip
345	HOUSTON PARKS BOARD LGC INC	300 N POST OAK LN	HOUSTON	TX	77024-5904
347	LA SALETTE LLC	PO BOX 20214	HOUSTON	TX	77225-0214
348	CURRENT OWNER ATTN AD VALOREM TAX	PO BOX 4018	HOUSTON	TX	77210-4018
350	HLH ENTERPRISES LLC	PO BOX 978	ROSHARON	TX	77583-0978
351	2ML REAL ESTATE INTERESTS INC	952 ECHO LN STE 314	HOUSTON	TX	77024-2780
353	CURRENT OWNER	10260 WESTHEIMER RD STE 710	HOUSTON	TX	77042-3110
354	RIVER OAKS COUNTRY CLUB	1600 RIVER OAKS BLVD	HOUSTON	TX	77019-1202
355	ABDO GEORGE J & DONNA D	28 CRESTWOOD DR	HOUSTON	TX	77007-7007
356	ALAMO & YOUSEF INV LLC	8310 E HARDY RD	HOUSTON	TX	77093-7916
357	CONERLY MARGARET	7230 MILEY ST	HOUSTON	TX	77028-4326
358	BILGER BRUCE R & CAROLE J	3247 INWOOD DR	HOUSTON	TX	77019-3227
359	MIDTOWN REDEVELOPMENT AUTHORITY	410 PIERCE ST STE 355	HOUSTON	TX	77002-8722
360	EWG INVESTMENTS LLC % GALTNE 7 GROUP	2229 SANFELIPE STE 1200	HOUSTON	TX	77019
362	MEMORIAL HERMANN HEALTH SYSTEM	909 FROSTWOOD DR STE 100	HOUSTON	TX	77024-2301
363	CLEVELAND REGINA	4703 BROOKSTON ST	HOUSTON	TX	77045-3112
364	HOLMES NED S	55 WAUGH DR STE 1111	HOUSTON	TX	77007-5837
365	RISHER RANDALL	3249 CHEVY CHASE DR	HOUSTON	TX	77019-3229
367	GARFIELD REBECCA P & SIMON J	2128 ALBANS RD	HOUSTON	TX	77005-1518
369	MCNAIR ROBERT C & JANICE S	109 N POST OAK LN STE 600	HOUSTON	TX	77024-7753
370	PORT OF HOUSTON AUTHORITY	111 EAST LOOP N	HOUSTON	TX	77029-4326
371	CURRENT OWNER	3234 ELLA LEE LN	HOUSTON	TX	77019-5924
372	HILLCROFT VENTURE A TEXAS JOINT VENTURE	1020 W LOOP N STE 200	HOUSTON	TX	77055-7256
375	MANN PAUL M & CAROLYN S	1907 RIVER OAKS BLVD	HOUSTON	TX	77019-3111
377	ZUGHERI WILLIAM A & DEANNA F	535 W 32ND ST	HOUSTON	TX	77018-8325
378	GBL DEVELOPERS LLC	1400 POST OAK BLVD STE 150	HOUSTON	TX	77056-6009
379	VGRP HOLDINGS LLC	11509 S LOU AL DR	HOUSTON	TX	77024-2707
380	AMELIA STREET PARTNERS LP ATTN: TAX DEPT	6000 JENSEN DR	HOUSTON	TX	77026-1113
381	CUTSINGER ROD & SUE N	2109 RIVER OAKS BLVD	HOUSTON	TX	77019-5819
382	JULIAN PRESTON	8211 FAWN TERRACE	HOUSTON	TX	77071-3643
384	BOULEVARD BJC LLC ETAL	3773 RICHMOND AVE STE 580	HOUSTON	TX	77046-1140
385	NORMEX INVESTMENTS INC	7225 HARRISBURG BLVD	HOUSTON	TX	77011-4736
386	ELKINS VIRGINIA	3335 INWOOD DR	HOUSTON	TX	77019-3105
387	BROOKSHIRE LARRY C	2110 RIVER OAKS BLVD	HOUSTON	TX	77019-5820
388	MSN PROPERTIES % JOHN STEELE	846 W 27TH ST	HOUSTON	TX	77008-1706

Appendix P
5-Mile Water Well Owner List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

mapid	current_owner	mail_address	mail_city	mail_state	mail_zip
389	BARNHART PAUL F JR	2121 SAGE RD STE 333	HOUSTON	TX	77056-4305
392	WOOTEN EDWARD SR ESTATE OF % WOOTEN EDWARD JR	122 LAKESHORE DR	WAXAHACHIE	TX	75165-6802
393	CHAPMAN DONNA P	2001 KIRBY DR STE 1002	HOUSTON	TX	77019-6033
394	KENWORTHY HOLDINGS LLC	1303 TULANE ST	HOUSTON	TX	77008-4105
395	6214 SAN AUGUSTINE LLC	915 FRANKLIN ST UNIT 9F	HOUSTON	TX	77002-1733
398	TRIPLE R BROTHERS LTD	PO BOX 1265	NEDERLAND	TX	77627-1265
401	DUNCAN CHARLES JR & ANNE	600 TRAVIS ST STE 3550	HOUSTON	TX	77002-3036
403	VILCHIS RUBEN & PEREZ MARIA	9838 EMNORA LN	HOUSTON	TX	77080-5248
404	CURRENT OWNER	1375 ENCLAVE PKWY	HOUSTON	TX	77077-2026
405	PROLOGIS CLIFTON LLC	4545 AIRPORT WAY	DENVER	CO	80239-5716
406	GIBBS DAVID K & TR	2370 RICH BLVD STE 200	HOUSTON	TX	77005-
408	LONG MARTHA KATHERINE	3389 INWOOD DR	HOUSTON	TX	77019-3105
409	ANHEUSER-BUSCH COMMERICAL STRATEGY LLC ATTN GENERAL COUNSEL	1 BUSCH PL	SAINT LOUIS	MO	63118-1849
410	NIZAI FAMILY PROPERTIES LLC	3250 OLD SPANISH TRL	HOUSTON	TX	77021-2123
411	BEDI RAJINDER & HARVINDER	6 BRIARWOOD CT	HOUSTON	TX	77019-5802
412	INDUSTRIAL METAL FINISHING CO	4200 PERRY ST	HOUSTON	TX	77021-2756
413	ZUFELT MELODY & THOMAS	3102 MAXROY ST	HOUSTON	TX	77008-6221
414	YOUNG JOHN H	4605 POST OAK PLACE DR STE 250	HOUSTON	TX	77027-9751
415	METHODIST HOSPITAL	7550 GREENBRIAR ST RB5-124	HOUSTON	TX	77030-
416	STEWART & STEVENSON LLC C / O ICPG ATTN	PO BOX 2968	HOUSTON	TX	77252-2968
417	PHELPS WILLIAM & KATHERINE	3458 INWOOD DR	HOUSTON	TX	77019-3130
418	CRUZ ROMUALDO F	2911 LUELL ST	HOUSTON	TX	77093-
419	BLACKWELL PLASTICS LP	5606 CAVANAUGH ST	HOUSTON	TX	77021-3802
420	UNITED STATES DEPARTMENT VETERANS HEALTH ADMINISTRATION	810 VERMONT AVE NW	WASHINGTON	DC	20420-0001
421	NGUYEN JOHNSON VAN	8802 MANUS ST	HOUSTON	TX	77093-7741
422	ST JOHN'S SCHOOL	2401 CLAREMONT LN	HOUSTON	TX	77019-5811
425	TEXAS MEDICAL CENTER % GENERAL COUN	2450 HOLCOMBE BLVD STE 1	HOUSTON	TX	77021-2040
426	SHUR JULIA	3413 PIPING ROCK LN	HOUSTON	TX	77027-4112

GeoSearch

On time. On target. In touch.™

5 Mile Municipal Setting Designation (MSD) Report

Target Property:

Vacant Commercial Property
1702 Nance St
Houston, Harris County, Texas 77020

Prepared For:

InControl Technologies

Order #: 160112
Job #: 393286
Project #: E20011-101-T6
Date: 02/08/2021

phone: 888-396-0042 · fax: 512-472-9967 · www.geo-search.com

TARGET PROPERTY SUMMARY

Vacant Commercial Property
1702 Nance St
Houston, Harris County, Texas 77020

USGS Quadrangle: ***Settegast, TX***
Target Property Geometry: ***Area***

Target Property Longitude(s)/Latitude(s):
(-95.350671, 29.768524), (-95.350695, 29.768247), (-95.350837, 29.768245), (-95.350843, 29.768526), (-95.351170, 29.768524), (-95.351159, 29.767651), (-95.350851, 29.767653), (-95.350852, 29.767703), (-95.350703, 29.767705), (-95.350649, 29.768203), (-95.350625, 29.768519), (-95.350671, 29.768524)

County/Parish Covered:
Harris (TX)

Zipcode(s) Covered:
Houston TX: 77002, 77003, 77004, 77005, 77006, 77007, 77008, 77009, 77010, 77011, 77012, 77013, 77016, 77018, 77019, 77020, 77021, 77022, 77023, 77024, 77026, 77027, 77028, 77029, 77030, 77054, 77087, 77093, 77098, 77204

State(s) Covered:
TX

Disclaimer - The information provided in this report was obtained from a variety of public sources. GeoSearch cannot ensure and makes no warranty or representation as to the accuracy, reliability, quality, errors occurring from data conversion or the customer's interpretation of this report. This report was made by GeoSearch for exclusive use by its clients only. Therefore, this report may not contain sufficient information for other purposes or parties. GeoSearch and its partners, employees, officers and independent contractors cannot be held liable for actual, incidental, consequential, special or exemplary damages suffered by a customer resulting directly or indirectly from any information provided by GeoSearch.

DATABASE FINDINGS SUMMARY

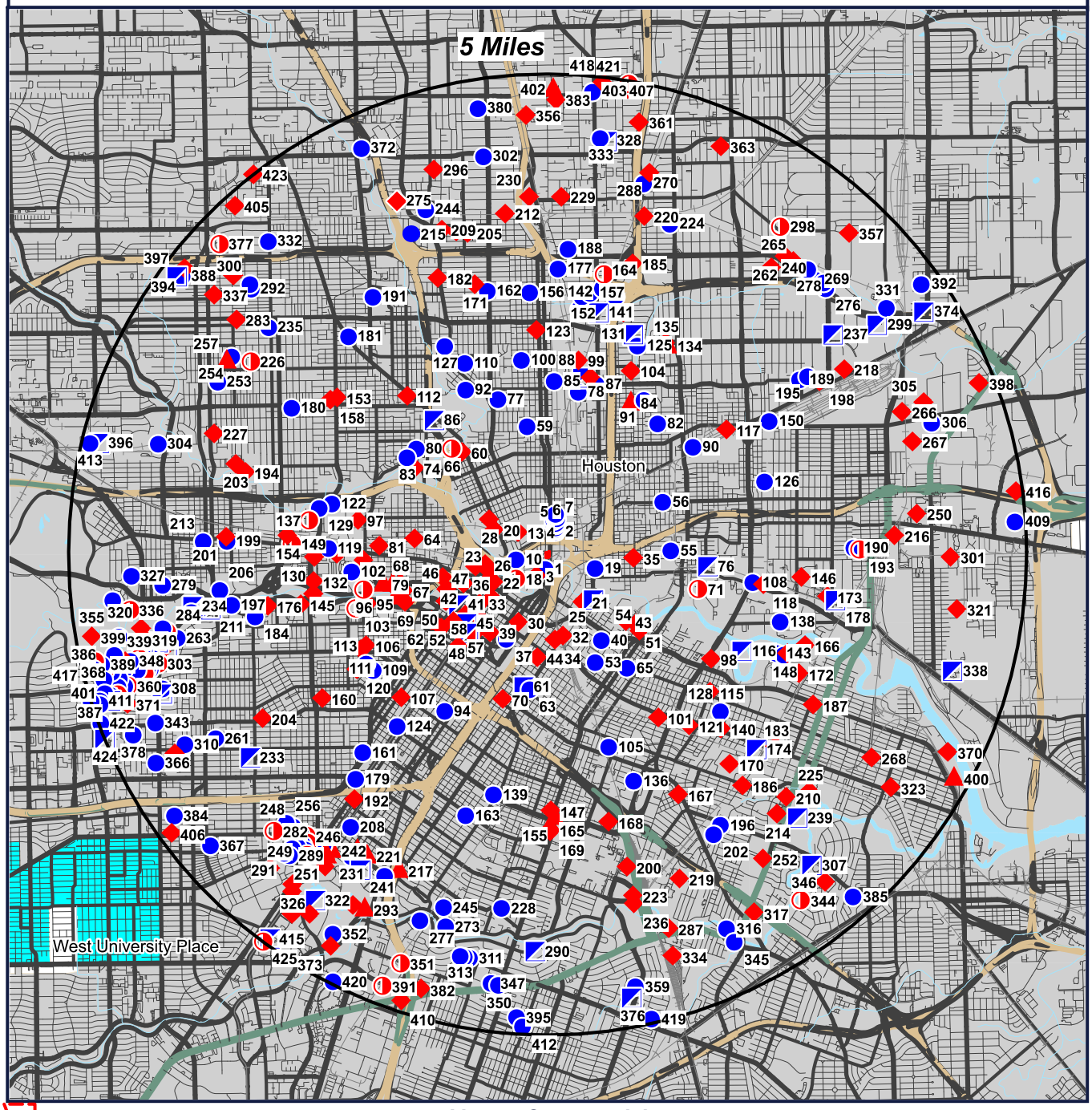
DATABASE	ACRONYM	LOCA-TABLE	UNLOCA-TABLE	SEARCH RADIUS (miles)
FEDERAL				
UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM	NWIS	53	0	5.0000
SUB-TOTAL		**53**	**0**	
STATE (TX)				
SELECT SUBMITTED DRILLERS REPORT DATABASE WELLS	SSDRD	39	0	5.0000
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS	TCEQ	224	0	5.0000
TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE	TWDB	252	0	5.0000
WATER UTILITY DATABASE	WUD	67	0	5.0000
SUB-TOTAL		**582**	**0**	
LOCAL				
HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS	HGSD	153	0	5.0000
SUB-TOTAL		**153**	**0**	
TOTAL		**788**	**0**	

LOCATABLE DATABASE FINDINGS

ACRONYM	SEARCH RADIUS (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
FEDERAL								
NWIS	5.000	0	1	0	0	2	50	53
SUB-TOTAL		**0**	**1**	**0**	**0**	**2**	**50**	**53**
STATE (TX)								
SSDRD	5.000	0	0	0	1	0	38	39
TCEQ	5.000	0	1	7	23	1	192	224
TWDB	5.000	0	1	3	1	20	227	252
WUD	5.000	0	0	0	0	3	64	67
SUB-TOTAL		**0**	**2**	**10**	**25**	**24**	**521**	**582**
LOCAL								
HGSD	5.000	0	2	2	3	4	142	153
SUB-TOTAL		**0**	**2**	**2**	**3**	**4**	**142**	**153**
TOTAL		**0**	**5**	**12**	**28**	**30**	**713**	**788**

NOTES:
NS = NOT SEARCHED
TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

5 MILE MUNICIPAL SETTING DESIGNATION (MSD) SITE MAP



Target Property (TP)
TCEQ
TWDB
SSDRD
WUD
HGSD

Vacant Commercial Property
1702 Nance St
Houston, Texas
77020

N
W E
S

0' 4250' 8500' 12750'
SCALE: 1" = 8500'

GeoSearch www.geo-search.com - phone: 888-396-0042 - fax: 512-472-9967

JOB #: 393286 - 2/8/2021

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
1	HGSD	1807	0.113 S	BUILDERS SUPPLY CO. OF HOUSTON	0 MCKEE ST	HOUSTON, 77020	1
1	TWDB	65-14-767	0.113 S	BUILDERS SUPPLY	0 MCKEE ST	HOUSTON, 77020	2
1	TCEQ	TX199447	0.113 S	BUILDERS SUPPLY	0 MCKEE ST	HOUSTON, 77020	4
1	NWIS	USGS_29455609	0.113 S	LJ-65-14-767	0 MCKEE ST	HOUSTON, 77020	6
1	HGSD	3625	0.113 S	BUILDERS SUPPLY CO. OF HOUSTON	0 MCKEE ST	HOUSTON, 77020	7
2	TCEQ	TX205269	0.214 NNE	GREENFIELD CONSTRUCTION WELL #2	1900 LYONS AVE	HOUSTON, 77020	8
2	TCEQ	TX205270	0.233 NNE	GREENFIELD CONST. WELL #3	0 LYONS AVE	HOUSTON, 77020	11
2	TCEQ	TX205268	0.207 NNE	GREENFIELD CONST. WELL #1	1900 LYONS AVE	HOUSTON, 77020	14
3	HGSD	1181	0.222 SSW	HOUSTON LIGHTING & POWER COMPANY	511 MCKEE ST	HOUSTON, 77002	17
3	TWDB	65-14-704	0.222 SSW	HOUSTON LIGHTING AND POWER CO	511 MCKEE ST	HOUSTON, 77002	18
3	TWDB	65-14-714	0.222 SSW	HOUSTON LIGHTING AND POWER CO	511 MCKEE ST	HOUSTON, 77002	20
3	TWDB	65-14-737	0.222 SSW	HOUSTON LIGHTING AND POWER CO.	511 MCKEE ST	HOUSTON, 77002	22
3	HGSD	1180	0.222 SSW	HOUSTON LIGHTING & POWER COMPANY	511 MCKEE ST	HOUSTON, 77002	24
4	TCEQ	TX205272	0.227 NNE	GREENFIELD CONSTRUCTION WELL #5	1213 MAURY ST	HOUSTON, 77020	25
4	TCEQ	TX205273	0.250 NNE	GREENFIELD CONSTRUCTION WELL #6	0 LYONS AVE	HOUSTON, 77020	28
4	TCEQ	TX205284	0.238 NNE	GREENFIELD CONST. WELL #17	1213 MAURY ST	HOUSTON, 77020	31
4	TCEQ	TX205285	0.248 NNE	GREENFIELD CONST. WELL #18	1213 MAURY ST	HOUSTON, 77020	34
4	TCEQ	TX205271	0.244 NNE	GREENFIELD CONST. WELL #4	0 LYONS AVE	HOUSTON, 77020	37
5	TCEQ	TX205274	0.256 NNE	GREENFIELD CONSTRUCTION WELL #7	1216 MAURY ST	HOUSTON, 77020	40
6	TCEQ	TX205286	0.274 NNE	GREENFIELD CONST. WELL #19	1213 MAURY ST	HOUSTON, 77020	43
6	TCEQ	TX205275	0.272 NNE	GREENFIELD CONSTRUCTION WELL #8	1216 MAURY ST	HOUSTON, 77020	46
7	TCEQ	TX205276	0.300 NNE	GREENFIELD CONSTRUCTION WELL#9	1302 MAURY ST	HOUSTON, 77020	49

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
8	TCEQ	TX205287	0.300 N	GREENFIELD CONST. WELL #20	1302 MAURY ST	HOUSTON, 77020	52
9	TCEQ	TX205288	0.322 N	GREENFIELD CONST. WELL #21	0 R R PROPERTY	HOUSTON, 77020	55
9	TCEQ	TX205277	0.316 NNE	GREENFIELD CONSTRUCTION WELL #10	1302 MAURY ST	HOUSTON, 77020	58
10	TCEQ	TX200312	0.316 W	HYDRAULIC EQUIPMENT SERV	0 N SAN JACINTO	HOUSTON, 77002	61
10	HGSD	7262	0.316 W	HYDRAULIC EQUIPMENT SERVICE, INC.	0 N SAN JACINTO	HOUSTON, 77002	64
11	TCEQ	TX205290	0.342 N	GREENFIELD CONST. WELL #24	0 R R PROPERTY	HOUSTON, 77020	65
11	TCEQ	TX205291	0.342 N	GREENFIELD CONST. WELL #25	0 R R PROPERTY	HOUSTON, 77020	68
11	TCEQ	TX205289	0.342 N	GREENFIELD CONST. WELL #23	0 R R PROPERTY	HOUSTON, 77020	71
12	TCEQ	TX205292	0.363 N	GREENFIELD CONST. WELL #26	1423 MAURY ST	HOUSTON, 77026	74
12	TCEQ	TX205281	0.364 NNE	GREENFIELD CONSTRUCTION WELL #14	2102 BROOKS ST	HOUSTON, 77026	77
13	TWDB	65-14-711	0.356 WNW	SOUTHERN PACIFIC RAILROAD, WELL#3	0 N MAIN ST	HOUSTON, 77002	80
14	TCEQ	TX205280	0.366 NNE	GREENFIELD CONSTRUCTION WEL #13	2102 BROOKS ST	HOUSTON, 77026	82
14	TCEQ	TX205282	0.375 NNE	GREENFIELD CONSTRUCTION WELL #15	2102 BROOKS ST	HOUSTON, 77026	85
14	TCEQ	TX205283	0.386 NNE	GREENFIELD CONST WELL #16	2102 BROOKS ST	HOUSTON, 77026	88
14	TCEQ	TX205293	0.374 N	GREENFIELD CONST. WELL #27	1423 MAURY ST	HOUSTON, 77026	91
14	TCEQ	TX205278	0.367 NNE	GREENFIELD CONSTRUCTION WELL #11	2102 BROOKS ST	HOUSTON, 77026	94
15	TCEQ	TX205279	0.367 NNE	GREENFIELD CONSTRUCTION WELL #12	2102 BROOKS ST	HOUSTON, 77026	97
16	TCEQ	TX205294	0.398 N	GREENFIELD CONST. WELL #28	2102 BROOKS ST	HOUSTON, 77026	100
17	TCEQ	TX205295	0.409 N	GREENFIELD CONST. WELL #29	2102 BROOKS ST	HOUSTON, 77026	103
18	SSDRD	TX273565	0.387 WSW	HARRIS COUNTY	700 N SAN JACINTO ST	HOUSTON, 77002	106
18	HGSD	11658	0.387 WSW		700 N SAN JACINTO ST	HOUSTON, 77002	107

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
19	TCEQ	TX208785	0.496 E	SWANN ICE CO	0 JENSEN DR	HOUSTON, 77020	108
19	HGSD	2265	0.496 E	SWANN ICE SERVICE, INC., C. H.	0 JENSEN DR	HOUSTON, 77020	110
20	TWDB	65-14-733	0.589 WNW	MISSOURI, KANSAS AND TEXAS RAILROAD	0 N MAIN ST	HOUSTON, 77009	111
21	TWDB	65-14-754	0.591 SE	ZERO ICE CO.	333 RUNNELS ST	HOUSTON, 77003	113
22	WUD	2602655732	0.598 WSW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	115
22	TWDB	65-14-747	0.612 WSW	CITY OF HOUSTON CENTRAL	915 FRANKLIN ST	HOUSTON, 77002	116
23	WUD	3573514010	0.616 WSW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	119
24	TWDB	65-14-748	0.628 W	CITY OF HOUSTON CENTRAL	308 WASHINGTON AVE	HOUSTON, 77002	120
25	HGSD	2843	0.641 SE	HOUSTON SHELL & CONCRETE	400 JENSEN DR	HOUSTON, 77003	122
26	TWDB	65-14-713	0.646 W	SOUTHLAND	0 EAST FWY	HOUSTON, 77002	123
26	HGSD	1676	0.646 W	SOUTHLAND CORPORATION, THE	0 EAST FWY	HOUSTON, 77002	125
27	WUD	1148875365	0.657 WSW	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	126
27	TWDB	65-14-740	0.649 WSW	SOUTHERN PACIFIC BUILDING	815 FRANKLIN ST	HOUSTON, 77002	127
28	TWDB	65-14-716	0.684 WNW	SUNSHINE LAUNDRY	1600 KEENE ST	HOUSTON, 77009	129
29	TWDB	65-14-751	0.713 WSW	T.J. BETTIS BUILDING	1001 PRESTON ST	HOUSTON, 77002	131
30	TWDB	65-14-750	0.744 SSW	BURKHART LAUNDRY	1600 PRESTON ST	HOUSTON, 77002	133
31	TWDB	65-14-726	0.748 W	HOUSTON ICE AND COLD STORAGE CO.	401 FRANKLIN ST	HOUSTON, 77002	135
31	TWDB	65-14-715	0.749 W	HOUSTON ICE AND COLD STORAGE	401 FRANKLIN ST	HOUSTON, 77002	137
32	TWDB	65-14-730	0.843 SSE	MISSOURI PACIFIC LINES	0 PRIVATE STREETS	HOUSTON, 77003	139
33	TWDB	65-14-728	0.852 WSW	RICE HOTEL	909 TEXAS AVE	HOUSTON, 77002	141
33	TWDB	65-14-729	0.851 WSW	RICE HOTEL	909 TEXAS AVE	HOUSTON, 77002	143
34	TWDB	65-14-753	0.874 S	GOULD WET WASH LAUNDRY	2300 CONGRESS ST	HOUSTON, 77003	145
35	HGSD	1952	0.887 E	NATIONAL VINEGAR COMPANY	601 GREGG ST	HOUSTON, 77020	147
35	TWDB	65-14-732	0.887 E	NATIONAL VINEGAR CO	601 GREGG ST	HOUSTON, 77020	148
35	TWDB	65-14-734	0.887 E	NATIONAL VINEGAR CO	601 GREGG ST	HOUSTON, 77020	150

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
35	NWIS	USGS_29460209	0.887 E	LJ-65-14-734	601 GREGG ST	HOUSTON, 77020	152
35	NWIS	USGS_29460209	0.887 E	LJ-65-14-732	601 GREGG ST	HOUSTON, 77020	153
35	HGSD	1951	0.887 E	NATIONAL VINEGAR COMPANY	601 GREGG ST	HOUSTON, 77020	154
36	TWDB	65-14-725	0.911 WSW	MODEL LAUNDRY	501 TEXAS ST	HOUSTON, 77002	155
37	TCEQ	TX168421	0.944 SSW	JACK PHILPOT	1603 RUSK ST	HOUSTON, 77002	157
38	TWDB	65-14-744	0.951 SW	KRESS BUILDING	711 MAIN ST	HOUSTON, 77002	159
39	TWDB	65-14-743	0.986 SW	AMBASSADOR APARTMENTS	1320 RUSK ST	HOUSTON, 77010	162
40	TCEQ	TX199550	1.022 SE	FELIX MORALES	2901 CANAL ST	HOUSTON, 77003	164
41	HGSD	4266	1.035 WSW	HINES CONSOLIDATED INVESTMENTS	700 LOUISIANA ST	HOUSTON, 77002	166
41	HGSD	4265	1.035 WSW	HINES CONSOLIDATED INVESTMENTS	700 LOUISIANA ST	HOUSTON, 77002	167
42	TWDB	65-14-736	1.045 WSW	NIELS ESPERSON BLDG.	808 TRAVIS ST	HOUSTON, 77002	168
43	TWDB	65-14-762	1.054 SE	LEAD PRODUCTS CO.	709 N VELASCO ST	HOUSTON, 77003	170
44	TWDB	65-14-760	1.061 S	COCA COLA BOTTLING CO.	2200 TEXAS ST	HOUSTON, 77003	172
45	HGSD	2637	1.073 SW	TISHMAN MANAGEMENT OF HOUSTON	914 MAIN ST	HOUSTON, 77002	174
46	TWDB	65-14-765	1.097 WSW	INEEDA LAUNDRY	0 CAPITOL	HOUSTON, 77002	175
47	TWDB	65-14-707	1.107 W	CITY OF HOUSTON CENTRAL	33 ARTESIAN PL	HOUSTON, 77002	177
47	NWIS	USGS_29455109	1.107 W	LJ-65-14-707	33 ARTESIAN PL	HOUSTON, 77002	184
47	HGSD	1019	1.107 W	HOUSTON, CITY OF	33 ARTESIAN PL	HOUSTON, 77002	185
48	TWDB	65-14-721	1.121 SW	COMMERCE BUILDING	1001 FANNIN ST	HOUSTON, 77002	186
49	HGSD	3624	1.128 SW	FIRST CITY NATIONAL BANK	1021 MAIN ST	HOUSTON, 77002	189
50	TWDB	65-14-720	1.150 WSW	RICE HOTEL LAUNDRY	801 SMITH ST	HOUSTON, 77002	190
51	TWDB	65-14-756	1.152 SE	HOUSTON PACKING CO. WELL #3	3401 NAVIGATION BLVD	HOUSTON, 77003	192
51	TWDB	65-14-755	1.152 SE	HOUSTON PACKING CO	3401 NAVIGATION BLVD	HOUSTON, 77003	194
51	TWDB	65-14-758	1.152 SE	HOUSTON PACKING CO. WELL #4	3401 NAVIGATION BLVD	HOUSTON, 77003	196
52	TWDB	65-14-719	1.183 WSW	OIL & GAS BUILDING	1001 LOUISIANA ST	HOUSTON, 77002	198
52	HGSD	4590	1.183 WSW	KINDER MORGAN	1001 LOUISIANA ST	HOUSTON, 77002	200

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
53	TCEQ	TX205558	1.195 SSE	KENT WONG	0 PAIGE ST	HOUSTON, 77003	201
54	TWDB	65-14-705	1.227 SE	TRINITY PORTLAND CEMENT CO.	3405 NAVIGATION BLVD	HOUSTON, 77003	204
54	HGSD	1576	1.227 SE	GENERAL PORTLAND, INC.	3405 NAVIGATION BLVD	HOUSTON, 77003	206
55	TWDB	65-14-823	1.272 E	NATIONAL VINEGAR CO.	0 FRANK TECH DR	HOUSTON, 77020	207
55	TCEQ	TX205301	1.272 E	NATIONAL VINEGAR CO	0 FRANK TECH DR	HOUSTON, 77020	209
55	NWIS	USGS_29460909	1.272 E	LJ-65-14-823	0 FRANK TECH DR	HOUSTON, 77020	212
55	HGSD	4117	1.272 E	NATIONAL VINEGAR COMPANY	0 FRANK TECH DR	HOUSTON, 77020	213
56	TCEQ	TX205298	1.314 ENE	DR. CARROLL	3915 LYONS AVE	HOUSTON, 77020	214
56	TCEQ	TX205300	1.302 ENE	DR. CARROLL	3911 LYONS AVE	HOUSTON, 77020	217
56	TCEQ	TX205258	1.314 ENE	DR. CARROLL	3915 LYONS AVE	HOUSTON, 77020	220
57	TWDB	65-14-717	1.315 SW	MAIN BUILDING CORP.	1315 MAIN ST	HOUSTON, 77002	222
58	TWDB	65-14-763	1.326 WSW	MEMORIAL BAPTIST HOSPITAL	1200 LOUISIANA ST	HOUSTON, 77002	224
59	TCEQ	TX205863	1.337 N	SOUTHWESTERN PLATING CO	1312 HALPERN ST	HOUSTON, 77009	232
60	TWDB	65-14-709	1.360 NW	CRESCENT LAUNDRY	0 KEENE ST	HOUSTON, 77009	235
61	HGSD	5748	1.363 S	HBS WAREHOUSE ASSOCIATES	2315 POLK ST	HOUSTON, 77003	237
62	TWDB	65-14-703	1.373 WSW	PHENIX DAIRY WELL #2	400 DALLAS ST	HOUSTON, 77002	238
63	HGSD	5862	1.381 S	E.J. GROUP LLC	2402 DALLAS ST	HOUSTON, 77003	240
63	TCEQ	TX199448	1.381 S	CALCO OF HOUSTON INC	2402 DALLAS ST	HOUSTON, 77003	241
63	HGSD	5861	1.381 S	E.J. GROUP LLC	2402 DALLAS ST	HOUSTON, 77003	245
64	TWDB	65-14-702	1.384 W	SOUTHERN PACIFIC RAILROAD	1610 DART ST	HOUSTON, 77007	246
64	TWDB	65-14-764	1.384 W	WILLBORG'S LAUNDRY	1610 DART ST	HOUSTON, 77007	248
65	TCEQ	TX205393	1.411 SE	GIFFORD HILL	11 N HUTCHESON ST	HOUSTON, 77003	250
66	SSDRD	TX44920	1.465 NW	GEORGE & LORI RODRIGUEZ	315 EMBRY ST	HOUSTON, 77009	252
67	TWDB	65-13-933	1.535 WSW	CITY OF HOUSTON CENTRAL	ADDRESS NOT LISTED	HOUSTON, 77007	253
67	TWDB	65-13-924	1.535 WSW	CITY OF HOUSTON CENTRAL	ADDRESS NOT LISTED	HOUSTON, 77007	256
67	TWDB	65-13-925	1.535 WSW	CITY OF HOUSTON CENTRAL	ADDRESS NOT LISTED	HOUSTON, 77007	259

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
67	TWDB	65-13-926	1.535 WSW	CITY OF HOUSTON CENTRAL	ADDRESS NOT LISTED	HOUSTON, 77007	262
67	WUD	1191309942	1.535 WSW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	265
67	TWDB	65-13-932	1.535 WSW	CITY OF HOUSTON CENTRAL	ADDRESS NOT LISTED	HOUSTON, 77007	266
68	WUD	3614542300	1.549 W	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	270
69	NWIS	USGS_29453609	1.555 WSW	LJ-65-13-927	0 ALLEN PKY	HOUSTON, 77019	271
69	TWDB	65-13-927	1.555 WSW	CITY OF HOUSTON	0 ALLEN PKY	HOUSTON, 77019	272
70	TWDB	65-22-104	1.560 SSW	SEVEN-UP BOTTLING CO.	2112 LEELAND ST	HOUSTON, 77003	275
71	SSDRD	TX257810	1.599 E	JIM OHMART	125 EMILE ST	HOUSTON, 77020	277
72	TWDB	65-13-905	1.620 W	CITY OF HOUSTON CENTRAL 21	0 MEMORIAL DR	HOUSTON, 77007	278
72	WUD	492865823	1.620 W	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	295
72	NWIS	USGS_29454509	1.620 W	LJ-65-13-905	0 MEMORIAL DR	HOUSTON, 77007	296
72	HGSD	1022	1.620 W	HOUSTON, CITY OF	0 MEMORIAL DR	HOUSTON, 77007	297
73	WUD	512874493	1.630 WSW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	298
74	TWDB	65-14-768	1.630 WNW	BEAUCHAMPS SPRINGS	0 WHITE OAK DR	HOUSTON, 77009	299
75	WUD	3833150346	1.634 W	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	301
76	HGSD	1718	1.669 E	COMET RICE MILLS, INC.	414 SCHWEIKHARDT ST	HOUSTON, 77020	302
77	TCEQ	TX205317	1.683 NNW	C.C. KERN	3406 MOORE ST	HOUSTON, 77009	303
78	TCEQ	TX205261	1.710 NNE	OLDS PRESS AND FORGE	3315 CARR ST	HOUSTON, 77026	305
78	TCEQ	TX205380	1.710 NNE	OLD PRESS & FORGE	3315 CARR ST	HOUSTON, 77026	308
78	TWDB	65-14-438	1.710 NNE	OLDS PRESS & FORGE CO.	3315 CARR ST	HOUSTON, 77026	310
79	WUD	1095254697	1.733 W	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	312
80	TCEQ	TX205401	1.741 NW	RAY AIRE OF HOUSTON	2810 BEAUCHAMP ST	HOUSTON, 77009	313
81	NWIS	USGS_29460709	1.747 W	LJ-65-13-941	2122 CENTER ST	HOUSTON, 77007	317
81	TWDB	65-13-941	1.747 W	GENERAL DYNAMICS	2122 CENTER ST	HOUSTON, 77007	318
82	TCEQ	TX205323	1.765 NE	CAROL HARBOR	3902 WYLIE ST	HOUSTON, 77026	320
83	TCEQ	TX205397	1.765 WNW	RAY AIRE OF HOUSTON	2710 N SABINE ST	HOUSTON, 77009	323
84	WUD	317067665	1.778 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	327
85	TCEQ	TX205395	1.796 N	HOUSTON INTERNATIONAL TELEPORT, INC	1801 COLLINGSWORTH ST	HOUSTON, 77009	328

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
86	HGSD	2715	1.813 NW	GARZA, JULIO	3401 N MAIN ST	HOUSTON, 77009	330
87	TCEQ	TX205394	1.829 NNE	M & N WELL SERVICE	3501 JENSEN DR	HOUSTON, 77026	331
88	HGSD	2910	1.864 NNE	CROZIER-NELSON CHEM. & CONST.	2505 COLLINGSWORTH ST	HOUSTON, 77026	333
89	TWDB	65-14-407	1.866 NNE	HUNT-WESSON FOODS, INC WELL #3	3506 CHERRY ST	HOUSTON, 77026	334
89	TWDB	65-14-425	1.868 NNE	HUNT-WESSON FOODS, INC	3506 CHERRY ST	HOUSTON, 77026	338
89	TWDB	65-14-408	1.867 NNE	HUNT-WESSON FOODS, INC WELL #4	3506 CHERRY ST	HOUSTON, 77026	340
90	TCEQ	TX181648	1.868 ENE	GEORGE FERGUSON	4420 QUITMAN ST	HOUSTON, 77026	342
91	TWDB	65-14-738	1.879 NE	HARRIS-GALVESTON SUBSIDENCE DISTRICT	3400 LINN ST	HOUSTON, 77026	344
91	TWDB	65-14-742	1.879 NE	HARRIS-GALVESTON COAST SUBSIDENCE DIST.,N.E.	3400 LINN ST	HOUSTON, 77026	347
91	TWDB	65-14-745	1.879 NE	HARRIS-GALVESTON COAST SUBSIDENCE DIST.,N.E.	3400 LINN ST	HOUSTON, 77026	350
91	TWDB	65-14-746	1.879 NE	HARRIS-GALVESTON COAST SUBSIDENCE DIST.,N.E.	3400 LINN ST	HOUSTON, 77026	356
91	TWDB	65-14-759	1.879 NE	CITY OF HOUSTON NORTHEAST #2	3400 LINN ST	HOUSTON, 77026	360
91	TWDB	65-14-727	1.879 NE	CITY OF HOUSTON NORTHEAST	3400 LINN ST	HOUSTON, 77026	364
91	WUD	3391440784	1.879 NE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	367
91	TCEQ	TX205388	1.879 NE	HARRIS-GALVESTON SUBSIDENCE DISTRICT	3400 LINN ST	HOUSTON, 77026	368
91	TCEQ	TX205389	1.879 NE	HARRIS-GALVESTON SUBSIDENCE DISTRICT	3400 LINN ST	HOUSTON, 77026	374
91	NWIS	USGS_29472809	1.879 NE	LJ-65-14-738 (NORTHEAST PIEZOMETER NO. 4)	3400 LINN ST	HOUSTON, 77026	377
91	NWIS	USGS_29472809	1.879 NE	LJ-65-14-759	3400 LINN ST	HOUSTON, 77026	378
91	NWIS	USGS_29472809	1.879 NE	LJ-65-14-735	3400 LINN ST	HOUSTON, 77026	379
91	NWIS	USGS_29472809	1.879 NE	LJ-65-14-742	3400 LINN ST	HOUSTON, 77026	380
91	NWIS	USGS_29472809	1.879 NE	LJ-65-14-745	3400 LINN ST	HOUSTON, 77026	381
91	NWIS	USGS_29472809	1.879 NE	LJ-65-14-746 EXTENSOMETER	3400 LINN ST	HOUSTON, 77026	382
91	TWDB	65-14-735	1.879 NE	HARRIS-GALVESTON COAST SUBSIDENCE DIST.,N.E.	3400 LINN ST	HOUSTON, 77026	383

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
92	TCEQ	TX205391	1.903 NNW	METAL ENTERPRISES, INC	3803 FULTON ST	HOUSTON, 77009	386
93	TWDB	65-13-904	1.914 W	CITY OF HOUSTON (CENTRAL #20)	901 SAWYER ST	HOUSTON, 77007	389
93	WUD	513085864	1.914 W	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	406
93	NWIS	USGS_29460109	1.914 W	LJ-65-13-904	901 SAWYER ST	HOUSTON, 77007	407
93	HGSD	1021	1.914 W	HOUSTON, CITY OF	901 SAWYER ST	HOUSTON, 77007	408
94	TCEQ	TX212654	1.920 SW	U.S. GEOLOGICAL SURVEY WELL #1	2320 LA BRANCH ST	HOUSTON, 77004	409
95	TWDB	65-13-903	1.936 WSW	CITY OF HOUSTON CENTRAL	0 ALLEN PKWY	HOUSTON, 77019	412
95	WUD	3485831175	1.936 WSW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	419
95	NWIS	USGS_29453709	1.936 WSW	LJ-65-13-903	0 ALLEN PKWY	HOUSTON, 77019	420
95	HGSD	1020	1.936 WSW	HOUSTON, CITY OF	0 ALLEN PKWY	HOUSTON, 77019	421
96	SSDRD	TX210899	1.942 W	WILLIAMS BROTHERS	0 MEMORIAL DR	HOUSTON, 77007	422
97	TWDB	65-13-943	1.998 W	COOK PAINT & VARNISH	2429 CROCKETT ST	HOUSTON, 77007	423
97	HGSD	1659	1.998 W	COOK PAINT & VARNISH COMPANY	2429 CROCKETT ST	HOUSTON, 77007	429
98	TWDB	65-14-805	2.006 ESE	WEINGARTEN'S BAKERY	0 LOCKWOOD DR	HOUSTON, 77011	430
98	HGSD	2478	2.006 ESE	WEINGARTEN, INC., J.	0 LOCKWOOD DR	HOUSTON, 77011	432
99	TWDB	65-14-416	2.023 N	STANDARD RENDERING CO.	3603 CHERRY ST	HOUSTON, 77026	433
99	TWDB	65-14-417	2.021 N	STANDARD RENDERING CO.	3603 CHERRY ST	HOUSTON, 77026	435
100	TCEQ	TX205303	2.033 N	KENT WONG	4107 GANO ST	HOUSTON, 77009	437
101	TWDB	65-22-213	2.039 SE	GULF CONCRETE PIPE CO	4516 HARRISBURG BLVD	HOUSTON, 77011	440
102	TCEQ	TX181326	2.043 W	GLENWOOD CEMETERY	2525 WASHINGTON AVE	HOUSTON, 77007	442
102	HGSD	9338	2.043 W		2525 WASHINGTON AVE	HOUSTON, 77007	445
103	SSDRD	TX165739	2.065 WSW	FEDERAL RESERVE BANK OF DALLAS	1801 ALLEN PKY	HOUSTON, 77019	446
103	HGSD	11040	2.065 WSW	FEDERAL RESERVE BANK OF DALLAS	1801 ALLEN PKY	HOUSTON, 77019	447
104	TWDB	65-14-406	2.072 NNE	CITY OF HOUSTON NORTHEAST #3	3156 CRANE ST	HOUSTON, 77026	448
104	WUD	2851594561	2.072 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	456
104	NWIS	USGS_29474509	2.072 NNE	LJ-65-14-406	3156 CRANE ST	HOUSTON, 77026	457
104	HGSD	1084	2.072 NNE	HOUSTON, CITY OF	3156 CRANE ST	HOUSTON, 77026	458

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
105	TCEQ	TX199542	2.073 SSE	CALCO MARKETING SERVICE INC	3988 CLAY ST	HOUSTON, 77023	459
105	HGSD	5789	2.073 SSE	CALCO MARKETING INC.	3988 CLAY ST	HOUSTON, 77023	462
106	TWDB	65-13-931	2.104 WSW	HORLOCK ICE CO.	1520 BAILEY ST	HOUSTON, 77019	463
107	TWDB	65-21-315	2.115 SW	SHEPHERD LAUNDRY	2625 LOUISIANA ST	HOUSTON, 77006	465
108	HGSD	2611	2.150 E	BORDEN, INC. BAMA FOOD PRODUCTS	5501 CLINTON DR	HOUSTON, 77020	467
108	TWDB	65-14-817	2.150 E	THE BAMA CO.	5501 CLINTON DR	HOUSTON, 77020	468
108	TWDB	65-14-803	2.150 E	THE BAMA CO.	5501 CLINTON DR	HOUSTON, 77020	470
108	TCEQ	TX205832	2.150 E	BAMA FOOD CO	5501 CLINTON DR	HOUSTON, 77020	472
108	HGSD	2612	2.150 E	BORDEN, INC. BAMA FOOD PRODUCTS	5501 CLINTON DR	HOUSTON, 77020	475
109	TCEQ	TX182199	2.157 WSW	JMG BUILDERS, LTD.	2 OAK CT	HOUSTON, 77006	476
109	HGSD	6700	2.157 WSW	OAKWOOD APARTMENT MANAGEMENT	2 OAK CT	HOUSTON, 77006	478
110	TCEQ	TX205312	2.159 NNW	HENRY BAKER	4106 BEGGS ST	HOUSTON, 77009	479
111	TWDB	65-13-928	2.170 WSW	PUBLIC LAUNDRIES	224 W GRAY ST	HOUSTON, 77019	482
112	TWDB	65-13-947	2.180 NW	BEAUCHAMPS SPRINGS	400 W COTTAGE ST	HOUSTON, 77009	484
112	NWIS	USGS_29473109	2.180 NW	LJ-65-13-947	400 W COTTAGE ST	HOUSTON, 77009	486
112	HGSD	1788	2.180 NW	LAMAR HOTEL	400 W COTTAGE ST	HOUSTON, 77009	487
113	HGSD	2130	2.184 WSW	SPARKLE ICE COMPANY	1501 W WEBSTER ST	HOUSTON, 77006	488
113	TWDB	65-13-946	2.185 WSW	SPARKLE ICE CO.	1501 W WEBSTER ST	HOUSTON, 77006	489
113	TCEQ	TX205559	2.185 WSW	SPARKLE ICE	1501 W WEBSTER ST	HOUSTON, 77006	492
113	HGSD	2129	2.184 WSW	SPARKLE ICE COMPANY	1501 W WEBSTER ST	HOUSTON, 77006	494
114	TWDB	65-13-918	2.195 W	HENKE AND PILLOT	2735 WASHINGTON AVE	HOUSTON, 77007	495
115	TWDB	65-22-221	2.207 SE	TEXAS ICE AND FUEL CO.	110 N ADAMS ST	HOUSTON, 77011	497
115	TWDB	65-22-220	2.207 SE	TEXAS ICE AND FUEL CO.	110 N ADAMS ST	HOUSTON, 77011	499
116	HGSD	2032	2.247 ESE	PARKER BROTHERS & CO., INC.	0 NAVIGATION BLVD	HOUSTON, 77011	501
117	TWDB	65-14-809	2.249 ENE	SOUTHERN PACIFIC RAILROAD	4910 LIBERTY RD	HOUSTON, 77026	502
118	TWDB	65-14-816	2.263 E	STANDARD ASBESTOS CO.	5523 CLINTON DR	HOUSTON, 77020	504
119	TCEQ	TX184643	2.280 W	M.R. FATHERS	3000 WASHINGTON AVE	HOUSTON, 77007	506
120	TWDB	65-13-930	2.308 WSW	HORLOCK ICE CO.	2006 GENESEE ST	HOUSTON, 77006	509
120	HGSD	1790	2.300 WSW	ADMIRAL LINEN &	105 WILLARD ST	HOUSTON, 77006	511

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
				UNIFORM SERVICE			
121	TWDB	65-22-219	2.303 SE	STANDARD ICE CO.	0 HARRISBURG	HOUSTON, 77011	512
121	TWDB	65-22-218	2.301 SE	STANDARD ICE CO.	0 HARRISBURG	HOUSTON, 77011	514
122	TCEQ	TX205396	2.303 W	NATIONAL BEVERAGE CO	1600 STUDEMONT ST	HOUSTON, 77007	516
123	TWDB	65-14-432	2.313 N	NEWSOM'S TRUCK LINES	1509 FRAWLEY ST	HOUSTON, 77009	519
124	TCEQ	TX214550	2.350 SW	HOUSTON COMMUNITY COLLEGE	3100 MAIN ST	HOUSTON, 77002	521
124	TCEQ	TX214551	2.350 SW	HOUSTON COMMUNITY COLLEGE	3100 MAIN ST	HOUSTON, 77002	523
124	TCEQ	TX214552	2.351 SW	HOUSTON COMMUNITY COLLEGE	3100 MAIN ST	HOUSTON, 77002	525
124	TCEQ	TX214549	2.350 SW	HOUSTON COMMUNITY COLLEGE	3100 MAIN ST	HOUSTON, 77002	527
125	TCEQ	TX205319	2.355 NNE	RAINBO BAKERY	3401 CHICKERING ST	HOUSTON, 77026	529
126	TCEQ	TX205302	2.373 ENE	HOUSTON LIGHTING & POWER	1702 SAKOWITZ ST	HOUSTON, 77020	532
127	TCEQ	TX231040	2.409 NNW	V A BINHGAM	201 CORONADO ST	HOUSTON, 77009	535
127	TCEQ	TX208460	2.409 NNW	MR. V.A. BIGHAM	201 CORONADO ST	HOUSTON, 77009	537
128	TCEQ	TX170153	2.410 SE	EDGEWOOD LITTLE LEAGUE	114 DELMAR ST	HOUSTON, 77011	539
129	TCEQ	TX199632	2.422 W	BRH GARVER	1515 STUDEMONT ST	HOUSTON, 77007	541
130	TWDB	65-13-902	2.431 W	WASHINGTON LAUNDRY	920 STUDEMONT	HOUSTON, 77007	544
131	HGSD	1086	2.450 NNE		3305 COAL ST	HOUSTON, 77026	546
132	TWDB	65-13-921	2.451 W	STANDARD RICE CO.	3131 MEMORIAL CT	HOUSTON, 77007	547
133	TWDB	65-13-944	2.470 W	CITY OF HOUSTON CENTRAL #22	0 ALLEN PKY	HOUSTON, 77019	549
133	WUD	3350488967	2.470 W	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	565
133	NWIS	USGS_29454109	2.470 W	LJ-65-13-944	0 ALLEN PKY	HOUSTON, 77019	566
133	HGSD	1023	2.470 W	HOUSTON, CITY OF	0 ALLEN PKY	HOUSTON, 77019	567
134	WUD	1500149105	2.484 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	568
134	WUD	1534426626	2.484 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	569
135	TWDB	65-14-507	2.493 NNE	CITY OF HOUSTON KASHMERE GARDENS	0 FALLS ST	HOUSTON, 77026	570
135	TWDB	65-14-501	2.493 NNE	CITY OF HOUSTON KASHMERE GARDENS	0 FALLS ST	HOUSTON, 77026	572

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
136	TCEQ	TX199544	2.496 SSE	C.D. THRELKELD	4417 COYLE ST	HOUSTON, 77023	574
137	SSDRD	TX197988	2.504 W	GROCERS SUPPLY	0 COURT ST	HOUSTON, 77007	576
138	TCEQ	TX212784	2.514 ESE	TEXAS INDUSTRIAL PLATING	5713 ARMOUR DR	HOUSTON, 77020	577
138	TWDB	65-14-810	2.513 ESE	TEXAS INDUSTRIAL PLATING	5713 ARMOUR DR	HOUSTON, 77020	579
139	TCEQ	TX205175	2.533 SSW	JUDSON ROBINSON & SONS	2905 ELGIN ST	HOUSTON, 77004	581
140	TWDB	65-22-204	2.548 SE	ABLE SUPPLY CO.	5417 HARRISBURG BLVD	HOUSTON, 77011	583
141	HGSD	2334	2.566 NNE	FREEDMAN BROTHERS PACKING CO.	3906 JENSEN DR	HOUSTON, 77026	585
142	TCEQ	TX205392	2.568 N	C.G. VAUGHN	2525 CAVALCADE ST	HOUSTON, 77026	586
143	TCEQ	TX199549	2.584 ESE	HOUSTON BARGE - SIDE WAREHOUSE	6012 INDUSTRIAL WAY	HOUSTON, 77011	588
143	TWDB	65-14-821	2.584 ESE	HOUSTON BARGE CO.	6012 INDUSTRIAL WAY	HOUSTON, 77011	590
144	TWDB	65-14-405	2.616 NNE	CITY OF HOUSTON	ADDRESS NOT LISTED	HOUSTON, 77026	592
144	WUD	2759768148	2.616 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	598
144	NWIS	USGS_29481509	2.616 NNE	LJ-65-14-405	ADDRESS NOT LISTED	HOUSTON, 77026	599
144	HGSD	1085	2.618 NNE	HOUSTON, CITY OF	ADDRESS NOT LISTED	HOUSTON, 77026	600
145	TWDB	65-13-942	2.621 W	AMERICAN GENERAL INS.	2727 ALLEN PKY	HOUSTON, 77019	601
145	HGSD	1670	2.621 W	AMERICAN GENERAL LIFE INS. CO.	2727 ALLEN PKY	HOUSTON, 77019	616
146	TWDB	65-14-807	2.653 E	INDUSTRIAL TOWEL AND UNIFORM CO.	1335 KRESS ST	HOUSTON, 77020	617
146	HGSD	1791	2.653 E	CINTAS CORPORATION	1335 KRESS ST	HOUSTON, 77020	619
147	TWDB	65-22-130	2.659 S	CITY OF HOUSTON SCOTT STREET #7	3100 SCOTT ST	HOUSTON, 77004	620
147	TWDB	65-22-106	2.659 S	CITY OF HOUSTON SCOTT ST. #5	3100 SCOTT ST	HOUSTON, 77004	636
147	TWDB	65-22-118	2.659 S	CITY OF HOUSTON SCOTT STREET #2	3100 SCOTT ST	HOUSTON, 77004	639
147	TWDB	65-22-119	2.659 S	CITY OF HOUSTON SCOTT STREET #1	3100 SCOTT ST	HOUSTON, 77004	641
147	WUD	1474659272	2.659 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	643
147	WUD	1465832970	2.659 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	644
147	WUD	2236941801	2.659 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	645
147	NWIS	USGS_29434309	2.659 S	LJ-65-22-130	3100 SCOTT ST	HOUSTON, 77004	646
147	HGSD	1096	2.659 S	HOUSTON, CITY OF	3100 SCOTT ST	HOUSTON, 77004	647

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
148	TCEQ	TX205386	2.661 ESE	GULF COAST CEMENT COMPANY	6125 INDUSTRIAL WAY	HOUSTON, 77011	648
148	TWDB	65-14-818	2.661 ESE	GULF COAST CEMENT CO. WELL #1	6125 INDUSTRIAL WAY	HOUSTON, 77011	655
149	SSDRD	TX413947	2.663 W	CARWASH PARTNERS INC	3522 WASHINGTON AVE	HOUSTON, 77007	657
149	HGSD	13397	2.663 W	MISTER CAR WASH	3522 WASHINGTON AVE	HOUSTON, 77007	658
150	HGSD	1967	2.683 ENE	SOUTHERN PACIFIC TRANS. CO.	7000 LIBERTY RD	HOUSTON, 77020	659
150	TWDB	65-14-801	2.683 ENE	SOUGHERN PACIFIC RAILROAD	7000 LIBERTY RD	HOUSTON, 77020	660
150	TWDB	65-14-802	2.683 ENE	SOUTHERN PACIFIC RAILROAD	7000 LIBERTY RD	HOUSTON, 77020	662
150	TWDB	65-14-814	2.683 ENE	SOUTHEN PACIFIC RAILROAD	7000 LIBERTY RD	HOUSTON, 77020	664
150	TCEQ	TX205382	2.683 ENE	SOUTHERN PACIFIC TRANSPORTATION CO	7000 LIBERTY RD	HOUSTON, 77020	666
150	TCEQ	TX205383	2.683 ENE	SOUTHERN PACIFIC TRANSPORTATION CO	7000 LIBERTY RD	HOUSTON, 77020	669
150	HGSD	1968	2.683 ENE	SOUTHERN PACIFIC TRANS. CO.	7000 LIBERTY RD	HOUSTON, 77020	673
151	TWDB	65-14-804	2.701 ESE	MCDONOUGH CEMENT CO.	6200 INDUSTRIAL WAY	HOUSTON, 77011	674
152	TCEQ	TX205322	2.704 N	DR. T.V TRAN	5122 CHERRY ST	HOUSTON, 77026	676
153	TWDB	65-13-621	2.713 WNW	GLOBE LAUNDRY AND CLEANERS	1137 KEY ST	HOUSTON, 77009	679
153	HGSD	2169	2.714 WNW	HARDING, GEORGE F.	1137 KEY ST	HOUSTON, 77009	681
154	TWDB	65-13-916	2.715 W	HORLOCK ICE.CO.	0 HARVARD	HOUSTON, 77007	682
155	WUD	2068259454	2.721 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	685
156	TCEQ	TX205318	2.730 N	MRS. DORIS ADAMS	5302 CHAPMAN ST	HOUSTON, 77009	686
157	TCEQ	TX199441	2.753 N	BIG STATE FREIGHT	5215 JENSEN DR	HOUSTON, 77026	689
158	TWDB	65-13-909	2.759 WNW	CREAMIX CORP.	726 E 11TH 1/2 ST	HOUSTON, 77008	691
159	TCEQ	TX205306	2.769 NNE	LOLA HOLT	5016 NECHES ST	HOUSTON, 77026	693
160	TWDB	65-21-334	2.773 WSW	BABA YEGA RESTURANT	2607 GRANT ST	HOUSTON, 77006	695
160	NWIS	USGS_29444709	2.773 WSW	LJ-65-21-334	2607 GRANT ST	HOUSTON, 77006	697
160	SSDRD	TX6306	2.773 WSW	BABA YEGA RESTURANT	2607 GRANT ST	HOUSTON, 77006	698
160	HGSD	9086	2.773 WSW		2607 GRANT ST	HOUSTON, 77006	699

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
161	TCEQ	TX205263	2.796 SW	WILLIAMS BROTHERS WELL #4	3800 MILAM ST	HOUSTON, 77006	700
161	TCEQ	TX205264	2.796 SW	WILLIAMS BROTHERS WELL #3	3800 MILAM ST	HOUSTON, 77006	702
161	TCEQ	TX205265	2.796 SW	WILLIAMS BROTHERS WELL #5	3800 MILAM ST	HOUSTON, 77006	704
161	TCEQ	TX205267	2.796 SW	WILLIAMS BROTHERS WELL #6	3800 MILAM ST	HOUSTON, 77006	706
161	TCEQ	TX205266	2.796 SW	WILLIAMS BROTHERS WELL #10	3800 MILAM ST	HOUSTON, 77006	709
162	TCEQ	TX205305	2.808 NNW	TOM LANG	5305 IRVINGTON BLVD	HOUSTON, 77009	711
163	TCEQ	TX204953	2.819 SSW	BRH GARVER - J HOLLAND	2700 ALABAMA ST	HOUSTON, 77004	713
164	HGSD	3993	2.823 NNE	GOODWILL INDUSTRIES OF HOUSTON	5200 JENSEN DR	HOUSTON, 77026	715
164	TWDB	65-14-440	2.822 NNE	GOODWILL INDUSTRIES	5200 JENSEN DR	HOUSTON, 77026	716
164	TWDB	65-14-431	2.821 NNE	GOODWILL INDUSTRIES #3	5200 JENSEN DR	HOUSTON, 77026	718
164	TCEQ	TX205385	2.823 NNE	GOODWILL INDUSTRIES	5200 JENSEN DR	HOUSTON, 77026	720
164	NWIS	USGS_29482909	2.822 NNE	LJ-65-14-440	5200 JENSEN DR	HOUSTON, 77026	726
164	HGSD	2270	2.823 NNE	GOODWILL INDUSTRIES OF HOUSTON	5200 JENSEN DR	HOUSTON, 77026	727
165	TWDB	65-22-120	2.835 S	CITY OF HOUSTON SCOTT STREET #3	3346 SCOTT ST	HOUSTON, 77004	728
165	WUD	2133745824	2.835 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	731
165	WUD	4153460406	2.855 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	732
165	TWDB	65-22-121	2.855 S	CITY OF HOUSTON SCOTT STREET #4	3348 SCOTT ST	HOUSTON, 77004	733
166	TWDB	65-14-811	2.838 ESE	HOUSTON ELECTRIC CO.	6203 INDUSTRIAL WAY	HOUSTON, 77011	736
166	HGSD	1688	2.838 ESE	PETROLEUM COKE GRINDING INC.	6203 INDUSTRIAL WAY	HOUSTON, 77011	738
167	TWDB	65-22-223	2.838 SSE	HYGEIA ICE CO.	0 TELEPHONE RD	HOUSTON, 77023	739
168	HGSD	3458	2.847 SSE	UNIVERSITY OF HOUSTON	4211 ELGIN ST	HOUSTON, 77004	741
168	TWDB	65-22-102	2.847 SSE	UNIVERSITY OF HOUSTON	4211 ELGIN ST	HOUSTON, 77004	742
168	HGSD	1687	2.847 SSE	UNIVERSITY OF HOUSTON	4211 ELGIN ST	HOUSTON, 77004	744
169	TWDB	65-22-103	2.874 S	CITY OF HOUSTON	3356 SCOTT ST	HOUSTON, 77004	745
169	WUD	3189453145	2.874 S	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	761
169	NWIS	USGS_29433409	2.874 S	LJ-65-22-103	3356 SCOTT ST	HOUSTON, 77004	762
169	HGSD	1095	2.874 S	HOUSTON, CITY OF	3356 SCOTT ST	HOUSTON, 77004	763

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
170	HGSD	1978	2.879 SE	HUGHES TOOL COMPANY	5425 POLK ST	HOUSTON, 77023	764
170	TWDB	65-22-203	2.880 SE	HUGHES TOOL CO.	5425 POLK ST	HOUSTON, 77023	765
170	TWDB	65-22-202	2.880 SE	HAMMS BREWING	5425 POLK ST	HOUSTON, 77023	767
170	TWDB	65-22-210	2.879 SE	HUGHES TOOL CO.	5425 POLK ST	HOUSTON, 77023	769
170	TWDB	65-22-211	2.879 SE	HUGHES TOOL CO. #2	5425 POLK ST	HOUSTON, 77023	771
170	TWDB	65-22-212	2.880 SE	HUGHES TOOL CO. #1	5425 POLK ST	HOUSTON, 77023	773
170	HGSD	1977	2.879 SE	HUGHES TOOL COMPANY	5425 POLK ST	HOUSTON, 77023	775
171	TWDB	65-14-415	2.888 NNW	W. E. EMERSON	603 GRACELAND ST	HOUSTON, 77009	776
172	TWDB	65-22-205	2.893 ESE	REED ROLLER BIT CO. WELL 3	6501 NAVIGATION BLVD	HOUSTON, 77011	778
172	HGSD	1709	2.892 ESE	REED HYCALOG, LP	6501 NAVIGATION BLVD	HOUSTON, 77011	780
173	TWDB	65-14-820	2.948 E	RICE HOTEL LAUNDRY	6999 OLD CLINTON RD	HOUSTON, 77020	781
174	HGSD	2128	2.959 SE	SPARKLE ICE COMPANY	0 HARRISBURG BLVD	HOUSTON, 77011	789
175	SSDRD	TX173156	2.960 NNE	B. CHEATHAM	2821 FAIRBANKS ST	HOUSTON, 77026	790
176	TWDB	65-13-906	2.964 W	HARRIS CREAM TOP DAIRY	3231 ALLEN PKY	HOUSTON, 77019	791
177	HGSD	3215	2.975 N	TRUMIX CONCRETE COMPANY	5711 GOLD ST	HOUSTON, 77026	793
177	TWDB	65-14-420	2.975 N	NORTHSIDE READY MIX CONCRETE CO.	5711 GOLD ST	HOUSTON, 77026	794
177	TCEQ	TX212755	2.975 N	NORTH SIDE READY MIX CONCRETE	5711 GOLD ST	HOUSTON, 77026	796
177	HGSD	3214	2.975 N	TRUMIX CONCRETE COMPANY	5711 GOLD ST	HOUSTON, 77026	799
178	HGSD	1990	3.037 E	9W HALO OPCO L.P.	1441 LATHROP ST	HOUSTON, 77020	800
179	TCEQ	TX199514	3.052 SW	DWIGHT PHILLIPS	401 RICHMOND AVE	HOUSTON, 77002	801
180	TCEQ	TX199633	3.065 WNW	11TH STREET WASHATERIA	220 E 11TH ST	HOUSTON, 77008	803
180	HGSD	7591	3.063 WNW	DO, HUNG DANG	220 E 11TH ST	HOUSTON, 77008	806
181	TCEQ	TX206390	3.067 NW	SHIPLEY	5200 N MAIN ST	HOUSTON, 77009	807
182	TWDB	65-14-412	3.071 NNW	CITY OF HOUSTON LINDALE PARK	201 B DANNA LN	HOUSTON, 77009	810
183	TWDB	65-22-222	3.099 SE	TEXAS ICE AND FUEL CO.	6503 HARRISBURG BLVD	HOUSTON, 77011	812
183	TWDB	65-22-225	3.099 SE	TEXAS ICE AND FUEL CO	6503 HARRISBURG BLVD	HOUSTON, 77011	814
184	TCEQ	TX187799	3.110 W	DAVIS BROTHERS CONSTRUCTION	777 DUNLAVY ST	HOUSTON, 77019	816

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
184	HGSD	5459	3.110 W	VILLAS AT RIVER OAKS	777 DUNLAVY ST	HOUSTON, 77019	818
185	WUD	843543329	3.131 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	819
185	NWIS	USGS_29484409	3.131 NNE	LJ-65-14-404	5711 NECHES ST	HOUSTON, 77026	820
185	TWDB	65-14-404	3.131 NNE	CITY OF HOUSTON	5711 NECHES ST	HOUSTON, 77026	821
186	TWDB	65-22-229	3.141 SE	SCHUMACHER CO.	5610 POLK ST	HOUSTON, 77023	825
186	HGSD	2006	3.141 SE	SCHUMACHER COMPANY, INC.	5610 POLK ST	HOUSTON, 77023	827
187	TWDB	65-22-215	3.173 ESE	MARSHALL ICE CO.	6714 NAVIGATION BLVD	HOUSTON, 77011	828
188	TCEQ	TX199438	3.186 N	AM PUMP & WELL	2114 REID ST	HOUSTON, 77026	830
189	TCEQ	TX211693	3.187 ENE	RAYMOND M TURNER	0 COLLINGSWORTH ST	HOUSTON, 77026	833
190	TCEQ	TX205299	3.190 E	JOHN H. HARRISON	7201 TUCK ST	HOUSTON, 77020	836
190	TWDB	65-14-819	3.190 E	JOHN H. HARRISON	7201 TUCK ST	HOUSTON, 77020	838
191	TCEQ	TX205355	3.235 NW	FARMERS MARKET WASHATERIA	2216 AIRLINE DR	HOUSTON, 77009	840
191	HGSD	7590	3.235 NW		2216 AIRLINE DR	HOUSTON, 77009	843
192	TWDB	65-21-305	3.238 SW	DR. ALLALY	4806 FANNIN ST	HOUSTON, 77004	844
193	SSDRD	TX353580	3.249 E	ROBERT SERNA	7226 TUCK ST	HOUSTON, 77020	846
194	TWDB	65-13-912	3.257 WNW	HOUSTON COTTON OIL CO.	600 W 6TH ST	HOUSTON, 77007	847
195	TCEQ	TX222253	3.274 ENE	CORBETT FABRICATING	3838 MAJESTIC ST	HOUSTON, 77026	849
195	TWDB	65-14-517	3.274 ENE	CORBETT FABRICATING CO	3838 MAJESTIC ST	HOUSTON, 77026	851
196	TCEQ	TX181650	3.323 SE	DELUXE CLEANERS	5420 LAWNDALE ST	HOUSTON, 77023	853
197	TCEQ	TX187797	3.331 W	H.L.& P	0 ALLEN PKY	HOUSTON, 77019	855
197	TCEQ	TX187796	3.331 W	H.L.& P	0 ALLEN PKY	HOUSTON, 77019	858
198	TWDB	65-14-508	3.340 ENE	GENERAL METALS CORP.	6519 LIBERTY RD	HOUSTON, 77028	860
198	TWDB	65-14-505	3.341 ENE	GENERAL METALS CORP.	6519 LIBERTY RD	HOUSTON, 77028	862
199	TCEQ	TX198372	3.345 W	BRH GARVER	4525 WASHINGTON AVE	HOUSTON, 77007	864
200	TWDB	65-22-132	3.347 SSE	BLUE RIBBON PACKING CO	4725 CALHOUN RD	HOUSTON, 77004	866
201	TWDB	65-13-914	3.358 W	CITY OF HOUSTON	4520 WASHINGTON AVE	HOUSTON, 77007	868
201	TWDB	65-13-915	3.358 W	CITY OF HOUSTON	4520 WASHINGTON AVE	HOUSTON, 77007	870
202	TCEQ	TX181633	3.369 SE	LAYNE TEXAS CO	5402 LAWNDALE ST	HOUSTON, 77023	872

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
203	TWDB	65-13-911	3.378 WNW	SWIFT AND CO.	609 WAVERLY ST	HOUSTON, 77007	874
204	TWDB	65-21-312	3.419 WSW	AMERICAN SERVICE CO.	1634 WESTHEIMER RD	HOUSTON, 77006	876
205	TWDB	65-14-428	3.428 NNW	CITY OF HOUSTON LINDALE PARK	515 MELBOURNE ST	HOUSTON, 77022	878
205	TWDB	65-14-435	3.427 NNW	CITY OF HOUSTON LINDALE PARK	503 MELBOURNE ST	HOUSTON, 77022	880
206	TCEQ	TX187821	3.434 W	ST. THOMAS HIGH SCHOOL	4500 MEMORIAL DR	HOUSTON, 77007	882
206	HGSD	5814	3.434 W	ST. THOMAS HIGH SCHOOL	4500 MEMORIAL DR	HOUSTON, 77007	885
207	WUD	2261811890	3.472 NNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	886
207	TWDB	65-14-418	3.472 NNW	CITY OF HOUSTON OAKWOOD	404 KING ST	HOUSTON, 77022	887
208	TCEQ	TX206006	3.478 SW	KYLE SMITH	1220 SOUTHMORE BLVD	HOUSTON, 77004	889
208	TCEQ	TX206007	3.478 SW	KYLE SMITH	1220 SOUTHMORE BLVD	HOUSTON, 77004	891
208	TCEQ	TX206009	3.478 SW	KYLE SMITH	1220 SOUTHMORE BLVD	HOUSTON, 77004	893
208	TCEQ	TX206010	3.478 SW	KYLE SMITH	1220 SOUTHMORE BLVD	HOUSTON, 77004	895
208	TCEQ	TX206011	3.478 SW	KYLE SMITH	1220 SOUTHMORE BLVD	HOUSTON, 77004	897
208	TCEQ	TX206012	3.478 SW	KYLE SMITH	1220 SOUTHMORE BLVD	HOUSTON, 77004	899
208	TCEQ	TX206013	3.478 SW	KYLE SMITH	1220 SOUTHMORE BLVD	HOUSTON, 77004	901
208	TCEQ	TX206014	3.478 SW	KYLE SMITH	1220 SOUTHMORE BLVD	HOUSTON, 77004	903
208	TCEQ	TX206008	3.478 SW	KYLE SMITH	1220 SOUTHMORE BLVD	HOUSTON, 77004	905
209	NWIS	USGS_29490109	3.538 NNW	LJ-65-14-409 (LINDALE PARK)	0 KING ST	HOUSTON, 77022	907
209	TWDB	65-14-409	3.538 NNW	CITY OF HOUSTON LINDALE PARK	0 KING ST	HOUSTON, 77022	908
210	TWDB	65-22-209	3.540 SE	E SIMS	6565 MIRAGLEN ST	HOUSTON, 77023	911
211	HGSD	13807	3.551 W	ROBERTSON, JAMES	2 TIEL WAY	HOUSTON, 77019	913
212	TWDB	65-14-439	3.559 N	GIFFORD HILL	0 IRVINGTON BLVD	HOUSTON, 77022	914
212	HGSD	2017	3.560 N	GIFFORD-HILL & COMPANY, INC.	0 IRVINGTON BLVD	HOUSTON, 77022	917
213	TCEQ	TX199630	3.594 W	MR. PRUITT	4901 WASHINGTON AVE	HOUSTON, 77007	918
213	TWDB	65-13-945	3.594 W	ROBO CAR WASH	4901 WASHINGTON AVE	HOUSTON, 77007	920
214	TWDB	65-22-208	3.603 SE	J BAIER	960 S WAYSIDE DR	HOUSTON, 77023	922
215	TCEQ	TX213288	3.612 NNW	NORTH GATE STATE BANK	6502 ENID ST	HOUSTON, 77022	924
216	NWIS	USGS_29461309	3.619 E	LJ-65-14-912	1220 LABCO RD	HOUSTON, 77029	926

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
216	TWDB	65-14-912	3.619 E	LAYNE BOWLER CO.	1220 LABCO RD	HOUSTON, 77029	927
217	WUD	1339026558	3.622 SSW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	930
218	TWDB	65-14-514	3.629 ENE	PITTSBURGH PLATE GLASS CO.	6621 LIBERTY RD	HOUSTON, 77028	931
218	TWDB	65-14-510	3.627 ENE	PITTSBURGH PLATE GLASS CO.	6621 LIBERTY RD	HOUSTON, 77028	937
218	HGSD	1675	3.627 ENE	PPG INDUSTRIES, INC.	6621 LIBERTY RD	HOUSTON, 77028	939
219	TWDB	65-22-216	3.638 SSE	H B & T RR #2	5000 GULF FWY	HOUSTON, 77023	940
220	TWDB	65-14-403	3.641 NNE	CITY OF HOUSTON	ADDRESS NOT LISTED	HOUSTON, 77026	942
220	WUD	2791506894	3.642 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	946
220	NWIS	USGS_29490909	3.641 NNE	LJ-65-14-403	ADDRESS NOT LISTED	HOUSTON, 77026	947
220	HGSD	1087	3.643 NNE		ADDRESS NOT LISTED	HOUSTON, 77026	948
221	WUD	3722622033	3.643 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	949
222	WUD	3205350702	3.647 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	950
223	TWDB	65-22-131	3.657 SSE	DIXON PACKING CO.	0 WHEELER	HOUSTON, 77004	951
224	TCEQ	TX181958	3.666 NNE	PAUL S WAHLBERG	4117 KING ST	HOUSTON, 77026	953
225	TWDB	65-22-207	3.671 SE	HOUSTON GOLF CLUB #2	ADDRESS NOT LISTED	HOUSTON, 77011	955
225	TWDB	65-22-214	3.671 SE	HOUSTON GOLF CLUB	ADDRESS NOT LISTED	HOUSTON, 77011	957
225	TWDB	65-22-206	3.671 SE	HOUSTON GOLF CLUB	ADDRESS NOT LISTED	HOUSTON, 77011	959
226	SSDRD	TX257822	3.677 WNW	DARA CHILDS	1435 TULANE ST	HOUSTON, 77008	961
227	TWDB	65-13-910	3.690 WNW	FIDELITY CHEM. CORP.	840 N SHEPHERD DR	HOUSTON, 77007	962
228	TCEQ	TX205390	3.691 S	T & L DRILLING	3501 SOUTHMORE BLVD	HOUSTON, 77004	964
229	WUD	798316944	3.709 N	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	966
229	TWDB	65-14-410	3.711 N	CITY OF HOUSTON HUNTINGTON	2215 BENNINGTON ST	HOUSTON, 77093	967
230	TWDB	65-14-413	3.711 N	KOPPERS COMPANY, INC.	7201 W HARDY RD	HOUSTON, 77022	969
230	TWDB	65-14-414	3.712 N	KOPPERS COMPANY, INC.	7201 W HARDY RD	HOUSTON, 77022	972
231	TCEQ	TX170136	3.728 SW	THOMPSON & HANSON	1500 BINZ ST	HOUSTON, 77004	974
231	HGSD	7410	3.728 SW	CHILDREN'S MUSEUM OF HOUSTON, THE	1500 BINZ ST	HOUSTON, 77004	977
232	TCEQ	TX206022	3.731 SSW	C.E. SWEIVEN	2100 BINZ ST	HOUSTON, 77004	978
233	HGSD	2732	3.733 WSW		1701 W ALABAMA ST	HOUSTON, 77098	980
234	HGSD	12739	3.733 W		56 TIEL WAY	HOUSTON, 77019	981

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
235	TCEQ	TX181646	3.742 NW	HEIGHTS SAVINGS ASSOCIATION	204 W 19TH ST	HOUSTON, 77008	982
235	TWDB	65-13-623	3.742 NW	HEIGHTS SAVINGS ASSOC.	204 W 19TH ST	HOUSTON, 77008	984
236	TWDB	65-22-133	3.745 SSE	PORT CITY STOCK YARDS	0 WHEELER RD	HOUSTON, 77004	986
237	HGSD	2596	3.748 ENE	ALLIED FENCE CORPORATION	4444 HOMESTEAD RD	HOUSTON, 77028	988
237	HGSD	2595	3.748 ENE	ALLIED FENCE CORPORATION	4444 HOMESTEAD RD	HOUSTON, 77028	989
238	TCEQ	TX182201	3.760 W	HOSSEIN TABRIZI	1000 KIRBY DR	HOUSTON, 77019	990
238	TCEQ	TX182200	3.760 W	HOSSEIN TABRIZI	1000 KIRBY DR	HOUSTON, 77019	992
239	HGSD	4478	3.769 SE	HOUSTON, CITY OF	311 WAYSIDE DR	HOUSTON, 77011	995
240	TWDB	65-14-521	3.775 NE	HERRIN TRANSPORTATION CO.	5656 KELLEY ST	HOUSTON, 77026	996
241	HGSD	2869	3.796 SW	PARKLANE PLAZA INTERESTS	1661 HERMANN DR	HOUSTON, 77004	998
242	WUD	3760387295	3.799 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	999
243	HGSD	1672	3.801 SW	WYNDHAM WARWICK ASSOCIATES	5701 MAIN ST	HOUSTON, 77004	1000
243	TWDB	65-21-331	3.801 SW	WARWICK HOTEL	5701 MAIN ST	HOUSTON, 77004	1001
243	TWDB	65-21-318	3.801 SW	WARWICK HOTEL	5701 MAIN ST	HOUSTON, 77004	1004
243	TCEQ	TX206005	3.801 SW	THE WYNDHAM WARWICK	5701 MAIN ST	HOUSTON, 77004	1006
243	NWIS	USGS_29432709	3.801 SW	LJ-65-21-333	5701 MAIN ST	HOUSTON, 77004	1010
243	HGSD	5290	3.801 SW	ZAZA FOUNTAINS, LP	5701 MAIN ST	HOUSTON, 77004	1011
244	HGSD	2348	3.807 NNW	SOUTHERN STAR CONCRETE, INC.	302 BENNINGTON ST	HOUSTON, 77022	1012
244	TWDB	65-14-419	3.807 NNW	LONE STAR CEMENT CO.	302 BENNINGTON ST	HOUSTON, 77022	1013
244	TCEQ	TX208286	3.807 NNW	LONE STAR INDUSTRIES	302 BENNINGTON ST	HOUSTON, 77022	1015
244	SSDRD	TX23463	3.807 NNW	HANSON CONCRETE	302 BENNINGTON ST	HOUSTON, 77022	1018
244	HGSD	9533	3.807 NNW	SOUTHERN STAR CONCRETE, INC.	302 BENNINGTON ST	HOUSTON, 77022	1019
245	TCEQ	TX199540	3.808 SSW	JMG BUILDERS	5500 SAMPSON ST	HOUSTON, 77004	1020
245	HGSD	8594	3.808 SSW	USA SAVOY LEASCO, LLC	5500 SAMPSON ST	HOUSTON, 77004	1022
246	SSDRD	TX214937	3.847 SW	BOHNN, ANNE	6 WAVERLY CT	HOUSTON, 77005	1023
247	WUD	3220922763	3.858 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1024
247	WUD	932202874	3.858 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1025
248	TCEQ	TX205404	3.862 SW	WINDI PHILLIPS	1310 SOUTH BLVD	HOUSTON, 77006	1026

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
249	TCEQ	TX199513	3.867 SW	DENNIS WRIGHT	1205 BISSONNET ST	HOUSTON, 77005	1028
250	TWDB	65-14-905	3.870 E	HOUSTON BAND MILL	0 LYONS	HOUSTON, 77029	1030
251	WUD	554435248	3.875 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1032
252	TWDB	65-22-227	3.875 SE	VILLA DE MATEL	1500 S WAYSIDE DR	HOUSTON, 77023	1033
253	TCEQ	TX208722	3.876 WNW	J.D. PETERS	1101 W 13TH ST	HOUSTON, 77008	1035
254	HGSD	3707	3.879 WNW	HOUSTON, CITY OF	0 HERKIMER ST	HOUSTON, 77008	1037
254	TWDB	65-13-627	3.879 WNW	CITY OF HOUSTON, HEIGHTS, WELL #7A	0 HERKIMER ST	HOUSTON, 77008	1038
254	TWDB	65-13-608	3.880 WNW	CITY OF HOUSTON	0 HERKIMER ST	HOUSTON, 77008	1040
254	WUD	2969749797	3.880 WNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1044
254	TCEQ	TX205359	3.881 WNW	CITY OF HOUSTON	0 HERKIMER ST	HOUSTON, 77008	1045
254	NWIS	USGS_29475209	3.879 WNW	LJ-65-13-627	0 HERKIMER ST	HOUSTON, 77008	1050
254	HGSD	3372	3.879 WNW		0 HERKIMER ST	HOUSTON, 77008	1051
255	TCEQ	TX206016	3.882 SW	PETE MELSHER	2 REMINGTON LN	HOUSTON, 77005	1052
256	TCEQ	TX205981	3.884 SW	JOHN FORT	1323 NORTH BLVD	HOUSTON, 77006	1054
257	WUD	3473894818	3.896 WNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1056
258	SSDRD	TX544835	3.896 SW	MARK D'ANDREA	2 1/2 REMINGTON LN	HOUSTON, 77005	1057
258	HGSD	14275	3.896 SW	DR. MARK D'ANDREA	2 1/2 REMINGTON LN	HOUSTON, 77005	1058
259	TCEQ	TX206024	3.930 SW	HOUSTON LIGHT & POWER CO	13 SHADOW LAWN ST	HOUSTON, 77005	1059
260	TCEQ	TX221215	3.935 SW	MR HENDERSON	4 REMINGTON LN	HOUSTON, 77005	1061
260	TCEQ	TX206018	3.935 SW	MR HENDERSON	4 REMINGTON LN	HOUSTON, 77005	1063
261	HGSD	1798	3.942 WSW	ADMIRAL LINEN & UNIFORM SERVICE	2030 KIPLING ST	HOUSTON, 77098	1065
261	TWDB	65-21-332	3.941 WSW	ADMIRAL LINEN SERVICE	2030 KIPLING ST	HOUSTON, 77098	1066
261	TWDB	65-21-326	3.941 WSW	ADMIRAL LINEN CO.	2030 KIPLING ST	HOUSTON, 77098	1068
261	TCEQ	TX205914	3.941 WSW	ADMIRAL LINEN SERVICE	2030 KIPLING ST	HOUSTON, 77098	1070
261	NWIS	USGS_29442209	3.941 WSW	LJ-65-21-332	2030 KIPLING ST	HOUSTON, 77098	1072
261	HGSD	3964	3.941 WSW	ADMIRAL LINEN & UNIFORM SERVICE	2030 KIPLING ST	HOUSTON, 77098	1073
262	TWDB	65-14-515	3.948 NE	PETERBUILT TRUCK CO.	5825 KELLEY ST	HOUSTON, 77026	1074
263	TCEQ	TX187798	3.953 W	LANIER YATES	2454 PINE VALLEY CT	HOUSTON, 77019	1076
264	TCEQ	TX206019	3.959 SW	MR HENDERSON	3 REMINGTON LN	HOUSTON, 77005	1078

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
265	TWDB	65-14-516	3.968 NE	TEXAS OILFIELD EQUIP. CO.	5855 KELLY ST	HOUSTON, 77026	1080
266	TWDB	65-14-913	3.968 ENE	OLIN MATHIESON CHEM. CO.	7621 WALLISVILLE RD	HOUSTON, 77020	1082
267	TWDB	65-14-904	3.971 ENE	HYDRILL OIL TOOL	270 MCCARTY ST	HOUSTON, 77029	1084
268	NWIS	USGS_29441309	3.982 ESE	LJ-65-22-230	0 AVENUE F	HOUSTON, 77011	1086
268	TWDB	65-22-230	3.982 ESE		0 AVENUE F	HOUSTON, 77011	1087
269	TCEQ	TX208037	3.987 NE	MCNAIR TRUCK RENTAL	6701 LOOP 610	HOUSTON, 77026	1090
269	HGSD	5279	3.987 NE	SUNBELT HUNTING BAYOU, LP	6701 LOOP 610	HOUSTON, 77026	1093
270	TCEQ	TX181957	3.987 NNE	MILLER WRECKER SERVICE	7200 EASTEX FWY	HOUSTON, 77093	1094
271	TCEQ	TX206028	3.988 SW	MATT PRUCKA	8 REMINGTON LN	HOUSTON, 77005	1096
272	HGSD	1111	3.989 SW	HOUSTON, CITY OF	6001 FANNIN ST	HOUSTON, 77030	1098
272	TWDB	65-21-306	3.989 SW	CITY OF HOUSTON SOUTH END #11	6001 FANNIN ST	HOUSTON, 77030	1099
272	TWDB	65-21-304	3.989 SW	CITY OF HOUSTON	6001 FANNIN ST	HOUSTON, 77030	1115
272	TWDB	65-21-309	3.989 SW	CITY OF HOUSTON SOUTH END #6	6001 FANNIN ST	HOUSTON, 77030	1122
272	TWDB	65-21-320	3.989 SW	CITY OF HOUSTON SOUTH END #5	6001 FANNIN ST	HOUSTON, 77030	1124
272	TWDB	65-21-321	3.989 SW	CITY OF HOUSTON SOUTH END #4	6001 FANNIN ST	HOUSTON, 77030	1127
272	TWDB	65-21-323	3.989 SW	CITY OF HOUSTON SOUTH END #3	6001 FANNIN ST	HOUSTON, 77030	1129
272	TWDB	65-21-319	3.989 SW	CITY OF HOUSTON SOUTH END #1	6001 FANNIN ST	HOUSTON, 77030	1131
272	TWDB	65-21-322	3.989 SW	CITY OF HOUSTON SOUTH END #2	6001 FANNIN ST	HOUSTON, 77030	1133
272	NWIS	USGS_29431909	3.989 SW	LJ-65-21-306	6001 FANNIN ST	HOUSTON, 77030	1135
272	NWIS	USGS_29432009	3.989 SW	LJ-65-21-304	6001 FANNIN ST	HOUSTON, 77030	1136
272	HGSD	1110	3.989 SW	HOUSTON, CITY OF	6001 FANNIN ST	HOUSTON, 77030	1137
273	TCEQ	TX230255	3.996 SSW	TILLMAN DEVELOPMENT	3221 N MACGREGOR WAY	HOUSTON, 77004	1138
274	SSDRD	TX204290	3.996 SW	MICHAEL LINN	2 LONGFELLOW LN	HOUSTON, 77005	1141
275	TWDB	65-13-603	3.998 NNW	HOUSTON TEXTILE CO	3910 NORTH FWY	HOUSTON, 77022	1142
276	TCEQ	TX205241	4.004 NE	TEXACO	6929 N LOOP E	HOUSTON, 77028	1144
276	TCEQ	TX206181	4.004 NE	TEXACO, INC.	6929 N LOOP E	HOUSTON, 77028	1146
276	TWDB	65-14-506	4.004 NE	TEXACO, INC.,	6929 N LOOP E	HOUSTON, 77028	1149

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
277	TCEQ	TX205408	4.014 SSW	MR. PAUL PENDLETON	0 PRIVATE STREETS	HOUSTON, 77021	1151
278	TCEQ	TX199436	4.016 NE	WOMBLE CO INC	5875 KELLEY ST	HOUSTON, 77026	1154
278	HGSD	8282	4.016 NE	WOMBLE COMPANY, INC.	5875 KELLEY ST	HOUSTON, 77026	1156
279	TCEQ	TX206117	4.027 W	T & C CONSTRUCTION	216 ASBURY ST	HOUSTON, 77007	1157
280	TCEQ	TX205320	4.031 NE	SOUTH TEXAS KENWORTH IND	6855 N LOOP E	HOUSTON, 77028	1159
280	HGSD	5259	4.031 NE	CLEVELAND MACK SALES/DBA	6855 N LOOP E	HOUSTON, 77028	1163
281	TCEQ	TX206015	4.038 SW	ANTHONY PETRELLO	10 REMINGTON LN	HOUSTON, 77005	1164
282	SSDRD	TX204732	4.042 SW	SCOTT VANDYKE	1515 SOUTH BLVD	HOUSTON, 77006	1166
283	HGSD	1069	4.049 WNW	HOUSTON, CITY OF	449 W 19TH ST	HOUSTON, 77008	1167
283	TWDB	65-13-624	4.049 WNW	CITY OF HOUSTON HEIGHTS #17	449 W 19TH ST	HOUSTON, 77008	1168
283	TWDB	65-13-604	4.049 WNW	CITY OF HOUSTON HEIGHTS #16	449 W 19TH ST	HOUSTON, 77008	1176
283	TWDB	65-13-607	4.049 WNW	CITY OF HOUSTON HEIGHTS #8	449 W 19TH ST	HOUSTON, 77008	1192
283	TWDB	65-13-606	4.049 WNW	CITY OF HOUSTON HEIGHTS #5	449 W 19TH ST	HOUSTON, 77008	1196
283	TWDB	65-13-614	4.049 WNW	CITY OF HOUSTON HEIGHTS #3	449 W 19TH ST	HOUSTON, 77008	1199
283	TWDB	65-13-613	4.050 WNW	CITY OF HOUSTON HEIGHTS #2	449 W 19TH ST	HOUSTON, 77008	1202
283	WUD	467956077	4.049 WNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1204
283	WUD	4092353616	4.049 WNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1205
283	WUD	1010352421	4.049 WNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1206
283	WUD	2316027359	4.049 WNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1207
283	WUD	593436693	4.049 WNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1208
283	WUD	1215288305	4.049 WNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1209
283	NWIS	USGS_29481209	4.049 WNW	LJ-65-13-624	449 W 19TH ST	HOUSTON, 77008	1210
283	NWIS	USGS_29481109	4.049 WNW	LJ-65-13-614	449 W 19TH ST	HOUSTON, 77008	1211
283	NWIS	USGS_29481609	4.049 WNW	LJ-65-13-604	449 W 19TH ST	HOUSTON, 77008	1212
283	HGSD	1068	4.049 WNW	HOUSTON, CITY OF	449 W 19TH ST	HOUSTON, 77008	1213
284	SSDRD	TX404314	4.049 W	CAMPO, RICHARD	2910 LAZY LANE BLVD	HOUSTON, 77019	1214
284	HGSD	13062	4.049 W		2910 LAZY LANE BLVD	HOUSTON, 77019	1215
285	TCEQ	TX206116	4.082 W	TYNES SPARKS BLDING CORP	2920 LAZY LANE BLVD	HOUSTON, 77019	1216

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
286	HGSD	12419	4.085 WSW	KLAES, DANIEL	1561 KIRBY DR	HOUSTON, 77019	1220
287	TWDB	65-22-217	4.089 SSE	PETROLEUM RECTIFYING CO.	5455 OLD SPANISH TRL	HOUSTON, 77023	1221
288	TWDB	65-14-402	4.099 NNE	CITY OF HOUSTON	0 EASTEX FWY	HOUSTON, 77093	1223
288	WUD	2081548187	4.099 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1227
288	NWIS	USGS_29493209	4.100 NNE	LJ-65-14-402	0 EASTEX FWY	HOUSTON, 77093	1228
288	HGSD	1088	4.100 NNE	HOUSTON, CITY OF	0 EASTEX FWY	HOUSTON, 77093	1229
289	TCEQ	TX205403	4.111 SW	DAVID BERG	16 SUNSET BLVD	HOUSTON, 77005	1230
289	TCEQ	TX204949	4.111 SW	DAVID BERG	16 SUNSET BLVD	HOUSTON, 77005	1232
290	HGSD	13307	4.115 S		4000 S MACGREGOR WAY	HOUSTON, 77021	1234
291	TCEQ	TX206026	4.128 SW	MICHAEL FLYNN	22 SUNSET BLVD	HOUSTON, 77005	1235
292	TWDB	65-13-625	4.142 NW	NATIONAL FORGE CO.	349 W 24TH ST	HOUSTON, 77008	1237
292	TCEQ	TX206822	4.142 NW	NATIONAL FORGE CO	349 W 24TH ST	HOUSTON, 77008	1239
292	HGSD	2198	4.142 NW	NATIONAL FLAME & FORGE, INC.	349 W 24TH ST	HOUSTON, 77008	1241
293	WUD	1247975889	4.147 SSW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1242
294	TWDB	65-13-815	4.154 WSW	S. P. FARISH	1604 KIRBY DR	HOUSTON, 77019	1243
295	HGSD	14265	4.159 W	ARNOLD, MATT	2945 LAZY LANE BLVD	HOUSTON, 77019	1245
295	HGSD	14595	4.159 W		2945 LAZY LANE BLVD	HOUSTON, 77019	1246
296	WUD	1880799342	4.164 NNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1247
296	TWDB	65-14-424	4.164 NNW	CITY OF HOUSTON OAKWOOD	7220 BAUMAN RD	HOUSTON, 77022	1248
297	TWDB	65-21-302	4.169 SSW	CITY OF HOUSTON	0 HERMANN PARK DR	HOUSTON, 77004	1250
297	NWIS	USGS_29425109	4.169 SSW	LJ-65-21-302	0 HERMANN PARK DR	HOUSTON, 77004	1256
297	HGSD	1108	4.168 SSW	HOUSTON, CITY OF	0 HERMANN PARK DR	HOUSTON, 77004	1257
298	SSDRD	TX25762	4.176 NE	PICERNE DEVELOPMENT CORP	6767 BENNINGTON RD	HOUSTON, 77028	1258
298	HGSD	9557	4.176 NE		6767 BENNINGTON RD	HOUSTON, 77028	1259
299	HGSD	2738	4.181 ENE	CORDELL, JAMES	7226 N LOOP E	HOUSTON, 77028	1260
300	TCEQ	TX205347	4.185 NW	CORROSION PROTECTION	2519 RUTLAND ST	HOUSTON, 77008	1261
301	WUD	2866093483	4.190 E	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1264
301	TWDB	65-14-901	4.201 E	CITY OF HOUSTON PLEASANTVILLEDIST 17	0 TILGHAM RD	HOUSTON, 77029	1265
302	TCEQ	TX205384	4.198 N	W.H. BROWN	728 E CROSSTIMBERS ST	HOUSTON, 77022	1268

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
302	TWDB	65-14-437	4.198 N	W. R. BROWN	728 E CROSSTIMBERS ST	HOUSTON, 77022	1270
303	SSDRD	TX228016	4.211 WSW	SCHLENKER, CALVIN & JILL	2909 INWOOD DR	HOUSTON, 77019	1272
304	TCEQ	TX206124	4.218 WNW	JESTER APARTMENTS PARTNERS	701 T C JESTER BLVD	HOUSTON, 77008	1273
304	HGSD	8849	4.218 WNW	STONEWOOD APARTMENTS	701 T C JESTER BLVD	HOUSTON, 77008	1275
305	TWDB	65-14-909	4.218 ENE	TEXAS PIPE LINE CO.	7901 WALLISVILLE RD	HOUSTON, 77029	1276
305	TWDB	65-14-908	4.219 ENE	TEXAS PIPE LINE CO.	7901 WALLISVILLE RD	HOUSTON, 77029	1279
305	NWIS	USGS_29472209	4.218 ENE	LJ-65-14-909	7901 WALLISVILLE RD	HOUSTON, 77029	1282
305	HGSD	2568	4.219 ENE	TEXAS PIPE LINE COMPANY	7901 WALLISVILLE RD	HOUSTON, 77029	1283
306	TCEQ	TX208034	4.230 ENE	ENERCON TRUCKING	8000 WALLISVILLE RD	HOUSTON, 77029	1284
307	HGSD	9968	4.235 SE	FOREST PARK LAWNDALE	6900 LAWNDALE AVE	HOUSTON, 77023	1287
308	TCEQ	TX208716	4.243 WSW	BERRY ELLIS	2001 KIRBY DR	HOUSTON, 77019	1288
309	TCEQ	TX205024	4.249 WSW	MCDUGALD STEEL	2995 LAZY LANE BLVD	HOUSTON, 77019	1290
310	TCEQ	TX207765	4.256 WSW	PRESTON VILLA APARTMENTS	0 GREENBRIAR DR	HOUSTON, 77098	1294
311	TCEQ	TX182089	4.259 SSW	MR. TERRY BLACKSTONE	3430 PARKWOOD	HOUSTON, 77021	1297
312	TCEQ	TX182088	4.260 SSW	NICKENS, J.C.	3418 PARKWOOD	HOUSTON, 77021	1300
313	TCEQ	TX199546	4.261 SSW	MR. O'NEIL	3412 S PARKWOOD DR	HOUSTON, 77021	1303
313	HGSD	14868	4.261 SSW		3412 S PARKWOOD DR	HOUSTON, 77021	1306
314	HGSD	9268	4.262 WSW	HUNTINGDON COUNCIL OF CO-OWNERS, THE	2121 KIRBY DR	HOUSTON, 77019	1307
315	SSDRD	TX220553	4.298 WSW	CEDAR BALDRIDGE	2947 INWOOD DR	HOUSTON, 77019	1308
316	TCEQ	TX205419	4.302 SSE	ENRIQUE HERNANDEZ	3014 CAROLTON ST	HOUSTON, 77023	1309
317	TWDB	65-22-201	4.305 SSE	CHRISTENSEN COURTS	5930 GULF FWY	HOUSTON, 77023	1311
318	TCEQ	TX205984	4.306 WSW	CHIP BRYAN	2938 DEL MONTE DR	HOUSTON, 77019	1313
319	SSDRD	TX174612	4.308 W	TYNE SPARKS BUILDERS	2960 LAZY LANE BLVD	HOUSTON, 77019	1315
320	TWDB	65-13-833	4.310 W	J. RAY MCDERMOTT	2950 LAZY LANE BLVD	HOUSTON, 77019	1316
320	HGSD	3240	4.311 W	MCDERMOTT, MRS. R. THOMAS	2950 LAZY LANE BLVD	HOUSTON, 77019	1318
321	TWDB	65-14-914	4.310 E	PORT CITY COMPRESS &	8300 BUCHANAN ST	HOUSTON, 77029	1319

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
				WAREHOUSE CO.			
322	HGSD	4477	4.318 SW	HOUSTON, CITY OF	6001 FANNIN ST	HOUSTON, 77030	1321
323	HGSD	1976	4.324 ESE	SOUTHWEST FABRICATING & WELDING	7529 HARRISBURG BLVD	HOUSTON, 77012	1322
323	TWDB	65-22-337	4.324 ESE	SOUTHWEST FABRICATORS	7529 HARRISBURG BLVD	HOUSTON, 77012	1323
323	HGSD	1975	4.324 ESE	SOUTHWEST FABRICATING & WELDING	7529 HARRISBURG BLVD	HOUSTON, 77012	1326
324	HGSD	2727	4.332 WSW	ALLBRITTON, JOE L.	2980 LAZY LN	HOUSTON, 77019	1327
325	TCEQ	TX206102	4.337 WSW	JIM KEMPNER	3000 DEL MONTE DR	HOUSTON, 77019	1328
326	TWDB	65-21-327	4.341 SW	CITY OF HOUSTON SOUTH END #12	6001 FANNIN ST	HOUSTON, 77030	1331
326	WUD	3296048290	4.356 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1338
326	WUD	2044582600	4.341 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1339
326	NWIS	USGS_29430209	4.341 SW	LJ-65-21-327	6001 FANNIN ST	HOUSTON, 77030	1340
326	HGSD	1112	4.341 SW	HOUSTON, CITY OF	6001 FANNIN ST	HOUSTON, 77030	1341
327	TCEQ	TX206123	4.348 W	BLUEWATER REAL ESTATE	310 TERRACE DR	HOUSTON, 77007	1342
328	HGSD	6006	4.349 N	LAM, ANDY	7902 SCHULLER RD	HOUSTON, 77093	1345
329	HGSD	1060	4.362 NW	HOUSTON, CITY OF	437 W 26TH ST	HOUSTON, 77008	1346
329	TWDB	65-13-626	4.361 NW	CITY OF HOUSTON, HEIGHTS, WELL #6A	437 W 26TH ST	HOUSTON, 77008	1347
329	TWDB	65-13-605	4.362 NW	CITY OF HOUSTON HEIGHTS #6	437 W 26TH ST	HOUSTON, 77008	1352
329	WUD	820301292	4.361 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1356
329	WUD	3168561309	4.361 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1357
329	NWIS	USGS_29483609	4.362 NW	LJ-65-13-605	437 W 26TH ST	HOUSTON, 77008	1358
329	NWIS	USGS_29483609	4.361 NW	LJ-65-13-626	437 W 26TH ST	HOUSTON, 77008	1359
329	HGSD	3706	4.362 NW	HOUSTON, CITY OF	437 W 26TH ST	HOUSTON, 77008	1360
330	TWDB	65-21-329	4.361 SW	RICE UNIVERSITY	6100 MAIN ST	HOUSTON, 77005	1361
330	TWDB	65-21-324	4.361 SW	RICE UNIVERSITY	6100 MAIN ST	HOUSTON, 77005	1369
330	WUD	2798585179	4.361 SW	RICE UNIVERSITY	PO BOX 1892	HOUSTON, 77251	1371
330	NWIS	USGS_29431609	4.361 SW	LJ-65-21-329	6100 MAIN ST	HOUSTON, 77005	1372
330	HGSD	2256	4.361 SW	RICE UNIVERSITY, WILLIAM MARSH	6100 MAIN ST	HOUSTON, 77005	1373
331	TCEQ	TX205336	4.362 ENE	AL TUCKER, TRAILERS	7401 N LOOP E	HOUSTON, 77028	1374
331	HGSD	11426	4.362 ENE	AL TUCKER TRAILERS,	7401 N LOOP E	HOUSTON, 77028	1377

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
				INC.			
332	TCEQ	TX206187	4.369 NW	ROSSA FOSTER	203 W 32ND ST	HOUSTON, 77018	1378
333	TCEQ	TX199440	4.372 N	NGUYEN, NGHINH	7900 JENSEN DR	HOUSTON, 77093	1380
334	TWDB	65-22-505	4.378 SSE	HOUSTON BELT & TERMIN-AL RAILROAD	0 PRODUCE ROW		1382
335	SSDRD	TX204294	4.379 WSW	TOM HOOKS	3005 DEL MONTE DR	HOUSTON, 77019	1384
336	SSDRD	TX174829	4.392 W	M F DEVELOPMENT	6039 GLENCOVE ST	HOUSTON, 77007	1385
337	TWDB	65-13-612	4.393 NW	ORIENTAL TEXTILE MILLS	2300 N SHEPHERD DR	HOUSTON, 77008	1386
338	HGSD	1711	4.393 ESE	EXXON CHEMICAL COMPANY	8230 STEDMAN ST	HOUSTON, 77029	1388
339	SSDRD	TX413970	4.393 WSW	DOGGETT, ANN	3030 INWOOD DR	HOUSTON, 77019	1389
339	HGSD	13022	4.393 WSW	DOGGET, WM LESLIE & ANN	3030 INWOOD DR	HOUSTON, 77019	1390
340	WUD	2900996235	4.401 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1391
340	TWDB	65-21-301	4.401 SW	CITY OF HOUSTON SOUTH END #7	6001 FANNIN ST	HOUSTON, 77030	1392
341	TWDB	65-21-328	4.405 WSW	PRESTON VILLA APARTMENTS	2332 SUL ROSS ST	HOUSTON, 77098	1395
342	TCEQ	TX199107	4.439 WSW	WEAVER, JAMES D.	3196 DEL MONTE DR	HOUSTON, 77019	1397
343	TCEQ	TX196150	4.440 WSW	DR. H.C. ROBINSON, JR.	2626 WESTHEIMER RD	HOUSTON, 77098	1400
344	SSDRD	TX174825	4.457 SE	FOREST PARK LAWNDALE	6900 LAWNDALE AVE	HOUSTON, 77023	1404
345	TCEQ	TX199545	4.464 SSE	MID CITY REALTY	0 WHEELER	HOUSTON, 77023	1405
346	TWDB	65-22-224	4.472 SE	FOREST PARK CEMETERY	6900 LAWNDALE AVE	HOUSTON, 77023	1408
347	TCEQ	TX182086	4.484 S	C. I. RUSS	6115 LA SALETTE ST	HOUSTON, 77021	1410
348	TCEQ	TX206126	4.489 WSW	JON L. GILBREATH	3232 INWOOD DR	HOUSTON, 77019	1413
349	TWDB	65-21-330	4.490 SW	CITY OF HOUSTON	1513 CAMBRIDGE ST	HOUSTON, 77030	1415
349	WUD	36491390	4.490 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1422
349	NWIS	USGS_29424509	4.490 SW	LJ-65-21-330	1513 CAMBRIDGE ST	HOUSTON, 77030	1423
349	HGSD	1113	4.490 SW	HOUSTON, CITY OF	1513 CAMBRIDGE ST	HOUSTON, 77030	1424
350	TCEQ	TX182087	4.495 S	QUALITY AUTO PARTS	5920 SCOTT ST	HOUSTON, 77021	1425
351	SSDRD	TX197986	4.514 SSW	GROCERS SUPPLY	3131 HOLCOMBE BLVD	HOUSTON, 77021	1428
352	TCEQ	TX208466	4.522 SSW	CITY OF HOUSTON	1513 N MACGREGOR DR	HOUSTON, 77004	1429

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
353	SSDRD	TX222014	4.542 WSW	DON CHALMERS	3240 INWOOD DR	HOUSTON, 77019	1432
353	SSDRD	TX199502	4.542 WSW	MOSING, KEITH	3240 INWOOD DR	HOUSTON, 77019	1433
353	TWDB	65-13-814	4.542 WSW	H. R. CULLEN	3240 INWOOD DR	HOUSTON, 77019	1434
354	TCEQ	TX206422	4.549 W	SOUTHWEST FABRICATORS	1600 RIVER OAKS BLVD	HOUSTON, 77019	1436
355	TCEQ	TX200639	4.562 W	BOBBY EARTHMAN	28 CRESTWOOD DR	HOUSTON, 77007	1438
356	NWIS	USGS_29500209	4.566 N	LJ-65-14-118	8410 E HARDY RD	HOUSTON, 77093	1440
356	TWDB	65-14-118	4.566 N	H.A. BURDEN	8410 E HARDY RD	HOUSTON, 77093	1441
357	WUD	1056721706	4.583 NE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1443
357	TWDB	65-14-504	4.573 NE	CITY OF HOUSTON HOUSTON GARDENS	7230 MILEY ST	HOUSTON, 77028	1444
358	TCEQ	TX206001	4.574 WSW	CHALMERS	3247 INWOOD DR	HOUSTON, 77019	1446
358	TCEQ	TX206002	4.574 WSW	CHALMERS	3247 INWOOD DR	HOUSTON, 77019	1449
359	TCEQ	TX204954	4.575 SSE	PAN AFRICAN ORTHODOX CHRISTIAN CHURCH	5320 MARTIN LUTHER KING JR BLVD	HOUSTON, 77021	1452
359	TCEQ	TX204955	4.575 SSE	PAN AFRICAN ORTHODOX CHRISTIAN CHURCH	5320 MARTIN LUTHER KING JR BLVD	HOUSTON, 77021	1454
359	HGSD	7507	4.575 SSE	PAN AFRICAN ORTHODOX CHRISTIAN CHURCH	5320 MARTIN LUTHER KING JR BLVD	HOUSTON, 77021	1456
360	SSDRD	TX145996	4.582 WSW	SAM DOUGLASS	3229 GROVELAND LN	HOUSTON, 77019	1457
361	TWDB	65-14-401	4.585 NNE	CITY OF HOUSTON	0 EASTEX FWY	HOUSTON, 77093	1458
361	WUD	1225357151	4.585 NNE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1466
361	NWIS	USGS_29495809	4.585 NNE	LJ-65-14-401	0 EASTEX FWY	HOUSTON, 77093	1467
361	HGSD	1089	4.585 NNE		0 EASTEX FWY	HOUSTON, 77093	1468
362	TWDB	65-21-307	4.591 SW	HERMAN HOSPITAL	1402 CAMBRIDGE ST	HOUSTON, 77030	1469
362	HGSD	2199	4.591 SW	HERMANN HOSPITAL ESTATE	1402 CAMBRIDGE ST	HOUSTON, 77030	1472
363	TWDB	65-14-513	4.596 NNE	HOUSTON BELT AND TERMINAL RAILROAD	7714 LAVENDER ST	HOUSTON, 77016	1473
364	NWIS	USGS_29450109	4.611 WSW	LJ-65-13-840	1623 RIVER OAKS BLVD	HOUSTON, 77019	1475
364	SSDRD	TX20927	4.611 WSW	NED HOLMES	1623 RIVER OAKS BLVD	HOUSTON, 77019	1476
364	TWDB	65-13-840	4.611 WSW	HARRY HOLMES	1623 RIVER OAKS BLVD	HOUSTON, 77019	1477
365	TCEQ	TX205992	4.613 WSW	FAIRFAX RANDAL	3249 CHEVY CHASE DR	HOUSTON, 77019	1479
366	TCEQ	TX204739	4.614 WSW	MISTER CAR WASH	3130 KIRBY DR	HOUSTON, 77098	1482
366	HGSD	4959	4.614 WSW	CWP ASSET CORP./MISTER CAR WASH	3130 KIRBY DR	HOUSTON, 77098	1485

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
367	TCEQ	TX199512	4.627 SW	TOM TAYLOR	2128 ALBANS RD	HOUSTON, 77005	1486
368	TCEQ	TX206017	4.635 W	RIVER OAKS COUNTRY CLUB	1600 RIVER OAKS BLVD	HOUSTON, 77019	1489
369	TCEQ	TX205991	4.646 WSW	MCDUGAL-STEEL (MCNAIR)	1807 RIVER OAKS BLVD	HOUSTON, 77019	1492
369	SSDRD	TX182613	4.646 WSW	MCNAIR, ROBERT	1807 RIVER OAKS BLVD	HOUSTON, 77019	1496
369	TCEQ	TX205982	4.646 WSW	ROBERT MCNAIR	1807 RIVER OAKS BLVD	HOUSTON, 77019	1497
370	NWIS	USGS_29441509	4.649 ESE	LJ-65-22-317	0 WHARF ST	HOUSTON, 77012	1499
370	TWDB	65-22-317	4.649 ESE	GULF ATLANTIC WAREHOUSE	0 WHARF ST	HOUSTON, 77012	1500
371	TWDB	65-21-213	4.651 WSW	CLAUDE B. HAMILL	3234 ELLA LEE LN	HOUSTON, 77019	1503
372	TCEQ	TX206823	4.653 NNW	MR JESSIE SHARMAN	4479 NORTH FWY	HOUSTON, 77022	1505
373	TWDB	65-21-303	4.658 SSW	CITY OF HOUSTON	0 N MACGREGOR WAY	HOUSTON, 77004	1507
373	WUD	1197723061	4.657 SSW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1515
373	NWIS	USGS_29423009	4.658 SSW	LJ-65-21-303	0 N MACGREGOR WAY	HOUSTON, 77004	1516
373	HGSD	1109	4.657 SSW	HOUSTON, CITY OF	0 N MACGREGOR WAY	HOUSTON, 77004	1517
374	HGSD	2996	4.664 ENE	EXXON COMPANY U.S.A.	7835 N LOOP E	HOUSTON, 77028	1518
375	TCEQ	TX205993	4.683 WSW	DR MIKE MANN	1907 RIVER OAKS BLVD	HOUSTON, 77019	1519
376	HGSD	7508	4.686 SSE	PAN AFRICAN ORTHODOX	5400 MARTIN LUTHER KING JR BLVD	HOUSTON, 77021	1522
377	SSDRD	TX199244	4.698 NW	SCOTT HENDRICKSON	535 W 32ND ST	HOUSTON, 77018	1523
378	TCEQ	TX196149	4.704 WSW	DANNY CLAES	2801 BAMMEL LN	HOUSTON, 77098	1524
378	HGSD	8831	4.705 WSW	GBL DEVELOPERS LLC	2801 BAMMEL LN	HOUSTON, 77098	1526
379	TCEQ	TX206120	4.705 WSW	DR. BOYCE	1708 RIVER OAKS BLVD	HOUSTON, 77019	1527
380	TCEQ	TX205871	4.706 N	GULFSTREAM PETROLEUM WELL 1	8411 IRVINGTON BLVD	HOUSTON, 77022	1530
380	TCEQ	TX205870	4.706 N	GULFSTREAM PETROLEUM WELL 2	8411 IRVINGTON BLVD	HOUSTON, 77022	1533
381	SSDRD	TX278221	4.711 WSW	ROD CUTSINGER	2109 RIVER OAKS BLVD	HOUSTON, 77019	1536
382	TWDB	65-22-412	4.712 SSW	ZERO FOOD CO.	0 NATCHEZ ST	HOUSTON, 77021	1537
383	TWDB	65-14-105	4.723 N	CITY OF HOUSTON IRVINGTON	2301 BERRY RD	HOUSTON, 77093	1539
384	TCEQ	TX199543	4.736 WSW	JMG BUILDERS LTD BLVD	2440 NORTH BLVD	HOUSTON, 77098	1541
384	HGSD	5893	4.736 WSW	BOULEVARD	2440 NORTH BLVD	HOUSTON, 77098	1543

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
				APARTMENTS, THE			
385	TCEQ	TX207537	4.766 SE	FORCE, INC.	7026 LAWNDALE ST	HOUSTON, 77023	1544
386	SSDRD	TX373614	4.777 WSW	RB RATCLIFF - BARNHART	3335 INWOOD DR	HOUSTON, 77019	1547
387	TCEQ	TX199586	4.782 WSW	BILL BAKER CONSTRUCTION	2110 RIVER OAKS BLVD	HOUSTON, 77019	1548
388	TCEQ	TX205348	4.784 WNW	DAVE NEWTON	849 W 26TH ST	HOUSTON, 77008	1550
388	HGSD	7439	4.784 WNW	MSN PROPERTIES 1, LP	849 W 26TH ST	HOUSTON, 77008	1553
389	TCEQ	TX205990	4.788 WSW	PAUL F BARNHART SR	3358 INWOOD DR	HOUSTON, 77019	1554
389	HGSD	12943	4.788 WSW	BARNHART, PAUL JR.	3358 INWOOD DR	HOUSTON, 77019	1558
390	HGSD	3239	4.797 WSW	SAROFIM, FAYEZ	2124 RIVER OAKS BLVD	HOUSTON, 77019	1559
391	SSDRD	TX197981	4.801 SSW	GROCERS SUPPLY	3100 HOLCOMBE BLVD	HOUSTON, 77021	1560
392	TCEQ	TX205337	4.804 ENE	CLAUDE B. WILLIAMS	7830 BOOKER ST	HOUSTON, 77028	1561
393	TCEQ	TX205988	4.804 WSW	ALBERT SMITH	3335 DEL MONTE DR	HOUSTON, 77019	1563
394	TWDB	65-13-618	4.808 NW	CITY OF HOUSTON GARDEN OAKS	880 W 28TH ST	HOUSTON, 77008	1566
394	TWDB	65-13-619	4.808 NW	CITY OF HOUSTON GARDEN OAKS #1	880 W 28TH ST	HOUSTON, 77008	1568
394	WUD	755924119	4.808 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77008	1570
394	WUD	3930994057	4.808 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77008	1571
394	WUD	1701238112	4.808 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77008	1572
394	TWDB	65-13-620	4.808 NW	CITY OF HOUSTON GARDEN OAKS #2	880 W 28TH ST	HOUSTON, 77008	1573
395	TCEQ	TX200244	4.814 S	MONTGOMERY SIGN SERVICE	6216 SAINT AUGUSTINE ST	HOUSTON, 77021	1576
396	HGSD	2701	4.817 WNW	SUPERIOR CONCRETE ACCESSORIES	3025 MAXROY ST	HOUSTON, 77008	1578
397	HGSD	10609	4.825 WNW	MOSS LANDSCAPING	2626 FOUNTAIN KEY BLVD	HOUSTON, 77008	1579
398	TWDB	65-14-610	4.830 ENE	WESTERN LINE TRUCKING	3609 N MCCARTY ST	HOUSTON, 77029	1580
399	HGSD	1784	4.833 W	RIVER OAKS COUNTRY CLUB	1600 RIVER OAKS BLVD	HOUSTON, 77019	1582
399	TWDB	65-13-801	4.833 W	RIVER OAKS COUNTRY CLUB	1600 RIVER OAKS BLVD	HOUSTON, 77019	1583
399	TWDB	65-13-824	4.833 W	RIVER OAKS COUNTRY CLUB	1600 RIVER OAKS BLVD	HOUSTON, 77019	1586
399	NWIS	USGS_29451809	4.833 W	LJ-65-13-801	1600 RIVER OAKS BLVD	HOUSTON, 77019	1589

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
399	HGSD	1783	4.833 W	RIVER OAKS COUNTRY CLUB	1600 RIVER OAKS BLVD	HOUSTON, 77019	1590
400	WUD	2982631298	4.833 ESE	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1591
401	TCEQ	TX205994	4.835 WSW	CHARLES & JOHN DUNCAN	2 BRIARWOOD CT	HOUSTON, 77019	1592
402	WUD	4207767890	4.839 N	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1595
403	TCEQ	TX205844	4.846 N	HUBERT LEE	8611 JENSEN DR	HOUSTON, 77093	1596
404	SSDRD	TX40186	4.850 WSW	MINER-DEDRICK	3390 INWOOD DR	HOUSTON, 77019	1598
405	WUD	4087253783	4.863 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1599
405	NWIS	USGS_29491309	4.863 NW	LJ-65-13-602	455 W 38TH ST	HOUSTON, 77018	1600
405	TWDB	65-13-602	4.863 NW	CITY OF HOUSTON HEIGHTS #9	455 W 38TH ST	HOUSTON, 77018	1601
406	TWDB	65-21-215	4.877 WSW	CITY OF WEST UNIVERSITY PLACE	2438 BISSONNET ST	HOUSTON, 77005	1605
407	WUD	3031054240	4.880 N	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77093	1607
408	SSDRD	TX184981	4.881 WSW	MAX WATSON	3389 INWOOD DR	HOUSTON, 77019	1608
408	TCEQ	TX199503	4.881 WSW	R.D.W.	3389 INWOOD DR	HOUSTON, 77019	1609
409	TCEQ	TX187759	4.887 E	VOSS INTERNATIONAL	775 GELLHORN DR	HOUSTON, 77029	1611
410	TWDB	65-22-407	4.889 SSW	WATSON SERVICE STATION	3250 OLD SPANISH TRL	HOUSTON, 77054	1614
411	TCEQ	TX205989	4.907 WSW	DOUGLAS GORDON	6 BRIARWOOD CT	HOUSTON, 77019	1616
412	HGSD	5961	4.908 S	INDUSTRIAL METAL FINISHING COMPANY	4200 PERRY ST	HOUSTON, 77021	1619
412	HGSD	1862	4.908 S	INDUSTRIAL METAL FINISHING COMPANY	4200 PERRY ST	HOUSTON, 77021	1620
412	TWDB	65-22-415	4.909 S	INDUSTRIAL METAL FINISHING CO.	4200 PERRY ST	HOUSTON, 77021	1621
412	TCEQ	TX199541	4.908 S	INDUSTRIAL METAL FINISHERS	4200 PERRY ST	HOUSTON, 77021	1623
412	TCEQ	TX199553	4.909 S	INDUSTRIAL METAL FINISHING	4200 PERRY ST	HOUSTON, 77021	1625
412	TCEQ	TX205700	4.909 S	INDUSTRIAL METAL FINISHERS	4200 PERRY ST	HOUSTON, 77021	1627
412	HGSD	4495	4.908 S	INDUSTRIAL METAL FINISHING COMPANY	4200 PERRY ST	HOUSTON, 77021	1629
413	TCEQ	TX199086	4.913 WNW	AUTOMATION PRODUCTS, INC.	3102 MAXROY ST	HOUSTON, 77008	1630

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
414	TCEQ	TX205985	4.917 WSW	JOHN YOUNG	11 BRIARWOOD CT	HOUSTON, 77019	1632
415	HGSD	11394	4.921 SW	METHODIST HOSPITAL, THE	6550 FANNIN ST	HOUSTON, 77030	1634
416	TWDB	65-14-921	4.924 E	HOUSTON L & P CO.	8787 EAST FWY	HOUSTON, 77029	1635
417	TCEQ	TX206127	4.930 W	MEG GOODMAN	3458 INWOOD DR	HOUSTON, 77019	1637
418	WUD	1165274282	4.950 N	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	1639
418	TWDB	65-14-106	4.940 N	CITY OF HOUSTON IRVINGTON	2911 LUELL ST	HOUSTON, 77093	1640
419	TCEQ	TX205413	4.941 SSE	BLACKWELL PLASTICS	5606 CAVANAUGH ST	HOUSTON, 77021	1642
420	HGSD	10786	4.959 SSW		2301 OLD SPANISH TRL	HOUSTON, 77030	1646
420	HGSD	2569	4.960 SSW	VA HOSPITAL	2301 OLD SPANISH TRL	HOUSTON, 77030	1647
420	TCEQ	TX199515	4.960 SSW	VETERANS ADMINISTRATION HOSPITAL	2301 OLD SPANISH TRL	HOUSTON, 77030	1648
420	TCEQ	TX206844	4.960 SSW	V.A. MEDICAL CENTER	2301 OLD SPANISH TRL	HOUSTON, 77030	1651
420	HGSD	5530	4.960 SSW		2301 OLD SPANISH TRL	HOUSTON, 77030	1653
421	SSDRD	TX165613	4.969 N	JOHNSON NGUYEN	8802 MANUS ST	HOUSTON, 77093	1654
422	TCEQ	TX205983	4.975 WSW	ST. JOHN'S SCHOOL	3378 WESTHEIMER RD	HOUSTON, 77019	1655
423	WUD	974551907	4.991 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77018	1657
423	NWIS	USGS_29493109	4.991 NW	LJ-65-13-601	ADDRESS NOT LISTED	HOUSTON, 77018	1658
423	TWDB	65-13-601	4.991 NW	CITY OF HOUSTON HEIGHTS #10	ADDRESS NOT LISTED	HOUSTON, 77018	1659
424	HGSD	5717	4.994 WSW	ST. JOHNS SCHOOL	2737 BUFFALO SPEEDWAY	HOUSTON, 77098	1666
425	SSDRD	TX222666	4.996 SW	TMH	0 FANNIN ST	HOUSTON, 77030	1667
426	TCEQ	TX205998	4.997 WSW	ARCTIC AIR WARD HAGGARD	3413 PIPING ROCK LN	HOUSTON, 77027	1668

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 1 **Distance from Property: 0.11 mi. S**

WELL ID:	**1807**
OWNERS NAME:	**BUILDERS SUPPLY CO. OF HOUSTON**
YEAR DRILLED:	**1982**
DEPTH DRILLED:	**NOT REPORTED**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.351342000**
LATITUDE:	**29.766027000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 1 **Distance from Property: 0.11 mi. S**

STATE ID:	**65-14-767**
OWNER'S NAME:	**BUILDERS SUPPLY**
DATE DRILLED:	**00/00/1981**
DEPTH DRILLED:	**520'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.351340000**
LATITUDE:	**29.766026000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514767/6514767.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514767 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294557 **Longitude** 952101 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Builders Supply

Driller
Raymond Water Wells

Address _____ **Tenant/Oper.** _____

Date Drilled / /1981 **Depth** 520 **Source of Depth** D **Altitude** 25 **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 -** INDUSTRIAL **Secondary -** **Tertiary -**

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

WATER LEVELS 1 measurement
1981
-260

Recorded By _____ **Date Record Collected or Updated -** 12/ /1988

Reporting Agency 02

REMARKS -
Reported yield 200 gpm with 40 ft drawdown.

Aquifer - 112CHCT **ID -** 15

CHICOT
AQUIFER

Tuesday, August 30, 2005

Well Number - 6514767

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 1 **Distance from Property: 0.11 mi. S**

ID NUMBER:	**TX199447**
STATE ID :	**65-14-7F**
OWNER NAME:	**BUILDERS SUPPLY**
DATE DRILLED:	**02/20/1981**
DEPTH DRILLED:	**455'**
STATIC LEVEL:	**260'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.351342000**
LATITUDE:	**29.766026000**

1 PAGE(S) OF DRILLERS' LOGS

13 Sept 81 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. 65-14-7E
Located on map Y W
Received:

1) OWNER Builders Supply (Name) Address 610 McKee St. (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. AMP Oil #65-05-07

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 2-20-81

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
5 3/4	Surface	520'
9 3/4	"	455'

From (ft.)	To (ft.)	Description and color of formation material
0	10	Fill Dirt
10	15	Red Gray
15	20	Sand
20	45	Red Gray
45	52	Sand
52	100	Red Gray
100	160	Red Gray
160	170	Sand 10 Ft.
170	180	Red Gray
180	230	Sand 50 ft.
230	260	Red Gray
260	280	Sand 20 Ft.
280	288	Red Gray
288	317	Sand 16 ga. 29ft.
317	321	Red Gray
321	340	Sand 19'
340	380	Red Gray
380	420	Red Gray
420	440	Red Gray
440	446	Sand 6 ft.
446	455	Red Gray
455	476	Sand 20 ft.
476	478	Clay
478	506	Sand 28 ft.
506	510	Rock Sand
510	520	Clay

RECEIVED AUG 2 1982

(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
5"	N	Steel Casing	+18"	455'	
4"	N	Steel Blank Liner	520	510	
4"	N	Howard Smith Stainless Rod Base Screen	510	482	12ga.
4"	N	Steel Blank Liner	482	480	
4"	N	Howard Smith Rod Base Screen	480	460	8 ga.
4"	N	Steel Blank Liner	460	439	

CEMENTING DATA
Cemented from 455' ft. to Surface ft.
Method used Pressure Cemented
Cemented by Raymond Water Wells (Company or Individual)

9) WATER LEVEL:
Static level 260 ft. below land surface Date 2-20-81
Artesian flow gpm. Date

10) PACKERS: Type "Lead Seal" Depth 439

11) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., 378' ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 200 gpm with 40 ft. drawdown after 24 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) Houston, Texas (City) 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

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 1 **Distance from Property: 0.11 mi. S**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294556095210001**
STATION NAME: **LJ-65-14-767**
SITE TYPE: **GW**
LATITUDE: **29.766026000** LONGITUDE: **-95.351340000**
DATE DRILLED: **02/20/1981**
WELL DEPTH: **520 feet**
HOLE DEPTH: **520 feet**
LOCAL AQUIFER: **CHICOT AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 1 **Distance from Property: 0.11 mi. S**

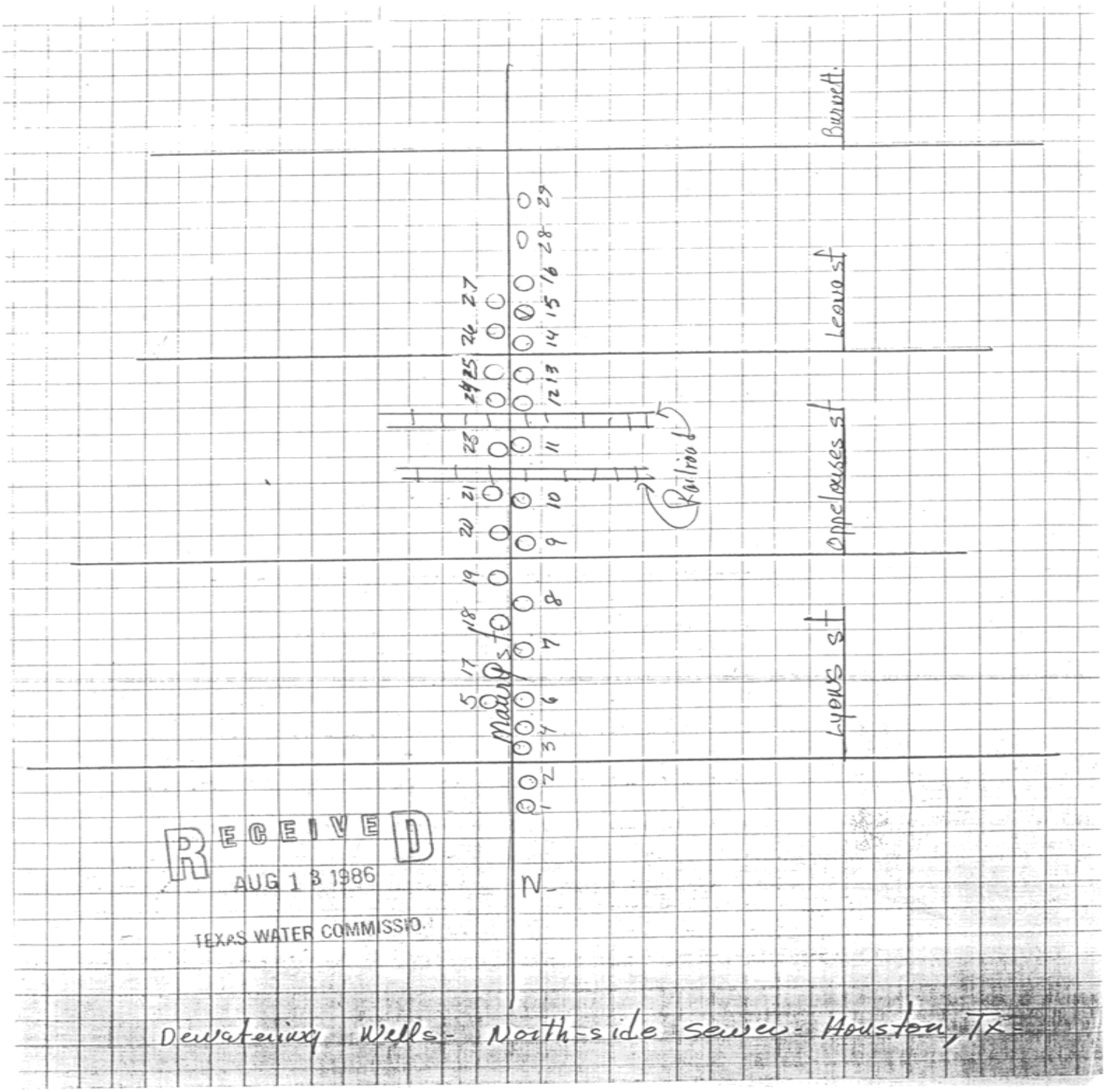
WELL ID:	**3625**
OWNERS NAME:	**BUILDERS SUPPLY CO. OF HOUSTON**
YEAR DRILLED:	**1981**
DEPTH DRILLED:	**NOT REPORTED**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.351340000**
LATITUDE:	**29.766028000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 2 **Distance from Property: 0.21 mi. NNE**

ID NUMBER:	**TX205269**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONSTRUCTION WELL #2**
DATE DRILLED:	**05/22/1986**
DEPTH DRILLED:	**80'**
STATIC LEVEL:	**43.5'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349454000**
LATITUDE:	**29.771445000**

2 PAGE(S) OF DRILLERS' LOGS


Burnett
Leona st
Appelouses st
Lyons st
Railroad
Main st
RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION
N
Dewatering Wells - North-side sewer - Houston, TX

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711 — well #2

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 Greenfield Construction (Name) Address (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
☑ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 5-22 1986 Completed 5-22 1986

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
15"	Surface	80'

From (ft.)	To (ft.)	Description and color of formation material
0	5'	Gravel
5'	34'	Red & white Clay
34'	34½'	Sand Stone
34½'	79'	Brown Sand
79	80	Red Clay

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 10 ft. to 80 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
6	N	P.V.C.	59'	79'	020

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 NONE
Cemented by

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)] NONE
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 43½ ft. below land surface Date 5-22-86
Artesian flow gpm. Date

12) PACKERS: Type NONE 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: 2 gpm with total ft. drawdown after hrs.

RECEIVED
AUG 13 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 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 Stang Dewatering Inc (Type or Print) Water Well Driller's License No. 2644W

ADDRESS 3801 Trailmobile Dr. (Street or RFD) Houston (City) Texas (State) 77045 (Zip)

(Signed) (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. 65-14-7 Located on map

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 2 **Distance from Property: 0.23 mi. NNE**

ID NUMBER:	**TX205270**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONST. WELL #3**
DATE DRILLED:	**05/30/1986**
DEPTH DRILLED:	**76'**
STATIC LEVEL:	**45.5'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349473000**
LATITUDE:	**29.771738000**

2 PAGE(S) OF DRILLERS' LOGS

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711 well #3

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 Greenfield Const. (Name) Address (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
✓ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 5-30 1986 Completed 5-30 1986

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
15"	Surface	76'

From (ft.)	To (ft.)	Description and color of formation material
0	5	Sand & Gravel
5	35½	Red & Brown White Clay
35½	71	Brown Sand
71	72	Red Clay
72	76	Red Clay

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 10 ft. to 76 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
N	6"	P.V.C.	53'	73'	.030

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 NONE
Cemented by

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)] NONE
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 45'6" ft. below land surface Date 5-30-86
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: 25 gpm with ft. drawdown after hrs.

RECEIVED
AUG 13 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

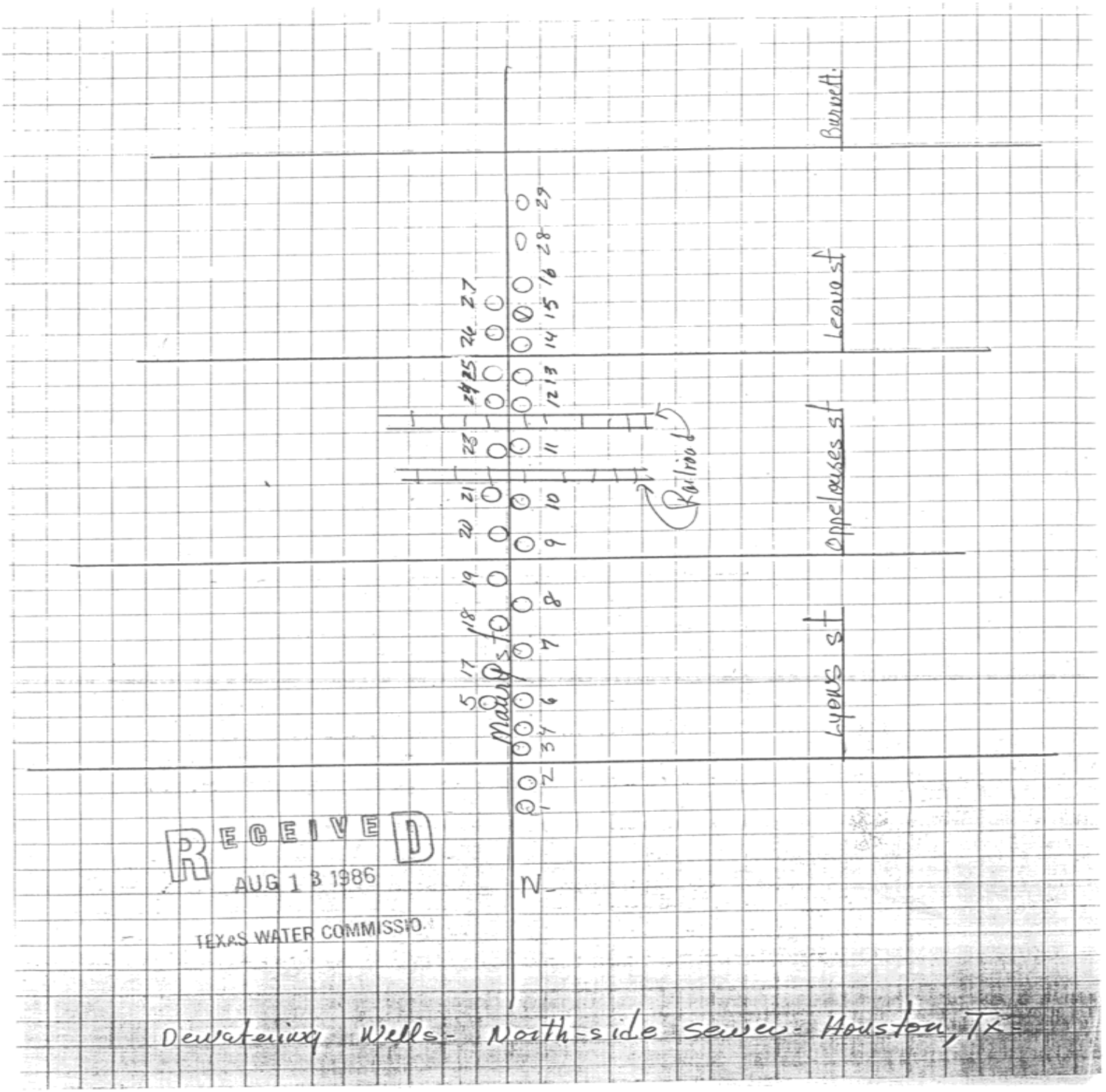
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Strug Dewatering Inc. (Type or Print) Water Well Driller's License No. 2644 W
ADDRESS 380 (Street or RFD) trailmobile Dr. (City) Houston Texas (State) 77013 (Zip)
(Signed) (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. 65-14-7 Located on map

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


Burnett
Leona st
Appelouses st
Lyons st
Railroad
Main st
RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION
N
Dewatering Wells - North-side sewer - Houston, TX

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 2 **Distance from Property: 0.21 mi. NNE**

ID NUMBER:	**TX205268**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONST. WELL #1**
DATE DRILLED:	**05/21/1986**
DEPTH DRILLED:	**69'**
STATIC LEVEL:	**13.5'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349454000**
LATITUDE:	**29.771331000**

2 PAGE(S) OF DRILLERS' LOGS

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711 — well #1

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 Greenfield Const. (Name) Address (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
☑ 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 Dewatering

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

6) WELL LOG:
Date Drilling: Started 5-21 1986 Completed 5-21 1986

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
15"	Surface	69'

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☑ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 10 ft. to 69 ft.

From (ft.)	To (ft.)	Description and color of formation material
0	5	Rock & Gravel
5	32	Red & White Clay
32	33	Sand Rock
33	69	Fine Brown 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	Setting (ft.) To	Gage Casing Screen
6"	N	P.V.C.	47'	67'	020

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
Cemented by NONE

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]
NONE

11) WATER LEVEL:
Static level 13½ ft. below land surface Date 5-21-86
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: 20 gpm with total ft. drawdown after hrs.

RECEIVED
AUG 1 8 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 Stang Dewatering Inc. (Type or Print) Water Well Driller's License No. 2644 W

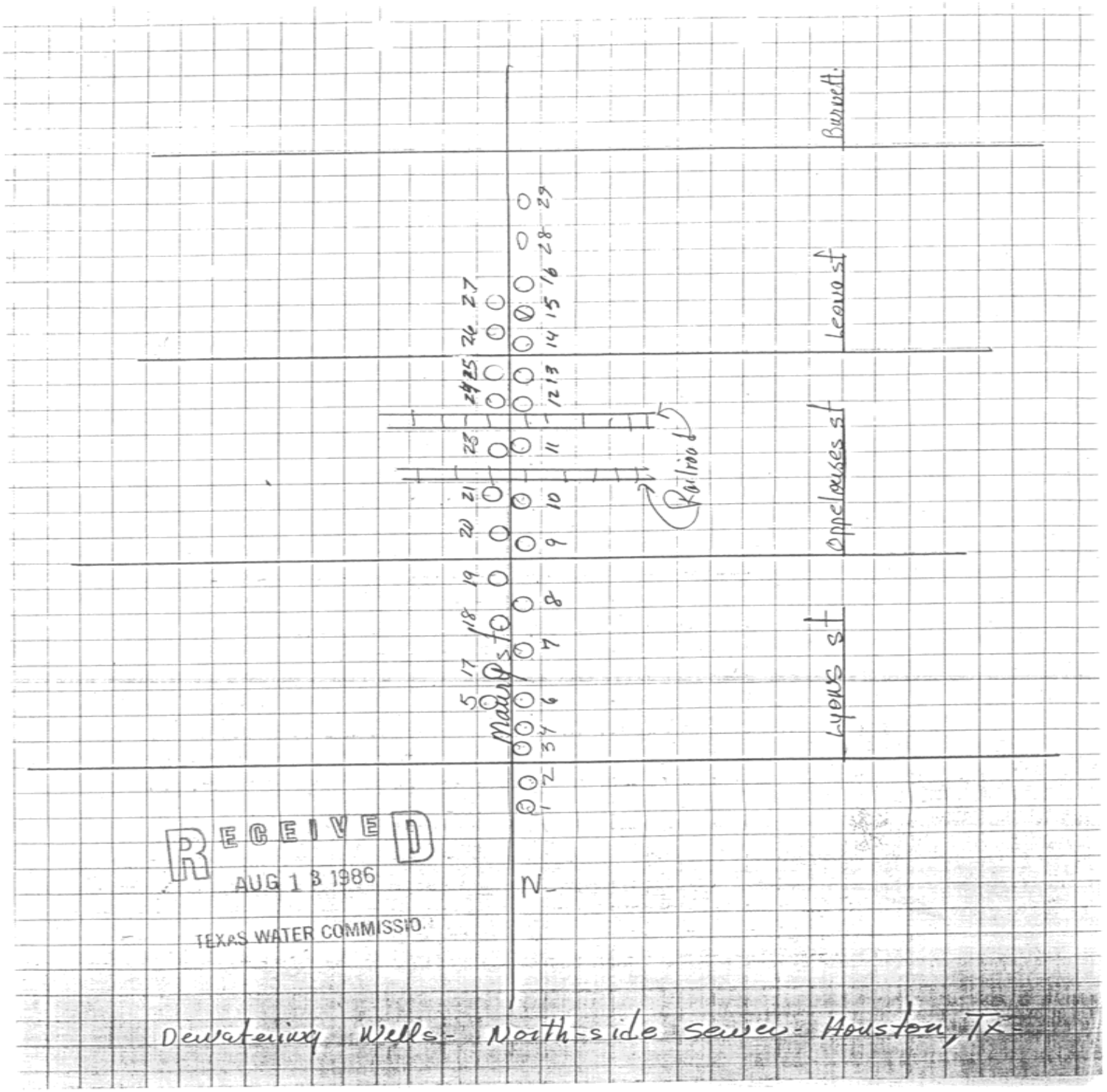
ADDRESS 3801 Trail Mobile Dr. (Street or RFD) Houston (City) Texas (State) 77013 (Zip)

Signed (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. 65-14-7 Located on map

TWC 392 (Rev. 06-10-85) TEXAS WATER COMMISSION COPY


Burnett
Leona st
Appelouses st
Lyons st
Main st
Railroad
RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION
N
Dewatering Wells - North-side Sewer - Houston, TX

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 3 **Distance from Property: 0.22 mi. SSW**

WELL ID:	**1181**
OWNERS NAME:	**HOUSTON LIGHTING & POWER COMPANY**
YEAR DRILLED:	**1949**
DEPTH DRILLED:	**1500'**
STATIC LEVEL:	**900'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.352883000**
LATITUDE:	**29.764811000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 3 **Distance from Property: 0.22 mi. SSW**

STATE ID:	**65-14-704**
OWNER'S NAME:	**HOUSTON LIGHTING AND POWER CO**
DATE DRILLED:	**00/00/1949**
DEPTH DRILLED:	**1550'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.352881000**
LATITUDE:	**29.764810000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514704/6514704.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514704 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294554 **Longitude** 952111 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Houston Lighting and
Power Co

Driller
Layne Texas

Address _____ **Tenant/Oper.** _____

Date Drilled / /1949 **Depth** 1550 **Source of Depth** **Altitude** 35 **Source of Alt.**

Well Type W **User** 398000

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 -** 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-** _____

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

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

WATER LEVELS 3 measurements
1949 to 1952
MIN -240 MAX -198

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
295 ft of screen between 925 and
1545 ft. Reported yield 2000 gpm
with 60 ft drawdown when drilled.
Test hole drilled to 1921 ft.
Well 3.

Aquifer - 121EVGL **ID -** 15

EVANGELINE
AQUIFER

Wednesday, July 05, 2006

Well Number - 6514704

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 3 **Distance from Property: 0.22 mi. SSW**

STATE ID:	**65-14-714**
OWNER'S NAME:	**HOUSTON LIGHTING AND POWER CO**
DATE DRILLED:	**00/00/1939**
DEPTH DRILLED:	**887'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.352880000**
LATITUDE:	**29.764810000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514714/6514714.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514714 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294553 **Longitude** 952110 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Houston Lighting
and Power Co

Driller
Layne Texas

Address _____ **Tenant/Oper.** _____

Date Drilled / /1939 **Depth** 887 **Source of Depth** **Altitude** 37 **Source of Alt.**

Well Type W **User** 398000

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 -** 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-** _____

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

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

WATER LEVELS 1 measurement
1939
-95

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
91 ft of screen between 747 and 873 ft. Reported yield 751 gpm with 63 ft drawdown when drilled. Gable St.

Aquifer - 121EVGL **ID -** 15
EVANGELINE AQUIFER

Wednesday, July 05, 2006

Well Number - 6514714

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 3 **Distance from Property: 0.22 mi. SSW**

STATE ID:	**65-14-737**
OWNER'S NAME:	**HOUSTON LIGHTING AND POWER CO.**
DATE DRILLED:	**00/00/1922**
DEPTH DRILLED:	**873'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.352882000**
LATITUDE:	**29.764810000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514737/6514737.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514737 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294547 **Longitude** 952110 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
Houston Lighting and Power co.

Driller
Taylor and Roberts

Address _____ **Tenant/Oper.** _____

Date Drilled / /1922 **Depth** 873 **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 2 measurements
1931 to 1940
MIN -119 MAX -73

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
110 ft of screen between 741 and 873 ft. Well destroyed. Well 1.

Aquifer - 121EVGL **ID -** 15
EVANGELINE AQUIFER

Wednesday, July 05, 2006

Well Number - 6514737

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 3 **Distance from Property: 0.22 mi. SSW**

WELL ID:	**1180**
OWNERS NAME:	**HOUSTON LIGHTING & POWER COMPANY**
YEAR DRILLED:	**1939**
DEPTH DRILLED:	**887'**
STATIC LEVEL:	**760'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.352882000**
LATITUDE:	**29.764812000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 4 **Distance from Property: 0.23 mi. NNE**

ID NUMBER:	**TX205272**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONSTRUCTION WELL #5**
DATE DRILLED:	**06/03/1986**
DEPTH DRILLED:	**74'**
STATIC LEVEL:	**47'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349830000**
LATITUDE:	**29.771738000**

2 PAGE(S) OF DRILLERS' LOGS

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711 — well #5

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 Greenfield Construction (Name) Address (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
☐ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 6-3 1986 Completed 6-3 1986

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
15"	Surface	74

7) BOREHOLE COMPLETION: ☐ Open Hole ☑ Gravel Packed ☐ Straight Wall ☐ Underreamed ☐ Other
If Gravel Packed give interval . . . from 10 ft. to 74 ft.

From (ft.)	To (ft.)	Description and color of formation material
0	4	Gravel
4	7	Blue Clay
7	32	Red Yellow Clay
32	33	Sand Stone
33	69	Brown Sand
69	74	Red 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
6	N	P.V.C.	51½	71½	.040

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 NONE
Cemented by

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)] NONE
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 47 ft. below land surface Date
Artesian flow gpm. Date

12) PACKERS: Type NONE 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: 20 gpm with ft. drawdown after hrs.

RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION

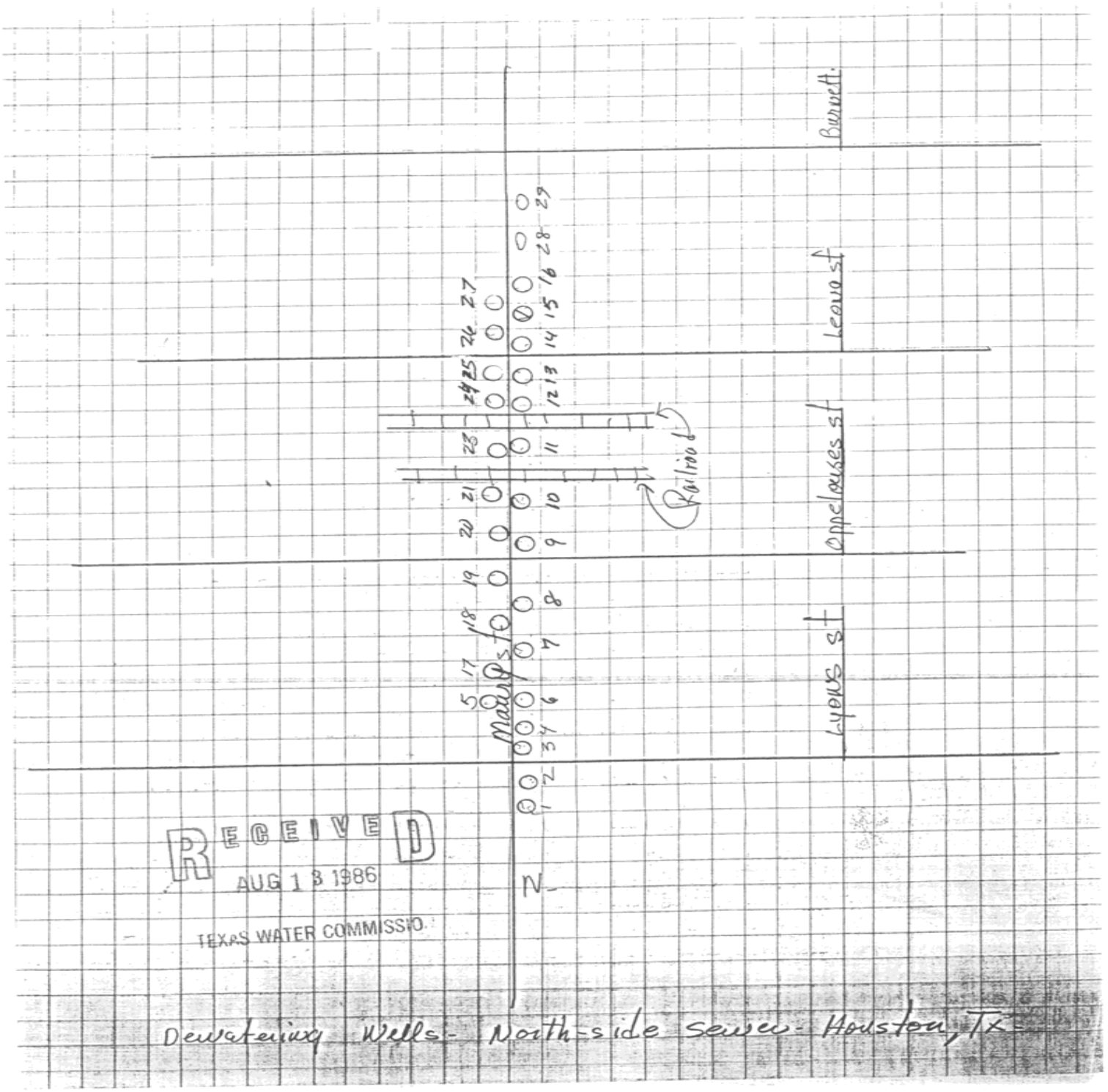
(Use reverse side if necessary)

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 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 Stang Dewatering Inc (Type or Print) Water Well Driller's License No. 2644W
ADDRESS 3801 Trailmobile Dr. (Street or RFD) Houston (City) Texas (State) 77045 (Zip)
(Signed) (Licensed Water Well Driller) (Signed) (Registered Driller Trainee)
Please attach electric log, chemical analysis, and other pertinent information, if available.
For TWC use: Well No. 65-14-7 Located on map

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


Burnett
Leona st
Appelouses st
Lyons st
Railroad
Main st
RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION
N
Dewatering Wells - North-side Sewer - Houston, TX

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 4 **Distance from Property: 0.25 mi. NNE**

ID NUMBER:	**TX205273**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONSTRUCTION WELL #6**
DATE DRILLED:	**06/06/1986**
DEPTH DRILLED:	**75'**
STATIC LEVEL:	**37'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349473000**
LATITUDE:	**29.771998000**

2 PAGE(S) OF DRILLERS' LOGS

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

Well #6

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 GreenField Construction (Name) Address (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
☑ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 6-6- 1986 Completed 6-6- 1986

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
15"	Surface	75

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 10 ft. to 95 ft.

From (ft.)	To (ft.)	Description and color of formation material
0	2	Gravel
2	7	Blue Clay
7	30	Red Clay
30	41	Brown Sand
41	42	Sand Stone
42	47	Red Clay
47	51	Brown Sand
51	60	Red Clay
60	68	Brown Sand
68	75	Red Clay

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
6	N	P.V.C.	0	51	sch40
6	N	P.V.C.	51	91	sch40

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
Cemented by NONE

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)] NONE
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 37 ft. below land surface Date 6-6-86
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: 18 gpm with ft. drawdown after hrs.

RECEIVED
AUG 13 1986
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 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 Stang Hydronics Inc. (Type or Print) Water Well Driller's License No. 2644W

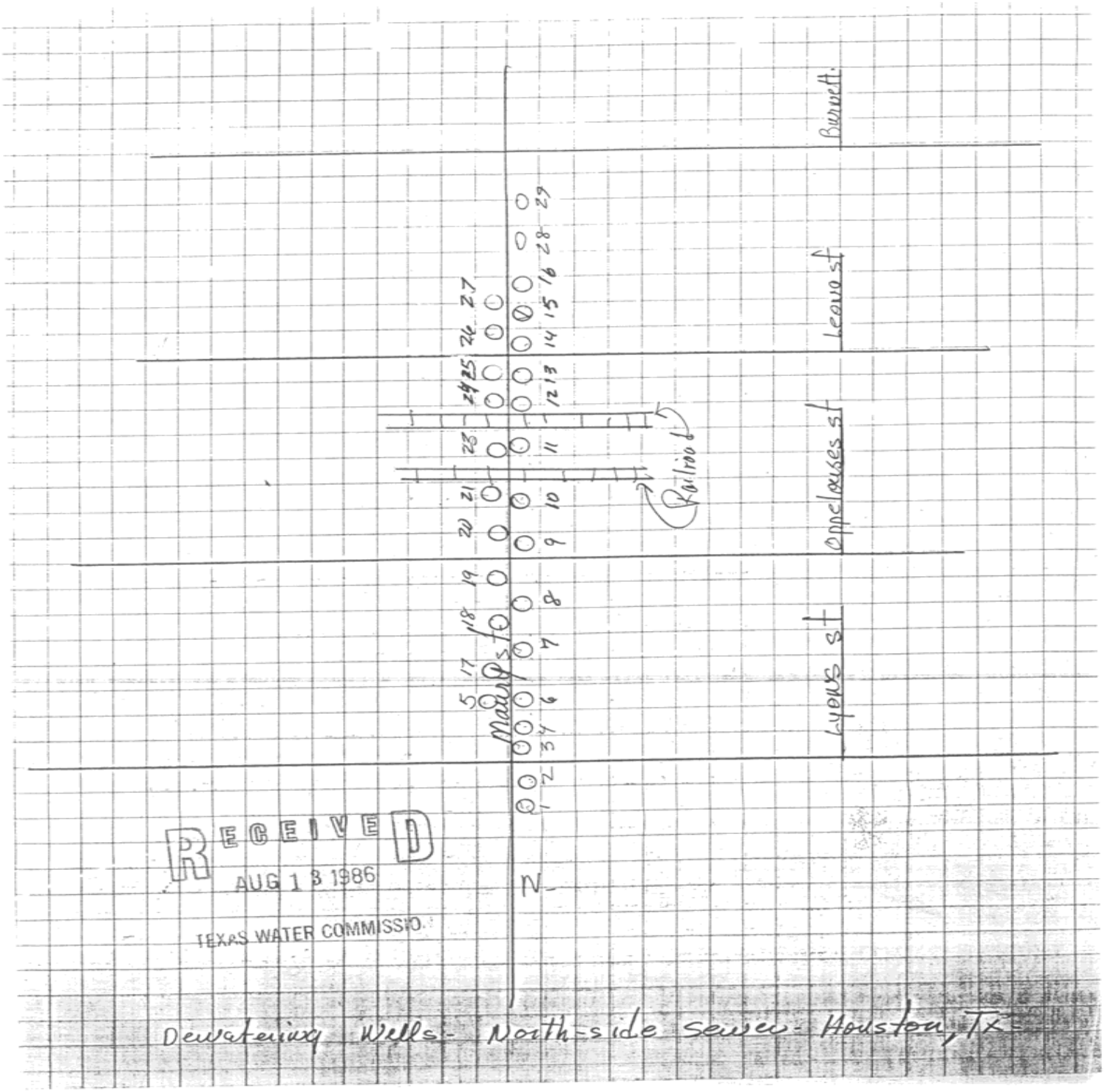
ADDRESS 3801 Trailmobile Dr. (Street or RFD) Houston (City) Texas (State) 77013 (Zip)

(Signed) (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. 65-14-7 Located on map

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


Burnett
Leona st
Onclouses st
Lyons st
Main st
Railroad
RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION
N
Dewatering Wells - North-side Sewer - Houston, TX

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 4 **Distance from Property: 0.24 mi. NNE**

ID NUMBER:	**TX205284**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONST. WELL #17**
DATE DRILLED:	**06/27/1986**
DEPTH DRILLED:	**70'**
STATIC LEVEL:	**40'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349829000**
LATITUDE:	**29.771888000**

2 PAGE(S) OF DRILLERS' LOGS

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

well #17

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 Green Field Const. (Name) Address (Street or RFD) Houston TX (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
☐ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 6-27 19 86 Completed 6-27 19 86

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
15"	Surface	70'

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 10 ft. to 70 ft.

From (ft.)	To (ft.)	Description and color of formation material
0	1	Sand & Gravel
1	4	Blue Clay
4	34	Red & White Clay
34	35	Sand Stone
35	69	Brown Sand
69	70	Red Clay

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
6	N	P.V.C. Riser	0	49	
6	N	P.V.C. Screen	49	69	.020

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 None
Cemented by

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)] None
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 40 ft. below land surface Date
Artesian flow gpm. Date

12) PACKERS: Type None 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 13 1986
TEXAS WATER COMMISSION

(Use reverse side if necessary)

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 Stang Dewatering (Type or Print) Water Well Driller's License No. 2644W

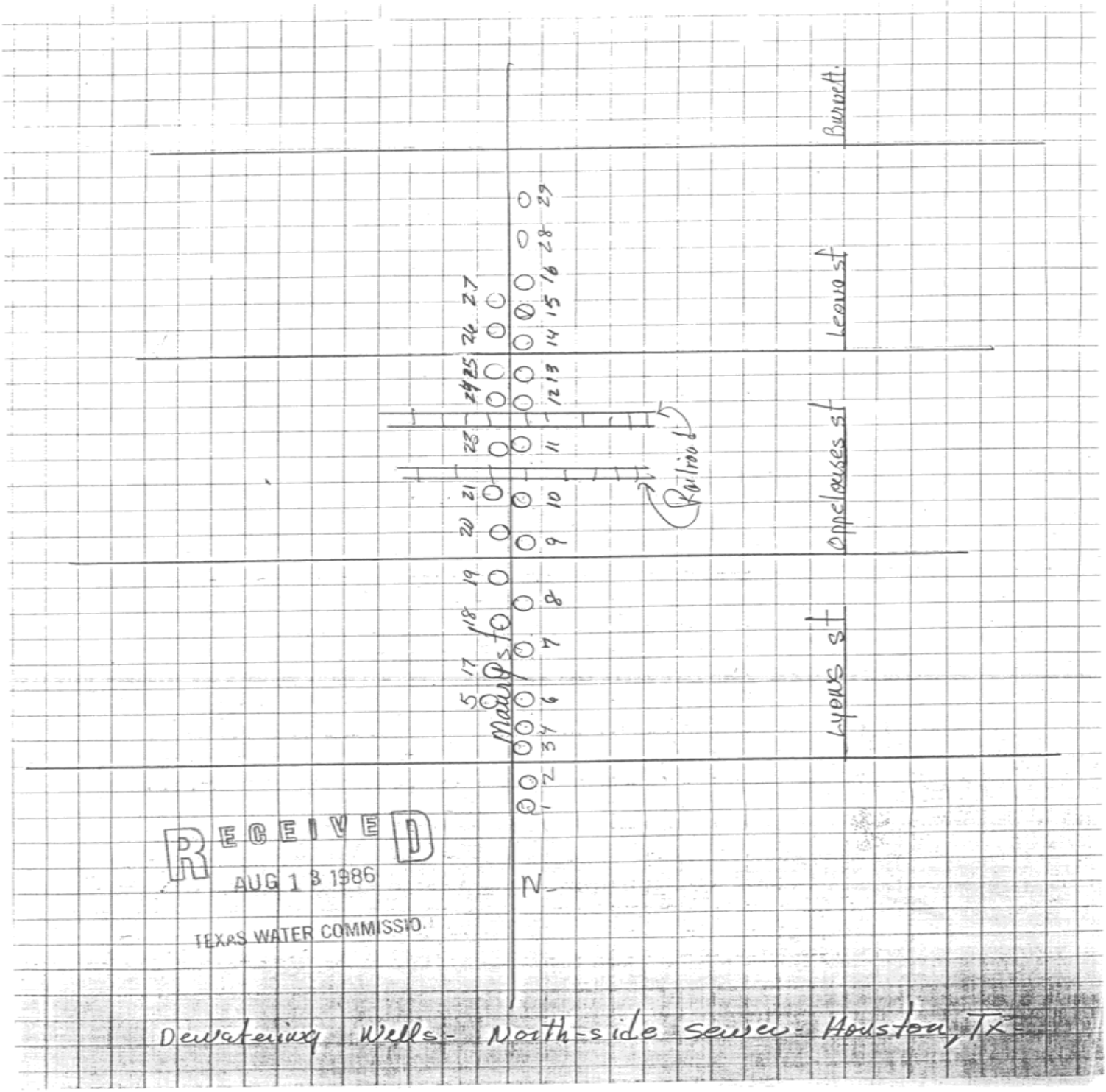
ADDRESS 3801 Trailmobile Dr. (Street or RFD) Houston (City) Texas (State) 77026 (Zip)

(Signed) (Licensed Water Well Driller) (Signed) (Registered Driller Trainee)

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

For TWC use Well No. 65-14-7 Located on map

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


Bennett
Leona st
Appelouses st
Lyons st
Main st
Railroad
RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION
N
Dewatering Wells - North-side Sewer - Houston, TX

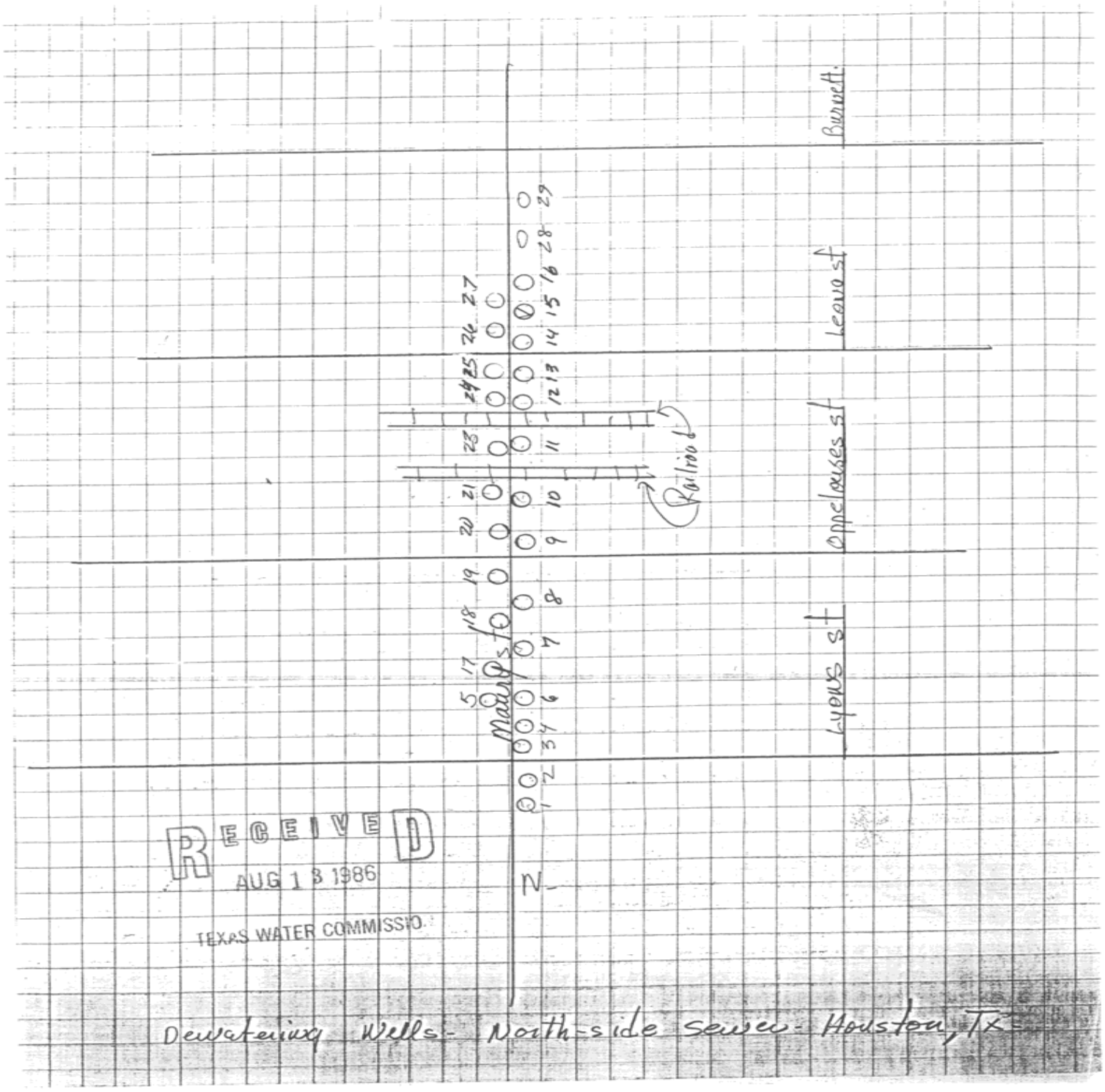
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 4 **Distance from Property: 0.25 mi. NNE**

ID NUMBER:	**TX205285**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONST. WELL #18**
DATE DRILLED:	**06/28/1986**
DEPTH DRILLED:	**74'**
STATIC LEVEL:	**43'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349829000**
LATITUDE:	**29.772034000**

2 PAGE(S) OF DRILLERS' LOGS

Water Well ID: 205285



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

well #18

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 Greenfield Const (Name) Address (Street or RFD) Houston TX (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
☐ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 6-28 1986 Completed 6-28 1986

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
15"	Surface	74

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☒ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 10 ft. to 74 ft.

From (ft.)	To (ft.)	Description and color of formation material
0	1	Gravel
1	4	Blue Clay
4	34	Red & White Clay
34	35	Sand Stone
35	37	Sand
37	38	Sand Stone
38	72	Brown Sand
72	74	Red Clay

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
6	N	P.V.C. Riser	0	52	
6	N	P.V.C. Screen	52	72	.020

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 NONE
Cemented by

10) SURFACE COMPLETION NONE
☐ 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 43 ft. below land surface Date
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: gpm with totally drawdown after hrs.

RECEIVED
AUG 13 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 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 Stang Dewatering (Type or Print) Water Well Driller's License No. 2644W
ADDRESS 3301 Trailmobile Dr. (Street or RFD) Houston (City) Texas (State) 77013 (Zip)
(Signed) (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 65-14-7

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 4 **Distance from Property: 0.24 mi. NNE**

ID NUMBER:	**TX205271**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONST. WELL #4**
DATE DRILLED:	**06/02/1986**
DEPTH DRILLED:	**73'**
STATIC LEVEL:	**45'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349473000**
LATITUDE:	**29.771900000**

2 PAGE(S) OF DRILLERS' LOGS

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

well #4

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 Greenfield Const. (Name) Address (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
☑ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 6-2 1986 Completed 6-2- 1986

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
15"	Surface	73'

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☑ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 10 ft. to 73 ft.

From (ft.)	To (ft.)	Description and color of formation material
0	5	Sand & Gravel
5	41	Red & White Clay
41	68½	Brown Sand
68½	73	Red Clay

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
6	N	P.V.C.	53	73	020

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
Cemented by NONE

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] NONE

11) WATER LEVEL:
Static level 45 ft. below land surface Date 6-2-86
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: 20 gpm with total ft. drawdown after hrs.

RECEIVED
AUG 13 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

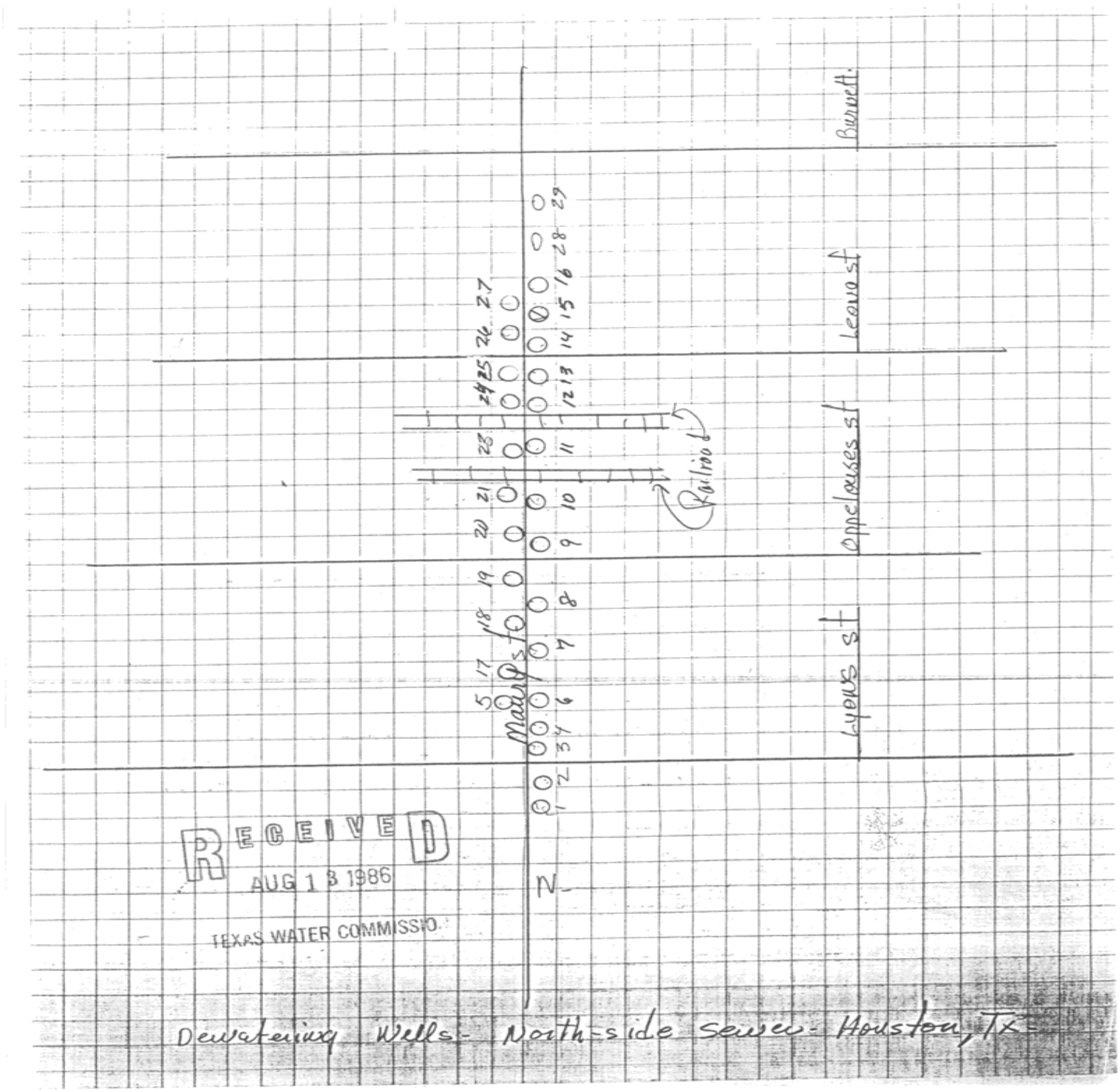
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Stang Dewatering Inc. (Type or Print) Water Well Driller's License No. 2644W
ADDRESS 3801 Trail Mobile Dr. (Street or RFD) Houston (City) Texas (State) 77013 (Zip)
(Signed) (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. 65-14-7
Located on map

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


Burnett
Leona st
Appelouses st
Lyons st
Railroad
RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION
N
Dewatering Wells - North-side sewer - Houston, TX

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 5 **Distance from Property: 0.26 mi. NNE**

ID NUMBER:	**TX205274**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONSTRUCTION WELL #7**
DATE DRILLED:	**06/11/1986**
DEPTH DRILLED:	**75'**
STATIC LEVEL:	**43'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349473000**
LATITUDE:	**29.772083000**

2 PAGE(S) OF DRILLERS' LOGS

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711 — well #7

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 Greenfield Const. (Name) Address (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
☑ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 6-11 1986 Completed 6-11 1986
DIAMETER OF HOLE: Dia. (in.) 15" From (ft.) Surface To (ft.) 25'

From (ft.)	To (ft.)	Description and color of formation material
0	1	Sand & Gravel
1	4	Blue Clay
4	34	Red & White Clay
34	74	Brown Sand w/some clay
74	75	Red Clay

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 10 ft. to 75 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
6	N	P.V.C.	0	54	Sch 40
6	N	P.V.C.	54	74	.020

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 NONE
Cemented by

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)] NONE
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 43 ft. below land surface Date 6-11-86
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: 20 gpm with total drawdown after hrs.

RECEIVED
AUG 13 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

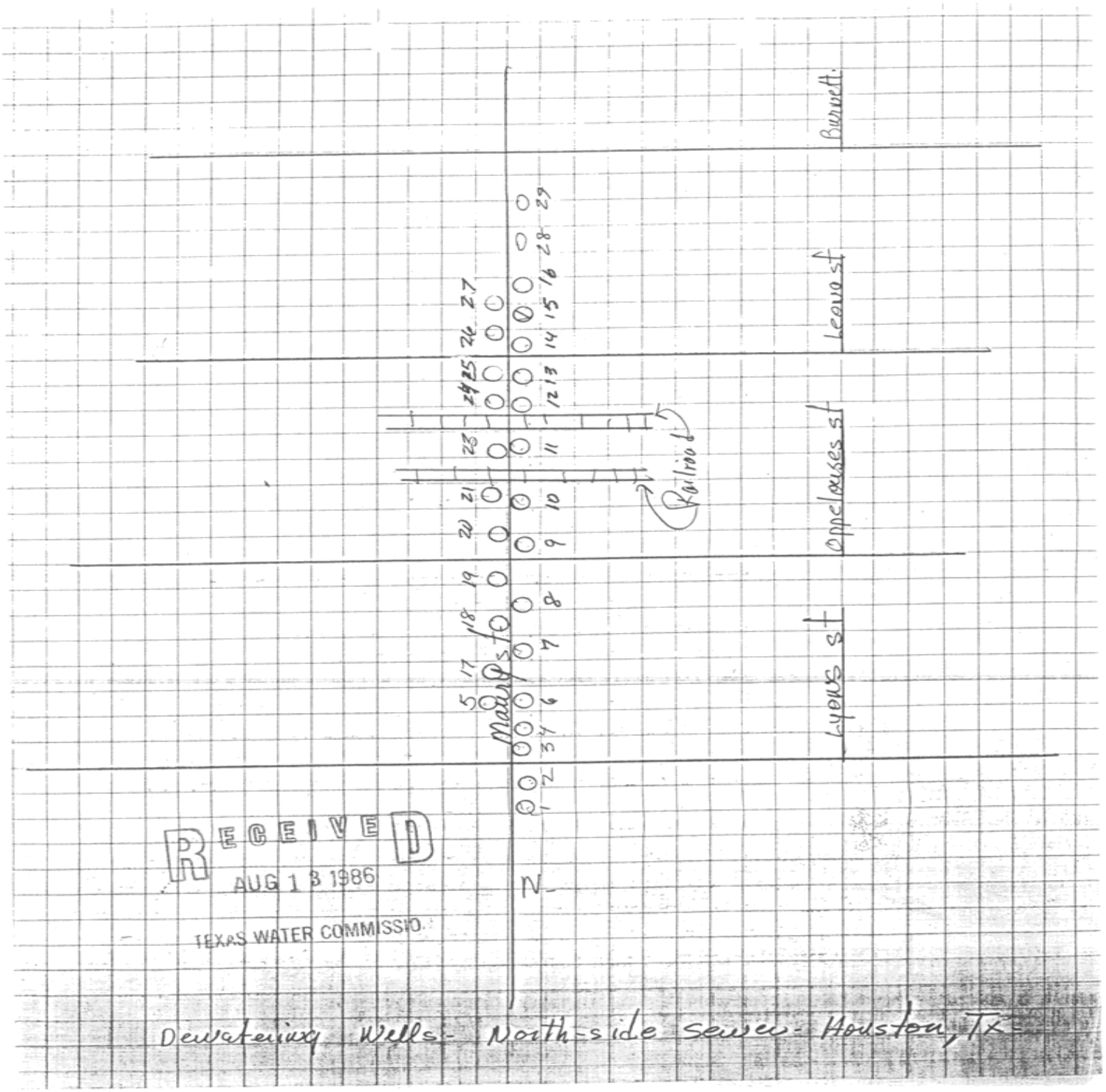
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Stang Dewatering (Type or Print) Water Well Driller's License No. 2644W
ADDRESS 3801 Trailmobile Dr. (Street or RFD) Houston (City) Texas (State) 77013 (Zip)
(Signed) (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. 65-14-7 Located on map

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

Page # 2 out of 2

Water Well ID: 205274



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

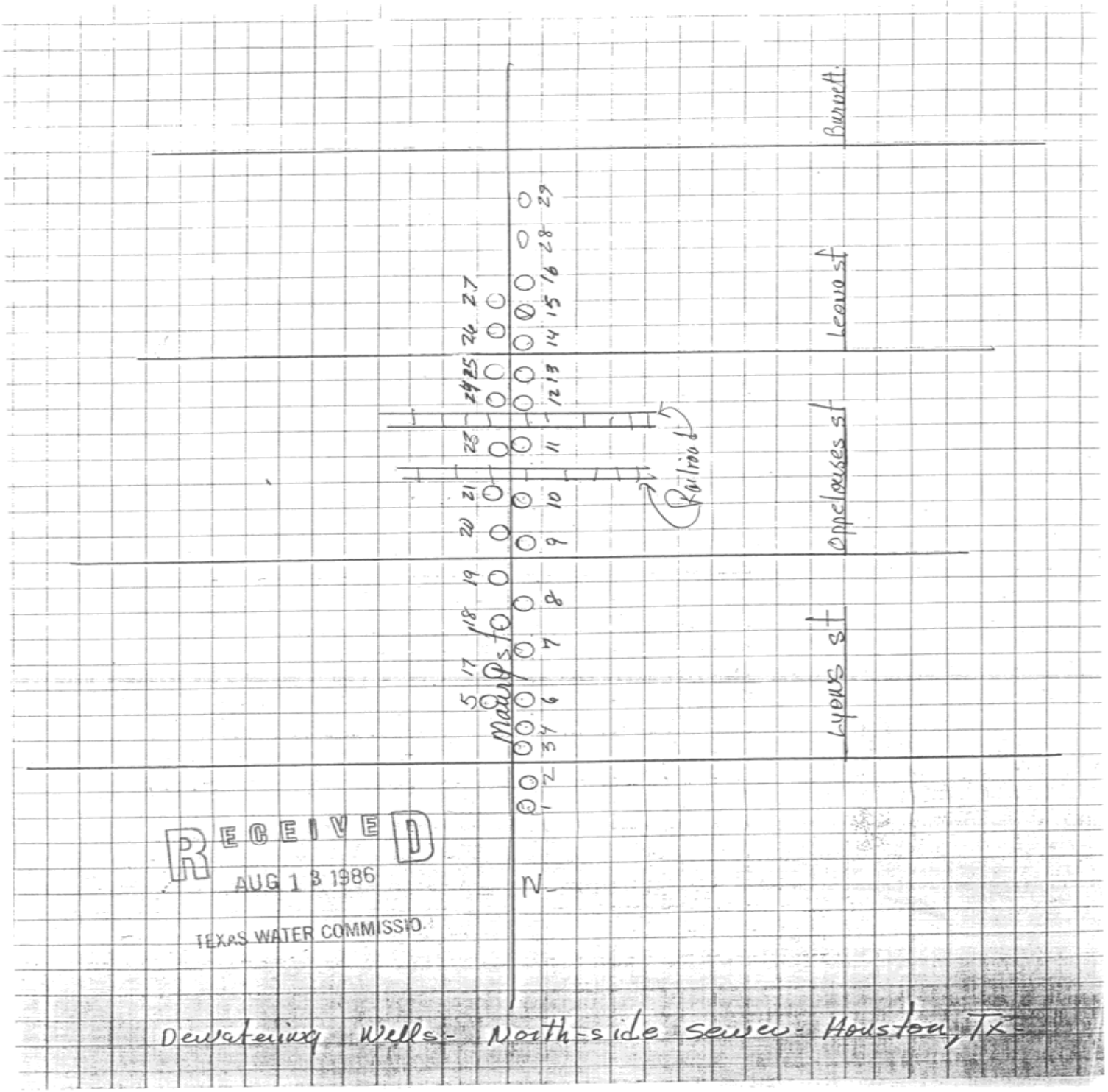
MAP ID# 6 **Distance from Property: 0.27 mi. NNE**

ID NUMBER:	**TX205286**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONST. WELL #19**
DATE DRILLED:	**07/01/1986**
DEPTH DRILLED:	**71'**
STATIC LEVEL:	**40'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349838000**
LATITUDE:	**29.772425000**

2 PAGE(S) OF DRILLERS' LOGS

Page # 1 out of 2

Water Well ID: 205286



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

well #19

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 Greenfield Const (Name) Address (Street or RFD) Houston (City) Texas (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
☐ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 2-1 1986 Completed 2-1 1986

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
15"	Surface	71

From (ft.)	To (ft.)	Description and color of formation material
0	1	Gravel
1	5	Blue Clay
5	30	Red & White Clay
30	69	Brown Sand
69	71	Red Clay

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 10 ft. to 71 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
6	N	P.V.C. Riser	0	49	
6	N	P.V.C. Riser	49	69	020

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 NONE
Cemented by

10) SURFACE COMPLETION NONE
☐ 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 40 ft. below land surface Date
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 10 ft. drawdown after hrs.

RECEIVED
AUG 13 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 Stang Dewatering Inc. (Type or Print) Water Well Driller's License No. 26446

ADDRESS 3801 Trailmobile Dr. (Street or RFD) Houston (City) Texas (State) 77063 (Zip)

(Signed) (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. 65-14-7 Located on map

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 6 **Distance from Property: 0.27 mi. NNE**

ID NUMBER:	**TX205275**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONSTRUCTION WELL #8**
DATE DRILLED:	**06/12/1986**
DEPTH DRILLED:	**73'**
STATIC LEVEL:	**45'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349491000**
LATITUDE:	**29.772335000**

2 PAGE(S) OF DRILLERS' LOGS

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

well #8

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 Greenfield Const. (Name) Address (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
☑ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 6-12 1986 Completed 6-12 1986

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
15"	Surface	73'

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 10 ft. to 23 ft.

From (ft.)	To (ft.)	Description and color of formation material
0	1	Gravel
1	6	Blue Clay
6	34	Red & White Clay
34	72	Brown Sand
72	73	Red Clay

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
6	N	P.V.C. Riser	0	52	40
6	N	P.V.C. Screen	52	72	020

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 NONE
Cemented by

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)] NONE
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 45 ft. below land surface Date 6-12-86
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: 20 gpm with total 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 13 1986
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 Stang Dewatering Inc. (Type or Print) Water Well Driller's License No. 2644W

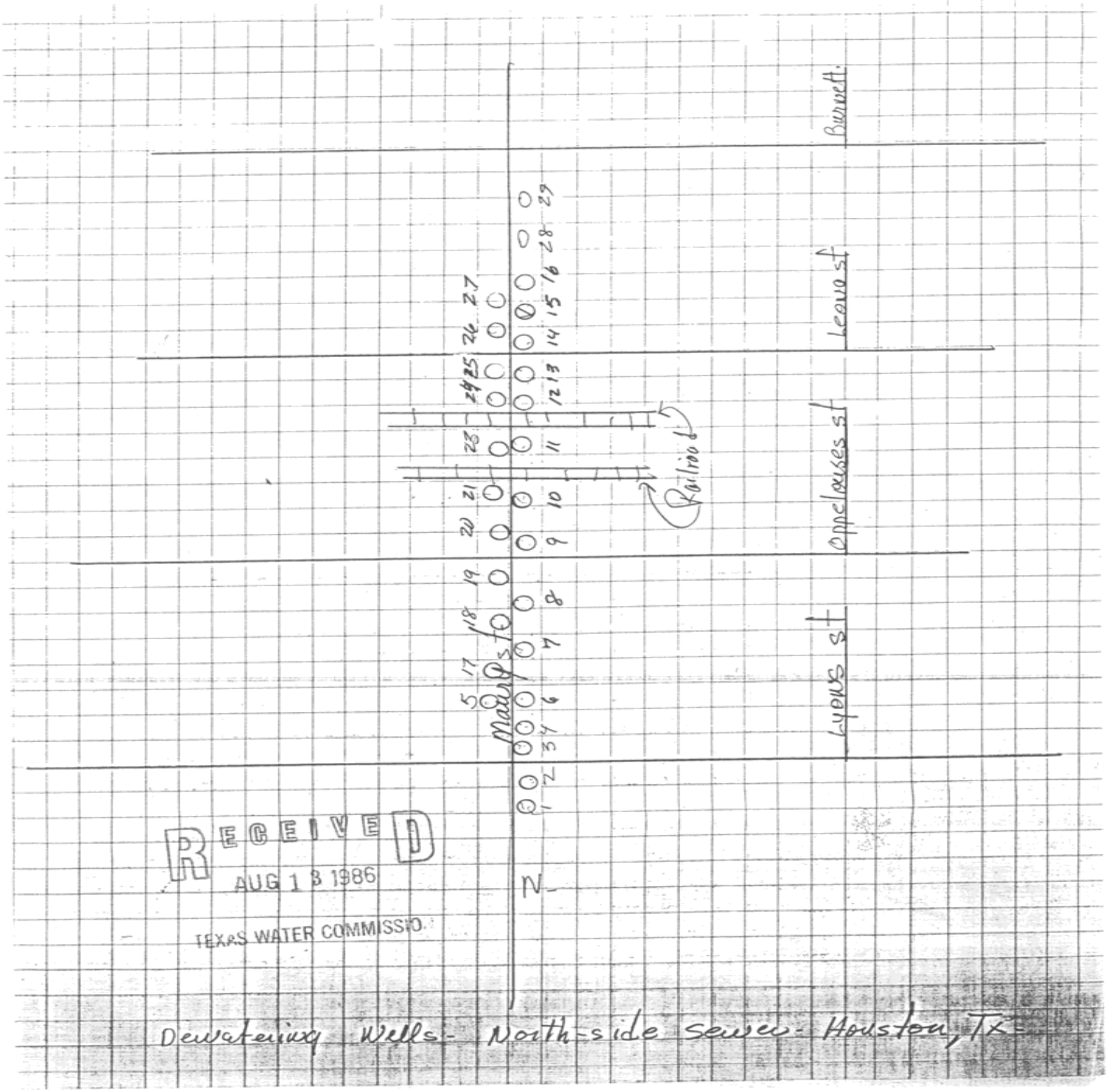
ADDRESS 3801 Trailmobile Dr. Houston Texas 77013 (Street or RFD) (City) (State) (Zip)

(Signed) (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 65-14-7

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


Bennett
Leona st
Appelouses st
Lyons st
Railroad
Main st
RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION
N
Dewatering Wells - North-side Sewer - Houston, TX

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 7 **Distance from Property: 0.30 mi. NNE**

ID NUMBER:	**TX205276**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONSTRUCTION WELL#9**
DATE DRILLED:	**06/14/1986**
DEPTH DRILLED:	**71'**
STATIC LEVEL:	**37'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349482000**
LATITUDE:	**29.772750000**

2 PAGE(S) OF DRILLERS' LOGS

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

well #9

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 Greenfield Const. (Name) Address (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: - County Harris miles 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
☑ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 6-14 1986 Completed 6-14 1986

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
15"	Surface	71

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☑ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 10 ft. to 71 ft.

From (ft.)	To (ft.)	Description and color of formation material
0	1	Sand Gravel
1	5	Blue Clay
5	32	Red & white Clay
32	69	Brown Sand w/some clay
69	71	Red Clay

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
6	N	PVC. Riser	0	50	040
6	N	PVC. Screen	50	70	.040

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
Cemented by NONE

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)] NONE
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 32 ft. below land surface Date
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: gpm with ft. drawdown after hrs.

RECEIVED
AUG 13 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 Stang Dewatering Inc. (Type or Print) Water Well Driller's License No. 2644W

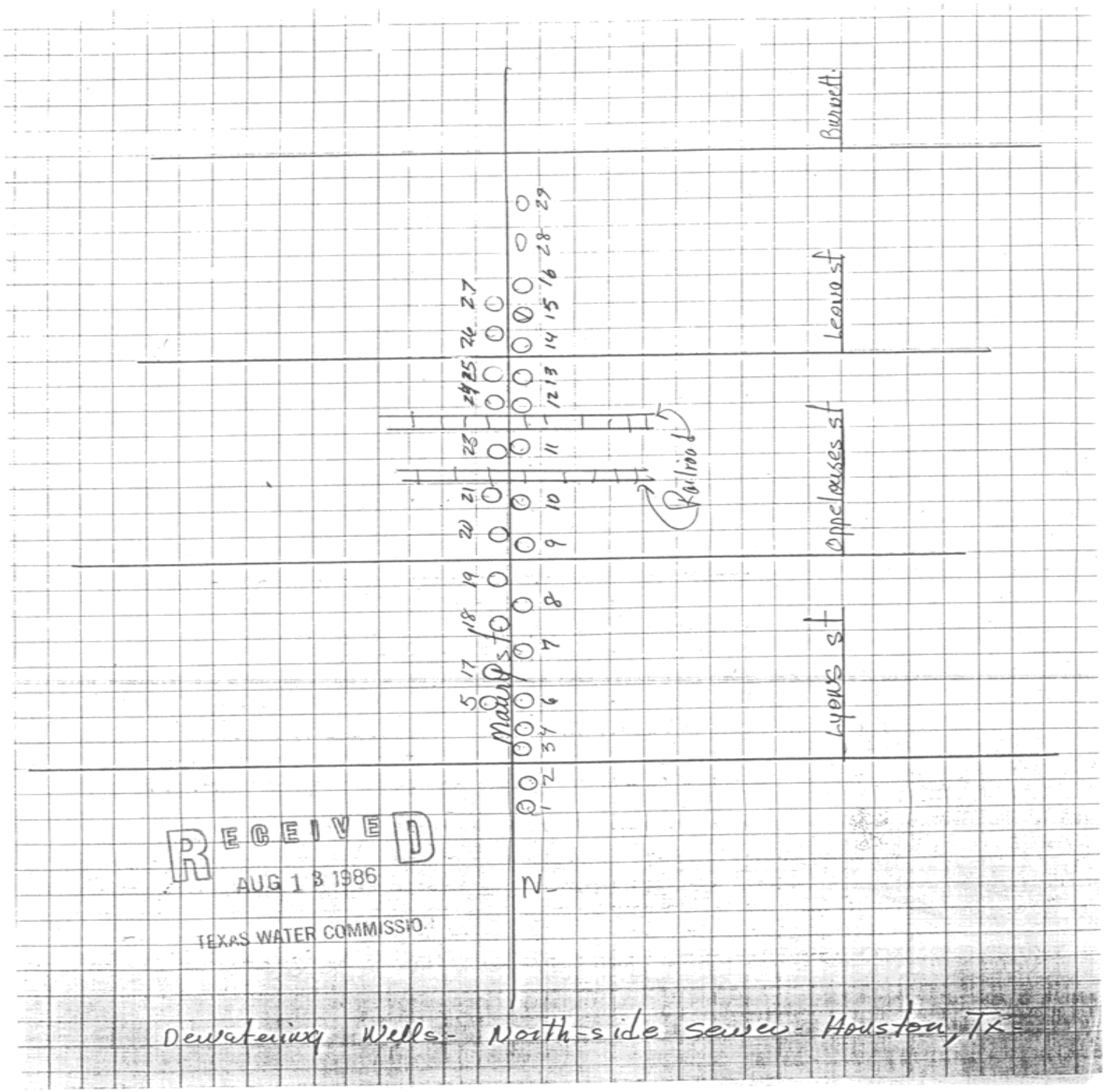
ADDRESS 3807 Trailmobile Dr. (Street or RFD) Houston (City) Texas (State) 77013 (Zip)

(Signed) (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. 65-14-7 Located on map

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


Burnett
Leona st
Appelouses st
Lyons st
Railroad
Main st
RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION
N
Dewatering Wells - North-side Sewer - Houston, TX

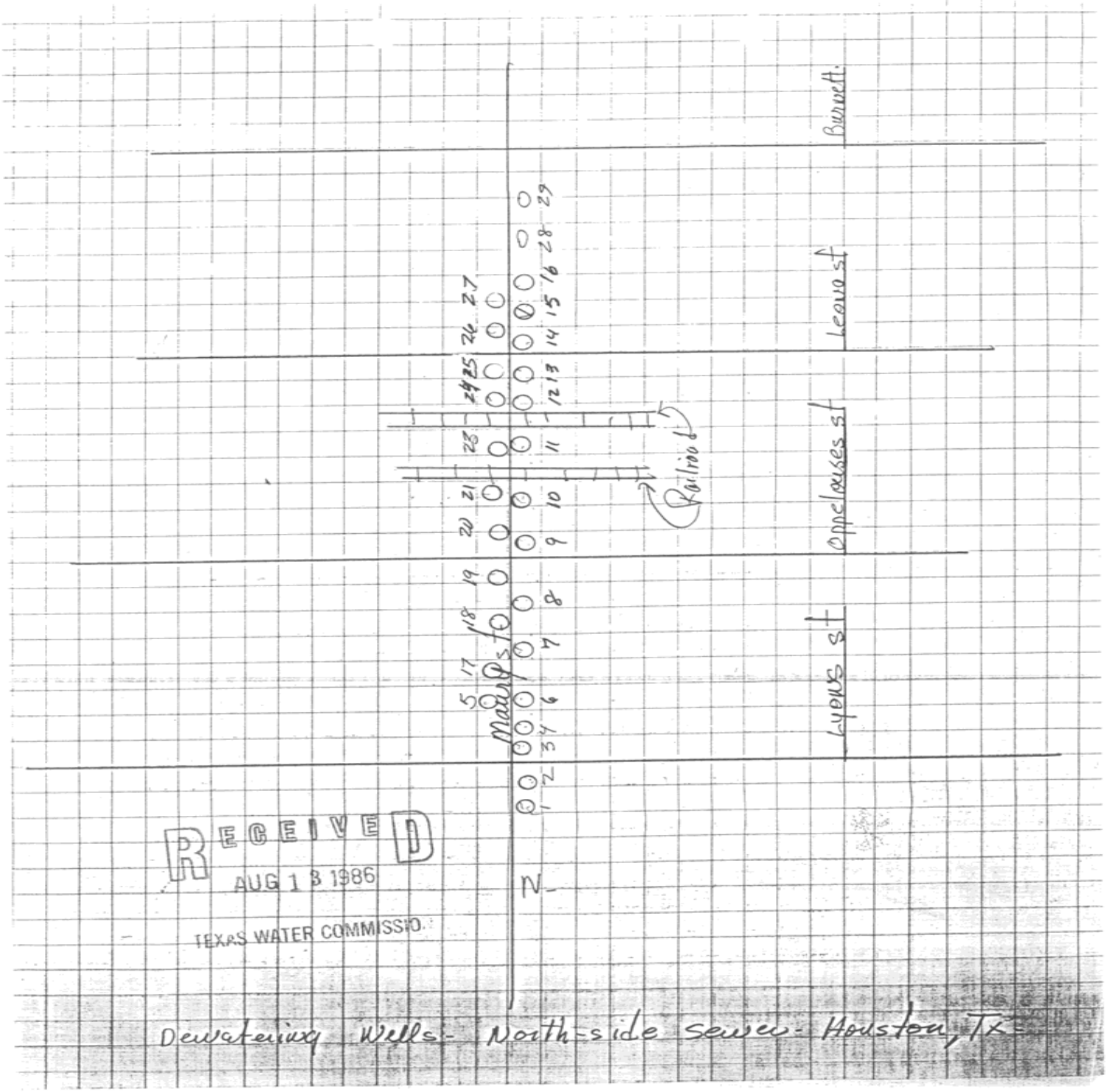
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 8 **Distance from Property: 0.30 mi. N**

ID NUMBER:	**TX205287**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONST. WELL #20**
DATE DRILLED:	**07/02/1986**
DEPTH DRILLED:	**75'**
STATIC LEVEL:	**41'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349847000**
LATITUDE:	**29.772807000**

2 PAGE(S) OF DRILLERS' LOGS

Water Well ID: 205287



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

well #20

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 Greenfield Const (Name) Address (Street or RFD) Houston (City) Texas (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
☑ See attached map: 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 7-2 19 86 Completed 7-2 19 86

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
15"	Surface	75

From (ft.)	To (ft.)	Description and color of formation material
0	1	Sand & Gravel
1	4	Blue Clay
4	30	Red & White Clay
30	60	Brown Sand
60	61	Red Clay
61	74	Red Sand
74	75	Red Clay

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 10 ft. to 75 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
6	N	P.V.C. Riser	0	55	
6	N	P.V.C. Screen	55	75	.020

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 NONE
Cemented by

10) SURFACE COMPLETION NONE
☐ 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 41 ft. below land surface Date
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: gpm with total ft. drawdown after hrs.

RECEIVED
AUG 13 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 Stang Dewatering (Type or Print) Water Well Driller's License No. 2644W

ADDRESS 3801 Trailmobile Dr. (Street or RFD) Houston (City) Texas (State) 77013 (Zip)

(Signed) (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. 65-14-7 Located on map

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 9 **Distance from Property: 0.32 mi. N**

ID NUMBER:	**TX205288**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONST. WELL #21**
DATE DRILLED:	**07/03/1986**
DEPTH DRILLED:	**75'**
STATIC LEVEL:	**40'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349848000**
LATITUDE:	**29.773133000**

2 PAGE(S) OF DRILLERS' LOGS

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

Well #21

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 Greenfield Const (Name) Address (Street or RFD) Houston (City) Texas (State) (Zip)

2) LOCATION OF WELL: County Harris ____ miles 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 ____
☑ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 2-3 19 86 Completed ____ 19 ____

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
	Surface	

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☑ Gravel Packed ☐ Other ____
If Gravel Packed give interval . . . from 10 ft. to 75 ft.

From (ft.)	To (ft.)	Description and color of formation material
0	1	Sand & Gravel
1	4	Blue Clay
4	36	Red & White Clay
36	37	Sand Stone
37	74	Brown Sand
74	75	Red Clay

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
6	N	P.V.C. Riser	0	54	
6	N	P.V.C. Screen	54	74	.020

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 NONE
Cemented by ____

10) SURFACE COMPLETION NONE
☐ 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 40 ft. below land surface Date ____
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: ____ gpm with total ft. drawdown after ____ hrs.

RECEIVED
AUG 13 1986
TEX. S 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 Stang Dewatering (Type or Print) Water Well Driller's License No. 2644 W

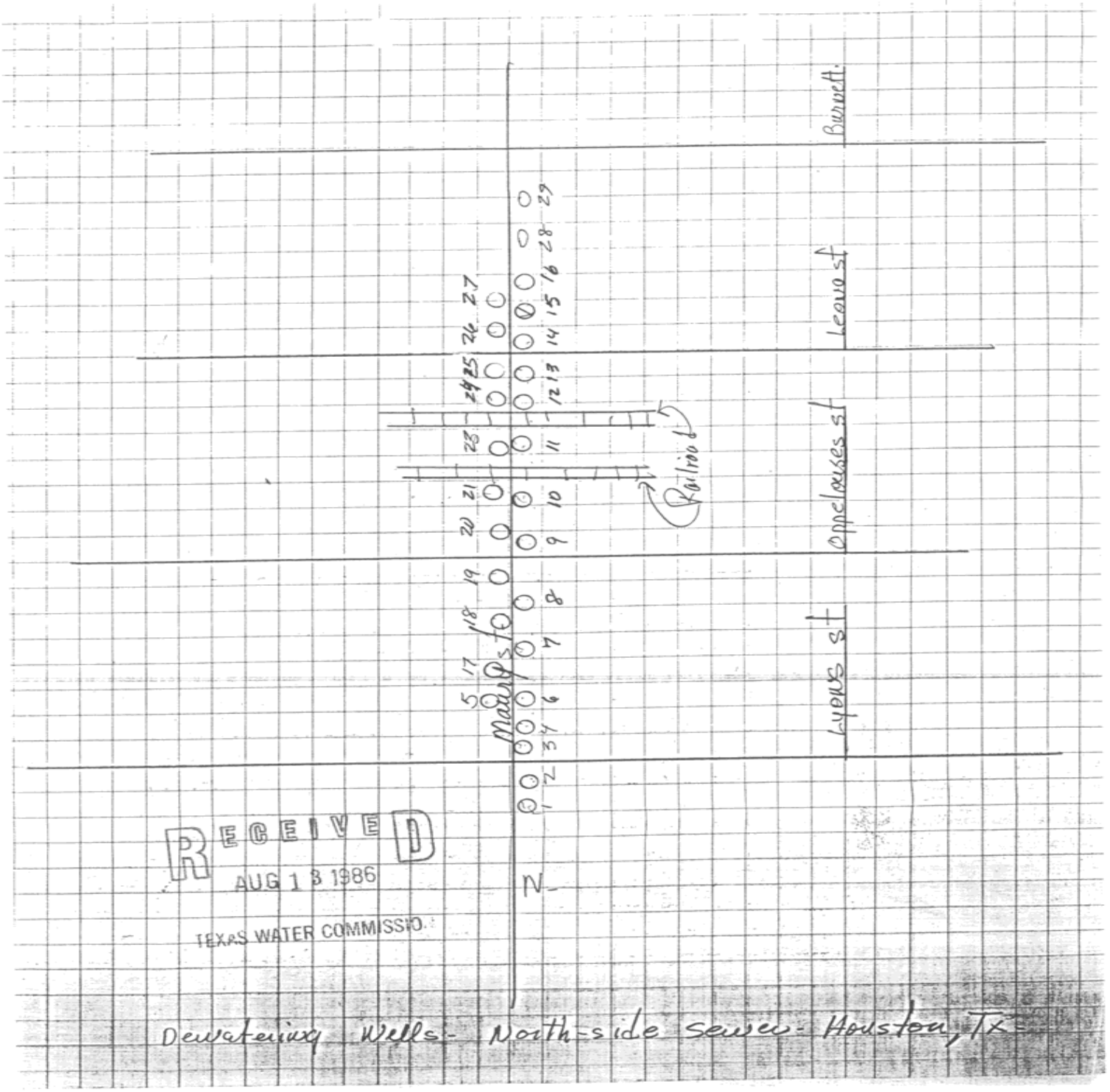
ADDRESS 3801 Trailmobile Dr. (Street or RFD) Houston (City) Texas (State) 77013 (Zip)

(Signed) ____ (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. 65-14-7 Located on map ____

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


Burnett
Leona st
Appelouses st
Lyons st
Main st
Railroad
RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION
N
Dewatering Wells - North-side Sewer - Houston, TX

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 9 **Distance from Property: 0.32 mi. NNE**

ID NUMBER:	**TX205277**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONSTRUCTION WELL #10**
DATE DRILLED:	**06/18/1986**
DEPTH DRILLED:	**74'**
STATIC LEVEL:	**42'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349491000**
LATITUDE:	**29.772986000**

2 PAGE(S) OF DRILLERS' LOGS

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

well #10

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 Green Field Const. (Name) Address (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
☑ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 6-18 1986 Completed 6-18 1986

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
15"	Surface	74

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

From (ft.)	To (ft.)	Description and color of formation material
0	1	Sand & Gravel
1	4	Blue Clay
4	35	Red & White Clay
35	73	Brown Sand
73	74	Red Clay

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
6	N	P.V.C. Riser	0	53	Sch 40
6	N	P.V.C. Screen	53	73	.010

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
Cemented by NONE

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] NONE

11) WATER LEVEL:
Static level 42 ft. below land surface Date
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: 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
AUG 13 1986
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 Stang Dewatering Inc. (Type or Print) Water Well Driller's License No. 2644W

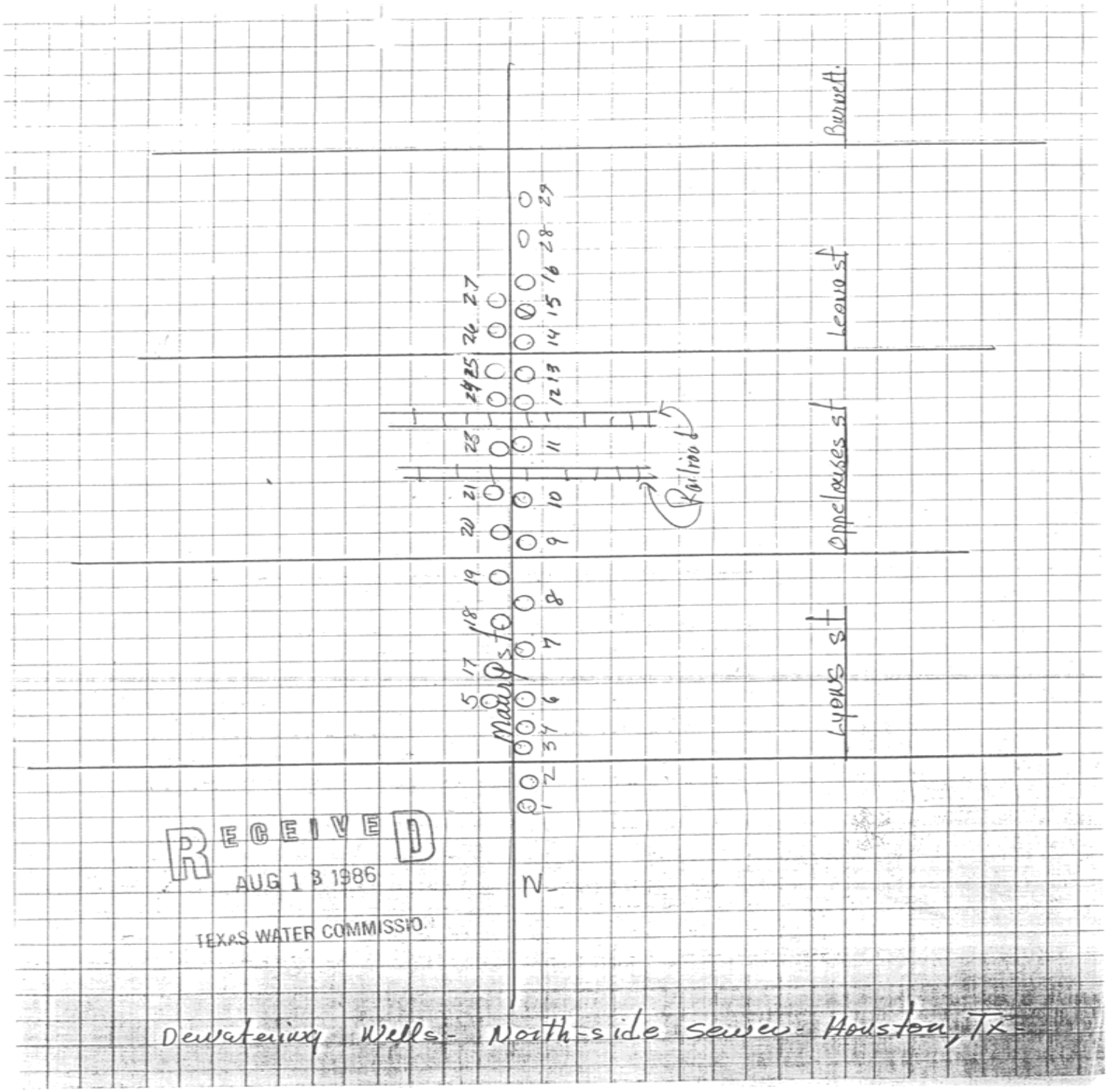
ADDRESS 3801 Trailmobile Dr. (Street or RFD) Houston (City) Texas (State) 77045 (Zip)

(Signed) (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. 65-14-7
Located on map

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


Bennett
Leona st
Appelouses st
Lyons st
Main st
Railroad
RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION
N
Dewatering Wells - North-side Sewer - Houston, TX

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 10 **Distance from Property: 0.32 mi. W**

ID NUMBER:	**TX200312**
STATE ID :	**65-14-7**
OWNER NAME:	**HYDRAULIC EQUIPMENT SERV**
DATE DRILLED:	**02/19/1999**
DEPTH DRILLED:	**452'**
STATIC LEVEL:	**205'**
WATER USAGE:	**BACKUP TO CITY WATER**
LONGITUDE:	**-95.356425000**
LATITUDE:	**29.767494000**

2 PAGE(S) OF DRILLERS' LOGS

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side — STATE OF TEXAS WATER WELL REPORT — 101

1) OWNER: HYDRAULIC EQUIPMENT SERV. ADDRESS: 1021 NORTH SAN JACINTO CITY: HOUSTON STATE: TX ZIP: 77002-1199

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-14-7
Street or RFD: 1021 NORTH SAN JACINTO
City, State, Zip code: HOUSTON, TX 77002-1199

5)

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: BACKUP TO CITY WATER
If Public Supply well, were plans submitted to the TNRCC?

6) WELL LOG: 01610 DATE DRILLING: STARTED: 02/15/99 COMPLETED: 02/19/99

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: TWO STRING/K-PACKER

DIAMETER OF HOLE	DIAMETER	FROM	TO
	7.0	0	440
	3.875	440	452

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
4.0	N	P.V.C. SCH.40	0	440	CASING
2.5	N	P.V.C. SCH.40	421	442	LINER
2.5	N	P.V.C. - UNDERBAR	442	452	.006

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	2	FILL
2	4	SOIL
4	14	CLAY-WHITE
14	54	CLAY-TAN CLAY-RED SANDSTONE
54	61	SAND-TAN-.006-.008
61	92	CLAY-RED
92	100	SAND-TAN-.006-.008
100	170	CLAY-GRAY
170	182	SAND-WHITE-.014-.020
182	212	CLAY-GRAY
212	230	SAND-WHITE-.006-.008
230	255	CLAY-RED
255	274	SAND-WHITE-.006-.008
274	278	CLAY-GRAY
278	282	SAND-WHITE-.006-.008

9) CEMENTING DATA:
Cemented from 0 FT. TO 440 FT. No. of Sacks Used 56
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: 02/17/99
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
K-PACKER	421
K-PACKER	422

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 260

14) WELL TEST:
JETTED
YIELD: 30 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, 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)

FILE # SEQ #
EMP # SEP 14 1999 DISC CD
COMMENT

STATE : TEXAS WATER WELL REPORT (PAGE 2)

OWNER: HYDRAULIC EQUIPMENT SERV. ADDRESS: 1021 NORTH SAN JACINTO CITY: HOUSTON STATE: TX ZIP: 77002-1199

282	318	CLAY-RED
318	340	SAND-WHITE-.010-.012
340	440	CLAY-RED CLAY-BLUE
440	452	SAND-WHITE-.006-.008 SAND-WHITE-.010-.012

FILE ID SEQ #

EMP # SEP 1 4 1999 DESC CD

COMMENT

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 10 **Distance from Property: 0.32 mi. W**

WELL ID:	**7262**
OWNERS NAME:	**HYDRAULIC EQUIPMENT SERVICE, INC.**
YEAR DRILLED:	**1999**
DEPTH DRILLED:	**400'**
STATIC LEVEL:	**390'**
WATER USAGE:	**DOMESTIC/COMMERCIAL**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.356425000**
LATITUDE:	**29.767494000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 11 **Distance from Property: 0.34 mi. N**

ID NUMBER:	**TX205290**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONST. WELL #24**
DATE DRILLED:	**07/09/1986**
DEPTH DRILLED:	**75'**
STATIC LEVEL:	**40'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349848000**
LATITUDE:	**29.773417000**

2 PAGE(S) OF DRILLERS' LOGS

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

well #24

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 Greenfield Const. (Name) Address (Street or RFD) Houston (City) Texas (State) (Zip)

2) LOCATION OF WELL: County Harris ____ miles 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 ____
☑ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 7-9 1986 Completed 7-9 1986

Dia. (in.)	From (ft.)	To (ft.)
15"	Surface	25

From (ft.)	To (ft.)	Description and color of formation material
0	2	Gravel
2	6	Blue Clay
6	62	Red & White Clay
62	71	Brown Sand & Clay
71	25	Red Clay

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other ____
If Gravel Packed give interval . . . from 10 ft. to 25 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
6	N	PVC Riser	0	51	
6	N	PVC Screen	51	71	.020

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 ____
Cemented by NONE

10) SURFACE COMPLETION NONE
☐ 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 40 ft. below land surface Date ____
Artesian flow ____ gpm. Date ____

12) PACKERS: Type NONE 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 total ft. drawdown after ____ hrs.

RECEIVED
AUG 13 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 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 Stang Dewatering (Type or Print) Water Well Driller's License No. 2644W

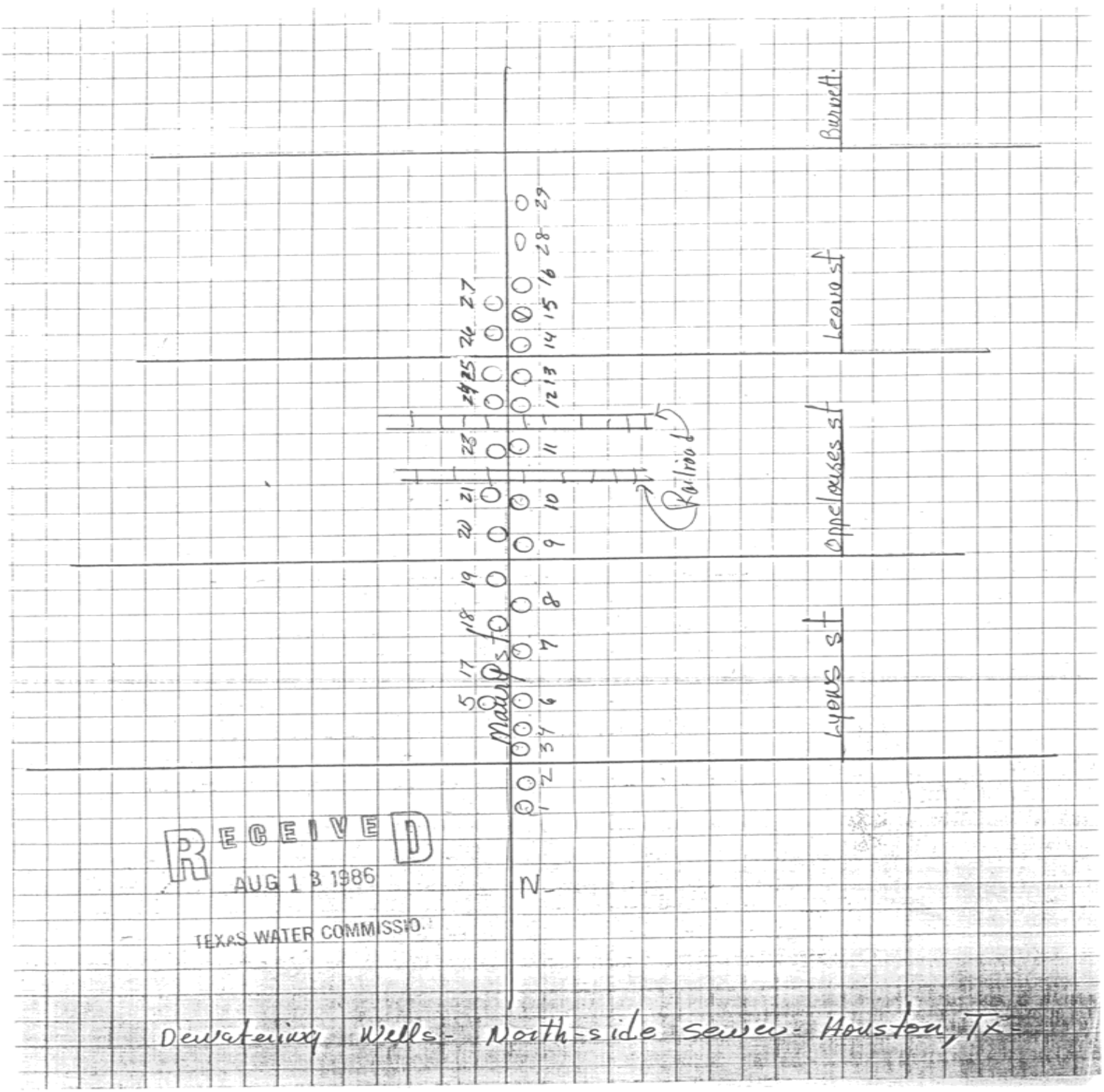
ADDRESS 3801 Trailmobile Dr. (Street or RFD) Houston (City) Texas (State) 77013 (Zip)

(Signed) ____ (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. 65-14-7 Located on map ____

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

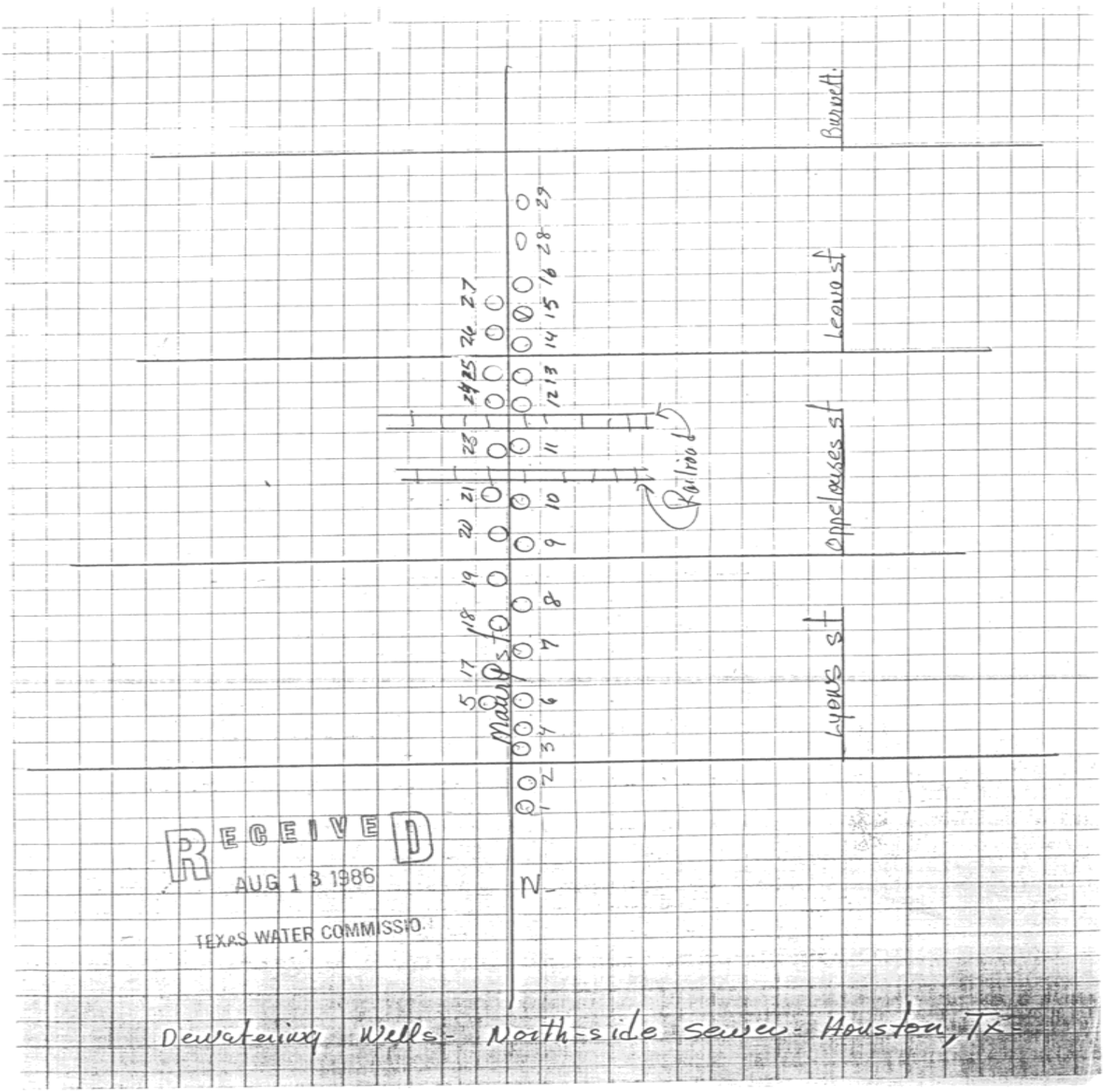

Burnett
Leona st
Appelouses st
Lyons st
Railroad
RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION
Dewatering Wells- North-side Sewer- Houston, TX

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 11 **Distance from Property: 0.34 mi. N**

ID NUMBER:	**TX205291**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONST. WELL #25**
DATE DRILLED:	**07/09/1986**
DEPTH DRILLED:	**72'**
STATIC LEVEL:	**37'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349848000**
LATITUDE:	**29.773417000**

2 PAGE(S) OF DRILLERS' LOGS


Burnett
Leona st
Railroad
Lyons st
RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION
N
Dewatering Wells - North-side sewer - Houston, TX

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

Well # 25

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 Greenfield Const (Name) Address (Street or RFD) Houston Texas (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
☑ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 2-9 1986 Completed 2-7 1986

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
15"	Surface	72

From (ft.)	To (ft.)	Description and color of formation material
0	2	Gravel
2	6	Blue Clay
6	34	Red clay
34	70	Brown Sand
70	72	Red Clay

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 10 ft. to 72 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
6	N	PVC. Riser	0	50	
6	N	P.V.C. Screen	50	70	.010

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 NONE
Cemented by

10) SURFACE COMPLETION NONE
☐ 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 37 ft. below land surface Date
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: gpm with total ft. drawdown after hrs.

RECEIVED
AUG 13 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 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 Stang Dewatering (Type or Print) Water Well Driller's License No. 2644W

ADDRESS 3801 Trailmobile Dr. (Street or RFD) Houston (City) Texas (State) 77013 (Zip)

(Signed) Tommy (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. 65-14-7 Located on map

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 11 **Distance from Property: 0.34 mi. N**

ID NUMBER:	**TX205289**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONST. WELL #23**
DATE DRILLED:	**07/08/1986**
DEPTH DRILLED:	**71'**
STATIC LEVEL:	**40'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349848000**
LATITUDE:	**29.773417000**

2 PAGE(S) OF DRILLERS' LOGS

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

well # 23

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 Greenfield Const. (Name) Address (Street or RFD) Houston (City) Texas (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
☐ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 7-8 1986 Completed 7-8 1986

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
15"	Surface	71

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☑ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 10 ft. to 71 ft.

From (ft.)	To (ft.)	Description and color of formation material
0	1	Gravel
1	6	Blue Clay
6	32	Red Clay
32	33	Sand Stone
33	68	Brown Sand
68	71	Red clay

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
6	N	PVC Riser	0	48	
6	N	P.V.C. Screen	48	68	.020

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 NONE
Cemented by

10) SURFACE COMPLETION NONE
☐ 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 40 ft. below land surface Date
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: 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 13 1986
TEXAS WATER COMMISSION

(Use reverse side if necessary)

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 Stong Dewatering (Type or Print) Water Well Driller's License No. 2644W

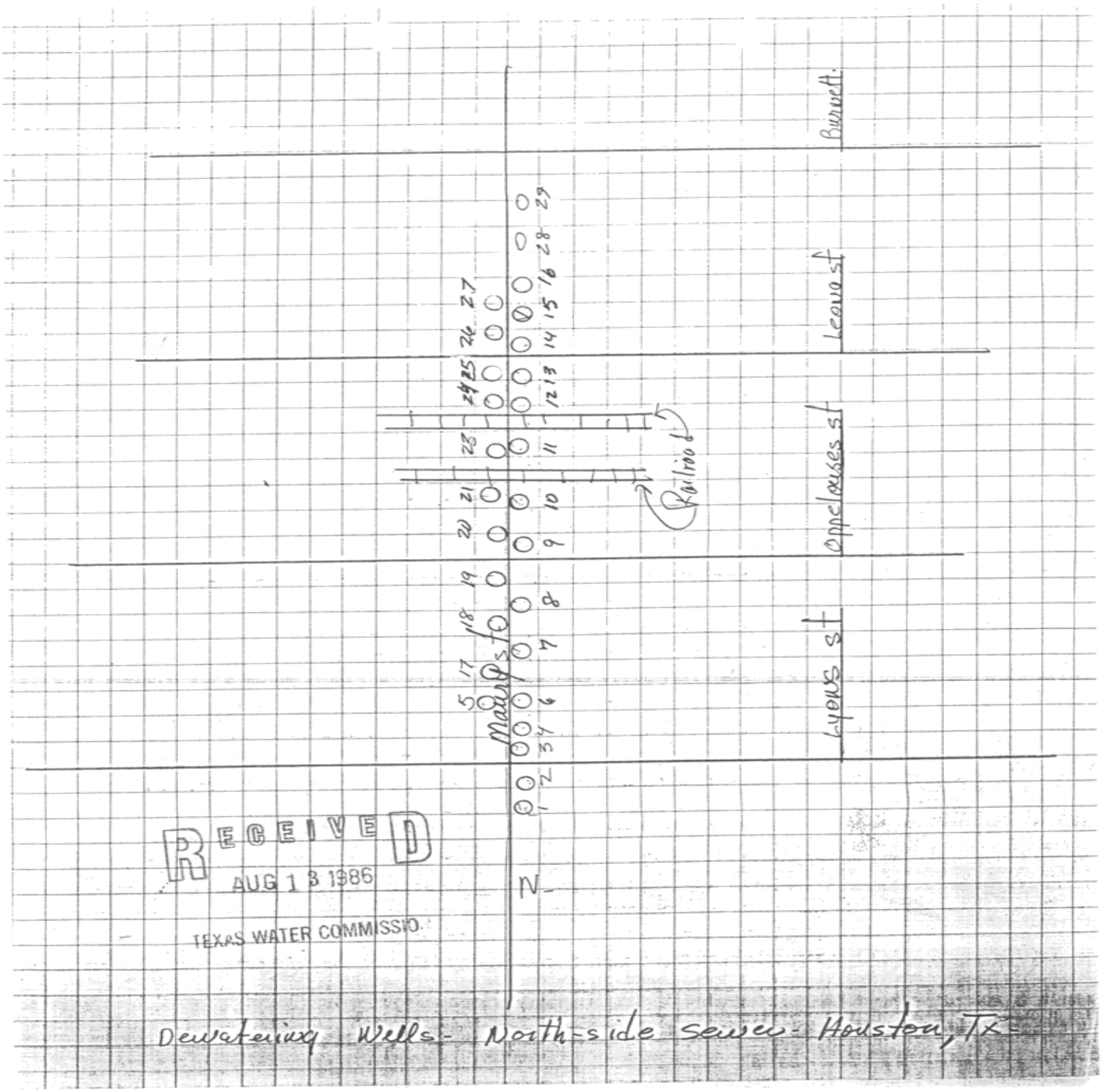
ADDRESS 3801 Trailmobile Dr. (Street or RFD) Houston (City) Texas (State) 77013 (Zip)

(Signed) (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. 65-14-7 Located on map

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


Burnett
Leona st
Opelousas st
Lyons st
Railroad
RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION
N
Dewatering Wells - North-side sewer - Houston, Tx

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

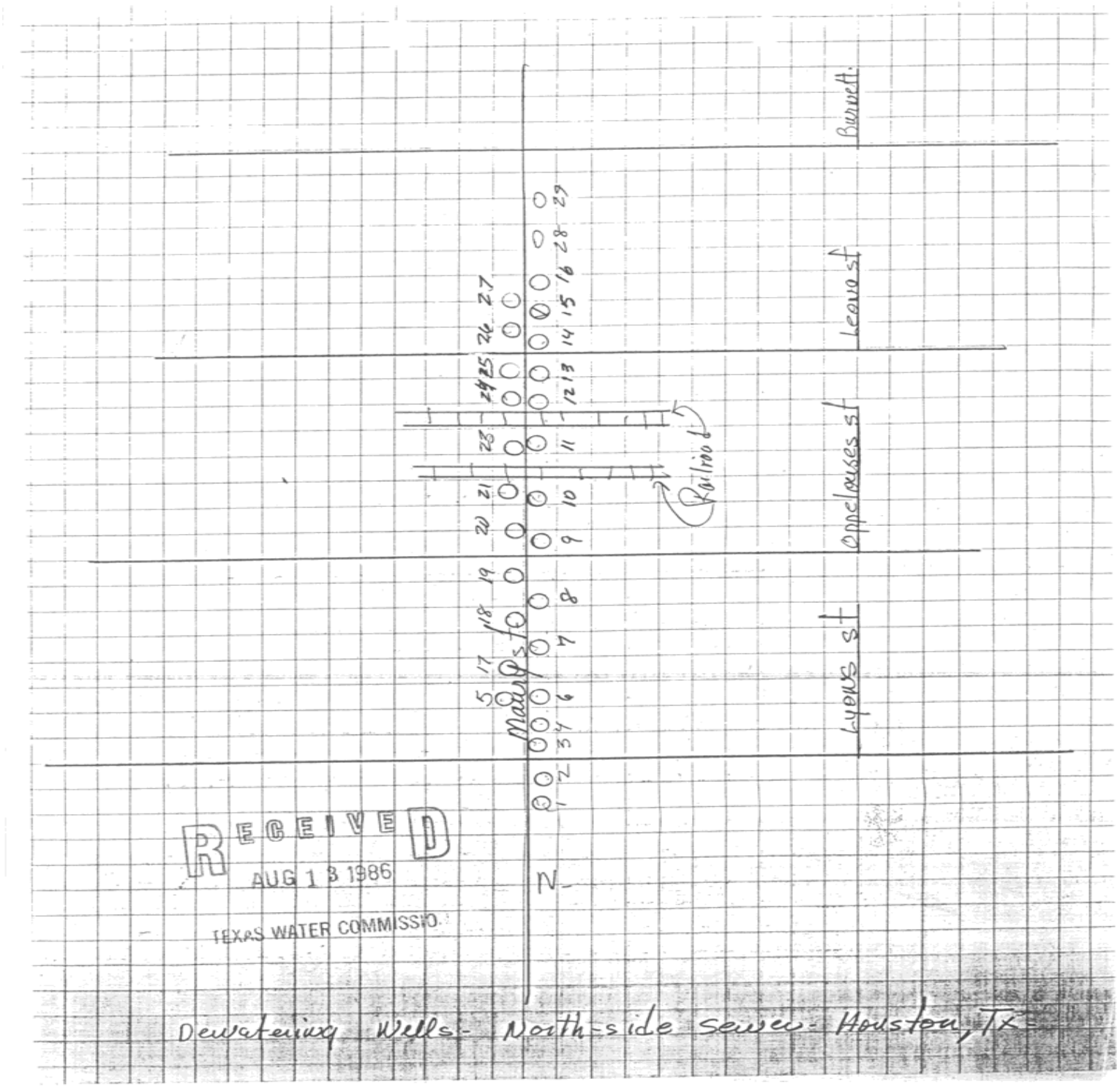
MAP ID# 12 **Distance from Property: 0.36 mi. N**

ID NUMBER:	**TX205292**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONST. WELL #26**
DATE DRILLED:	**07/10/1986**
DEPTH DRILLED:	**75'**
STATIC LEVEL:	**41'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349848000**
LATITUDE:	**29.773727000**

2 PAGE(S) OF DRILLERS' LOGS

Page # 1 out of 2

Water Well ID: 205292



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

well #26

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 Greenfield Const (Name) Address (Street or RFD) Houston (City) Texas (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
☐ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 7-10 1986 Completed 7-10 1986

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
15"	Surface	75

From (ft.)	To (ft.)	Description and color of formation material
0	1	Gravel
1	5	Blue Clay
5	27	Red & White Clay
27	67	Brown Sand
67	71	Brown Sand w/Some Clay
25		Red Clay

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☒ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 10 ft. to 25 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
6	N	P.V.C. Riser	0	51	
6	N	P.V.C. Screen	51	71	1020

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 NONE
Cemented by

10) SURFACE COMPLETION NONE
☐ 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 41 ft. below land surface Date
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: 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 13 1986
TEXAS WATER COMMISSION
(Use reverse side if necessary.)

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 Stang Dewatering (Type or Print) Water Well Driller's License No. 2644W

ADDRESS 3801 Frailmobile Dr. (Street or RFD) Houston (City) Texas (State) 77013 (Zip)

(Signed) (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. 65-14-7 Located on map

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 12 **Distance from Property: 0.36 mi. NNE**

ID NUMBER:	**TX205281**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONSTRUCTION WELL #14**
DATE DRILLED:	**06/23/1986**
DEPTH DRILLED:	**75'**
STATIC LEVEL:	**45'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349529000**
LATITUDE:	**29.773702000**

2 PAGE(S) OF DRILLERS' LOGS

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

well #14

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 Greenfield Const (Name) Address (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
☑ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 6-23 19 86 Completed 6-23 19 86

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
15"	Surface	75

From (ft.)	To (ft.)	Description and color of formation material
0	1	Gravel
1	4	Blue Clay
4	50	Red & White Clay
50	51	Sand Stone
51	23	Brown Sand
23	25	Red Clay

RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION

(Use reverse side if necessary)

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 10 ft. to 75 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
6	N	P.V.C. Riser	0	53	
6	N	P.V.C. Screen	53	73	.020

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 NONE
Cemented by

10) SURFACE COMPLETION NONE
☐ 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 45 ft. below land surface Date
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: 10 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 Stang Dewatering Inc. (Type or Print) Water Well Driller's License No. 26446

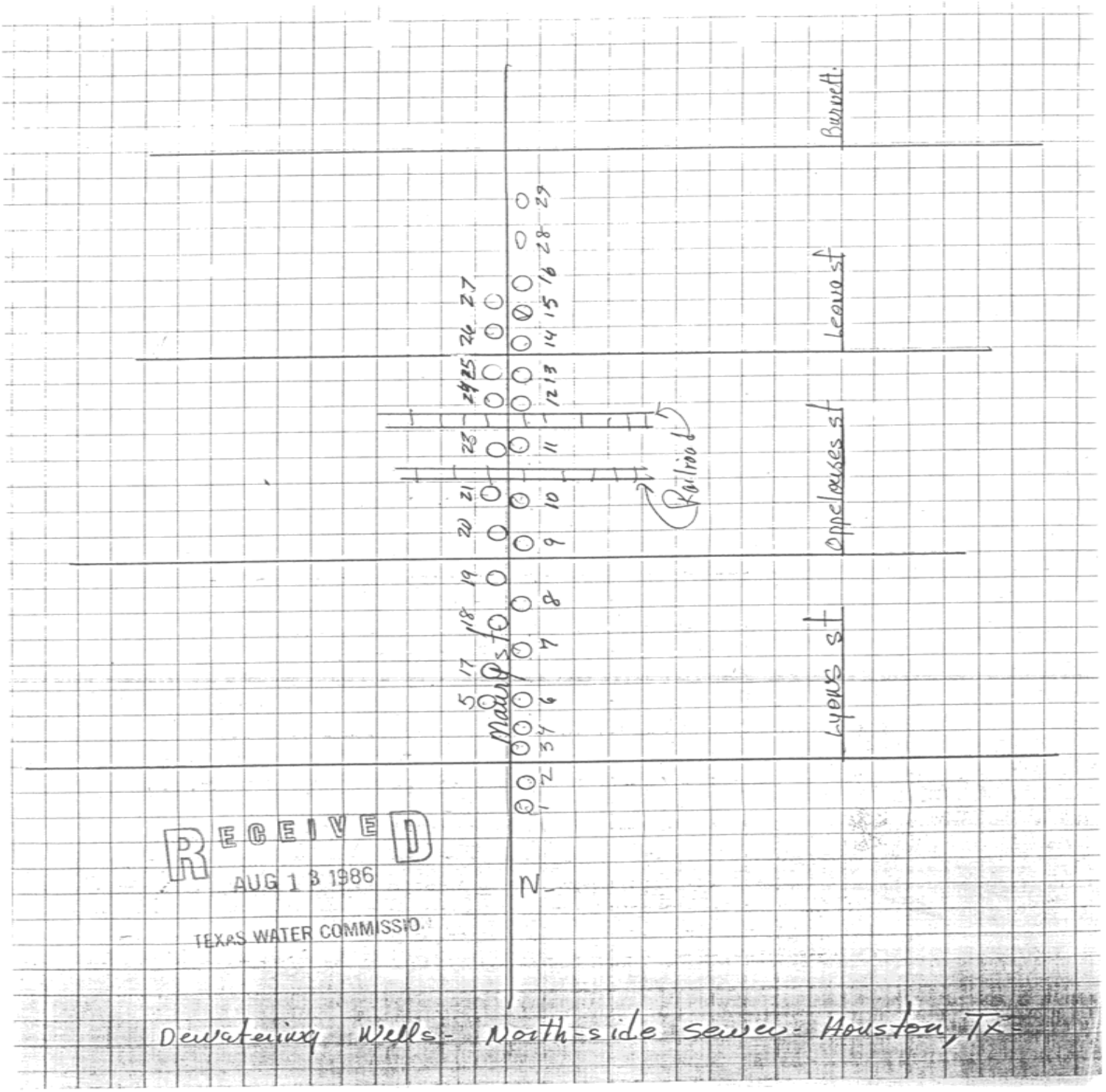
ADDRESS 3801 Trailmobile Dr (Street or RFD) Houston (City) Texas (State) 77013 (Zip)

(Signed) (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. 65-14-7 Located on map

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


Burnett
Leona st
Appelouses st
Lyons st
Railroad
Main st
RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION
N
Dewatering Wells - North-side sewer - Houston, TX

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 13 **Distance from Property: 0.36 mi. WNW**

STATE ID:	**65-14-711**
OWNER'S NAME:	**SOUTHERN PACIFIC RAILROAD, WELL#3**
DATE DRILLED:	**00/00/1937**
DEPTH DRILLED:	**932'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.356110000**
LATITUDE:	**29.771380000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514711/6514711.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514711 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294620 **Longitude** 952120 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Southern Pacific
Railroad, Well#3

Driller
Layne Texas Co.

Address _____ **Tenant/Oper.** _____

Date Drilled / /1937 **Depth** 932 **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
1937
-86

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

Reporting Agency 01

REMARKS -
TWDB R178: 119 ft. of screen between 523 and 921 ft. Yield: 695 gpm with 90 ft. drawdown when drilled.

Aquifer - 121EVGL **ID -** 15
EVANGELINE AQUIFER

Wednesday, July 05, 2006

Well Number - 6514711

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 14 **Distance from Property: 0.37 mi. NNE**

ID NUMBER:	**TX205280**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONSTRUCTION WEL #13**
DATE DRILLED:	**06/20/1986**
DEPTH DRILLED:	**75'**
STATIC LEVEL:	**41'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349368000**
LATITUDE:	**29.773708000**

2 PAGE(S) OF DRILLERS' LOGS

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

well #13

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 Greenfield Const. (Name) Address (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
☑ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 6-20 1986 Completed 19

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
15	Surface	25

From (ft.)	To (ft.)	Description and color of formation material
0	1	Gravel & Rock
1	4	Blue Clay
4	36	Red & White Clay
36	37	Sand Stone
37	73	Brown Sand
73	75	Red Clay

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 10 ft. to 25 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
6	N	PVC. Riser	0	53	
6	N	PVC. Screen	53	73	010

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 NONE
Cemented by

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)] NONE
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 41 ft. below land surface Date
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: 15 gpm with total ft. drawdown after hrs.

RECEIVED
AUG 13 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 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 Stang Dewatering Inc. (Type or Print) Water Well Driller's License No. 2644W

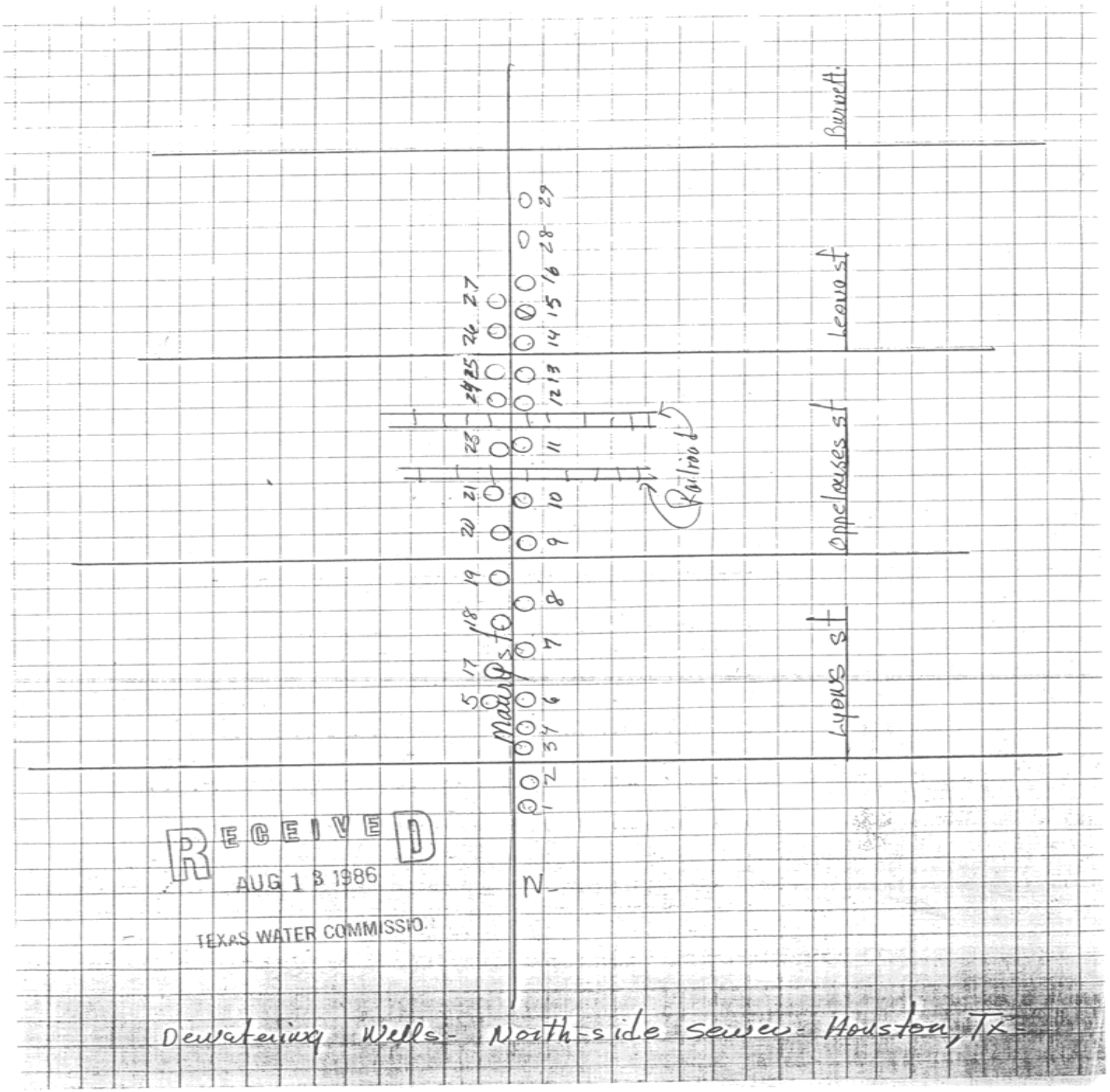
ADDRESS 3801 Trailmobile Dr. (Street or RFD) Houston (City) Texas (State) 77045 (Zip)

(Signed) (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. 65-14-7 Located on map

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


Burnett
Leona st
Appelouses st
Lyons st
Main st
Railroad
RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION
N
Dewatering Wells - North-side Sewer - Houston, TX

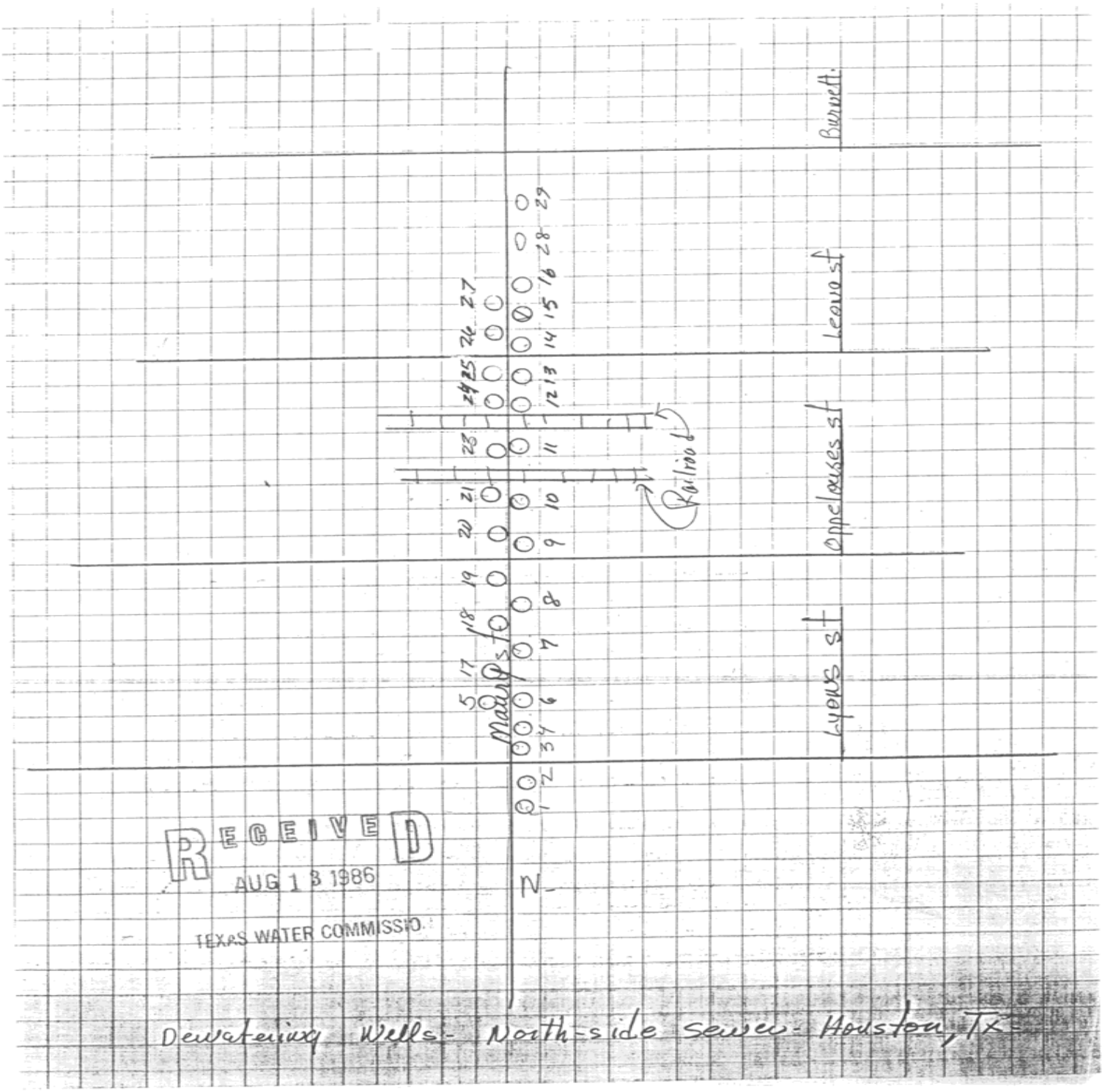
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 14 **Distance from Property: 0.37 mi. NNE**

ID NUMBER:	**TX205282**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONSTRUCTION WELL #15**
DATE DRILLED:	**06/24/1986**
DEPTH DRILLED:	**75'**
STATIC LEVEL:	**41'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349529000**
LATITUDE:	**29.773857000**

2 PAGE(S) OF DRILLERS' LOGS

Water Well ID: 205282



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

Well #15

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 Greenfield Const. (Name) Address (Street or RFD) Houston (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
☐ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 6-24 1986 Completed 6-24 1986

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
15"	Surface	75

From (ft.)	To (ft.)	Description and color of formation material
0	1	Gravel
1	56	Red & White Clay
56	57	Sand Stone
57	59	Sand & Solid Stone
59	74	Brown Sand
74	75	Red Clay

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☒ Gravel Packed ☐ Other
If Gravel Packed give interval ... from 10 ft. to 75 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
6	N	A.V.C. Riser	0	54	
6	N	P.V.C. Screen	54	74	010

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 NONE
Cemented by

10) SURFACE COMPLETION NONE
☐ 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 41 ft. below land surface Date
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: 20 gpm with ft. drawdown after hrs

RECEIVED
AUG 13 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 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 Stang Dewatering Inc. (Type or Print) Water Well Driller's License No. 3644 W

ADDRESS 3801 Trail Mobile Dr. (Street or RFD) Houston (City) Texas (State) 77013 (Zip)

(Signed) (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. 65-14-7
Located on map

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 14 **Distance from Property: 0.39 mi. NNE**

ID NUMBER:	**TX205283**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONST WELL #16**
DATE DRILLED:	**06/24/1986**
DEPTH DRILLED:	**73'**
STATIC LEVEL:	**45'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349529000**
LATITUDE:	**29.774019000**

2 PAGE(S) OF DRILLERS' LOGS

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

Well #16

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 Greenfield Const (Name) Address (Street or RFD) Houston texas (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
☑ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 6-24 19 86 Completed 19

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
15	Surface	23

From (ft.)	To (ft.)	Description and color of formation material
0	1	Gravel
1	5	Blue Clay
5	22	Red & White Clay
22	34	Sand Stone
34	35	Sand
35	36	Sand Stone
36	21	Brown Sand
21	23	Red Clay

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 10 ft. to 23 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
6	N	PVC Riser	0	51	
6	N	PVC Screen	51	71	040

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 NONE
Cemented by

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)] NONE
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 45 ft. below land surface Date
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: gpm with Note 1 ft. drawdown after hrs.

RECEIVED
AUG 13 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 Stang Dewatering (Type or Print) Water Well Driller's License No. 2644 W

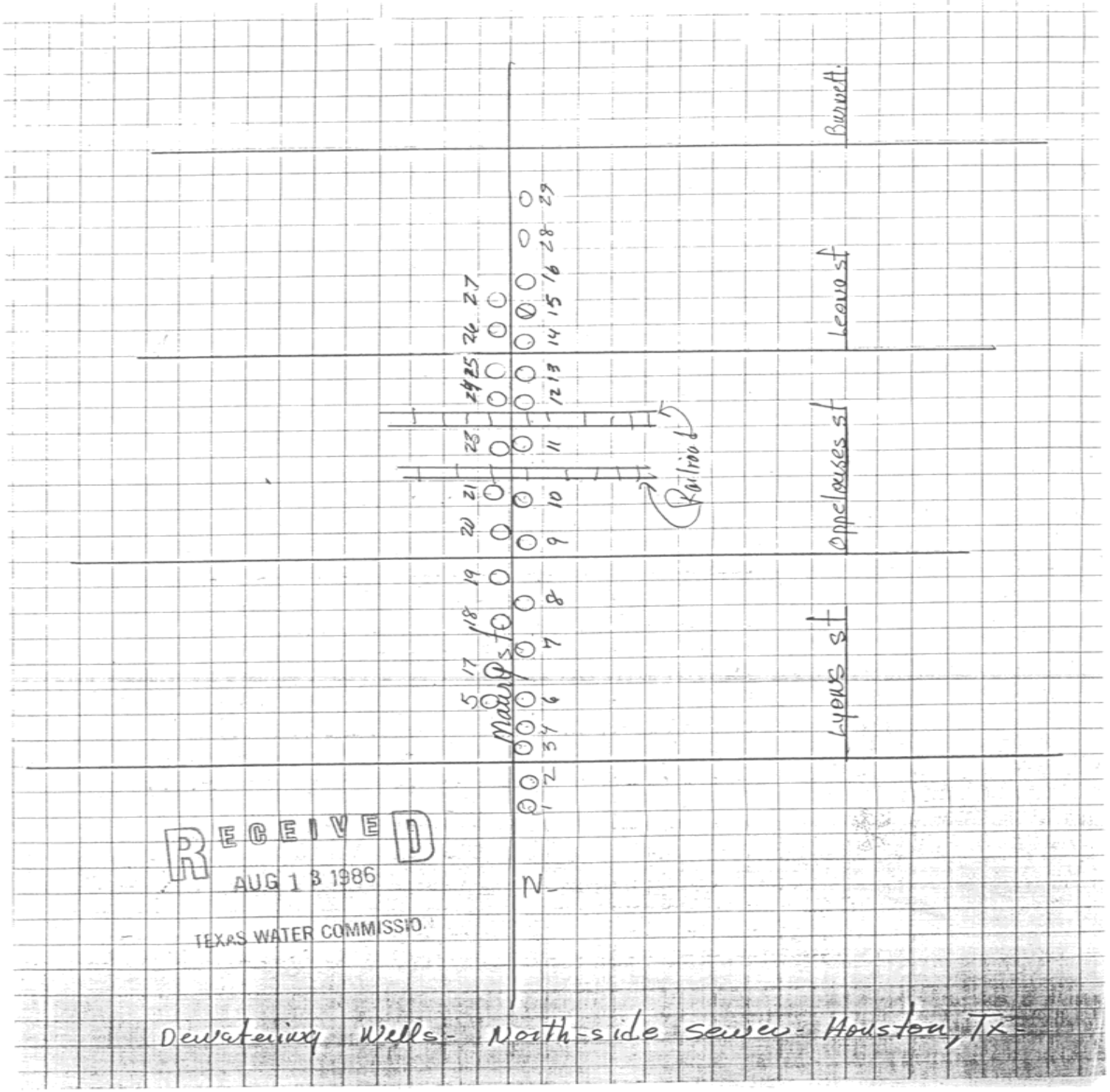
ADDRESS 3301 Trail Mobile Dr. (Street or RFD) Houston (City) Texas (State) 77013 (Zip)

(Signed) (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. 65-14-7 Located on map

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

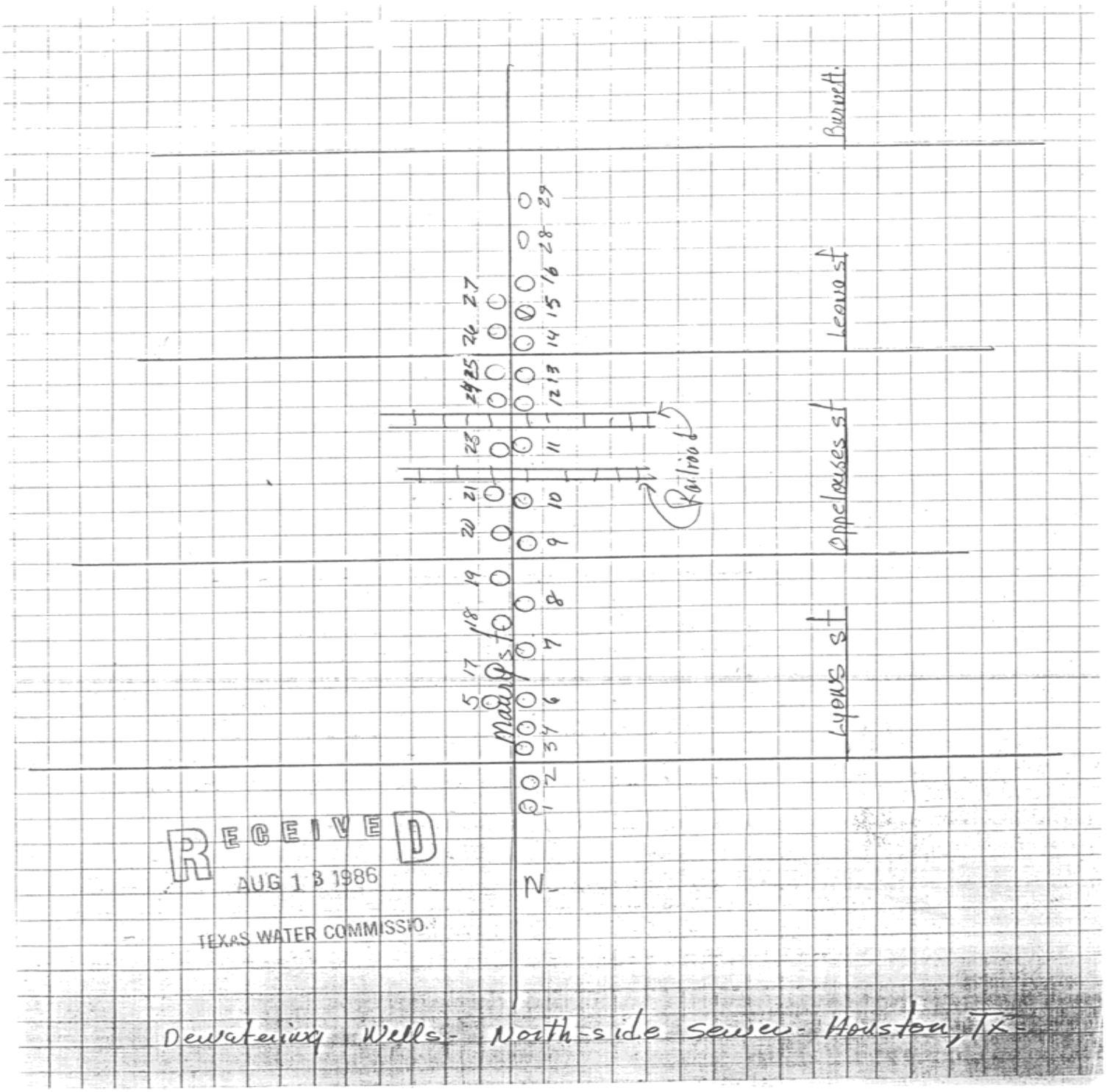

Burnett
Leona st
Appelouses st
Lyons st
Main st
Railroad
RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION
N
Dewatering Wells - North-side Sewer - Houston, TX

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 14 **Distance from Property: 0.37 mi. N**

ID NUMBER:	**TX205293**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONST. WELL #27**
DATE DRILLED:	**07/12/1986**
DEPTH DRILLED:	**72'**
STATIC LEVEL:	**37'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349857000**
LATITUDE:	**29.773889000**

2 PAGE(S) OF DRILLERS' LOGS


Burnett
Leona st
Appelouses st
Lyons st
Fairview
Main st
RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION
N
Dewatering Wells - North-side Sewer - Houston, TX

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

Well #27

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 Green Field Const (Name) Address (Street or RFD) Houston Texas (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
☐ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 7-12 19 86 Completed 7-12 19 86

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
15"	Surface	72

From (ft.)	To (ft.)	Description and color of formation material
0	2	Gravel
2	5	Blue Clay
5	33	Red Clay
33	70	Brown Sand
70	72	Red Clay

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☒ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 10 ft. to 72 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
6	N	P.V.C. Riser	0	50	
6	N	P.V.C. Screen	50	70	020

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 None
Cemented by

10) SURFACE COMPLETION NONE
☐ 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 27 ft. below land surface Date
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 ~~total~~ ft. drawdown after hrs.

RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION

(Use reverse side for additional entries)

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 Stang Dewatering (Type or Print) Water Well Driller's License No. 3644W

ADDRESS 3801 Trailmobile Dr. Houston (Street or RFD) (City) Texas (State) 77013 (Zip)

(Signed) (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. 65-14-7 Located on map

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

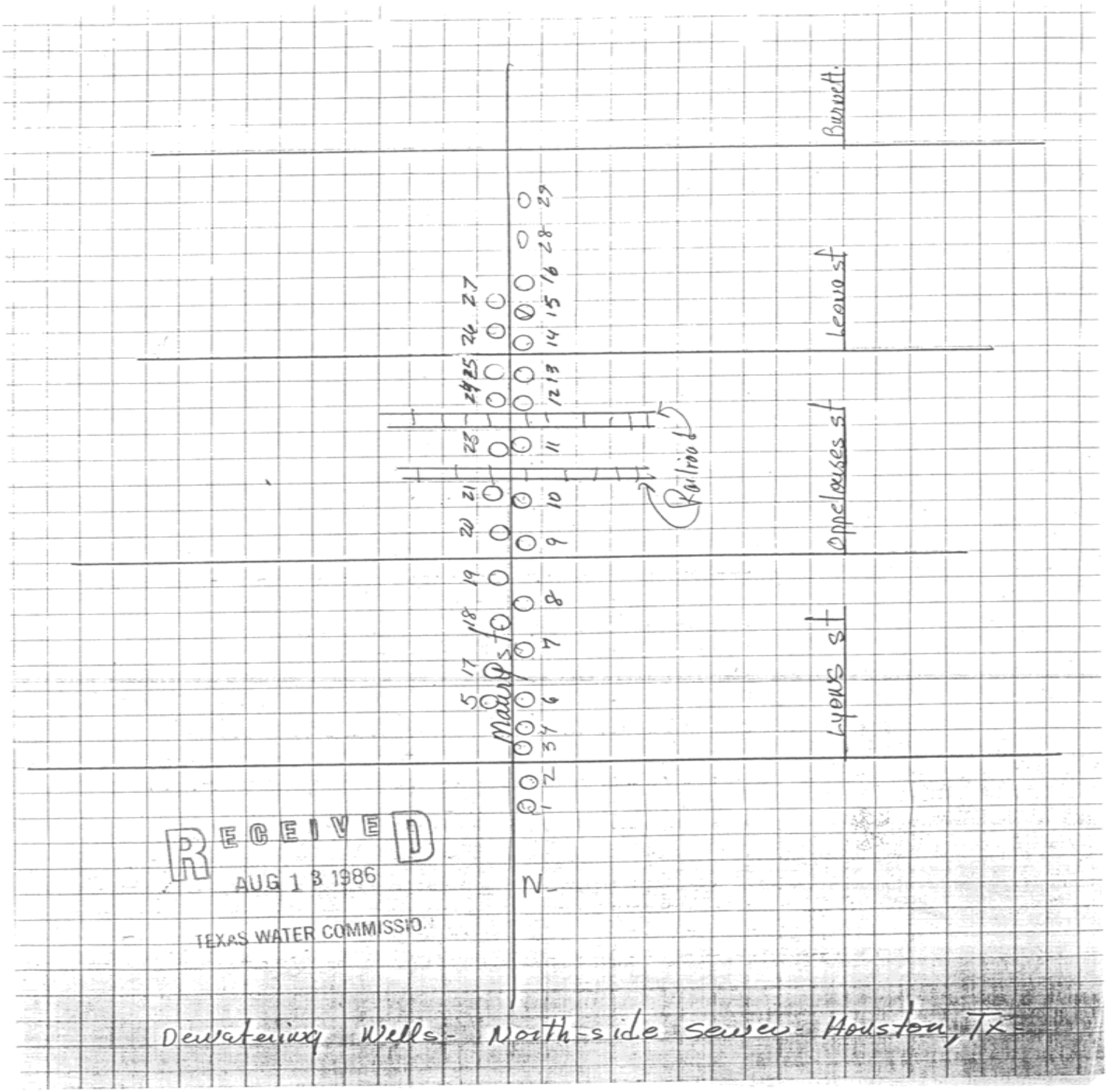
GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 14 **Distance from Property: 0.37 mi. NNE**

ID NUMBER:	**TX205278**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONSTRUCTION WELL #11**
DATE DRILLED:	**06/19/1986**
DEPTH DRILLED:	**72'**
STATIC LEVEL:	**40'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349363000**
LATITUDE:	**29.773716000**

2 PAGE(S) OF DRILLERS' LOGS


Burnett
Leona st
Appelouses st
Lyons st
Main st
Railroad
RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION
N
Dewatering Wells - North-side Sewer - Houston, TX

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

well # 11

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 Greenfield Const. (Name) Address (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
☑ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 6-19 19 86 Completed 6-19 19 86

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
15"	Surface	22

From (ft.)	To (ft.)	Description and color of formation material
0	1	Sand & Gravel
1	34	Red & White Clay
34	35	Sand Stone
35	20	BROWN Sand w/some clay
20	22	Red Clay

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 10 ft. to 22 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
6	N	P.V.C. Riser	0	52	
6	N	P.V.C. Screen	52	22	OW

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 NONE
Cemented by

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)] NONE
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 40 ft. below land surface Date 6-19-86
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: 18 gpm with Total 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 13 1986
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 Stang Dewatering Inc. (Type or Print) Water Well Driller's License No. 2644W

ADDRESS 3801 Trailmobile Dr. (Street or RFD) Houston (City) Texas (State) 77045 (Zip)

(Signed) (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. 65-14-7
Located on map

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 15 **Distance from Property: 0.37 mi. NNE**

ID NUMBER:	**TX205279**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONSTRUCTION WELL #12**
DATE DRILLED:	**06/20/1986**
DEPTH DRILLED:	**69'**
STATIC LEVEL:	**40'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349317000**
LATITUDE:	**29.773708000**

2 PAGE(S) OF DRILLERS' LOGS

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

well # 12

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 Green Field Const. (Name) Address (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
☐ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 6-30 1986 Completed 19

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
15"	Surface	69'

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☑ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 10 ft. to 69 ft.

From (ft.)	To (ft.)	Description and color of formation material
0	1	Sand & Gravel
1	34	Red & White Clay
34	35	Sand & Gravel
35	58	Sand Brown Lignite Clay
58	69	Brown Sand
69		Red Clay

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
6	N	P.V.C. Riser	0	49	
6	N	P.V.C. Screen	49	69	.010

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
Cemented by NONE

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)] NONE
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 40 ft. below land surface Date
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: 10 gpm with ft. drawdown after hrs.

RECEIVED
AUG 13 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 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 Stang Dewatering Inc. (Type or Print) Water Well Driller's License No. 2644W

ADDRESS 3801 Trailmobile Dr (Street or RFD) Houston (City) Texas (State) 77013 (Zip)

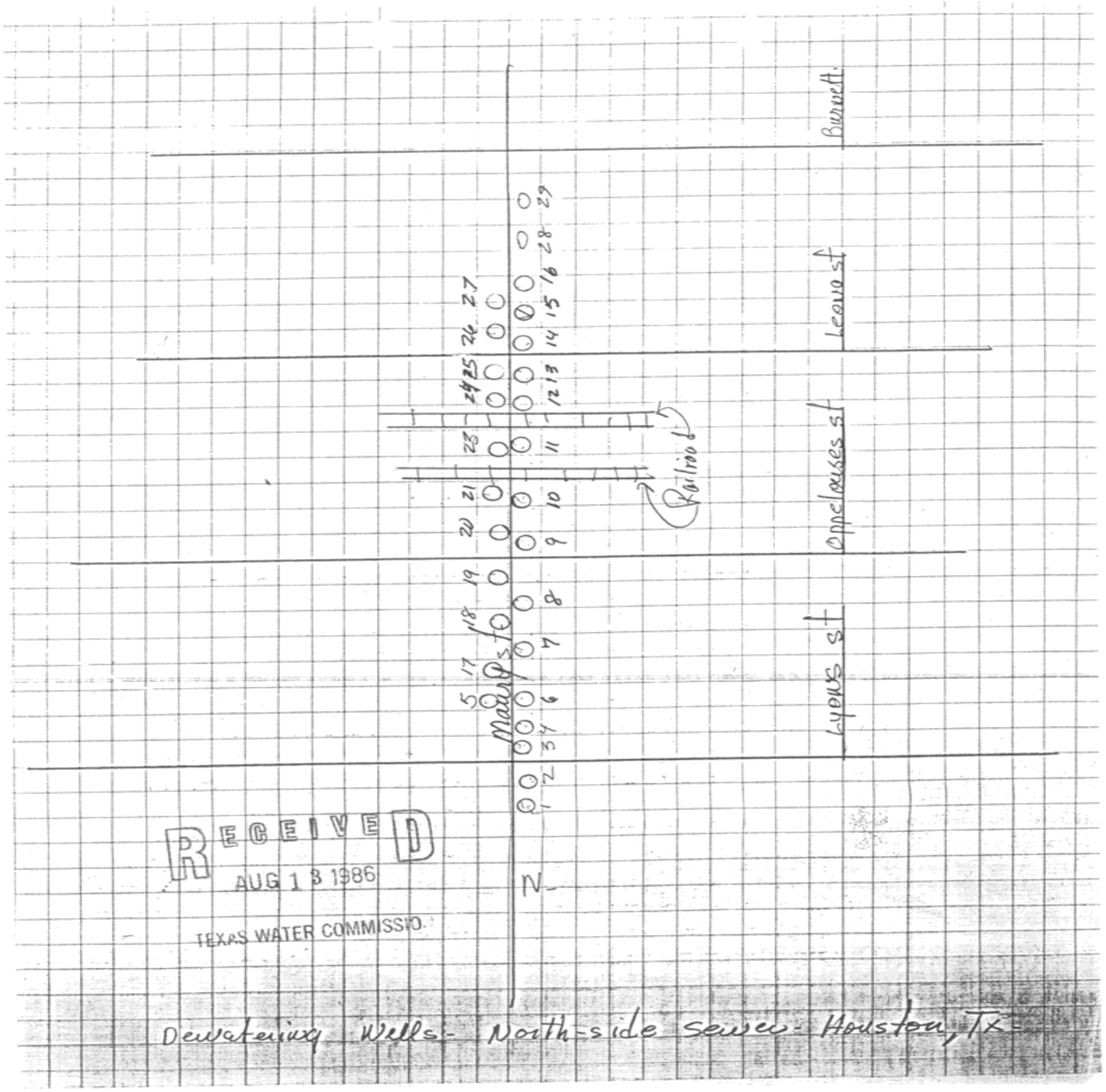
(Signed) (Licensed Water Well Driller) (Signed) (Registered Driller Trainee)

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

For TWC use only Well No. 65-14-7 Located on map

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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

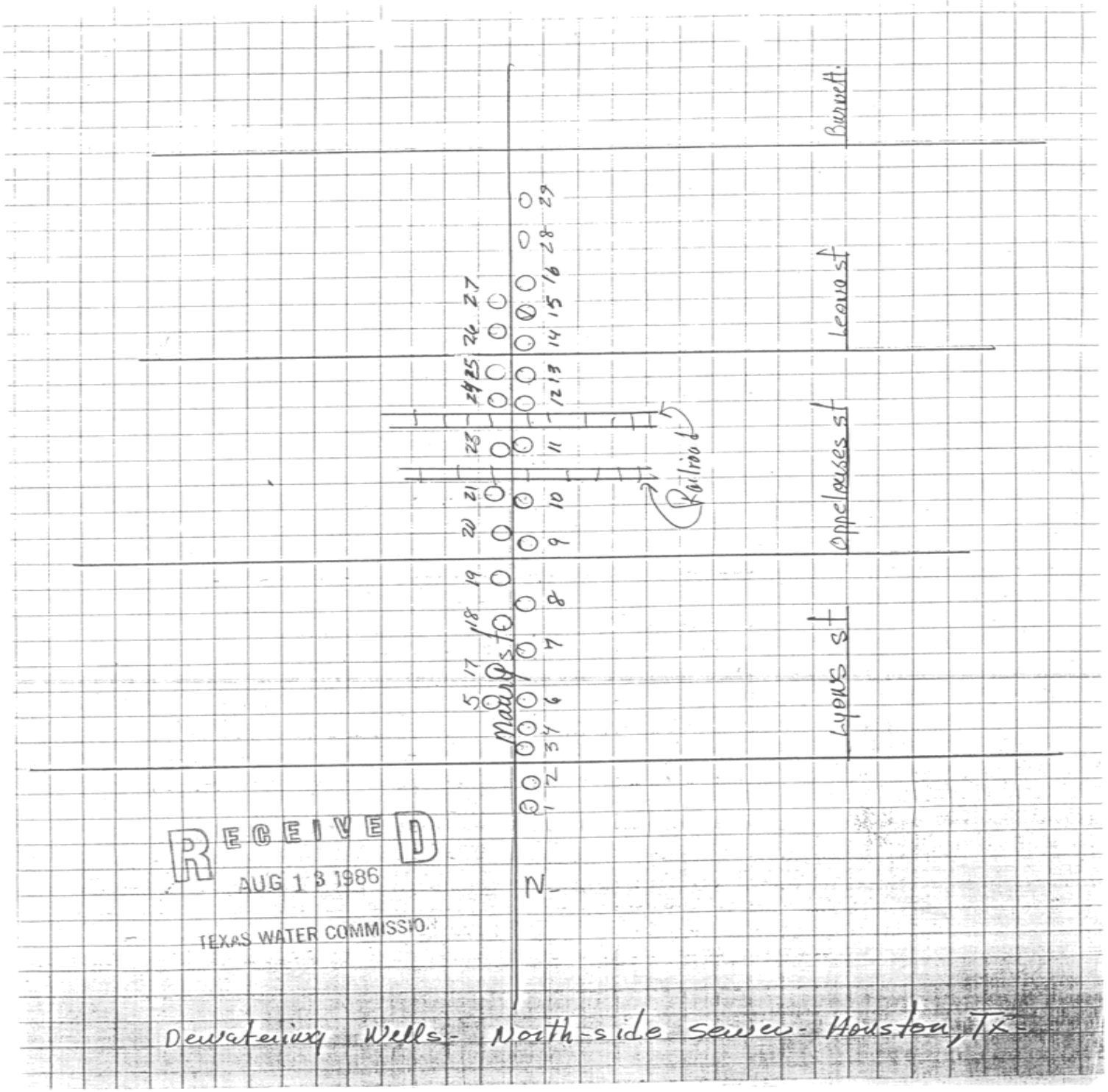

Burnett
Leona st
Appelouses st
Lyons st
Main st
Rollins
RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION
N
Dewatering Wells- North-side Sewer- Houston, TX

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 16 **Distance from Property: 0.40 mi. N**

ID NUMBER:	**TX205294**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONST. WELL #28**
DATE DRILLED:	**07/14/1986**
DEPTH DRILLED:	**72'**
STATIC LEVEL:	**40'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349538000**
LATITUDE:	**29.774198000**

2 PAGE(S) OF DRILLERS' LOGS


Burnett
Leona st
Oppelousas st
Lyons st
Main st
Railroad
RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION
N
Dewatering Wells - North-side Sewer - Houston, TX

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

well # 28

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 Greenfield Const. (Name) Address (Street or RFD) Houston (City) Texas (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
☑ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 7-14 1986 Completed 7-14 1986

Dia. (in.)	DIAMETER OF HOLE From (ft.)	To (ft.)
15	Surface	72

From (ft.)	To (ft.)	Description and color of formation material
0	2	Gravel
2	34	Red Clay
34	70	Brown Sand
70	72	Red Clay

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 10 ft. to 72 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
6	N	P.V.C. Riser	0	50	
6	N	P.V.C. Screen	50	70	.000

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 NONE
Cemented by

10) SURFACE COMPLETION NONE
☐ 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 40 ft. below land surface Date
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 1 ft. drawdown after hrs.

RECEIVED
AUG 13 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 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 Stang Dewatering (Type or Print) Water Well Driller's License No. 26446

ADDRESS 3801 Trail Mobile Dr. (Street or RFD) Houston (City) Texas (State) 77063 (Zip)

(Signed) (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. 65-14-7
Located on map

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 17 **Distance from Property: 0.41 mi. N**

ID NUMBER:	**TX205295**
STATE ID :	**65-14-7**
OWNER NAME:	**GREENFIELD CONST. WELL #29**
DATE DRILLED:	**07/15/1986**
DEPTH DRILLED:	**71'**
STATIC LEVEL:	**40'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.349538000**
LATITUDE:	**29.774369000**

2 PAGE(S) OF DRILLERS' LOGS

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

Well #29

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 Greenfield Const (Name) Address (Street or RFD) Houston (City) Texas (State) (Zip)

2) LOCATION OF WELL: County Harris miles 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
☑ See attached map. 65-14-7

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

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

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

6) WELL LOG:
Date Drilling: Started 7-15 1986 Completed 7-15 1986

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
15"	Surface	71

From (ft.)	To (ft.)	Description and color of formation material
0	1	Gravel
1	8	Blue Clay
8	34	Red & White Clay
34	69	Brown Sand
69	71	Red Clay

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☑ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 10 ft. to 71 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
6	N	PVC Riser	0	49	
6	N	PVC Screen	49	69	020

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
Cemented by NONE

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)] NONE
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 40 ft. below land surface Date
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: gpm with total ft. drawdown after hrs.

RECEIVED
AUG 13 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 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 Stang Dewatering (Type or Print) Water Well Driller's License No. 2644W

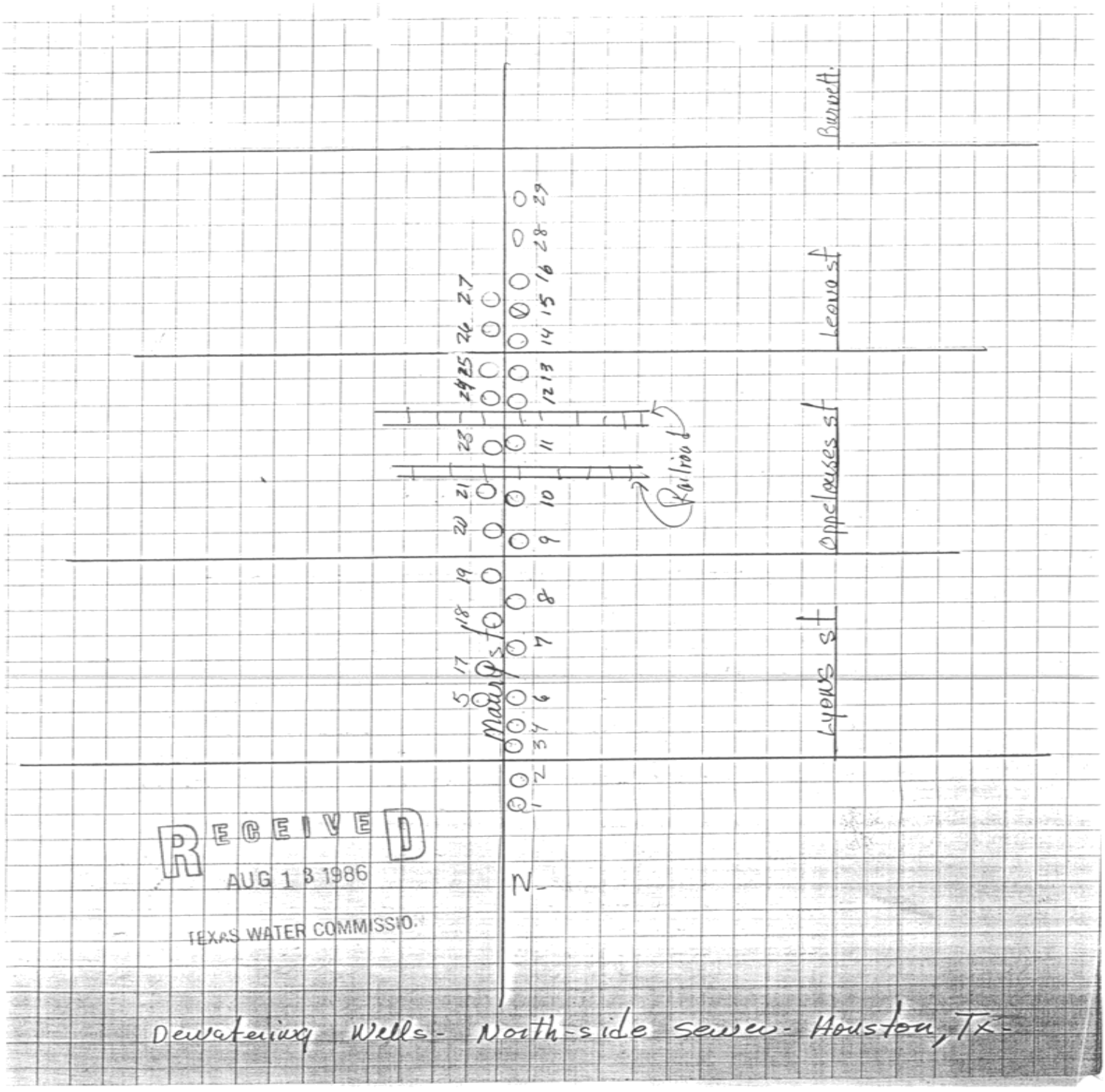
ADDRESS 3801 Trailmobile Dr. (Street or RFD) Houston (City) Texas (State) 77023 (Zip)

(Signed) (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. 65-14-7 Located on map

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


Bennett
Leona st
Appelouses st
Lyons st
Railroad
Main st
RECEIVED
AUG 13 1986
TEXAS WATER COMMISSION
N
Dewatering Wells - North-side Sewer - Houston, Tx -

MAP ID# 18 **Distance from Property: 0.39 mi. WSW**

TRACK #: **273565**
DATE ENTERED: **2011-12-08**
OWNER NAME: **HARRIS COUNTY**
OWNER ADDRESS: **1001 PRESTON, 7TH FLOOR**
HOUSTON, TX 77002
COUNTY: **HARRIS**
LATITUDE: **29.764167000** LONGITUDE: **-95.357223000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=273565&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2011-10-17**
DRILLING DATE (COMPLETED): **2011-12-07**
DEPTH DRILLED: **44'**

WATER LEVEL:
STATIC LEVEL: **185'**
WATER LEVEL DATE: **2011-12-07**
TYPE OF WATER: **FRESH**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
INDUSTRIAL
COMPANY INFORMATION:
COMPANY NAME: **WEISINGER INCORPORATED**
COMPANY ADDRESS: **2200 EAST DAVIS**
CONROE, TX 77301

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 18 **Distance from Property: 0.39 mi. WSW**

WELL ID:	**11658**
OWNERS NAME:	
YEAR DRILLED:	**Not Reported**
DEPTH DRILLED:	**680'**
STATIC LEVEL:	**450'**
WATER USAGE:	**OTHER**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.356424000**
LATITUDE:	**29.764411000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 19 **Distance from Property: 0.50 mi. E**

ID NUMBER:	**TX208785**
STATE ID :	**N/A**
OWNER NAME:	**SWANN ICE CO**
DATE DRILLED:	**08/21/1972**
DEPTH DRILLED:	**354'**
STATIC LEVEL:	**165'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.342632000**
LATITUDE:	**29.766173000**

1 PAGE(S) OF DRILLERS' LOGS

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 NO
Received: 7 3
alc

1) OWNER:
Person having well drilled Swann Lee Co. (Name) Address 418 Jensen Dr. (Street or RFD) Hou. (City) Tex (State)
Landowner Same (Name) Address (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County Harris, 0 miles in 0 (N.E., S.W., etc.) direction from Houston (Town)

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

418 Jensen Dr.

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 6¼" in. Depth drilled 354 ft. Depth of completed well 354 ft. Date drilled 8-21-7
All measurements made from 4 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	2	Top Soil
2	310	Unconsolidated
310	354	Sand

9) Casing:
Type: Old New ✓ Steel ✓ Plastic Other
Cemented from 0 ft. to 317' ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4"	0	317	30
2"	317	334	40

10) SCREEN:
Type 5.5.
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2"	334	354	#16

(Use reverse side if necessary)

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

8) WATER LEVEL:
Static level 165 ft. below land surface Date 8-23-7
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 9235 N. Hou. Rosslyn Hou Tex (Street or RFD) (City) (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-GW-53

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 19 **Distance from Property: 0.50 mi. E**

WELL ID:	**2265**
OWNERS NAME:	**SWANN ICE SERVICE, INC., C. H.**
YEAR DRILLED:	**1981**
DEPTH DRILLED:	**NOT REPORTED**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.342632000**
LATITUDE:	**29.766173000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 20 **Distance from Property: 0.59 mi. WNW**

STATE ID:	**65-14-733**
OWNER'S NAME:	**MISSOURI, KANSAS AND TEXAS RAILROAD**
DATE DRILLED:	**00/00/1910**
DEPTH DRILLED:	**1638'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.360250000**
LATITUDE:	**29.771780000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514733/6514733.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514733 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294617 **Longitude** 952136 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
Missouri, Kansas and Texas Railroad

Driller
Layne Texas

Address _____ **Tenant/Oper.** _____

Date Drilled / /1910 **Depth** 1638 **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 -** M **Quality -** Y **Logs -** **Other Data -**

WATER LEVELS 2 measurements
1931 to 1939
MIN -59.1 MAX -51.3

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
Well destroyed.

Aquifer - 112CEVG **ID -** 15
CHICOT AND EVANGELINE AQUIFERS

Wednesday, July 05, 2006

Well Number - 6514733

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 21 **Distance from Property: 0.59 mi. SE**

STATE ID:	**65-14-754**
OWNER'S NAME:	**ZERO ICE CO.**
DATE DRILLED:	**00/00/1923**
DEPTH DRILLED:	**881'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.344820000**
LATITUDE:	**29.760840000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514754/6514754.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514754 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294539 **Longitude** 952042 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Zero Ice Co.

Driller
Layne Bowler Co.

Address _____ **Tenant/Oper.** _____

Date Drilled / /1923 **Depth** 881 **Source of Depth** **Altitude** 30 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION

Const-Method

Completion

Casing Material

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
1938
-56

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

Reporting Agency 01

REMARKS -
TWDB R178: 180 ft. of screen
between 150 and 694 ft.
Yield: 375 gpm with 50 ft.
drawdown on 2/23/38

Aquifer - 121EVGL **ID -** 15
EVANGELINE
AQUIFER

Tuesday, August 30, 2005

Well Number - 6514754

WATER UTILITY DATABASE (WUD)

MAP ID# 22 **Distance from Property: 0.60 mi. WSW**

PWSID:	**1010013**
SOURCE ID:	**G1010013GR**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1925**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.359725950**
LATITUDE:	**29.763334270**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 22 **Distance from Property: 0.61 mi. WSW**

STATE ID:	**65-14-747**
OWNER'S NAME:	**CITY OF HOUSTON CENTRAL**
DATE DRILLED:	**00/00/1925**
DEPTH DRILLED:	**1535'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.360350000**
LATITUDE:	**29.763790000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514747/6514747.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 747 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 45 48 Longitude - 95 21 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 - / /1925 Depth - 1,535 ft. Source of Depth - Altitude - 35 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- M Quality- Y Logs- Other Data-

WATER LEVELS Date- 07/10/1925 Measurement- -48.00
Date- 03/09/1948 Measurement- -188.80

Recorded By _____ Date Record Collected or Updated- / /

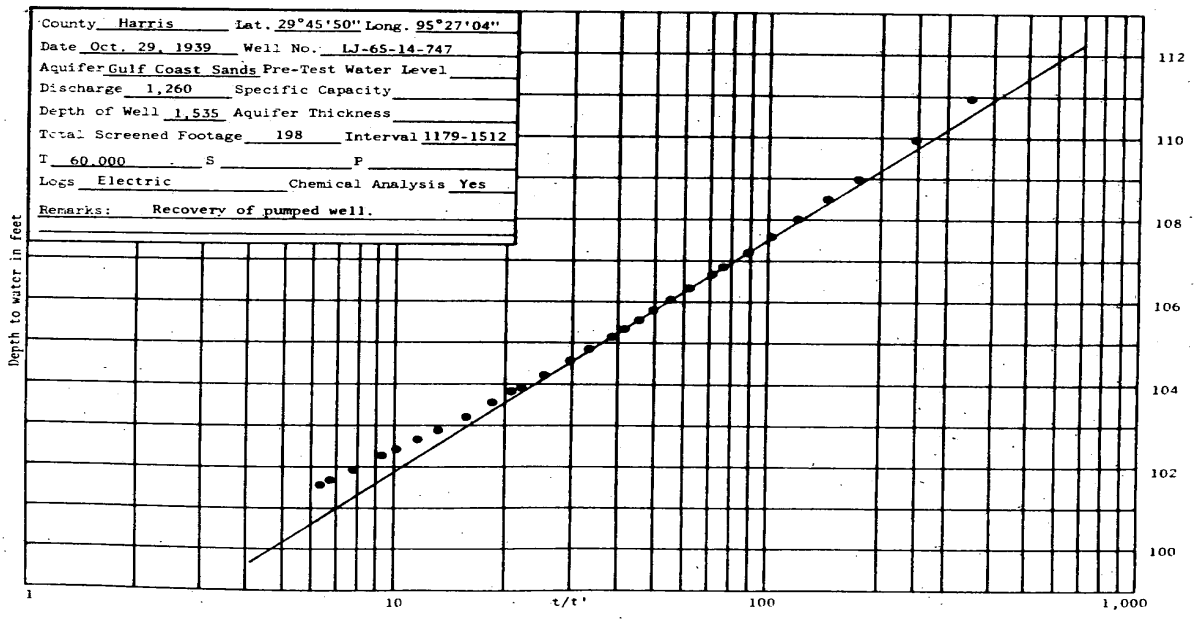
| Casing or Blank Pipe (C)
| Well Screen or Slotted Zone (
| Open Hole (O)
| Cemented from_____to_____

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		

Reporting Agency -
REMARKS -
198 ft of screen between 1179 and
1512 ft. Yield 1110 gpm Jan.1942.
Well destroyed.

Aquifer - 121EVGL
Well No. - 65 14 747

State ID: 65-14-747



- 234 -

WATER UTILITY DATABASE (WUD)

MAP ID# 23 **Distance from Property: 0.62 mi. WSW**

PWSID:	**1010013**
SOURCE ID:	**G1010013GS**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1925**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.360832210**
LATITUDE:	**29.764999390**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 24 **Distance from Property: 0.63 mi. W**

STATE ID:	**65-14-748**
OWNER'S NAME:	**CITY OF HOUSTON CENTRAL**
DATE DRILLED:	**00/00/1925**
DEPTH DRILLED:	**980'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.361370000**
LATITUDE:	**29.765650000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514748/6514748.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 748 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 45 54 Longitude - 95 21 39 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 - / /1925 Depth - 980 ft. Source of Depth - Altitude - 40 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- M Quality- Y Logs- Other Data-

WATER LEVELS Date- 11/17/1938 Measurement- -96.80
Date- 03/08/1957 Measurement- -229.20

Recorded By _____ Date Record Collected or Updated- / /

| 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		

Reporting Agency -
REMARKS -
141 ft of screen between 708 and
978 ft. Well destoryed. Well D-17.

Aquifer - 121EVGL
Well No. - 65 14 748

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 25 **Distance from Property: 0.64 mi. SE**

WELL ID:	**2843**
OWNERS NAME:	**HOUSTON SHELL & CONCRETE**
YEAR DRILLED:	**1962**
DEPTH DRILLED:	**640'**
STATIC LEVEL:	**600'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.342886000**
LATITUDE:	**29.761381000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 26 **Distance from Property: 0.65 mi. W**

STATE ID:	**65-14-713**
OWNER'S NAME:	**SOUTHLAND**
DATE DRILLED:	**00/00/1941**
DEPTH DRILLED:	**354'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.361850000**
LATITUDE:	**29.766490000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514713/6514713.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514713 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294559 **Longitude** 952143 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
Southland

Driller
Layne Texas

Address _____ **Tenant/Oper.** _____

Date Drilled / /1941 **Depth** 354 **Source of Depth** **Altitude** 40 **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 -** M **Quality -** Y **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1941
-78

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
145 ft of screen between 166 and 351 ft. Formerly supplied ice plant.

Aquifer - 112CHCTL **ID -** 15
CHICOT
AQUIFER,LOWER

Wednesday, July 05, 2006

Well Number - 6514713

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 26 **Distance from Property: 0.65 mi. W**

WELL ID:	**1676**
OWNERS NAME:	**SOUTHLAND CORPORATION, THE**
YEAR DRILLED:	**1946**
DEPTH DRILLED:	**900'**
STATIC LEVEL:	**622'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.361849000**
LATITUDE:	**29.766491000**
SOURCE:	**HGSD**

WATER UTILITY DATABASE (WUD)

MAP ID# 27 **Distance from Property: 0.66 mi. WSW**

PWSID:	**1010013**
SOURCE ID:	**G1010013GT**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**08/28/1945**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.361114500**
LATITUDE:	**29.763889310**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 27 **Distance from Property: 0.65 mi. WSW**

STATE ID:	**65-14-740**
OWNER'S NAME:	**SOUTHERN PACIFIC BUILDING**
DATE DRILLED:	**00/00/1923**
DEPTH DRILLED:	**861'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.361050000**
LATITUDE:	**29.763840000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514740/6514740.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514740 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294549 **Longitude** 952139 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
Southern Pacific
Building

Driller
Taylor and Roberts

Address _____ **Tenant/Oper.** _____

Date Drilled / /1923 **Depth** 861 **Source of Depth** **Altitude** 40 **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 -
97 ft of screen between 626 and 861
ft. Well destroyed.

Aquifer - 121EVGL **ID -** 15

EVANGELINE
AQUIFER

Wednesday, July 05, 2006

Well Number - 6514740

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 28 **Distance from Property: 0.68 mi. WNW**

STATE ID:	**65-14-716**
OWNER'S NAME:	**SUNSHINE LAUNDRY**
DATE DRILLED:	**00/00/1929**
DEPTH DRILLED:	**602'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.361140000**
LATITUDE:	**29.773320000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514716/6514716.pdf**

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**

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 -
Screen from 562 to 602 ft. Well destroyed.

Aquifer - 112CEVG **ID -** 15
CHICOT AND EVANGELINE AQUIFERS

Wednesday, July 05, 2006

Well Number - 6514716

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 29 **Distance from Property: 0.71 mi. WSW**

STATE ID:	**65-14-751**
OWNER'S NAME:	**T.J. BETTIS BUILDING**
DATE DRILLED:	**00/00/1923**
DEPTH DRILLED:	**363'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.360668000**
LATITUDE:	**29.761460000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514751/6514751.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514751 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294542 **Longitude** 952137 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
T.J. Bettis Building

Driller
Layne Bowler

Address _____ **Tenant/Oper.** _____

Date Drilled / /1923 **Depth** 363 **Source of Depth** **Altitude** 40 **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 -** M **Quality -** Y **Logs -** **Other Data -**

WATER LEVELS *1 measurement*
1923
-40

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
83 ft of screen between 206 and 363 ft. Reported yield 100 gpm in 1941.

Aquifer - 112CHCTL **ID -** 15
CHICOT AQUIFER,LOWER

Wednesday, February 14, 2007

Well Number - 6514751

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 30 **Distance from Property: 0.74 mi. SSW**

STATE ID:	**65-14-750**
OWNER'S NAME:	**BURKHART LAUNDRY**
DATE DRILLED:	**00/00/1931**
DEPTH DRILLED:	**1402'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.356029000**
LATITUDE:	**29.757749000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514750/6514750.pdf**

State ID: 65-14-750

Texas Water Development Board
Well Schedule

State Well Number 6514750 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294526 **Longitude** 952120 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
Burkhart Laundry

Driller
McMasters and
Pomeroy

Address _____ **Tenant/Oper.** _____

Date Drilled / /1931 **Depth** 1402 **Source of Depth** **Altitude** 50 **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 -** TURBINE 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 -** 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 1358 to 1402 ft.
Reported yield 200 gpm in 1941.

Aquifer - 121EVGL **ID -** 15
EVANGELINE
AQUIFER

Wednesday, February 14, 2007

Well Number - 6514750

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 31 **Distance from Property: 0.75 mi. W**

STATE ID:	**65-14-726**
OWNER'S NAME:	**HOUSTON ICE AND COLD STORAGE CO.**
DATE DRILLED:	**00/00/1915**
DEPTH DRILLED:	**825'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.363520000**
LATITUDE:	**29.766180000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514726/6514726.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514726 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294559 **Longitude** 952144 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
Houston Ice and Cold Storage Co.

Driller
J.A. Walling

Address _____ **Tenant/Oper.** _____

Date Drilled / /1915 **Depth** 825 **Source of Depth** **Altitude** 40 **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 -** N **Quality -** Y **Logs -** **Other Data -**

WATER LEVELS

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
Well destoyed.

Aquifer - 112CEVG **ID -** 15
CHICOT AND EVANGELINE AQUIFERS

Wednesday, July 05, 2006

Well Number - 6514726

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 31 **Distance from Property: 0.75 mi. W**

STATE ID:	**65-14-715**
OWNER'S NAME:	**HOUSTON ICE AND COLD STORAGE**
DATE DRILLED:	**00/00/1915**
DEPTH DRILLED:	**720'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.363530000**
LATITUDE:	**29.766190000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514715/6514715.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514715 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294558 **Longitude** 952147 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
Houston Ice and
Cold Storage

Driller
J.A. Walling

Address _____ **Tenant/Oper.** _____

Date Drilled / /1915 **Depth** 720 **Source of Depth** **Altitude** 40 **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 -** M **Quality -** Y **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1931
-52.3

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
Original depth 745 ft. Well de-
stroyed.

Aquifer - 121EVGL **ID -** 15

EVANGELINE
AQUIFER

Wednesday, July 05, 2006

Well Number - 6514715

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 32 **Distance from Property: 0.84 mi. SSE**

STATE ID:	**65-14-730**
OWNER'S NAME:	**MISSOURI PACIFIC LINES**
DATE DRILLED:	**00/00/1907**
DEPTH DRILLED:	**1390'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.348253000**
LATITUDE:	**29.755659000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514730/6514730.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514730 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294519 **Longitude** 952051 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
Missouri Pacific Lines

Driller
Layne Bowler co

Address _____ **Tenant/Oper.** _____

Date Drilled / /1907 **Depth** 1390 **Source of Depth** **Altitude** 46 **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 -** N **Quality -** Y **Logs -** **Other Data -**

WATER LEVELS

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
100 ft of screen between 1270 and
1390 ft. Well destroyed

Aquifer - 121EVGL **ID -** 15

EVANGELINE
AQUIFER

Thursday, December 29, 2005

Well Number - 6514730

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 33 **Distance from Property: 0.85 mi. WSW**

STATE ID:	**65-14-728**
OWNER'S NAME:	**RICE HOTEL**
DATE DRILLED:	**00/00/1913**
DEPTH DRILLED:	**1395'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.362820000**
LATITUDE:	**29.760610000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514728/6514728.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514728 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294539 **Longitude** 952147 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
Rice Hotel

Driller
Layne Bowler

Address _____ **Tenant/Oper.** _____

Date Drilled / /1913 **Depth** 1395 **Source of Depth** **Altitude** 51 **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 -
Screen from 1303 to 1383 ft. Well destroyed.

Aquifer - 121EVGL **ID -** 15
EVANGELINE AQUIFER

Wednesday, February 14, 2007

Well Number - 6514728

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 33 **Distance from Property: 0.85 mi. WSW**

STATE ID:	**65-14-729**
OWNER'S NAME:	**RICE HOTEL**
DATE DRILLED:	**00/00/1926**
DEPTH DRILLED:	**896'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.362810000**
LATITUDE:	**29.760610000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514729/6514729.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514729 **Previous Well Number** . **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294540 **Longitude** 952146 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
Rice Hotel

Driller
J.A. Walling

Address _____ **Tenant/Oper.** _____

Date Drilled / /1926 **Depth** 896 **Source of Depth** **Altitude** 51 **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 abandoned in 1952.

Aquifer - 112CEVG **ID -** 15
CHICOT AND EVANGELINE AQUIFERS

Wednesday, February 14, 2007

Well Number - 6514729

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 34 **Distance from Property: 0.87 mi. S**

STATE ID:	**65-14-753**
OWNER'S NAME:	**GOULD WET WASH LAUNDRY**
DATE DRILLED:	**00/00/1924**
DEPTH DRILLED:	**1391'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.349646000**
LATITUDE:	**29.755048000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514753/6514753.pdf**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 35 **Distance from Property: 0.89 mi. E**

WELL ID:	**1952**
OWNERS NAME:	**NATIONAL VINEGAR COMPANY**
YEAR DRILLED:	**1968**
DEPTH DRILLED:	**506'**
STATIC LEVEL:	**486'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.335882000**
LATITUDE:	**29.767468000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 35 **Distance from Property: 0.89 mi. E**

STATE ID:	**65-14-732**
OWNER'S NAME:	**NATIONAL VINEGAR CO**
DATE DRILLED:	**00/00/1968**
DEPTH DRILLED:	**506'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.335883000**
LATITUDE:	**29.767467000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514732/6514732.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514732 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294603 **Longitude** 952009 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
National Vinegar Co

Driller
Hildebrandt Well Srv

Address _____ **Tenant/Oper.** _____

Date Drilled / /1968 **Depth** 506 **Source of Depth** D **Altitude** 50 **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 -** INDUSTRIAL **Secondary -** **Tertiary -**

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

WATER LEVELS 1 measurement
1968
-200

Recorded By _____ **Date Record Collected or Updated -** 12/ /1988

Reporting Agency 02

REMARKS -

Aquifer - 112CHCT **ID -** 15

CHICOT
AQUIFER

Tuesday, August 30, 2005

Well Number - 6514732

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 35 **Distance from Property: 0.89 mi. E**

STATE ID:	**65-14-734**
OWNER'S NAME:	**NATIONAL VINEGAR CO**
DATE DRILLED:	**00/00/1968**
DEPTH DRILLED:	**506'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.335882000**
LATITUDE:	**29.767466000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514734/6514734.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514734 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294603 **Longitude** 952009 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
National Vinegar co

Driller
Hildebrandt Well

Address _____ **Tenant/Oper.** _____

Date Drilled / /1968 **Depth** 506 **Source of Depth** D **Altitude** 50 **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 -** INDUSTRIAL **Secondary -** **Tertiary -**

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

WATER LEVELS 1 measurement
1968
-200

Recorded By _____ **Date Record Collected or Updated -** 12/ /1988

Reporting Agency 02

REMARKS -

Aquifer - 112CHCT **ID -** 15
CHICOT
AQUIFER

Tuesday, August 30, 2005

Well Number - 6514734

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 35 **Distance from Property: 0.89 mi. E**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294602095200801**
STATION NAME: **LJ-65-14-734**
SITE TYPE: **GW**
LATITUDE: **29.767469000** LONGITUDE: **-95.335881000**
DATE DRILLED: **01/01/1968**
WELL DEPTH: **506 feet**
HOLE DEPTH: **506 feet**
LOCAL AQUIFER: **CHICOT AQUIFER**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 35 **Distance from Property: 0.89 mi. E**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294602095200802**
STATION NAME: **LJ-65-14-732**
SITE TYPE: **GW**
LATITUDE: **29.767468000** LONGITUDE: **-95.335883000**
DATE DRILLED: **01/01/1950**
WELL DEPTH: **506 feet**
HOLE DEPTH: **506 feet**
LOCAL AQUIFER: **CHICOT AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 35 **Distance from Property: 0.89 mi. E**

WELL ID:	**1951**
OWNERS NAME:	**NATIONAL VINEGAR COMPANY**
YEAR DRILLED:	**1968**
DEPTH DRILLED:	**506'**
STATIC LEVEL:	**486'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.335881000**
LATITUDE:	**29.767469000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 36 **Distance from Property: 0.91 mi. WSW**

STATE ID:	**65-14-725**
OWNER'S NAME:	**MODEL LAUNDRY**
DATE DRILLED:	**00/00/1909**
DEPTH DRILLED:	**1875'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.365590000**
LATITUDE:	**29.763530000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514725/6514725.pdf**

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

Wednesday, February 14, 2007

Well Number - 6514725

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 37 **Distance from Property: 0.94 mi. SSW**

ID NUMBER:	**TX168421**
STATE ID :	**65-14-7E**
OWNER NAME:	**JACK PHILPOT**
DATE DRILLED:	**02/20/1981**
DEPTH DRILLED:	**384'**
STATIC LEVEL:	**181'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.358165000**
LATITUDE:	**29.755420000**

1 PAGE(S) OF DRILLERS' LOGS

Dup
LW. #80

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. 65-14-7E
Located on map YES
Received: KLW

1) OWNER Jack Philpot (Kerville Bus Terminal) Address 2427 Bartlett Hou. TX. 77098
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 0 miles in CENTRAL direction from HOUSTON
(N.E., S.W., etc.) (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 65-22-8P

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 2/20/81

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	384

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	200	Clay
200	218	Sand
218	240	Sandy Clay
240	261	Sand
261	263	Clay
263	270	Sand
270	291	Clay
291	294	Sand
294	321	Clay
321	341	Sand
341	365	Fine Silty Sand
365	374	Sand
374	375	Clay (Mears)
375	384	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 Casing Screen
4	N	Galvanized Steel	0	358	
2	N	PLASTIC	364	374	.014
2	N	PLASTIC	374	384	.016

CEMENTING DATA
Cemented from 308 ft. to 358 ft.
Method used Halliburton
Cemented by Bussell & Son, INC.
(Company or Individual)

9) WATER LEVEL:
Static level 181 ft. below land surface Date 2/23/81
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., 275 ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 55 gpm with 31 ft. drawdown after 2 hrs.

(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. Hou. Rosslyn (Street or RFD) Hou. (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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 38 **Distance from Property: 0.95 mi. SW**

STATE ID:	**65-14-744**
OWNER'S NAME:	**KRESS BUILDING**
DATE DRILLED:	**00/00/1913**
DEPTH DRILLED:	**542'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.363130000**
LATITUDE:	**29.758630000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514744/6514744.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 744 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 45 28 Longitude - 95 21 38 Source of Coords - 2

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

Owner - Kress Building Driller - Layne Texas Co.

Address _____ Tenant/Oper. _____
Date Drilled - / /1913 Depth - 542 ft. Source of Depth - Altitude - 50 ft. Source of Alt. -
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER 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- M Quality- N Logs- Other Data-

WATER LEVELS Date- 02/01/1931 Measurement- -68.80
Date- / / Measurement-

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

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB R178: Screen from 500 to
540 ft.

| 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 14 744

Texas Water Development Board
Well Schedule

State Well Number 6514744 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294528 **Longitude** 952138 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Kress Building

Driller
Layne Texas Co.

Address _____ **Tenant/Oper.** _____

Date Drilled / /1913 **Depth** 542 **Source of Depth** **Altitude** 50 **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 -** 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
-68.8

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

Reporting Agency 01

REMARKS -
TWDB R178: Screen from 500 to 540 ft.

Aquifer - 112CHCTL **ID -** 15
CHICOT
AQUIFER,LOWER

Well Number - 6514744

Wednesday, December 28, 2005

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 39 **Distance from Property: 0.99 mi. SW**

STATE ID:	**65-14-743**
OWNER'S NAME:	**AMBASSADOR APARTMENTS**
DATE DRILLED:	**00/00/1910**
DEPTH DRILLED:	**888'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.361005000**
LATITUDE:	**29.756231000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514743/6514743.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514743 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294521 **Longitude** 952139 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
Ambassador Apartments

Driller
Layne Texas

Address _____ **Tenant/Oper.** _____

Date Drilled / /1910 **Depth** 888 **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 -
Screen from 813 to 873 ft. Well destoryed.

Aquifer - 121EVGL **ID -** 15

EVANGELINE AQUIFER

Wednesday, December 28, 2005

Well Number - 6514743

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 40 **Distance from Property: 1.02 mi. SE**

ID NUMBER:	**TX199550**
STATE ID :	**65-22-2D**
OWNER NAME:	**FELIX MORALES**
DATE DRILLED:	**04/14/1970**
DEPTH DRILLED:	**186'**
STATIC LEVEL:	**115'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.341532000**
LATITUDE:	**29.755245000**

1 PAGE(S) OF DRILLERS' LOGS

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. 65-22-20
Located on map Yes
Received: 70
dr

1) OWNER:
Person having well drilled Felix Morales (Name) Address 2901 Canal, 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 Houston (Town)

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

2.
Map on - 60-64-18
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 186 ft. Depth of completed well 186 ft. Date drilled 4/14/70
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	5	Fill
5	60	Red clay
60	73	Red sand
73	163	Blue clay
163	186	Sand

9) Casing:
Type: Old New ✓ Steel ✓ Plastic Other
Cemented from 131 ft. to 171 ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4"	0	171'	Sch 40

10) SCREEN:
Type Plastic wrapped
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2½	186	186	12 GA.

(Use reverse side if necessary)

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

8) WATER LEVEL:
Static level 115 ft. below land surface Date 4/14/70
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., 157 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 Millard M. Smith (Type or Print) Water Well Drillers Registration No. 467
ADDRESS 12401 Kayla Ln. (Street or RFD) Houston, (City) Texas (State)
(Signed) Millard Smith (Water Well Driller) A & L Pump & Well Service (Company Name)

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

*Additional instructions on reverse side.

TWDBE-GW-53

TX6522200O4

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 41 **Distance from Property: 1.04 mi. WSW**

WELL ID:	**4266**
OWNERS NAME:	**HINES CONSOLIDATED INVESTMENTS**
YEAR DRILLED:	**1990**
DEPTH DRILLED:	**44'**
STATIC LEVEL:	**25'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.366410000**
LATITUDE:	**29.760631000**
SOURCE:	**HGSD**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 41 **Distance from Property: 1.04 mi. WSW**

WELL ID:	**4265**
OWNERS NAME:	**HINES CONSOLIDATED INVESTMENTS**
YEAR DRILLED:	**1990**
DEPTH DRILLED:	**58'**
STATIC LEVEL:	**35'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.366410000**
LATITUDE:	**29.760631000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 42 **Distance from Property: 1.04 mi. WSW**

STATE ID:	**65-14-736**
OWNER'S NAME:	**NIELS ESPERSON BLDG.**
DATE DRILLED:	**00/00/1925**
DEPTH DRILLED:	**895'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.365336000**
LATITUDE:	**29.758867000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514736/6514736.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514736 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294532 **Longitude** 952155 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
Niels Esperson Bldg.

Driller
Layne Texas

Address _____ **Tenant/Oper.** _____

Date Drilled / /1925 **Depth** 895 **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 -** M **Quality -** Y **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1931
-98.6

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
Screen from 844 to 894 ft.

Aquifer - 121EVGL **ID -** 15

EVANGELINE
AQUIFER

Well Number - 6514736

Wednesday, December 28, 2005

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 43 **Distance from Property: 1.05 mi. SE**

STATE ID:	**65-14-762**
OWNER'S NAME:	**LEAD PRODUCTS CO.**
DATE DRILLED:	**00/00/1953**
DEPTH DRILLED:	**258'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.337280000**
LATITUDE:	**29.757870000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514762/6514762.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514762 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294527 **Longitude** 952016 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
Lead Products Co.

Driller
H.L. Jackson

Address _____ **Tenant/Oper.** _____

Date Drilled / /1953 **Depth** 258 **Source of Depth** **Altitude** 40 **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 -** M **Quality -** Y **Logs -** **Other Data -**

WATER LEVELS 1 measurement
1955
-110

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
Screen from 233 ot 258 ft. Reported yield 100 gpm when drilled.

Aquifer - 112CHCTL **ID -** 15
CHICOT
AQUIFER,LOWER

Tuesday, August 30, 2005

Well Number - 6514762

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 44 **Distance from Property: 1.06 mi. S**

STATE ID:	**65-14-760**
OWNER'S NAME:	**COCA COLA BOTTLING CO.**
DATE DRILLED:	**00/00/1933**
DEPTH DRILLED:	**824'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.352740000**
LATITUDE:	**29.752350000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514760/6514760.pdf**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 45 **Distance from Property: 1.07 mi. SW**

WELL ID:	**2637**
OWNERS NAME:	**TISHMAN MANAGEMENT OF HOUSTON**
YEAR DRILLED:	**1939**
DEPTH DRILLED:	**900'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.364970000**
LATITUDE:	**29.757772000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 46 **Distance from Property: 1.10 mi. WSW**

STATE ID:	**65-14-765**
OWNER'S NAME:	**INEEDA LAUNDRY**
DATE DRILLED:	**00/00/1910**
DEPTH DRILLED:	**975'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.368550000**
LATITUDE:	**29.762730000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514765/6514765.pdf**

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

Friday, November 03, 2006

Well Number - 6514765

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 47 **Distance from Property: 1.11 mi. W**

STATE ID:	**65-14-707**
OWNER'S NAME:	**CITY OF HOUSTON CENTRAL**
DATE DRILLED:	**00/00/1945**
DEPTH DRILLED:	**2035'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.369259000**
LATITUDE:	**29.764502000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514707/6514707.pdf**

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.L.G. (7-21-65)

Record by Joe W. Long (2-12-46) Source of data FILES Date 2-20-68 Map 1:24000 Sothegost 1955

State Texas 48 County (or town) Harris LJ

Latitude: 29 45 51 W Longitude: 095 22 10 Sequential number: 1

Lat-long accuracy: 1 T. S, R W, Sec

Local well number: LJ-65-14-707 Other number: Well C-18 B & M

Local use: Owner or name: City of Houston

Owner or name: CITY OF HOUSTON Address: CENTRAL PLANT

Ownership: (C) County, 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) Unused, (U) Repressure, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Z) Other P

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (Ø) Oil-gas, (P) Recharge, (R) Test, (T) Unused, (U) Withdraw, (W) Waste, (X) 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: E-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. Driller 3

Depth cased: (first perf.) 884 ft 8834 Casing type: STEEL ; Diam. 24-12¾ in accuracy 24

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Ø) open end, (P) perf., screen, sd. pt., (S) shored, (T) 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 1945 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, submerg, (T) turb, (Z) other T Deep D Shallow

Power (type): diesel, elec, nat gas, gasoline, hand, gas, wind; H.P. LP 5 Trans. or meter no.

Descrip. MP Steel Csg. & Conc. Pump Base 2± ft above below LSD. Alt. MP 33'

Alt. LSD: 25' 25 Accuracy: (source) Topo 5' 3

Water Level Static 151.35 ft above below MP, ft above below LSD 149 Accuracy: Meas. A

Date meas: 8-20-45 8545 Yield: 2660 gpm 2660 Method determined

Drawdown: 77 ft 77 Accuracy: Meas. USGS WD 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 76-3

Well No. LJ-65-14-707

Well No. LJ-65-14-707

Latitude-longitude 29 d 45 m 51 s S 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: _____ 511R (23-25) Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, 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 C (30-31)

Lithology: _____ (32-33) Origin: _____ (34) Aquifer Thickness: _____ ft

(35-37) Length of well open to: 223 ft 723 (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/ft²; 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. 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 - 1983 .021

Bott. 2034' 10"

GPO 857-700

Well No. LJ-65-14-707

(11-74) Water Resources Division Austin, Texas

Latitude	Longitude	Seq. No.
29 45 51	095 22 10	01

County code 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 12-1EVGV

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: 29 45 51 095 22 10 01 (2–16)

Y M D: 75 02 10 (17–22) Begin

Time of measurement: ____ (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008	1328	01	
Yield (GPM)	00059			
Sample interval TOP	72015	884	03	
Sample interval BOTTOM	72016	1989	01	
Water				

	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 121EVGL

Sample interval: (top) 884 (bottom) 1959

Water level — Apprclear Use PS

Collector Mattel Yield — GPM

Smpld aftr pmpg en 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 | Station identification number 29455109522100 1

Y M D: 76 02 11 (Begin) | Time of measurement

	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				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

(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 095221 0011 (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			

	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	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				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Austin, Texas

019079

Latitude ° ' " 29 45 51 | Longitude ° ' " 095 52 21 | Seq. No. 01

County code 101 County HARRIS

Well # LJ C5-14-707

Project number T4648-01000

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 ARRIV Depth —

Pt of coll TAP ON DISCHARGE TA

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 29455109552210 1 (2–16)

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			

	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	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				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 47 **Distance from Property: 1.11 mi. W**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294551095221001**
STATION NAME: **LJ-65-14-707**
SITE TYPE: **GW**
LATITUDE: **29.764502000** LONGITUDE: **-95.369259000**
DATE DRILLED: **194506**
WELL DEPTH: **2035 feet**
HOLE DEPTH: **2495 feet**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 47 **Distance from Property: 1.11 mi. W**

WELL ID:	**1019**
OWNERS NAME:	**HOUSTON, CITY OF**
YEAR DRILLED:	**1945**
DEPTH DRILLED:	**2035'**
STATIC LEVEL:	**884'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.369255000**
LATITUDE:	**29.764502000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 48 **Distance from Property: 1.12 mi. SW**

STATE ID:	**65-14-721**
OWNER'S NAME:	**COMMERCE BUILDING**
DATE DRILLED:	**00/00/1939**
DEPTH DRILLED:	**900'**
WATER USAGE:	**OTHER**
LONGITUDE:	**-95.363920000**
LATITUDE:	**29.755800000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514721/6514721.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514721 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294520 **Longitude** 952150 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Commerce Building

Driller
Layne Texas Co.

Address _____ **Tenant/Oper.** _____

Date Drilled / /1939 **Depth** 900 **Source of Depth** **Altitude** 51 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION

Const-Method

Completion

Casing Material

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 -** **Other Data -**

WATER LEVELS
1 measurement
1939
-118

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

Reporting Agency 01

REMARKS -
TWDB R178: 96 ft. of screen
between 752 and 882 ft.
Yeild: 800 gpm when drilled.

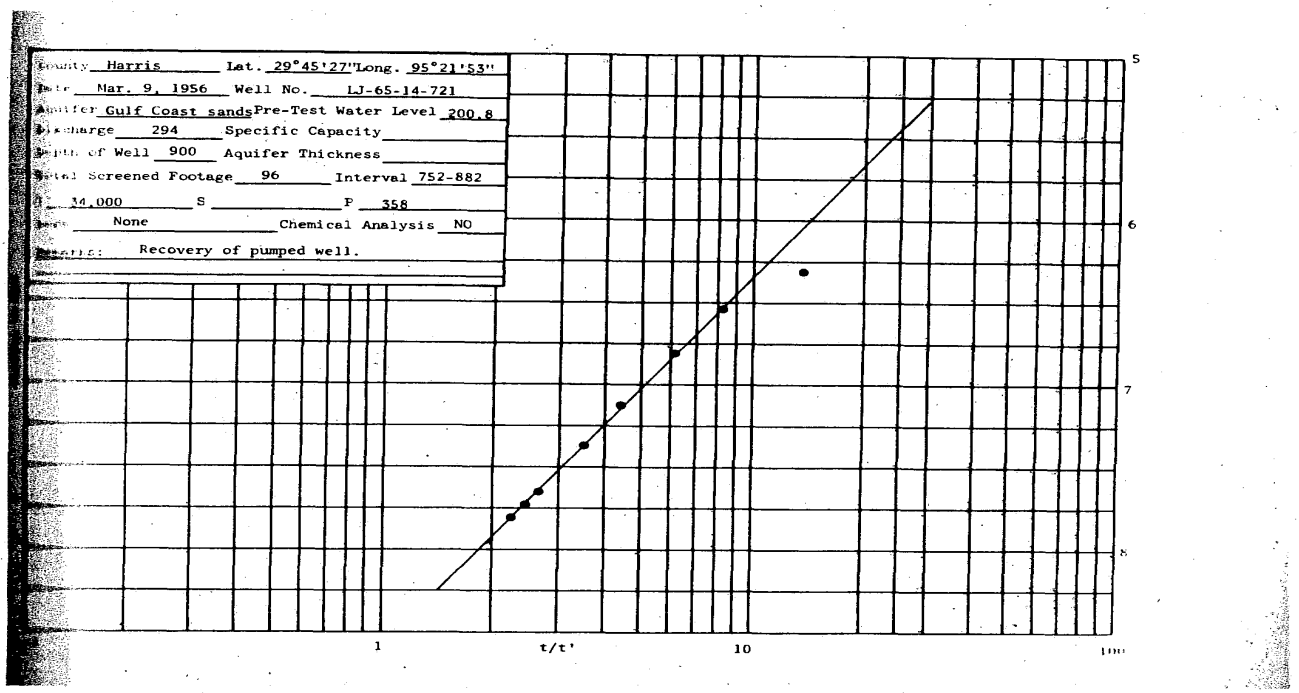
Aquifer - 121EVGL **ID -** 15
EVANGELINE
AQUIFER

Wednesday, December 28, 2005

Well Number - 6514721

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

State ID: 65-14-721



HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 49 **Distance from Property: 1.13 mi. SW**

WELL ID:	**3624**
OWNERS NAME:	**FIRST CITY NATIONAL BANK**
YEAR DRILLED:	**1981**
DEPTH DRILLED:	**550'**
STATIC LEVEL:	**455'**
WATER USAGE:	**OTHER**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.364709000**
LATITUDE:	**29.756333000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 50 **Distance from Property: 1.15 mi. WSW**

STATE ID:	**65-14-720**
OWNER'S NAME:	**RICE HOTEL LAUNDRY**
DATE DRILLED:	**00/00/1936**
DEPTH DRILLED:	**1502'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.368700000**
LATITUDE:	**29.760930000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514720/6514720.pdf**

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

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 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

Wednesday, December 28, 2005

Well Number - 6514720

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 51 **Distance from Property: 1.15 mi. SE**

STATE ID:	**65-14-756**
OWNER'S NAME:	**HOUSTON PACKING CO. WELL #3**
DATE DRILLED:	**00/00/1930**
DEPTH DRILLED:	**619'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.335538000**
LATITUDE:	**29.757470000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514756/6514756.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514756 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294529 **Longitude** 952012 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Houston Packing Co.
Well #3

Driller
Layne Texas Co.

Address _____ **Tenant/Oper.** _____

Date Drilled / /1930 **Depth** 619 **Source of Depth** **Altitude** 40 **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 -** 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
1941
-102

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

Reporting Agency 01

REMARKS -
TWDB R178: 101 ft. of screen
between 235 and 611 ft.
Yield: 200 gpm with 22 ft.
drawdown on 7/13/41

Aquifer - 112CHCTL **ID -** 15
CHICOT
AQUIFER,LOWER

Tuesday, August 30, 2005

Well Number - 6514756

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 51 **Distance from Property: 1.15 mi. SE**

STATE ID:	**65-14-755**
OWNER'S NAME:	**HOUSTON PACKING CO**
DATE DRILLED:	**00/00/1907**
DEPTH DRILLED:	**1616'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.335540000**
LATITUDE:	**29.757470000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514755/6514755.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514755 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294526 **Longitude** 952011 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
Houston Packing co

Driller
G.C. Warniecke

Address _____ **Tenant/Oper.** _____

Date Drilled / /1907 **Depth** 1616 **Source of Depth** **Altitude** 40 **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 -** M **Quality -** Y **Logs -** **Other Data -**

WATER LEVELS
1 measurement
1938
-40

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
Screen from 1536 to 1616 ft.
Reported yield 258 gpm with 60 ft
drawdown Feb.1938. Well 1.

Aquifer - 121EVGL **ID -** 15
EVANGELINE
AQUIFER

Tuesday, August 30, 2005 **Well Number -** 6514755

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 51 **Distance from Property: 1.15 mi. SE**

STATE ID:	**65-14-758**
OWNER'S NAME:	**HOUSTON PACKING CO. WELL #4**
DATE DRILLED:	**00/00/1936**
DEPTH DRILLED:	**424'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.335540000**
LATITUDE:	**29.757470000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514758/6514758.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514758 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294530 **Longitude** 952005 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Houston Packing Co.
Well #4

Driller
Layne Texas Co.

Address _____ **Tenant/Oper.** _____

Date Drilled / /1936 **Depth** 424 **Source of Depth** **Altitude** 40 **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 -** 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
1936
-71

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

Reporting Agency 01

REMARKS -
TWDB R178: 68 ft. of screen
between 339 and 420 ft.
Yield: 500 gpm with 43 ft.
drawdown when drilled.

Aquifer - 112CHCTL **ID -** 15
CHICOT
AQUIFER,LOWER

Tuesday, August 30, 2005

Well Number - 6514758

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 52 **Distance from Property: 1.18 mi. WSW**

STATE ID:	**65-14-719**
OWNER'S NAME:	**OIL & GAS BUILDING**
DATE DRILLED:	**00/00/1939**
DEPTH DRILLED:	**986'**
WATER USAGE:	**OTHER**
LONGITUDE:	**-95.367360000**
LATITUDE:	**29.757880000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514719/6514719.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514719 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294527 **Longitude** 952202 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Oil & Gas Building

Driller
Texas Water Supply Corp.

Address _____ **Tenant/Oper.** _____

Date Drilled / /1939 **Depth** 986 **Source of Depth** **Altitude** 52 **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 -** 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 -** **Other Data -**

WATER LEVELS 1 measurement
1939
-94

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

Reporting Agency 01

REMARKS -
TWDB R178: Screen from 903 to 966 ft.
Yield: 200 gpm when drilled.

Aquifer - 121EVGL **ID -** 15
EVANGELINE AQUIFER

Well Number - 6514719

Wednesday, December 28, 2005

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 52 **Distance from Property: 1.18 mi. WSW**

WELL ID:	**4590**
OWNERS NAME:	**KINDER MORGAN**
YEAR DRILLED:	**1962**
DEPTH DRILLED:	**1372'**
STATIC LEVEL:	**480'**
WATER USAGE:	**DOMESTIC/COMMERCIAL**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.367367000**
LATITUDE:	**29.757891000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 53 **Distance from Property: 1.19 mi. SSE**

ID NUMBER:	**TX205558**
STATE ID :	**65-22-5F**
OWNER NAME:	**KENT WONG**
DATE DRILLED:	**10/19/1981**
DEPTH DRILLED:	**262'**
STATIC LEVEL:	**145'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.342613000**
LATITUDE:	**29.751904000**

2 PAGE(S) OF DRILLERS' LOGS

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. 65-22-5F; Located on map YOS; Received: C-K-S.

1) OWNER Kent Wong (Name) Address 1201 Dallas (Street or RFD) Houston (City) Tx (State) (Zip)

2) LOCATION OF WELL: County Harris 15 miles in South (N.E., S.W., etc.) direction from Spring (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 10-19-81

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface 0	262

From (ft.)	To (ft.)	Description and color of formation material
0	35	Top soil, clay
35	56	Sand
56	130	Clay
130	153	Sand
153	188	Clay
188	207	Sand
207	223	Clay
223	262	Sand
262	286	Clay
286	296	Sand

(Use reverse side if necessary)

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 Mfr., if commercial	Setting (ft.) From	To	Gage Casing Screen
4	N	PVC Well casing	0	252	
2 1/2	N	Slotted screen	252	262	#12

CEMENTING DATA
Cemented from 0 ft. to 252 ft.
Method used Pressure Cement
Cemented by O. R. Billings (Company or Individual)

9) WATER LEVEL:
Static level 145 ft. below land surface Date 10-19-81
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth
4 x 2 1/2 K-Packers Rubber 250

11) TYPE PUMP: ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other NO PUMP
Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) WELL TESTS: NONE
☐ 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 O. R. Billings (Type or Print) Water Well Drillers Registration No. 1929

ADDRESS 25330 Richard Rd. (Street or RFD) Spring (City) Texas (State) 77373 (Zip)

(Signed) O. R. Billings (Water Well Driller) All Weather Water Well, 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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Map #1
HOUSTON
HARRIS COUNTY
TEXAS

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 54 **Distance from Property: 1.23 mi. SE**

STATE ID:	**65-14-705**
OWNER'S NAME:	**TRINITY PORTLAND CEMENT CO.**
DATE DRILLED:	**00/00/1951**
DEPTH DRILLED:	**612'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.334910000**
LATITUDE:	**29.756410000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514705/6514705.pdf**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 54 **Distance from Property: 1.23 mi. SE**

WELL ID:	**1576**
OWNERS NAME:	**GENERAL PORTLAND, INC.**
YEAR DRILLED:	**1951**
DEPTH DRILLED:	**612'**
STATIC LEVEL:	**500'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.334909000**
LATITUDE:	**29.756410000**
SOURCE:	**HGSD**

MAP ID# 55 **Distance from Property: 1.27 mi. E**

STATE ID:	**65-14-823**
OWNER'S NAME:	**NATIONAL VINEGAR CO.**
DATE DRILLED:	**00/00/1987**
DEPTH DRILLED:	**506'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.329422000**
LATITUDE:	**29.768838000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514823/6514823.pdf**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 55 **Distance from Property: 1.27 mi. E**

ID NUMBER:	**TX205301**
STATE ID :	**65-14-8**
OWNER NAME:	**NATIONAL VINEGAR CO**
DATE DRILLED:	**04/14/1987**
DEPTH DRILLED:	**506'**
STATIC LEVEL:	**252'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.329422000**
LATITUDE:	**29.768838000**

2 PAGE(S) OF DRILLERS' LOGS

Water Well ID: 205301

23. Km494K Amy (281)

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 National Vinegar Co. (Name) Address 4115 Gillespie, (Street or RFD) Houston, Tx. (City) 77020 (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. ON 65 -06-7

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 4-6- 19 87 Completed 4-14 19 87

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8 3/4	Surface	460
4 3/4	460	506

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	6	Top Soil
6	22	yellow & Gray clay
22	26	sand
26	40	red & Yellow clay
40	98	red & Gray clay
98	110	sand 12 ga.
110	235	Red & Gray clay
235	255	Sand 12 ga.
255	315	Red Gray & Yellow clay
315	370	sand 10 ga.
370	388	Clay
388	412	sand 14 ga.
412	418	clay
418	438	sand 10 ga.
438	460	clay gray
460	478	sand 12 ga.
478	483	clay
483	506	sand 14 ga.

RECEIVED SEP 2 1987 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 Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5"	N	Steel	+18"	460	40
3"	N	PVC Liner	450	468	40
3"	N	PVC Screen 12 ga.	468	478	80
3"	N	PVC Liner	478	486	40
3"	N	PVC Screen 14 ga.	486	506	80

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 460 ft. to 0 ft. No. of Sacks Used 76
ft. to ft. No. of Sacks Used
Method used Pressure
Cemented by Raymond Water Wells

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 252 ft. below land surface Date 4-6-87
Artesian flow gpm. Date

12) PACKERS: Type Depth

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., 357 ft.

14) WELL TESTS:
Type Test: ☒ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 76 gpm with 26 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

I hereby certify that this well was drilled by 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 Raymond Water Wells (Type or Print) Water Well Driller's License No. 774

ADDRESS 10011 Airline Drive (Street or RFD) Houston, Texas 77037 (City) (State) (Zip)

(Signed) (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. 65-14-8 Located on map

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

CWG

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 55 **Distance from Property: 1.27 mi. E**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294609095194601**
STATION NAME: **LJ-65-14-823**
SITE TYPE: **GW**
LATITUDE: **29.768838000** LONGITUDE: **-95.329422000**
DATE DRILLED: **04/06/1987**
WELL DEPTH: **506 feet**
HOLE DEPTH: **506 feet**
LOCAL AQUIFER: **CHICOT AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 55 **Distance from Property: 1.27 mi. E**

WELL ID:	**4117**
OWNERS NAME:	**NATIONAL VINEGAR COMPANY**
YEAR DRILLED:	**1990**
DEPTH DRILLED:	**350'**
STATIC LEVEL:	**300'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.329422000**
LATITUDE:	**29.768838000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 56 **Distance from Property: 1.31 mi. ENE**

ID NUMBER:	**TX205298**
STATE ID :	**65-14-8F**
OWNER NAME:	**DR. CARROLL**
DATE DRILLED:	**08/28/1984**
DEPTH DRILLED:	**223'**
STATIC LEVEL:	**165'**
WATER USAGE:	**RETURN WELL**
LONGITUDE:	**-95.330597000**
LATITUDE:	**29.776223000**

2 PAGE(S) OF DRILLERS' LOGS

Water Well ID: 205298

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 Dr. Carroll (Name) Address 4402 S 8th (Street or RFD) Houston (City) Texas (State) 77001 (Zip)

2) LOCATION OF WELL: County Harris Downtown 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 ____

☒ See attached map. Map no 65-14-8E

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

4) PROPOSED USE (Check): ☐ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☑ Other Returnwell

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.)
6½	Surface	223

Date drilled 8/28/84

From (ft.)	To (ft.)	Description and color of formation material
0	2	Surface
2	28	yellow clay
28	39	calchic + Sandstone
39	66	Sand
66	74	Sandstone + clay St.
74	140	Red clay
140	188	Sticky clay
188	220	Choppy Sandstone + Sand
220	223	clay

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other Screen + plug

If Gravel Packed give interval . . . from 193 ft. to 123 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	193	
4	N	PVC screen	193	223	020
4	N	PVC cap	B.O.H.		

CEMENTING DATA
Cemented from +1 ft. to 15 ft.
Method used ____
Cemented by GWC. (Company or Individual)

9) WATER LEVEL:
Static level 165 ft. below land surface Date 8/28/84
Artesian flow ____ gpm. Date ____

10) PACKERS: Type: formation Depth: 15'
" 193'

11) TYPE PUMP: Return well
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other ____
Depth to pump bowls, cylinder, jet, etc., ____ ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 15 gpm with 200 ft. drawdown after ____ hrs.

RECEIVED
JAN - 8 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.

COMPANY NAME Chandler Drilling, Inc. (Type or Print) Water Well Driller's License No. 1673

ADDRESS Rt. 4, Box 13 (Street or RFD) Yoakum (City) Texas (State) 77995 (Zip)

(Signed) Harry W. Chandler (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. 65-14-8E
Located on map Yes D&F

DWR-0392 (Rev. 5-27-82) DEPARTMENT OF WATER RESOURCES COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 56 **Distance from Property: 1.30 mi. ENE**

ID NUMBER:	**TX205300**
STATE ID :	**65-14-8E**
OWNER NAME:	**DR. CARROLL**
DATE DRILLED:	**08/29/1984**
DEPTH DRILLED:	**223'**
STATIC LEVEL:	**165'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.330817000**
LATITUDE:	**29.776223000**

2 PAGE(S) OF DRILLERS' LOGS

Water Well ID: 205300

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 Dr. Carroll (Name) Address Lyons St. (Street or RFD) Houston (City) Tx. (State) 77001 (Zip)

2) LOCATION OF WELL: County Harris Downtown (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 8/29/84

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6¼	Surface 0	223

From (ft.)	To (ft.)	Description and color of formation material
0	2	Surface
2	28	Clay
28	39	caliche + clay
39	66	Sand
66	74	Sandstone + clay St.
74	120	Red clay
120	142	Stiff y/clay
142	223	Chalky Limestone

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☑ Gravel Packed ☐ Other Screen + plug
If Gravel Packed give interval . . . from 15 ft. to 223 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	193	
4	N	PVC screen	193	223	020
4	N	PVC cap	193.0.H.		

CEMENTING DATA
Cemented from +1 ft. to 15 ft.
Method used _____
Cemented by GWC. (Company or Individual)

9) WATER LEVEL:
Static level 165 ft. below land surface Date 8/29/84
Artesian flow _____ gpm. Date _____

10) PACKERS: Type None Depth

RECEIVED
JAN - 8 1985
DEPT. OF WATER RESOURCES

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: 15 gpm with 200 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

(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 Chandler Drilling, Inc. (Type or Print) Water Well Driller's License No. 1673

ADDRESS Rt. 4, Box 13 (Street or RFD) Yoakum (City) Texas (State) 77995 (Zip)

(Signed) Harry W. Chandler (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 BE
Located on map Yoa DSF

TDWR-0392 (Rev. 5-27-82) DEPARTMENT OF WATER RESOURCES COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 56 **Distance from Property: 1.31 mi. ENE**

ID NUMBER:	**TX205258**
STATE ID :	**65-14-7**
OWNER NAME:	**DR. CARROLL**
DATE DRILLED:	**12/06/1984**
DEPTH DRILLED:	**530'**
STATIC LEVEL:	**198'**
WATER USAGE:	**GROUND WATER HEAT PUMP**
LONGITUDE:	**-95.330597000**
LATITUDE:	**29.776223000**

1 PAGE(S) OF DRILLERS' LOGS

1.3 m. SW
1.0 m. E W

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 Dr. Carroll (Name) Address 3921 Lyons Ave. (Street or RFD) Houston, Tx. (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 2 miles in NE (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 65-05-9

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

4) PROPOSED USE (Check):
☐ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☒ Other Ground Water Heat Pump

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

6) WELL LOG:
Date drilled 12/6/84

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6-3/4	Surface	530

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	65	Sand
65	140	Shale
140	190	Clay
190	230	Sand
230	300	Clay & Shale
300	320	Sand
320	350	Clay
350	410	Sand
410	460	Clay
460	530	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 Casing	0	483	Sch.
2½"	N	PVC Blank Liner	475	490	40
2½"	N	PVC Screen	490	530	.012

CEMENTING DATA
Cemented from 483 ft. to 0 ft.
Method used Halliburton
Cemented by Robinson Water Well (Company or Individual)

9) WATER LEVEL:
Static level 198 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

10) PACKERS: Type K Depth 475

MAY 0 7 87

11) TYPE PUMP: 3HP 17-stage Jacuzzi
☐ 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? 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.

I hereby certify that this well was drilled by 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 (Type or Print) Water Well Driller's License No. XXXXXXXXXX 1464

ADDRESS 11607 FM 149 (Street or RFD) Houston, (City) Tx. (State) 77086 (Zip)

(Signed) M E Robinson (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. 65-14-7
Located on map _____

TDWR-0392 (Rev. 5-27-82) DEPARTMENT OF WATER RESOURCES COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 57 **Distance from Property: 1.32 mi. SW**

STATE ID:	**65-14-717**
OWNER'S NAME:	**MAIN BUILDING CORP.**
DATE DRILLED:	**00/00/1938**
DEPTH DRILLED:	**932'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.366530000**
LATITUDE:	**29.754080000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514717/6514717.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514717 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294513 **Longitude** 952159 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Main Building Corp.

Driller
Layne Texas Co.

Address _____ **Tenant/Oper.** _____

Date Drilled / /1938 **Depth** 932 **Source of Depth** **Altitude** 49 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION

Const-Method

Completion

Casing Material

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
1938
-93

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

Reporting Agency 01

REMARKS -
TWDB R178: 60 ft. of screen
between 767 and 920 ft.
Yield: 257 gpm with 23 ft.
drawdown when drilled.

Aquifer - 121EVGL **ID -** 15
EVANGELINE
AQUIFER

Wednesday, December 28, 2005 **Well Number -** 6514717

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 58 **Distance from Property: 1.33 mi. WSW**

STATE ID:	**65-14-763**
OWNER'S NAME:	**MEMORIAL BAPTIST HOSPITAL**
DATE DRILLED:	**00/00/1963**
DEPTH DRILLED:	**1500'**
WATER USAGE:	**OTHER**
LONGITUDE:	**-95.369460000**
LATITUDE:	**29.756890000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514763/6514763.pdf**

TEXAS DEPARTMENT OF WATER RESOURCES

WELL SCHEDULE

Aquifer(s) Evangeline Project No. State Well No. 65-14-763

Field No./Owner's Well No. County Harris

1. Location: ¼, ¼, Section, Block, Survey, Lat., Long.

2. Owner: Memorial Baptist Hospital Address:

Tenant (other): Address:

Driller: Layne Texas Address:

3. Land Surface Elevation: 52 ft. above msl determined by

4. Drilled: 19 63 ; Dug, Cable Tool, Rotary, Air,

5. Depth: Rept. 1500 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 5/63 Length of Test Made by LT

Static Level 284 ft. Pumping Level ft. Drawdown 39 ft.

Production 713 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. ___-___-___

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

FORM NO. 28 ..6.5-14-[redacted] map 102(2) [redacted]

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

REPORT NO. 6377-63
S. O. 2404-63
PAGE 1 OF 2
FILE NO. 2768
DATE 5/10/63

WELL LOG

CUSTOMER LOCATION

FOR MEMORIAL BAPTIST HOSPITAL

LOCATION WELL 602 DALLAS, HOUSTON

SURVEY FIELD

COUNTY HARRIS STATE TEXAS

OTHER LAND MARKS

WELL DATA

NAME WELL WELL NO. 1

ELEVATION DATUM

RT C GR

TEST HOLE SIZE 9-7/8" & 7-7/8" TD 1500'

DATE STARTED DRILLING 5-6-63

DATE FINISHED DRILLING 5-9-63

DRILLER GUY PATTON RIG NO. 247

TYPE MUD JEL NO. SACKS 30

ELECTRIC LOG YES TYPE WIDCO

SURVEY EASTMAN TYPE SINGLE-SHOT

OTHER DRILLER: F. R. WALL

SK

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
0		SURFACE			
91	91				
237	146	RED SANDY CLAY			
245	8	SAND			
299	54	BLUE CLAY & SANDY CLAY			
328	29	WHITE FINE SAND			
332	8	GRAY SHALE			
360	28	BROWN SAND & SANDY SHALE			
385	25	SANDY SHALE & SHALE BREAKS			
438	53	SAND & SHALE BREAKS			
472	34	SHALE & SAND STREAKS			
512	40	SAND-CUT GOOD			
520	8	SHALE			
552	32	SAND-CUT GOOD			
563	11	SANDY SHALE			
598	35	SAND-CUT GOOD, STRKS. OF LIME			
612	14	SHALE			
629	17	SANDY SHALE			
650	21	SHALE			
678	28	SAND & HARD STREAKS			
736	58	SHALE			
751	15	SAND-CUT GOOD			
768	17	SANDY SHALE & SAND STREAKS			
788	20	SAND & SHALE BREAKS			
798	10	SANDY SHALE			
810	12	SAND			
844	34	SHALE & STREAKS OF SAND			
880	36	SAND & SANDY SHALE			
892	12	SANDY SHALE			
1011	119	SAND & SHALE BREAKS			
1028	17	SHALE			
1032	4	SAND			
1082	50	SHALE & SANDY SHALE			
1106	24	SAND			
1122	16	SHALE			
1139	17	SANDY SHALE & SAND STREAKS			

(5-14-76)

65-14-763

FORM NO. 25

LAYNE TEXAS COMPANY
HOUSTON -:- DALLAS

WELL LOG

REPORT NO. 6377-63
S O 2404-63
PAGE 2 OF 2
FILE NO. 2768
DATE 5/10/63

CUSTOMER LOCATION

FOR MEMORIAL BAPTIST HOSPITAL

LOCATION WELL 602 DALLAS, HOUSTON

SURVEY FIELD

COUNTY HARRIS STATE TEXAS

OTHER LAND MARKS

WELL DATA

NAME WELL WELL NO 1
ELEVATION DATUM
RT GR
TEST HOLE SIZE 9-7/8" TO 7-7/8" TD 1500'
DATE STARTED DRILLING 5-6-63
DATE FINISHED DRILLING 5-9-63
DRILLER GUY PATTON RIG NO 247
TYPE MUD JEL NO SACKS 30
ELECTRIC LOG YES TYPE WIDCO
SURVEY EASTMAN TYPE SINGLE SHOT
OTHER DRILLER: F. R. WALL

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
1139					
1193	54	SHALE			
1210	17	SAND, SHALE & SAND STREAKS			
1244	34	SAND, SHALE & SAND STREAKS			
1294	50	SHALE			
1315	21	SAND			
1321	6	SHALE			
1350	29	SAND & SHALE LAYERS			
1380	30	SAND & SHALE LAYERS			
1399	19	SHALE			
1476	77	SAND & SHALE BREAKS			
1500	24	SHALE			

TOTAL DEPTH 1500 FT.

Attach:
4 Pages
WW# 65-12-7A

65-14-763

FORM NO. 1202

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

65-14-7a

MATERIAL SETTING

REPORT NO. 6378
S.O. 2404-63
PAGE 1 OF 1
FILE NO. 2768
DATE 5/31/63

CUSTOMER LOCATION

FOR MEMORIAL BAPTIST HOSPITAL

LOCATION WELL 602 DALLAS AVENUE, HOUSTON

SURVEY FIELD

COUNTY HARRIS STATE TEXAS

OTHER LAND MARKS

WELL DATA

NAME WELL WELL NO. 1

ELEVATION DATUM

TYPE WELL GRAVEL-WALL

SURFACE CASING CEMENTED YES NO. SACKS 500+8% GEL

SIZE HOLE UNDERREAMED 30" DEPTH 1500'

GRAVEL TYPE 112, 13, 165 NO. CU. YDS. 72

TYPE SCREEN SS WW RIB CHANNEL GAGE .045" GA.

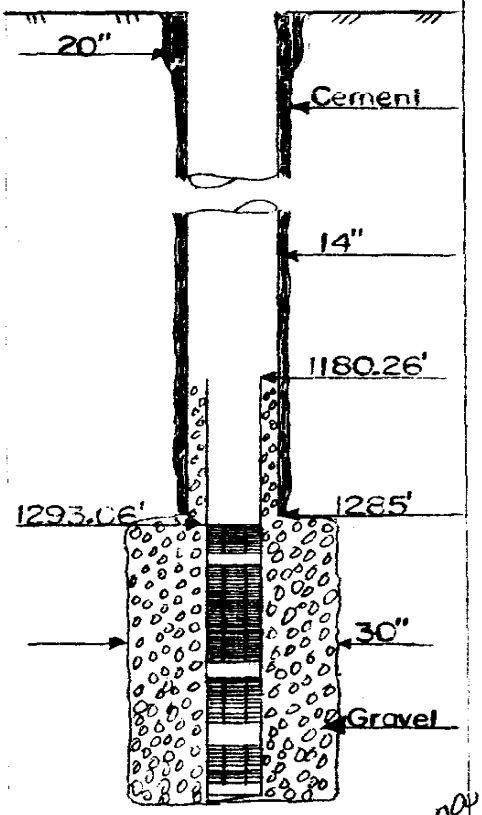
DRILLER GUY PATTON RIG NO. 247

OTHER F. R. WALL

DEPTH	LENGTH	SIZE. KIND. WEIGHT MATERIAL
0		SIDEWALK LEVEL
1180.26'		TOP OF 8-5/8" O.D. LINER
80'		20" O.D. CONDUCTOR PIPE
1285'	1285'	14" O.D. SURFACE CASING
1293.06'	112.28'	8-5/8" O.D. BLANK LINER
1313.60'	20.54'	8-5/8" O.D. S.S. W.W. RIB CHANNEL SCREEN .045" GA.
1323.33'	9.73'	8-5/8" O.D. BLANK PIPE
1389.07'	65.74'	8-5/8" O.D. S.S. W.W. RIB CHANNEL SCREEN .045" GA.
1403.80'	14.73'	8-5/8" O.D. BLANK PIPE
1439.70'	35.90'	8-5/8" O.D. S.S. W.W. RIB CHANNEL SCREEN .045" GA.
1454.72'	15.02'	8-5/8" O.D. BLANK PIPE
1479.83'	25.11'	8-5/8" O.D. S.S. W.W. RIB CHANNEL SCREEN .045" GA.
1497.73'	17.90'	8-5/8" O.D. BLANK PIPE
1500.00'	2.27'	8-5/8" O.D. P.P. SET NIPPLE, WOOD WASH PLUG AND B.P. VALVE

TOTAL DEPTH 1500 FEET

SKETCH



65-14-763 65-14-7a

LAYNE TEXAS COMPANY

65-14-7a HOUSTON -:- DALLAS

WATER WELL TEST

REPORT NO 6379
S O 2404-63
PAGE 1 OF 1
FILE NO 2768
DATE 5/31/63

CUSTOMER LOCATION

TEST FOR: MEMORIAL BAPTIST HOSPITAL
LOCATION OF WELL: 602 DALLAS AVENUE, HOUSTON
OWNER: FIELD:
COUNTY: HARRIS STATE: TEXAS
DESCRIPTION OF LAND MARKS:

WELL DATA

NAME WELL: SAME WELL NO: 1
ELEVATION: DATUM:
WELL SIZE: 20"x14" x 8-5/8" x 30" U.R.
TOTAL DEPTH: 1500' TOP SCREEN: 1293.06'
GRAVEL WELL: YES STRAIGHT WELL:
TYPE SCREEN: SS WW RIB CHANNEL SLOT SIZE: .045"
TEMPERATURE OF WATER:
WATER CONDITION:

WATER MEASURING DEVICE

ORIFICE SIZE: 10"x7" LENGTH: 10'
OTHER:

TEST PUMP DATA

DEPTH SETTING TOP OF BOWL: 360'
LENGTH AIR LINE: 354' SIZE: 1/4"
NO. BOWLS: 12" WMC NO. STAGES: 10
LENGTH BOWL: SETTING LT:

SAND CONTENT: 0 OZ PER 100 GAL
WATER SAMPLE TAKEN: NO. SAMPLES:
BACTERIOLOGICAL SAMPLE TAKEN:
DRAWDOWN: SPECIFIC CAPACITY:

ACTIVE STATIC HEAD AFTER PUMP STOPPED

5 MIN	287 FT	20 MIN	285 FT
10 MIN	286 FT	25 MIN	284 FT
15 MIN	285 FT	30 MIN	284 FT

S.L. BEFORE START 282 FT.

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH PRESS	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
5/28/63 - 7:00 A.M.		STARTED TEST ON			713			
7:30AM	33	319		12	728			
8:00	33	319		12	728			T. SAND
8:30	32	320		11 1/2	713			
9:00	32	320		11 1/2	713			
9:30	32	320		11 1/2	713			
10:00	31	321		11 1/2	713			
10:30	31	321		11 1/2	713			
11:00	31	321		11 1/2	713			
11:30	31	321		11 1/2	713			
12:00 N	31	321		11 1/2	713			
12:30 PM	30	322		11 1/2	713			
1:00	30	322		11 1/2	713			
1:30	30	322		11 1/2	713			
2:00	29	323		11 1/2	713			
2:30	29	323		11 1/2	713			
3:00	29	323		11 1/2	713			
3:30	29	323		11 1/2	713			
4:00	29	323		11 1/2	713			
4:30	29	323		11 1/2	713			
5:00	29	323		11 1/2	713			
5:30	29	323		11 1/2	713			
6:00	29	323		11 1/2	713			
6:30	29	323		11 1/2	713			
7:00	29	323		11 1/2	713			

OBSERVERS

FOR OWNER

GUY PATTON - F. R. WALL
FOR LAYNE TEXAS CO.

65-14-7a 703

FORM NO. 2

MICROBIOLOGY SERVICE LABORATORIES

65-14-7a

RI 7-7271
~~RI 7-7170~~

analytical chemists . . . microbiologists

4 June 1963

[redacted]
Houston 21, Texas
4820 Old Spanish Trail

To: Layne Texas Company
Houston 11, Texas

SO 8404-63

Sample marked: Well No. 1, Memorial Baptist Hospital, Houston, Harris Cty, Texas.
Taken: 5-[illegible]-63 after 12 Hrs. pumping at 713 gpm with Test Pump. Static Head: 330'.
Pumping Level: 535'. Screened: 1395 - 1507'.

Received: 5-31-63.

WATER ANALYSIS

results in parts per million (mg/l) except as noted

Dissolved Residue at 105°C		555	Conductance, micromhos/cm, 25°C		650
Total Dissolved Solids, actual†		569	Color, units		< 5
Total Dissolved Solids, calc.		543	Turbidity, units		0
Silica	SiO_2	15	As Calcium Carbonate, $CaCO_3$:		
Iron and Aluminum Oxides	R_2O_3	1	Phenolhpthalein Alkalinity		0
Calcium	Ca	13	Total Alkalinity		360
Magnesium	Mg	4	Total Hardness		48
Sodium (diff.) Na+K as	Na	136	Free Carbon Dioxide	CO_2	5
Carbonate	CO_3	0	pH . . . 8.0		
Bicarbonate	HCO_3	317	HYPOTHETICAL COMBINATIONS		
Sulfate	SO_4	0	Calcium Bicarbonate		53
Chloride	Cl	59	Magnesium Bicarbonate		33
Total Iron	Fe	0.13	Sodium Bicarbonate		356
			Sodium Chloride		97
			$SiO_2+R_2O_3$		16
			Total Dissolved Solids, calc.		543

† Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO_3) ion

Microbiology Service Laboratories

By: Edna Wood

3000

65-14-7a
703

Texas Water Development Board
Well Schedule

State Well Number 6514763 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294526 **Longitude** 952207 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Memorial Baptist Hospital

Driller
Layne Texas Co.

Address _____ **Tenant/Oper.** _____

Date Drilled / /1963 **Depth** 1500 **Source of Depth** **Altitude** 52 **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 -** **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 -** PUBLIC SUPPLY **Secondary -** **Tertiary -**

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

WATER LEVELS 1 measurement
1963
-284

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

Reporting Agency 01

REMARKS -
TWDB R178: 148 ft. of screen between 1,293 and 1,480 ft. Yield: 713 gpm with 39 ft. drawdown when drilled.

Aquifer - 121EVGL **ID -** 15
EVANGELINE AQUIFER

Well Number - 6514763

Wednesday, December 28, 2005

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 59 **Distance from Property: 1.34 mi. N**

ID NUMBER:	**TX205863**
STATE ID :	**65-14-1J**
OWNER NAME:	**SOUTHWESTERN PLATING CO**
DATE DRILLED:	**06/21/1977**
DEPTH DRILLED:	**462'**
STATIC LEVEL:	**272'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.354502000**
LATITUDE:	**29.787654000**

2 PAGE(S) OF DRILLERS' LOGS

65.19.13

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. 65-19-113
Located on map
Received: 7-8-77

1) OWNER:
Person having well drilled Southwestern Plating Co. (Name) Address 2918 Gano St. (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

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 X; Other

5) TYPE OF WELL (Check): Rotary X; Driven; Dug; Cable X; Jetted; Bored

6) WELL LOG:
Diameter of hole 6 3/4 in. Depth drilled 462 ft. Depth of completed well 462 ft. Date drilled 6-21-77
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	sand & clay
72	96	clay
96	120	clay & sand
120	144	clay & sand
144	168	clay & 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 462 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	439	sch 40

10) SCREEN:
Type rodbase
Perforated X ; Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2 ½"	447	462	#12

7) COMPLETION (Check):
Straight wall ; Gravel packed ; Other
Underreamed XX ; Open Hole

8) WATER LEVEL:
Static level 272 ft. below land surface Date 6-21-77
Artesian pressure ____ lbs. per square inch Date ____
Depth to pump bowls, cylinder, jet, etc., 356 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 1327 Aldine-Mail (Street or RFD) Houston (City) TX (State) 77039

(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.

WDBS-WO-8

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

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	sand & clay
288	312	clay
312	336	clay
336	360	clay
360	384	clay
384	408	clay sand rock
408	432	clay
432	456	sand
456	462	sand & clay

RECEIVED
JUL - 7 1978
Central Records
Texas Dept. of Water Resources

RECEIVED
MAR - 3 1978
DEPT. OF
WATER RESOURCES

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 60 **Distance from Property: 1.36 mi. NW**

STATE ID:	**65-14-709**
OWNER'S NAME:	**CRESCENT LAUNDRY**
DATE DRILLED:	**00/00/1936**
DEPTH DRILLED:	**235'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.365880000**
LATITUDE:	**29.783500000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514709/6514709.pdf**

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

Wednesday, January 25, 2006

Well Number - 6514709

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 61 **Distance from Property: 1.36 mi. S**

WELL ID:	**5748**
OWNERS NAME:	**HBS WAREHOUSE ASSOCIATES**
YEAR DRILLED:	**1996**
DEPTH DRILLED:	**500'**
STATIC LEVEL:	**500'**
WATER USAGE:	**OTHER**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.354998000**
LATITUDE:	**29.748211000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 62 **Distance from Property: 1.37 mi. WSW**

STATE ID:	**65-14-703**
OWNER'S NAME:	**PHENIX DAIRY WELL #2**
DATE DRILLED:	**00/00/1948**
DEPTH DRILLED:	**962'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.371140000**
LATITUDE:	**29.757950000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514703/6514703.pdf**

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

Wednesday, December 28, 2005 **Well Number -** 6514703

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 63 **Distance from Property: 1.38 mi. S**

WELL ID:	**5862**
OWNERS NAME:	**E.J. GROUP LLC**
YEAR DRILLED:	**1982**
DEPTH DRILLED:	**180'**
STATIC LEVEL:	**170'**
WATER USAGE:	**AGRICULTURAL IRRIGATION**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.354035000**
LATITUDE:	**29.747814000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 63 **Distance from Property: 1.38 mi. S**

ID NUMBER:	**TX199448**
STATE ID :	**65-14-7L**
OWNER NAME:	**CALCO OF HOUSTON INC**
DATE DRILLED:	**01/24/1983**
DEPTH DRILLED:	**350'**
STATIC LEVEL:	**350'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.354035000**
LATITUDE:	**29.747814000**

3 PAGE(S) OF DRILLERS' LOGS

65-14-7L

Send original copy certified mail to:
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 Calco of Houston Inc (Name) Address 24000 Wallis (Street or RFD) Houston (City) TX (State) 77003 (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 ____
X See attached map.

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 1-24-83

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
8	Surface 0	350

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	18	Top Soil & clay
18	24	Sand
24	30	Clay
30	53	Sand
53	134	Clay
134	137	Sand
137	187	Clay
187	206	Sand
206	215	Clay
215	263	Sand
263	286	Clay
286	297	Sand
297	320	Clay
320	350	Sand

#1

RECEIVED

WATER RESOURCES

(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	Gage Screen
5	N	PVC Casing	0	330		
2½	N	Plastic Screen	330	350		8

CEMENTING DATA
Cemented from 0 ft. to 330 ft.
Method used Pressure
Cemented by D.K. Billings (Company or Individual)

9) WATER LEVEL:
Static level 180 ft. below land surface Date 1-26-83
Artesian flow ____ gpm. Date ____

10) PACKERS: Type Depth
5X3 K Packer 328

11) TYPE PUMP:
☐ Turbine ☐ Jet X Submersible ☐ Cylinder
☐ Other ____
Depth to pump bowls, cylinder, jet, etc., 273 ft.

12) WELL TESTS: None
☐ 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 X No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? ☐ Yes X No

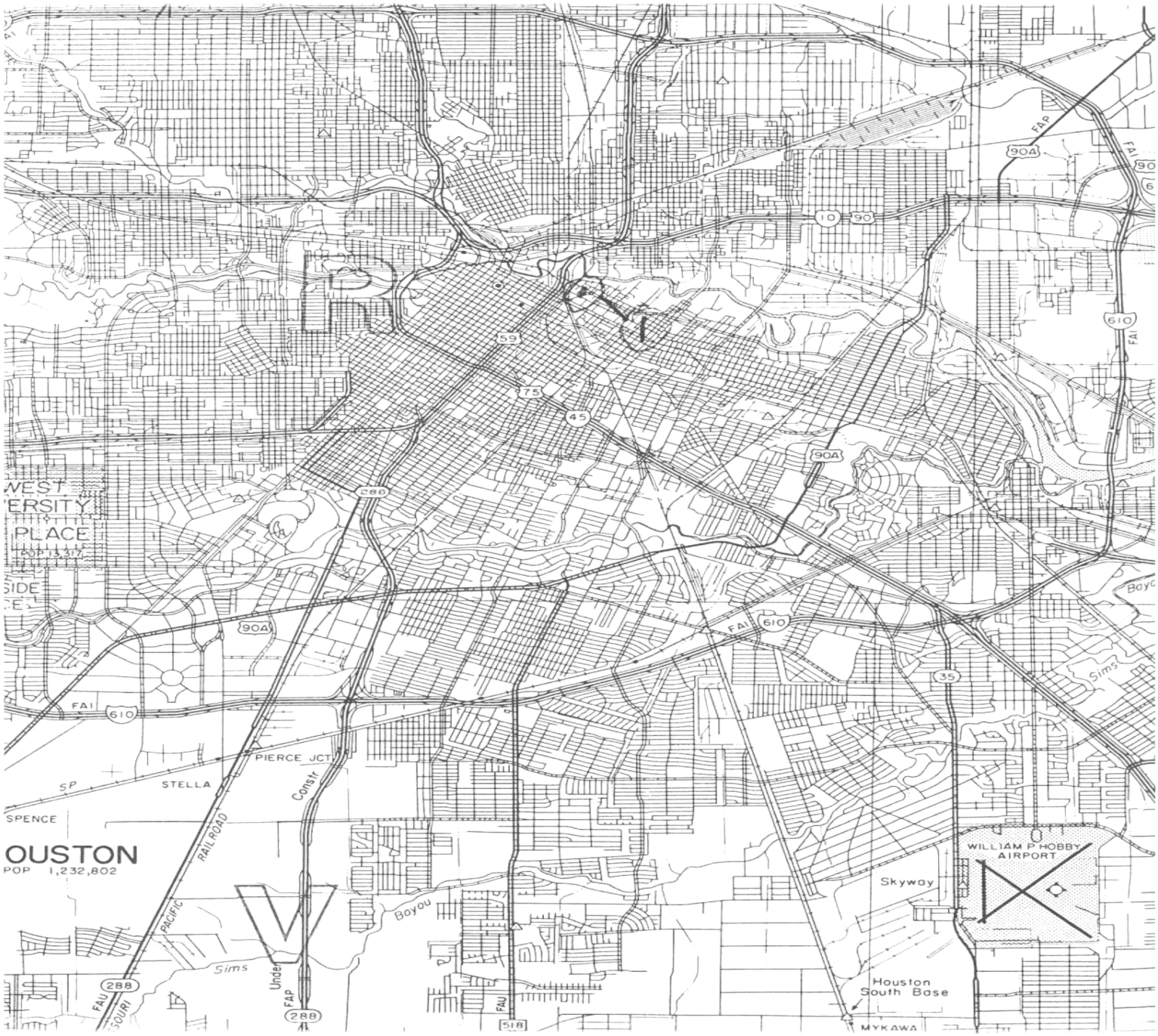
I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

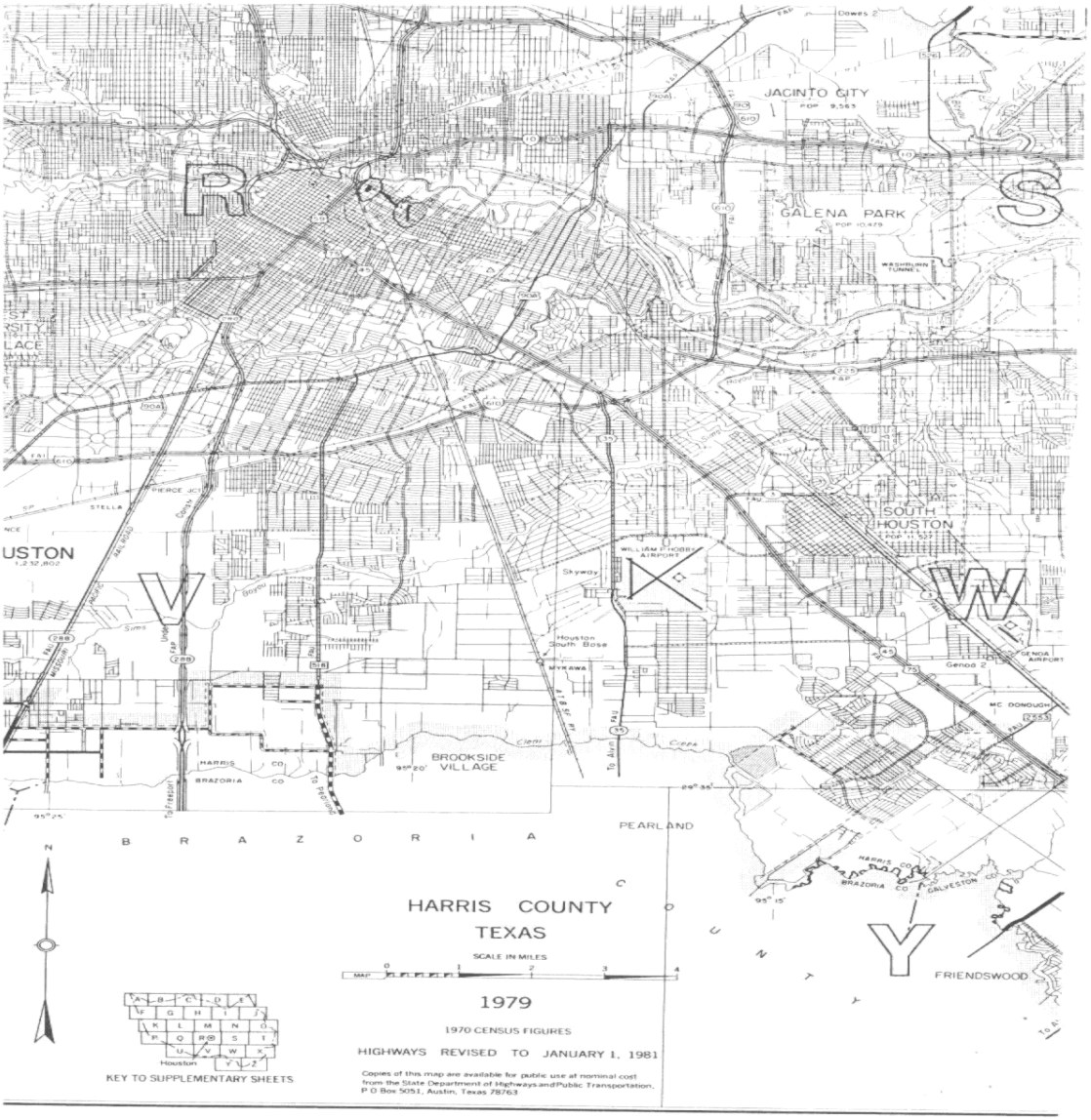
COMPANY NAME Allweather W.W Inc (Type or Print) Water Well Driller's License No. 1929
ADDRESS 25330 Richard Rd (Street or RFD) Spring (City) Tx (State) 77373 (Zip)
(Signed) D.K. Billings (Licensed Water Well Driller) (Signed) ____ (Registered Driller Trainee)

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

For TDWR use only:
Well No. 65-14-7L
Located on map YES C.F.S.

1392 (Rev. 5-27-82) DEPARTMENT OF WATER RESOURCES COPY


FAP
90A
10
90
610
FAI
59
45
288
PLACE
STELLA
PIERCE JCT
SP
SPENCE
OUSTON
POP 1,232,802
RAILROAD
PACIFIC
Const
Bayou
Sims
Under
FAP
FAU
518
WILLIAM P HOBBY AIRPORT
Skyway
Houston South Base
MYKAWA
35


JACINTO CITY
GALENA PARK
SOUTH HOUSTON
BROOKSIDE VILLAGE
PEARLAND
FRIENDSWOOD
HARRIS COUNTY
TEXAS
SCALE IN MILES
1979
1970 CENSUS FIGURES
HIGHWAYS REVISED TO JANUARY 1, 1981
KEY TO SUPPLEMENTARY SHEETS

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 63 **Distance from Property: 1.38 mi. S**

WELL ID:	**5861**
OWNERS NAME:	**E.J. GROUP LLC**
YEAR DRILLED:	**1980**
DEPTH DRILLED:	**200'**
STATIC LEVEL:	**150'**
WATER USAGE:	**AGRICULTURAL IRRIGATION**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.354035000**
LATITUDE:	**29.747814000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 64 **Distance from Property: 1.38 mi. W**

STATE ID:	**65-14-702**
OWNER'S NAME:	**SOUTHERN PACIFIC RAILROAD**
DATE DRILLED:	**00/00/1913**
DEPTH DRILLED:	**774'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.374137000**
LATITUDE:	**29.770426000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514702/6514702.pdf**

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

Completion

Casing Material

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

Friday, November 03, 2006

Well Number - 6514702

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 64 **Distance from Property: 1.38 mi. W**

STATE ID:	**65-14-764**
OWNER'S NAME:	**WILLBORG'S LAUNDRY**
DATE DRILLED:	**00/00/1932**
DEPTH DRILLED:	**958'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.374142000**
LATITUDE:	**29.770424000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514764/6514764.pdf**

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

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
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

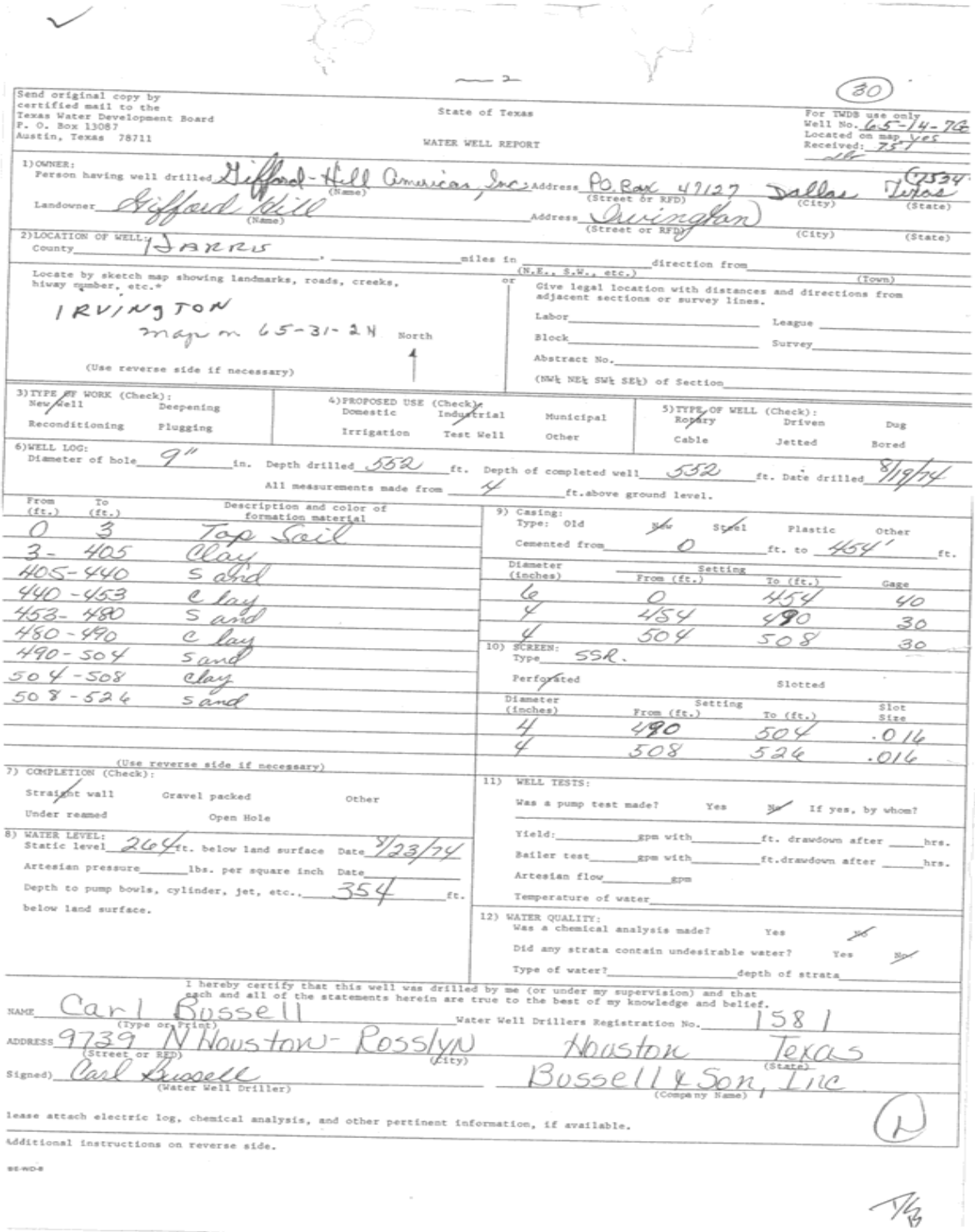
Friday, November 03, 2006

Well Number - 6514764

MAP ID# 65 **Distance from Property: 1.41 mi. SE**

ID NUMBER:	**TX205393**
STATE ID :	**65-14-7G**
OWNER NAME:	**GIFFORD HILL**
DATE DRILLED:	**08/19/1974**
DEPTH DRILLED:	**552'**
STATIC LEVEL:	**264'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.337079000**
LATITUDE:	**29.751057000**

1 PAGE(S) OF DRILLERS' LOGS



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

(30)

For TWDB use only
Well No. 65-14-76
Located on map yes
Received: 7-5-74

1) OWNER:
Person having well drilled Gifford-Hill American, Inc. Address P.O. Box 47127 Dallas Texas 75234
(Name) (Street or RFD) (City) (State)
Landowner Gifford Hill Address Irvington
(Name) (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.*
IRVINGTON
map m 65-31-2N
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 8/9/74
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	480	30
4	504	508	30

10) SCREEN:
Type SSR.
Perforated, Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
4	480	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 7/23/74
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.

SS-WD-8

(1)

MAP ID# 66 **Distance from Property: 1.46 mi. NW**

TRACK #: **44920**
DATE ENTERED: **2004-09-15**
OWNER NAME: **GEORGE & LORI RODRIGUEZ**
OWNER ADDRESS: **315 EMERY**
HOUSTON, TX 77009
COUNTY: **HARRIS**
LATITUDE: **29.784167000** LONGITUDE: **-95.367500000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=44920&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2004-07-20**
DRILLING DATE (COMPLETED): **2004-07-22**
DEPTH DRILLED: **450'**

WATER LEVEL:
STATIC LEVEL: **185'**
WATER LEVEL DATE: **2004-07-22**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **SCOTT DRILLING INC**
COMPANY ADDRESS: **11923 GREEN PINE CIRCLE**
HOUSTON, TX 77066

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 67 **Distance from Property: 1.54 mi. WSW**

STATE ID:	**65-13-933**
OWNER'S NAME:	**CITY OF HOUSTON CENTRAL**
DATE DRILLED:	**00/00/1935**
DEPTH DRILLED:	**2025'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.376048000**
LATITUDE:	**29.762450000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513933/6513933.pdf**

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 - _____

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

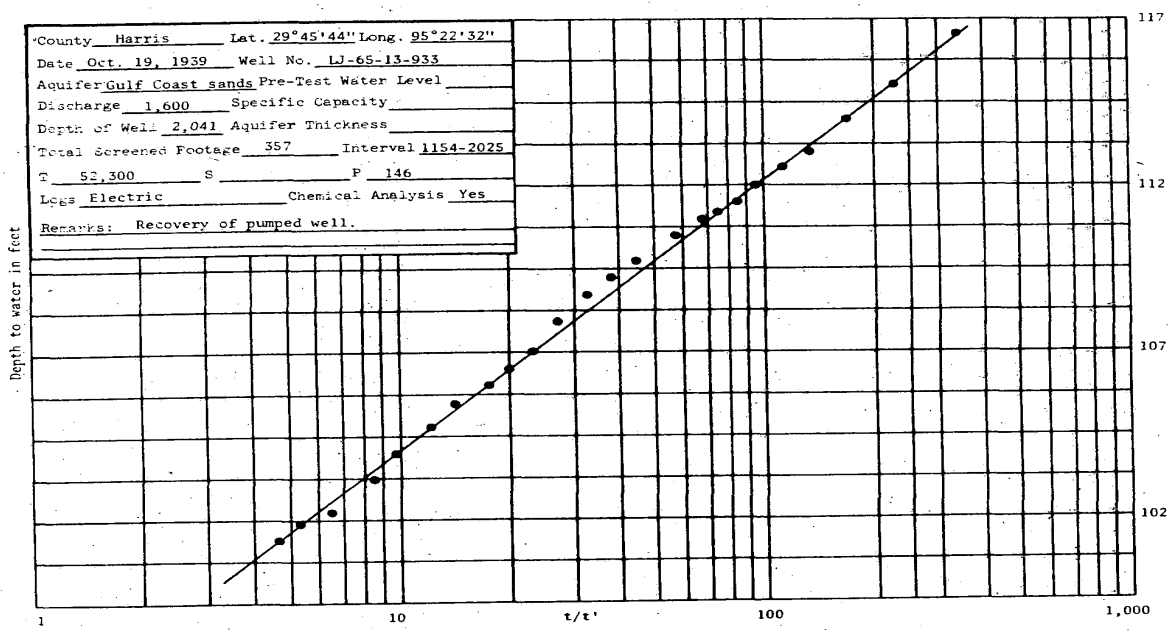
Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -
REMARKS -
357 ft of screen between 1154 and
2025 ft. Well destroyed. Well F-12.

| 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 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.
Depth to water in feet
117
112
107
102
1
10
t/t'
100
1,000

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 67 **Distance from Property: 1.54 mi. WSW**

STATE ID:	**65-13-924**
OWNER'S NAME:	**CITY OF HOUSTON CENTRAL**
DATE DRILLED:	**00/00/1927**
DEPTH DRILLED:	**1456'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.376048000**
LATITUDE:	**29.762450000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513924/6513924.pdf**

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 - _____

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

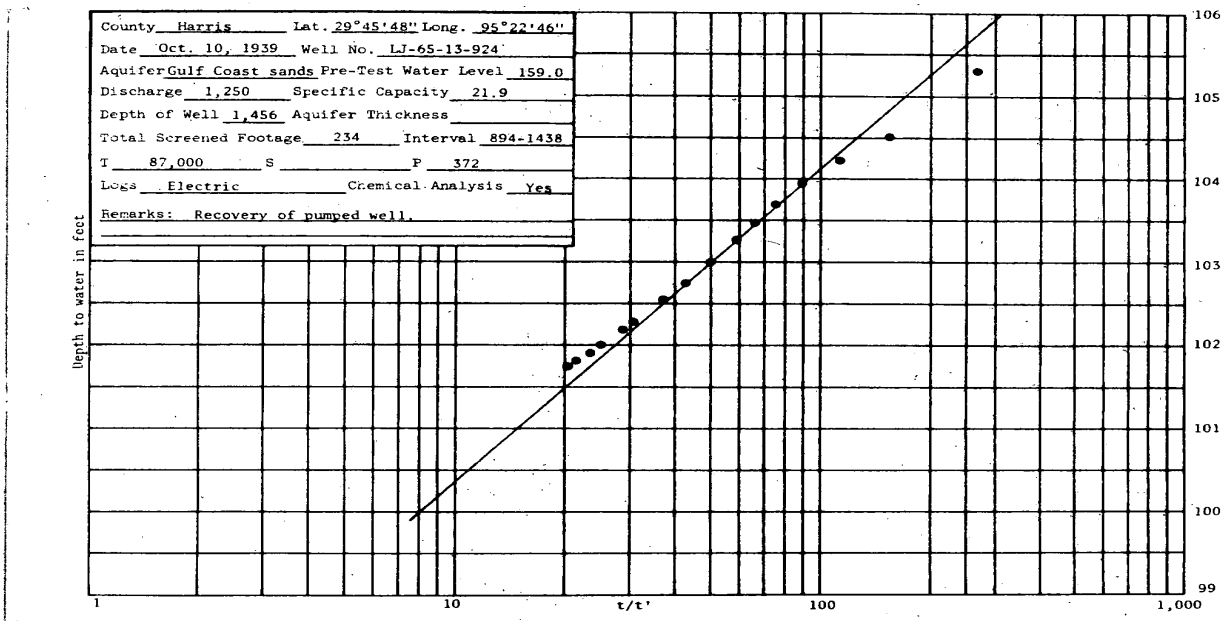
Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -
REMARKS -
234 ft of screen between 894 and
1438 ft. Reported yield 1800 gpm
Jan. 1942. Well F-5.

| 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 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.
Depth to water in feet
106
105
104
103
102
101
100
99
1
10
t/t'
100
1,000

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 67 **Distance from Property: 1.54 mi. WSW**

STATE ID:	**65-13-925**
OWNER'S NAME:	**CITY OF HOUSTON CENTRAL**
DATE DRILLED:	**00/00/1927**
DEPTH DRILLED:	**1540'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.376048000**
LATITUDE:	**29.762450000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513925/6513925.pdf**

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 - _____

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

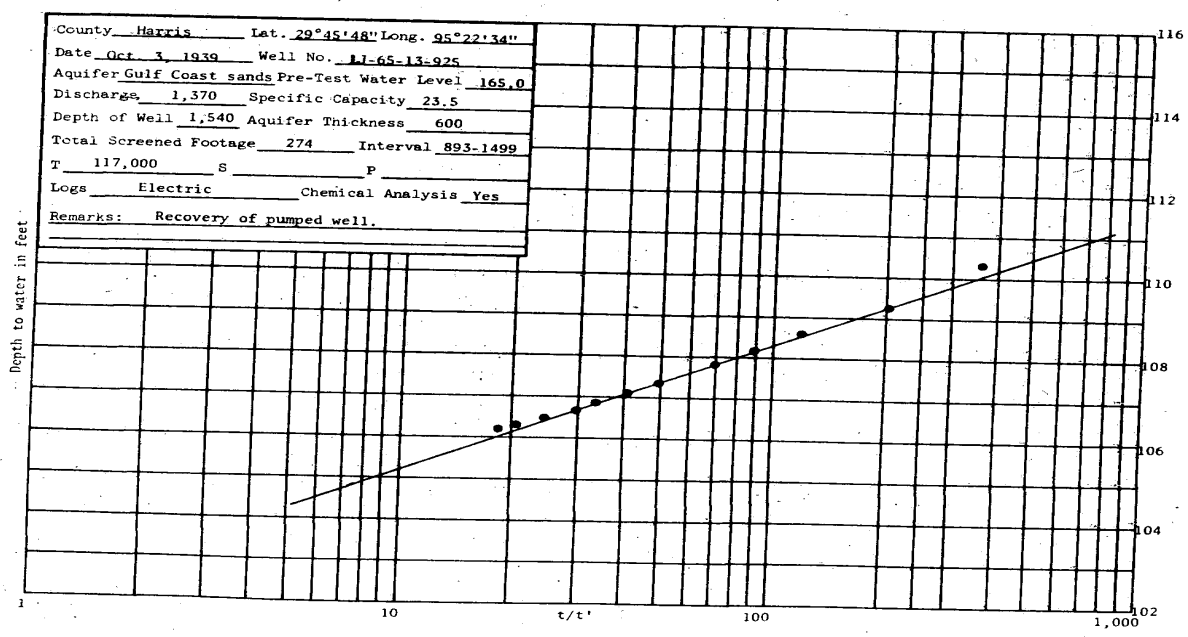
Recorded By _____ Date Record Collected or Updated- / /

| 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		

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



GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 67 **Distance from Property: 1.54 mi. WSW**

STATE ID:	**65-13-926**
OWNER'S NAME:	**CITY OF HOUSTON CENTRAL**
DATE DRILLED:	**00/00/1927**
DEPTH DRILLED:	**1320'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.376048000**
LATITUDE:	**29.762450000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513926/6513926.pdf**

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 - _____

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

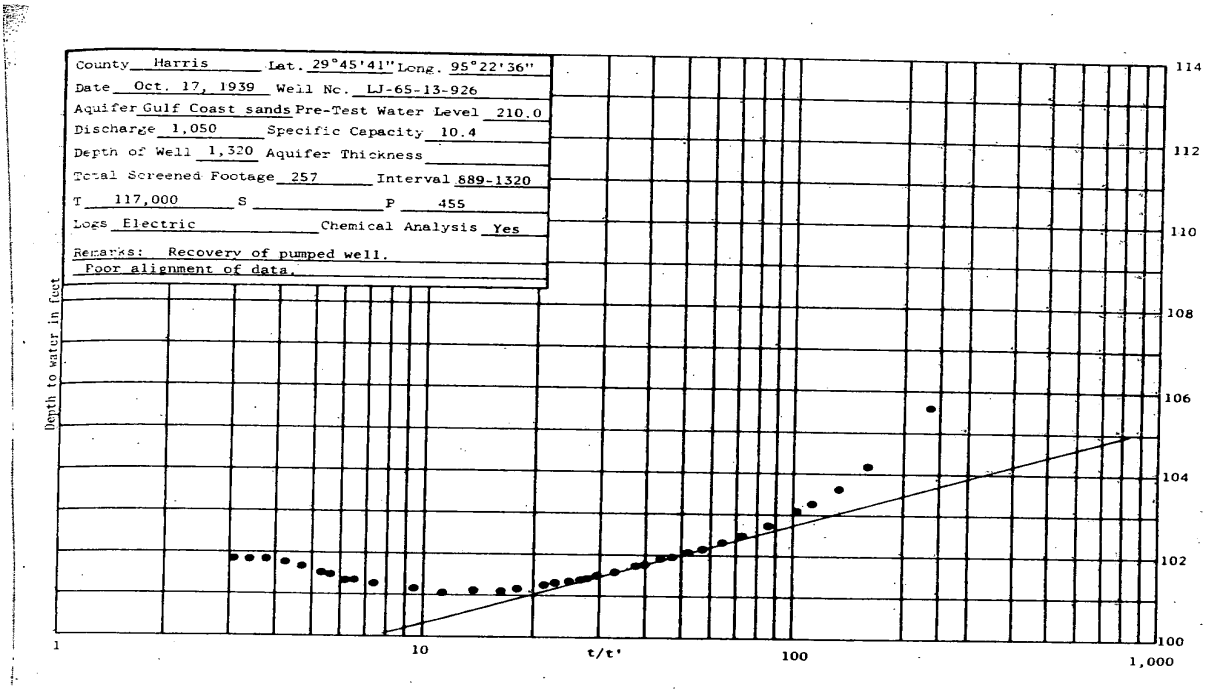
Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -
REMARKS -
154 ft of screen between 889 and
1320 ft. Reported yield 800 gpm
Jan. 1942. WEll F-10.

| 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 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.
Depth to water in feet
114
112
110
108
106
104
102
100
1
10
t/t'
100
1,000

MAP ID# 67 **Distance from Property: 1.54 mi. WSW**

PWSID:	**1010013**
SOURCE ID:	**G1010013GQ**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1935**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.375831600**
LATITUDE:	**29.762222290**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 67 **Distance from Property: 1.54 mi. WSW**

STATE ID:	**65-13-932**
OWNER'S NAME:	**CITY OF HOUSTON CENTRAL**
DATE DRILLED:	**00/00/1935**
DEPTH DRILLED:	**953'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.376049000**
LATITUDE:	**29.762450000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513932/6513932.pdf**

WRD Exp. (GW)
Aprjl 1966

Well No. LJ-65-13-932

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

McAdoo

Record by NAPE WFG 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 deg 45 min 49 sec N Longitude: 095 degrees 22 min 42 sec W Sequential number: 1

Lat-long accuracy: 1 T. ____ S, R ____ W, Sec ____, ____, ____, ____

Local well number: LJ-65-13-932 Other number: F-11 (624) B & M

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) Ind, (N) 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 Nov 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.: 1935—1971 Semi-annual 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. (rep) 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, sd. pt., (S) shored, (T) 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: 1935 9 3 5 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, submerg, (T) turb, (X) other T dep Shallow D

Power (type): diesel, (E) nat gas, gasoline, hand, LP gas, wind; H.P. 200 W Trans. or water 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: 2

Date meas: 7-30-75 7 30 75 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-65-13-932

Well No. LT-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] [19] Physiographic Province: coastal plain [20] [21] 03 Section: [22]

[22] F Drainage Basin: [23] [28] 51B Subbasin: [29]

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 [35] [39] T ____ aquifer, formation, group [30] [31] E ✓

Lithology: ____ [32] [33] Origin: ____ [34] Aquifer Thickness: ____ ft

[35] [37] Length of well open to: 248 ft [38] [40] 248 Depth to top of: ____ ft [41] [43]

MINOR AQUIFER: ____ system, ____ series [44] [45] Q ____ aquifer, formation, group [46] [47] CL ✓

Lithology: ____ [48] [49] Origin: ____ [50] Aquifer Thickness: ____ ft

[51] [55] Length of well open to: ____ ft [52] [56] Depth to top of: ____ ft [57] [59]

Intervals Screened: 463-524; 562-605; 712-775; 826-875; 896-938.

Depth to consolidated rock: ____ ft [60] [63] Source of data: ____ [64]

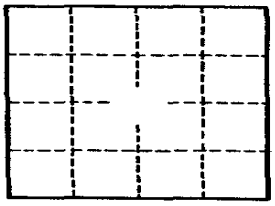
Depth to basement: ____ ft [65] [68] Source of data: ____ [69]

Surficial material: ____ [70] [71] Infiltration characteristics: ____ [72]

Coefficient Trans: ✓ ____ gpd/ft [73] [75] Coefficient Storage: ____ [76] [78]

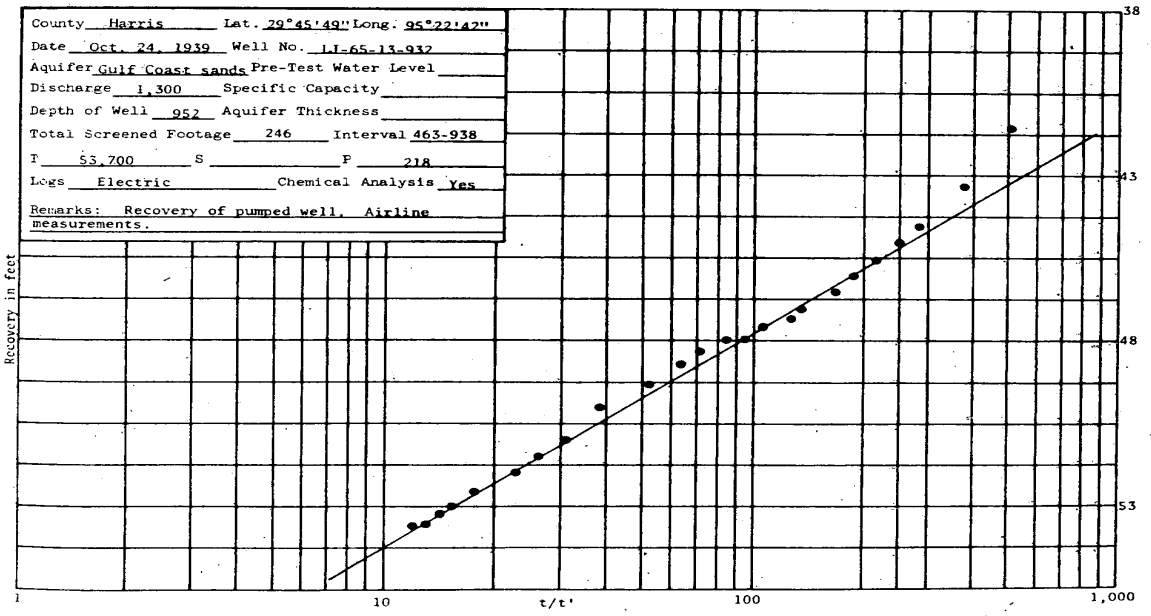
Coefficient Perm: ✓ ____ gpd/ft^2; Spec cap: ✓ ____ gpm/ft; Number of geologic cards: ____ [79]

301' of 24" css.



Well No. LT-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 53,700 S P 218
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well. Airline measurements.
Recovery in feet
38
43
48
53
1
10
t/t'
100
1,000

- 227 -

MAP ID# 68 **Distance from Property: 1.55 mi. W**

PWSID:	**1010013**
SOURCE ID:	**G1010013GM**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1927**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.376388550**
LATITUDE:	**29.763610840**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 69 **Distance from Property: 1.56 mi. WSW**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294536095223201**
STATION NAME: **LJ-65-13-927**
SITE TYPE: **GW**
LATITUDE: **29.760750000** LONGITUDE: **-95.375840000**
DATE DRILLED: **NOT REPORTED**
WELL DEPTH: **625 feet**
HOLE DEPTH: **900 feet**
LOCAL AQUIFER: **CHICOT AQUIFER**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 69 **Distance from Property: 1.56 mi. WSW**

STATE ID:	**65-13-927**
OWNER'S NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**NOT REPORTED**
DEPTH DRILLED:	**625'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.375840000**
LATITUDE:	**29.760750000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513927/6513927.pdf**

WRD Exp. (GW)
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 3-9-68 — Map 1:24000 Houston Heights 1953

State Texas [48] — County (or town) Harris [LJ]

Latitude: 29 45 36 N — Longitude: 095 22 32 — Sequential number: 1

Lat-long accuracy: 1 — T. ____ S, R ____ W, Sec ____, ____, ____, ____

Local well number: LJ-65-13-927 — Other number: B & M 619 in 8896

Local use: ____ — Owner or name: City of Houston

Owner or name: CITY OF HOUSTON — Address: Lincoln Pool

Ownership: (C) County, Fed Gov't, (M) City, Corp or Co, (N) Private, (S) State Agency, (W) Water Dist — M

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, (T) (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) (U) Unused, (V) 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: ____ — Pumpage inventory: yes / no, period: ____

Aperture cards: ____ yes

Log data: ____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 900 ft — 0910 — Meas rept — accuracy 625' — 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, dug, (D) (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 (name) ____ (address)

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, gas, gasoline, hand, gas, wind; nat LP H.P. ____ — Trans. or meter no. ____

Descrip. MP ____ ft above / below LSD . Alt. MP ____

Alt. LSD: 45 — Accuracy: (source) Topo 5' — 3

Water Level 53.50 ft above / below MP; Ft above / below LSD — 54 — Accuracy: 1 foot

Date meas: 1-30-71 — Yield: — gpm — Method determined

Drawdown: — ft — Accuracy: — Pumping period — brs

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-65-13-927

Latitude-longitude 29 d 45 m 36 s N 095 d 22 m 32 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, swamp, (A) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat ____ [F] (27)

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

[ ] (51–52) Length of well open to: ____ ft [ ] (54–56) Depth to top of: ____ ft [ ] (57–59)

Intervals Screened: ____

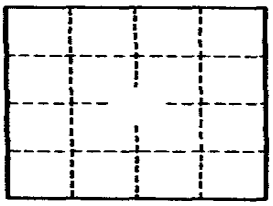
Depth to consolidated rock: ____ ft [ ] (60–63) Source of data: ____ [ ] (64)

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-65-13-927

GPO 857–700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 70 **Distance from Property: 1.56 mi. SSW**

STATE ID:	**65-22-104**
OWNER'S NAME:	**SEVEN-UP BOTTLING CO.**
DATE DRILLED:	**00/00/1937**
DEPTH DRILLED:	**388'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.358770000**
LATITUDE:	**29.746060000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522104/6522104.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6522104 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294446 **Longitude** 952129 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Seven-Up Bottling Co.

Driller
Layne Texas Co.

Address _____ **Tenant/Oper.** _____

Date Drilled / /1937 **Depth** 388 **Source of Depth** **Altitude** 47 **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 -** **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
1937
-66

Recorded By _____ **Date Record Collected or Updated -** 02/20/2003

Reporting Agency 01

REMARKS -
TWDB Report 178: Screen from 340 to 386 ft.
Yield: 85 gpm with 26 ft. drawdown when drilled.

Aquifer - 112CHCTL **ID -** 15
CHICOT AQUIFER,LOWER

Friday, January 26, 2007

Well Number - 6522104

MAP ID# 71 **Distance from Property: 1.60 mi. E**

TRACK #: **257810**
DATE ENTERED: **2011-06-24**
OWNER NAME: **JIM OHMART**
OWNER ADDRESS: **4510 INMAN**
HOUSTON, TX 77020
COUNTY: **HARRIS**
LATITUDE: **29.763056000** LONGITUDE: **-95.325278000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=257810&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2011-05-13**
DRILLING DATE (COMPLETED): **2011-05-16**
DEPTH DRILLED: **260'**

WATER LEVEL:
STATIC LEVEL: **120'**
WATER LEVEL DATE: **2011-05-16**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **SCOTT DRILLING INC**
COMPANY ADDRESS: **11923 GREEN PINE CIRCLE**
HOUSTON, TX 77066

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 72 **Distance from Property: 1.62 mi. W**

STATE ID:	**65-13-905**
OWNER'S NAME:	**CITY OF HOUSTON CENTRAL 21**
DATE DRILLED:	**02/04/1957**
DEPTH DRILLED:	**2020'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.377644000**
LATITUDE:	**29.763083000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513905/6513905.pdf**

WRD Exp. (GW)
April 1966

Well No. LT-65-13-905

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record (Model) (Geologist) McAdoo — Source of data File — Date 2-16-68 — Map 1:24000 Houston Heights 1955

State Texas [48] — County (or town) Harris [LJ]

Latitude: 29 deg 45 min 45 sec N — Longitude: 095 degrees 22 min 38 sec W — Sequential number: 1

Lat-long accuracy: 1 — T. ____ N, S, R ____ E, W, Sec ____, ¼, ¼, ¼

Local well number: LJ-65-13-905 — Other number: C-21 — B & M

Local use: ____ — Owner or name: City of Houston

Owner or name: CITY OF HOUSTON — Address: Central Plant

Ownership: (C) County, (F) Fed Gov't, (H) 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) Withdrawl, (X) Waste, (Z) Destroyed — [W]

DATA AVAILABLE: Well data [1] — Freq. W/L meas.: 1957 - Annual [A] — Field aquifer char. [ ]

Hyd. lab. data: [ ]

Qual. water data; type: [ ]

Freq. sampling: 3-31-57 [A] — Pumpage inventory: yes / no, period: [ ]

Aperture cards: yes [ ]

Log data: E-Log (0-2508) T-34 [E]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 2020 ft [2020] Meas. (Rpt) Driller accuracy [3]

Depth cased; (first perf.): 745 ft [745] — 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., screen, sd. pt., (S) shored, (T) 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: 2-4-57 [9 5 7] — 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, wind, LP; H.P. 250 — [W] Trans. or meter no. ____

Descrip. MP Top of 2½" adapter for pipe +2.5 ft above / below LSD — Alt. MP ____

Alt. LSD: 43 [43] — Accuracy: (source) Topo 5' [3]

Water Level 238.78 ft above / below MP; Ft above / below LSD [2316] — Accuracy: Meas [A]

Date meas: 3-27-57 [3 5 7] — Yield: 2939 gpm [2937] — Method determined [4]

P/L = 311

Drawdown: 72 ft [72] — Accuracy: 3-27-57 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. LT-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, 19) Physiographic Province: Coastal Plain (20, 21) 03 Section: _____

F (23) Drainage Basin: _____ (23, 25) 5 1 17 Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, 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: * 745-2000

Depth to consolidated rock: _____ ft (60, 63) Source of data: _____ (64)

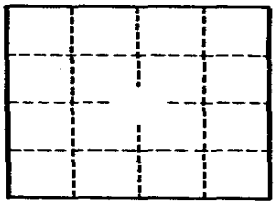
Depth to basement: _____ ft (65, 68) Source of data: _____ (69)

Surficial material: _____ (70, 71) Infiltration characteristics: _____ (72)

Coefficient Trans: ✓ _____ gpd/ft (73, 75) Coefficient Storage: _____ (76, 78)

Coefficient Perm: ✓ _____ gpd/ft²; 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



CSJ:
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 -AAO - 1532
(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
County: Harris
Owner: City of Houston - Central #20
Address: P.O. Box 1562 - Houston, Tx. 77251
Date Drilled: _____ Depth: _____
Collection Point: Faucet pH 7.96
By: E. Zapata - D. Jones

State Well Number: 65-13-9
Date & Time: 6/5/90 11:25
☐ Send Copy To Owner Attn: Tony Baker
Sampled After Pumping: DOA Hours
Yield: _____ GPM ☐ Measured ☐ Estimated
Use: PS Temperature: 29.1 °C
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- EL - APP. 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

County: Harris

Owner: City of Houston - Central #20

Address: P.O. Box 1562 Houston, Tx. 77251

Date Drilled: _____ Depth: _____

Collection Point: Faucet pH 7.96

By: D. Jones & E. LaPoint

State Well Number: 65-13-9

Date & Time: 6/5/90 11:25

☒ Send Copy To Owner Mtn. Tony Baker

Sampled After Pumping: POA Hours

Yield: _____ GPM ☐ Measured ☐ Estimated

Use: PS Temperature: 29.1 °C

Specific Conductance: 479

Requested Che[redacted]

KEY PUNCHER

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
County: Harris
Owner: City of Houston - Central #20
Address: P.O. Box 1560 - Houston, Tx. 77251
Date Drilled: _____ Depth: _____
Collection Point: Faucet pH 7.96
By: D. Jones & E. Zapata

State Well Number: 65-13-905
Date & Time: 6/5/90 11:25
☑ Send Copy To Owner Attn. Tony L. Baker
Sampled After Pumping: POA Hours
Yield: _____ GPM ☐ Measured ☐ Estimated
Use: Public Supply Temperature: 29.1 °C
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. Alkalinity	(00415)	0.00	0
T. Alkalinity	(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 - HHO - 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
County: Harris
Owner: City of Houston - Central #20
Address: P.O. Box 1562 - Houston, Tx. 77251
Date Drilled: _____ Depth: _____
Collection Point: Faucet pH 7.96
By: E. Zapata & D. Jones

State Well Number: 65-13-9
Date & Time: 6/5/90 11:25
☑ Send Copy To Owner Attn: Tony Baker
Sampled After Pumping: POA Hours
Yield: _____ GPM ☐ Measured ☐ Estimated
Use: PS Temperature: 29.1 °C
Specific Conductance: 479

KEY PUNCHED

Requested Ch[redacted]
Laboratory No.: _____ 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)	490 480
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.~~ 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 .490. 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. Lapeta

Specific Conductance: 679

KEY PUNCHED JUN 08 1990

JUN 20 1990

Requested Chemical Analysis

Laboratory No.: [redacted]

Date Received: _____

Date Reported: 19JUNE90

VOA

890091-A

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

TEXAS DEPARTMENT OF HEALTH
GC/MS ANALYSIS REPORT
EPA PRIORITY POLLUTANTS

ANALYST: C. Sherman DATE: 6/18/90 TDH SAMPLE NUMBER EB0 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	---
ICHLOROPHENOL	---	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 :

	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 DATE

Glen Cyphell 19JUNE90

Rev. 5/87

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Austin, Texas

Latitude ° ' " 29 45 45 | Longitude ° ' " 095 22 38 | Seq. No. 01

C ity 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 Eval

Sample interval: (top) 745 (bottom) 2000

Water level — Appr Clear Use PS

Collector [redacted] BEZANT Yield — GPM

Smpld aftr pmpg 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

Schem schedule I

Other

Herbicide Insecticide

Remarks:

Type 2 | Station identification number 29454509522380 1

Y M D 76 09 17 Begin

Time of measurement

	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			

	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	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 (2–16)

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			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	1800	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				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

015480

Latitude ° ' " 29 45 45 | Longitude ° ' " 095 22 38 | Seq. No. 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 Evgl

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 | Station identification number 2 9 4 5 4 5 0 9 5 2 2 3 8 0 1 (1 / 2–9 / 16)

Y M D: 7 5 0 4 1 5 (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)		55
Sulfate (SO_4)	00945	8800	01		8.8
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Water Quality Field Data

SWN: 65-13-905
County: Harris
Aquifer(s): Gulf Coast

Sample No. 800
Date: 6-17-97
By: C. Matt

Name: City of Houston
Address: 105 Sabine
Houston TX 77007
owner's well # Central 21

Bottle1	Bottle 2	Bottle 3	Bottle 4	Bottle 5	Bottle 6	Bottle 7	Total SUB-Samples
500 ml	1 liter	250 ml	1 liter				
Anions	Cations	Nitrate	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(+) 0
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.

Time:	8:45	9:00	9:05	9:10	9:12		ml.	pH	ml.	pH	ml.	pH	
pH:	6.40	7.11	7.35	7.39			1.0	7.41					
Temp:	25.5	25.5	25.5	25.5			2.0	7.47					
Eh:					-273		3.0	7.39					
Cond.	495	468	450	441			4.0	7.28					
other notes:							5.0	7.17					
							6.0	7.09					
							7.0	6.97					
							8.0	6.83					
							9.0	6.75					
							10.0	6.44					

Starting pH 7.61
10.0 ml. of 0.02N to
50 ml. of Sample
Ending pH 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

PAGE 1 of 2

FINAL ANALYSIS REPORT

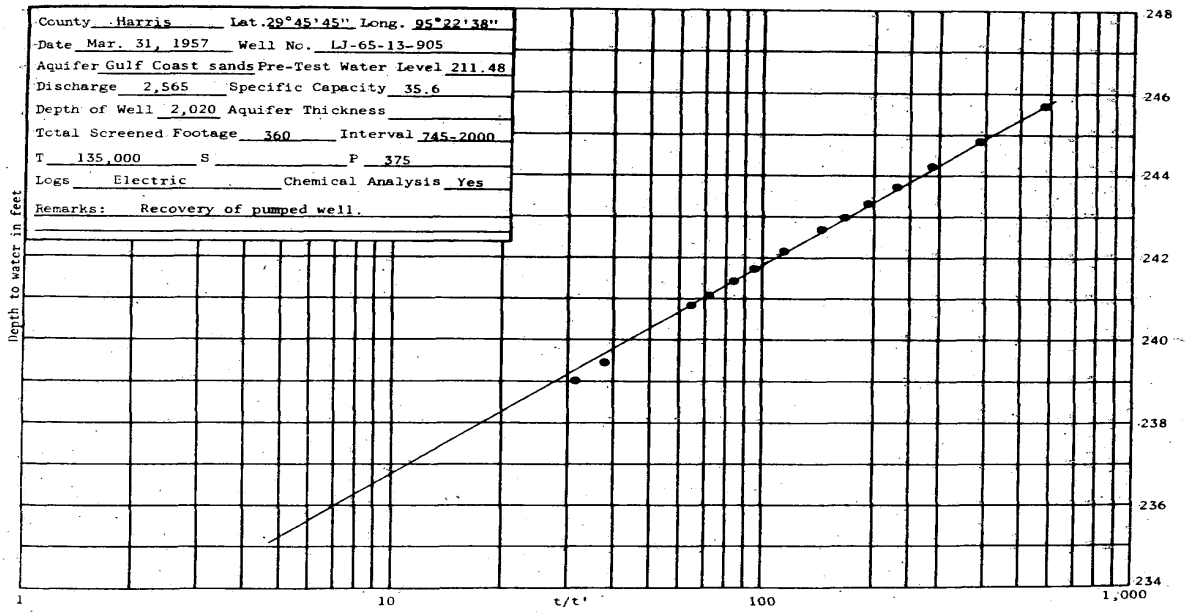
LAB ID: 9705154 SAMPLE DESCRIPTION: Groundwater
FACILITY: TWDB SAMPLE DATE: 06/17/97
ACCT NO: SAMPLE TIME: 0915
TX WATER DEV. BOARD
DATE RECEIVED: 06/20/97
REPORT DATE: 08/19/97
LOCATION ID: 65-13-905

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.

PAGE 2 of 2

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.



- 225 -

MAP ID# 72 **Distance from Property: 1.62 mi. W**

PWSID:	**1010013**
SOURCE ID:	**G1010013N**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**02/04/1957**
SCREEN BOTTOM:	**1,990.00'**
SCREEN TOP:	**747.00'**
GALLONS PER MINUTE:	**1,840**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.377441410**
LATITUDE:	**29.762630460**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 72 **Distance from Property: 1.62 mi. W**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294545095223801**
STATION NAME: **LJ-65-13-905**
SITE TYPE: **GW**
LATITUDE: **29.763084000** LONGITUDE: **-95.377644000**
DATE DRILLED: **02/04/1957**
WELL DEPTH: **2020 feet**
HOLE DEPTH: **2508 feet**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

MAP ID# 72 **Distance from Property: 1.62 mi. W**

WELL ID:	**1022**
OWNERS NAME:	**HOUSTON, CITY OF**
YEAR DRILLED:	**1957**
DEPTH DRILLED:	**2020'**
STATIC LEVEL:	**745'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.377645000**
LATITUDE:	**29.763083000**
SOURCE:	**HGSD**

MAP ID# 73 **Distance from Property: 1.63 mi. WSW**

PWSID:	**1010013**
SOURCE ID:	**G1010013GO**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1927**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.377220150**
LATITUDE:	**29.761388780**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 74 **Distance from Property: 1.63 mi. WNW**

STATE ID:	**65-14-768**
OWNER'S NAME:	**BEAUCHAMPS SPRINGS**
DATE DRILLED:	**NOT REPORTED**
DEPTH DRILLED:	**NOT REPORTED**
WATER USAGE:	
LONGITUDE:	**-95.374167000**
LATITUDE:	**29.781111000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514768/6514768.pdf**

MAP ID# 75 **Distance from Property: 1.63 mi. W**

PWSID:	**1010013**
SOURCE ID:	**G1010013GP**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1935**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.377777100**
LATITUDE:	**29.763334270**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

MAP ID# 76 **Distance from Property: 1.67 mi. E**

WELL ID:	**1718**
OWNERS NAME:	**COMET RICE MILLS, INC.**
YEAR DRILLED:	**1965**
DEPTH DRILLED:	**617'**
STATIC LEVEL:	**495'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.322902000**
LATITUDE:	**29.766428000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 77 **Distance from Property: 1.68 mi. NNW**

ID NUMBER:	**TX205317**
STATE ID :	**65-14-4K**
OWNER NAME:	**C.C. KERN**
DATE DRILLED:	**05/08/1983**
DEPTH DRILLED:	**348'**
STATIC LEVEL:	**98'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.359599000**
LATITUDE:	**29.791758000**

1 PAGE(S) OF DRILLERS' LOGS

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. (Street or RFD) Houst (City) Tx (State) 77009 (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 ____

59

Map 7

X See attached map. ~~Map on 65 154AA~~ Not on Map

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 ~~May~~ June 7+8 1983

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6½	Surface	230
3⅞	230	248

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

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other Dual 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	+2	230	40
2⅜	N	PVC slotted	228	248	17

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
X 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 ____

12) PACKERS: Type ____ Depth ____

13) TYPE PUMP: ☐ Turbine ☐ Jet X Submersible ☐ Cylinder ☐ Other ____
Depth to pump bowls, cylinder, jet, etc., 142 ft.

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

RECEIVED
JUL - 2 1985
DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

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? ____ 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 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) Dup (Registered Driller Trainee)

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 DLP

TDWR-0392 (12/29/83)

DEPARTMENT OF WATER RESOURCES COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 78 **Distance from Property: 1.71 mi. NNE**

ID NUMBER:	**TX205261**
STATE ID :	**65-14-7F**
OWNER NAME:	**OLDS PRESS AND FORGE**
DATE DRILLED:	**12/20/1974**
DEPTH DRILLED:	**302'**
STATIC LEVEL:	**152'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.345570000**
LATITUDE:	**29.792870000**

2 PAGE(S) OF DRILLERS' LOGS

end original copy by
ertified mail to the
exas Water Development Board
. O. Box 13087
ustin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-14-7F
Located on map yes
Received: 9-5-
db

1) OWNER:
Person having well drilled Olds Press and Forge (Name) Address 3303 Carr St. (Street or RFD) Houston, TX (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 302 ft. Depth of completed well 302 ft. Date drilled 12-20-74

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
48	72	Clay and Sand
72	96	Clay
96	120	Clay and Sand Streaks
120	144	Sand and Gravel
144	168	Sand and Clay
168	192	Sand and Gravel
192	216	Sand and Clay
216	240	Clay and Sand
240	264	Sand and Shell
264	302	Sand

(Use reverse side if necessary)

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

Cemented from ____ ft. to ____ 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
#12 guage	292	302	
2½" Blank	278	292	

7) COMPLETION (Check):
Straight wall X | Gravel packed | Other
Under reamed | Open Hole

8) WATER LEVEL:
Static level 152 ft. below land surface Date 12-20-74

Artesian pressure ____ lbs. per square inch Date ____

Depth to pump bowls, cylinder, jet, etc., 283 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.

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

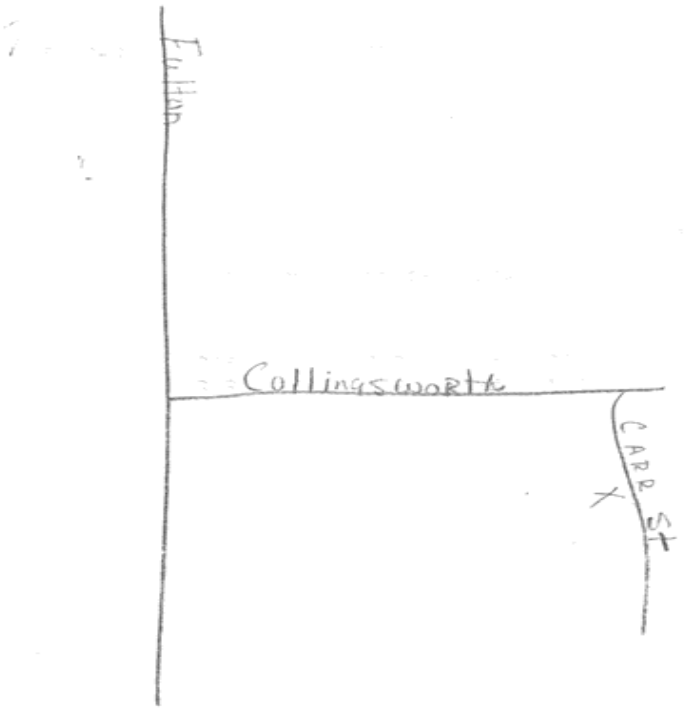
2)LOCATION OF WELL:

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
JAN 27 1975
TEXAS WATER
DEVELOPMENT BOARD

RECEIVED
MAY 13 1975
Central Records
Texas Water Development Board

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 78 **Distance from Property: 1.71 mi. NNE**

ID NUMBER:	**TX205380**
STATE ID :	**65-14-7C**
OWNER NAME:	**OLD PRESS & FORGE**
DATE DRILLED:	**05/19/1966**
DEPTH DRILLED:	**302'**
STATIC LEVEL:	**145'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.345570000**
LATITUDE:	**29.792870000**

1 PAGE(S) OF DRILLERS' LOGS

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. 68-74-7C
Located on map 6-45
Received:
Form GW 8
Form GW 9

1) OWNER:
Person having well drilled: Olds Press & Forge (Name) Address: 3303 Carr St. 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: 3303 Carr St. 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 ☒ 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 302 ft. Depth of completed well 302 ft. Date drilled 5/19/66
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	56	Surface & Hard Red Clay
56	64	Fine Broken Red Sand
64	96	Red Clay, Light Sand Breaks
96	120	Yellow Clay
120	154	Yellow Clay, Sand Streaks
154	192	Sand, Top Loose
192	216	Sand & Gravel
216	260	Red Shale
n 260	262	Sand - Shale
262	265	Soft Sandy Shale
265	272	Sand
272	277	Shale, Sandy
277	303	Sand, Good

(Use reverse side if necessary)

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

8) WATER LEVEL:
Static level 145 ft. below land surface Date 5/19/66
Artesian pressure lbs. per square inch Date

9) CASING:
Type: old ☐ New ☒ Steel ☒ Plastic ☐ Other ☐
Cemented from 0 ft. to 279 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	277	9½ #

10) SCREEN:
Type Stainless
Perforated ☒ Slotted ☐

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size
2½"	282	302	.011

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. 2 HP
Designed pumping rate gpm ☐ gph ☐
Type power unit Electric
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 R. B. Lowry (Type or Print) Water Well Drillers Registration No. 146

Address 4012 Fulton Street (Print) (City) Houston (State) Texas

(Signed) R B Lowry (Water Well Driller) LOWRY WATER WELLS (Company Name)

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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

MAP ID# 78 **Distance from Property: 1.71 mi. NNE**

STATE ID:	**65-14-438**
OWNER'S NAME:	**OLDS PRESS & FORGE CO.**
DATE DRILLED:	**00/00/1966**
DEPTH DRILLED:	**302'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.345570000**
LATITUDE:	**29.792870000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514438/6514438.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514438 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294731 **Longitude** 952043 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Olds Press & Forge Co.

Driller
Lowry water Wells

Address _____ **Tenant/Oper.** _____

Date Drilled / /1966 **Depth** 302 **Source of Depth** **Altitude** 54 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION

Const-Method

Completion

Casing Material

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
1966
-145

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

Reporting Agency 01

REMARKS -
TWDB R178: Screen from 282 to 302 ft.

Aquifer - 112CHCTL **ID -** 15
CHICOT
AQUIFER,LOWER

Thursday, November 30, 2006

Well Number - 6514438

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

MAP ID# 79 **Distance from Property: 1.73 mi. W**

PWSID:	**1010013**
SOURCE ID:	**G1010013GN**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1927**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.379447940**
LATITUDE:	**29.763334270**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 80 **Distance from Property: 1.74 mi. NW**

ID NUMBER:	**TX205401**
STATE ID :	**65-13-9**
OWNER NAME:	**RAY AIRE OF HOUSTON**
DATE DRILLED:	**05/22/1987**
DEPTH DRILLED:	**137'**
STATIC LEVEL:	**97'**
WATER USAGE:	**INJECTION**
LONGITUDE:	**-95.373831000**
LATITUDE:	**29.784271000**

3 PAGE(S) OF DRILLERS' LOGS

Water Well ID: 205401

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.

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 05/22 19 87 Completed _____ 19 ___

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6-3/4	Surface	137

From (ft.)	To (ft.)	Description and color of formation material
0	4	Top Soil
4	17	Clay
17	34	Sandy Clay
34	116	Clay
116	121	Sand
121	128	Sandy Clay
128	137	Sand, Salt & Pepper .008
137		Clay

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	127	40
4	N	PVC Screen Slotted .010	127	137	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 5/22/87
Artesian flow ------ gpm. Date ------

12) PACKERS: Type Rubber Formation Depth 125' 118' 15'

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

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 10 gpm with Air ft. drawdown after -- hrs.

RECEIVED
AUG 31 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? Good Depth of strata 9'
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 WALKER WATER WELL SERVICE, INC. (Type or Print) Water Well Driller's License No. 1827

ADDRESS P. O. Box 1580 (Street or RFD) Alvin (City) Tx. (State) 77512-1580 (Zip)

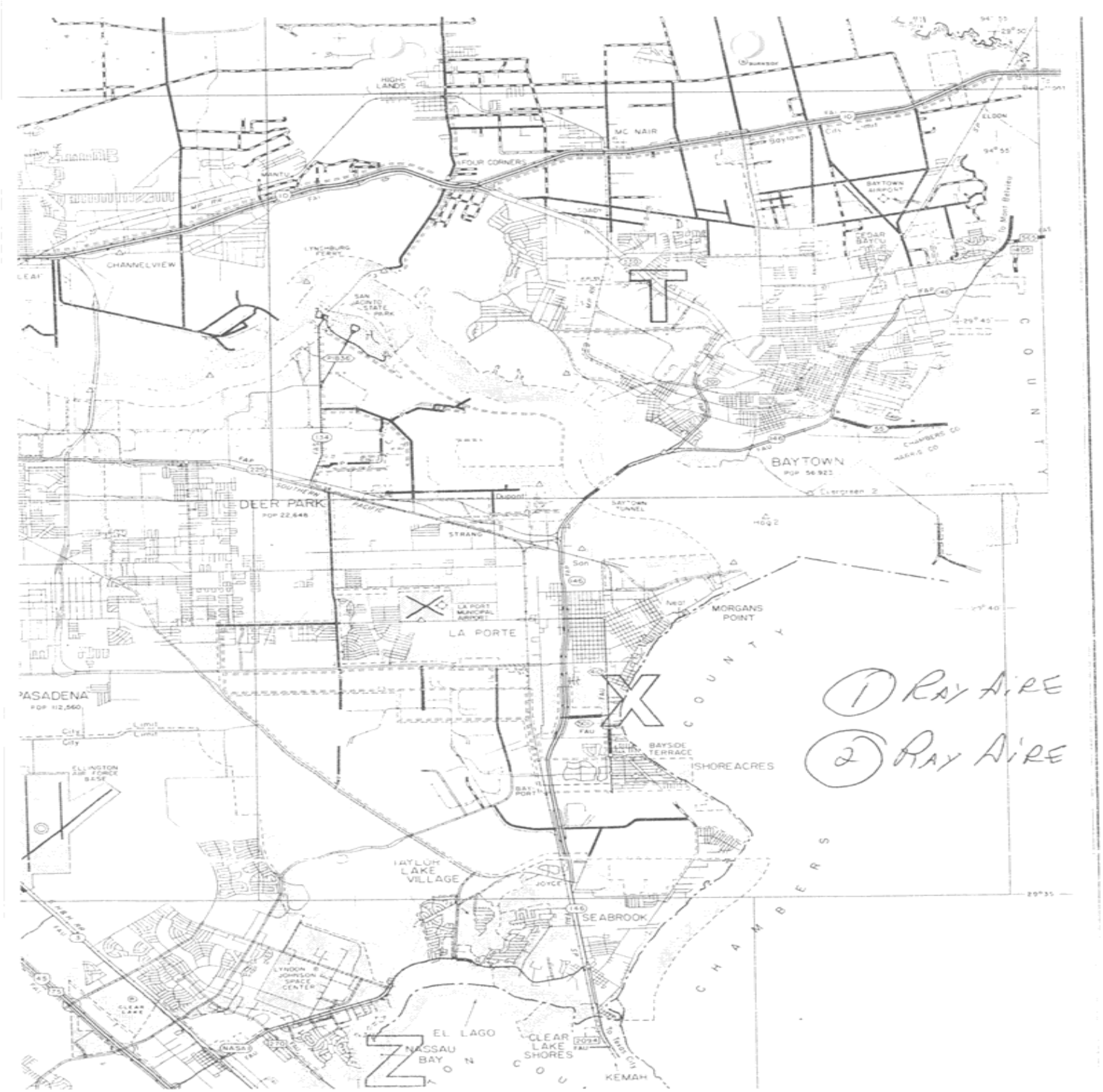
(Signed) Paul W. Rhodes (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

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

For TWC use only
Well No. 65/3-9
Located on map _____

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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


CHANNELVIEW
MC NAIR
FOUR CORNERS
BAYTOWN
BAYTOWN AIRPORT
DEER PARK
LA PORTE
LA PORT MUNICIPAL AIRPORT
MORGANS POINT
BAYSIDE TERRACE
SHORE ACRES
PASADENA
ELLINGTON AIR FORCE BASE
TAYLOR LAKE VILLAGE
SEABROOK
LYNDON B. JOHNSON SPACE CENTER
NASSAU BAY
EL LAGO
CLEAR LAKE SHORES
KEMAH
HARRIS COUNTY
CHAMBERS
1 RAY AIRE
2 RAY AIRE

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 81 **Distance from Property: 1.75 mi. W**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294607095224701**
STATION NAME: **LJ-65-13-941**
SITE TYPE: **GW**
LATITUDE: **29.769250000** LONGITUDE: **-95.380290000**
DATE DRILLED: **01/01/1960**
WELL DEPTH: **300 feet**
HOLE DEPTH: **300 feet**
LOCAL AQUIFER: **CHICOT AQUIFER**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 81 **Distance from Property: 1.75 mi. W**

STATE ID:	**65-13-941**
OWNER'S NAME:	**GENERAL DYNAMICS**
DATE DRILLED:	**00/00/1960**
DEPTH DRILLED:	**300'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.380290000**
LATITUDE:	**29.769250000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513941/6513941.pdf**

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 - _____
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- 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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 82 **Distance from Property: 1.76 mi. NE**

ID NUMBER:	**TX205323**
STATE ID :	**65-14-4E**
OWNER NAME:	**CAROL HARBOR**
DATE DRILLED:	**05/30/1981**
DEPTH DRILLED:	**82'**
STATIC LEVEL:	**48'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.331710000**
LATITUDE:	**29.788084000**

2 PAGE(S) OF DRILLERS' LOGS

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. 65-14-4F
Located on map YES
Received: RLW

1) OWNER Carol (Name) Harber Address 5013 VanZandt (Street or RFD) Houston (City) TX (State) 77093 (Zip)

2) LOCATION OF WELL
County Harris 8 miles in NE (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 5-30-81

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
4	Surface	82

From (ft.)	To (ft.)	Description and color of formation material
0	22	White Clay
22	50	Red Clay
50	61	" Sand
61	69	Red Clay
69	82	White 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
2		Plastic	76	82	10

CEMENTING DATA
Cemented from _____ ft. to _____ ft.
Method used _____
Cemented by _____ (Company or Individual)

9) WATER LEVEL:
Static level 48 ft. below land surface Date 6-1-81
Artesian flow _____ gpm. Date _____

10) PACKERS:

Type	Depth
3 Rubber	62-65-68

11) TYPE PUMP:
☐ Turbine ☑ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 60 ft.

12) WELL TESTS:
☐ Type Test: ☑ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 5 gpm with 0 ft. drawdown after 2 hrs.

(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 L.F. HULL (Type or Print) Water Well Drillers Registration No. 2044

ADDRESS 4933 Hartwick (Street or RFD) Houston (City) TEX. (State) 77093 (Zip)

(Signed) L F Hull (Water Well Driller) L.F. HULL (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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Carol Barker
HOUSTON
HARRIS COUNTY
TEXAS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 83 **Distance from Property: 1.77 mi. WNW**

ID NUMBER:	**TX205397**
STATE ID :	**65-13-9**
OWNER NAME:	**RAY AIRE OF HOUSTON**
DATE DRILLED:	**05/22/1987**
DEPTH DRILLED:	**133'**
STATIC LEVEL:	**97'**
WATER USAGE:	**SUPPLY**
LONGITUDE:	**-95.375476000**
LATITUDE:	**29.782936000**

3 PAGE(S) OF DRILLERS' LOGS

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

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.

RECEIVED
AUG 31 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? Good Depth of strata 11'
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 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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

R
S
V
W
Y
JACINTO CITY
GALENA PARK
HOUSTON
SOUTH HOUSTON
BROOKSIDE VILLAGE
PEARLAND
B R A Z O R I A
HARRIS COUNTY
TEXAS

CHANNELVIEW
MC NAIR
BAYTOWN
DEER PARK
LA PORTE
MORGANS POINT
BAYSIDE TERRACE
SEABROOK
TAYLOR LAKE VILLAGE
NASSAU BAY
EL LAGO
CLEAR LAKE SHORES
KEMAH
CHAMBERS COUNTY
1 RAY AIRE
2 RAY AIRE

WATER UTILITY DATABASE (WUD)

MAP ID# 84 **Distance from Property: 1.78 mi. NNE**

PWSID:	**1010013**
SOURCE ID:	**G1010013HG**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1931**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.336112980**
LATITUDE:	**29.790832520**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 85 **Distance from Property: 1.80 mi. N**

ID NUMBER:	**TX205395**
STATE ID :	**65-14-7N**
OWNER NAME:	**HOUSTON INTERNATIONAL TELEPORT, INC**
DATE DRILLED:	**04/11/1985**
DEPTH DRILLED:	**60'**
STATIC LEVEL:	**30'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.349771000**
LATITUDE:	**29.794512000**

1 PAGE(S) OF DRILLERS' LOGS

24.

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 Houston International Teleport, Inc. (Name) Address 3003 Moffett (Street or RFD) Houston, Tx. (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. No 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 4-11-85

DIAMETER OF HOLE	Dia. (in.)	From (ft.)	To (ft.)
	4 3/4	Surface	80'
	10"	"	60'

From (ft.)	To (ft.)	Description and color of formation material
0	20	top soil & black Clay
20	40	gray clay
40	60	gray clay
60	80	sand 12 ga.

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
6"	N	Class 200 PVC Casing	+24"	60	
4"	N	Well Supplies, Inc.			
		Screen	80'	60'	12ga
4"	N	PVC Blank Liner	60'	64'	

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 60 ft. to Surface ft.
ft. to ft.
Method used Pressure cement
Cemented by Raymond Water Wells

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 30' ft. below land surface Date
Artesian flow gpm. Date

12) PACKERS: Type Depth

RECEIVED
SEP - 3 1985
DEPT. OF WATER RESOURCES

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: 27 gpm with 5 ft. drawdown after 4 hrs.

(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 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 Raymond Water Wells (Type or Print) Water Well Driller's License No. 774

ADDRESS 10011 Airline Dr. (Street or RFD) Houston, Tx. 77037 (City) (State) (Zip)

(Signed) C. A. Raymond 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. 65-18-7N
Located on map Yes DLF

TDWR-0392 (12/29/83)

DEPARTMENT OF WATER RESOURCES COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 86 **Distance from Property: 1.81 mi. NW**

WELL ID:	**2715**
OWNERS NAME:	**GARZA, JULIO**
YEAR DRILLED:	**1989**
DEPTH DRILLED:	**NOT REPORTED**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.370654000**
LATITUDE:	**29.788580000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 87 **Distance from Property: 1.83 mi. NNE**

ID NUMBER:	**TX205394**
STATE ID :	**65-14-7M**
OWNER NAME:	**M & N WELL SERVICE**
DATE DRILLED:	**06/01/1985**
DEPTH DRILLED:	**346'**
STATIC LEVEL:	**235'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.342461000**
LATITUDE:	**29.794025000**

1 PAGE(S) OF DRILLERS' LOGS

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 + N Well Ser (Name) Address 4422 Gaston (Street or RFD) Houston (City) 77093 (State) Tx (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 ____

X See attached map. Map on 65-17-4J

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 6-1-85

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface 0	346

From (ft.)	To (ft.)	Description and color of formation material
0	94	TS Clay
94	106	Sand
106	220	Clay
220	252	Sand
252	323	Clay
323	346	Sand

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other 2 Slots
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 - Wellcas.	0	330	
2 1/2	N	" Screen	330	346	

CEMENTING DATA
Cemented from 0 ft. to 330 ft.
Method used Pressure
Cemented by Ila Potts (Company or Individual)

9) WATER LEVEL:
Static level 235 ft. below land surface Date 6-2-85
Artesian flow ____ gpm. Date ____

10) PACKERS: Type ____ Depth ____
4 X 2 1/2 K Pade 325

RECEIVED
AUG 20 1985
DEPT. OF WATER RESOURCES

11) TYPE PUMP:
☐ Turbine ☐ Jet X Submersible ☐ Cylinder
☐ Other ____
Depth to pump bowls, cylinder, jet, etc. Owner set Pump ? ft.

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

(Use reverse side if necessary)

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? ☐ 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.

COMPANY NAME Allweather W.W.S. (Type or Print) Water Well Driller's License No. 1929

ADDRESS 25330 Richard Rd (Street or RFD) Spring (City) Tx (State) 77386 (Zip)

(Signed) O.R. Billings (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. 65-17-7M
Located on map USGS C.F.S.

DWR 0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 88 **Distance from Property: 1.86 mi. NNE**

WELL ID:	**2910**
OWNERS NAME:	**CROZIER-NELSON CHEM. & CONST.**
YEAR DRILLED:	**1981**
DEPTH DRILLED:	**NOT REPORTED**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.344759000**
LATITUDE:	**29.795016000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 89 **Distance from Property: 1.87 mi. NNE**

STATE ID:	**65-14-407**
OWNER'S NAME:	**HUNT-WESSON FOODS, INC WELL #3**
DATE DRILLED:	**00/00/1946**
DEPTH DRILLED:	**782'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.343430000**
LATITUDE:	**29.794800000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514407/6514407.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 407 Previous Well Number - 664 County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 47 39 Longitude - 95 20 36 Source of Coords - 1

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

Owner - Hunt-Wesson Foods, Inc
Well #3
Driller - Layne Texas

Address _____ Tenant/Oper. _____
Date Drilled - / /1946 Depth - 782 ft. Source of Depth - Altitude - 53 ft. Source of Alt. -
Aquifer - 112CEVG CHICOT AND EVANGELINE AQUIFERS
Well Type - W User -

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

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- PUBLIC SUPPLY Secondary- INDUSTRIAL Tertiary- _____

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

WATER LEVELS
Date- 09/03/1946 Measurement- -145.30
Date- 01/11/1979 Measurement- -425.00

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -
REMARKS -
115 ft of screen between 464 and
767 ft.

| 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 - 112CEVG
Well No. - 65 14 407

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

WRD Exp. (GW)
April 1966

Well No. JT-65-14-407

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by S.D. McAdoo C.F. Follett 1946 Source of data F. log Date 1-19-68 Map 1:24000 Scott east 1955

State Texas (48) County (or town) Harris (LJ)

Latitude: 29 47 38 N (deg min sec) Longitude: 095 20 35 (degrees min sec) Sequential number: 1

Lat-long accuracy: 1 T. ____ N/S, R ____ E/W, Sec ____, ____, ____, ____

Local well number: JT-65-14-407 Other number: B & M 664 = 3

Local use: ____ Owner or name: Hunt-Wesson Foods, Inc.

Owner or name: HUNT FOODS 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 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, (Φ) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed — W

DATA AVAILABLE: Well data 2 Freq. W/L meas.: 1946-1968 Conventional 5 Field aquifer char.

Hyd. lab. data: ____

Qual. water data: type: ____

Freq. sampling: None Pumpage inventory: yes / no, period: ____

Aperture cards: ____ yes

Log date: E. Log (U-27) E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 782 ft 782 Meas. (est) Driller accuracy 3

Depth cased: (first perf.) 464 ft 464 Casing type: S; Diam. 14-7 in 14

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, 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) wash, other ____ H

Date Drilled: Aug 1946 9 4 6 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, other T Use Shallow D

Power (type): diesel, elec, nat gas, gasoline, hand, gas, wind; LP; H.P. 50 Y Trans. or meter no. ____

Descrip. MP ____ ft above below LSD, Alt. MP ____

Alt. LSD: 53 53 Accuracy: (source) Topo 5' 3

Water Level 157 ft above (below) MP; Ft above LSD 157 Accuracy: Dept. rep

Date meas: Aug. 1946 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. JT-65-14-407

Well No. LT-65-14-407

Latitude-longitude 29 d, 47 m, 38 s N; 95 d, 29 m, 35.1 s W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD [1 19] Physiographic Province: Coastal Plain [20 21] 03 Section: [22] E

Drainage Basin: [23 25] 11R 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: 115 ft [38 40] 115 Depth to top of: ft [41 43]

MINOR AQUIFER: system, series [44 45] Q aquifer, formation, group [46 47] CL

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: 464-501 (37); 502-522 (20); 684-715 (31); 717-734 (17); 757-767 (10).

Depth to consolidated rock: ft [60 62] Source of data: [64]

Depth to basement: ft [63 65] 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]

455 of 14" O.D. Pipe

116' Lap of 7" Liner in 18" Csg.

340 Top of 7" Liner.

P/L = 242'

10 min recovery = 157'.

GPO 857-700

Well No. LT-65-14-407

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 89 **Distance from Property: 1.87 mi. NNE**

STATE ID:	**65-14-425**
OWNER'S NAME:	**HUNT-WESSON FOODS, INC**
DATE DRILLED:	**00/00/1928**
DEPTH DRILLED:	**834'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.343430000**
LATITUDE:	**29.794830000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514425/6514425.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 425 Previous Well Number -
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 47 38 County - Harris 201
Longitude - 95 20 40 Source of Coords - 2

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

Owner - Hunt-Wesson Foods, Inc Driller - Layne Texas

Address _____
Date Drilled - / /1928 Depth - 834 ft. Source of Depth - Tenant/Oper. _____
Aquifer - 112CEVG CHICOT AND EVANGELINE AQUIFERS Altitude - 53 ft. Source of Alt. -
WELL CONSTRUCTION Const. Method - _____ Well Type - W User -
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- M Quality- Y Logs- Other Data-

WATER LEVELS Date- 01/14/1931 Measurement- -62.90
Date- 06/02/1947 Measurement- -141.90

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -
REMARKS -
141 ft of screen between 485 and
824 ft. Reported yield 525 gpm with
50 ft drawdown when drilled. Well
destroyed. Well 2.

| 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 - 112CEVG
Well No. - 65 14 425

MAP ID# 89 **Distance from Property: 1.87 mi. NNE**

STATE ID:	**65-14-408**
OWNER'S NAME:	**HUNT-WESSON FOODS, INC WELL #4**
DATE DRILLED:	**09/00/1948**
DEPTH DRILLED:	**1022'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.343450000**
LATITUDE:	**29.794810000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514408/6514408.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 408 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 47 44 Longitude - 95 20 38 Source of Coords - 2

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

Owner - Hunt-Wesson Foods, Inc
Well #4
Driller - Layne Texas

Address _____ Tenant/Oper. _____
Date Drilled - 09/ /1948 Depth - 1,022 ft. Source of Depth - D Altitude - 52 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
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- 01/22/1999

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 121EVGL
Well No. - 65 14 408

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 90 **Distance from Property: 1.87 mi. ENE**

ID NUMBER:	**TX181648**
STATE ID :	**N/A**
OWNER NAME:	**GEORGE FERGUSON**
DATE DRILLED:	**09/12/1962**
DEPTH DRILLED:	**178'**
STATIC LEVEL:	**115'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.325548000**
LATITUDE:	**29.784548000**

1 PAGE(S) OF DRILLERS' LOGS

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 11-0
Map no.

1) Well Owner: George Ferguson 4420 Gutman Houston
2) Land Owner:
3) Intended use: Industrial ☐ ;Municipal ☐ ;Irrigation ☒ ;Other Home
4) Location of well: County Harris Labor League Abstract No.
NW¼ NE¼ SW¼ SE¼ of Section Block No. Survey

miles in direction
from

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 Sept 12-1962

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	10	Surface			
10	30	Yellow clay			
30	140	Red clay			
140	155	Blue clay.			
155	178	Hard packed Sand			

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION

Straight wall ☒
Under reamed ☐
Gravel packed ☐
Open hole ☐
Other

CASING

Type: Old ☐ New ☒
Cemented from ft.
to ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
2"	0	178

SCREEN

Type Bar Slug
Perforated ☒ Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (ft)
2"	170	178

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

Driller 12401 Kayla Houston Reg. No. 241

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 115'
ft. below

Pumping level

feet	hours	gpm

Pump type Deep well Jet
Designed pumping rate 300 gpm ☐ gph ☒
Type power unit Electric
Horsepower 1
Depth to bowls, cylinder, jet, etc., 145' ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company:

C-34 (62-4)

TX6502241109

181648

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 91 **Distance from Property: 1.88 mi. NE**

STATE ID:	**65-14-738**
OWNER'S NAME:	**HARRIS-GALVESTON SUBSIDENCE DISTRICT**
DATE DRILLED:	**00/00/1980**
DEPTH DRILLED:	**487'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.334100000**
LATITUDE:	**29.791620000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514738/6514738.pdf**

WRD Exp. (GW)
April 1966

Well No. LT-65-14-738

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by RS SONENSHEIN | Source of data DRILLER & OBS | Date 2-13-80 | Map SETTEGAST, TX 1967 1:24,000

State TEXAS 48 | County (or town) HARRIS 201

Latitude: 29 47 28 N | Longitude: 095 20 01 | Sequential number: 3

Lat-long accuracy: 1 | T ____ S, R ____ W, Sec ____, ¼, ¼, ¼

Local well number: LJ-65-14-738 | Other number: NORTHEAST No. 4 B & M

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) PS, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-PS, (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. — O

DATA AVAILABLE: Well data L | Freq. W/L meas.: MONTHLY M | Field aquifer char. T

Hyd. lab. data:

Qual. water data; type: partial — P

Freq. sampling: ORIGINAL O | Pumpage inventory: yes (no) | period:

Aperture cards: yes

Log data: DRILLER'S — D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD | Depth well: 487 ft | 487 | Meas. rept | accuracy 3

Depth cased; (first perf.) 472 ft | 472 | 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) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other — H

Date Drilled: FEB 1980 | 980 | Pump intake setting: NONE ft

Driller: O'DAY DRLG CO (name), PEARLAND, 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): nat diesel, elec, gas, gasoline, hand, LP gas, wind; H.P. — | Trans. or meter no.

Descrip. MP Top of casing +2.0 ft above below LSD, Alt. MP

Alt. LSD: 49 | 49 | Accuracy: (source) 5' TOPO | 3

Water Level 264.69 ft above below MP; Ft above below LSD | 265 | Accuracy: steel tape | A

Date meas: 3-18-80 | 380 | Yield: 7.5 gpm | 8 | Method determined | 1

Drawdown: ft | Accuracy: | Pumping period hrs

QUALITY OF WATER DATA: Iron ppm | pH 8.7 | 9 | Chloride ppm | HCO3 ppm 200 | 5

Sp. Conduct 500 K x 10⁶ | 3 | Temp. 73.5 °F | 73 | Date sampled 2-15-80 | 280

Taste, color, etc.

Well No.

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Well No. LJ-65-14-738

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, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat — [27] = F

MAJOR AQUIFER: ____ system, ____ series [28][29] = Q — Chicot aquifer, formation, group [30][31] = C

Lithology: ____ [32][33] = 5 Origin: ____ [34] = 3 Aquifer Thickness: 66 ft

[35][37] = 66 Length of well open to: 10 ft [38][40] = 10 Depth to top of: 476 ft [41][43] = 476

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: 472-482 SSWW No 10 ga 2½" OD

Depth to consolidated rock: ____ ft [60][63] ____ Source of data: ____ [64] ____

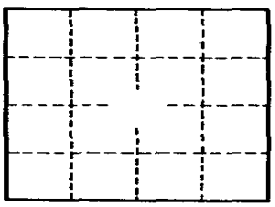
Depth to basement: ____ ft [65][68] ____ Source of data: ____ [69] ____

Surficial material: ____ [70][71] ____ Infiltration characteristics: ____ [72] ____

Coefficient Trans: 157 gpd/ft [73][75] = 161 Coefficient Storage: ____ [76][78] ____

Coefficient Perm: ____ gpd/ft²; Spec cap: ____ gpm/ft; Number of geologic cards: ____ [79]

sample for water quality obtained by jetting with air



Well No.

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 91 **Distance from Property: 1.88 mi. NE**

STATE ID:	**65-14-742**
OWNER'S NAME:	**HARRIS-GALVESTON COAST SUBSIDENCE DIST.,N.E.**
DATE DRILLED:	**00/00/1980**
DEPTH DRILLED:	**1033'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.334100000**
LATITUDE:	**29.791620000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514742/6514742.pdf**

WRD Exp. (GW)
April 1966

Well No. LJ-65-14-742

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by RS SONENSHEIN Source of data DRILLER'S LOG Date 2-21-80 Map SETTEGAST, TX 1967 1:24,000

State TEXAS 48 County (or town) HARRIS LJ

Latitude: 29 47 28 N/S Longitude: 095 20 01 Sequential number: 4

Lat-long accuracy: 10 T ____ N/S, R ____ E/W, Sec ____, ¼, ¼, ¼ ____

Local well number: LJ-65-14-742 Other number: NORTHEAST NO. 3 B & M

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) Irr, (I) Ind, (M) Med, (N) P S, (P) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — 4

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Ø) Obs, (O) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed. — Ø

DATA AVAILABLE: Well data 7 Freq. W/L meas.: MONTHLY M Field aquifer char. 1

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 log D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1035 ft 1035 Meas. rept ____ 3

Depth cased; (first perf.) 1020 ft 1020 Casing type: STEEL ; Diam. 4½-2½ in accuracy ____ 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 ____ 5

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, rotary, (R) reverse trenching, (V) driven, (W) drive wash, (Z) other ____ H

Date Drilled: Feb 1980 9 80 Pump intake setting: NONE ft ____

Driller: O'DAY DRLG Co. name, PEARLAND, TX address

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) hone, (P) piston, (R) rot, (S) submerg, (T) turb, 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 +2.0 ft above below LSD, Alt. MP ____

Alt. LSD: 19 19 Accuracy: (source) 5' TOPO 3

Water Level 326.10 ft above below MP; Ft above below LSD 326 Accuracy: steel tape A

Date meas: 4-24-80 4 80 Yield: 8.5 gpm 9 Method determined 1

Drawdown: ____ ft Accuracy: ____ Pumping period ____ hrs ____

QUALITY OF WATER DATA: Iron ____ ppm Sulfate pH 8.7 ppm 9 Chloride ____ ppm Hard. HCO3 200 ppm 7

Sp. Conduct 500 k x 10⁶ 3 Temp. 76 °F 76 Date sampled 2-23-80 280

Taste, color, etc. ____

Well No.

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Well No. LJ-65-14-242

Latitude-longitude ___ ___ ___ N/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) 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) F

MAJOR AQUIFER: ___ system, ___ series (28-29) TF EVANGELINE aquifer, formation, group (30-31) E

Lithology: (32-33) 5 | Origin: (34) 3 | Aquifer Thickness: 39 ft

(35-37) 39 Length of well open to: 10 ft (38-40) 1010 Depth to top of: 1010 ft (41-43) 401

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: 1020-1030 SSLW 140.10 ga 2½" OD

Depth to consolidated rock: ___ ft (60-63) ___ | Source of data: ___ (64) ___

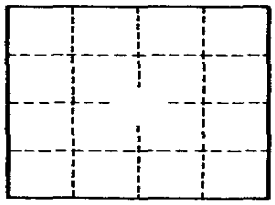
Depth to basement: ___ ft (65-68) ___ | Source of data: ___ (69) ___

Surficial material: ___ (70-71) ___ | Infiltration characteristics: ___ (72) ___

Coefficient Trans: 326 gpd/ft (73-75) 321 | Coefficient Storage: ___ (76-78) ___

Coefficient Perm: ___ gpd/ft²; Spec cap: ___ gpm/ft; Number of geologic cards: ___ (79)

Sample for water quality obtained by jetting with air



WELL NO.

GPO 857–700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 91 **Distance from Property: 1.88 mi. NE**

STATE ID:	**65-14-745**
OWNER'S NAME:	**HARRIS-GALVESTON COAST SUBSIDENCE DIST.,N.E.**
DATE DRILLED:	**00/00/1980**
DEPTH DRILLED:	**299'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.334100000**
LATITUDE:	**29.791620000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514745/6514745.pdf**

WRD Exp. (GW)
April 1966

Well No. 45-65-14-745

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by RS SONENSHEIN Source of data DRILLER & OBS Date 2-26-80 Map 1:24,000 SETTEGAST, TEX 1967

State TEXAS 48 County (or town) HARRIS 45

Latitude: 29 47 28 N Longitude: 095 20 01 W Sequential number: 5

Lat-long accuracy: 1 (1/60 min)

T ____ S, R ____ W, Sec ____, ____ ¼, ____ ¼, ____ ¼ B & M

Local well number: 45-65-14-745 Other number: NORTHEAST NO. 5

Local use: Owner or name: HARRIS-GALVESTON COASTAL SUBS. DRAINAGE DISTRICT

Owner or name: HGCSD Address: 173- NASA RD 1

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — S

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Irr, (I) Med, (M) Ind, (N) P S, (P) Rec, (R) Stock, (S) Instit, (T) Unused, (U) Repressure, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) Other — U

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (Ø) Oil-gas, (P) Recharge, (R) Test, (T) Unused, (U) Withdraw, (W) Waste, (X) Destroyed. — Ø

DATA AVAILABLE: Well data 2 Freq. W/L meas.: MONTHLY M Field aquifer char. 1

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 log D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 298 ft 298 Meas. rept 3

Depth cased; (first perf.) 283 ft 283 Casing type: steel ; Diam. 4½-2½ in accuracy 4

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 — 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: Feb 1980 9 80 Pump intake setting: NONE ft

Driller: O'DAY DRLG Co (name), PEARLAND, TX (address)

Lift (type): (A) air, (B) bucket, cent, (C) cent., (J) jet, (L) multiple, (M) multiple, (N) none, piston, rot, submerg, turb, (P) turb., (R) other — N Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. nat LP Trans. or meter no.

Descrip. MP top of csng +2.0 ft above below LSD, Alt. MP

Alt. LSD: 49 49 Accuracy: (source) 5' TOPO 3

Water Level 163.40 ft above below MP; Ft above below LSD 163 Accuracy: steel tape A

Date meas: 4-24-80 480 Yield: 9 gpm 9 Method determined 1

Drawdown: ft Accuracy: Pumping period hrs

QUALITY OF WATER DATA: Iron ppm Hardness 8.4 ppm 8 Chloride ppm HCO3 Hard. 240 ppm 6

Sp. Conduct 500 K x 10⁶ 3 Temp. 71 °F 71 Date sampled 2-27-80 280

Taste, color, etc.

Well No.

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Well No. LJ-65-14-745

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, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat — (27) F

MAJOR AQUIFER: ____ system, ____ series (28, 29) Q ____ aquifer, formation, group (30, 31) C

Lithology: ____ (32, 33) S Origin: ____ (34) 3 Aquifer Thickness: 37 ft

(35, 37) 37 Length of well open to: 10 ft (38, 40) 190 Depth to top of: 277 ft (41, 43) 277

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: 10 ft (54, 56) ____ Depth to top of: ____ ft (57, 59) ____

Intervals Screened: 283 - 293 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: 53 gpd/ft (73, 75) 500 Coefficient Storage: ____ (76, 78) ____

Coefficient Perm: ____ gpd/ft²; Spec cap: ____ gpm/ft; Number of geologic cards: ____ (79) ____

sample for water quality obtained by jetting with air

Well No.

GPO 857-700

Layne-Western Company, Inc. A Marley Company

P.O. Box 79009 · Houston, Texas 77079 · 713/466-5001

L O G – WELL #5 NORTHEAST PLANT SITE

0	3	Top Soil
3	60	Clay
60	80	Sand
80	100	Clay
100	140	Sand
140	170	Clay
170	175	Sand
175	182	Clay
182	247	Sand
247	286	Clay
286	302	Sand

Layne

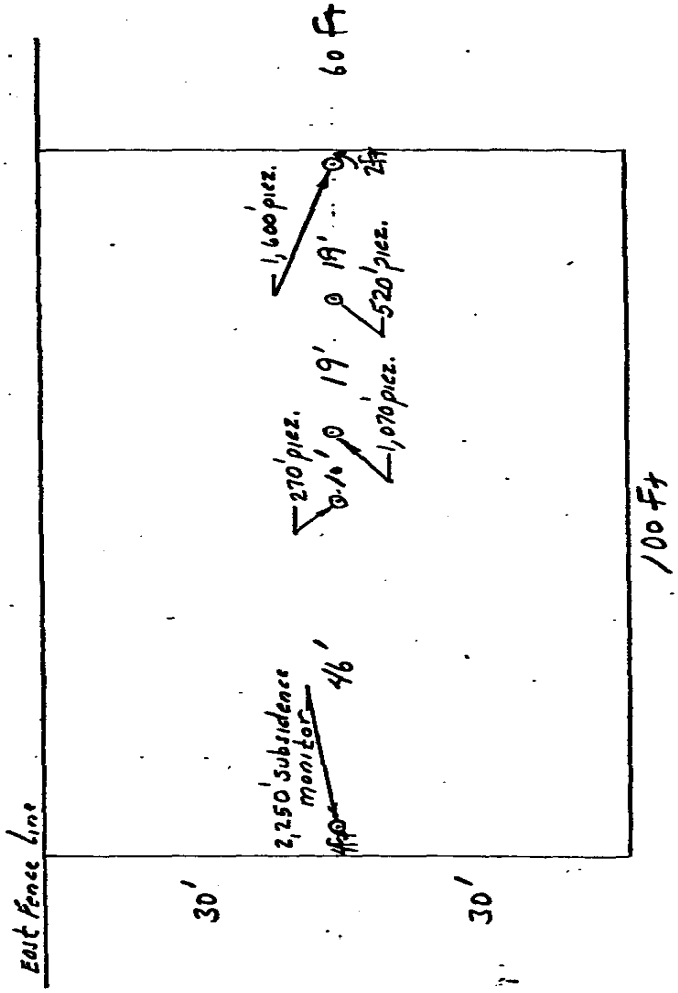
EXHIBIT C

SUBSIDENCE MONITOR/PIEZOMETERS
WELL SYSTEM CONSTRUCTION SITE

NORTHEAST

The construction site is located adjacent to the easterly boundary of the City of Houston Northeast Well Field Plant Yard; said Plant Yard being a tract of land located in the J. S. Collins Survey, Abstract 15, bounded on the north side by Brill Street, on the east side by Tuffly Park, and on the west side by Linn Street.

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967



Northeast Side

Layout of piezometer and Subsidence Monitor

Scale: 1" = 20 feet

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 91 **Distance from Property: 1.88 mi. NE**

STATE ID:	**65-14-746**
OWNER'S NAME:	**HARRIS-GALVESTON COAST SUBSIDENCE DIST.,N.E.**
DATE DRILLED:	**00/00/1980**
DEPTH DRILLED:	**2170'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.334100000**
LATITUDE:	**29.791620000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514746/6514746.pdf**

WRD Exp. (GW)
April 1966

Well No. LJ-65-14-746

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

1:24,000

Record by SONENSHEIN Source of data OBS & DRILLER Date 4-28-80 Map SETTEGAST, TX 1967

State TEXAS 48 County (or town) HARRIS LJ

Latitude: 29 47 27.8 N Longitude: 095 20 01 Sequential number: 6

Lat-long accuracy: T S, R W, Sec , , , ,

Local well number: LJ-65-14-746 Other number: NORTHEAST NO. 1 EXTENSOMETER B & M HARRIS-GALVESTON COASTAL

Local use: Owner or name: 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 S

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) Stock, (S) 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. O

DATA AVAILABLE: Well data 2 Freq. W/L meas.: MONTHLY M Field aquifer char. T

Hyd. lab. data:

Qual. water data; type: partial

Freq. sampling: ORIGINAL O Pumpage inventory: yes (no) period:

Aperture cards: yes

Log data: DRILLER'S, CALIPER, INDUCTION & MICRO ELECTRIC, SONIC, GAMMA, NEUTRON, DENSITY Y S

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 2170 ft 2170 Meas. rept accuracy 4

Depth cased; (first perf.) 2099 ft 2099 Casing type: steel ; Diam. 5½ / in S

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 S

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, rotary, (R) reverse trenching, (T) driven, (V) drive wash, (Z) other H

Date Drilled: APR 1980 9 8 0 Pump intake setting: NONE ft

Driller: LAYNE-TEXAS 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, submerg, (S) turb, (T) other, (Z) W Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; nat LP H.P. Trans. or meter no.

Descrip. MP Plug in 5" OSNG + 2.0 ft above below LSD, Alt. MP

Alt. LSD: 49 49 Accuracy: (source) 5' TOPO 3

Water Level 394.93 ft above below MP; Ft above below LSD 399 Accuracy: steel tape A

Date meas: 5-27-80 5 8 0 Yield: 18.5 gpm 19 Method determined I

Drawdown: ft Accuracy: Pumping period hrs

QUALITY OF WATER DATA: Iron ppm Silica 9.0 ppm Chloride ppm HCO3 Hard. ppm

Sp. Conduct K x 10⁶ Temp. 79 °F 79 Date sampled 4-25-80 4 8 0

Taste, color, etc.

Well No.

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Well No. LF-65-14-746

Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (19) Physiographic Province: (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, (Q) 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: 61 ft

(35-37) 61 Length of well open to: 20 ft (38-40) 210 Depth to top of: 2085 ft (41-43) 309

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: 2099-2119 SSWW NO.12 GAUGE 5½" 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: 74 gpd/ft (73-75) 740 Coefficient Storage: (76-78)

Coefficient Perm: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards: (79)

sample for water quality obtained by jetting with air

initial hole drilled to 2250 - filled in bottom hole with cement plug to 2170

5½" csng to 2170 with slip joint from 2141 to 2149.5 ft

Well No.

GPO 857-700

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. 65-14-7 J
Located on map yes
Received: 7/7

1) OWNER Harris-Galveston Coastal Subsidence District (Name) Address P. O. Box 58847 (Street or RFD) Houston, Texas (City) (State) 77058 (Zip)

2) LOCATION OF WELL: County Harris 5 miles in N.E. (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 3-10-80

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
7-7/8	Surface	299

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	279	.237
2½	N	Steel	269	284	
2½	N	SST Screen	284	294	
2½	N	Steel	294	299	

CEMENTING DATA
Cemented from 0 ft. to 279 ft.
Method used Pressure
Cemented by O'Day Drilling (Company or Individual)

9) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Lead Depth 269

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)

(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.

65-14-746

TDWR-0392 (Rev. 1-12-79) DEPARTMENT OF WATER RESOURCES COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 91 **Distance from Property: 1.88 mi. NE**

STATE ID:	**65-14-759**
OWNER'S NAME:	**CITY OF HOUSTON NORTHEAST #2**
DATE DRILLED:	**00/00/1938**
DEPTH DRILLED:	**1291'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.334100000**
LATITUDE:	**29.791620000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514759/6514759.pdf**

WRD Exp. (GW)
April 1966

Well No. LJ-65-14-759

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD (T. BROWN) (7-1941)

Record by N.A.R. & W.F.G. Source of data FILES Date 2-20-68 Map 1:24000 Sept 31 1955

State Texas 48 County (or town) Harris LJ

Latitude: 29 47 28 N/S Longitude: 095 20 01 E/W Sequential number: 1

Lat-long accuracy: 1 T. ___ S, R ___ W, Sec ___, ___, ___, ___

Local well number: LJ-65-14-759 Other number: WELL # 2 1895 in 559-C B & M

Local use: ___ Owner or name: CITY OF HOUSTON

Owner or name: CITY & F HOUST ON Address: NORTHEAST 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, Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (M) 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. 1964. — U

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Rec, (O) Obs, (Q) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed — U

DATA AVAILABLE: Well data 1 Freq. W/L meas.: 1938-1967; 1972 Semiannual S Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 8-17-38-63 I Pumpage inventory: yes / no. period:

Aperture cards: yes

Log data: E-LOG U-28 E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1291 ft 1219 Meas. (Est) Driller 3

Depth cased; (first perf.) 461 ft 461 Casing type: STEEL ; Diam 21"-12" accuracy 2 I

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 — LJ

Date Drilled: 1938 9 3 8 Pump intake setting: ___ ft

Driller: LAYNE-TEXAS Co. (name), HOUSTON, TEX. (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 — W Deep / Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; nat, LP, B.F. FORMERLY 150 HP T-E Trans. or meter no.

Descrip. MP ___ ft above/below LSD. Alt. MP ___

Alt. LSD: 49' 49 Accuracy: (source) 5' TOPO 3

Water Level ___ ft above/below MP; ___ Ft above/below LSD Accuracy:

Date meas: Jan. 1942 Yield: 2010 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-65-14-759

Well No. LJ-65-14-759

Latitude-longitude 27 d 47 m 28 s S 095 d 20 m 01 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD [1] [19] Physiographic Province: COASTAL PLAIN [03] [20-21] Section: [22]

[E] [22] Drainage Basin: [5112] [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: 404 ft [38-40] [404] 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: 461-534, 622-884, 1015-1036, 1114-1135, 1245-1279

Depth to consolidated rock: ____ ft [60-63] Source of data: [64]

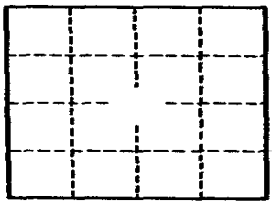
Depth to basement: ____ ft [65-68] Source of data: [69]

Surficial material: [70-71] Infiltration characteristics: [72]

Coefficient Trans: ____ gpd/ft [73-75] Coefficient Storage: [76-78]

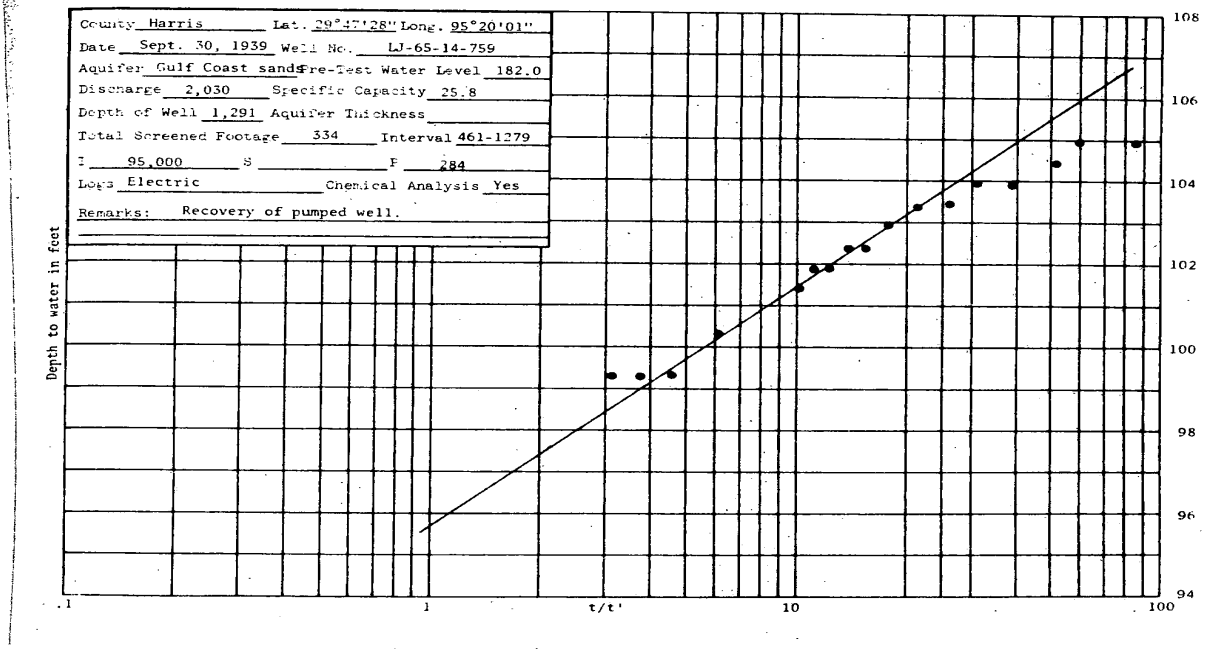
Coefficient Perm: ____ gpd/ft^2; Spec cap: ____ gpm/ft; Number of geologic cards: [79]

375 ft. of 21½" csg.
and 916 ft. 12¾ inch
Gravel wall



Well No. LJ-65-14-759

GPO 857-700


County Harris Lat. 29°47'28" Long. 95°20'01"
Date Sept. 30, 1939 Well No. LJ-65-14-759
Aquifer Gulf Coast sands Pre-Test Water Level 182.0
Discharge 2,030 Specific Capacity 25.8
Depth of Well 1,291 Aquifer Thickness
Total Screened Footage 334 Interval 461-1279
T 95,000 S F 284
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
108
106
104
102
100
98
96
94
.1
1
t/t'
10
100

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 91 **Distance from Property: 1.88 mi. NE**

STATE ID:	**65-14-727**
OWNER'S NAME:	**CITY OF HOUSTON NORTHEAST**
DATE DRILLED:	**00/00/1931**
DEPTH DRILLED:	**1876'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.334100000**
LATITUDE:	**29.791630000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514727/6514727.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514727 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294728 **Longitude** 952005 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
City of Houston
Northeast

Driller
McMasters and
Pomeroy

Address _____ **Tenant/Oper.** _____

Date Drilled / /1931 **Depth** 1876 **Source of Depth** **Altitude** 49 **Source of Alt.**

Well Type W **User** 396200

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 -** M **Quality -** Y **Logs -** **Other Data -** AC

WATER LEVELS 2 measurements
1932 to 1962
MIN -241 MAX -15

Recorded By _____ **Date Record Collected or Updated -** / /

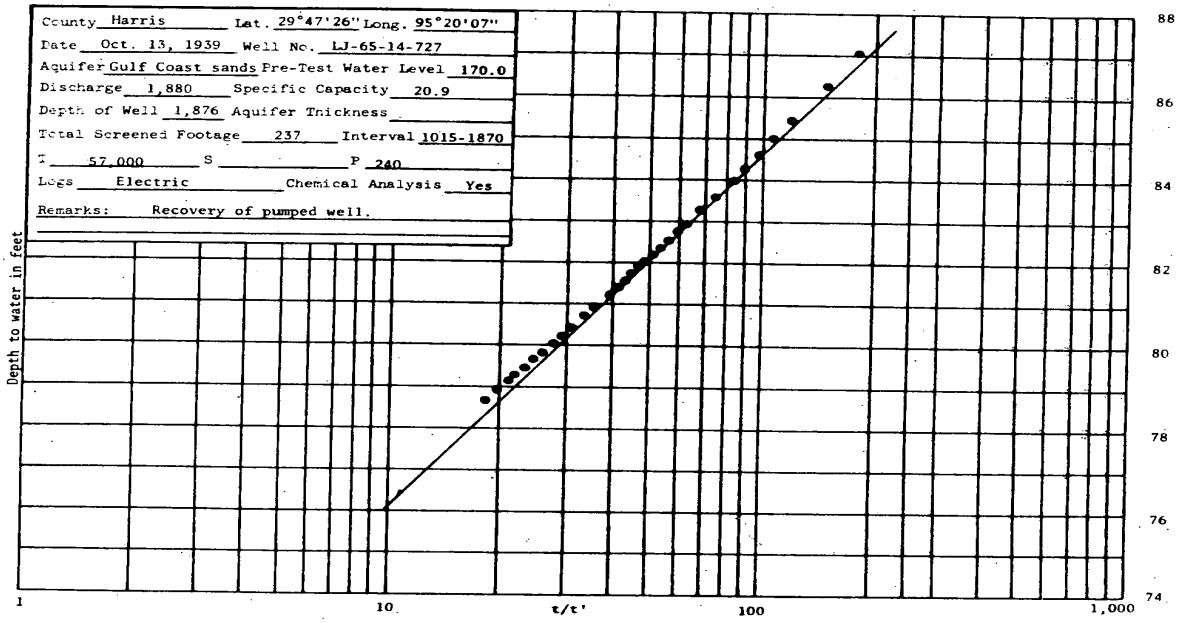
Reporting Agency

REMARKS -
235 ft of screen between 1015 and 1870 ft. Yield 2260 gpm in Jan. 1942. Reported flowed when drilled . Well 1. Aquifer test data in TWDB R-98.

Aquifer - 121EVGL **ID -** 15
EVANGELINE AQUIFER

Tuesday, August 08, 2006

Well Number - 6514727


County Harris Lat. 29°47'26" Long. 95°20'07"
Date Oct. 13, 1939 Well No. LJ-65-14-727
Aquifer Gulf Coast sands Pre-Test Water Level 170.0
Discharge 1,880 Specific Capacity 20.9
Depth of Well 1,876 Aquifer Thickness
Total Screened Footage 237 Interval 1015-1870
T 57,000 S P 240
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
88
86
84
82
80
78
76
74
1
10
t/t'
100
1,000

WATER UTILITY DATABASE (WUD)

MAP ID# 91 **Distance from Property: 1.88 mi. NE**

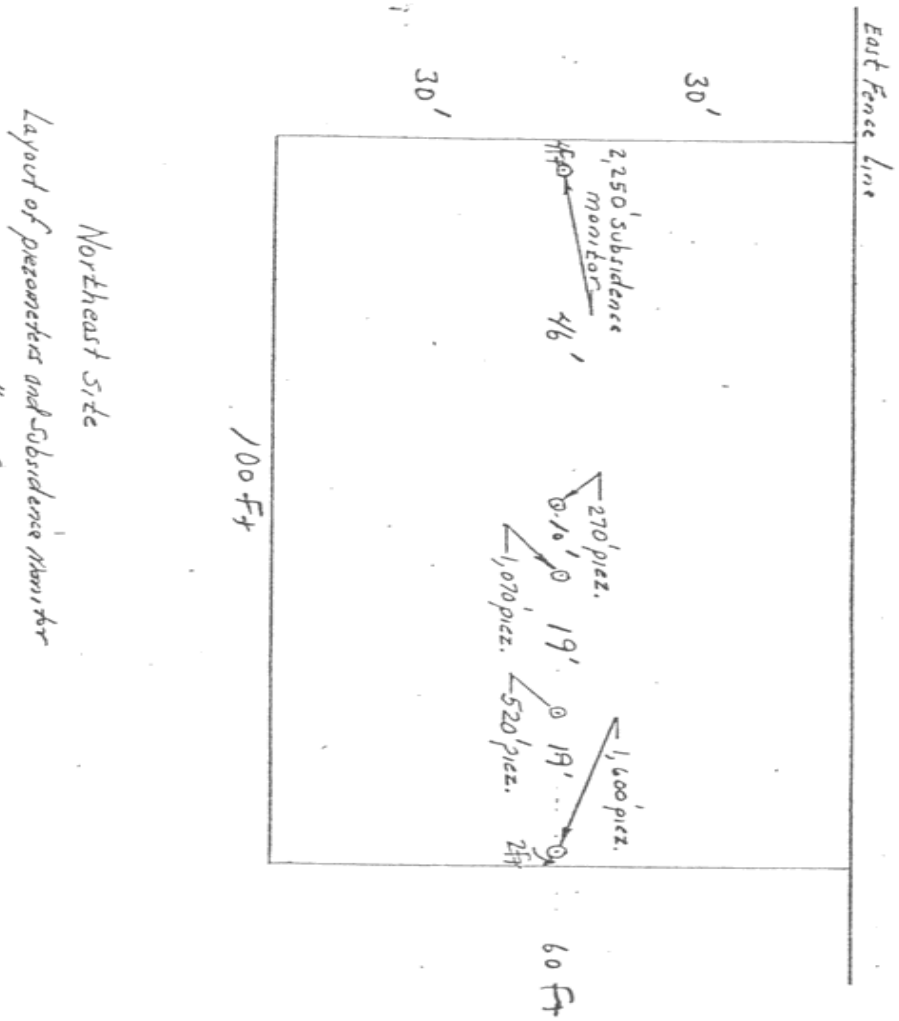
PWSID:	**1010013**
SOURCE ID:	**G1010013HH**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1938**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.334167480**
LATITUDE:	**29.791110990**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 91 **Distance from Property: 1.88 mi. NE**

ID NUMBER:	**TX205388**
STATE ID :	**65-14-7J**
OWNER NAME:	**HARRIS-GALVESTON SUBSIDENCE DISTRICT**
DATE DRILLED:	**02/29/1980**
DEPTH DRILLED:	**487'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**TEST WELL**
LONGITUDE:	**-95.334100000**
LATITUDE:	**29.791620000**

5 PAGE(S) OF DRILLERS' LOGS


East Fence Line
30'
30'
2,250' Subsidence monitor
46'
270' piez.
10'
1,070' piez.
19'
520' piez.
19'
1,600' piez.
100 Ft
60 Ft
Northeast Site
Layout of piezometer and subsidence monitor
Scale: 1" = 20 feet

HOUSTON
WEST UNIVERSITY PLACE

EXHIBIT C

SUBSIDENCE MONITOR/PIEZOMETERS
WELL SYSTEM CONSTRUCTION SITE

NORTHEAST

The construction site is located adjacent to the easterly boundary of the City of Houston Northeast Well Field Plant Yard; said Plant Yard being a tract of land located in the J. S. Collins Survey, Abstract 15, bounded on the north side by Brill Street, on the east side by Tuffly Park, and on the west side by Linn Street.

IV.9

Layne-Western Company, Inc. A Marley Company

P.O. Box 79009 · Houston, Texas 77079 · 713/466-5001

L O G – WELL #4 NORTHEAST PLANT SITE

0	3	Top Soil
3	15	Clay
15	20	Sand
20	35	Clay
35	40	Sand
40	130	Clay
130	140	Sand
140	169	Clay
169	175	Sand
175	180	Clay
180	243	Sand
243	270	Clay
270	301	Sand
301	360	Clay
360	379	Sand
379	385	Clay
385	401	Sand
401	415	Clay
415	430	Sand
430	445	Clay
445	488	Sand
488	490	Clay

Layne

WATER SUPPLY SERVICES

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. 65-14-7J
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 N.E. (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: #4 Date drilled 2-29-80

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
7-7/8	Surface	487

From (ft.) | To (ft.) | Description and color of formation material

See Attached

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	467	.237
2½	N	Steel	457	472	
2½	N	SST Screen	472	482	
2½	N	Steel	482	487	

CEMENTING DATA
Cemented from 0 ft. to 467 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 457

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
JUN 10 1980
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 James O'Connor (Type or Print) Water Well Drillers Registration No. 999

ADDRESS 5931 Brittmoore (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

K. R.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 91 **Distance from Property: 1.88 mi. NE**

ID NUMBER:	**TX205389**
STATE ID :	**65-14-7J**
OWNER NAME:	**HARRIS-GALVESTON SUBSIDENCE DISTRICT**
DATE DRILLED:	**02/15/1980**
DEPTH DRILLED:	**1033'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**TEST WELL**
LONGITUDE:	**-95.334100000**
LATITUDE:	**29.791630000**

2 PAGE(S) OF DRILLERS' LOGS

Layne-Western Company, Inc. A Marley Company

P.O. Box 79009 · Houston, Texas 77079 · 713/466-5001

L O G - WELL #3 NORTHEAST PLANT SITE

0	3	Top Soil
3	60	Clay
60	80	Sand
80	100	Clay
100	140	Sand
140	170	Clay
170	175	Sand
175	182	Clay
182	245	Sand
245	270	Clay
270	300	Sand
300	360	Clay
360	380	Sand
380	385	Clay
385	400	Sand
400	415	Clay
415	430	Sand
430	445	Clay
445	490	Sand
490	530	Clay
530	540	Sand
540	575	Clay
575	600	Sand
600	620	Clay
620	660	Sand
660	715	Clay
715	730	Sand
730	775	Clay
775	780	Sand
780	815	Clay
815	850	Sand
850	895	Clay
895	910	Sand
910	935	Clay
935	970	Sand
970	1009	Clay
1009	1036	Sand

Layne WATER SUPPLY SERVICES

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. 65-14-704
Located on map YES
Received: TH

1) OWNER Harris-Galveston Coastal Subsidence District (Name) Address P. O. Box 58847 (Street or RFD) Houston, Texas 77041 (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 5 miles in N.E. (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: #3 Date drilled 2-15-80

DIAMETER OF HOLE	Dia. (in.)	From (ft.)	To (ft.)
	7-7/8	Surface	1033

From (ft.)	To (ft.)	Description and color of formation material
		See Attached

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	1013	.237
2½	N	Steel	1003	1018	
2½	N	SST Screen	1018	1028	
2½	N	Steel	1028	1033	

CEMENTING DATA
Cemented from 0 ft. to 1013 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 1003

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

(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 James O'Connor (Type or Print) Water Well Drillers Registration No. 222

ADDRESS 5931 Brittmoore (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

K R

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 91 **Distance from Property: 1.88 mi. NE**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294728095200103**
STATION NAME: **LJ-65-14-738 (NORTHEAST PIEZOMETER NO. 4)**
SITE TYPE: **GW**
LATITUDE: **29.791630000** LONGITUDE: **-95.334100000**
DATE DRILLED: **02/15/1980**
WELL DEPTH: **487 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **CHICOT AQUIFER**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 91 **Distance from Property: 1.88 mi. NE**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294728095200101**
STATION NAME: **LJ-65-14-759**
SITE TYPE: **GW**
LATITUDE: **29.791630000** LONGITUDE: **-95.334100000**
DATE DRILLED: **01/01/1938**
WELL DEPTH: **1291 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 91 **Distance from Property: 1.88 mi. NE**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294728095200102**
STATION NAME: **LJ-65-14-735**
SITE TYPE: **GW**
LATITUDE: **29.791630000** LONGITUDE: **-95.334100000**
DATE DRILLED: **02/01/1980**
WELL DEPTH: **1596 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 91 **Distance from Property: 1.88 mi. NE**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294728095200104**
STATION NAME: **LJ-65-14-742**
SITE TYPE: **GW**
LATITUDE: **29.791630000** LONGITUDE: **-95.334100000**
DATE DRILLED: **02/15/1980**
WELL DEPTH: **1035 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 91 **Distance from Property: 1.88 mi. NE**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294728095200105**
STATION NAME: **LJ-65-14-745**
SITE TYPE: **GW**
LATITUDE: **29.791630000** LONGITUDE: **-95.334100000**
DATE DRILLED: **02/01/1980**
WELL DEPTH: **298 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **CHICOT AQUIFER**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 91 **Distance from Property: 1.88 mi. NE**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294728095200106**
STATION NAME: **LJ-65-14-746 EXTENSOMETER**
SITE TYPE: **GW-EX**
LATITUDE: **29.791630000** LONGITUDE: **-95.334100000**
DATE DRILLED: **04/25/1980**
WELL DEPTH: **2170 feet**
HOLE DEPTH: **2256 feet**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 91 **Distance from Property: 1.88 mi. NE**

STATE ID:	**65-14-735**
OWNER'S NAME:	**HARRIS-GALVESTON COAST SUBSIDENCE DIST.,N.E.**
DATE DRILLED:	**00/00/1980**
DEPTH DRILLED:	**1597'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.334100000**
LATITUDE:	**29.791620000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514735/6514735.pdf**

WRD Exp. (GW)
April 1966

Well No. LJ-65-14-735

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by: RS SOWERSHER | Source of data: DRILLER'S LOG | Date: 2-11-80 | Map: SETTEGAST, TX 1967 1:24,000

State: TEXAS (48) | County (or town): HARRIS (LJ)

Latitude: 29° 47 min 28 sec W | Longitude: 095 degrees 20 min 01 sec | Sequential number: 2

Lat-long accuracy: 1 | T. ____ N/S, R. ____ E/W, Sec. ____, ¼, ¼, ¼

Local well number: LJ-65-14-735 | Other number: NORTHEAST NO. 2 B & M

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: S

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 → 4

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Φ) Obs, Oil-gas, (P) Recharge, (R) Test, (T) Unused, (U) Withdraw, (W) Waste, (X) Destroyed, (Z): Φ

DATA AVAILABLE: Well data: 2 | Freq. W/L meas.: MONTHLY (M) | Field aquifer char.: T

Hyd. lab. data:

Qual. water data; type: partial: P

Freq. sampling: ORIGINAL (Φ) | Pumpage inventory: yes (no) period:

Aperture cards: yes

Log data: DRILLER'S log: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD | Depth well: 1596 ft (1596) | Meas. rept accuracy: 3

Depth cased (first perf.): 1567 ft (1567) | Casing type: steel | Diam.: 4½-2½ in: 9

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: S

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd jetted, (J) air percussion, rotary, (R) reverse trenching, (V) driven, (W) drive wash, (Z) other: H

Date Drilled: FEB 1980 (980) | Pump intake setting: NONE ft

Driller: O'DAY DRLG CO. (name), PEARLAND, 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, gas, gasoline, hand, gas, wind; nat, LP, H.P. ____ | Trans. or meter no.

Descrip. MP: top of casing | +2.0 ft above/below LSD, Alt. MP

Alt. LSD: 49 (49) | Accuracy (source): 5' TOPO: 3

Water Level: 39.55 ft above/below MP; Ft above/below LSD (38) | Accuracy: steel tape: A

Date meas.: 4-24-80 (480) | Yield: 15 gpm (15) | Method determined: I

Drawdown: ____ ft | Accuracy: ____ | Pumping period: ____ hrs

QUALITY OF WATER DATA: Iron ____ ppm | Sulfate 8.8 ppm (9) | Chloride ____ ppm | HCO_3 Hard. 390 ppm: 7

Sp. Conduct: 980 k x 10^6 (4) | Temp. 77.5 °F (78) | Date sampled: 2-8-80 (280)

Taste, color, etc.

WELL ON ITEM

Well No. LJ-65-14-235

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, (O) 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) 5 Origin: ____ (34) 3 Aquifer Thickness: 42 ft

(35 37) 42 Length of well open to: 10 ft (38 40) 10 Depth to top of: 1540 ft (41 43) 454

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: 1567-1577 SS WW NO. 10 GAUGE 2½" OD

Depth to consolidated rock: ____ ft (60 63) ____ Source of data: ____ (64) ____

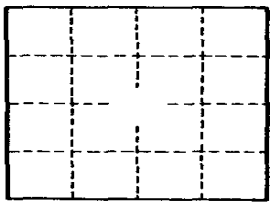
Depth to basement: ____ ft (65 68) ____ Source of data: ____ (69) ____

Surficial material: ____ (70 71) ____ Infiltration characteristics: ____ (72) ____

Coefficient Trans: 21 gpd/ft (73 75) 200 Coefficient Storage: ____ (76 78) ____

Coefficient Perm: ____ gpd/ft²; Spec cap: ____ gpm/ft; Number of geologic cards: ____ (79) ____

sample for water quality obtained by jetting with air



WELL NO.

GPO 857-700

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 92 **Distance from Property: 1.90 mi. NNW**

ID NUMBER:	**TX205391**
STATE ID :	**65-15-4**
OWNER NAME:	**METAL ENTERPRISES, INC**
DATE DRILLED:	**03/21/1986**
DEPTH DRILLED:	**179'**
STATIC LEVEL:	**140'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.365236000**
LATITUDE:	**29.793216000**

2 PAGE(S) OF DRILLERS' LOGS

30.

·2m: NISL
·6m; Elk.L

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 Metal Enterprises, Inc (Name) Address 310 North Street (Street or RFD) Houston, Tx. 77002 (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. mapcom 65-05-5

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 3-21-86

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
4 3/4	Surface	200'
6 3/4	"	179'

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	9'	Surface Clay
9'	10'	rock
10'	19'	surface clay
19'	20'	rock
20'	40'	red and yll clay
40'	60'	red and yellow clay
60'	80'	red and yellow clay
80'	100'	red and yellow clay
100'	110'	fine red sand
110'	130'	clay
130'	150'	clay
170'	176'	clay
176'	200'	sand and small 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	SCH 40 PVC Casing	+24"	179'	
2½	N	Well Supplies, Inc.			
		PVC Screen	200'	180'	14ga.
2½	N	SCH 40 PVC Blank	180'	170'	

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 179 ft. to 60' ft.
ft. to ft.
Method used Pressure Cement
Cemented by Raymond Water Wells

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 140 ft. below land surface Date
Artesian flow gpm. Date

12) PACKERS: Type "K" Depth 170'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☒ Cylinder
☐ Other Windmill
Depth to pump bowls, cylinder, jet, etc., 160' ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☒ Estimated
Yield: 3.5 gpm with 0 ft. drawdown after 3 hrs.

RECEIVED
SEP - 2 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 Raymond Water Wells (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) (Registered Driller Trainee)

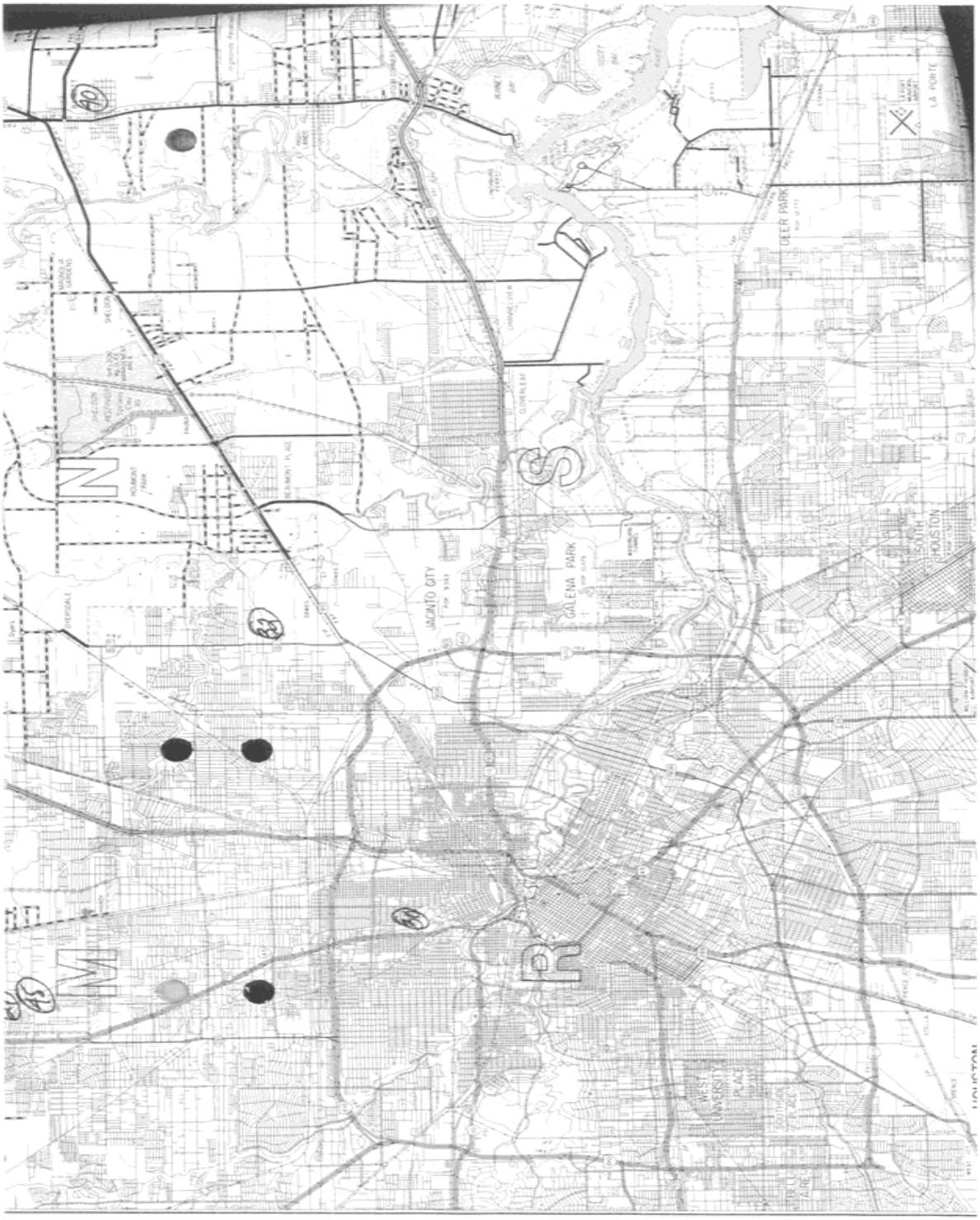
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 65-14-4
Located on map

TDWR-0392 (12/29/83)

DEPARTMENT OF WATER RESOURCES COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


DEER PARK
LA PORTE
JACINTO CITY
GALENA PARK
SOUTH HOUSTON
WEST UNIVERSITY PLACE
HOUSTON

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 93 **Distance from Property: 1.91 mi. W**

STATE ID:	**65-13-904**
OWNER'S NAME:	**CITY OF HOUSTON (CENTRAL #20)**
DATE DRILLED:	**01/00/1949**
DEPTH DRILLED:	**1960'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.383068000**
LATITUDE:	**29.767159000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513904/6513904.pdf**

65-13-404

WRD Exp. (GW)
April 1966

Well No. [illegible]

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by Long 1945 (McAdoo 1943) (Gabrysch 1963) Source of data E.lc 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. N S. R E W. Sec ¼, ¼, ¼, ¼ B & M

Local well number: LJ-65-13-904 Other number: 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) Med, Ind (P) P 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 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. (Est) 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, (Φ) open end, (P) perf., screen, sd. pt., (S) shored, (T) 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, trenching, (V) driven, (W) drive wash, (Z) other — H

Date Drilled: Jan 1949 9 4 9 Pump intake setting: ft

Driller: Texas Water Wells, Inc. (name) Houston, Texas (address)

Lift (type): (A) air, (B) bucket, cent, (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 agitator pipe +1.08 ft above/below LSD. Alt. MP

Alt. LSD: 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 10⁶ Temp. °F Date sampled

Taste, color, etc.

* 3-82: Breather hole +4.0

Well No. LJ-65-13-904

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

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]

Physiographic Province: Coastal Plain [19] [20 21] Section: [22]

Drainage Basin: [23] 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 [28 29] ____ aquifer, formation, group [30 31]

Lithology: [32 33] Origin: [34] Aquifer Thickness: ____ ft

[35 37] Length of well open to: 405 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: * 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 = 1975 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 (Log 1949) (McAfee Gabrysch 1963) Source of data F.I.C 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 B & M

Local well number: LJ-65-13-904 Other number: C-20

Local use: Owner or name: City of Houston

Owner or name: CITY OF HOUSTON Address: Central Plant

Ownership: (C) County, Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) Agency, Water Dist M

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Mnd, Ind, (P) P S, (R) Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (O) Oil-gas, (P) Recharge, (R) Test, (U) Unused, (W) Withdraw, (X) Waste, (E) 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 (Est) Meas. 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) ? (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, sd. pt., (W) shored, (X) open hole, (E) 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, (E) other H

Date Drilled: Jan 1949 9 4 9 Pump intake setting: ft

Driller: Texas Water Wells, Inc. (name) Houston, Texas (address)

Lift (type): (A) air, (B) bucket, cent, (C) cent, (J) jet, (L) multiple, cent., (M) multiple, turb., (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (E) 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 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 (LSD) MP; Ft above below LSD 186 Accuracy: Meas A

Date meas: 3-28-49 3 4 9 Yield: 243.5 gpm 2 4 3 5 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 10⁶ Temp. °F Date sampled

Taste, color, etc.

Well No. LJ-65-13-904

Well No. LT-65-13-904

Latitude-longitude 29 d, 46 m, 01 s N 095 d, 22 m, 58 s W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: Coastal Plain 03

Section:

F

Drainage Basin: 51R

Subbasin:

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

MAJOR AQUIFER: system, series T aquifer, formation, group E

Lithology: Origin: Aquifer Thickness: ft

Length of well open to: 405 ft Depth to top of: 405 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: * 1015-1940.

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/ft²; Spec cap: gpm/ft; Number of geologic cards:

* Screen:

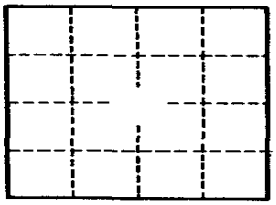
1015-1050	35
1100-1300	200
1315-1340	25
1350-1375	25
1395-1410	15
1530-1545	15
1565-1580	15
1850-1910	60
1925-1940.	15

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-65-13-904

GPO 857-700

TX-730
(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020972

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 46 01	095 22 58	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 EVAL
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 294601095225801 (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				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Water ... Austin, Texas

Latitude	Longitude	Seq. No.
29 46 01	095 22 58	01

aty code 101 County Harris

Well # LT-65-13-904

Project number T-4648-01000

Date 9-17-76 Time 1230 Temp°C 7

Owner City of Houston

Address Central No. C-20

Date drld — WBF code [2] Evg]

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: 29 46 01 095 22 58 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	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			
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			

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

11-74) UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017561

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 121EVGL

Sample interval: (top) 1015 (bottom) 1940

Water level — Appr/clear Use PS

Collector Wuttel Yield — GPM

Smpld aftr pmpg on arrival Depth —

Ft of coll tap on discharge pipe

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform | Phenols | Minors

N trients | MBAS | BOD | TOC | DOC

Std chem schedule I

Other

Herbicide ____ Insecticide ____

Remarks:

Type 2 (1) | Station identification number 29461 095225801 (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	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	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				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

(11) 493 K/1021
901 Sawyer

Water Quality Sampling Run

EZ

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 @ ~~19.1~~ °C
Eh (00090) -120.0 mv @ ~~19.1~~ °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) 52
Dissolved Solids (70301) 421 (454 meter)

Notes & Calculations

Central = 20
901 Sawyer
493K - 1021

50 ml sample
11:25 am

Ph @ Start Titration
8.09
4.50
13.45 ml acid added

890091-B

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Austin, Texas

Latitude ° ' " 29 46 01 | Longitude ° ' " 095 22 58 01 | Seq. No.

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 ____

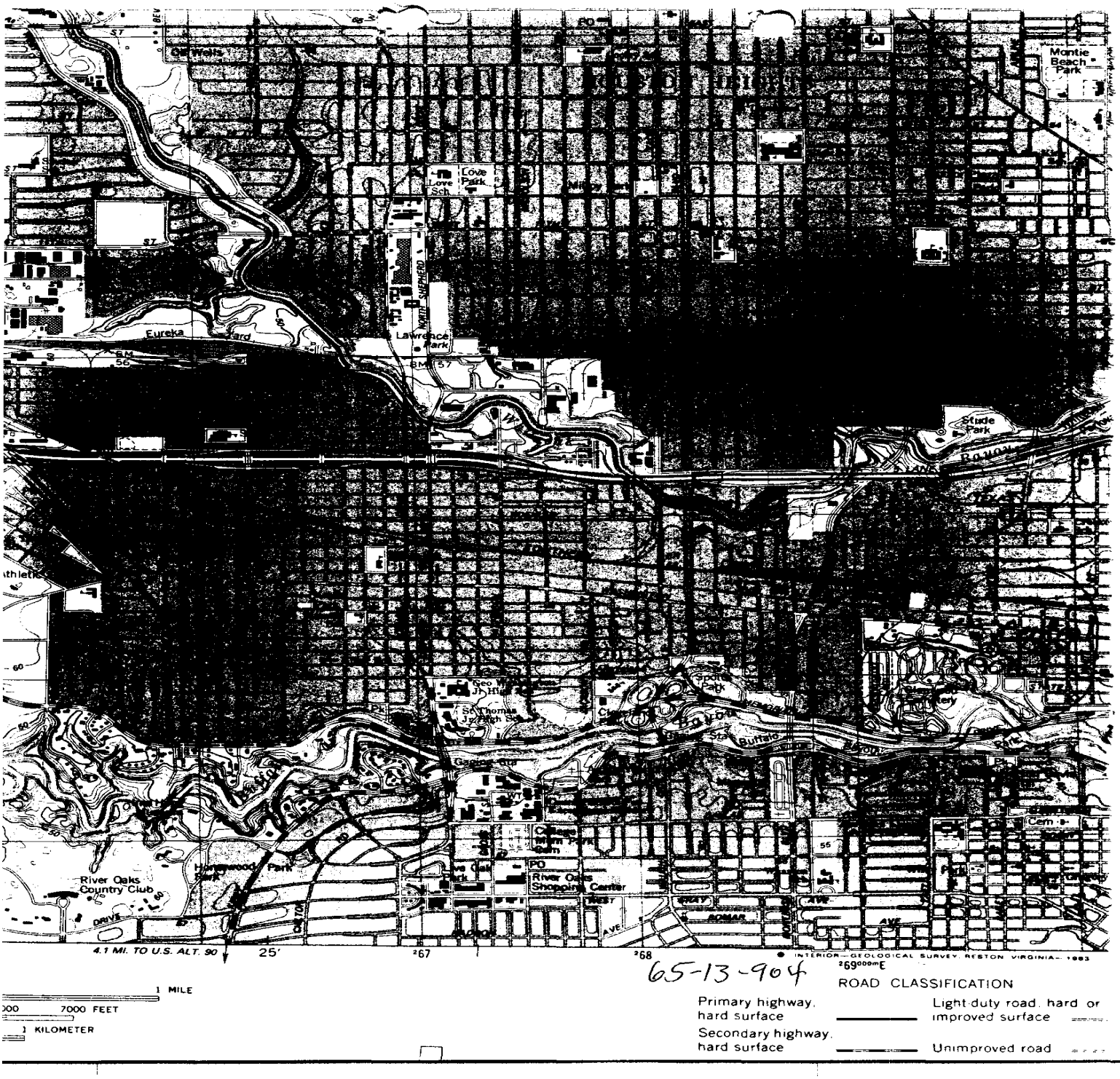
Remarks:

Type 2 | Station identification number 29460109522580 1

Y M D: 75 02 05 (Begin 17–22) | Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008	1960	0	
Yield (GPM)	00059			
Sample interval TOP	72015	1015	0	
Sample interval BOTTOM	72016	1940	0	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	28.50	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		63
Sulfate (SO_4)	00945	2000	01		2.0
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				


Old Wells
Mantle Beach Park
Love Park
Eureka
Lawrence Park
Stude Park
Buffalo
Sports Park
River Oaks Country Club
Homewood Park
River Oaks Shopping Center
PO
4.1 MI. TO U.S. ALT. 90
25'
1 MILE
7000 FEET
1 KILOMETER
65-13-904
ROAD CLASSIFICATION
Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved 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

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

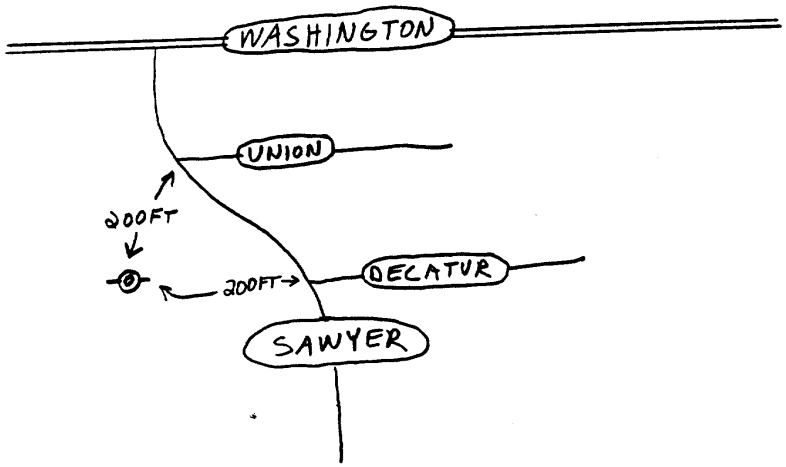
Recorded By _____ Date Record Collected or Updated- 04/03/2001

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.

| 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				

Aquifer - 121EVGL
Well No. - 65 13 904



65-13-904

State ID: 65-13-904

TWDB Water Quality Field Data Sheet

New Well: yes / no

State Well Number: 65-13-904

County: HARRIS

County Code: 101

Aquifer Code: 121EVGL

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: CRA / HACH

Sample Number: 977

Date: 4-3-01

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.

Time In: 1330 Time Out: 1425

W. L. depth from LSD (ft.):

W.L. remark:

Pumping Since: POA

Sampling Point: FAW

Well Use: PUBLIC

Lift: T

Power: E

Latitude: 29 46 02

Longitude: 95 32 59

Elevation: 83

Sample Time: 1400

Filter pressure: hand pump / line

Daily Meter Calibration:

pH	7	7.0
	4 or 10	4.0
Conductivity	500	501
	1000	1000
	2000	
	5000	

Field Alkalinity Titration:

7.68 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 GPM

1-16-01

293 AIRLINE VGS

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

9

LCRA Environmental Laboratory Services

Date: *30-Apr-01*

CLIENT: Texas Water Development Board
Lab Order: 0104059 **COC ID:** 15789
Project: TWDB 00-01
Lab ID: 0104059-05

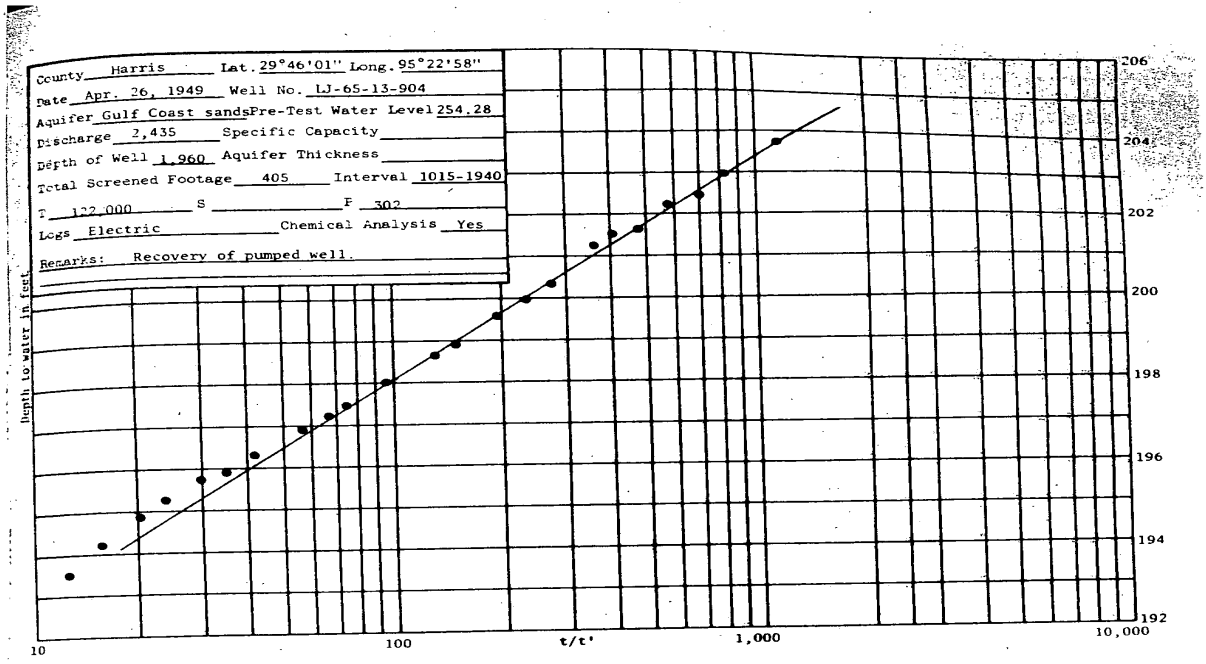
Client Sample ID: 65-13-904
Collection Date: 04/03/2001 2:00:00 PM
Matrix: GROUNDWATER

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

10


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 F 302
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
206
204
202
200
198
196
194
192
10
100
t/t'
1,000
10,000

MAP ID# 93 **Distance from Property: 1.91 mi. W**

PWSID:	**1010013**
SOURCE ID:	**G1010013M**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1949**
SCREEN BOTTOM:	**1,940.00'**
SCREEN TOP:	**1,015.00'**
GALLONS PER MINUTE:	**2,100**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.383058330**
LATITUDE:	**29.767083330**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 93 **Distance from Property: 1.91 mi. W**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294601095225801**
STATION NAME: **LJ-65-13-904**
SITE TYPE: **GW**
LATITUDE: **29.767159000** LONGITUDE: **-95.383068000**
DATE DRILLED: **01/01/1949**
WELL DEPTH: **1960 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 93 **Distance from Property: 1.91 mi. W**

WELL ID:	**1021**
OWNERS NAME:	**HOUSTON, CITY OF**
YEAR DRILLED:	**1949**
DEPTH DRILLED:	**1960'**
STATIC LEVEL:	**999'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.383069000**
LATITUDE:	**29.767160000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 94 **Distance from Property: 1.92 mi. SW**

ID NUMBER:	**TX212654**
STATE ID :	**N/A**
OWNER NAME:	**U.S. GEOLOGICAL SURVEY WELL #1**
DATE DRILLED:	**06/06/1972**
DEPTH DRILLED:	**326'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**OBSERVATION**
LONGITUDE:	**-95.368894000**
LATITUDE:	**29.744524000**

2 PAGE(S) OF DRILLERS' LOGS

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 1/0
Received: 7-3
JE

1) OWNER:
Person having well drilled U.S. Geological Survey (Name) Address 2320 LaBranch, Houston (Street or RFD) (City) (State)

Landowner same (Name) Address Baytown, Texas (Street or RFD) (City) (State)

Well #1

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.* -

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 observation

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

6) WELL LOG:
Diameter of hole 4½ in. Depth drilled 326 ft. Depth of completed well 324 ft. Date drilled 6-6-72

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	7	Black top soil
7	40	white Clay
40	84	red Clay
84	95	sand
95	98	rock
98	113	sand
113	152	Blue Clay
152	183	sand
183	185	sandy Clay
185	205	sand
205	217	Blue Clay

(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	+3	316	

10) SCREEN:
Type Plastic
Perforated Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2	316	324	.008

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 Baker Birdwell (Type or Print) Water Well Drillers Registration No. 476

ADDRESS P.O. Box 464 - Arcadia, Texas 77517 (Street or RFD) (City) (State)

(Signed) Baker Birdwell (Water Well Driller) Birdwell Water Well Serv. (Company Name)

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

*Additional instructions on reverse side.

TWDBE-GW-53

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

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.

217 - 236 sand
236 - 242 sandy clay
242 - 255 sand
255 - 273 sandy clay & sand streaks
273 - 296 sand
296 - 307 Blue Clay
307 - 326 sand

RECEIVED
FEB 26 1973
Central Records
Texas Water Development Board

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 95 **Distance from Property: 1.94 mi. WSW**

STATE ID:	**65-13-903**
OWNER'S NAME:	**CITY OF HOUSTON CENTRAL**
DATE DRILLED:	**00/00/1948**
DEPTH DRILLED:	**1980'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.382400000**
LATITUDE:	**29.760610000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513903/6513903.pdf**

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 Mastell Gabrysch (MEG) Source of data File (McAdoo) Date 2-16-68 Map Houston Heights 15,55 1:24000

State Texas 48 County (or town) Harris LJ

Latitude: 29 45 37 N deg min sec N/S Longitude: 095 22 58 W degrees min sec E/W Sequential number: 1

Lat-long accuracy: 1 T. ____ S, R ____ W, Sec ____, ____ ¼, ____ ¼, ____ ¼ ____

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, (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) Irr, (I) Ind, (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, (E) Seismic, (H) Heat Res, (O) Obs, (O) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdrawn, (X) Waste, (Z) Destroyed W

DATA AVAILABLE: Well data 1 Freq. W/L meas.: 1948 - 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 1780 Meas. (rep) 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., screen, sd. pt., (S) shored, (T) 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: Apr. 1948 9 4 8 Pump intake setting: ____ ft

Driller: Texas Water Wells, Inc. (name) Houston, Texas (address)

Lift (type): (A) air, (B) bucket, cent, jet, (C) multiple, (J) multiple, (cent.) (M) (turb.) (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (X) other T Dest. Shallow D

Power (type): diesel, (elec) nat gas, gasoline, hand, gas, wind; LP H.P. ____ 5 Trans. or meter no. ____

Descrip. MP Top of Drill Pipe +0.5 ft above/below LSD Alt. MP ____

Alt. LSD: 52 5 2 Accuracy: (source) Topo 5' J

Water Level 206.60 ft above/below MP; Ft above/below LSD 206 Accuracy: Meas A

Date meas: 4-13-48 4 4 8 Yield: 2480 gpm 2480 Method determined 4

Drawdown: 60 ft 60 Accuracy: 4-13-48 Meas Pumping period 96 hrs 96

P/L = 206.68

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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Well No. LJ-65-13-903

Latitude-longitude 29 d 45 m 37 s (N) 095 d 22 m 58.1 s (W)

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD [1] [19]

Physiographic Province: coastal plain [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]

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: 367 ft [38] [40] 367 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]

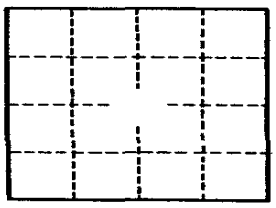
Surficial material: _____ [70] [71] Infiltration characteristics: _____ [72]

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 ° ' " 29 45 37 | Longitude ° ' " 095 22 58 | Seq. No. 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 | Station identification number 29453709522580 1

Y M D (Begin) 17–22 | 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				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TX-73Q
(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017560

Latitude ° ' " 2945 37 | Longitude ° ' " 0952258 | Seq. No. 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 — Apprclevr Use PS

Collector Wetter Yield — GPM

Smpld aftr pmpg on arrival Depth —

Ft of coll top of discharge

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform | Phenols | Minors

Nutrients | MBAS | BOD | TOC | DOC

Std chem schedule X

Other

Herbicide ____ Insecticide ____

Remarks:

Type 2 | Station identification number 29453709522580 1 (1–16)

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	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	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				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Austin, Texas

Latitude ° ' " 29 45 37 | Longitude ° ' " 095 22 58 | Seq. No. 01

County code ~~15~~ 201 County Harris

Well # 2J-65-13-903

Project number 5-4648-01000

Date 2-10-75 Time _____ Temp°C 29.0

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 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 | Station identification number 29453709522580 1

Y M D: 75 02 10 (Begin) | Time of measurement

	Parameter code	Value	Exp.	Rmk
Depth	72008	1980	0	
Yield (GPM)	00059			
Sample interval TOP	72015	1160	0	
Sample interval BOTTOM	72016	1960	0	

Sampled after pumping	Parameter code	Value	Exp.	Rmk	
	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	29.0	0		
pH	00400	7.9	0		7.9
Specific conductance	00095	647	0		64
HCO_3	00440	316	0		316
CO_3	00445	0000	0		0
Chloride (Cl)	00940	48	0	same	48
Sulfate (SO_4)	00945	64	0		6.4
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

Water ... 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 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

1 chem schedule I

Other

Herbicide Insecticide

Remarks:

-

Type 2

Station identification number 29453709522580 1

Y M D: 76 09 17 (Begin 17–22)

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				
Strep-tococci	31679				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

WATER UTILITY DATABASE (WUD)

MAP ID# 95 **Distance from Property: 1.94 mi. WSW**

PWSID:	**1010013**
SOURCE ID:	**G1010013L**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**07/15/1948**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - ABANDONED**
CCN:	**P1552**
LONGITUDE:	**-95.382774350**
LATITUDE:	**29.760278700**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 95 **Distance from Property: 1.94 mi. WSW**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294537095225801**
STATION NAME: **LJ-65-13-903**
SITE TYPE: **GW**
LATITUDE: **29.760612000** LONGITUDE: **-95.382400000**
DATE DRILLED: **194804**
WELL DEPTH: **1980 feet**
HOLE DEPTH: **2510 feet**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 95 **Distance from Property: 1.94 mi. WSW**

WELL ID:	**1020**
OWNERS NAME:	**HOUSTON, CITY OF**
YEAR DRILLED:	**1948**
DEPTH DRILLED:	**1980'**
STATIC LEVEL:	**999'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.382400000**
LATITUDE:	**29.760612000**
SOURCE:	**HGSD**

MAP ID# 96 **Distance from Property: 1.94 mi. W**

TRACK #: **210899**
DATE ENTERED: **2010-03-22**
OWNER NAME: **WILLIAMS BROTHERS**
OWNER ADDRESS: **PO BOX 66428**
HOUSTON, TX 77266
COUNTY: **HARRIS**
LATITUDE: **29.762778000** LONGITUDE: **-95.383055000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=210899&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2009-07-09**
DRILLING DATE (COMPLETED): **2009-07-10**
DEPTH DRILLED: **230'**

WATER LEVEL:
STATIC LEVEL: **92'**
WATER LEVEL DATE: **2009-06-23**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **BUSSELL & SONS LLC**
COMPANY ADDRESS: **PO BOX 874**
TOMBALL, TX 77377

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 97 **Distance from Property: 2.00 mi. W**

STATE ID:	**65-13-943**
OWNER'S NAME:	**COOK PAINT & VARNISH**
DATE DRILLED:	**01/14/1965**
DEPTH DRILLED:	**502'**
WATER USAGE:	
LONGITUDE:	**-95.384030000**
LATITUDE:	**29.773250000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513943/6513943.pdf**

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

CASING, BLANK PIPE & WELL SCREEN
Cemented From _____ ft. to _____ ft.

Diam. (in.)	Type	Setting (feet) from	to
14			220
8			502

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:

Q 1531

W/L Obs. Well ___ W/Q Obs. Well

State Well No. 65-13-943

TDWR-0308

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

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

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.

DRAWDOWN SPECIFIC CAPACITY

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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

FORM N 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

FOR Cook Paint & Varnish Company

LOCATION WELL 2519 Crockett

SURVEY FIELD

COUNTY Harris STATE Texas

OTHER LAND MARKS

WELL DATA

NAME WELL WELL NO. 2

ELEVATION DATUM

RT GR

TEST HOLE SIZE 12¼" TD 500'

DATE STARTED DRILLING 1-12-65

DATE FINISHED DRILLING 1-14-65

DRILLER J. Hodges RIG NO 7

TYPE M Gel NO SACKS 4

ELECTRIC LOG Yes TYPE Widco

SURVEY Yes TYPE Eastman

OTHER

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES 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

Q-1531

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

FOR Cook Paint & Varnish Company

LOCATION WELL Houston Plant

SURVEY FIELD

COUNTY Harris STATE Texas

OTHER LAND MARKS 2519 Crockett Street

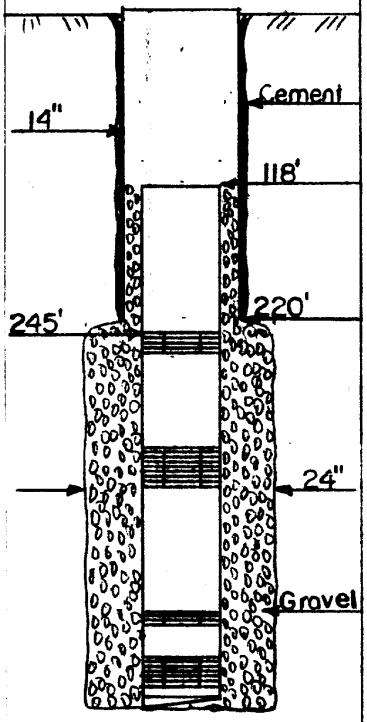
WELL DATA

NAME WELL WELL NO. 3
ELEVATION DATUM
TYPE WELL Gravel-Wall
SURFACE CASING CEMENTED Yes NO. SACKS 90
SIZE HOLE UNDERREAMED 24" DEPTH 220-502'
GRAVEL TYPE 112-13- 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
Total Iron	Fe	0.00	Sodium Bicarbonate		27
o-Phosphate	PO_4	0.75	Sodium Sulfate		2
Nitrate	NO_3	1.3	Sodium Chloride		99
			Sodium Phosphate		1
			Sodium Nitrate		2
			$SiO_2 + R_2O_3$		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

Q-1531

4796

817-7271 • P. O. BOX 14171 • 4820 OLD SPANISH TRAIL • HOUSTON, TEXAS 77021

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 97 **Distance from Property: 2.00 mi. W**

WELL ID:	**1659**
OWNERS NAME:	**COOK PAINT & VARNISH COMPANY**
YEAR DRILLED:	**1965**
DEPTH DRILLED:	**502'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.384030000**
LATITUDE:	**29.773250000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 98 **Distance from Property: 2.01 mi. ESE**

STATE ID:	**65-14-805**
OWNER'S NAME:	**WEINGARTEN'S BAKERY**
DATE DRILLED:	**00/00/1957**
DEPTH DRILLED:	**905'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.322407000**
LATITUDE:	**29.752218000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514805/6514805.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 805 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 45 05 Longitude - 95 19 20 Source of Coords - 2

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

Owner - Weingarten's Bakery Driller - Layne Texas Co.

Address _____ Tenant/Oper. _____
Date Drilled - / /1957 Depth - 905 ft. Source of Depth - Altitude - 42 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_____

LIFT DATA - Pump Mfr. _____ Type - TURBINE PUMP No. Stages _____
Bowls Diam. - _____ in. Setting - _____ ft. Column Diam. - _____ in.

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		

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- 03/01/1957 Measurement- -252.00
Date- / / Measurement-

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

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB R178: 80 ft. of screen
between 825 and 905 ft.

Aquifer - 121EVGL
Well No. - 65 14 805

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 98 **Distance from Property: 2.01 mi. ESE**

WELL ID:	**2478**
OWNERS NAME:	**WEINGARTEN, INC., J.**
YEAR DRILLED:	**1957**
DEPTH DRILLED:	**905'**
STATIC LEVEL:	**814'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.322407000**
LATITUDE:	**29.752218000**
SOURCE:	**HGSD**

MAP ID# 99 **Distance from Property: 2.02 mi. N**

STATE ID:	**65-14-416**
OWNER'S NAME:	**STANDARD RENDERING CO.**
DATE DRILLED:	**NOT REPORTED**
DEPTH DRILLED:	**520'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.345530000**
LATITUDE:	**29.797460000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514416/6514416.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514416 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294753 **Longitude** 952045 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Standard Rendering Co.

Driller
J. C. Bland Water Systems

Address _____ **Tenant/Oper.** _____

Date Drilled **Depth** 520 **Source of Depth** **Altitude** 54 **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 -** 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
1960
-240

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

Reporting Agency 01

REMARKS -
TWDB R178

Aquifer - 112CHCTL **ID -** 15
CHICOT AQUIFER,LOWER

Thursday, November 30, 2006 **Well Number -** 6514416

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 99 **Distance from Property: 2.02 mi. N**

STATE ID:	**65-14-417**
OWNER'S NAME:	**STANDARD RENDERING CO.**
DATE DRILLED:	**00/00/1951**
DEPTH DRILLED:	**515'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.345530000**
LATITUDE:	**29.797430000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514417/6514417.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514417 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294753 **Longitude** 952045 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Standard Rendering Co.

Driller
J. C. Bland Water Systems

Address _____ **Tenant/Oper.** _____

Date Drilled / /1951 **Depth** 515 **Source of Depth** **Altitude** 54 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION

Const-Method

Completion

Casing Material

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 -** blank **Tertiary -**

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

WATER LEVELS
1 measurement
1960
-240

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

Reporting Agency 01

REMARKS -
TWDB R178: Screen from 485 to 515 ft.

Aquifer - 112CHCTL **ID -** 15
CHICOT AQUIFER,LOWER

Thursday, November 30, 2006

Well Number - 6514417

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 100 **Distance from Property: 2.03 mi. N**

ID NUMBER:	**TX205303**
STATE ID :	**65-14-4**
OWNER NAME:	**KENT WONG**
DATE DRILLED:	**10/25/1988**
DEPTH DRILLED:	**502'**
STATIC LEVEL:	**252'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.355479000**
LATITUDE:	**29.797711000**

2 PAGE(S) OF DRILLERS' LOGS

STATE OF TEXAS WATER WELL REPORT

1) 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

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.

DATE DRILLED: 10/25/88

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

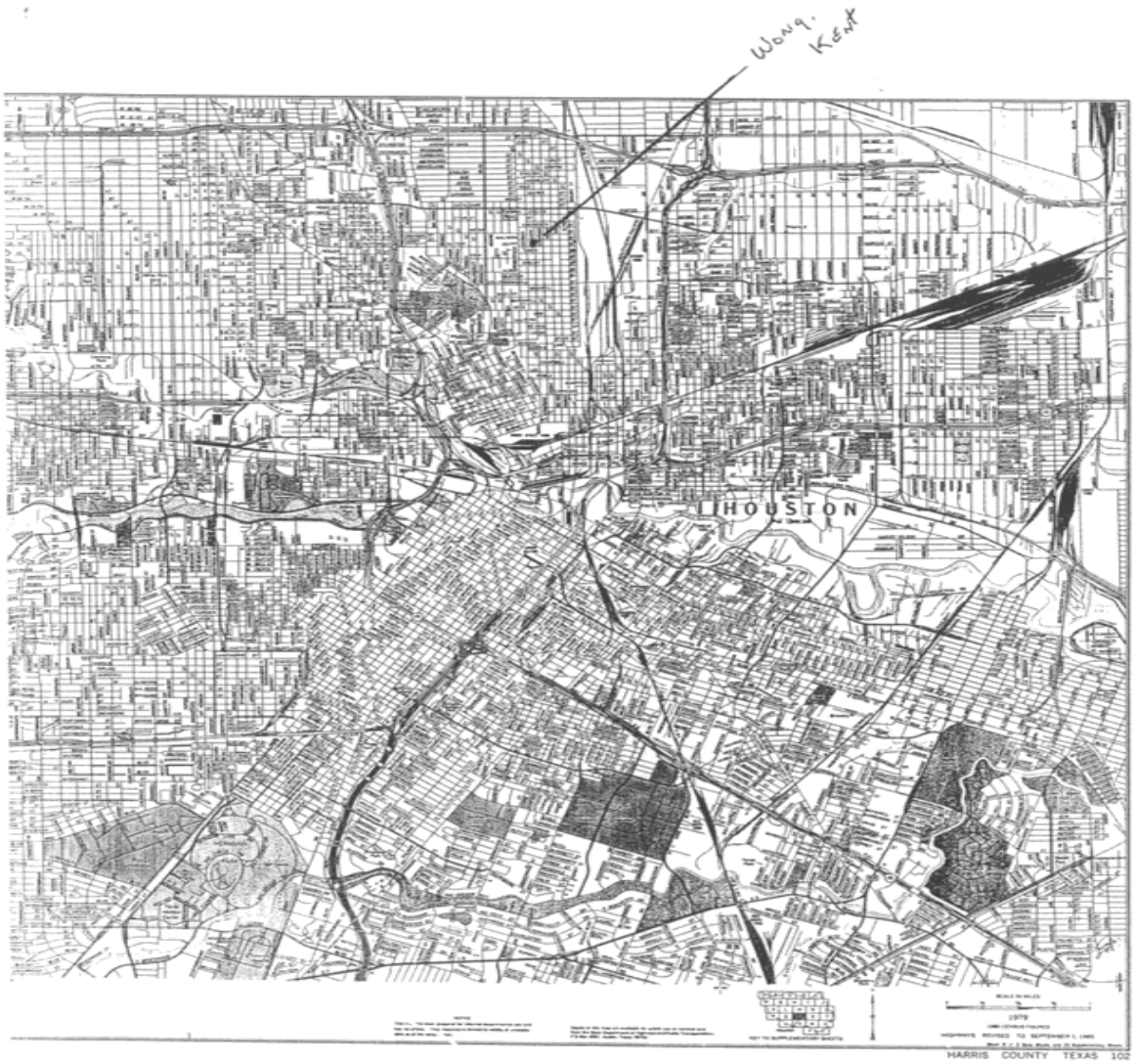
COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY
WELL NO. G-57-14-4
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. John Sr. (LICENSED WATER WELL DRILLER)

(signed) _____ (REGISTERED DRILLER TRAINEE)


Wong, Kent
HOUSTON
HARRIS COUNTY TEXAS

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 101 **Distance from Property: 2.04 mi. SE**

STATE ID:	**65-22-213**
OWNER'S NAME:	**GULF CONCRETE PIPE CO**
DATE DRILLED:	**00/00/1941**
DEPTH DRILLED:	**276'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.331620000**
LATITUDE:	**29.743290000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522213/6522213.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 213 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 44 33 Longitude - 95 19 53 Source of Coords - 1

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

Owner - Gulf Concrete Pipe Co Driller - I Mowery

Address _____ Tenant/Oper. _____
Date Drilled - / /1941 Depth - 276 ft. Source of Depth - D Altitude - 42 ft. Source of Alt. - M
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER Well Type - W User -

WELL CONSTRUCTION
Const. Method - _____ Casing Material - _____
Screen
Completion - _____ 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- 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 - 112CHCTL
Well No. - 65 22 213

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

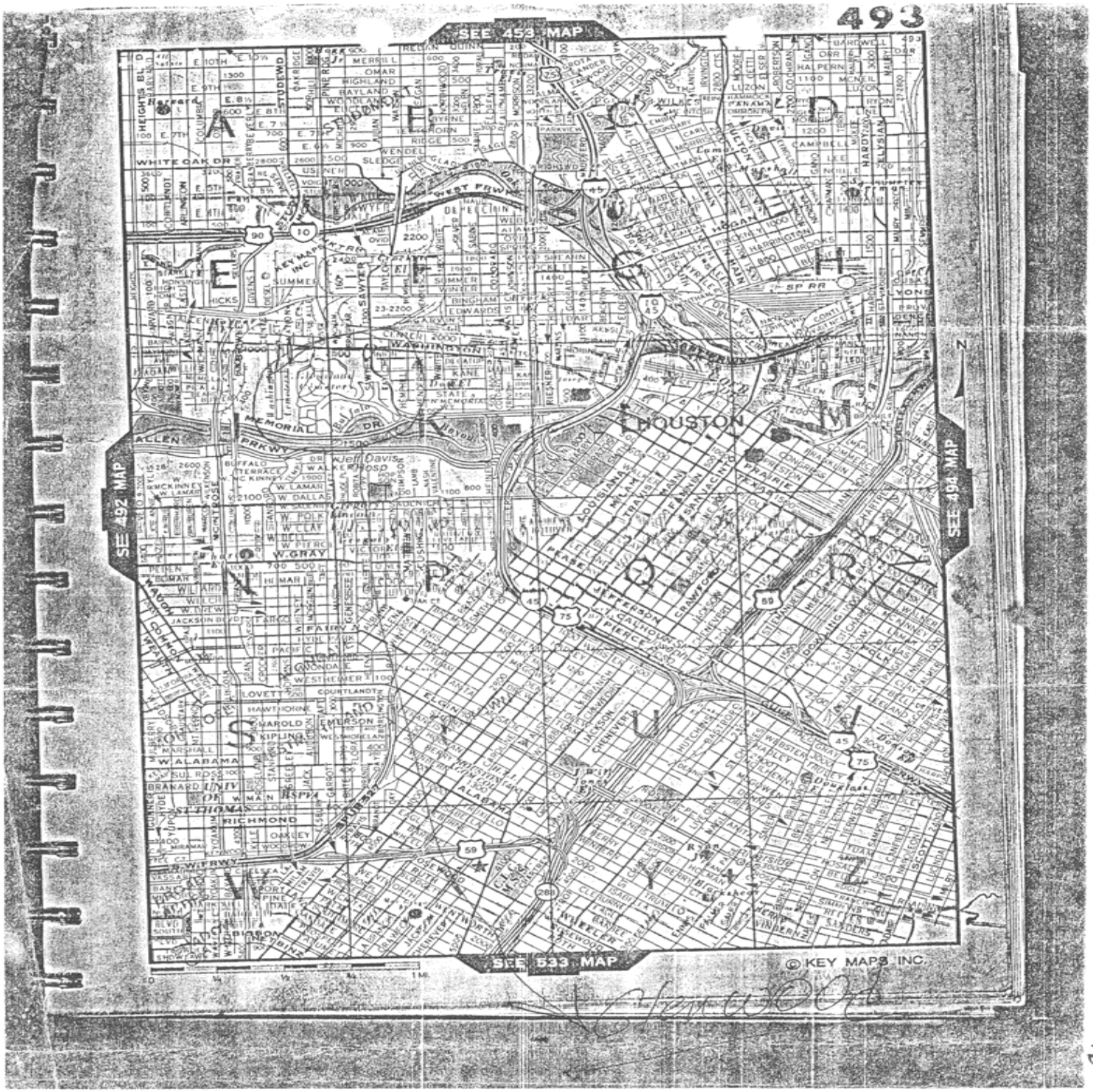
MAP ID# 102 **Distance from Property: 2.04 mi. W**

ID NUMBER:	**TX181326**
STATE ID :	**65-13-9**
OWNER NAME:	**GLENWOOD CEMETERY**
DATE DRILLED:	**12/14/1989**
DEPTH DRILLED:	**512'**
STATIC LEVEL:	**250'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.385137000**
LATITUDE:	**29.765653000**

2 PAGE(S) OF DRILLERS' LOGS

Page # 1 out of 2

Water Well ID: 181326



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. (Street or RFD) Houston (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 19 " 19 "

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
~~8~~ 8½	Surface	508
8½	plus2	463

From (ft.)	To (ft.)	Description and color of formation material
0		rotary 4 clay fill 10 clay 120 sand 130 sandy clay 160 sand 200 clay 210 sand 233 clay 306 sand 342 clay 370sand 380 clay 421 sand 435 clay 453 sand 478 clay 483 sand 511 clay 512

RECEIVED
APR 24 1990
TEXAS WATER COMMISSION

10 HP Grundfos 25S100-16 set 315' on 3" gal. pipe. 460 volts
(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 Mfgr., if commercial	Setting (ft.) From	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.

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. Freewy. (Street or RFD) Houston, (City) Texas (State) 77037 (Zip)

(Signed) _____ (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. G5 / 3 - 9 Located on map _____

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

CWB

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 102 **Distance from Property: 2.04 mi. W**

WELL ID:	**9338**
OWNERS NAME:	
YEAR DRILLED:	**1988**
DEPTH DRILLED:	**500'**
STATIC LEVEL:	**400'**
WATER USAGE:	**OTHER**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.385137000**
LATITUDE:	**29.765653000**
SOURCE:	**HGSD**

MAP ID# 103 **Distance from Property: 2.07 mi. WSW**

TRACK #: **165739**
DATE ENTERED: **2009-01-19**
OWNER NAME: **FEDERAL RESERVE BANK OF DALLAS**
OWNER ADDRESS: **1801 ALLEN PARKWAY**
HOUSTON, TX 77019
COUNTY: **HARRIS**
LATITUDE: **29.759167000** LONGITUDE: **-95.385000000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=165739&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2008-12-29**
DRILLING DATE (COMPLETED): **2008-12-31**
DEPTH DRILLED: **350'**

WATER LEVEL:
STATIC LEVEL: **155'**
WATER LEVEL DATE: **2009-01-19**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **SCOTT DRILLING, INC.**
COMPANY ADDRESS: **11923 GREEN PINE CIRCLE**
HOUSTON, TX 77066

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 103 **Distance from Property: 2.07 mi. WSW**

WELL ID:	**11040**
OWNERS NAME:	**FEDERAL RESERVE BANK OF DALLAS**
YEAR DRILLED:	**2009**
DEPTH DRILLED:	**400'**
STATIC LEVEL:	**380'**
WATER USAGE:	**DOMESTIC/COMMERCIAL**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.384431000**
LATITUDE:	**29.759941000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 104 **Distance from Property: 2.07 mi. NNE**

STATE ID:	**65-14-406**
OWNER'S NAME:	**CITY OF HOUSTON NORTHEAST #3**
DATE DRILLED:	**05/15/1944**
DEPTH DRILLED:	**1993'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.336400000**
LATITUDE:	**29.795850000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514406/6514406.pdf**

WRD Exp. (GW)
April 1966

Well No. LJ-65-14-406

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD (T. BROWN)

Record by R.B.A. (3-10-61) Source of data FILES Date 2-20-68 Map 1:24000 September 1955

State Texas 48 County (or town) Harris LJ

Latitude: 29 47 45 N/S Longitude: 095 20 10 Sequential number: 1

Lat-long accuracy: 1 T. ____ S, R ____ W, Sec ____, ____ k, ____ k, ____ k

Local well number: LJ-65-14-406 Other number: NORTHEAST #3 B & M

Local use: ____ Owner or name: CITY OF HOUSTON

Owner or name: CITY OF HOUSTON Address: ____

Ownership: (C) County, Fed Gov't, (M) City, (N) Corp or Co, (F) 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) Ind, (N) 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.: 1944 -- Annual A Field aquifer char. ____

Hyd. lab. data: ____

Qual. water data; type: ____

Freq. sampling: 3-22-48 A Pumpage inventory: yes / no, period: ____

Aperture cards: ____ yes

Log data: E-LOG 11-25 0-2510 D LOG E D

WELL DRILLED TO 2510' & PLUGGED BACK TO 1993

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1993 ft 1973 Meas. tape / Driller accuracy 3

Depth cased (first perf.) 1143 ft 1143 Casing type: S ; Diam. 24-12¾ in 24

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) screen, (H) horiz. gallery, (Φ) open end, (P) perf., screen, sd. pt., (S) shored, (T) open hole, (W) other G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rev., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) wash, (Z) other H

Date Drilled: 5-15-44 5144 Pump intake setting: ____ ft

Driller: LAYNE-TEXAS CO. (name) HOUSTON, TEX. (address)

Lift (type): (A) air, (B) bucket, cent, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submers, (T) turb, (Z) other T 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: 50 510 Accuracy (source): Topo 5' 3

Water Level 111.68 ft above/below MP, Ft above/below LSD: ____ Accuracy: ____

Date meas: 6-21-44 6144 Yield: 2525 gpm 2525 Method determined ____

Drawdown: 68 ft 68 Accuracy: tape WD ____ 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. ____

PL 179.18 / 111.68 / 67.50

Well No. LJ-65-14-406

Well No. LJ-65-14-406

Latitude-longitude 29 d 47 m 45 s N 095 d 20 m 10 s W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1) | Physiographic Province: COASTAL PLAINS (19) 03 (20-21) | Section: (26)

F (22) | Drainage Basin: (23) 51R (23-25) | Subbasin: (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (A) offshore, (F) 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

Length of well open to: 267 ft (35-37) | Depth to top of: 767 ft (38-40) | (41-43)

MINOR AQUIFER: system ____, series ____ (44-45) aquifer, formation, group (46-47)

Lithology: (48-49) | Origin: (50) | Aquifer Thickness: ft

Length of well open to: ft (51-53) | Depth to top of: ft (54-56) | (57-59)

Intervals Screened: 1,142'11" - 1969'6"

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)

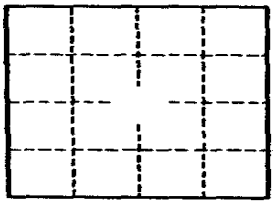
CASING:
558' OF 24"
1554 OF 12 3/4"

12 3/4" from 439 to 1993

SURFACE CASING CEMENTED.
HOLE APPARENTLY 24" TO 1995'6" & GRAVEL PACKED.
TOP OF GRAVEL @ 455'

12 SCREENS @

1142'11" - 1146'11"
1149'5" - 1167'6"
1190'11" - 1209'10"
1220'3" - 1238'7"
1241'1" - 1259'10"
1300'6" - 1319'9"
1340'1" - 1354'7"
1379'10" - 1388'11"
1391'4" - 1409'6"
1514'5" - 1533'3"
1535'9" - 1553'6"
1574'11" - 1583'1"
1779'9" - 1799'
1801'6" - 1818'
1848'6" - 1863'5"
1865'10" - 1878'
1950'5" - 1969'6"



Well No. LJ-65-14-406

GPO 857-700

(11-74) UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020978

Latitude	Longitude	Seq. No.
29 47 45	095 20 10	01

County code 201 County HARRIS
Well # LJ-65-14-406
Project number 7-4648-01000
Date 2-8-77 Time ____ Temp°C 28.5
Owner City of Houston
Address NORTHEAST #3
Date drld 5-15-44 WBF code 21EVGL
Sample interval: (top) 1142 (bottom) 1969
Water level ____ Appr Clear Use PS
Collector Butler Yield ____ GPM
Smpld aftr pmpg ____ Depth 1993
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 29474509520100 1 (2–16)

Y M D (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008	1993	04	
Yield (GPM)	00059			
Sample interval ?	72015	1142	04	
Sample interval BOTTOM	72016	1969	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	6630	03		663
HCO_3	00440	3170	03		317
CO_3	00445	0000	01		0
Chloride (Cl)	00940	5700	02		57
Sulfate (SO_4)	00945	2800	01		2.8
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31625				
Strep-tococci	31673				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017564

Latitude ° ' " 29 47 45 | Longitude ° ' " 095 20 10 | Seq. No. 01

County code 201 County Harris

Well # CJ-65-14-406

Project number 4645-01000

Date 2-4-76 Time — Temp°C 29.0

Owner City of Houston

Address South East #3

Date drld — WBF code 121 EVGL

Sample interval: (top) 1142 (bottom) 1969

Water level — Appr Clear Use PS

Collector Moffat Yield — GPM

Smpld aftr pmpg Unmeasured Depth —

Pt of coll tap on discharge

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform | Phenols | Minors

Organics | MBAS | BOD | TOC | DOC

Std chem schedule I

Other ____

Herbicide ____ Insecticide ____

Remarks:

Type 2 | Station identification number 2 29 47 45 095 20 10 01

Y M D: 76 02 04 Begin

Time of measurement: ____

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval	72015	1142	04	
Sample interval BOTTOM	72016	1969	04	
Water level	72019			

Sampled after pumping	Parameter code	Value	Exp.	Rmk	
	72004				
DO (mg/1)	00300				
DO % Sat.	00301				
Temp °C	00010	2900	02		29.0
pH	00400	8100	01		8.1
Specific conductance	00095	6950	03		695
HCO_3	00440	3200	03		320
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6300	02		63
Sulfate (SO_4)	00945	5200	01		5.2
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Austin, Texas

U15135

Latitude ° ' " 29 47 45 | Longitude ° ' " 095 20 10 01 | Seq. No.

County code 201 County Harris

Well # LJ-65-14-406

Project number 5-4648-01000

Date 2-3-75 Time Temp°C 29.5

Owner City of Houston

Address Northeast # 3

Date drld 5-15-44 WBF code 121EVCL

Sample interval: (top) 1142 (bottom) 1969

Water level Appr Use PS

Collector Naftel Yield GPM

Smpld aftr pmpg on acc. Depth 1993

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 | Station identification number 2947450952010101 (1 / 2–9 / 16)

Y M D: 75 02 03 (17 Begin 22) | Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008	1993	04	
Yield (GPM)	00059			
Sample interval TOP	72015	1142	04	
Sample interval BOTTOM	72016	1969	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		29.5
pH	00400	7700	01		7.7
Specific conductance	00095	7210	03		721
HCO_3	00440	3290	03		329
CO_3	00445	0000	01		0
Chloride (Cl)	00940	7800	02	UP 14	78
Sulfate (SO_4)	00945	4000	01		4.0
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Water Resources Division
Austin, Texas

Latitude ° ' " 29 47 45 | Longitude ° ' " 095 20 10 | Seq. No. 01

County code 101 County Harris

Well # LJ-65-14-406

Project number T-4648-01000

Date 9-9-76 Time — Temp°C 20.0

Owner City of Houston

Address Northeast #3

Date drld — WBF code 121 Evgl

Sample interval: (top) 1142 (bottom) 1969

Water level — Appr Clear Use PS

Collector King & 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

1 chem schedule I

Other

Herbicide Insecticide

Remarks:

Type 2 | Station identification number 29474509520101001

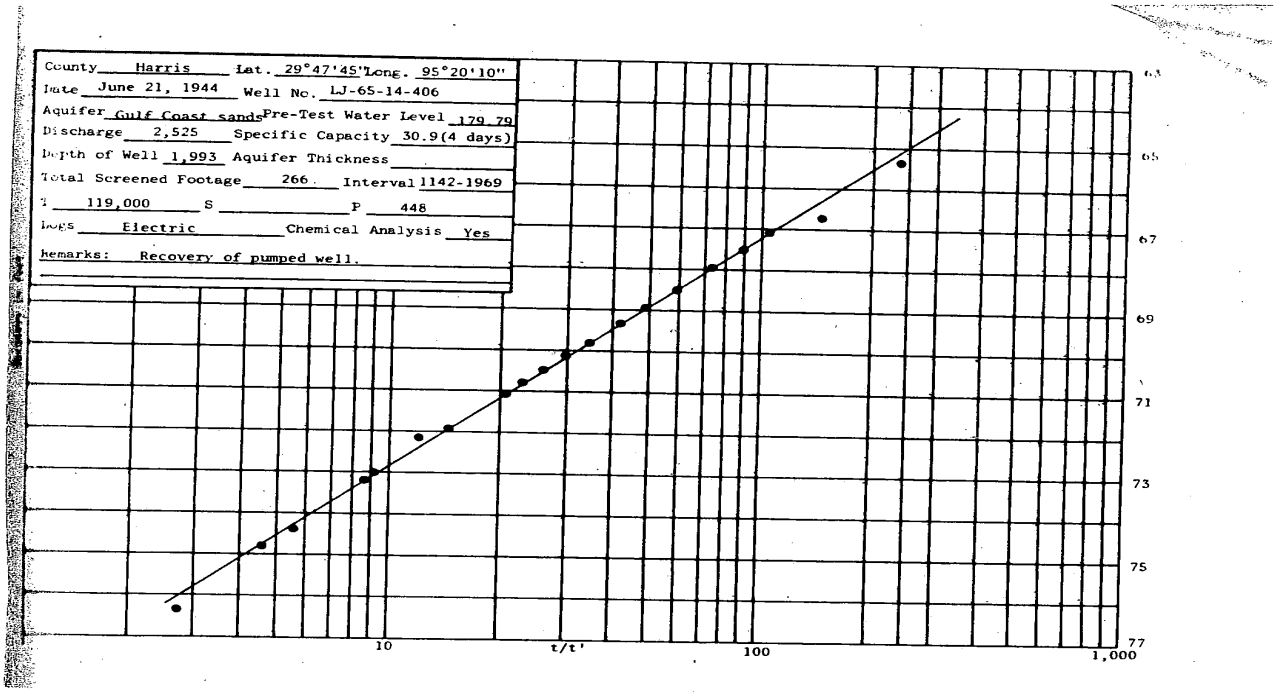
Y M D: 76 09 09 Begin

Time of measurement

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	1142	04	
Sample interval BOTTOM	72016	1969	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/1)	00300				
DO % Sat.	00301				
Temp °C	00010	20000	02		20.0
pH	00400	78000	01		7.8
Specific conductance	00095	65800	03		658
HCO_3	00440	31900	03		319
CO_3	00445	00000	01		0
Chloride (Cl)	00940	57000	02		57
Sulfate (SO_4)	00945	28000	01		2.8
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


County Harris Lat. 29°47'45" Long. 95°20'10"
Date June 21, 1944 Well No. LJ-65-14-406
Aquifer Gulf Coast sands Pre-Test Water Level 179.79
Discharge 2,525 Specific Capacity 30.9(4 days)
Depth of Well 1,993 Aquifer Thickness
Total Screened Footage 266. Interval 1142-1969
T 119,000 S P 448
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
63
65
67
69
71
73
75
77
10
t/t'
100
1,000

MAP ID# 104 **Distance from Property: 2.07 mi. NNE**

PWSID:	**1010013**
SOURCE ID:	**G1010013HI**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**06/12/1944**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.336944580**
LATITUDE:	**29.796112060**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 104 **Distance from Property: 2.07 mi. NNE**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294745095201001**
STATION NAME: **LJ-65-14-406**
SITE TYPE: **GW**
LATITUDE: **29.795850000** LONGITUDE: **-95.336400000**
DATE DRILLED: **05/15/1944**
WELL DEPTH: **1993 feet**
HOLE DEPTH: **2510 feet**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 104 **Distance from Property: 2.07 mi. NNE**

WELL ID:	**1084**
OWNERS NAME:	**HOUSTON, CITY OF**
YEAR DRILLED:	**1944**
DEPTH DRILLED:	**1993'**
STATIC LEVEL:	**999'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.336400000**
LATITUDE:	**29.795850000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 105 **Distance from Property: 2.07 mi. SSE**

ID NUMBER:	**TX199542**
STATE ID :	**65-22-1**
OWNER NAME:	**CALCO MARKETING SERVICE INC**
DATE DRILLED:	**05/12/1990**
DEPTH DRILLED:	**600'**
STATIC LEVEL:	**300'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.340248000**
LATITUDE:	**29.739099000**

2 PAGE(S) OF DRILLERS' LOGS

(43)

al copy by certified mail to: Texas Water C ssion, P.O. Box 13087, Austin, Texas 78711 — Please use black ink.

I OWNER: Confidentiality lice on Reverse Side

State of Texas WELL REPORT

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

1) OWNER Calco Marketing Service, Inc (Name) ADDRESS 3988 Clay (Street or RFD) Houston (City) Tx (State) (Zip)

2) LOCATION OF WELL: County Harris . 1 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): XX New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

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

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

6) WELL LOG:
Date Drilling: Started 5-8 1990 Completed 5-12 1990

DIAMETER OF HOLE	Dia. (in.)	From (ft.)	To (ft.)
		Surface	
	7 7/8	0	600'

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed XX Other 2 StringCemented
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	40	Clay
40	120	Sand
120	260	Clay
260	340	Sand
340	410	Clay
410	480	Sand
480	530	Clay
530	600	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	SDR17 Casing	0	540	
2⅜"	N	Liner	530	550	
2⅜"	N	Screen	550	600	

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 540 ft. No. of Sacks Used 25
_____ ft. to _____ ft. No. of Sacks Used _____
Method used Haillburton
Cemented by Robinson Water Well

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]

11) WATER LEVEL:
Static level 300 ft. below land surface Date 5-12-90
Artesian flow _____ gpm. Date _____

12) PACKERS:

Type	Depth
K-packer	530

13) TYPE PUMP: ☐ Turbine ☐ Jet XX 7½ H.P. Goulds Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 399 ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Baller ☐ 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 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) _____ (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Love

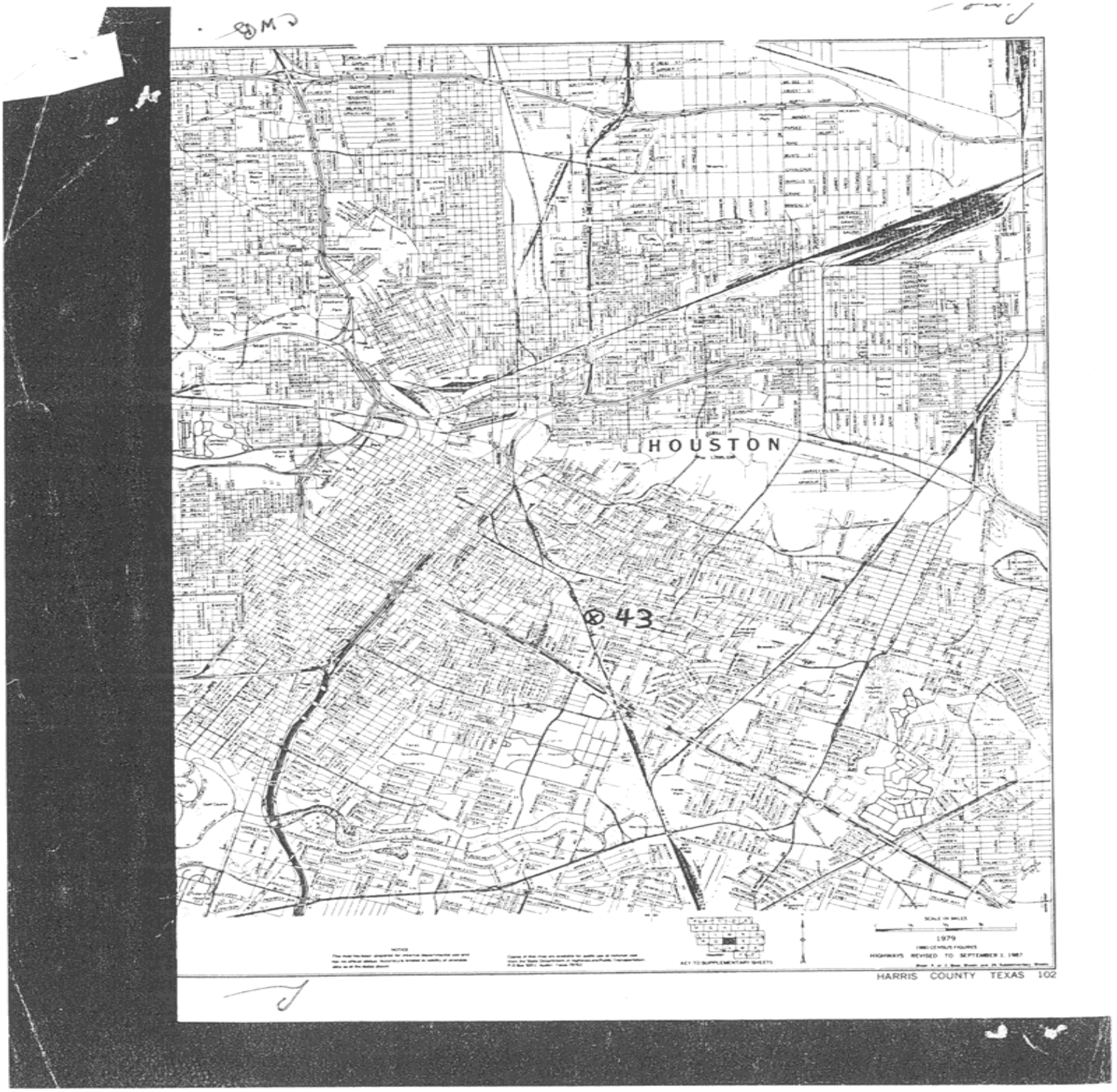
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 43 Located on map 65-22-1

WWD-012 (Rev. 09/21/88)

TEXAS WATER COMMISSION COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


HOUSTON
43
HARRIS COUNTY TEXAS

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 105 **Distance from Property: 2.07 mi. SSE**

WELL ID:	**5789**
OWNERS NAME:	**CALCO MARKETING INC.**
YEAR DRILLED:	**1990**
DEPTH DRILLED:	**600'**
STATIC LEVEL:	**550'**
WATER USAGE:	**AGRICULTURAL IRRIGATION**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.340248000**
LATITUDE:	**29.739099000**
SOURCE:	**HGSD**

MAP ID# 106 **Distance from Property: 2.10 mi. WSW**

STATE ID:	**65-13-931**
OWNER'S NAME:	**HORLOCK ICE CO.**
DATE DRILLED:	**00/00/1941**
DEPTH DRILLED:	**509'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.382644000**
LATITUDE:	**29.754220000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513931/6513931.pdf**

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

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 -** 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

Wednesday, August 04, 2

Well Number - 6513931

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 107 **Distance from Property: 2.12 mi. SW**

STATE ID:	**65-21-315**
OWNER'S NAME:	**SHEPHERD LAUNDRY**
DATE DRILLED:	**00/00/1930**
DEPTH DRILLED:	**1416'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.376470000**
LATITUDE:	**29.746330000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521315/6521315.pdf**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 108 **Distance from Property: 2.15 mi. E**

WELL ID:	**2611**
OWNERS NAME:	**BORDEN, INC. BAMA FOOD PRODUCTS**
YEAR DRILLED:	**1958**
DEPTH DRILLED:	**595'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.315111000**
LATITUDE:	**29.764042000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 108 **Distance from Property: 2.15 mi. E**

STATE ID:	**65-14-817**
OWNER'S NAME:	**THE BAMA CO.**
DATE DRILLED:	**00/00/1958**
DEPTH DRILLED:	**590'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.315112000**
LATITUDE:	**29.764038000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514817/6514817.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514817 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294549 **Longitude** 951852 **Source of Coords** 2

Owner's Well No. **Location**

Owner
The Bama Co.

Driller
Pomeroy Drilling Co.

Address **Tenant/Oper.**

Date Drilled / /1958 **Depth** 590 **Source of Depth** **Altitude** 45 **Source of Alt.**

Well Type W **User**

WEL CONSTRUCTION

Const-Method

Completion

Casing Material

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
1958
-160

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

Reporting Agency 01

REMARKS -
TWDB R178

Aquifer - 112CHCTL **ID -** 15
CHICOT
AQUIFER,LOWER

Monday, August 02, 2004

Well Number - 6514817

MAP ID# 108 **Distance from Property: 2.15 mi. E**

STATE ID:	**65-14-803**
OWNER'S NAME:	**THE BAMA CO.**
DATE DRILLED:	**00/00/1950**
DEPTH DRILLED:	**550'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.315109000**
LATITUDE:	**29.764036000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514803/6514803.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514803 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294549 **Longitude** 951852 **Source of Coords** 2

Owner's Well No. **Location**

Owner
The Bama Co.

Driller
McMasters & Pomeroy

Address **Tenant/Oper.**

Date Drilled / /1950 **Depth** 550 **Source of Depth** **Altitude** 44 **Source of Alt.**

Well Type W **User**

WEL CONSTRUCTION

Const-Method

Completion

Casing Material

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
1960
-154

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

Reporting Agency 01

REMARKS -
TWDB R178

Aquifer - 112CHCTL **ID -** 15
CHICOT
AQUIFER,LOWER

Monday, August 02, 2004

Well Number - 6514803

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 108 **Distance from Property: 2.15 mi. E**

ID NUMBER:	**TX205832**
STATE ID :	**65-22-3C**
OWNER NAME:	**BAMA FOOD CO**
DATE DRILLED:	**04/??/1974**
DEPTH DRILLED:	**667'**
STATIC LEVEL:	**281'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.315108000**
LATITUDE:	**29.764027000**

2 PAGE(S) OF DRILLERS' LOGS

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.

Formation Log

0'	to	71'	red clay
71	"	82	red sand
82		106	clay
106		133	sand
133		202	clay
202		212	sand
212		253	clay
253		265	sand
265		310	clay
310		320	sand
320		340	clay
340		380	sand rock streaks
380		405	clay
405		428	sand
428		476	clay
476		498	sand
498		504	clay
504		518	sand
518		525	clay
525		532	sand
532		542	clay
542		560	sand
560		571	clay
571		592	sand
592		596	clay
596		605	sand
605		641	clay
641		647	sand
647		652	clay
652		666	sand
666		667	clay

The screen is Howard Smith pipe based ribbed stainless steel made on 6 5/8" pipe.

Screen Settings			
408'	to	428	12 ga.
480	to	495	12 ga
505	to	515	12 ga
540	to	560	14 ga
570	to	590	12 ga.
641	to	647	12 ga

Liner settings		
398'	to	408'
428	to	480
495	to	505
515	to	540
560	to	570
590	to	641
641	to	667'

RECEIVED
OCT 21 1974
Texas Water Development Board

RECEIVED
JUL 31 1974
TEXAS

3C

nd original copy by
rtified mail to the
xas Water Development Board
. O. Box 13087
stin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-22-3C
Located on map
Received:

1) OWNER:
Person having well drilled Bama Feed Co (Name) Address 5501 Clinton Drive Houston (Street or RFD) (City) (State)

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

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

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

Well is located at Bama Plant at intersection of Lockwood and Clinton drive in Houston

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 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 667 ft. Depth of completed well 667 ft. Date drilled April 74
All measurements made from 3 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
		See reverse side

9) Casing:
Type: Old X New X Steel Plastic Other
Cemented from 0 ft. to 407 ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
8 5/8"	0	407	.219 wall

10) SCREEN:
Type Pipe based stainl ss steel ribbed
Perforated Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
6 5/8"	see reverse side		

(Use reverse side if necessary)

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

8) WATER LEVEL:
Static level 281 ft. below land surface Date April 74
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc. ft.
below land surface.

Pump is set 300' . column ic water lube 5" x 1 3/16" bowl is layne 14 stage 8" RKHC

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) (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.

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 108 **Distance from Property: 2.15 mi. E**

WELL ID:	**2612**
OWNERS NAME:	**BORDEN, INC. BAMA FOOD PRODUCTS**
YEAR DRILLED:	**1974**
DEPTH DRILLED:	**667'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.315109000**
LATITUDE:	**29.764040000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 109 **Distance from Property: 2.16 mi. WSW**

ID NUMBER:	**TX182199**
STATE ID :	**65-13-9**
OWNER NAME:	**JMG BUILDERS, LTD.**
DATE DRILLED:	**12/31/1998**
DEPTH DRILLED:	**361'**
STATIC LEVEL:	**180'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.381358000**
LATITUDE:	**29.750695000**

1 PAGE(S) OF DRILLERS' LOGS

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?

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)

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 109 **Distance from Property: 2.16 mi. WSW**

WELL ID:	**6700**
OWNERS NAME:	**OAKWOOD APARTMENT MANAGEMENT**
YEAR DRILLED:	**1998**
DEPTH DRILLED:	**440'**
STATIC LEVEL:	**420'**
WATER USAGE:	**OTHER**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.381358000**
LATITUDE:	**29.750695000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 110 **Distance from Property: 2.16 mi. NNW**

ID NUMBER:	**TX205312**
STATE ID :	**65-14-4**
OWNER NAME:	**HENRY BAKER**
DATE DRILLED:	**02/20/1992**
DEPTH DRILLED:	**378'**
STATIC LEVEL:	**260'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.365385000**
LATITUDE:	**29.797238000**

2 PAGE(S) OF DRILLERS' LOGS

Water Well ID: 205312

1) OWNER: BAKER, HENRY ADDRESS: 45 GULF BANK CITY: HOUSTON STATE: TX ZIP:

2) LOCATION OF WELL: County: HARRIS 3 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: 01960

DIAMETER OF HOLE

DIAMETER	FROM	TO
6.5	0	363
4.5	363	378

DATE DRILLED: 02/20/92

7) BOREHOLE METHOD:

STRAIGHT WALL

IF GRAVEL... FROM FT. TO FT.

FROM FT. TO FT.

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. S

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)

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 111 **Distance from Property: 2.17 mi. WSW**

STATE ID:	**65-13-928**
OWNER'S NAME:	**PUBLIC LAUNDRIES**
DATE DRILLED:	**00/00/1927**
DEPTH DRILLED:	**1377'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.383520000**
LATITUDE:	**29.753610000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513928/6513928.pdf**

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

Well Number - 6513928

Wednesday, August 04, 2

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 112 **Distance from Property: 2.18 mi. NW**

STATE ID:	**65-13-947**
OWNER'S NAME:	**BEAUCHAMPS SPRINGS**
DATE DRILLED:	**NOT REPORTED**
DEPTH DRILLED:	**NOT REPORTED**
WATER USAGE:	
LONGITUDE:	**-95.375402000**
LATITUDE:	**29.792036000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513947/6513947.pdf**

State ID: 65-13-947

```
PERFORM:   Query  Next  Previous  View  Add  Update  Remove  Table  Screen  ...
Searches the active database table.                ** 1: welldata table**
State Well No.:[6513947]       Prev. Well No.:[         ]    County Code:[201]
Basin:          [   ]          Zone:           [ ]           Region No.: [   ]
Latitude:       [294731]       Longitude:      [0952231]     Coord. Accuracy:[1]

Well Owner:                [                          ]     Aquifer Code:[         ]
                           [Beauchamps Springs        ]     Aquifer ID-1:[   ]
Well Driller:              [                          ]     Aquifer ID-2:[   ]
                           [                          ]     Aquifer ID-3:[   ]

Date Drilled:[  ][  ][     ]      Depth:[      ]          Source of Depth:[ ]
Altitude:[      ]        Source of Alt.Datum:[ ]            Well Type:[S]
                              User Code: [      ]
Type of Lift:[ ]              Type of Power:[ ]                    Horsepower:[        ]
Primary Use: [ ]              Secondary Use:[ ]                    Tertiary Use: [ ]
Water Level: [ ]  Water Quality: [ ]  Well Logs: [       ] Other Data: [      ]

Date Collected or Updated: [11][06][2003]      Reporting Agency: [02]
                        Well Schedule in File: [Y]

Construction Meth.:[ ]  Completion:[ ]  Casing Material:[ ]  Screen Material:[ ]

1 row(s) found
                    1 Sess-1     134.125.90.27                          1 1/9
```

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 112 **Distance from Property: 2.18 mi. NW**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294731095223101**
STATION NAME: **LJ-65-13-947**
SITE TYPE: **SP**
LATITUDE: **29.792039000** LONGITUDE: **-95.375399000**
DATE DRILLED: **NOT REPORTED**
WELL DEPTH: **NOT REPORTED**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **NOT REPORTED**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 112 **Distance from Property: 2.18 mi. NW**

WELL ID:	**1788**
OWNERS NAME:	**LAMAR HOTEL**
YEAR DRILLED:	**1928**
DEPTH DRILLED:	**NOT REPORTED**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.375399000**
LATITUDE:	**29.792039000**
SOURCE:	**HGSD**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 113 **Distance from Property: 2.18 mi. WSW**

WELL ID:	**2130**
OWNERS NAME:	**SPARKLE ICE COMPANY**
YEAR DRILLED:	**1941**
DEPTH DRILLED:	**517'**
STATIC LEVEL:	**310'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.382595000**
LATITUDE:	**29.751701000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 113 **Distance from Property: 2.18 mi. WSW**

STATE ID:	**65-13-946**
OWNER'S NAME:	**SPARKLE ICE CO.**
DATE DRILLED:	**04/21/1970**
DEPTH DRILLED:	**514'**
WATER USAGE:	
LONGITUDE:	**-95.382603000**
LATITUDE:	**29.751698000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513946/6513946.pdf**

April 1966

U. S. DEPT. OF THE INTERIOR

WELL SCHEDULE
GEOLOGICAL SURVEY

65-13-946

WATER RESOURCES DIVISION

1:24000

MASTER CARD

Record by W. L. Nattel Source of data owner & records Date Oct. 20, 75 Map Houston Heights 1967

State Texas (48) County (or town) Harris (201)

Latitude: 29 45 03 N Longitude: 095 22 56 Sequential number: 2

Lat-long accuracy: 1 T. ____ S, R ____ 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, Corp or Co, (P) Private, (S) State Agency, (W) Water Dist ____ P

Use of water: (A) Air cond, (B) Bottling, (C) Comm, Dewater, (D) Power, (E) Fire, (F) Dom, (H) Irr, (I) Mad, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Φ) Desal-other, (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) Withdraw, (X) Waste, (S) Destroyed. W

DATA AVAILABLE: Well data ____ Freq. W/L meas.: ____ Φ 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. (est) 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, (Φ) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (B) 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 9 7 0 Pump intake setting: 252' (1970) ft 2 5 2

Driller: J. C. Bussell & Son, 2735 N. Hou.-Rosslyn Rd Hou. 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 D

Power (type): diesel, (elec), nat gas, LP gasoline, hand, 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 4 7 0 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 (ND) 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 F (22) Drainage Basin: (23-25) 511 Subbasin: (26)

Topo of Well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (♦) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat — F (27)

MAJOR AQUIFER: system, series QG (28-29) lower Chicot aquifer, formation, group CL (30-31)

Lithology: sand S (32-33) 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)

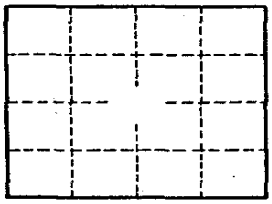
Surficial material: (70-71) Infiltration characteristics: (72)

Coefficient Trans: gpd/ft (73-75) Coefficient Storage: (76-78)

Coefficient Perm: gpd/ft²; 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-13-946

GPO 857–700

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 113 **Distance from Property: 2.18 mi. WSW**

ID NUMBER:	**TX205559**
STATE ID :	**65-13-6Q**
OWNER NAME:	**SPARKLE ICE**
DATE DRILLED:	**05/15/1978**
DEPTH DRILLED:	**400'**
STATIC LEVEL:	**233'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.382603000**
LATITUDE:	**29.751698000**

1 PAGE(S) OF DRILLERS' LOGS

66

nd original copy by
rtified mail to the
xas Water Development Board
. O. Box 13087
stin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-16-60
Located on map
Received:

1) OWNER:
Person having well drilled Sparkle Ice (Name) Address 1501 W. Webster (Street or RFD) Houston (City) TX (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.)	To (ft.)	Gage
4"	0	400	Sch 40

10) SCREEN:
Type W/W
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2"	400	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.

ADES-WO#

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 113 **Distance from Property: 2.18 mi. WSW**

WELL ID:	**2129**
OWNERS NAME:	**SPARKLE ICE COMPANY**
YEAR DRILLED:	**1970**
DEPTH DRILLED:	**514'**
STATIC LEVEL:	**410'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.382598000**
LATITUDE:	**29.751699000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 114 **Distance from Property: 2.20 mi. W**

STATE ID:	**65-13-918**
OWNER'S NAME:	**HENKE AND PILLOT**
DATE DRILLED:	**00/00/1929**
DEPTH DRILLED:	**571'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.387770000**
LATITUDE:	**29.768110000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513918/6513918.pdf**

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

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
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

Wednesday, January 26, 2005

Well Number - 6513918

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 115 **Distance from Property: 2.21 mi. SE**

STATE ID:	**65-22-221**
OWNER'S NAME:	**TEXAS ICE AND FUEL CO.**
DATE DRILLED:	**00/00/1928**
DEPTH DRILLED:	**401'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.322563000**
LATITUDE:	**29.747118000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522221/6522221.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 221 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 44 50 Longitude - 95 19 22 Source of Coords - 2

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

Owner - Texas Ice and Fuel Co. Driller - McMasters & Pomeroy

Address _____ Tenant/Oper. _____
Date Drilled - / /1928 Depth - 401 ft. Source of Depth - D Altitude - 42 ft. Source of Alt. - M
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER 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- 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 22 221

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 115 **Distance from Property: 2.21 mi. SE**

STATE ID:	**65-22-220**
OWNER'S NAME:	**TEXAS ICE AND FUEL CO.**
DATE DRILLED:	**00/00/1928**
DEPTH DRILLED:	**272'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.322564000**
LATITUDE:	**29.747118000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522220/6522220.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 220 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 44 49 Longitude - 95 19 21 Source of Coords - 2

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

Owner - Texas Ice and Fuel Co. Driller - McMasters & Pomeroy

Address _____ Tenant/Oper. _____
Date Drilled - / /1928 Depth - 272 ft. Source of Depth - D Altitude - 42 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_____

LIFT DATA - Pump Mfr. _____ Type - NONE No. Stages _____

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

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		

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 22 220

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 116 **Distance from Property: 2.25 mi. ESE**

WELL ID:	**2032**
OWNERS NAME:	**PARKER BROTHERS & CO., INC.**
YEAR DRILLED:	**1967**
DEPTH DRILLED:	**382'**
STATIC LEVEL:	**359'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.316944000**
LATITUDE:	**29.753611000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 117 **Distance from Property: 2.25 mi. ENE**

STATE ID:	**65-14-809**
OWNER'S NAME:	**SOUTHERN PACIFIC RAILROAD**
DATE DRILLED:	**00/00/1925**
DEPTH DRILLED:	**947'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.319660000**
LATITUDE:	**29.786890000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514809/6514809.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 809 Previous Well Number -
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 15 County - Harris 201
Longitude - 95 18 45 Source of Coords - 5

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

Owner - Southern Pacific Railroad

Driller - J.W. Jackson

Address _____ Tenant/Oper. _____

Date Drilled - / /1925 Depth - 947 ft. Source of Depth - Altitude - 50 ft. Source of Alt. -
Aquifer - 121EVGL EVANGELINE AQUIFER
Well Type - W User -

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- M Quality- Y Logs- Other Data-

WATER LEVELS Date- 05/00/1925 Measurement- -30.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -
REMARKS -
82 ft of screen between 739 and 947 ft. Well destoryed.

| 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 14 809

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 118 **Distance from Property: 2.26 mi. E**

STATE ID:	**65-14-816**
OWNER'S NAME:	**STANDARD ASBESTOS CO.**
DATE DRILLED:	**00/00/1938**
DEPTH DRILLED:	**325'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.313290000**
LATITUDE:	**29.763500000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514816/6514816.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514316 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294547 **Longitude** 951849 **Source of Coords** 2

Owner's Well No. **Location**

Owner
Standard Asbestos Co.

Driller
A. E. Fawcett Sr.

Address **Tenant/Oper.**

Date Drilled / /1938 **Depth** 325 **Source of Depth** **Altitude** 41 **Source of Alt.**

Well Type W **User**

WEL CONSTRUCTION

Const-Method

Completion

Casing Material

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 -** 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-**

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

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

WATER LEVELS 1 measurement
1938
-78

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

Reporting Agency 01

REMARKS -
TWDB R178: Screen from 310 to 325 ft.

Aquifer - 112CHCTL **ID -** 15
CHICOT AQUIFER,LOWER

Monday, August 02, 2004

Well Number - 6514816

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 119 **Distance from Property: 2.28 mi. W**

ID NUMBER:	**TX184643**
STATE ID :	**N/A**
OWNER NAME:	**M.R. FATHERS**
DATE DRILLED:	**05/06/1992**
DEPTH DRILLED:	**65'**
STATIC LEVEL:	**32'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.389183000**
LATITUDE:	**29.769198000**

2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 184643

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. (Street or RFD) HOUSTON (City) TEXAS (State) 77093 (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 19 92 Completed 5-6 19 92

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

(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
[redacted]	N		55	65	080A
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

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	Depth
2 RUBBER	55-54

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

I hereby certify that this well was drilled by 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 _____

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HOUSTON
SCALE IN MILES
0
¼
½
¾
1
1987
1980 CENSUS FIGURES
HIGHWAYS REVISED TO SEPTEMBER 1, 1989
NOTICE
This map has been prepared for internal use within the State Department of Highways and Public Transportation. Accuracy is limited to the validity of 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
KEY TO SUPPLEMENTARY SHEETS
5366 5367 5368 5369 5370 5371
5466 5467 5468 5469 5470 5471
5566 5567 5568 5569 5570 5571 5572
5667 5668 5669 5670 5671 5672
5767 5768 5769 5770 5771 5772
5868 5869 5870 5871 5872
HOUSTON

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 120 **Distance from Property: 2.31 mi. WSW**

STATE ID:	**65-13-930**
OWNER'S NAME:	**HORLOCK ICE CO.**
DATE DRILLED:	**00/00/1929**
DEPTH DRILLED:	**250'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.384238000**
LATITUDE:	**29.750574000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513930/6513930.pdf**

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

Well Number - 6513930

Wednesday, August 04, 2

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 120 **Distance from Property: 2.30 mi. WSW**

WELL ID:	**1790**
OWNERS NAME:	**ADMIRAL LINEN & UNIFORM SERVICE**
YEAR DRILLED:	**1967**
DEPTH DRILLED:	**600'**
STATIC LEVEL:	**540'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.384253000**
LATITUDE:	**29.750844000**
SOURCE:	**HGSD**

MAP ID# 121 **Distance from Property: 2.30 mi. SE**

STATE ID:	**65-22-219**
OWNER'S NAME:	**STANDARD ICE CO.**
DATE DRILLED:	**00/00/1929**
DEPTH DRILLED:	**550'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.326180000**
LATITUDE:	**29.742060000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522219/6522219.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 219 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 44 32 Longitude - 95 19 30 Source of Coords - 2

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

Owner - Standard Ice Co. Driller - McMasters & Pomeroy

Address _____ Tenant/Oper. _____
Date Drilled - / /1929 Depth - 550 ft. Source of Depth - D Altitude - 43 ft. Source of Alt. - M
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER 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- 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 22 219

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

MAP ID# 121 **Distance from Property: 2.30 mi. SE**

STATE ID:	**65-22-218**
OWNER'S NAME:	**STANDARD ICE CO.**
DATE DRILLED:	**00/00/1929**
DEPTH DRILLED:	**960'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.326190000**
LATITUDE:	**29.742080000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522218/6522218.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 218 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 44 31 Longitude - 95 19 29 Source of Coords - 2

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

Owner - Standard Ice Co. Driller - McMasters & Pomeroy

Address _____ Tenant/Oper. _____
Date Drilled - / /1929 Depth - 960 ft. Source of Depth - D Altitude - 43 ft. Source of Alt. - M
Aquifer - 112CEVG CHICOT AND EVANGELINE AQUIFERS 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 - NONE No. Stages _____

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

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		

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 22 218

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 122 **Distance from Property: 2.30 mi. W**

ID NUMBER:	**TX205396**
STATE ID :	**65-14-7H**
OWNER NAME:	**NATIONAL BEVERAGE CO**
DATE DRILLED:	**06/12/1975**
DEPTH DRILLED:	**338'**
STATIC LEVEL:	**150'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.388599000**
LATITUDE:	**29.775943000**

2 PAGE(S) OF DRILLERS' LOGS

(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: 7-6
ok

1) OWNER:
Person having well drilled NATIONAL BEVERAGE Co (Name) Address 1600 STUDEMONT (Street or RFD) HOUSTON (City) 77007 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.*

Mapsco #87
65-08-9X
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 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

9) Casing:
Type: Old New ✓ Steel Plastic ✓ Other
Cemented from 240 ft. to 290 ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4"	0	290	

10) SCREEN:
Type S. S. Rod Base
Perforated Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2"	318	338	16ga

(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 6-12-75
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. Rossiyn (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

Water Well ID: 205396

MAP ID# 123 **Distance from Property: 2.31 mi. N**

STATE ID:	**65-14-432**
OWNER'S NAME:	**NEWSOM'S TRUCK LINES**
DATE DRILLED:	**00/00/1939**
DEPTH DRILLED:	**210'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.352900000**
LATITUDE:	**29.801970000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514432/6514432.pdf**

State ID: 65-14-432

Texas Water Development Board
Well Schedule

State Well Number 6514432 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294806 **Longitude** 952110 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Newsom's Truck Lines

Driller
Layne Texas Co.

Address _____ **Tenant/Oper.** _____

Date Drilled / /1939 **Depth** 210 **Source of Depth** **Altitude** 54 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION

Const-Method

Completion

Casing Material

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
1939
-64

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

Reporting Agency 01

REMARKS -
TWDB R178: Screen from 200 to 210 ft.

Aquifer - 112CHCTL **ID -** 15
CHICOT AQUIFER,LOWER

Thursday, November 30, 2006

Well Number - 6514432

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 124 **Distance from Property: 2.35 mi. SW**

ID NUMBER:	**TX214550**
STATE ID :	**65-23-7**
OWNER NAME:	**HOUSTON COMMUNITY COLLEGE**
DATE DRILLED:	**02/19/2001**
DEPTH DRILLED:	**24'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**TESTWELL**
LONGITUDE:	**-95.377186000**
LATITUDE:	**29.742228000**

1 PAGE(S) OF DRILLERS' LOGS

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
Houston Community Collage	3100 Main Street	Houston	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Harris	3100 Main Street	Houston	TX	

Lat. 29 | 44 | 32 Long. 95 | 22 | 36 Grid # 65-23-7

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning B-1/TSP-1

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 2/19/01
Completed 2/19/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.0	SURFACE	24.0

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

From (ft)	To (ft)	Description and color of formation material
0	1	CONCRETE & FILL
1	8	SILTY CLAY, brownish black
8	10	CLAY, reddish brown
10	15	SANDY SILT, brown & gray
15	19	SILTY SAND, lt. brown
19	20	CLAY, reddish brown
20	23	NO RECOVERY
23	24	CLAY, reddish brown

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

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
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
1	N	SCHL 40 PVC	0	10	
1	N	SCHL 40 PVC	10	20	0.010

9) Cementing Data
Cementing from 0 ft. to 24.0 ft. # of sacks used 2
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By RICARDO PADILLA
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged X Well plugged within 48 hours
Casing left in well: NONE Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used
		0	24.0	2

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

RECEIVED AUG 3 1 2001 SEO DESC CO CB

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level @ 16.0'
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
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 X 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
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] Licensed Driller/Pump Installer — 7/5/01 Date
Signature Ricardo Padilla Apprentice — 7 / 5 / 01 Date

ORIGINAL Copies to TDLR - Owner - Driller/Pump Installer

Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 124 **Distance from Property: 2.35 mi. SW**

ID NUMBER:	**TX214551**
STATE ID :	**65-23-7**
OWNER NAME:	**HOUSTON COMMUNITY COLLEGE**
DATE DRILLED:	**02/19/2001**
DEPTH DRILLED:	**24'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**TESTWELL**
LONGITUDE:	**-95.377186000**
LATITUDE:	**29.742228000**

1 PAGE(S) OF DRILLERS' LOGS

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
Houston Community Collage	3100 Main Street	Houston	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Harris	3100 Main Street	Houston	TX	

Lat. 29 | 44 | 32 Long. 95 | 22 | 36 Grid # 65-23-7

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning
B-2B/TSP-2B

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 2/19/01
Completed 2/19/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.0	SURFACE	24.0

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

From (ft)	To (ft)	Description and color of formation material
0	4	CONCRETE & FILL; black silty material
4	12	SILTY CLAY, grayish green
12	16	SILTY SAND, reddish brown
16	22	SAND, reddish brown
22	23	SANDY CLAY, reddish brown
23	24	CLAY, reddish brown

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

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
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
1	N	SCHL 40 PVC	0	14	
1	N	SCHL 40 PVC	14	24	0.010

9) Cementing Data
Cementing from 0 ft. to 24.0 ft. # of sacks used 2
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By RICARDO PADILLA
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged X Well plugged within 48 hours
Casing left in well: NONE Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used
		0	24.0	2

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

FILE ID SEQ 8 DESC CO AUG 31 2001 CO

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level @ 14.75'
Static level Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
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 X 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
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] Licensed Driller/Pump Installer — 7/5/01 Date
Signature Ricardo Padilla Apprentice — 7 / 5 / 01 Date

ORIGINAL

Copies to TDLR - Owner - Driller/Pump Installer

Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 124 **Distance from Property: 2.35 mi. SW**

ID NUMBER:	**TX214552**
STATE ID :	**65-23-7**
OWNER NAME:	**HOUSTON COMMUNITY COLLEGE**
DATE DRILLED:	**02/19/2001**
DEPTH DRILLED:	**24'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**TESTWELL**
LONGITUDE:	**-95.377204000**
LATITUDE:	**29.742228000**

1 PAGE(S) OF DRILLERS' LOGS

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
Houston Community Collage	3100 Main Street	Houston	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Harris	3100 Main Street	Houston	TX	

Lat. 29 | 44 | 32 Long. 95 | 22 | 36 Grid # 65-23-7

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning B-3B/TSP-3B

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 2/19/01
Completed 2/19/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.0	SURFACE	24.0

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

From (ft)	To (ft)	Description and color of formation material
0	10	CONCRETE & FILL; sandy & gravely Material
10	12	SILTY CLAY, grayish green
12	18	CLAY, reddish brown
18	24	CLAYEY SAND, lt. brown

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

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
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
1	N	SCHL 40 PVC	0	14	
1	N	SCHL 40 PVC	14	24	0.010

9) Cementing Data
Cementing from 0 ft. to 24.0 ft. # of sacks used 2
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By RICARDO PADILLA
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged X Well plugged within 48 hours
Casing left in well: NONE Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used
		0	24.0	2

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

CSG # DESC CO EMP 01 AUG 3 2001 COMMENT

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

11) Water Level @ 18.75'
Static level ft. below Date / /
Artesian Flow gpm. Date / /

15) Water Test N/A
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 X 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
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature [signature] Licensed Driller/Pump Installer — 7/5/01 Date
Signature Ricardo Padilla Apprentice — 7 / 5 / 01 Date

TDLR FORM 004WWD Copies to TDLR - Owner - Driller/Pump Installer Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

ORIGINAL

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 124 **Distance from Property: 2.35 mi. SW**

ID NUMBER:	**TX214549**
STATE ID :	**65-23-7**
OWNER NAME:	**HOUSTON COMMUNITY COLLEGE**
DATE DRILLED:	**02/19/2001**
DEPTH DRILLED:	**24'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**TESTWELL**
LONGITUDE:	**-95.377186000**
LATITUDE:	**29.742228000**

1 PAGE(S) OF DRILLERS' LOGS

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
Houston Community Collage	3100 Main Street	Houston	TX	

2) WELL LOCATION

County	Physical Address	City	State	Zip
Harris	3100 Main Street	Houston	TX	

Lat. 29 | 44 | 32 Long. 95 | 22 | 36 Grid # 65-23-7

3) Type of Work
☐ New Well ☐ Deepening ☐ Reconditioning B-3B/TSP-3B

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 2/19/01
Completed 2/19/01

Diameter of Hole

Dia. (in)	From (ft)	To (ft)
2.0	SURFACE	24.0

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

From (ft)	To (ft)	Description and color of formation material
0	4	CONCRETE/ FILL; black, sandy material
4	12	SILTY CLAY, grayish green
12	13	CLAY, reddish brown
13	20	SILTY CLAY, gray

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

8) Borehole Completion ☐ Open Hole ☐ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☒ Other PLUGGED
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
1	N	SCHL 40 PVC	0	10	
1	N	SCHL 40 PVC	10	20	0.010

9) Cementing Data
Cementing from 0 ft. to 20.0 ft. # of sacks used 2
ft. to ft. # of sacks used
Method Used TREMIE
Cementing By RICARDO PADILLA
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance

13) Plugged X Well plugged within 48 hours
Casing left in well: NONE Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used
		0	20.0	2

10) Surface Completion N/A
☐ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

EMPLACED AUG 3 , 2001 HARRIS CO

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

14) Typepump N/A
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

15) Water Test N/A
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 X 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
N/A	

Company or Individual's Name (type or print) BEST DRILLING SERVICES, INC. Lic. No. 4997-M
Address P.O. BOX 845 City FRIENDSWOOD State TX Zip 77549

Signature Licensed Driller/Pump Installer — 7/5/01 Date
Signature Ricardo Padilla Apprentice — 7/5/01 Date

TDLR FORM 004WWD ORIGINAL Copies to TDLR - Owner - Driller/Pump Installer

Form provided by Forms On-A-Disk, Inc. (Dallas, Texas ((214) 340-9429

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 125 **Distance from Property: 2.35 mi. NNE**

ID NUMBER:	**TX205319**
STATE ID :	**65-14-4E**
OWNER NAME:	**RAINBO BAKERY**
DATE DRILLED:	**08/12/1980**
DEPTH DRILLED:	**345'**
STATIC LEVEL:	**220'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.335243000**
LATITUDE:	**29.799875000**

2 PAGE(S) OF DRILLERS' LOGS

State of Texas
WATER WELL REPORT

and original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

For TDWR use only
Well No. 65-14-4E
Located on map Y
Received:

1) OWNER Rainbo Bakery (Name) Address Hwy 59 + Little York (Street or RFD) Houston (City) Tx (State) (Zip)

2) LOCATION OF WELL: County Harris app. 35 miles in [redacted] (N.E., S.W., etc.) Southeast direction from Spring (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 8-12-80

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface 0	345

From (ft.)	To (ft.)	Description and color of formation material
0	17	top soil + clay
17	25	sand
25	40	clay
40	50	sand
50	60	clay
60	78	sand
78	165	clay
165	198	sand
198	220	clay
220	240	sand
240	320	hard formation rock + clay
320	330	sand
330	345	hard formation clay + rock

RECEIVED
AUG 2 1982
(Use reverse side if necessary)

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	To	Gage Casing Screen
4	N	P.V.C. Well casing	0	335	
3 1/2	N	P.V.C. slotted screen	335	345	#6

CEMENTING DATA
Cemented from 0 ft. to 335 ft.
Method used Pressure
Cemented by O. R. Billings (Company or Individual)

9) WATER LEVEL:
Static level 220 ft. below land surface Date 8-13-80
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth
4 x 2 1/2 K-Packers - 332

11) TYPE PUMP: None
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) WELL TESTS: None
☐ 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 O. R. Billings (Type or Print) Water Well Drillers Registration No. 1929

ADDRESS 25330 Richard Rd. (Street or RFD) Spring (City) Texas (State) 77373 (Zip)

(Signed) O.R. Billings (Water Well Driller) All Weather Water Well 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
AUG 2 1982

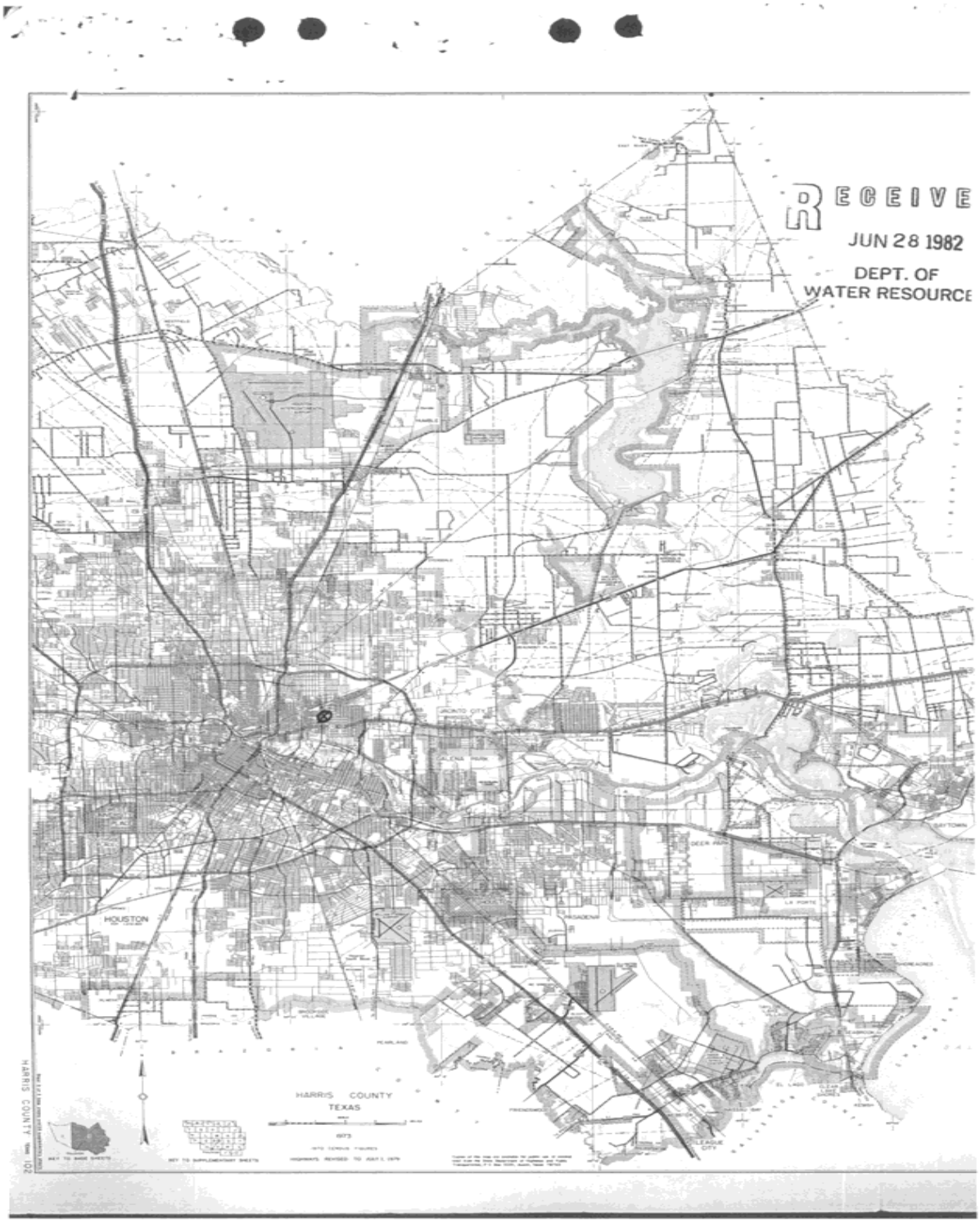
ATTACHMENT
65-14-4E

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 126 **Distance from Property: 2.37 mi. ENE**

ID NUMBER:	**TX205302**
STATE ID :	**65-14-8D**
OWNER NAME:	**HOUSTON LIGHTING & POWER**
DATE DRILLED:	**01/19/1982**
DEPTH DRILLED:	**1550'**
STATIC LEVEL:	**283'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.313042000**
LATITUDE:	**29.779282000**

2 PAGE(S) OF DRILLERS' LOGS


RECEIVED
JUN 28 1982
DEPT. OF
WATER RESOURCES
HOUSTON
HARRIS COUNTY
TEXAS
HARRIS COUNTY

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. 65-14-80
Located on map Yes
Received: C.R.S.

1) OWNER Houston Lighting & Power (Name) %Chris Clayton P.O. Box 1374 (Address) Houston (City) TX (State) 77001 (Zip)

2) LOCATION OF WELL: County Harris 4 miles in East (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 1-19-82

Dia. (in.)	From (ft.)	To (ft.)
20"	Surface	730
14"	630	1550

From (ft.) / To (ft.) — Description and color of formation material

See Attached Form

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☒ Underreamed ☒ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from 630 ft. to 1550 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
14	new	Stainless Steel Wire Wrap	630	1550	1040

CEMENTING DATA
Cemented from 730 ft. to 0 ft.
Method used Halliburton
Cemented by _____ (Company or Individual)

RECEIVED
JUN 28 1982
DEPT. OF WATER RESOURCES

9) WATER LEVEL:
Static level 283 ft. below land surface Date 2-27-82
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth
None

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: 2,000 gpm with 49 ft. drawdown after 48 hrs.

(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

I hereby certify that this well was drilled by 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 Ronney Clouse (Type or Print) Water Well Drillers Registration No. 2158

ADDRESS 6615 Gnat (Street or RFD) Houston (City) TX (State) 77068 (Zip)

(Signed) Ronney L. Clouse (Water Well Driller) Alsay-Texas Corporation (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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 127 **Distance from Property: 2.41 mi. NNW**

ID NUMBER:	**TX231040**
STATE ID :	**65-05-6GG**
OWNER NAME:	**V A BINHGAM**
DATE DRILLED:	**09/09/1973**
DEPTH DRILLED:	**299'**
STATIC LEVEL:	**160'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.368888000**
LATITUDE:	**29.799811000**

1 PAGE(S) OF DRILLERS' LOGS

6GG

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

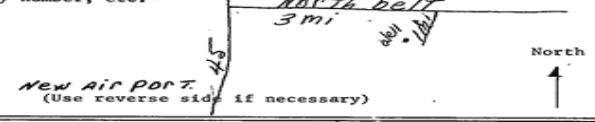
For TWDB use only
Well No. 6-5-05-6GG
Located on map Y or C
Received: 74

1) OWNER:
Person having well drilled V.A. Bigham (Name) Address 201 Coronado (Street or RFD) Houston (City) Texas (State)

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

2) LOCATION OF WELL:
County Harris, 6 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 3/4 in. Depth drilled 299 ft. Depth of completed well 299 ft. Date drilled Sept 9 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	10	Clay
10	22	Sand
22	104	Clay
104	131	Sand
131	206	Clay
206	230	Sand
230	270	Clay
270	299	Sand

(Use reverse side if necessary)

9) Casing:
Type: Old (New) Steel (Plastic) Other
Cemented from 10 Sacks ft. to 270 up ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4	0	270	W.W.
2½	258	279	STD

10) SCREEN:
Type Plastic wrapped
(Perforated) Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2½	279	299	.012

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

8) WATER LEVEL:
Static level 160 ft. below land surface Date Sept. 73
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? Air Compressor
Yield: 60 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 Company (Company Name)

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

*Additional instructions on reverse side.

TWDBE-WD-6

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 127 **Distance from Property: 2.41 mi. NNW**

ID NUMBER:	**TX208460**
STATE ID :	**N/A**
OWNER NAME:	**MR. V.A. BIGHAM**
DATE DRILLED:	**01/??/1973**
DEPTH DRILLED:	**580'**
STATIC LEVEL:	**285'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.368888000**
LATITUDE:	**29.799811000**

1 PAGE(S) OF DRILLERS' LOGS

end 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 NO
Received: 7-4
dc

1) OWNER:
Person having well drilled Mr V.A. Bigham (Name) Address 201 Coronado (Street or RFD) Houston (City) Texas (State)
Landowner (Name) Address (Street or RFD) (City) (State)

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

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*
INT 10
Well 2 Mi. North of Four Corners
SAN JACINTO INT 10
(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 580 ft. Depth of completed well 580 ft. Date drilled JAN 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	340	Sandy
340	560	Clay
560	580	Sand

(Use reverse side if necessary)

9) Casing:
Type: Old (New) Steel (Plastic) Other
Cemented from 560 - 10 SACKS ft. to ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4	0	560	SCD 40
2½	549	570	STD

10) SCREEN:
Type Stainless Steel
(Perforated) Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2½	570	580	.012

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

8) WATER LEVEL:
Static level 285 ft. below land surface Date 1-73
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., 357 ft. below land surface.

11) WELL TESTS:
Was a pump test made? (Yes) No If yes, by whom? Air Compressor
Yield: 30 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) 77581
(Signed) Orlen O'Day (Water Well Driller) O'Day Drilling Co. 786 (Company Name)

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

*Additional instructions on reverse side.

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 128 **Distance from Property: 2.41 mi. SE**

ID NUMBER:	**TX170153**
STATE ID :	**65-22-2C**
OWNER NAME:	**EDGEWOOD LITTLE LEAGUE**
DATE DRILLED:	**12/29/1964**
DEPTH DRILLED:	**106'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**NOT REPORTED**
LONGITUDE:	**-95.320742000**
LATITUDE:	**29.744470000**

1 PAGE(S) OF DRILLERS' LOGS

65-22-2C

FORM N 28

REPORT NO 7050
S O 2046-64
PAGE
FILE NO. 2973
DATE

LAYNE TEXAS COMPANY,

HOUSTON -:- DALLAS

WELL LOG

CUSTOMER LOCATION		WELL DATA	
FOR Edgewood Little League		NAME WELL Same	WELL NO. 1
LOCATION WELL Houston, Texas		ELEVATION	DATUM
SURVEY	FIELD	RT C	GR
COUNTY Harris	STATE Texas	TEST HOLE SIZE 6-3/4	TD 106'
OTHER LAND MARKS		DATE STARTED DRILLING	12-29-64
		DATE FINISHED DRILLING	12-29-64
		DRILLER C.H. Leneave	RIG NO. 28
		TYPE MUD	NO. SACKS
		ELECTRIC LOG	TYPE
		SURVEY	TYPE
		OTHER	

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
0		Surface			
17	17	Clay			
22	5	Red sand			
31	9	Red clay			
45	14	Fine sand			
58	13	Clay			
76	18	Sand gravel			
106	30	Clay			
T.D. 106'					

170153

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 129 **Distance from Property: 2.42 mi. W**

ID NUMBER:	**TX199632**
STATE ID :	**65-13-9**
OWNER NAME:	**BRH GARVER**
DATE DRILLED:	**06/29/1992**
DEPTH DRILLED:	**65'**
STATIC LEVEL:	**20'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.390793000**
LATITUDE:	**29.775265000**

2 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified mail to: Texas Water Commis | 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 BRN GARVER (Name) ADDRESS 5402 Lawndale Hstn TX 77023 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County HARRIS Studemont 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): ☐ Driven ☑ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other

6) WELL LOG:
Date Drilling: Started 6/24 1992 Completed 6/29 1992

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
12 3/4	Surface	60

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	Top Soil & Clay
22	25	Sand
25	36	Clay
36	55	Sand
55	70	Clay

3 WELLS TOTAL

(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
8	N	PVC	0	35	
8	N	PVC	35	55	.025

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used 8
____ ft. to ____ ft. No. of Sacks Used ____
Method used 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 20 ft. below land surface Date 6/29/92
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 ☐ Baller ☑ Jetted ☐ Estimated
Yield: 100 gpm with ____ ft. drawdown after ____ hrs.

RECEIVED JUL 28 1992 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 P O Box 874 (Street or RFD) Tomball (City) TX (State) 77377-0874 (Zip)

(Signed) Guy Bussell (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

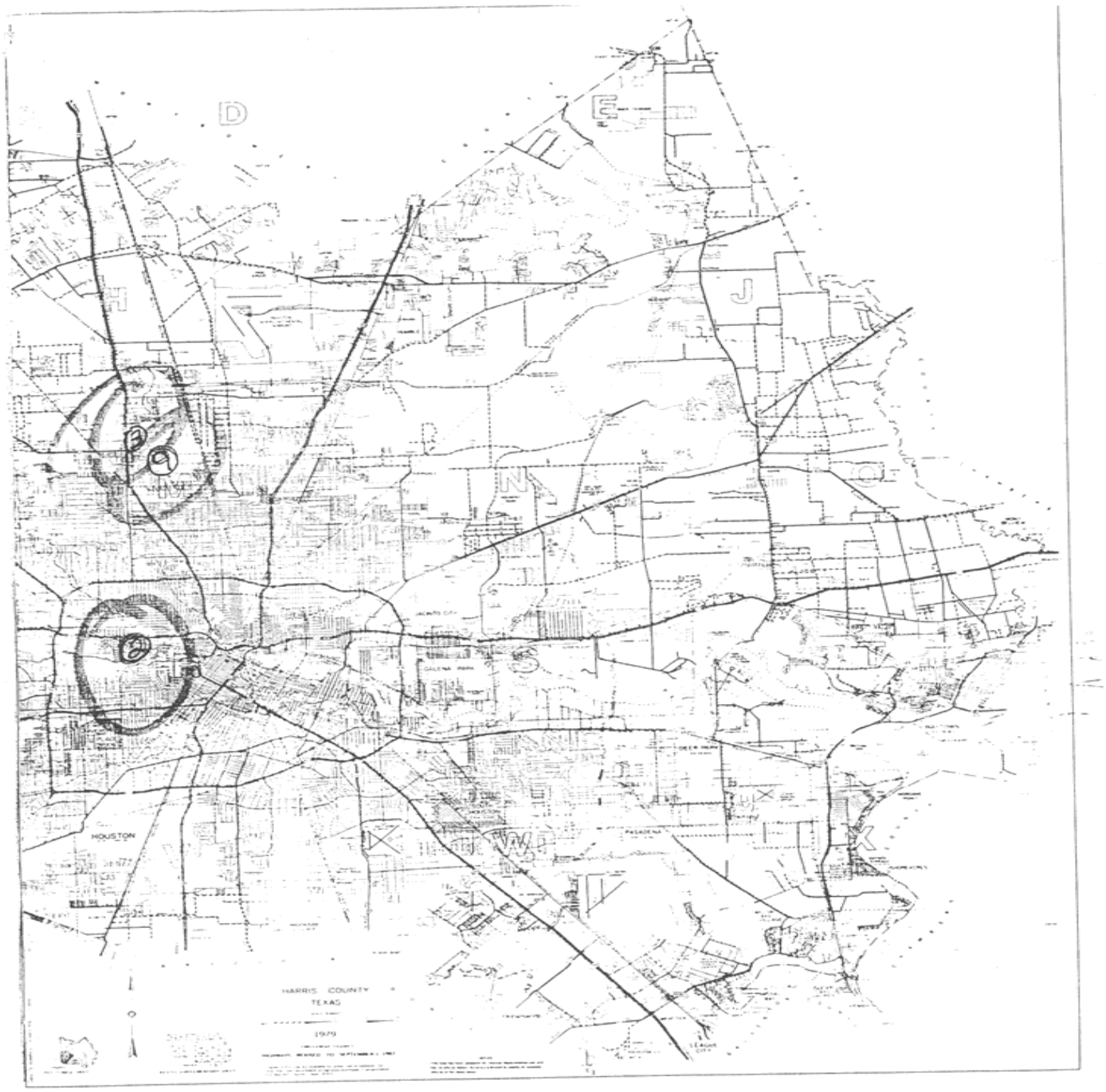
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 2 Located on map 65 113 19

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


HOUSTON
HARRIS COUNTY
TEXAS
1979

MAP ID# 130 **Distance from Property: 2.43 mi. W**

STATE ID:	**65-13-902**
OWNER'S NAME:	**WASHINGTON LAUNDRY**
DATE DRILLED:	**00/00/1936**
DEPTH DRILLED:	**487'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.391690000**
LATITUDE:	**29.767540000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513902/6513902.pdf**

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 - _____
Completion - _____
Casing Material - _____
Screen Material - _____

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

| 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	

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB R178: Screen from 447 to
487 ft.

Aquifer - 112CHCTL
Well No. - 65 13 902

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 131 **Distance from Property: 2.45 mi. NNE**

WELL ID:	**1086**
OWNERS NAME:	
YEAR DRILLED:	**1949**
DEPTH DRILLED:	**1980'**
STATIC LEVEL:	**999'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.335905000**
LATITUDE:	**29.801590000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 132 **Distance from Property: 2.45 mi. W**

STATE ID:	**65-13-921**
OWNER'S NAME:	**STANDARD RICE CO.**
DATE DRILLED:	**00/00/1908**
DEPTH DRILLED:	**853'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.391790000**
LATITUDE:	**29.763910000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513921/6513921.pdf**

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 - _____
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- 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- / /

| 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|

Reporting Agency -
REMARKS -
Screen from 806 to 848 ft. Well destroyed.

Aquifer - 121EVGL
Well No. - 65 13 921

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 133 **Distance from Property: 2.47 mi. W**

STATE ID:	**65-13-944**
OWNER'S NAME:	**CITY OF HOUSTON CENTRAL #22**
DATE DRILLED:	**01/22/1966**
DEPTH DRILLED:	**1644'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.391830000**
LATITUDE:	**29.762060000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513944/6513944.pdf**

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 101

Latitude: 29 45 41 N — Longitude: 095 23 29 — Sequential number: 1

Lat-long accuracy: 1 — T. ____ N — S. ____ R ____ W. Sec ____, ____, ____, ____

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) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — M

Use of water: (A) Air cond, (B) Bottling, (C) Comm, Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Ind, (P) PS, (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, (Z) Destroyed — W

DATA AVAILABLE: Well data 1 — Freq. W/L meas.: 1966 — Annual 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 — D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 1644 ft 1644 Meas. Reported 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., screen, sd. pt., (S) shored, (T) open hole, (W) 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, other — H

Date Drilled: 3-8-66 — 9 6 6 — Pump intake setting: ____ ft

Driller: Layne Texas Co. (name) . Houston, Texas (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, multiple (cent.), (M) multiple (turb.), (N) nose, piston, (R) rot, submerg, (S) turb, (T) other — T — Reported 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 — Accuracy: (source) Topo 5' — 3

Water Level 334.58 ft above below MP; Ft above below LSD — Accuracy: Meas. ____

Date meas: 9-30-68 — 9 6 8 — 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 095 d 23 m 29 s .1

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD [1] [19] Physiographic Province: coastal Plain [20] [21] 03 Section: [22]

[23] F Drainage Basin: [33] 5 1 R [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 [28] series [29] T aquifer, formation, group [30] [31] E

Lithology: [32] [33] Origin: [34] Aquifer Thickness: ft

[35] [37] Length of well open to: 473 ft [38] [40] 473 Depth to top of: ft [41] [43]

MINOR AQUIFER: system [44] series [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]

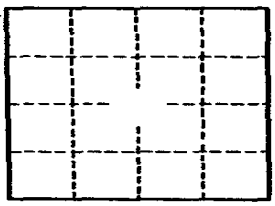
Surficial material: [70] [71] Infiltration characteristics: [72]

Coefficient Trans: ~ 150,000 gpd/ft [73] [75] Coefficient Storage: [76] [78]

Coefficient Perm: gpd/ft^2; 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
885.-919.6
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

CSG:
24" - 0-700' conc
14" 525-1644'
30" undereamed
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 ° ' " 29 45 41 | Longitude ° ' " 095 23 29 | Seq. No. 01

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 Wattel 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 | Station identification number 2945410952329 01 (1 / 2–9 / 10–16)

Y 76 M 02 D 11 (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	8000	01		8.0
Specific conductance	00095	5190	03		519
HCO_3	00440	2530	03		253
CO_3	00445	0000	01		0
Chloride (Cl)	00940	3400	02		34
Sulfate (SO_4)	00945	1400	02		14
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Water Resources Division
Austin, Texas

Latitude ° ' " 29 45 41 | Longitude ° ' " 095 23 29 | Seq. No. 01

County code 201 County Harris

Well # LJ-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 12 EVGL

Sample interval: (top) 700 (bottom) 1630

Water level ____ Appr ____ Use PS

Collector Nattel 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+80+

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	0+	
Yield (GPM)	00059			
Sample interval TOP	72015	7000	03	
Sample interval BOTTOM	72016	1630	0+	

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	26.0 est.			
pH	00400	7500	01		7.5
Specific conductance	00095	5030	03		503
HCO_3	00440	2400	03		244
CO_3	00445	0000	01		0
Chloride (Cl)	00940	3300	02		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 ° ' " 29 45 41 | Longitude ° ' " 095 23 29 01 | Seq. No.

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 CLEAN 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 2945410952329011 (2–16)

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	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	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				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

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 T
Herbicide — Insecticide —
Remarks:

Type 2 (1) Station identification number 29454109523290 1 (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	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		521
HCO_3	00440	2500	03		250
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				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

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

FOR City of Houston

LOCATION WELL Allen Parkway

SURVEY FIELD

COUNTY Harris STATE Texas

OTHER LAND MARKS Across the street from old Sears store.

WELL DATA

NAME WELL Central WELL NO. 22

ELEVATION DATUM

TYPE WELL Gravel Wall

SURFACE CASING CEMENTED Yes NO. SACKS 850 8% gel

SIZE HOLE UNDERREAMED DEPTH 680'-1645

GRAVEL TYPE 112, 113, 165 NO. CU. YDS 400

TYPE SCREEN 45 S.S.W.W. barlug GAGE .045

DRILLER L.S. LUthringer NO. 4

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. 1202

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

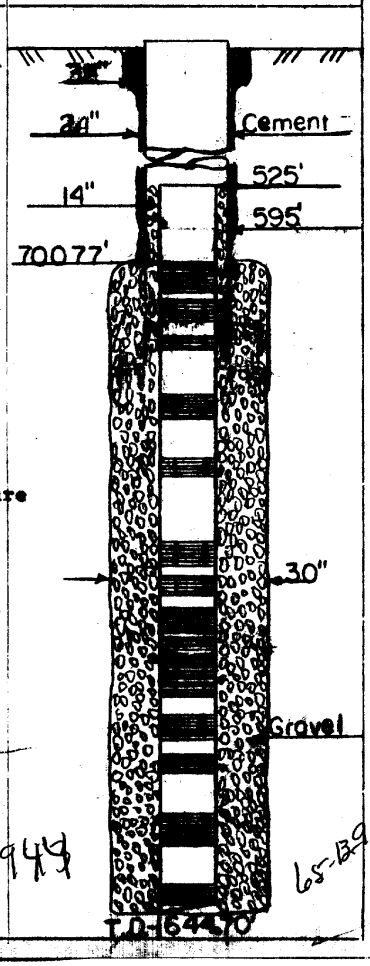
FOR: City of Houston
LOCATION WELL: Allen Parkway
SURVEY: FIELD:
COUNTY: Harris STATE: Texas
OTHER LAND MARKS: Across the street from old Sears stone.

WELL DATA

NAME WELL Central WELL NO. 22
ELEVATION DATUM
TYPE WELL Gravel Wall
SURFACE CASING CEMENTED Yes NO. SACKS 850 8% gel
SIZE HOLE UNDERREAMED 30 DEPTH 680-1645'
GRAVEL TYPE 112, 113, 165 NO. CU. YDS. 400
TYPE SCREEN 131 S.S.W.W. barlug SLOT .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 Preasure 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

65-13-9C

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 Bartag 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. 291.39 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							
								Sand
9:15	66	339		31.5	2759			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			
7:15	55	345		34	2873			
8:15	55	345		34	2873			

65-13-944

65-13-90

OBSERVERS

FOR OWNER FOR LAYNE TEXAS CO.

FORM NO. 28 -

REPORT NO. 7288
S. O. 2099-65
PAGE 2 of 3
FILE NO. 3073
DATE 3-25-66

LAYNE TEXAS COMPANY,

HOUSTON -:- DALLAS

WATER WELL TEST

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 Barlow 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			
8:15	53	347		35.5	2941			

65-13-944

OBSERVERS

FOR OWNER FOR LAYNE TEXAS CO.

65-13-90

FORM NO. 25 -

REPORT NO. 7288
S. O. 2099-65
PAGE 3 of 3
FILE NO. 3073
DATE 3-25-66

LAYNE TEXAS COMPANY,

HOUSTON -:- DALLAS

WATER WELL TEST

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	291.74							
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							
70	287.74							

65-13-944

OBSERVERS

FOR OWNER FOR LAYNE TEXAS CO.

65-13-90

FORM NO. 25 -

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/1) 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
Chloride	Cl	32	Magnesium Bicarbonate	29
Total Iron	Fe	0.06	Sodium Bicarbonate	246
			Sodium Sulfate	15
			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

5883

By: Edna Wood 65-13-9C

RI 7-7271 • P. O. BOX 14171 • 4820 OLD SPANISH TRAIL • HOUSTON, TEXAS 77021

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

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 lbp

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			

65-13-944

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

FOR City of Houston 7-11-66 MP
LOCATION WELL Allen Park Way 65-13-9C
SURVEY FIELD
COUNTY Harris STATE Texas
OTHER LAND MARKS

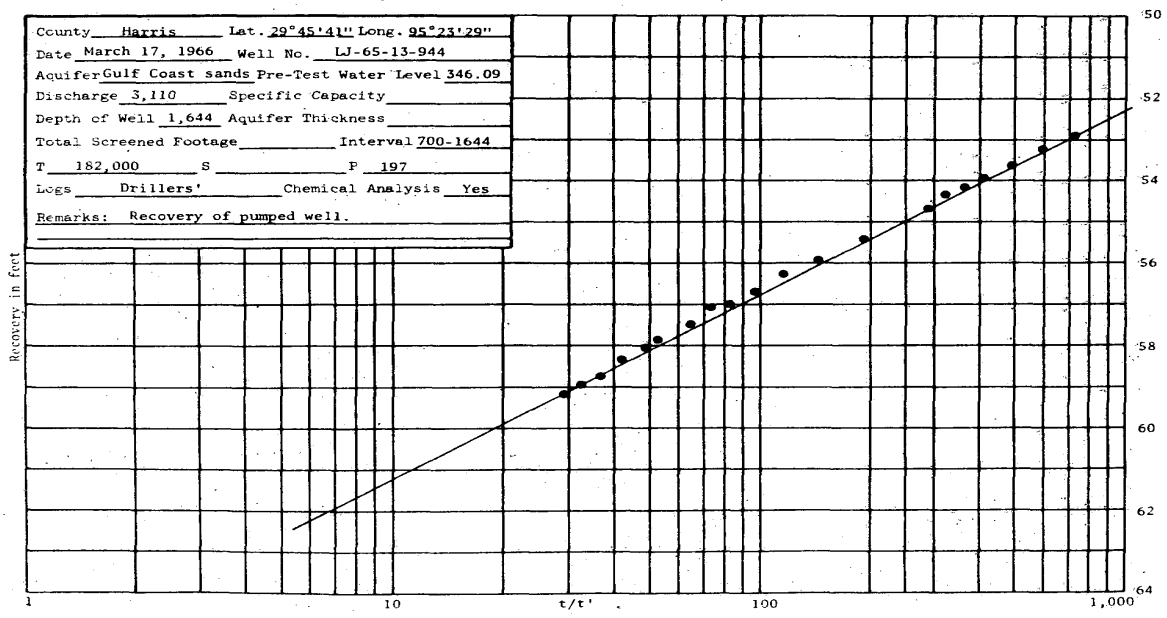
WELL DATA

NAME WELL WELL NO. #22
ELEVATION DATUM
RT GR
TEST HOLE SIZE 9 7/8-7 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

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			

65-13-944

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


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

- 228 -

MAP ID# 133 **Distance from Property: 2.47 mi. W**

PWSID:	**1010013**
SOURCE ID:	**G1010013O**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**01/26/1966**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.391586300**
LATITUDE:	**29.762002940**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 133 **Distance from Property: 2.47 mi. W**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294541095232901**
STATION NAME: **LJ-65-13-944**
SITE TYPE: **GW**
LATITUDE: **29.762060000** LONGITUDE: **-95.391830000**
DATE DRILLED: **03/08/1966**
WELL DEPTH: **1644 feet**
HOLE DEPTH: **1915 feet**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 133 **Distance from Property: 2.47 mi. W**

WELL ID:	**1023**
OWNERS NAME:	**HOUSTON, CITY OF**
YEAR DRILLED:	**1966**
DEPTH DRILLED:	**1644'**
STATIC LEVEL:	**700'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.391830000**
LATITUDE:	**29.762060000**
SOURCE:	**HGSD**

MAP ID# 134 **Distance from Property: 2.48 mi. NNE**

PWSID:	**1010013**
SOURCE ID:	**G1010013ND**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1940**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.329719540**
LATITUDE:	**29.799444200**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 134 **Distance from Property: 2.48 mi. NNE**

PWSID:	**1010013**
SOURCE ID:	**G1010013NC**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**07/00/1948**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.329719540**
LATITUDE:	**29.799444200**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 135 **Distance from Property: 2.49 mi. NNE**

STATE ID:	**65-14-507**
OWNER'S NAME:	**CITY OF HOUSTON KASHMERE GARDENS**
DATE DRILLED:	**00/00/1940**
DEPTH DRILLED:	**544'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.330370000**
LATITUDE:	**29.800030000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514507/6514507.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 507 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 47 58 Longitude - 95 19 47 Source of Coords - 3

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

Owner - City of Houston
Kashmere Gardens

Driller - McMasters & Pomeroy

Address _____ Tenant/Oper. _____
Date Drilled - / /1940 Depth - 544 ft. Source of Depth - R Altitude - 48 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 14 507

MAP ID# 135 **Distance from Property: 2.49 mi. NNE**

STATE ID:	**65-14-501**
OWNER'S NAME:	**CITY OF HOUSTON KASHMERE GARDENS**
DATE DRILLED:	**07/00/1948**
DEPTH DRILLED:	**1035'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.330370000**
LATITUDE:	**29.800030000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514501/6514501.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 501 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 47 58 Longitude - 95 19 47 Source of Coords - 3

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

Owner - City of Houston
Kashmere Gardens

Driller - Texas Water Wells

Address _____ Tenant/Oper. _____

Date Drilled - 07/ /1948 Depth - 1,035 ft. Source of Depth - D Altitude - 48 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_____

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- / /

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		

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 121EVGL
Well No. - 65 14 501

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 136 **Distance from Property: 2.50 mi. SSE**

ID NUMBER:	**TX199544**
STATE ID :	**65-22-1C**
OWNER NAME:	**C.D. THRELKELD**
DATE DRILLED:	**11/15/1962**
DEPTH DRILLED:	**50'**
STATIC LEVEL:	**15'**
WATER USAGE:	**HOME**
LONGITUDE:	**-95.335893000**
LATITUDE:	**29.733945000**

1 PAGE(S) OF DRILLERS' LOGS

65-22-1C

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. 65-22-1C
Located on map
By ____ Date 63
Map no. 102(2)

1) Well Owner: C. D. Threlkeld 4417 Coyle (Street or RFD) Houston (City) (State)

2) Land Owner: ____ (Street or RFD) ____ (City) ____ (State)

3) Intended use: Industrial ☐ ; Municipal ☐ ; Irrigation ☐ ; Other ☒ Home

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)

City limits of Houston - app ¼ mile N of Gulf freeway

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 Nov. 15- 62

All measurements made from 1 ft. above ground level.

From (ft)	To (ft)	Description and color of formation material
0	10	Surface
10	20	Red clay
20	35	White clay.
35	47	Red clay
47	50	Red Sand.

From (ft)	To (ft)	Description and color of formation material

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION

Straight wall ☒
Under reamed ☐
Gravel packed ☐
Open hole ☐
Other ____

CASING

Type: Old ☐ New ☒
Cemented from ✓ ft.
to ____ ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
0	40	
2"	0	47

SCREEN

Type open hole
Perforated ☐ Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (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.

Driller 12401 (Street) Kayla (City) Houston (State) 15 Reg. No. 241

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 15'
ft. below ____

Pumping level

feet	hours	gpm

Pump type Jet
Designed pumping rate 500 gpm ☐
Type power unit Electric
Horsepower 1/2
Depth to bowls, cylinder, jet, etc., ~~45'~~ 21' ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company: ____

34 (62-4)

MAP ID# 137 **Distance from Property: 2.50 mi. W**

TRACK #: **197988**
DATE ENTERED: **2009-11-03**
OWNER NAME: **GROCERS SUPPLY**
OWNER ADDRESS: **3131 E HOLCOMBE**
HOUSTON, TX 77021
COUNTY: **HARRIS**
LATITUDE: **29.773333000** LONGITUDE: **-95.392500000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=197988&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2009-10-19**
DRILLING DATE (COMPLETED): **2009-10-21**
DEPTH DRILLED: **337'**

WATER LEVEL:
STATIC LEVEL: **170'**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
INDUSTRIAL
COMPANY INFORMATION:
COMPANY NAME: **O'DAY DRILLING COMPANY, INC**
COMPANY ADDRESS: **5923 CR 931**
ROSHARON, TX 77583

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 138 **Distance from Property: 2.51 mi. ESE**

ID NUMBER:	**TX212784**
STATE ID :	**N/A**
OWNER NAME:	**TEXAS INDUSTRIAL PLATING**
DATE DRILLED:	**05/??/1971**
DEPTH DRILLED:	**658'**
STATIC LEVEL:	**288'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.310295000**
LATITUDE:	**29.758059000**

1 PAGE(S) OF DRILLERS' LOGS

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 6-71
Received:
Form GW 8
Form GW 9

1) OWNER:
Person having well drilled: Texas Industrial Plating (Name) Address: 5713 Armour Dr. Houston (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 (Circle as many as are known) Block No. Survey

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

Well is located on property on 5713 Armour Dr. in 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 6 in. Depth drilled 658 ft. Depth of completed well 658 ft. Date drilled May 71

All measurements made from 8 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	62	clay
62	75	sand
75	309	clay sand streaks
309	324	fine sand
324	360	clay
360	374	fine sand
374	405	clay
405	420	fine sand
420	447	clay
447	460	fine sand
460	533	clay
533	541	sand
541	594	clay
594	608	sand
608	623	clay
613	642	course sand
642	657	(Use clay use side if necessary)

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

8) WATER LEVEL:
Static level 288 ft. below land surface Date May 71
Artesian pressure lbs. per square inch Date

9) CASING:
Type: old ☒ New ☒ Steel ☐ Plastic ☐ Other ☐
Cemented from 350 ft. to 527 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
6	0	527	19#
liner			11#
4"	519	534	
4"	540	594	
4	608	616	

10) SCREEN:
Type
Perforated ☐ Slotted ☐

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size
4	534	540	14 ga
	594	608	16 ga
	616	642	18 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 Jacuzzi 15GM6-T2

Type Sub H.P. 15

Designed pumping rate 120 gpm ☐ x gph ☐

Type power unit electric

Depth to bowls, cylinder, jet, etc. 357 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 B.J. Swinehart (Type or Print) Water Well Drillers Registration No. 229

Address 7524 N. Freeway Houston, Texas 77037 (Street or RFD) (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.

GW

MAP ID# 138 **Distance from Property: 2.51 mi. ESE**

STATE ID:	**65-14-810**
OWNER'S NAME:	**TEXAS INDUSTRIAL PLATING**
DATE DRILLED:	**00/00/1971**
DEPTH DRILLED:	**658'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.310296000**
LATITUDE:	**29.758073000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514810/6514810.pdf**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 139 **Distance from Property: 2.53 mi. SSW**

ID NUMBER:	**TX205175**
STATE ID :	**N/A**
OWNER NAME:	**JUDSON ROBINSON & SONS**
DATE DRILLED:	**02/26/1979**
DEPTH DRILLED:	**80'**
STATIC LEVEL:	**20'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.360381000**
LATITUDE:	**29.731873000**

1 PAGE(S) OF DRILLERS' LOGS

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 NO
Received: 7 MAR 80

1) OWNER Judson Robinson & Sons (Name) Address 2905 Elgin (Street or RFD) Houston, TX 77004 (City) (State) (Zip)

2) LOCATION OF WELL: County Harris, 10 miles in S (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 2-26-79

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 1/2	Surface	80

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil
3	40	Clay
40	50	Sand
50	65	Clay
65	80	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	0	70	40
2	N	Everflo	70	80	006

CEMENTING DATA
Cemented from _____ ft. to _____ ft.
Method used _____
Cemented by _____ (Company or Individual)

9) WATER LEVEL:
Static level 20 ft. below land surface Date 2-26-79
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP:
☐ Turbin ☒ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 42 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

I hereby certify that this well was drilled by 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.

*Additional instructions on reverse side.
TDWR-0392

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

MAP ID# 140 **Distance from Property: 2.55 mi. SE**

STATE ID:	**65-22-204**
OWNER'S NAME:	**ABLE SUPPLY CO.**
DATE DRILLED:	**09/00/1953**
DEPTH DRILLED:	**282'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.320640000**
LATITUDE:	**29.741650000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522204/6522204.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 204 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 44 27 Longitude - 95 19 12 Source of Coords - 2

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

Owner - Able Supply Co. Driller - Briggs Pump Service

Address _____ Tenant/Oper. _____
Date Drilled - 09/ /1953 Depth - 282 ft. Source of Depth - R Altitude - 39 ft. Source of Alt. - M
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER Well Type - W User -
WELL CONSTRUCTION Const. Method - _____ Casing Material - _____
Screen Material - _____
Completion - _____

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 - 2.0

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- 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 22 204

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 141 **Distance from Property: 2.57 mi. NNE**

WELL ID:	**2334**
OWNERS NAME:	**FREEDMAN BROTHERS PACKING CO.**
YEAR DRILLED:	**1972**
DEPTH DRILLED:	**511'**
STATIC LEVEL:	**360'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.341926000**
LATITUDE:	**29.804876000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 142 **Distance from Property: 2.57 mi. N**

ID NUMBER:	**TX205392**
STATE ID :	**65-14-4J**
OWNER NAME:	**C.G. VAUGHN**
DATE DRILLED:	**04/12/1985**
DEPTH DRILLED:	**292'**
STATIC LEVEL:	**180'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.345374000**
LATITUDE:	**29.805405000**

1 PAGE(S) OF DRILLERS' LOGS

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 C. H. Vaughn (Name) Address 3025 Maddox (Street or RFD) Houston (City) Tex (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
X See attached map. — not attached

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	Dia. (in.)	From (ft.)	To (ft.)
4-12-85	6 3/4	Surface 0	292

From (ft.)	To (ft.)	Description and color of formation material
0	168	TS + Clay
168	193	Sand. L.W. Fresh
193	225	Clay
225	292	Sand 12-14

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other 2 Strings
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 well Casing	0	280	
2 1/2	N	" Screen	280	292	

CEMENTING DATA
Cemented from ft. to 280 ft.
Method used Pressure
Cemented by Hamel Otto (Company or Individual)

9) WATER LEVEL:
Static level 180 ft. below land surface Date 4-13-85
Artesian flow gpm. Date

10) PACKERS: Type 4X2½ K Packer Depth 275

RECEIVED
AUG 20 1985
DEPT. OF WATER RESOURCES

11) TYPE PUMP: ☐ Turbine ☐ Jet X Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc. 235 ft.

(Use reverse side if necessary)

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? ☐ Yes X No

12) WELL TESTS: ☐ Type Test: ☐ Pump ☐ Bailer X 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 All Water Wells (Type or Print) Water Well Driller's License No. 1929

ADDRESS 25330 Richal Rd (Street or RFD) Spring (City) Tex (State) 77386 (Zip)

(Signed) O R Billings (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. 65-14-4J
Located on map yes C-F-S-

TDWR-0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 143 **Distance from Property: 2.58 mi. ESE**

ID NUMBER:	**TX199549**
STATE ID :	**65-22-2A**
OWNER NAME:	**HOUSTON BARGE - SIDE WAREHOUSE**
DATE DRILLED:	**02/26/1965**
DEPTH DRILLED:	**253'**
STATIC LEVEL:	**120'**
WATER USAGE:	**WAREHOUSE**
LONGITUDE:	**-95.310943000**
LATITUDE:	**29.753290000**

1 PAGE(S) OF DRILLERS' LOGS

2A

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. 65-22-29
Located on map
By JW Date 4-3
Map no. 182 (2)

) Well Owner: Houston Barge - Side Warehouse, 506 N. Greenwood, Houston, Texas
(Name, Street or RFD, City, State)

) Land Owner: Same
(Name, Street or RFD, City, State)

) Intended use: Industrial ☐ Municipal ☐ Irrigation ☐ Other To furnish water for Warehouse

) 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 1

LOCATION OF WELL, SAME AS ABOVE ADDRESS

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

DRILLERS LOG OF WELL

thod of drilling: Rotary Diameter of hole 4" in. Date drilled Feb. 26, 1965

All measurements made from 0 ft. above ground level.

From (ft)	To (ft)	Description and color of formation material
0	9	Fill Dirt
9	29	Hard Yellow Clay
29	34	Fine Red Sand
34	72	Red Shale
72	96	Blue Mud Shale
96	162	Powder Sand
62	192	~~Sandy~~ Shale Brown
92	234	Stickey Shale
234	247	Sand,
247	253	Shale Sandy

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION
raight wall X
ler reamed ☐
avel packed ☐
en hole ☐
ier

CASING
Type: Old ☐ New ☒
Cemented from 0 ft.
to 235 ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
4"	0	235

SCREEN
Type LOP, STAINLESS
Perforated ☐ Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (ft)
2½"	234	247

I hereby certify that this well was drilled by 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 Lowry Water Wells Company Name Reg. No. 116

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

well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA

atic water level 120
. below

Pumping level feet	hours	gpm

Pump type Electric
Designed pumping rate gpm ☐ gph ☐
Type power unit Jacuzzi Submersible Pump
Horsepower 1½ HP
Depth to bowls, cylinder, jet, etc., 189 ft. below pump base.

of contractor testing well or installing permanent pump if other than your company:

(62-4) TX6522000

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

MAP ID# 143 **Distance from Property: 2.58 mi. ESE**

STATE ID:	**65-14-821**
OWNER'S NAME:	**HOUSTON BARGE CO.**
DATE DRILLED:	**00/00/1965**
DEPTH DRILLED:	**253'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.310944000**
LATITUDE:	**29.753304000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514821/6514821.pdf**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 144 **Distance from Property: 2.62 mi. NNE**

STATE ID:	**65-14-405**
OWNER'S NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**05/00/1949**
DEPTH DRILLED:	**2080'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.337670000**
LATITUDE:	**29.804670000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514405/6514405.pdf**

WRD Exp. (GW)
April 1966

Well No. LJ-65-14-405

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by W. L. Naftel Source of data Our Files Date Aug. 1947 Map Settegast 1955 1:24000

State Texas [48] County (or town) Harris [201]

Latitude 29 48 15 N Longitude: 095 20 17 Sequential number: 1

Lat-long accuracy: 1 T ___ N S, R ___ E W, Sec ___, ___, ___, ___

Local well number: LJ-65-14-405 Other number: B & M NORTH EAST #4

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) 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, (Q) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed. W

DATA AVAILABLE: Well data ___ Freq. W/L meas.: 1949 - - Semi Annual S Field aquifer char. ___

Hyd. lab. data: ___

Qual. water data; type: ___

Freq. sampling: 5-16-49 A Pumpage inventory: yes no, period: ___

Aperture cards: ___ yes

Log data: E log U-23 E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 2080 ft 2080 Meas. (rept) driller accuracy 6

Depth cased (first perf.) 1030 ft 1030 Casing type: S ; Diam. 24 x 12 in 24

Finish: (C) porous concrete, (E) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) open end, (P) perf., screen, sd. pt., shored, (S) 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: May 1949 9 4 9 Pump intake setting: ___ ft

Driller: Texas Water Wells, Inc. (name) Houston, Tex. (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, 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 ___ ft above/below LSD, Alt. MP 54

Alt. LSD: 50 50 Accuracy (source): 5' topo map 3

Water Level 182.32 ft 30 min 56 above/below MP; +43.5 Ft above/below LSD 1178 Accuracy: meas. A

Date meas: 5-16-49 5 4 9 Yield: 2400 gpm 2400 Method determined ___

Drawdown: 62 ft 62 Accuracy: tape USGS WO ___ 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.

Pl 344.67 / 182.32 / 62.35

Well No. LJ-65-[illegible]-405

Latitude-longitude 29 d 48 m 15 s 095 d 20 m 17 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1, 19)

Physiographic Province: Coastal Plains [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, (Φ) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat _____ (27) [F]

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: 1030 – 2060 55 screen

Depth to consolidated rock: _____ ft (60, 62) Source of data: _____ (64)

Depth to basement: _____ ft (63, 68) Source of data: _____ (69)

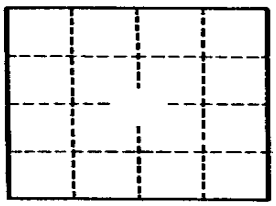
Surficial material: _____ (70, 71) Infiltration characteristics: _____ (72)

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
1030 – 1080
1100 – 1120
1130 – 1160
1320 – 1345
1395 – 1425
1440 – 1480
1695 – 1765
1795 – 1815
1895 – 1915
1960 – 2060

610' of 24" csg.
12" from 510 to 2080



Well No.

GPO 857–700

(11-74) UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020977

Latitude ° ' " 29 48 15 | Longitude ° ' " 095 20 17 | Seq. No. 01

County code 201 County HARRIS
Well # ~~LZ~~-LJ-65-14-405
Project number 7-4648-01000
Date 2-8-77 Time ____ Temp°C 30.5
Owner City of Houston
Address North East #4
Date drld 5-49 WBF code 21 EVGL
Sample interval: (top) 1030 (bottom) 2060
Water level — Appr Clear Use PS
Collector Peters Yield — GPM
Smpld aftr pmpg ____ Depth 2080
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 29 48 15 095 20 17 01 (2–16)

Y M D (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008	2080	04	
Yield (GPM)	00059			
Sample interval OP	72015	1030	04	
Sample interval BOTTOM	72016	2060	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	3050	02		30.5
pH	00400	8300	01		8.3
Specific conductance	00095	7880	03		788
HCO_3	00440	3560	03		356
CO_3	00445	0000	01		0
Chloride (Cl)	00940	8000	02		80
Sulfate (SO_4)	00945	2800	01		2.8
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31625				
Strep-tococci	31673				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Austin, Texas

Latitude ° ' " 29 48 15 | Longitude ° ' " 095 20 17 | Seq. No. 01

County code 201 County Harris

Well # LJ-65-14-405

Project number 5-461X-01000

Date 2-3-75 Time ____ Temp°C 30.0

Owner City of Houston

Address Northeast # 4

Date drld 5-49 WBF code 12 EVCL

Sample interval: (top) 1030 (bottom) 2060

Water level ____ Appr ____ Use PS

Collector Naftel Yield ____ GPM

Smpld aftr pmpg on arr. Depth 2080

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:

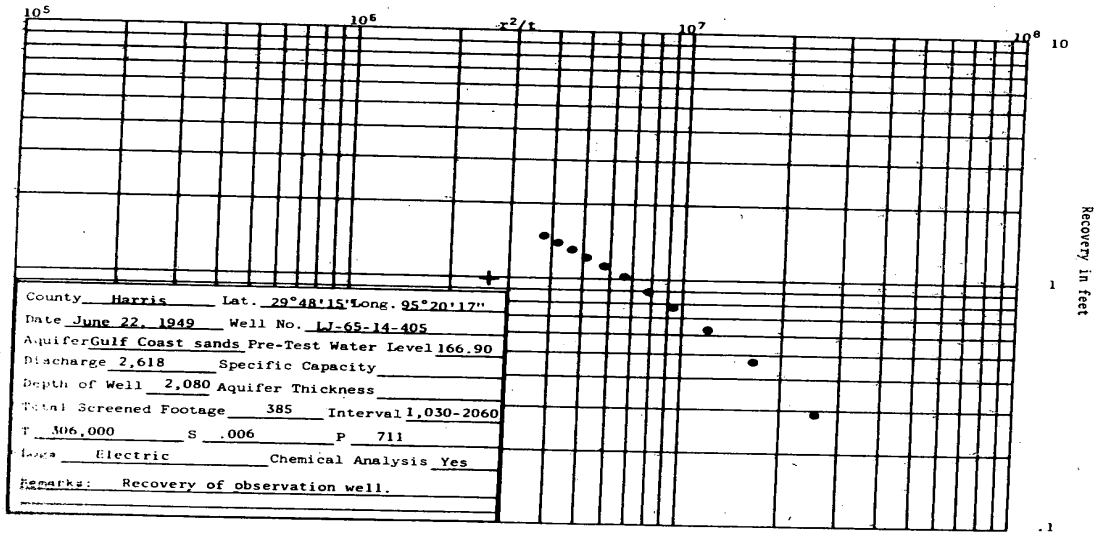
Type 2 | Station identification number 2948150952017011 (1–2, 2–9, 9–16)

Begin Y M D (22) | Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008	2080	04	
Yield (GPM)	00059			
Sample interval TOP	72015	1030	04	
Sample interval BOTTOM	72016	2060	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	30000	02		30.0
pH	00400	7800	01		7.8
Specific conductance	00095	7820	03		782
HCO_3	00440	3480	03		348
CO_3	00445	0000	01		0
Chloride (Cl)	00940	7900	02		79
Sulfate (SO_4)	00945	4000	01		40
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


10^5
10^6
r^2/t
10^7
10^8
10
1
.1
Recovery in feet
County Harris Lat. 29°48'15" Long. 95°20'17"
Date June 22, 1949 Well No. LJ-65-14-405
Aquifer Gulf Coast sands Pre-Test Water Level 166.90
Discharge 2,618 Specific Capacity
Depth of Well 2,080 Aquifer Thickness
Total Screened Footage 385 Interval 1,030-2060
T 306,000 S .006 P 711
Logs Electric Chemical Analysis Yes
Remarks: Recovery of observation well.

- 232 -

MAP ID# 144 **Distance from Property: 2.62 mi. NNE**

PWSID:	**1010013**
SOURCE ID:	**G1010013AI**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**05/00/1949**
SCREEN BOTTOM:	**2,060.00'**
SCREEN TOP:	**1,030.00'**
GALLONS PER MINUTE:	**2,000**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.337745670**
LATITUDE:	**29.804645540**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 144 **Distance from Property: 2.62 mi. NNE**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294815095201701**
STATION NAME: **LJ-65-14-405**
SITE TYPE: **GW**
LATITUDE: **29.804670000** LONGITUDE: **-95.337670000**
DATE DRILLED: **05/01/1949**
WELL DEPTH: **2080 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 144 **Distance from Property: 2.62 mi. NNE**

WELL ID:	**1085**
OWNERS NAME:	**HOUSTON, CITY OF**
YEAR DRILLED:	**1949**
DEPTH DRILLED:	**2080'**
STATIC LEVEL:	**735'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.337677000**
LATITUDE:	**29.804701000**
SOURCE:	**HGSD**

MAP ID# 145 **Distance from Property: 2.62 mi. W**

STATE ID:	**65-13-942**
OWNER'S NAME:	**AMERICAN GENERAL INS.**
DATE DRILLED:	**00/00/1963**
DEPTH DRILLED:	**1337'**
WATER USAGE:	
LONGITUDE:	**-95.394055000**
LATITUDE:	**29.760426000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513942/6513942.pdf**

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)

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			1090
8			1337

TDWR-0308

W/L Obs. Well W/O Obs. Well
State Well No. 65-13-942

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

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

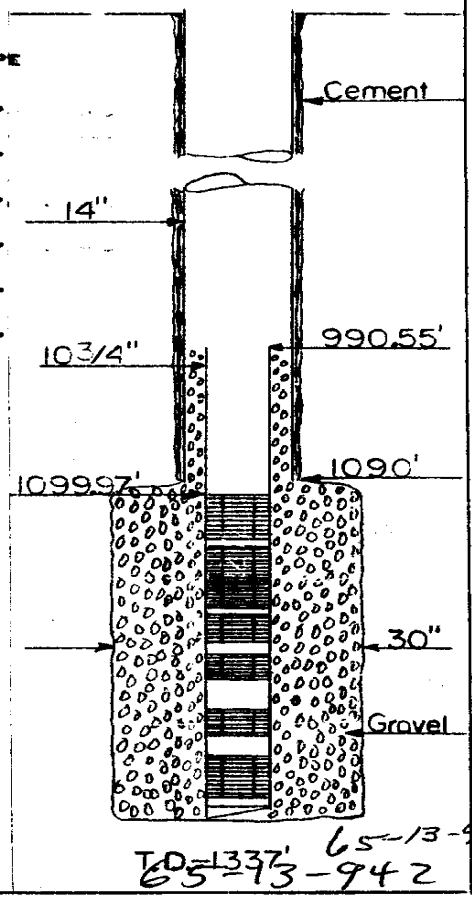
WELL DATA

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 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.

SKETCH



65-13-9A
65-13-942

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

REPORT NO. 6498
2426-63
PAGE 2 OF 2
2813
10-9-63

WATER WELL TEST

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. SIZE .040"
TEMPERATURE OF WATER
WATER - QUALITY CLEAR

WATER MEASURING DEVICE

ORIFICE SIZE 8"x6" LENGTH 5'
OTHER

TEST PUMP DATA

DEPTH SET 390'
LENGTH AIR LINE 400' SIZE 1/4"
TYPE BOWL WMC 12" NO. STAGES 9
LENGTH BOWL SUCTION PI

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 TAKEN
DRAWDOWN SPEC. CAPACITY

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
JOB 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 OF WELL WELL NO. 1
ELEVATION AT
WELL SIZE 14" - 8-5/8" x 30" UR
TD REPORTED 1337' TOP OF SCREEN 1099.97'
GRAVEL WELL YES STRAINER WELL
TYPE OF 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

TEST EQUIPMENT CAPACITY 390'
CASING SIZE 400' SIZE 1/4"
TYPE PUMP WMC 12" NO. STAGES 9
INSTALLED

SAND CONTENT 0 OZ. PER 100 GAL. WATER SAMPLE TAKEN YES NO. SAMPLES 1

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 PRESS.	PUMPING LEVEL	ORIFICE 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.

FORM NO. 25

65-13-9A
65-13-942

MICROBIOLOGY SERVICE LABORATORIES RI 7-7271 ~~RI-7-9170~~

analytical chemists . . . microbiologists 10 September 1963

[redacted]
Houston 21, Texas
4820 Old Spanish Trail

To: Layne Texas Company
Houston, Texas

SO 2426-63

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
Chloride	Cl	26	Magnesium Bicarbonate		45
Dissolved Iron ~~Total Iron~~	Fe	0.19	Sodium Bicarbonate		177
			Sodium Sulfate		11
			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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

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
Chloride	Cl	26	Magnesium Bicarbonate		40
Total Iron	Fe	0.14	Sodium Bicarbonate		201
			Sodium Sulfate		3
			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

65-13-94

65-13-942

FORM NO. 28

65-13-942

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 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

OK

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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

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 65-13-942

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

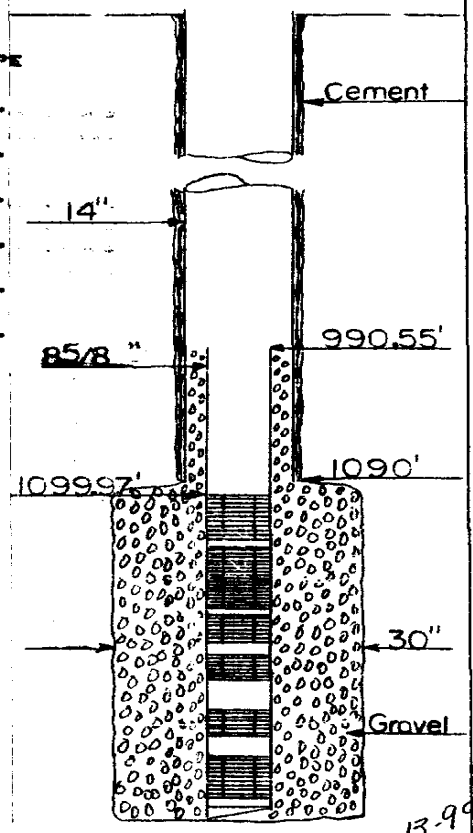
WELL DATA

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.

SKETCH



65-13-942

REPORT NO 6498
S. O. 2426-63
PAGE 2 OF 2
FILE NO 2813
DATE 10-9-63

LAYNE TEXAS COMPANY.

HOUSTON -:- DALLAS

WATER WELL TEST

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

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 SAMPLE TAKEN
DRAWDOWN SPECIFIC CAPACITY

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

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" - 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
THOS BRYANT, ARCHT. REPRESENTATIVE FOR OWNER

GUY PATTON FOR LAYNE TEXAS CO.

FORM NO. 25

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
Chloride	Cl	26	Magnesium Bicarbonate		40
Total Iron	Fe	0.14	Sodium Bicarbonate		201
			Sodium Sulfate		3
			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

65-13-942

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
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.

Hodges
2 Page
attach
65-13-9xx

65-13-942

State 65-13-942 65-13-9w

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

CK

WELL DATA

NAME WELL WELL NO 1
ELEVATION DATUM
RT 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
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

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 145 **Distance from Property: 2.62 mi. W**

WELL ID:	**1670**
OWNERS NAME:	**AMERICAN GENERAL LIFE INS. CO.**
YEAR DRILLED:	**1963**
DEPTH DRILLED:	**1337'**
STATIC LEVEL:	**999'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.394059000**
LATITUDE:	**29.760428000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 146 **Distance from Property: 2.65 mi. E**

STATE ID:	**65-14-807**
OWNER'S NAME:	**INDUSTRIAL TOWEL AND UNIFORM CO.**
DATE DRILLED:	**00/00/1963**
DEPTH DRILLED:	**548'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.306612000**
LATITUDE:	**29.764572000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514807/6514807.pdf**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 146 **Distance from Property: 2.65 mi. E**

WELL ID:	**1791**
OWNERS NAME:	**CINTAS CORPORATION**
YEAR DRILLED:	**1963**
DEPTH DRILLED:	**434'**
STATIC LEVEL:	**347'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.306614000**
LATITUDE:	**29.764576000**
SOURCE:	**HGSD**

MAP ID# 147 **Distance from Property: 2.66 mi. S**

STATE ID:	**65-22-130**
OWNER'S NAME:	**CITY OF HOUSTON SCOTT STREET #7**
DATE DRILLED:	**00/00/1963**
DEPTH DRILLED:	**1725'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.350370000**
LATITUDE:	**29.729173000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522130/6522130.pdf**

WRD Exp. (GW)
April 1966

Well No. LJ-65-22-130

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD (T. BROWN) Source 1:24000

Record by R.K. GARRY (1-24-64) Source of data FILES Date 2-23-68 Map Park Place 1955

State TEXAS 48 County (or town) Harris LJ

Latitude: 29 43 43 N Longitude: 095 21 00 Sequential number: 1

Lat-long accuracy: 1 T. ____ S, R ____ W, Sec ____, ____, ____, ____

Local well number: LJ-65-22-130 Other number: Scott St. B & H 7

Local use: ____ Owner or name: City of Houston In plant yard

Owner or name: CITY OF HOUSTON Address: ____

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) Ind, (P) P.S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Dessal-P S, (Y) Dessal-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.: 1964 - Semi Annual S Field aquifer char. ____

Hyd. lab. data: ____

Qual. water data; type: ____

Freq. sampling: 2-8-64 A Pumpage inventory: yes / no, period: ____

Aperture cards: ____ yes

Log data: E-LOG BB-54 To 2010' E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1,725 ft 1725 Meas. (Rept) Driller accuracy 3

Depth cased; (first perf.) 705 ft 705 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., screen, sd. pt., (S) shored, (T) 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: DEC.-1963 2 6 3 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, submerg, (S) (T) turb, (Z) other — T; (Deep) Shallow — D

Power (type): diesel, (elec) nat gas, gasoline, hand, gas, wind; LP H.P. 300 — W; Trans. or meter no. ____

Descrip. MP ____ 67 ft above below LSD. Alt. MP 51.7'

Alt. LSD: 45' 4 5 Accuracy: (source) 5' TOPO — 3

Water Level 100 min. 282.88 ft above below MP; ft above below LSD 2 7 6 Accuracy: MEAS. — A

Date meas: 2-8-64 2 6 4 Yield: 2313 gpm 2 9 1 7 Method determined — 4

Pt. 326-5

Drawdown: 43 ft 4 3 Accuracy: MEAS. 0 Pumping period 48 hrs 4 8

QUALITY OF WATER DATA: Iron ____ ppm Sulfate ____ ppm Chloride ____ ppm Hard. ____ ppm

Sp. Conduct ____ K x 10^6 Temp. 83.3°F 8 3 Date sampled 2-8-64

Taste, color, etc. ____

Well No. LJ-65-22-130

Well No. LJ-65-22-130

Latitude-longitude 29 d 43 m 43 s N 095 d 21 m 00 s W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD [1] Physiographic Province: COASTAL PLAINS [20-21] 03 Section: W. Gulf Coastal Plain [22] F Drainage Basin: [23-25] 511 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: 391 ft [38-40] 531 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: 705-725, 742-769, 832-858, 874-878, 881-913, 964-974 [59]

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:
984-1009
1054-1079
1119-1149
1344-1363
1365-1399
1454-1485
1485-1509
1530-1570
1595-1620
1690-1715

Cemented Gravel wall

Recovery test made by USGS

600' of 24" csg.

Well No. LJ-65-22-130

GPO 857-700

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. 65-22-1d
Located on map
By MW Date 4-8-65
Map no. 702(2)

1) Well Owner: City of Houston, (Name) (Street or RFD) Houston, Texas (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 League Labor Abstract No.

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

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

Well located at 3100 Scott Street.

City of Houston
(Scott Street #7)
Houston, Texas
Job # 1349-64

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 9-7/8 in. Date drilled January - 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
		SEE ATTACHMENT			

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION

Straight wall ☐
Under reamed ☒
Gravel packed ☒
Open hole ☐
Other

CASING

Type: Old ☐ New ☒
Cemented from ft.
to ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
SEE ATTACHMENT		

SCREEN

Type S.S. Wire wrapped
Perforated ☐ Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (ft)
SEE ATTACHMENT		

I hereby certify that this well was drilled by 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
SEE ATTACHMENT		

Pump type Pump not furnished by Texas Water Wells, Inc.
Designed pumping rate gpm ☐ gph ☐
Type power unit
Horsepower
Depth to bowls, cylinder, jet, etc., ft. below pump base.

RECEIVED
DEC 21 1964
TEXAS WATER COMMISSION
AUSTIN, TEXAS

Name of contractor testing well or installing permanent pump if other than your company:

C-34 (62-4)

65-22-130

WATER SUPPLY, DEEP WELLS AND PUMPS — A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.

TWO-GRAVEL-WALL WELLS

951 MCCARTY DRIVE, HOUSTON 29, TEXAS, PHONE OR-2-7581

February 1964

City of Houston
Scott Street

Weber Well No. 7

Date Started 2-6-64
Orifice: 10 x 12
Airline: 257
Static Level: 223

PUMPING TEST:

TIME		HEAD IN INCHES	PUMPING LEVEL	G.P.M.
9:30		Started		
10:30		32 1/2"	225'	2866
11:30		32 1/2"	226'	2866
12:30	PM	32 "	226'	2762
1:30		31 1/2"	227'	2762
2:30		31 1/2"	228'	2762
3:30		31 1/2"	228'	2762
4:30		31 1/2"	230'	2762
5:30		31 1/2"	231'	2762
6:30		32 "	231'	2762
7:30		32 "	230'	2762
8:30		32 1/2"	231'	2866
9:30		32 1/2"	231'	2866
10:30		33 "	231'	2866
11:30		33 1/2"	231'	2866
12:30	AM	33 "	232'	2866
1:30		33 "	232'	2866
2:30		33 "	232'	2866
3:30		33 "	231'	2866
4:30		33 1/2"	230'	2866
5:30		33 "	231'	2762
6:30		33 "	231'	2762
7:30		34 "	231'	2762
8:30		34 "	232'	2762
9:30		34 1/2"	232'	2866
10:30		34 1/2"	232'	2866
11:30		34 1/2"	232'	2866
12:30	PM	34 1/2"	232'	2866
1:30		34 1/2"	232'	2866

MEMBER TEXAS WATER WELL DRILLING CONTRACTORS ASSOCIATION

65-22-130

attached 2 pages 65-22-12

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

February 1964

City of Houston
Scott Street

Page No. 2

Water Well No. 7

PUMPING TEST(cont'd)

TIME	HEAD IN INCHES	PUMPING LEVEL	G.P.M.
2:30	34 1/2"	322'	2826
3:30	32 1/2"	332'	2850
4:30	32 1/2"	332'	2850
5:30	32 1/2"	332'	2850
6:30	32 "	332'	2850
7:30	32 "	332'	2850
8:30	34 "	332'	2872
9:30	32 "	332'	2760
10:30	32 "	332'	2760
11:30	32 "	332'	2760
12:30	32 "	332'	2760
1:30	33 "	332'	2838
2:30	33 "	332'	2838
3:30	33 "	332'	2838
4:30	32 "	332'	2760
5:30	33 "	332'	2838
6:30	34 1/2"	332'	2826
7:30	36 "	332'	2904
8:30	35 "	332'	2949
9:30	33 1/2"	331'	2850

Recovery	
5 Min.	291'
10 Min	299'
15 Min	299
20 Min	299
25 Min	288
30 Min	288
35 Min	288

65-22-12

65-22-130

February 1964

City of Houston
Scott Street

Page No. 2

Water Well No. 7

PUMPING TEST (Cont'd)

TIME	HEAD IN INCHES	PUMPING LEVEL	G.P.M.
40		326	
45		327	
50		327	
55		327	
1 Hour		327	
1:10		327	
1:20		327	
1:30		327	
1:40		327	
Started Pump			
12:50			
1:30	32 1/2	327'	2006
2:30	34 1/2	327 1/2	2006

65-22-12
65-22-130

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

January 1964

City of Houston
Ezekiel Elevald
Houston, Texas

Water Well No. 7

SETTING DATA

SURFACE CASING:

SET AND CEMENTED IN PLACE 922' of 24" O.D., 375" W.T.
Plain End Line Pipe

SCREEN AND BLANK LINER:

FROM	TO	DESCRIPTION
687	705	18' of 12 3/4" Blank Liner
705	725	20' of 12 3/4" Screen
725	750	25' of 12 3/4" Blank Liner
750	770	20' of 12 3/4" Screen
770	840	70' of 12 3/4" Blank Liner
840	860	20' of 12 3/4" Screen
860	875	15' of 12 3/4" Blank Liner
875	920	45' of 12 3/4" Screen
920	965	45' of 12 3/4" Blank Liner
965	975	10' of 12 3/4" Screen
975	985	10' of 12 3/4" Blank Liner
985	1010	25' of 12 3/4" Screen
1010	1055	45' of 12 3/4" Blank Liner
1055	1080	25' of 12 3/4" Screen
1080	1120	40' of 12 3/4" Blank Liner
1120	1150	30' of 12 3/4" Screen
1150	1245	195' of 12 3/4" Blank Liner
1245	1400	55' of 12 3/4" Screen
1400	1455	55' of 12 3/4" Blank Liner

65-22-1d
65-22-130

MEMBER TEXAS WATER WELL DRILLING CONTRACTORS ASSOCIATION

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

City of Houston
Scott Street
Houston, Texas

Water Well No. 7

Setting Data (Cont'd)

FROM	TO	DESCRIPTION
1455	1510	55' of 12 3/4" Screen
1510	1530	20' of 12 3/4" Blank Liner
1530	1570	40' of 12 3/4" Screen
1570	1595	25' of 12 3/4" Blank Liner
1595	1620	25' of 12 3/4" Screen
1620	1690	70' of 12 3/4" Blank Liner
1690	1715	25' of 12 3/4" Screen
1715	1725	10' of 12 3/4" Blank Liner

Last attach
65-22-1d
65-22-130

(11-74) Water Resources Division Austin, Texas

021401

Latitude ° ' " 29 43 43 | Longitude ° ' " 095 21 00 | Seq. No. 01

County code 201 County Harris

Well # LJ-65-22-130

Project number 7-4648-01000

Date 5-17-77 Time — Temp°C 26.0

Owner City of Houston

Address Scott St. #7

Date drld — WBF code 121 Evgl

Sample interval: (top) 705 (bottom) 1715

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

Std chem schedule I

Other

Herbicide Insecticide

Remarks:

Type 2 | Station identification number 29434309521001

Y M D 77 05 17 (Begin) Time of measurement

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	7050	03	
Sample interval BOTTOM	72016	1715	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	7800	01		7.8
Specific conductance	00095	5430	03		543
HCO_3	00440	2600	03		260
CO_3	00445	0000	01		0
Chloride (Cl)	00940	3800	02		38
Sulfate (SO_4)	00945	1500	02		15
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31625				
Strep-tococci	31673				
BOD	00310				

65-22-130

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017576

Latitude ° ' " 29 43 43 | Longitude ° ' " 095 21 00 | Seq. No. 01

County code 201 County Harris

Well # LJ-65-22-130

Project number 4645-01000

Date 7-6-76 Time — Temp°C 26.0

Owner City of Houston

Address Scott St. #7

Date drld — WBF code 121 EVGL

Sample interval: (top) 705 (bottom) 1715

Water level — Appr/clear Use PS

Collector Weibel 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 | Station identification number 29 43 43 095 21 00 01 (1 2 9 16)

Y M D: 76 02 06 (17 Begin 22)

Time of measurement (29 32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	7050	03	
Sample interval BOTTOM	72016	1715	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	8100	01		8.1
Specific conductance	00095	5420	03		542
HCO_3	00440	2590	03		259
CO_3	00445	0000	01		0
Chloride (Cl)	00940	3800	02		38
Sulfate (SO_4)	00945	1200	02		12
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				
					65-22-130

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

(11-74) Water Resources Division Austin, Texas

Latitude 29°43'43" Longitude 095°21'00" Seq. No. 01

County code 201 County Harris

Well # LJ-65-22-130

Project number 5-4648-01000

Date 2-4-75 Time ____ Temp°C 26.0

Owner City of Houston

Address Scott St. #7

Date drld 12-63 WBF code 121EVGL

Sample interval: (top) 705 (bottom) 1715

Water level ____ Appr ____ Use PS

Collector Naftel Yield ____ GPM

Smpld aftr pmpg on arrival Depth 1725

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 29 43 43 095 21 00 01 (2–16)

Y 75 M 02 D 04 (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008	1725	04	
Yield (GPM)	00059			
Sample interval TOP	72015	7050	03	
Sample interval BOTTOM	72016	1715	04	

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2600	02		
pH	00400	7700	01		7.7
Specific conductance	00095	5320	03		53
HCO_3	00440	2520	03		25
CO_3	00445	0000	01		0
Chloride (Cl)	00940	3600	02		36
Sulfate (SO_4)	00945	1800	02		18
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

65-22-130

Latitude ° ' " 29 43 43 | Longitude ° ' " 095 21 00 | Seq. No. 1

County code 101 County HARRIS

Well # LJ 65-22-130

Project number T4648-01000

Date 9-23-76 Time 1530 Temp°C 28.5

Owner CITY OF HOUSTON.

Address SCOTT #7

Date drld 12/1963 WBF code EVGL.

Sample interval: (top) 705 (bottom) 1750

Water level — Appr CLEAN Use PS

Collector BEZANT Yield 1765 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

Std chem schedule I

Other ____

Herbicide ____ Insecticide ____

Remarks:

Type 2 (1) Station identification number 29434309521 0001 (2–16)

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	7050	03	
Sample interval BOTTOM	72016	1750	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	7800	01		7.8
Specific conductance	00095	5560	03		556
HCO_3	00440	2720	03		272
CO_3	00445	0000	01		0
Chloride (Cl)	00940	3500	02		35
Sulfate (SO_4)	00945	1200	02		12
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

65-22-130

WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.

TRU-GRAVEL-WALL WELLS

951 MCCARTY DRIVE, HOUSTON 29, TEXAS, PHONE OR-2-7581

January 1964

City of Houston
Scott Street
Houston, Texas

Water Well No. 7

DRILLER'S LOG

FROM	TO	FORMATION
0	9	Rotary to Ground
9	12	Surface
12	218	Red Clay streaked Sand
218	382	Sand & Clay
382	420	Shale
420	490	Sand streaked Shale
490	545	Shale streaked sand
545	604	Sand streaked Shale
604	668	Shale streaked Sand
668	698	Sand
698	706	Shale
706	724	Sand
724	741	Shale
741	805	Sand streaked shale
805	828	Shale
828	854	Sand Streaked Shale
854	969	Shale
969	1011	Sand
1011	1045	Shale
1045	1101	Sand
1101	1114	Shale
1114	1154	Sand
1154	1341	Shale streaked sand

RECEIVED

DEC 21 1964

TEXAS WATER COMMISSION

AUSTIN, TEXAS

MEMBER TEXAS WATER WELL DRILLING CONTRACTORS ASSOCIATION

65-22-12

65-22-130

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

City of Houston
Scott Street
Houston, Texas

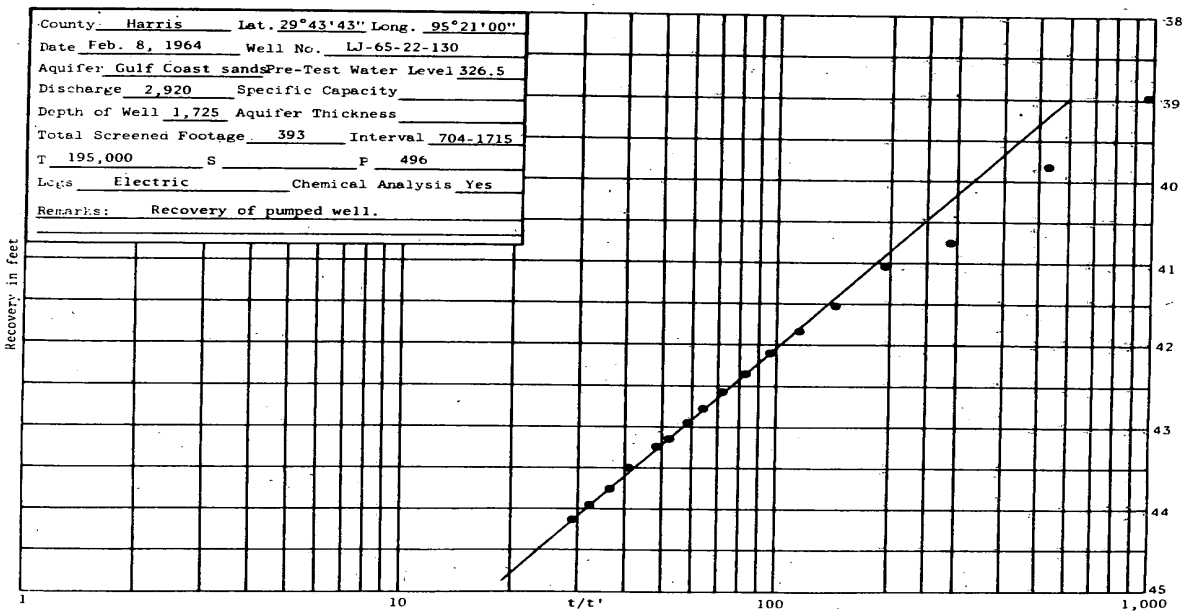
Water Well No. 7

DRILLER'S LOG (Cont'd)

FROM	TO	FORMATION
1341	1428	Sand streaked Shale
1428	1625	Sand
1625	1690	Shale
1690	1745	Sand streaked Shale
1745	1843	Shale
1843	1830	Sand
1830	1872	Sand
1872	2010	Shale streaked Sand

65-22-1d
130

County Harris Lat. 29°43'43" Long. 95°21'00"
Date Feb. 8, 1964 Well No. LJ-65-22-130
Aquifer Gulf Coast sands Pre-Test Water Level 326.5
Discharge 2,920 Specific Capacity
Depth of Well 1,725 Aquifer Thickness
Total Screened Footage 393 Interval 704-1715
T 195,000 S P 496
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.



- 247 -

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 147 **Distance from Property: 2.66 mi. S**

STATE ID:	**65-22-106**
OWNER'S NAME:	**CITY OF HOUSTON SCOTT ST. #5**
DATE DRILLED:	**11/15/1938**
DEPTH DRILLED:	**957'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.350370000**
LATITUDE:	**29.729171000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522106/6522106.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6522106 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294342 **Longitude** 952059 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
City of Houston
Scott St. #5

Driller
Layne Texas Co.

Address _____ **Tenant/Oper.** _____

Date Drilled 11/15/1938 **Depth** 957 **Source of Depth** D **Altitude** 44 **Source of Alt.** M

Well Type W **User** 396200

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 -** E **Other Data -** A

WATER LEVELS

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency 02

REMARKS -
Measured discharge 1770 GPM in 1939. Aquifer test data in TWDB R-98.

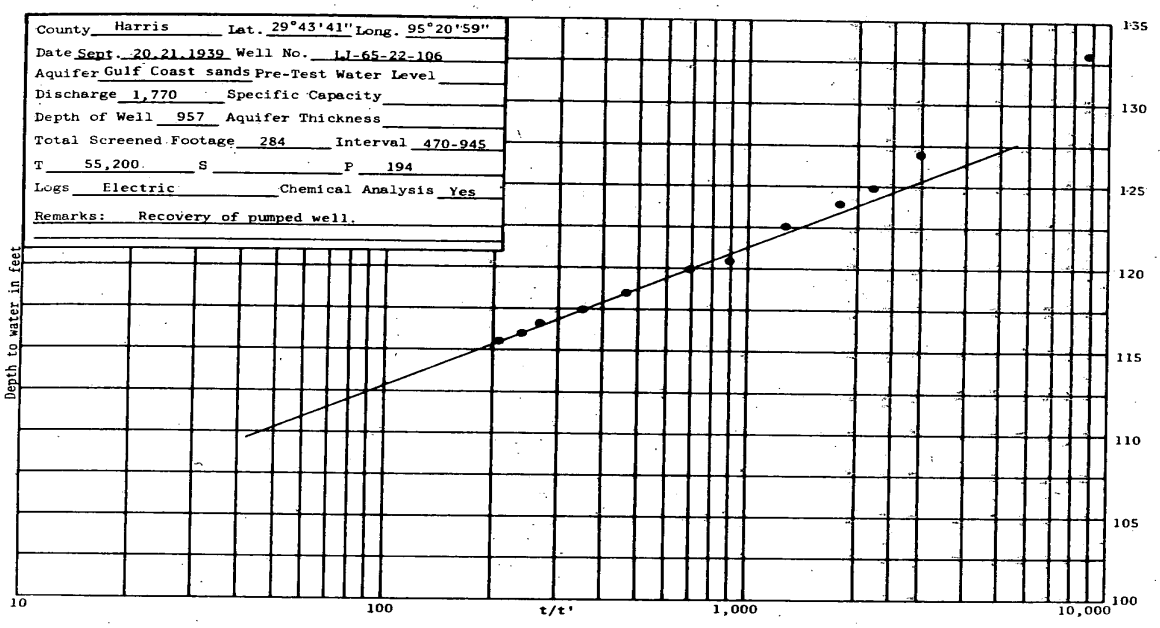
Aquifer - 121EVGL **ID -** 15
EVANGELINE AQUIFER

Monday, August 07, 2006

Well Number - 6522106

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

State ID: 65-22-106



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 147 **Distance from Property: 2.66 mi. S**

STATE ID:	**65-22-118**
OWNER'S NAME:	**CITY OF HOUSTON SCOTT STREET #2**
DATE DRILLED:	**00/00/1926**
DEPTH DRILLED:	**1521'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.350370000**
LATITUDE:	**29.729170000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522118/6522118.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 118 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 43 45 Longitude - 95 21 04 Source of Coords - 3

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

Owner - City of Houston
Scott Street #2

Driller - Layne Texas

Address _____ Tenant/Oper. _____
Date Drilled - / /1926 Depth - 1,521 ft. Source of Depth - Altitude - 45 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- Y Logs- Other Data-

WATER LEVELS
Date- 01/00/1926 Measurement- -22.00
Date- 03/06/1959 Measurement- -225.60

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -
Screen from 1323 to 1521 ft. Test
hole drilled to 1614 ft. Well
destroyed. Well 2.

Aquifer - 121EVGL
Well No. - 65 22 118

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 147 **Distance from Property: 2.66 mi. S**

STATE ID:	**65-22-119**
OWNER'S NAME:	**CITY OF HOUSTON SCOTT STREET #1**
DATE DRILLED:	**00/00/1925**
DEPTH DRILLED:	**866'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.350371000**
LATITUDE:	**29.729172000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522119/6522119.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 119 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 43 45 Longitude - 95 21 02 Source of Coords - 3

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

Owner - City of Houston
Scott Street #1

Driller - Layne Texas

Address _____ Tenant/Oper. _____
Date Drilled - / /1925 Depth - 866 ft. Source of Depth - Altitude - 45 ft. Source of Alt. - M
Aquifer - 121EVGL EVANGELINE 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- M Quality- Y Logs- Other Data-

WATER LEVELS Date- 06/25/1925 Measurement- -46.80
Date- 09/10/1941 Measurement- -138.00

Recorded By _____ Date Record Collected or Updated- / /

| 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|

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -
150 ft of screen between 651 and
866 ft. Reported yield 1300 gpm
with 91 ft drawdown when drilled.
Test hole drilled to 1603 ft.
Well destoryed. Well 1.

Aquifer - 121EVGL
Well No. - 65 22 119

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

WATER UTILITY DATABASE (WUD)

MAP ID# 147 **Distance from Property: 2.66 mi. S**

PWSID:	**1010013**
SOURCE ID:	**G1010013HJ**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1925**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.350280760**
LATITUDE:	**29.728889470**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

MAP ID# 147 **Distance from Property: 2.66 mi. S**

PWSID:	**1010013**
SOURCE ID:	**G1010013HK**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1926**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.350830080**
LATITUDE:	**29.728889470**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 147 **Distance from Property: 2.66 mi. S**

PWSID:	**1010013**
SOURCE ID:	**G1010013HO**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1963**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.350555420**
LATITUDE:	**29.728889470**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 147 **Distance from Property: 2.66 mi. S**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294343095210001**
STATION NAME: **LJ-65-22-130**
SITE TYPE: **GW**
LATITUDE: **29.729171000** LONGITUDE: **-95.350369000**
DATE DRILLED: **196312**
WELL DEPTH: **1725 feet**
HOLE DEPTH: **2010 feet**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 147 **Distance from Property: 2.66 mi. S**

WELL ID:	**1096**
OWNERS NAME:	**HOUSTON, CITY OF**
YEAR DRILLED:	**1963**
DEPTH DRILLED:	**1725'**
STATIC LEVEL:	**705'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.350370000**
LATITUDE:	**29.729170000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 148 **Distance from Property: 2.66 mi. ESE**

ID NUMBER:	**TX205386**
STATE ID :	**65-22-3A**
OWNER NAME:	**GULF COAST CEMENT COMPANY**
DATE DRILLED:	**01/??/1962**
DEPTH DRILLED:	**806'**
STATIC LEVEL:	**264'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.309677000**
LATITUDE:	**29.753038000**

6 PAGE(S) OF DRILLERS' LOGS

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 9, 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 Gulf Coast Cement Company on January 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
Geologic Aide

JRW/gs

RECEIVED NOV 13 1962

RECEIVED
DEC 13 1962
TEXAS WATER COMMISSION
AUSTIN, TEXAS

WATER SUPPLY, DEEP WELLS AND PUMPS — A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS
INC.

TRU-GRAVEL-WALL WELLS

951 MCCARTY DRIVE, HOUSTON 29, TEXAS, PHONE OR-2-7581

January- 1962

GULF COAST PORTLAND CEMENT PLANT
FOR: C & E Contractors
Water Well No. 3

SETTING DATA

SURFACE CASING:

SET AND CEMENTED IN PLACE: 600' of 12-3/4" O. D., .330" W. T. Casing.

SCREEN AND BLANK LINER:

FROM	TO	DESCRIPTION
500'	605'	105' of 6-5/8" Blank Liner
605'	625'	20' of 6-5/8" S. S. WOP Screen .035 ga.
625'	645'	20' of 6-5/8" S. S. WOP Screen .045 ga.
645'	722'	77' of 6-5/8" Blank Liner
722'	747'	25' of 6-5/8" S. S. WOP Screen .045 ga.
747'	784'	37' of 6-5/8" Blank Liner
784'	794'	10' of 6-5/8" S.S. WOP Screen .035 ga.
794'	800'	6' of 6-5/8" Blank Liner with back pressure valve.

65-22-30

MEMBER TEXAS WATER WELL DRILLING CONTRACTORS ASSOCIATION

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.

TRU-GRAVEL-WALL WELLS

951 MCCARTY DRIVE, HOUSTON 29, TEXAS, PHONE OR-2-7581

C & E Contractors, Inc.
Gulf Coast Cement Co.
Water Well #1
Houston, Texas

DRILLER'S LOG

FROM	TO	FORMATION
0'	125'	Surface Clay
125'	160'	Sand
160'	205'	Shale
205'	225'	Sand
225'	235'	Shale
235'	250'	Sand
250'	270'	Shale
270'	315'	Sand
315'	320'	Shale
320'	340'	Sand
340'	350'	Shale
350'	390'	Sand
390'	400'	Shale
400'	425'	Sand
425'	510'	Sand & Shale Streaks
510'	525'	Sand
525'	605'	Shale
605'	650'	Sand
650'	670'	Shale
670'	680'	Sand
680'	710'	Shale
710'	750'	Sand
750'	780'	Shale
780'	800'	Sand
800'	806'	Shale

Attach:
4 Pages
WWA 65-22-3C

MEMBER TEXAS WATER WELL DRILLING CONTRACTORS ASSOCIATION

GEntlemen:

This well is located at the Gulf Coast Cement Company's new plant at:

6203 Industrial Way
Houston, Texas.

Industrial Way intersects Navigation Blvd. at the 6100 block.

WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.

TRU-GRAVEL-WALL WELLS

951 MCCARTY DRIVE, HOUSTON 29, TEXAS, PHONE OR-2-7581

C&E Contractors, Inc.
Gulf Coast Cement Co.
Water Well #1
Houston, Texas

DATE STARTED: February 2, 1962
ORIFICE: 8 x 5
WATER LEVEL: 264'
AIRLINE: 400'

PRODUCTION TEST:

TIME	HEAD IN INCHES		PUMPING LEVEL		G. P. M.
12:35	Start				
12:45	12-1/2		13#	370	354
1:00 water sam.	12-1/2		11#	375	354
1:30	12-1/2	trace of sand	10#	377	354
2:00	12-1/2	" " "	10#	377	354
3:00	12-1/2		10#	377	354
4:00	12-1/2		10#	377	354
4:30 water sam.					
5:00	12-1/2		10#	377	354
6:00	12-1/2		10#	377	354
7:00	12-1/2		10#	377	354
8:00	12-1/2		10#	377	354
8:35	12-1/2		10#	377	354

RECOVERY TEST :

8:40	275
8:45	270
9:00	267
9:30	265
10:00	264

65-22-3

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. 6-22-3
Located on map
By
Date
Map no.

1) Well Owner: Gulf Coast Cement Company 6203 Industrial Way 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.

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

miles in (NE, SW, etc.) direction

from (Town)

Gulf Coast Cement Company - Water Well #1
Drilled For: C & E Contractors, Inc.

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 9-7/9 in. Date drilled January 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
		Driller's 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 600 ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
12-3/4	0	600

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.

L. M. Sawtelle (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 264 ft. below Ground Level

Pumping level

feet	hours	gpm
Attached		

Pump type Layne & Bowler Deep Well Turbine Pump
Designed pumping rate ≈ 350 gpm ☒ gph ☐
Type power unit Electric
Horsepower 60
Depth to bowls, cylinder, jet, etc., 360' ft. below pump base

Name of contractor testing well or installing permanent pump if other than your company:

C-34 (62-4)

MAP ID# 148 **Distance from Property: 2.66 mi. ESE**

STATE ID:	**65-14-818**
OWNER'S NAME:	**GULF COAST CEMENT CO. WELL #1**
DATE DRILLED:	**00/00/1962**
DEPTH DRILLED:	**800'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.309674000**
LATITUDE:	**29.753044000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514818/6514818.pdf**

MAP ID# 149 **Distance from Property: 2.66 mi. W**

TRACK #: **413947**
DATE ENTERED: **2015-11-17**
OWNER NAME: **CARWASH PARTNERS INC**
OWNER ADDRESS: **3522 WASHINGTON AVE**
HOUSTON, TX 77023
COUNTY: **HARRIS**
LATITUDE: **29.770000000** LONGITUDE: **-95.395278000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=413947&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2015-09-30**
DRILLING DATE (COMPLETED): **2015-10-06**
DEPTH DRILLED: **423'**

WATER LEVEL:
STATIC LEVEL: **185'**
WATER LEVEL DATE: **2015-10-06**
TYPE OF WATER: **NOT TESTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
OTHER
COMPANY INFORMATION:
COMPANY NAME: **ALMEDA WATER WELL SERVICE**
COMPANY ADDRESS: **PO BOX 266**
MANVEL, TX 77578

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 149 **Distance from Property: 2.66 mi. W**

WELL ID:	**13397**
OWNERS NAME:	**MISTER CAR WASH**
YEAR DRILLED:	**Not Reported**
DEPTH DRILLED:	**400'**
STATIC LEVEL:	**370'**
WATER USAGE:	**DOMESTIC/COMMERCIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.395556000**
LATITUDE:	**29.769722000**
SOURCE:	**HGSD**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 150 **Distance from Property: 2.68 mi. ENE**

WELL ID:	**1967**
OWNERS NAME:	**SOUTHERN PACIFIC TRANS. CO.**
YEAR DRILLED:	**1981**
DEPTH DRILLED:	**1200'**
STATIC LEVEL:	**999'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.312236000**
LATITUDE:	**29.788457000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 150 **Distance from Property: 2.68 mi. ENE**

STATE ID:	**65-14-801**
OWNER'S NAME:	**SOUGHERN PACIFIC RAILROAD**
DATE DRILLED:	**00/00/1954**
DEPTH DRILLED:	**1206'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.312242000**
LATITUDE:	**29.788460000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514801/6514801.pdf**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 150 **Distance from Property: 2.68 mi. ENE**

STATE ID:	**65-14-802**
OWNER'S NAME:	**SOUTHERN PACIFIC RAILROAD**
DATE DRILLED:	**00/00/1954**
DEPTH DRILLED:	**1201'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.312236000**
LATITUDE:	**29.788457000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514802/6514802.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 802 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 15 Longitude - 95 18 45 Source of Coords - 5

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

Owner - Southern Pacific Railroad Driller - Texas Water Wells

Address _____ Tenant/Oper. _____
Date Drilled - / /1954 Depth - 1,201 ft. Source of Depth - Altitude - 50 ft. Source of Alt. -
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User -

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_____

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- 10/08/1970 Measurement- -338.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

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		

Reporting Agency -
REMARKS -
90 ft of screen between 1070 and
1200 ft. Supplies Englewood Yards.
Well 2.

Aquifer - 121EVGL
Well No. - 65 14 802

MAP ID# 150 **Distance from Property: 2.68 mi. ENE**

STATE ID:	**65-14-814**
OWNER'S NAME:	**SOUTHEN PACIFIC RAILROAD**
DATE DRILLED:	**00/00/1941**
DEPTH DRILLED:	**919'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.312242000**
LATITUDE:	**29.788460000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514814/6514814.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 814 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 46 15 Longitude - 95 18 45 Source of Coords - 5

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

Owner - Southen Pacific Railroad Driller - Layne Texas

Address _____ Tenant/Oper. _____
Date Drilled - / /1941 Depth - 919 ft. Source of Depth - Altitude - 50 ft. Source of Alt. -
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User -

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- M Quality- Y Logs- Other Data-

WATER LEVELS Date- 04/08/1941 Measurement- -110.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

| 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		

Reporting Agency -
REMARKS -
123 ft of screen between 561 and
898 ft. Formerly supplied Englewood
Yard. Well destroyed.

Aquifer - 121EVGL
Well No. - 65 14 814

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 150 **Distance from Property: 2.68 mi. ENE**

ID NUMBER:	**TX205382**
STATE ID :	**65-14-8C**
OWNER NAME:	**SOUTHERN PACIFIC TRANSPORTATION CO**
DATE DRILLED:	**1978**
DEPTH DRILLED:	**1206'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**INDUSTRIAL/PLUGGED**
LONGITUDE:	**-95.312236000**
LATITUDE:	**29.788457000**

2 PAGE(S) OF DRILLERS' LOGS

State

GW 9

File original with
Texas Water Development Board
P. O. Box 12386
Austin, Texas 78711

State of Texas
WATER WELL
~~COMPLETION AND~~ PLUGGING REPORT

For TWDB use only
Well No. 65-14-8 Cg
Form GW 7 received 4/25
Form GW 8 received 4/28

1) Well Owner: Southern Pacific Transportation Co. (Name) SPRR Willisville Rd (Street or RFD) Houston (City) Texas (State)

2) Landowner: Same (Name) (Street or RFD) (City) (State)

3) Intended Use: Industrial [X]; 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 WWI N. 65-14-801 (?)

miles in (NE, SW, etc.) direction from Town. Use reverse side to sketch map of well location showing distances from adjacent section or survey lines, or to landmarks, roads, and creeks.

~~COMPLETION AND~~ PLUGGING DATA

5) Driller Texas Water Wells Registration Number — Address Houston

6) Party ~~Completing Or~~ Plugging Well Layne Texas Co Registration Number 24 Address P.O. Box 5447, Hou Tex 77001
Proposed 4-13-77

7) Drilled 19?? ; Dug [ ]; Cable Tool [ ]; Rotary [X]; Other Owners Well Number 1(?)

8) Diameter Of Hole 10 inches, from 0 to ? feet, and 6 inches, from 1070? to 1206 feet; Total depth 1206 feet.
Probably 1070'

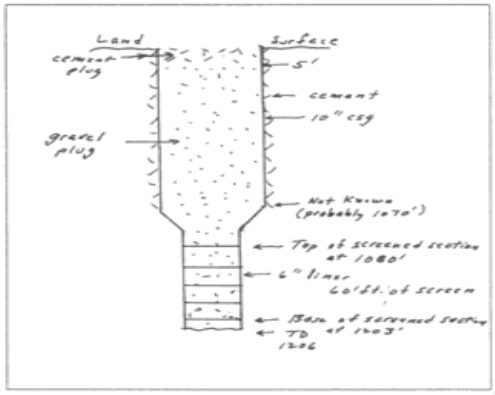
9) Casing and Cement:

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)
10	0	1070(?)	0	1070(?)			
6	1070(?)	1206	1070(?)	1206			

10) Well Log: All measurements made from feet above ground level.

From (ft.)	To (ft.)	Description and color of formation material
		Not available

11) Sketch Of Well: Show method of ~~completion and/or~~ plugging including all casing and cemented intervals.



12) Fresh Water-Bearing Zone(s): Depth in feet to top of Fresh water well, Thickness 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: Well plugged with 10 yds. of gravel. Top plugged with 10 sks of cement

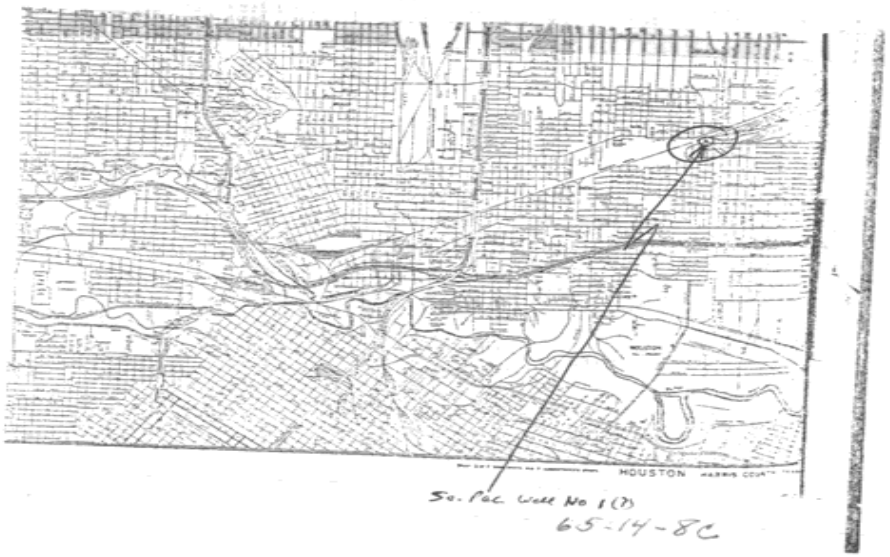
16) Was undesirable water exclusion or retention or plugging program checked for adequacy? None
If so describe method(s) used.

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 [X] (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 LAYNE TEXAS CO Reg N. 24 Leland Lawson

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967



RECEIVED
MAY 10 1978
DEPT. OF
WATER RESOURCES

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 150 **Distance from Property: 2.68 mi. ENE**

ID NUMBER:	**TX205383**
STATE ID :	**65-14-8C**
OWNER NAME:	**SOUTHERN PACIFIC TRANSPORTATION CO**
DATE DRILLED:	**1979**
DEPTH DRILLED:	**1201'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**INDUSTRIAL/PLUGGED**
LONGITUDE:	**-95.312236000**
LATITUDE:	**29.788457000**

3 PAGE(S) OF DRILLERS' LOGS

layne Texas Company

Box 9469, Houston, Texas 77011 • (713) 928-5741

March 28, 1979

Mr. James L. Dyess, Jr.
Water Well Drillers' Section
Texas Dept. of Water Resources
P. O. Box 13087, Capitol Station
Austin, Texas 78711

Dear Mr. Dyess;

Enclosed please find report on plugging of the following wells:

WELL	COUNTY
Southern Pacific Transportation Co., Well No. 2	Harris

Sincerely,

John F. Waldron
Hydrologist

LAYNE TEXAS COMPANY

JFW/ns

Enclosure

RECEIVED
MAR 29 1979
DEPT. OF
WATER RESOURCES

State

Dug

File original with Texas Water Development Board P. O. Box 13087 Austin, Texas 78711	State of Texas WATER WELL ~~COMPLETION AND~~ PLUGGING REPORT	For TWDB use only Well No. 65-14-8C Form GW 53 received 7/31/79 Form GW 54 received 8/1/79

1) Well Owner: Southern Pacific Transportation Co (Name) 5424 Wallisville Rd (Street or RFD) Houston (City) Texas (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 4161 No. 65-14-802

____ miles in ____ (NE, SW, etc.) direction from ____ (Town). Use reverse side to sketch map of well location showing distances from adjacent section or survey lines, or to landmarks, roads, and creeks.

~~COMPLETION AND~~ PLUGGING DATA

5) Driller Texas Water Wells Registration Number — Address Houston Texas

6) Party ~~Completing Or~~ Plugging Well Layne Texas Co Registration Number 28 Address P.O. Box 9465 Houston Tex 77011

7) Drilled Plugged 3/1/79 19__; Dug ☐; Cable Tool ☐; Rotary ☒; Other ____ Owners Well Number 2

8) Diameter Of Hole 10 inches, from 0 to 1065 feet, and 6 inches, from 1065 to 1201 feet; Total depth 1201 feet.

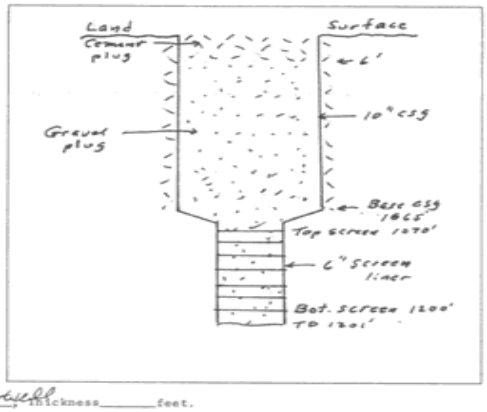
9) Casing and Cement:

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)
10	0	1065	0	1065			
6	1065	1201	1065	1201			

10) Well Log: All measurments made from ____ feet above ground level.

From (ft.)	To (ft.)	Description and color of formation material
		None Available

11) Sketch Of Well: Show method of ~~completion and/or~~ plugging including all casing and cemented intervals.



12) Fresh Water-Bearing Zone(s): Depth in feet to top of From Water Wells, Thickness ____ 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: Well plugged with 17 yds of gravel. Top plugged w/ 12 sks of cement

16) Was undesirable water exclusion or retention or plugging program checked for adequacy? None If so describe method(s) used.

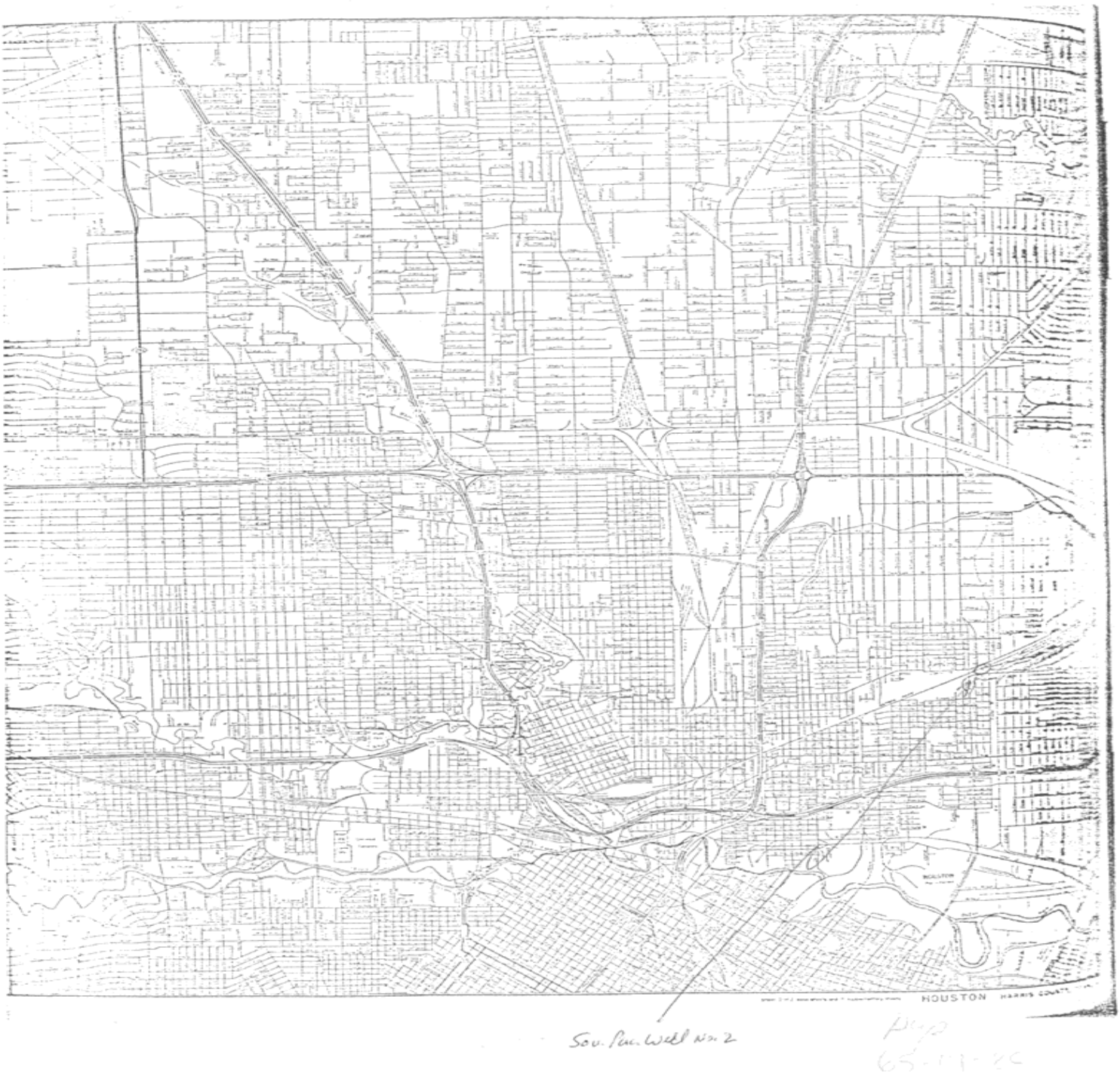
17) Attach electrical, gamma ray or other mechanical log(s), water analyses, and other pertinent data if available.

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.

Roland Lawson
LOLAND LAWSON Reg. No. 28

TWDBE-GW-55


HOUSTON
Sou. Pac. Well No. 2

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 150 **Distance from Property: 2.68 mi. ENE**

WELL ID:	**1968**
OWNERS NAME:	**SOUTHERN PACIFIC TRANS. CO.**
YEAR DRILLED:	**1954**
DEPTH DRILLED:	**1200'**
STATIC LEVEL:	**999'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.312236000**
LATITUDE:	**29.788457000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 151 **Distance from Property: 2.70 mi. ESE**

STATE ID:	**65-14-804**
OWNER'S NAME:	**MCDONOUGH CEMENT CO.**
DATE DRILLED:	**00/00/1962**
DEPTH DRILLED:	**800'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.309000000**
LATITUDE:	**29.752960000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514804/6514804.pdf**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 152 **Distance from Property: 2.70 mi. N**

ID NUMBER:	**TX205322**
STATE ID :	**65-14-4**
OWNER NAME:	**DR. T.V TRAN**
DATE DRILLED:	**10/12/1987**
DEPTH DRILLED:	**363'**
STATIC LEVEL:	**250'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.344923000**
LATITUDE:	**29.807334000**

2 PAGE(S) OF DRILLERS' LOGS

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 DR T.V. Tran (Name) Address 1505 Masquit Houston Texas (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris miles in (N.E., S.W., etc.) direction from (Town)
mail add. 2420 Dunlany Houston Tx 77006

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 ____
X 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): X Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Driven ☐ Air Rotary ☐ Cable Tool ☐ Other ____

6) WELL LOG:
Date Drilling: Started 10-10 1987 Completed 10-12 1987

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface 0	363

From (ft.) To (ft.) Description and color of formation material

0 - 27 TS & Clay
27 - 35 Sand Rdd.
35 - 80 Clay
80 - 90 Sand Red -
90 - 190 Clay
190 - 198 Sand -
198 - 210 Clay
210 - 215 Sand
215 - 343 Clay
343 - 363 Sand bottom in H. F.

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	PVC Casing	0	343	
3/4	N	PVC. Well Screen	343	363	10

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 343 ft. No. of Sacks Used 12
____ ft. to ____ ft. No. of Sacks Used ____
Method used Pressure -
Cemented by Steve Buffin

10) SURFACE COMPLETION
X 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 10-12-87
Artesian flow ____ gpm. Date ____

12) PACKERS: Type Depth
4X2 1/2 R&R K. Packer 338

13) TYPE PUMP:
☐ Turbine ☐ Jet X 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.

RECEIVED
NOV 23 1987
TEXAS WATER COMMISSION

(Use reverse side if necessary)

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? ____ Depth of strata ____
Was a chemical analysis made? ☐ Yes X 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 ALLWEATHER W. W. Inc (Type or Print) Water Well Driller's License No. 1929

ADDRESS 25330 Richard Rd Spring (Street or RFD) (City) Tex (State) 77386 (Zip)

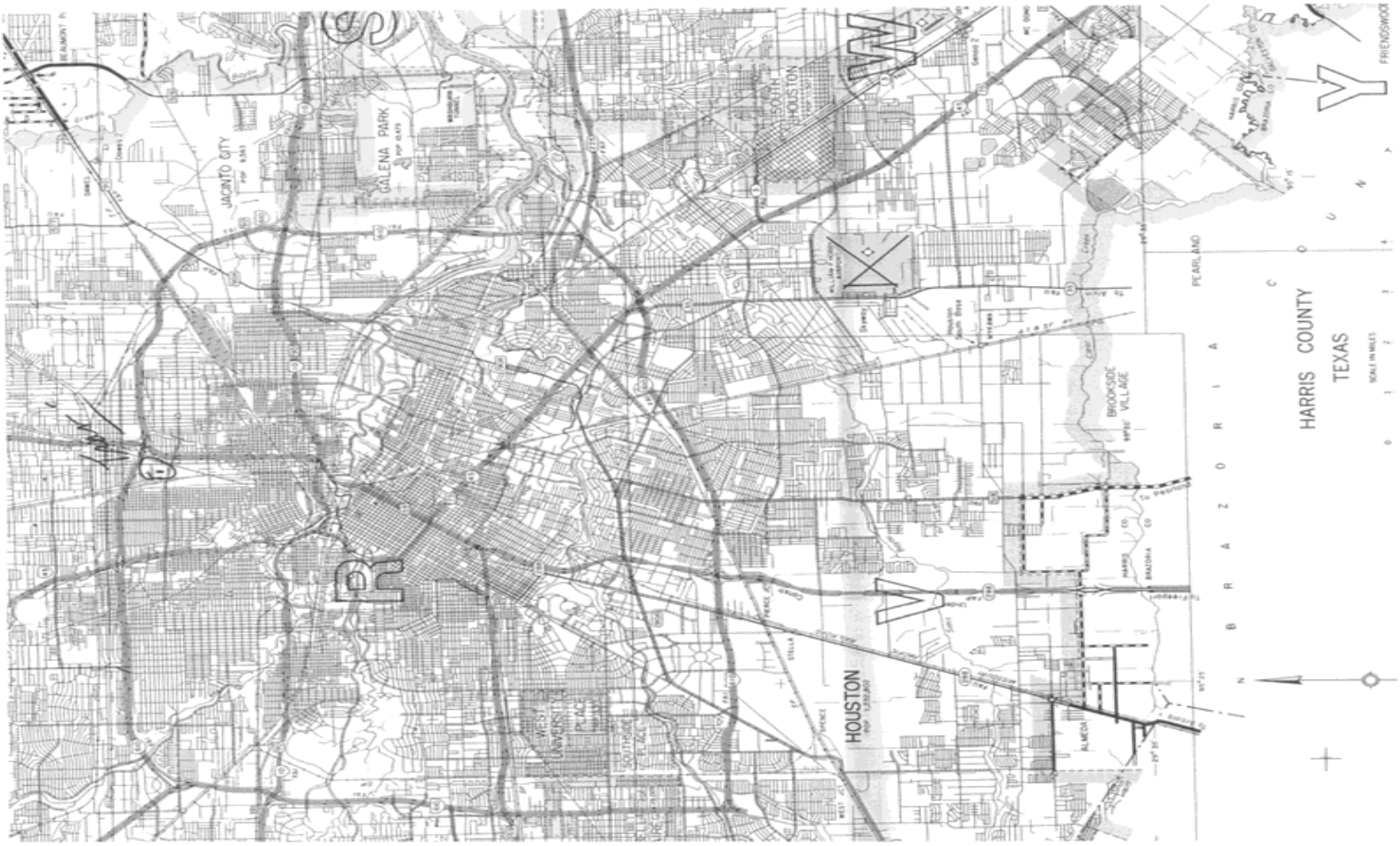
(Signed) R.K. Billingo (Licensed Water Well Driller) (Signed) ____ (Registered Driller Trainee)

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

For TWC use only
Well No. 65-14-4
Located on map ____

WWD-012 (Rev.01-28-87) TEXAS WATER COMMISSION COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


JACINTO CITY
GALENA PARK
SOUTH HOUSTON
PEARLAND
BROOKSIDE VILLAGE
HARRIS COUNTY
TEXAS
HOUSTON
WEST UNIVERSITY PLACE
SOUTHSIDE PLACE
BRAZORIA

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 153 **Distance from Property: 2.71 mi. WNW**

STATE ID:	**65-13-621**
OWNER'S NAME:	**GLOBE LAUNDRY AND CLEANERS**
DATE DRILLED:	**00/00/1962**
DEPTH DRILLED:	**477'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.387650000**
LATITUDE:	**29.791750000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513621/6513621.pdf**

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

Completion

Casing Material

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
-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

Tuesday, March 21, 2006

Well Number - 6513621

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 153 **Distance from Property: 2.71 mi. WNW**

WELL ID:	**2169**
OWNERS NAME:	**HARDING, GEORGE F.**
YEAR DRILLED:	**1962**
DEPTH DRILLED:	**476'**
STATIC LEVEL:	**420'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.387647000**
LATITUDE:	**29.791765000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 154 **Distance from Property: 2.71 mi. W**

STATE ID:	**65-13-916**
OWNER'S NAME:	**HORLOCK ICE.CO.**
DATE DRILLED:	**00/00/1925**
DEPTH DRILLED:	**340'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.396350000**
LATITUDE:	**29.770900000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513916/6513916.pdf**

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(73) Source of data F.C. Date 1-19-68 Map 1:24000 Houston Heights 1955

State Texas 48 County (or town) Harris 201

Latitude: 29 46 17 N Longitude: 095 23 47 Sequential number: 1

Lat-long accuracy: 1 T. S, R W, Sec , , ,

Local well number: LJ-65-13-916 Other number: B & M 604 in 889-C

Local use:

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) S, (R) Rec, (S) Stock, (T) (U) Unused, (V) (W) Repressure, (X) Recharge, (Y) Desal-P S, Desal-other, (Z) Other U

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 X 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. Driller (rep) accuracy 6

Depth casgd; (first perf.) ? ft Casing type: S ; Diam. 8 in 5

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. open gallery, (O) open end, (P) perf., screen, sd. pt., shored, (S) open hole, (T) other

Method Drilled: (A) air rot, (B) bored, cable, (C) dug, (D) hyd rot., (H) jetted, (J) air percussion, (P) reverse rotary, (R) trenching, (T) driven, (V) wash, (W) other H

Date Drilled: 1925 9 2 5 Pump intake setting: ft

Driller: J.A. Walling 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, (U) 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 6 0 Accuracy: (source) Topo 5' 3

Water Level 11.34 ft above below MP; Ft above below LSD 7 0 Accuracy: Meas A

Date meas: 1-23-31 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-65-13-916

Well No. LJ-65-[illegible]-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) nillside, (T) terrace, (U) undulating, (V) valley flat [27]

MAJOR AQUIFER: ____ system, ____ series [28] [29] ____ aquifer, formation, group [30] [31] 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

WATER UTILITY DATABASE (WUD)

MAP ID# 155 **Distance from Property: 2.72 mi. S**

PWSID:	**1010013**
SOURCE ID:	**G1010013HN**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**11/12/1938**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.349441530**
LATITUDE:	**29.728055950**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 156 **Distance from Property: 2.73 mi. N**

ID NUMBER:	**TX205318**
STATE ID :	**65-14-4G**
OWNER NAME:	**MRS. DORIS ADAMS**
DATE DRILLED:	**06/10/1982**
DEPTH DRILLED:	**175'**
STATIC LEVEL:	**115'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.354050000**
LATITUDE:	**29.807956000**

2 PAGE(S) OF DRILLERS' LOGS

Water Well ID: 205318

pump

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. 65-17-415
Located on map
Received: C-P-8.

1) OWNER MRS. DORIS ADAMS (Name) Address 13803 STONESHIRE (Street or RFD) HOUSTON (City) TEX. (State) 77037 (Zip)

2) LOCATION OF WELL: County HARRIS APPRX. 12 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.

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 6-10-82

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6.75	Surface 0	175

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	20	TOP SOIL + CLAY
20	32	SAND
32	40	CLAY
40	50	SAND
50	63	CLAY
63	76	SAND
76	80	CLAY
80	100	CLAY
100	120	CLAY
120	140	CLAY
140	143	CLAY
143	158	BROKEN SAND
158	160	SAND
160	165	SAND-STONE
165	175	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	0	165	
2½	N	SLOTTED PLASTIC	165	175	#12

CEMENTING DATA
Cemented from 0 ft. to 165 ft.
Method used PRESSURE
Cemented by Michael L. McClung (Company or Individual)

RECEIVED
AUG 23 1982
DEPT. OF WATER RESOURCES

9) WATER LEVEL:
Static level 115 ft. below land surface Date 6-11-82
Artesian flow _____ gpm. Date _____

10) PACKERS: K PACKER Type RUBBER Depth 161'

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

12) WELL TESTS: NONE
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

(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 MICHAEL L. McCLUNG (Type or Print) Water Well Drillers Registration No. 2215

ADDRESS 4602 ELLA BLVD. (Street or RFD) HOUSTON (City) TEXAS (State) 77018 (Zip)

(Signed) Michael L. McClung (Water Well Driller) M+N 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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 157 **Distance from Property: 2.75 mi. N**

ID NUMBER:	**TX199441**
STATE ID :	**65-14-4**
OWNER NAME:	**BIG STATE FREIGHT**
DATE DRILLED:	**04/12/1985**
DEPTH DRILLED:	**410'**
STATIC LEVEL:	**220'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.343498000**
LATITUDE:	**29.807880000**

1 PAGE(S) OF DRILLERS' LOGS

1.1m. N/SL
-7m. W/EL

44

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 Big State Freight (Name) Address 5656 Kelley (Street or RFD) Houston, (City) Tx. (State) 77026 (Zip)

2) LOCATION OF WELL: County Harris 6 miles in NE (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 65-05-9 No 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 4/12/85

Dia. (in.)	From (ft.)	To (ft.)
6-3/4	Surface	410

From (ft.)	To (ft.)	Description and color of formation material
0	2	Concrete
2	10	Clay
10	20	Sand
20	140	Clay
140	160	Sand
160	240	Clay
240	260	Sand
260	300	Clay
300	320	Sand
320	390	Clay & Shale
390	410	Sand

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 Mfr., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4"	N	PVC Casing	0	400	Sch.
2½"	N	Blank Liner	380	400	40
2½"	N	PVC Slotted Screen	400	410	.012

CEMENTING DATA
Cemented from top ft. to bottom ft.
Method used Halliburton
Cemented by Robinson Water Well (Company or Individual)

9) WATER LEVEL:
Static level 220 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

10) PACKERS: Type K Depth 380

MAY 0 7 '85

11) TYPE PUMP: 2HP Pump #251 Tank
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 300 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.

I hereby certify that this well was drilled by 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, Inc. Water Well Driller's License No. 1464 (Type or Print)

ADDRESS 11607 FM 149 (Street or RFD) Houston, (City) Tx. (State) 77086 (Zip)

(Signed) M. G. Rob (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. 65-14-4
Located on map _____

TDWR-0392 (Rev. 5-27-82) DEPARTMENT OF WATER RESOURCES COPY

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 158 **Distance from Property: 2.76 mi. WNW**

STATE ID:	**65-13-909**
OWNER'S NAME:	**CREAMIX CORP.**
DATE DRILLED:	**00/00/1927**
DEPTH DRILLED:	**250'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.388830000**
LATITUDE:	**29.791470000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513909/6513909.pdf**

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

Completion

Casing Material

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

Tuesday, March 21, 2006

Well Number - 6513909

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 159 **Distance from Property: 2.77 mi. NNE**

ID NUMBER:	**TX205306**
STATE ID :	**65-14-4**
OWNER NAME:	**LOLA HOLT**
DATE DRILLED:	**05/08/2001**
DEPTH DRILLED:	**68'**
STATIC LEVEL:	**20'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.339041000**
LATITUDE:	**29.807320000**

1 PAGE(S) OF DRILLERS' LOGS

...ion Owner:
...afidentiality Privilege Notice
on reverse side of owner's copy.

T... Department of License and Regul... n
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
Lola Holt	5016 Deches	Houston	TX	77026

2) WELL LOCATION

County	Physical Address	City	State	Zip
Harris				

Lat. | Long. | Grid # 65-14-4

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 5 / 8 / 01
Completed 5 / 8 / 01

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
5	Surface	68

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	Red clay
22	25	Sand + Gravel
25	50	Red clay
50	52	Sand + Gravel
52	55	Red clay
55	65	Sand + Gravel
65	68	Red 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 65 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 Casing	Gage Screen
2	N	Casing Plastic				SCH 40
2	N	Screen Plastic				.006

9) Cementing Data
Cementing from 55 ft. to Surface ft. # of sacks used 5
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 20 ft. below Date 5 / 8 / 01
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
NONE	

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: 4 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 Licensed Driller/Pump Installer	Date 5 / 8 / 01	Signature Apprentice	Date 5 / 8 / 01	

TDLR FORM 001WWD White - TDLR Yellow - Owner Pink - Driller/Pump Installer

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

MAP ID# 160 **Distance from Property: 2.77 mi. WSW**

STATE ID:	**65-21-334**
OWNER'S NAME:	**BABA YEGA RESTURANT**
DATE DRILLED:	**04/03/2002**
DEPTH DRILLED:	**270'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.390263000**
LATITUDE:	**29.746232000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521334/6521334.pdf**

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

Completion

Casing Material

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

Tuesday, July 24, 2007

Well Number - 6521334

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 160 **Distance from Property: 2.77 mi. WSW**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294447095232401**
STATION NAME: **LJ-65-21-334**
SITE TYPE: **GW**
LATITUDE: **29.746232000** LONGITUDE: **-95.390263000**
DATE DRILLED: **04/03/2002**
WELL DEPTH: **270 feet**
HOLE DEPTH: **270 feet**
LOCAL AQUIFER: **CHICOT AQUIFER**

MAP ID# 160 **Distance from Property: 2.77 mi. WSW**

TRACK #: **6306**
DATE ENTERED: **2002-04-08**
OWNER NAME: **BABA YEGA RESTURANT**
OWNER ADDRESS: **2607 GRANT ST**
HOUSTON, TX 77006
COUNTY: **HARRIS**
LATITUDE: **29.746389000** LONGITUDE: **-95.390000000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=6306&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2002-04-02**
DRILLING DATE (COMPLETED): **2002-04-03**
DEPTH DRILLED: **270'**

WATER LEVEL:
STATIC LEVEL: **160'**
WATER LEVEL DATE: **2002-04-03**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
INDUSTRIAL
COMPANY INFORMATION:
COMPANY NAME: **SCOTT DRILLING INC**
COMPANY ADDRESS: **11923 GREEN PINE CIRCLE**
HOUSTON, TX 77066

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 160 **Distance from Property: 2.77 mi. WSW**

WELL ID:	**9086**
OWNERS NAME:	
YEAR DRILLED:	**2002**
DEPTH DRILLED:	**400'**
STATIC LEVEL:	**385'**
WATER USAGE:	**OTHER**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.390263000**
LATITUDE:	**29.746236000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 161 **Distance from Property: 2.80 mi. SW**

ID NUMBER:	**TX205263**
STATE ID :	**65-14-7**
OWNER NAME:	**WILLIAMS BROTHERS WELL #4**
DATE DRILLED:	**10/16/2002**
DEPTH DRILLED:	**75'**
STATIC LEVEL:	**23'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.383195000**
LATITUDE:	**29.738258000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified return receipt requested mail 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 Williams Brothers (Name) ADDRESS PO Box 66428 (Street or RFD) Houston (City) TX (State) 77266 (Zip)

2) ADDRESS OF WELL'S LOCATION: County Harris WELL #4 3800 Milam (Street, RFD or other) Houston (City) TX (State) 77002 (Zip) Long. _____ Lat. _____ Grid # 65-14-7

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 N

6) WELL LOG: Date Drilling: Started 10/16/2002 Completed 10/16/2002

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
9	Surface	75

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	12	BLACK CLAY
12	26	Sintau Sand
26	35	CLAY
35	75	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	PVC	0	12	
6	N	PVC SLEEN	12	26	.020
6	N	PVC	26	35	
6	N	PVC SCREEN	35	75	.020

9) CEMENTING DATA
Cemented from 0 ft. to 15 ft. No. of sacks used 7
_____ ft. to _____ ft. No. of sacks used _____
Method used TRIMME
Cemented by Aquautility Construction LP
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: 60 gpm with _____ ft. drawdown after _____ hrs.

11) WATER LEVEL:
Static level 23 ft. below land surface Date 10/16/02
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
N/A	

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 Utility Construction LP (Type or print) WELL DRILLER'S LICENSE NO. 2854 W

ADDRESS PO Box 574 (Street or RFD) Tomball (City) TX (State) 77377 (Zip)

(Signed) Johnny Williams (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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 161 **Distance from Property: 2.80 mi. SW**

ID NUMBER:	**TX205264**
STATE ID :	**65-14-7**
OWNER NAME:	**WILLIAMS BROTHERS WELL #3**
DATE DRILLED:	**10/16/2002**
DEPTH DRILLED:	**75'**
STATIC LEVEL:	**23'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.383195000**
LATITUDE:	**29.738258000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified return receipt requested mail 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 Williams Brothers (Name) ADDRESS PO Box 66428 (Street or RFD) Houston (City) TX (State) 77266 (Zip)

2) ADDRESS OF WELL'S LOCATION: County Harris Well #3 3800 Milam (Street, RFD or other) Houston (City) TX (State) 77002 (Zip) Long. _____ Lat. _____ Grid # 65-14-T

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 10/16/2002 Completed 10/16/2002

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
9	Surface	75

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	12	Black Clay
12	26	Sytan Sand
26	35	Clay
35	75	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	PVC	0	12	
6	N	PVC Screen	12	26	.020
6	N	PVC	26	35	
6	N	PVC Screen	35	75	.020

9) CEMENTING DATA
Cemented from 0 ft. to 15 ft. No. of sacks used 7
_____ ft. to _____ ft. No. of sacks used _____
Method used Trimme
Cemented by Aquautility Construction LP
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: 60 gpm with _____ ft. drawdown after _____ hrs.

11) WATER LEVEL:
Static level 23 ft. below land surface Date 10/16/02
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 N/A Depth

RECEIVED NOV 2 2002

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 Utility Construction (Type or print) WELL DRILLER'S LICENSE NO. 2854 W

ADDRESS PO Box 574 (Street or RFD) Tomball (City) TX (State) 77377 (Zip)

(Signed) Johnny Williams (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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 161 **Distance from Property: 2.80 mi. SW**

ID NUMBER:	**TX205265**
STATE ID :	**65-14-7**
OWNER NAME:	**WILLIAMS BROTHERS WELL #5**
DATE DRILLED:	**10/17/2002**
DEPTH DRILLED:	**75'**
STATIC LEVEL:	**23'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.383195000**
LATITUDE:	**29.738258000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified return receipt requested mail 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 Williams Brothers (Name) Well #5 ADDRESS PO Box 66428 (Street or RFD) Houston (City) TX (State) 77266 (Zip)

2) ADDRESS OF WELL'S LOCATION: County Harris 3800 Milam (Street, RFD or other) Houston (City) TX (State) 77002 (Zip) Long. _____ Lat. _____ Grid # 65-14-7

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 N

6) WELL LOG:
Date Drilling: Started 10/17/2002 Completed 10/17/2002

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
9	Surface	75

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	12	Black Clay
12	26	Sy/tan Sand
26	35	Clay
35	75	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
6	N	PVC	0	12	
6	N	PVC Screen	12	26	.020
6	N	PVC	26	35	
6	N	PVC Screen	35	75	.020

9) CEMENTING DATA
Cemented from 0 ft. to 15 ft. No. of sacks used 7
_____ ft. to _____ ft. No. of sacks used _____
Method used Trimmie
Cemented by Aqua Utility Construction LP
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:

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed
☑ Specified Steel 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.

15) WELL TESTS:
Type test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 60 gpm with _____ ft. drawdown after _____ hrs.

11) WATER LEVEL:
Static level 23 ft. below land surface Date 10/17/02
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
N/A	

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 Utility Construction (Type or print) WELL DRILLER'S LICENSE NO. 2854 W

ADDRESS PO Box 874 (Street or RFD) Tomball (City) TX (State) 77377 (Zip)

(Signed) Johnny Williams (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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 161 **Distance from Property: 2.80 mi. SW**

ID NUMBER:	**TX205267**
STATE ID :	**65-14-7**
OWNER NAME:	**WILLIAMS BROTHERS WELL #6**
DATE DRILLED:	**10/17/2002**
DEPTH DRILLED:	**75'**
STATIC LEVEL:	**23'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.383195000**
LATITUDE:	**29.738258000**

2 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified return receipt requested mail 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 Williams Brothers (Name) ADDRESS PO Box 66428 (Street or RFD) Houston (City) TX (State) 77266 (Zip)

2) ADDRESS OF WELL'S LOCATION: County Harris WELL #6 3800 Milam (Street, RFD or other) Houston (City) TX (State) 77002 (Zip) Long. _____ Lat. _____ Grid # 65-14-7

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 N

6) WELL LOG:
Date Drilling: Started 10/17/2002 Completed 10/17/2002

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
9	Surface	75

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	12	BLACK CLAY
12	26	Sulfur Sand
26	35	CLAY
35	75	Sand

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
6	N	PVC	0	12	
6	N	PVC SLEEN	12	26	.020
6	N	PVC	26	35	
6	N	PVC SCREEN	35	75	.020

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

9) CEMENTING DATA
Cemented from 0 ft. to 15 ft. No. of sacks used 7
_____ ft. to _____ ft. No. of sacks used _____
Method used TRIMME
Cemented by Aqua Utility Construction LP
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: 60 gpm with _____ ft. drawdown after _____ hrs.

11) WATER LEVEL:
Static level 23 ft. below land surface Date 10/17/2002
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 N/A Depth

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 Utility Construction (Type or print) WELL DRILLER'S LICENSE NO. 2854 W

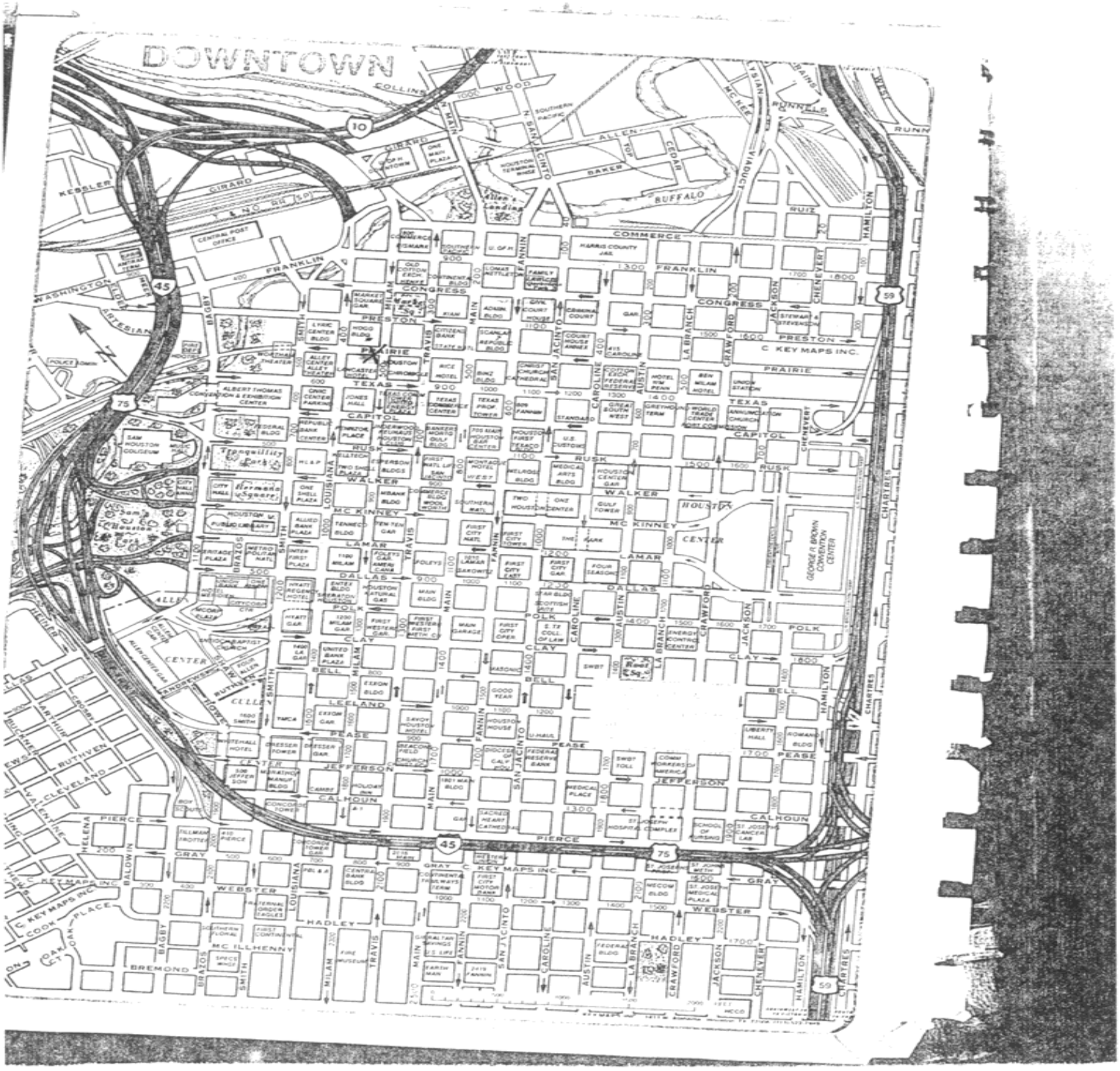
ADDRESS PO Box 874 (Street or RFD) Tomball (City) TX (State) 77377 (Zip)

(Signed) Johnny Williams (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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


DOWNTOWN
C KEY MAPS INC.
KEY MAPS INC.
COMMERCE
FRANKLIN
CONGRESS
PRESTON
PRAIRIE
TEXAS
CAPITOL
RUSK
WALKER
MC KINNEY
LAMAR
DALLAS
POLK
CLAY
BELL
LELAND
PEASE
JEFFERSON
CALHOUN
PIERCE
GRAY
WEBSTER
HADLEY
BUFFALO
ALLEN
BAKER
CENTER
HOUSTON

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 161 **Distance from Property: 2.80 mi. SW**

ID NUMBER:	**TX205266**
STATE ID :	**65-14-7**
OWNER NAME:	**WILLIAMS BROTHERS WELL #10**
DATE DRILLED:	**10/18/2002**
DEPTH DRILLED:	**75'**
STATIC LEVEL:	**23'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.383195000**
LATITUDE:	**29.738258000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified return receipt requested mail 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 Williams Brothers (Name) ADDRESS PO Box 66428 (Street or RFD) Houston (City) TX (State) 77266 (Zip)

2) ADDRESS OF WELL'S LOCATION: County Harris 3800 Milam (Street, RFD or other) Houston (City) TX (State) 77002 (Zip) Long. _____ Lat. _____ Grid # 65-14-7

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 N

6) WELL LOG:
Date Drilling: Started 10/18/2002 Completed 10/18/2002

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
9	Surface	75

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	12	BLACK CLAY
12	26	Surface Sand
26	35	CLAY
35	75	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	PVC	0	12	
6	N	PVC SLEEN	12	26	.020
6	N	PVC	26	35	
6	N	PVC SCREEN	35	75	.020

9) CEMENTING DATA
Cemented from 0 ft. to 15 ft. No. of sacks used 7
_____ ft. to _____ ft. No. of sacks used _____
Method used TRIMIE
Cemented by Aquautility Construction LP
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: 60 gpm with _____ ft. drawdown after _____ hrs.

11) WATER LEVEL:
Static level 23 ft. below land surface Date 10/18/2002
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
N/A	

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 Utility Construction LP (Type or print) WELL DRILLER'S LICENSE NO. 2854 W

ADDRESS PO Box 674 (Street or RFD) Tomball (City) TX (State) 77377 (Zip)

(Signed) Johnny W. Williams (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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 162 **Distance from Property: 2.81 mi. NNW**

ID NUMBER:	**TX205305**
STATE ID :	**65-14-4**
OWNER NAME:	**TOM LANG**
DATE DRILLED:	**07/10/1998**
DEPTH DRILLED:	**47'**
STATIC LEVEL:	**6'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.361450000**
LATITUDE:	**29.808170000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified return receipt requested ma... TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-30...

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 CAVE (Name) ADDRESS 5305 IRUNATON/IAH TX 77022 (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)

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	SCH40
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 SEO #

ADDRESS 10011 Airline Drive (Street or RFD) Houston (City) TX (State) 77037 (Zip)

(Signed) ____ (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

FILED MAR 10 1999

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

*NRCC-0199 (Rev. 05-21-96) White - TNRCC Yellow - DRILLER Pink - WELL OWNER

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 163 **Distance from Property: 2.82 mi. SSW**

ID NUMBER:	**TX204953**
STATE ID :	**65-22-1**
OWNER NAME:	**BRH GARVER - J HOLLAND**
DATE DRILLED:	**05/22/1995**
DEPTH DRILLED:	**40'**
STATIC LEVEL:	**12'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.365226000**
LATITUDE:	**29.728717000**

1 PAGE(S) OF DRILLERS' LOGS

l original copy by certified mail to: TNRCC, P.O. Bo :7, 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 BRN GARVER-J HOLLAND (Name) ADDRESS 5402 LAWNDALE (Street or RFD) HOUSTON (City) TX (State) 77023 (Zip)

2) ADDRESS OF WELL: County HARRIS ALABAMA & DELANO (Street, RFD or other) HOUSTON (City) TX (State) (Zip) GRID # 65-22-1

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) X

6) WELL LOG:
Date Drilling: Started 5/22 1995 Completed 5/22 1995

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	40

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

N

From (ft.)	To (ft.)	Description and color of formation material
0	10	CLAY
10	24	SAND
24	29	CLAY
29	30	SAND
30	40	CLAY

8) Borehole Completion (Check): ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☑ Gravel Packed ☐ Other
If Gravel Packed give interval ... from 15 ft. to 40 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	10	
4	N	PVC SCREENS	10	25	.020
4	N	PVC	25	40	

JUN 26 1995

(Use reverse side if necessary)

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 15 ft. No. of sacks used 8
ft. to ft. No. of sacks used
Method used TRIMMIE
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: 3 gpm with ft. drawdown after hrs.

11) WATER LEVEL:
Static level 12 ft. below land surface Date 5/22/95
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 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 BUSSELL & SON INC (Type or print) WELL DRILLER'S LICENSE NO. 2055

ADDRESS P O BOX 874 (Street or RFD) TOMBALL (City) TX (State) 77377-0874 (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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 164 **Distance from Property: 2.82 mi. NNE**

WELL ID:	**3993**
OWNERS NAME:	**GOODWILL INDUSTRIES OF HOUSTON**
YEAR DRILLED:	**1990**
DEPTH DRILLED:	**540'**
STATIC LEVEL:	**500'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.341355000**
LATITUDE:	**29.808574000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 164 **Distance from Property: 2.82 mi. NNE**

STATE ID:	**65-14-440**
OWNER'S NAME:	**GOODWILL INDUSTRIES**
DATE DRILLED:	**00/00/1984**
DEPTH DRILLED:	**561'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.341330000**
LATITUDE:	**29.808560000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514440/6514440.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 440 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 48 29 Longitude - 95 20 27 Source of Coords - 1

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

Owner - Goodwill Industries Driller - Layne Texas

Address _____ Tenant/Oper. _____

Date Drilled - / /1984 Depth - 561 ft. Source of Depth - D Altitude - 52 ft. Source of Alt. - M
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User -

WELL CONSTRUCTION
Const. Method - HYDRAULIC ROTARY
Completion -
Casing Material - STEEL
Screen Material - STEEL

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- Quality- Logs- Other Data-

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

Recorded By _____ Date Record Collected or Updated- 11/17/1987

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 14 440

MAP ID# 164 **Distance from Property: 2.82 mi. NNE**

STATE ID:	**65-14-431**
OWNER'S NAME:	**GOODWILL INDUSTRIES #3**
DATE DRILLED:	**00/00/1955**
DEPTH DRILLED:	**579'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.341350000**
LATITUDE:	**29.808540000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514431/6514431.pdf**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 164 **Distance from Property: 2.82 mi. NNE**

ID NUMBER:	**TX205385**
STATE ID :	**65-14-4E**
OWNER NAME:	**GOODWILL INDUSTRIES**
DATE DRILLED:	**04/29/1984**
DEPTH DRILLED:	**561'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.341348000**
LATITUDE:	**29.808577000**

5 PAGE(S) OF DRILLERS' LOGS

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. 65-14-4E
Located on map YES
Received: 6-5-84

1) OWNER Goodell Industries (Name) Address 5200 Jensen (Street or RFD) Houston (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
☒ 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 #1 (Standby)
Date drilled 4/29/84

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
10	Surface	500
8	500	561

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
		Clean, Analysis
		(No E-log run)

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 5/16	N	Blank Steel Casing	+2	501	
3 1/2	N	Blank Steel Liner	484	509	
		Lead Seal	484		
3 1/2	N	Slotted Screen Perforated	509	561	.010

CEMENTING DATA
Cemented from Surface ft. to 50' ft.
Method used Halliburton
Cemented by Halliburton (Company or Individual)

9) WATER LEVEL:
Static level ? ft. below land surface Date
Artesian flow gpm. Date

10) PACKERS: Type None 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: 100 gpm with ? ft. drawdown after 4 hrs.

RECEIVED
OCT 18 1984
DEPT. OF
WATER RESOURCES

(Use reverse side if necessary)

13) WATER QUALITY: Surface water contam
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 Leland Lawson (Type or Print) Water Well Drillers Registration No. 28
ADDRESS PO Box 9466 (Street or RFD) Houston (City) TX (State) 77261 (Zip)
(Signed) R 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

CB

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

L YNE TEXAS COMPAN
HOUSTON -:- DALLAS

WELL LOG

REPORT NO.
S. O. 1102-2408
PAGE 1 of 1
FILE NO. 4139
DATE 4/29/84

CUSTOMER LOCATION

FOR Goodwill Industries

LOCATION WELL 5200 Block Jensen

SURVEY FIELD

COUNTY Harris STATE Texas

OTHER LAND MARKS

WELL DATA

NAME WELL WELL NO. 1
ELEVATION DATUM
RT C GR
TEST HOLE SIZE 7 7/8" TD 561'
DATE STARTED DRILLING 4/28/84
DATE FINISHED DRILLING 4/29/84
DRILLER B. Baker RIG NO. 13
TYPE MUD Gel NO. SACKS 10
ELECTRIC LOG TYPE
SURVEY None TYPE
OTHER

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
0		Surface			
10'	10'	Top soil			
150'	140'	Clay			
198'	48'	Sand			
220'	22'	Clay			
228'	8'	Sand			
230'	2'	Clay			
252'	22'	Sand			
256'	4'	Clay			
270'	14'	Sand			
315'	45'	Clay			
322'	7'	Sand			
379'	57'	Clay			
404'	25'	Sand			
424'	20'	Clay			
437'	13'	Sand			
444'	7'	Clay			
453'	9'	Sandy clay			
480'	27'	Sand			
490'	10'	Clay			
497'	7'	Sand			
500'	3'	Clay			
561'	61'	Sand			

4E

EDNA WOOD LABORATORIES, INC.
WATER TECHNOLOGISTS · CHEMISTS · MICROBIOLOGISTS

7 May 1984

To: Layne Texas Company
P. O. Box 9469
Houston, Texas 77261

SO #1102-2408

Sample marked: Well No. 3, Sample No. 1, Goodwell 5200 Janston. Pumping at 100 gpm. Screened: 510' to 560'. Clear - By Birdwell

Received: 5-1-84. Turbid sample, filtered for analysis thru 0.45μ membrane.

WATER ANALYSIS
results in parts per million (mg/1) except as noted

Dissolved Residue at 350° C		280	Conductance, micromhos/cm, 25°C	500
Total Dissolved Solids, actual†		396	Color, units	15
Total Dissolved Solids, calc.		407	Turbidity, units	19
Silica	SiO_2	23	As Calcium Carbonate, $CaCo_3$:	
Calcium	Ca	54	Phenolphthalein Alkalinity	0
Magnesium	Mg	7	Total Alkalinity	188
Sodium (diff.) Na + K as	Na	42	Total Hardness	163
Carbonate	CO_3	0	Free Carbon Dioxide CO_2	10
Bicarbonate	HCO_3	229	pH . . . 7.53 at 23°C	
Sulfate	SO_4	12	HYPOTHETICAL COMBINATIONS	
Chloride	Cl	38		
Total Fluoride	F	0.15		
Total Nitrate	NO_3	1.6		
Total Manganese *	Mn	0.02		
Total Iron *	Fe	1.1		
Iron, filtered sample*	Fe	0.02		

*By Atomic Absorption

†Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO_3) ion

9717
pm

EDNA WOOD LABORATORIES, INC.
By: Alice Perry
Alice Perry, Supervising Chemist

EDNA WOOD LABORATOF INC
WATER TECHNOLOGISTS · CHEMISTS · MICROBIOLOGISTS

7 May 1984

To: Layne Texas Company
P. O. Box 9469
Houston, Texas 77261

SO #1102-2408

Sample marked: Well No. 3, Sample No. 1, Goodwell 5200 Janston. Pumping at 100 gpm. Screened: 510' to 560'. Clear - By Birdwell

Received: 5-1-84. Turbid sample, filtered for analysis thru 0.45μ membrane.

WATER ANALYSIS
results in parts per million (mg/1) except as noted

Dissolved Residue at 350° C		280	Conductance, micromhos/cm, 25°C	500
Total Dissolved Solids, actual†		396	Color, units	15
Total Dissolved Solids, calc.		407	Turbidity, units	19
Silica	SiO_2	23	As Calcium Carbonate, $CaCo_3$:	
Calcium	Ca	54	Phenolphthalein Alkalinity	0
Magnesium	Mg	7	Total Alkalinity	188
Sodium (diff.) Na + K as	Na	42	Total Hardness	163
Carbonate	CO_3	0	Free Carbon Dioxide CO_2	10
Bicarbonate	HCO_3	229	pH . . . 7.53 at 23°C	
Sulfate	SO_4	12	HYPOTHETICAL COMBINATIONS	
Chloride	Cl	38		
Total Fluoride	F	0.15		
Total Nitrate	NO_3	1.6		
Total Manganese *	Mn	0.02		
Total Iron *	Fe	1.1		
Iron, filtered sample*	Fe	0.02		

*By Atomic Absorption

†Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO_3) ion

9717
pm

EDNA WOOD LABORATORIES, INC.
By: Alice Perry
Alice Perry, Supervising Chemi

45

HOUSTON
JACINTO CITY
GALENA PARK
DEER PARK
PASADENA
LA PORTE
HARRIS COUNTY
TEXAS

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 164 **Distance from Property: 2.82 mi. NNE**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294829095202702**
STATION NAME: **LJ-65-14-440**
SITE TYPE: **GW**
LATITUDE: **29.808560000** LONGITUDE: **-95.341330000**
DATE DRILLED: **04/29/1984**
WELL DEPTH: **561 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **CHICOT AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 164 **Distance from Property: 2.82 mi. NNE**

WELL ID:	**2270**
OWNERS NAME:	**GOODWILL INDUSTRIES OF HOUSTON**
YEAR DRILLED:	**1955**
DEPTH DRILLED:	**579'**
STATIC LEVEL:	**496'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.341356000**
LATITUDE:	**29.808575000**
SOURCE:	**HGSD**

MAP ID# 165 **Distance from Property: 2.84 mi. S**

STATE ID:	**65-22-120**
OWNER'S NAME:	**CITY OF HOUSTON SCOTT STREET #3**
DATE DRILLED:	**00/00/1928**
DEPTH DRILLED:	**1350'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.350771000**
LATITUDE:	**29.726618000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522120/6522120.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6522120 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294336 **Longitude** 952103 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
City of Houston
Scott Street #3

Driller
Layne Texas

Address _____ **Tenant/Oper.** _____

Date Drilled / /1928 **Depth** 1350 **Source of Depth** **Altitude** 45 **Source of Alt.** M

Well Type W **User** 396200

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 -** M **Quality -** Y **Logs -** **Other Data -** AC

WATER LEVELS 2 measurements
1928 to 1964
MIN -234.1 MAX -62

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency 02

REMARKS -
190 ft of screen between 553 and 919 ft. Reported yield 1260 gpm with 76 ft drawdown when drilled. Test hole drilled to 1366 ft. Aquifer test data in TWDB R-98. Well 3.

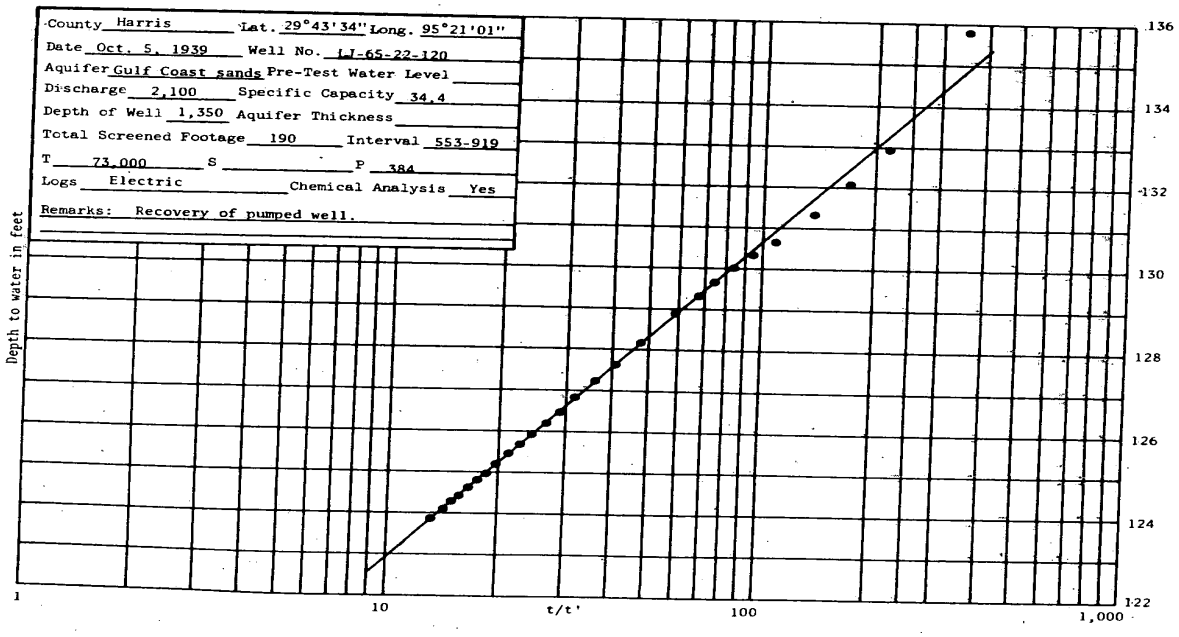
Aquifer - 121EVGL **ID -** 15
EVANGELINE AQUIFER

Monday, August 07, 2006

Well Number - 6522120

State ID: 65-22-120

County Harris Lat. 29°43'34" Long. 95°21'01"
Date Oct. 5, 1939 Well No. LJ-65-22-120
Aquifer Gulf Coast sands Pre-Test Water Level
Discharge 2,100 Specific Capacity 34.4
Depth of Well 1,350 Aquifer Thickness
Total Screened Footage 190 Interval 553-919
T 73,000 S P 384
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.



WATER UTILITY DATABASE (WUD)

MAP ID# 165 **Distance from Property: 2.84 mi. S**

PWSID:	**1010013**
SOURCE ID:	**G1010013HL**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1928**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.350555420**
LATITUDE:	**29.726388930**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 165 **Distance from Property: 2.85 mi. S**

PWSID:	**1010013**
SOURCE ID:	**G1010013HM**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1931**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.350280760**
LATITUDE:	**29.726110460**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 165 **Distance from Property: 2.85 mi. S**

STATE ID:	**65-22-121**
OWNER'S NAME:	**CITY OF HOUSTON SCOTT STREET #4**
DATE DRILLED:	**00/00/1931**
DEPTH DRILLED:	**1756'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.350496000**
LATITUDE:	**29.726340000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522121/6522121.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6522121 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294335 **Longitude** 952102 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
City of Houston
Scott Street #4

Driller
Layne Texas

Address _____ **Tenant/Oper.** _____

Date Drilled / /1931 **Depth** 1756 **Source of Depth** **Altitude** 45 **Source of Alt.** M

Well Type W **User** 396200

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 -** M **Quality -** Y **Logs -** **Other Data -** AC

WATER LEVELS - 2 measurements
1931 to 1955
MIN -228.1 MAX -58

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

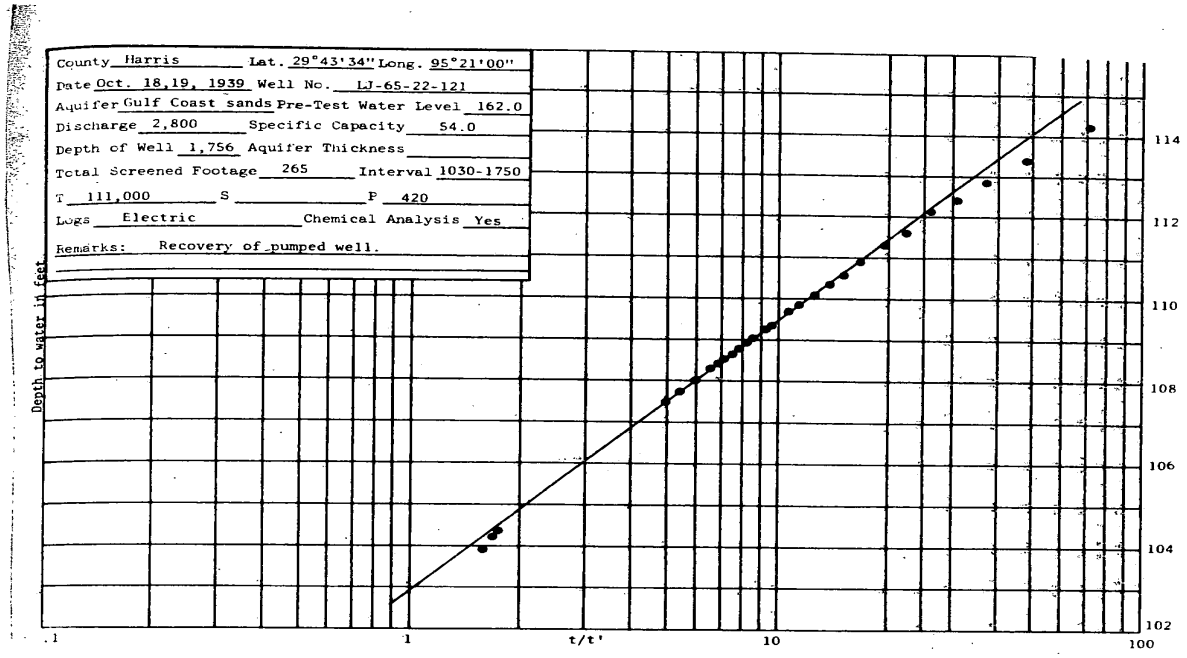
REMARKS -
265 ft of screen between 1030 and 1750 ft. Reported yield 1880 gpm with 36 ft drawdown when drilled. Test hole drilled to 2145 ft. Aquifer test data in TWDB R-98. Well 4, destroyed.

Aquifer - 121EVGL **ID -** 15
EVANGELINE AQUIFER

Monday, August 07, 2006

Well Number - 6522121

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


County Harris Lat. 29°43'34" Long. 95°21'00"
Date Oct. 18,19, 1939 Well No. LJ-65-22-121
Aquifer Gulf Coast sands Pre-Test Water Level 162.0
Discharge 2,800 Specific Capacity 54.0
Depth of Well 1,756 Aquifer Thickness
Total Screened Footage 265 Interval 1030-1750
T 111,000 S P 420
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Depth to water in feet
114
112
110
108
106
104
102
.1
1
t/t'
10
100

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 166 **Distance from Property: 2.84 mi. ESE**

STATE ID:	**65-14-811**
OWNER'S NAME:	**HOUSTON ELECTRIC CO.**
DATE DRILLED:	**00/00/1939**
DEPTH DRILLED:	**570'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.306007000**
LATITUDE:	**29.754248000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514811/6514811.pdf**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 166 **Distance from Property: 2.84 mi. ESE**

WELL ID:	**1688**
OWNERS NAME:	**PETROLEUM COKE GRINDING INC.**
YEAR DRILLED:	**1962**
DEPTH DRILLED:	**808'**
STATIC LEVEL:	**605'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.305995000**
LATITUDE:	**29.754256000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 167 **Distance from Property: 2.84 mi. SSE**

STATE ID:	**65-22-223**
OWNER'S NAME:	**HYGEIA ICE CO.**
DATE DRILLED:	**00/00/1928**
DEPTH DRILLED:	**728'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.328080000**
LATITUDE:	**29.731630000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522223/6522223.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 223 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 43 53 Longitude - 95 19 42 Source of Coords - 2

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

Owner - Hygeia Ice Co. Driller - McMasters and Pomeroy

Address _____ Tenant/Oper. _____
Date Drilled - / /1928 Depth - 728 ft. Source of Depth - Altitude - 42 ft. Source of Alt. -
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER Well Type - W User -

WELL CONSTRUCTION
Const. Methoc - _____
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- M Quality- Y Logs- Other Data-

WATER LEVELS Date- 01/16/1931 Measurement- -59.10
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -
REMARKS -
177 ft of screen between 197 and
708 ft. Well destoryed.

| 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 22 223

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 168 **Distance from Property: 2.85 mi. SSE**

WELL ID:	**3458**
OWNERS NAME:	**UNIVERSITY OF HOUSTON**
YEAR DRILLED:	**1986**
DEPTH DRILLED:	**100'**
STATIC LEVEL:	**100'**
WATER USAGE:	**OTHER**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.340243000**
LATITUDE:	**29.727488000**
SOURCE:	**HGSD**

MAP ID# 168 **Distance from Property: 2.85 mi. SSE**

STATE ID:	**65-22-102**
OWNER'S NAME:	**UNIVERSITY OF HOUSTON**
DATE DRILLED:	**00/00/1957**
DEPTH DRILLED:	**2436'**
WATER USAGE:	
LONGITUDE:	**-95.340240000**
LATITUDE:	**29.727490000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522102/6522102.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 102 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 43 13 Longitude - 95 20 22 Source of Coords - 1

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

Owner - University of Houston Driller -

Address _____ Tenant/Oper. _____
Date Drilled - / /1957 Depth - 2,436 ft. Source of Depth - Altitude - 42 ft. Source of Alt. -
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User -

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

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- _____ 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 -
Test well 1. Clay compaction test
data in files of U.S.G.S.

| 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 22 102

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

MAP ID# 168 **Distance from Property: 2.85 mi. SSE**

WELL ID:	**1687**
OWNERS NAME:	**UNIVERSITY OF HOUSTON**
YEAR DRILLED:	**1965**
DEPTH DRILLED:	**748'**
STATIC LEVEL:	**745'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.340243000**
LATITUDE:	**29.727488000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 169 **Distance from Property: 2.87 mi. S**

STATE ID:	**65-22-103**
OWNER'S NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**12/29/1962**
DEPTH DRILLED:	**2157'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.350496000**
LATITUDE:	**29.726063000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522103/6522103.pdf**

WRD Exp. (GW)
April 1966

Well No. LJ-65-22-103

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD (T. Brown)

Record by G.M. (10-A-63) Source of data FILES Date 2-23-68 Map 1:24000 Park Place 1955

State Texas 48 County (or town) Harris LJ

Latitude: 29 deg 43 min 34 sec N Longitude: 095 degrees 21 min 01 sec W Sequential number: 1

Lat-long accuracy: 1 T. ___ N, S, R ___ W, E, Sec ___, ___ ¼, ___ ¼, ___ ¼

Local well number: LJ-65-22-103 Other number: B & M WELL # 6

Local use: ___ Owner or name: CITY OF HOUSTON

Owner or name: CITY OF HOUSTON Address: Scott Street 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) Mnd, (N) Ind, (P) P-S, (R) Rec, (S) Stock, (T) Institt, (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 Exs, (O) Obs, (O) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdrew, (X) Waste, (Z) Destroyed W

DATA AVAILABLE: Well data 1 Freq. W/L meas.: 1963 -- Annual A Field aquifer char. ___

Hyd. lab. data: ___

Qual. water data; type: ___

Freq. sampling: 7-29-63 A Pumpage inventory: yes no. period: ___

Aperture cards: ___ yes

Log data: E-Log BB-29 To 2521' E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 2137 ft 2157 Meas. Driller accuracy 3

Depth cased; (first perf.) 580 ft 5810 Casing type: S ; Diam. 29-12¾ 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., (S) shored, (T) 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: 1-21-63 3163 Pump intake setting: 372 ft 3732

Driller: LAYNE-TEXAS Co. (name) HOUSTON, TEXAS (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.) (M) multiple, (curb.) (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other 5 Deep Shallow D

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 300 W Trans. or meter no. ___

Descrip. MP 2" MEASURING PIPE 3.0 ft above below LSD Alt. MP 48'

Alt. LSD: 45' 4 5 Accuracy: (source) 5' Toro 3

Water Level 261.53 ft above below MP; Ft above below LSD 2539 Accuracy: MEAS. A

Date meas: 2-23-63 2263 Yield: 3024 gpm 3024 Method determined 4

Drawdown: 79 ft 79 Accuracy: MEAS Y.D. 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. ___

P/L: 340.1 261.5 78.6

Well No. LJ-65-22-103

Well No. LS-65-22-103

Latitude-longitude 29 d 43 m 34 s N 095 d 21 m 01 s W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD | Physiographic Province: COASTAL PLAINS 03 | Section:

F | Drainage Basin: 51R | Subbasin:

Topo of well site: (D) depression, (C) stream channel, (K) dunes, (F) flat, (H) hilltop, (S) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat

MAJOR AQUIFER: system . series T | aquifer, formation, group E

Lithology: | Origin: | Aquifer Thickness: ft

Length of well open to: 418 ft | Depth to top of: 418 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: 580-590, 645-669, 720-730, 755-780, 820-830, 860-870, 900-925

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/ft²; Spec cap: gpm/ft; Number of geologic cards:

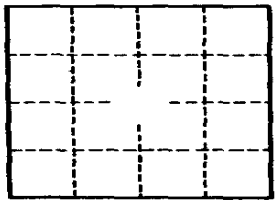
* SCREENS:

580-590
1050-1060
1080-1090
1130-1165
1350-1365
1390-1410
1430-1440
1470-1495
1500-1510
1575-1615
1690-1720
1735-1750
1850-1880
2105-2140

90' plug in bottom

CSG:

571' of 24"
510-2157 - of 12"
SS .045 gw



Well No. LT-65-22-103

GPO 857-700

(11-74) Water Resources Division Austin, Texas 021400

Latitude ° ' " 29 43 34 | Longitude ° ' " 095 21 01 | Seq. No. 01

County code 201 County HARRIS

Well # LJ-65-22-103

Project number 7-4648-01000

Date 5-17-77 Time — Temp°C 26.5

Owner City of Houston

Address Scott St # 6

Date drld — WBF code 121 Eval

Sample interval: (top) 580 (bottom) 2140

Water level — Appr CLEAR Use PS

Collector Peters 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 | Station identification number 29433409521010101

Y M D: 77 05 17 Begin | Time of measurement

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	5800	03	
Sample interval BOTTOM	72016	2140	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	7800	01		7.8
Specific conductance	00095	7380	03		738
HCO_3	00440	3400	03		340
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6400	02		64
Sulfate (SO_4)	00945	9200	01		9.2
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31625				
Strep-tococci	31673				
BOD	00310				

65-22-103

(11-74) UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017575

Latitude ° ' " 29 43 34 | Longitude ° ' " 095 21 01 | Seq. No. 01

County code 201 County Harris

Well # LJ-65-22-103

Project number 4648-01000

Date 2-6-76 Time — Temp°C 29.5

Owner City of Houston

Address Scott St. #6

Date drld — WBF code 121 EVGL

Sample interval: (top) 580 (bottom) 2140

Water level — Apprclear Use PS

Collector Raffel 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 29433409521010 1 (2–9) (10)

Y M D 76 02 06 (17) Begin (22) Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk	
Depth	72008				
Yield (GPM)	00059				
Sample interval OP	72015	5800	03		
Sample interval BOTTOM	72016	2140	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	8100	01		8.1
Specific conductance	00095	7620	03		762
HCO_3	00440	3490	03		349
CO_3	00445	0009	01		0
Chloride (Cl)	00940	7000	02		70.
Sulfate (SO_4)	00945	2800	01		2.8
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

Water Survey Division
Austin, Texas

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 43 34	095 21 01	01

County code 201 County Harris
Well # LJ-65-22-103
Project number 5-4648-01000
Date 2-4-75 Time ____ Temp°C 24.5
Owner City of Houston
Address South St. #6
Date drld 1-21-63 WBF code 121EVGL
Sample interval: (top) 580 (bottom) 2140
Water level ____ Appr ____ Use PS
Collector Naftel Yield ____ GPM
Smpld aftr pmpg on arrival Depth 2157
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 43 34 095 21 01 01 (2–16)
Y M D: 75 02 04 (17–22) Begin
Time of measurement: ____ (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008	2157	04	
Yield (GPM)	00059			
Sample interval TOP	72015	5800	03	
Sample interval BOTTOM	72016	2140	04	

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	29.50	02		
pH	00400	8200	01		8.2
Specific conductance	00095	7580	03		758
HCO_3	00440	3470	03		347
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6900	02		69
Sulfate (SO_4)	00945	4800	01		4.8
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Latitude ° ' " 29 43 34 | Longitude ° ' " 095 21 01 | Seq. No. 01

unty code 101 County HARRIS

Well # LJ 65-22-103

Project number T4648-01000

Date 9-23-76 Time 1415 Temp°C 30.0

Owner CITY OF HOUSTON

Address SCOTT #6

Date drld 1-21-63 WBF code EVGL

Sample interval: (top) 580 (bottom) 2140

Water level 438.79 Appr CLERK Use PS

Collector BEZANT Yield 2034 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

Std chem schedule I

Other

Herbicide ____ Insecticide ____

Remarks:

Type 2 | Station identification number 29434340952101101

Y 76 M 09 D 23 Begin 17 22

Time of measurement 29 32

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	5800	03	
Sample interval BOTTOM	72016	2140	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	3000	02		30.0
pH	00400	7900	01		7.9
Specific conductance	00095	7570	03		757
HCO_3	00440	2520	03		252
CO_3	00445	0000	01		0
Chloride (Cl)	00940	7000	02		70
Sulfate (SO_4)	00945	3600	01		3.6
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

RECEIVED 65-22-16 Letter dated 1-2 (2)

FORM NO. 28 JAN 29 1963

TEXAS WATER COMMISSION AUSTIN, TEXAS

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

WELL LOG

REPORT NO. 6267
S. O. 2393-62
PAGE 1 OF 3
FILE NO. 2749
DATE 1-21-63

CUSTOMER LOCATION

FOR CITY OF HOUSTON

LOCATION WELL 3335 ADAIR STREET

SURVEY FIELD

COUNTY HARRIS STATE TEXAS

OTHER LAND MARKS SCOTT STREET WATER PLANT

WELL DATA

NAME WELL WELL NO. 6

ELEVATION DATUM

RT C

TEST HOLE SIZE 9-7/8" & 7-5/8" 2521'

DATE STARTED DRILLING 12-21-62

DATE FINISHED DRILLING 12-29-62

DRILLER L. LUTHRINGER RIG NO. 5A

TYPE MUD JEL NO. SACKS 20

ELECTRIC LOG YES TYPE SCHLUMBERGER

SURVEY EASTMAN TYPE

OTHER

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
0		SURFACE			
4	4	SURFACE SOIL			
18	14	GRAY CLAY, FEW SAND STREAKS			
54	36	RED STICKY CLAY			
115	61	SAND & CLAY STREAKS			
153	38	CLAY & SANDY CLAY STKS.			
163	10	SAND			
188	25	CLAY & SAND STKS.			
195	7	SAND			
215	20	CLAY			
225	10	SAND			
235	10	CLAY			
262	27	SAND & CLAY STKS.			
305	43	CLAY & SANDY CLAY BRKS.			
368	63	SAND & CLAY BRKS.			
421	53	CLAY			
452	31	SAND & CLAY STRKS.			
483	31	CLAY & SAND STRKS.			
540	57	CLAY			
598	58	SAND & SHALE BRKS.			
633	35	CLAY			
665	32	SAND			
710	45	CLAY			
728	18	SAND			
734	6	CLAY			
764	30	SAND			
773	9	SAND & SANDY CLAY STRKS.			
789	16	CLAY			
793	4	SAND			
815	22	CLAY			
839	24	SAND & SANDY CLAY			
843	4	CLAY			
849	6	SAND & SANDY CLAY			
917	68	SAND			
937	20	SHALE			
948	11	SAND			
968	20	SHALE			
992	24	SAND			
1003	11	SAND & SANDY SHALE			

65-22-103 65-22-16

FORM NO. 28

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

WELL LOG

REPORT NO. 6267
S. O. 2393-62
PAGE 2 OF 3
FILE NO. 2749
DATE 1-21-63

CUSTOMER LOCATION

FOR CITY OF HOUSTON

LOCATION WELL 3335 ADAIR STREET

SURVEY FIELD

COUNTY HARRIS STATE TEXAS

OTHER LAND MARKS SCOTT STREET WATER PLANT

WELL DATA

NAME WELL WELL NO. 6
ELEVATION DATUM
TEST HOLE SIZE RT 9-7/8" & C 7-7/8" TD 2521' GR
DATE STARTED DRILLING 12-21-62
DATE FINISHED DRILLING 12-29-62
DRILLER L. LUTHRINGER RIG NO. 5A
TYPE MUD JEL NO. SACKS 20
ELECTRIC LOG YES TYPE SCHLUMBERGER
SURVEY TYPE
OTHER

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
1003					
1009	6	SHALE			
1022	13	SAND			
1044	22	CLAY & SAND BRKS.			
1089	45	SAND & CLAY BREAKS			
1116	27	SHALE			
1156	40	SAND			
1222	66	STICKY SHALE			
1232	10	SANDY SHALE			
1343	111	SHALE			
1368	25	SAND			
1388	20	SANDY SHALE			
1462	74	SHALE & STICKY SHALE			
1513	51	SAND & SHALE BRKS.			
1590	77	SHALE & SANDY SHALE STRKS.			
1665	75	SHALE			
1677	12	SHALE & SANDY SHALE			
1726	49	SAND & STRKS. OF SHALE			
1751	25	SAND			
1766	15	SHALE & SAND BRKS.			
1836	70	HARD SANDY SHALE & SHALE			
1844	8	SHALE			
1880	36	SAND			
1895	15	SAND & SHALE BRKS.			
1906	11	SHALE			
1930	24	SANDY SHALE & SHALE			
1947	17	SAND & SHALE LAYERS			
1958	11	SAND			
2000	42	SHALE			
2025	25	HARD SAND			
2061	36	HARD SAND & SHALE STRKS.			
2092	31	HARD SHALE			
2133	41	SAND & SHALE BRKS.			
2164	31	HARD SHALE		ATTACH. 7 Pages	
2190	26	HARD SANDY SHALE			
2247	57	SAND & SHALE STRKS.		WW # 65-22-1 b	
2330	83	HARD SHALE			
2334	4	SANDY SHALE			
2365	51	HARD SHALE		65-22-103	

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

FORM NO. 25

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

WELL LOG

REPORT NO. 6267
S. O. 2393-62
PAGE 3 OF 3
FILE NO. 2749
DATE 1-21-63

CUSTOMER LOCATION

FOR CITY OF HOUSTON

LOCATION WELL 3335 ADAIR STREET

SURVEY FIELD

COUNTY HARRIS STATE TEXAS

OTHER LAND MARKS SCOTT STREET WATER PLANT

WELL DATA

NAME WELL WELL NO. 6
ELEVATION DATUM
RT GR C
TEST HOLE SIZE 9-7/8" & 7-7/8" TD 2521'
DATE STARTED DRILLING 12-21-62
DATE FINISHED DRILLING 12-29-62
DRILLER L. LUTHRINGER RIG NO. 5A
TYPE MUD JEL NO. SACKS 20
ELECTRIC LOG YES TYPE SCHLUMBERGER
SURVEY EASTMAN TYPE
OTHER

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
2365					
2426	61	SHALE & SANDY SHALE STREAKS			
2441	15	SAND			
2475	34	SHALE & SAND BRKS.			
2486	11	SHALE			
2496	10	SAND			
2521	25	SHALE & SAND BRKS.			
		TOTAL DEPTH 2521 FT.			

65-22-103
(65-22-1)

FORM NO. 1202

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

MATERIAL SETTING

REPORT NO. 6294
S. O. 2393-62
PAGE 1 OF 2
FILE NO. 2749
DATE 3/6/63

CUSTOMER LOCATION

FOR CITY OF HOUSTON

LOCATION WELL 3335 ADAIR STREET

SURVEY FIELD

COUNTY HARRIS STATE TEXAS

OTHER LAND MARKS SCOTT STREET PLANT

WELL DATA

NAME WELL SAME WELL NO. 6

ELEVATION DATUM

TYPE WELL GRAVEL-WALL

SURFACE CASING CEMENTED YES NO. SACKS 865+8% JEL

SIZE HOLE UNDERREAMED 30" DEPTH 2155'

GRAVEL TYPE 12,13,165 NO. CU. YDS. 350

TYPE SCREEN S.S. W.W. GAGE .045"

DRILLER L. LUTHRINGER RIG NO 5A

OTHER B. BIRDWELL & PAT HEFFERNAN

DEPTH	LENGTH	SIZE. KIND. WEIGHT MATERIAL	SKETCH
+1'		24" O.D. SURFACE CASING 1' ABOVE GROUND	
0		SURFACE	
500'		TOP OF 12-3/4" O.D. LINER	
570'	571'	24" O.D. SURFACE CASING	
580.25'	80.25'	12-3/4" O.D. BLANK LINER	
599.93'	19.68'	12-3/4" OD SS WW SCREEN .045" GA.	
645.11'	45.18'	12-3/4" O.D. BLANK PIPE	
669.69'	24.58'	12-3/4" OD SS WW SCREEN .045" GA.	
720.04'	50.35'	12-3/4" O.D. BLANK PIPE	
729.65'	9.61'	12-3/4" OD SS WW SCREEN .045" GA.	
755.02'	25.37'	12-3/4" O.D. BLANK PIPE	
779.64'	24.62'	12-3/4" OD SS WW SCREEN .045" GA.	
820.02'	40.38'	12-3/4" O.D. BLANK PIPE	
829.64'	9.62'	12-3/4" OD SS WW SCREEN .045" GA.	
860.00'	30.36'	12-3/4" O.D. BLANK PIPE	
869.66'	9.66'	12-3/4" OD SS WW SCREEN .045" GA.	
900.11'	30.45'	12-3/4" O.D. BLANK PIPE	
924.76'	24.65'	12-3/4" OD SS WW SCREEN .045" GA.	
980.08'	55.32'	12-3/4" O.D. BLANK PIPE	
989.73'	9.65'	12-3/4" OD SS WW SCREEN .045" GA.	
1050.04'	60.31'	12-3/4" O.D. BLANK PIPE	
1059.70'	9.66'	12-3/4" OD SS WW SCREEN .045" GA.	
1080.07'	20.37'	12-3/4" O.D. BLANK PIPE	
1089.73'	9.66'	12-3/4" OD SS WW SCREEN .045" GA.	
1130.06'	40.33'	12-3/4" O.D. BLANK PIPE	
1164.71'	34.65'	12-3/4" OD SS WW SCREEN .045" GA.	
1350.02'	185.31'	12-3/4" O.D. BLANK PIPE	
1364.65'	14.63'	12-3/4" OD SS WW SCREEN .045" GA.	
1389.98'	25.33'	12-3/4" O.D. BLANK PIPE	
1409.67'	19.69'	12-3/4" OD SS WW SCREEN .045" GA.	
1430.04'	20.37'	12-3/4" O.D. BLANK PIPE	
1439.70'	9.66'	12-3/4" OD SS WW SCREEN .045" GA.	
1470.10'	30.40'	12-3/4" O.D. BLANK PIPE	
1494.70'	24.60'	12-3/4" OD SS WW SCREEN .045" GA.	
1500.10'	5.40'	12-3/4" O.D. BLANK PIPE	
1509.77'	9.67'	12-3/4" OD SS WW SCREEN .045" GA.	
1550.11'	40.34'	12-3/4" O.D. BLANK PIPE	
1559.86'	9.75'	12-3/4" OD SS WW SCREEN .045" GA.	
1575.23'	15.37	12-3/4" O.D. BLANK PIPE	65-22-103 65-22-1W

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

FORM NO. 1202

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

MATERIAL SETTING

REPORT NO. 6294
S. O. 2393-62
PAGE 2 OF 2
FILE NO. 2749
DATE 3/6/63

CUSTOMER LOCATION

FOR CITY OF HOUSTON

LOCATION WELL 3335 ADAIR STREET

SURVEY FIELD

COUNTY HARRIS STATE TEXAS

OTHER LAND MARKS SCOTT STREET PLANT

WELL DATA

NAME WELL SAME WELL NO. 6

ELEVATION DATUM

TYPE WELL GRAVEL-WALL

SURFACE CASING CEMENTED YES NO. SACKS 865 +8%JEL

SIZE HOLE UNDERREAMED 30" DEPTH 2155'

GRAVEL TYPE 112,13,165 NO. CU. YDS. 350

TYPE SCREEN S.S. W.W. GAGE .045"

DRILLER L. LUTHRINGER RIG NO 5A

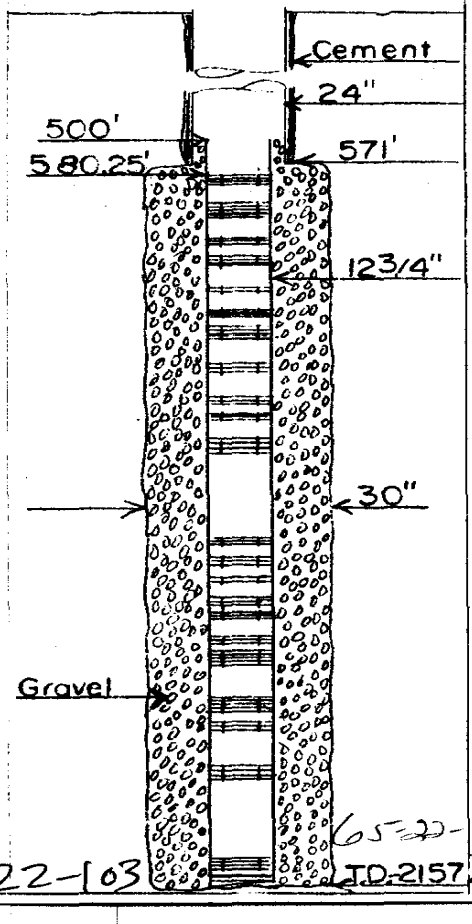
OTHER B. BIRDWELL & PAT HEFFERNAN

DEPTH	LENGTH	SIZE. KIND. WEIGHT MATERIAL
1575.23'		
1614.83'	39.60'	12-3/4" OD SS WW SCREEN .045" GA.
1690.28'	75.45'	12-3/4" O.D. BLANK PIPE
1719.78'	29.50'	12-3/4" OD SS WW SCREEN .045" GA.
1735.17'	15.39'	12-3/4" O.D. BLANK PIPE
1749.80'	14.63'	12-3/4" OD SS WW SCREEN .045" GA.
1850.16'	100.36'	12-3/4" O.D. BLANK PIPE
1829.84'	29.68'	12-3/4" OD SS WW SCREEN .045" GA.
2105.41'	225.57'	12-3/4" O.D. BLANK PIPE
2140.04'	34.63'	12-3/4" OD SS WW SCREEN .045" GA.
2155.25'	15.21'	12-3/4" O.D. BLANK PIPE
2157.50'	2.25'	12-3/4" O.D. SET NIPPLE & B.P. VALVE

TOTAL DEPTH 2157.50'

NOTE: DRAWING NOT TO SCALE.

SKETCH



65-22-1A

65-22-103 TD 2157.50

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

WATER WELL TEST

REPORT NO. 6295
P.O. 2393-62
APP. 1 or 3
FILE NO. 2749
DATE 3/6/63

CUSTOMER LOCATION

TEST FOR: CITY OF HOUSTON
LOCATION OF WELL: 3335 ADAIR STREET
SURVEY: FIELD:
COUNTY: HARRIS STATE: TEXAS
DESCRIPTION OF LAND MARKS: SCOTT STREET PLANT

WELL DATA

NAME WELL: SAME WELL NO. 6
ELEVATION: DATUM:
WELL SIZE: 24" x 12-3/4" x 30" UR
TOTAL DEPTH: 2157.50' TOP SCREEN: 580.25'
GRAVEL WELL: YES STRAIGHT WELL:
TYPE SCREEN: S.S. W.W. GAGE: .045"
TEMPERATURE OF WATER: 83.5° F.
WATER CONDITION:

WATER MEASURING DEVICE

ORIFICE SIZE: 10"x12" LENGTH:
OTHER: USED ELECTRICAL TAPE FOR MEASUREMENT

TEST PUMP DATA

DEPTH SETTING TOP OF BOWL: 400'
LENGTH AIR LINE: 400' SIZE: 1/4"
TYPE BOWL: 18" RKHC NO. STAGES: 3
LENGTH BOWL: SUCTION I.E.:

SAND CONTENT: 0 OZ. PER 100 GAL.
WATER SAMPLE TAKEN: No NO. SAMPLES:
BACTERIA: TOTAL SAMPLE TAKEN:
DRAWDOWN: SPECIFIC CAPACITY:

ACTIVE STATIC HEAD AFTER PUMP STOPPED

5 MIN	281.36 FT	20 MIN	275.23 FT
10 MIN	274.58 FT	25 MIN	274.44 FT
15 MIN	276 FT	30 MIN	274.09 FT

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH PRESS	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
2/21/63		STARTED TEST AT 6:00 A.M.						
7:00	AM	336.25			3110		L.S.L.	
8:00		337.45		39	3088			
9:00		337.33		38.5	3068			
10:00		336.31		37	3002			
11:00		340.23		40	3130			STEPPED UP MOTOR
12:00	N	341.59		41	3160			
1:00	PM	341.80		41	3160			
2:00		343.12		42.5	3219			MOTORS SPEEDED UP
3:00		339.36		38.5	3068			SLOWED PUMP
4:00		340.20		39	3088		P.B.H.	
5:00		340.00		39	3088			SLOWED PUMP @ 5:15
6:00		339.80		38.5	3068			
7:00		340.51		39	3088			
8:00		340.45		39	3088			
9:00		340.47		39	3088			
10:00		341.45		39.5	3110			
11:00		341.55		39.5	3110			
12:00	M-2/22/63	341.21		39.5	3110			
1:00	AM	341.03		39	3088			
2:00		341.53		39.5	3110			
3:00		341.92		40	3130			
4:00		342.70		40.5	3146			
5:00		341.90		40	3130			
6:00		339.45		38.5	3068			
7:00		343.28		41.5	3179			
8:00		343.46		41	3160			

OBSERVERS

MR. D. E. VAN BUSKIRK FOR OWNER

L. LUTHRINGER, P. HEFFERNAN FOR LAYNE TEXAS CO.

FORM NO. 29

65-22-103 65-22-1

LAYNE TEXAS COMPA...

HOUSTON -:- DALLAS

WATER WELL TEST

REPORT NO 6295
S O 2393-62
PAGE 2 OF 3
FILE NO 2749
DATE 3/6/63

CUSTOMER LOCATION

TEST FOR: CITY OF HOUSTON
LOCATION OF WELL: 3335 ADAIR STREET
SURVEY: FIELD:
COUNTY: HARRIS STATE: TEXAS
DESCRIPTION OF LAND MARKS: SCOTT STREET PLANT

WELL DATA

NAME WELL: SAME WELL NO: 6
ELEVATION: DATUM:
WELL SIZE: 24" x 12-3/4" x 30" UR
TOTAL DEPTH: 2157.50' TOP SCREEN: 580.25'
GRAVEL WELL: YES STRAIGHT WELL:
TYPE SCREEN: S.S. W.W. GAGE: .045"
TEMPERATURE OF WATER: 83.5° F.
WATER CONDITION:

WATER MEASURING DEVICE

ORIFICE SIZE: 10"x12" LENGTH:
OTHER: USED ELECTRICAL TAPE FOR MEASUREMENT

TEST PUMP DATA

DEPTH SETTING TURBINE BOWL: 400'
LENGTH AIR LINE: 400' SIZE: 1/4"
TYPE BOWL: 18" RKHC NO. STAGES: 3
TENSION BOW: SPOOL NET:

SAND CONTENT: 0 OZ. PER 100 GAL.
WATER SAMPLE TAKEN: NO NO. SAMPLES:
BACTERIA TAKEN: 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 & TIME	AIR LINE GAGE	PUMPING LEVEL	DISCH. PRESS.	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
9:00AM		341.62		39	3088			
10:00		341.69		39	3088			
11:00		341.74		39	3088			
12:00 N		341.59		38.5	3068			
1:00 PM		341.08		38	3046			
2:00		340.85		38	3046			
3:00		340.50		38	3046			STOPPED 5 MIN.
4:00		340.45		38.5	3068		P.B.H.	
5:00		341.20		39.5	3110			
6:00		341.55		39	3088			
7:00		341.55		39	3088			
8:00		341.70		39.5	3110			SLOWED PUMP @ 8:15
9:00		341.20		39	3088			TO 38"
10:00		341.10		38.5	3068			
11:00		339.80		37.5	3024			MOTORS SLOWED TO
12:00 M	2/23/63	339.80		37.5	3024			24" @ 11 PM
1:00 AM		340.70		38	3046			
2:00		340.70		38	3046			
3:00		340.76		38	3046			
4:00		340.80		38	3046			
5:00		340.70		38	3046			
6:00		340.60		38	3046			

OBSERVERS
MR. D. E. VAN BUSKIRK
L. LUTHRINGER, PAT HEFFERNAN
FOR LAYNE TEXAS CO.

65-22-103 65-22-1

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

WATER WELL TEST

REPORT NO 6295
S O 2393-62
PAGE 3 OF 3
FILE NO 2749
DATE 3/6/63

CUSTOMER LOCATION

TEST FOR **CITY OF HOUSTON**

LOCATION OF WELL **3335 ADAIR STREET**

SURVEY FIELD

COUNTY **HARRIS** STATE **TEXAS**

DESCRIPTION OF LAND MARKS **SCOTT STREET PLANT**

WELL DATA

NAME WELL **SAME** WELL NO **6**

ELEVATION DATUM

WELL SIZE x x

TOTAL DEPTH TOP SCREEN

GRAVEL WELL STRAIGHT WELL

TYPE SCREEN GAGE

TEMPERATURE OF WATER

WATER CONDITION

WATER MEASURING DEVICE

ORIFICE SIZE LENGTH

OTHER

TEST PUMP DATA

DEPTH SETTING TOP OF BOWL

LENGTH AIR LINE SIZE

TYPE BOWL NO STAGES

LENGTH BOWL SUCTION LT

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 SAMPLE TAKEN

DRAWDOWN SPECIFIC CAPACITY

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH PRESS	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
RECOVERY RUN BY U.S.G.S.								
2/23/63		W.L.						
6:00 AM		281.36						
6:10		277.33						
6:15		276.28						
6:20		275.55						
6:25		274.98						
6:30		274.51						
6:35		274.20						
6:40		273.79						
6:45		273.52						
6:50		273.26						
7:00		272.82						
7:10		272.44						
7:22		272.06						
7:30		271.83						
7:40		271.59						
7:43		271.53						

OBSERVERS

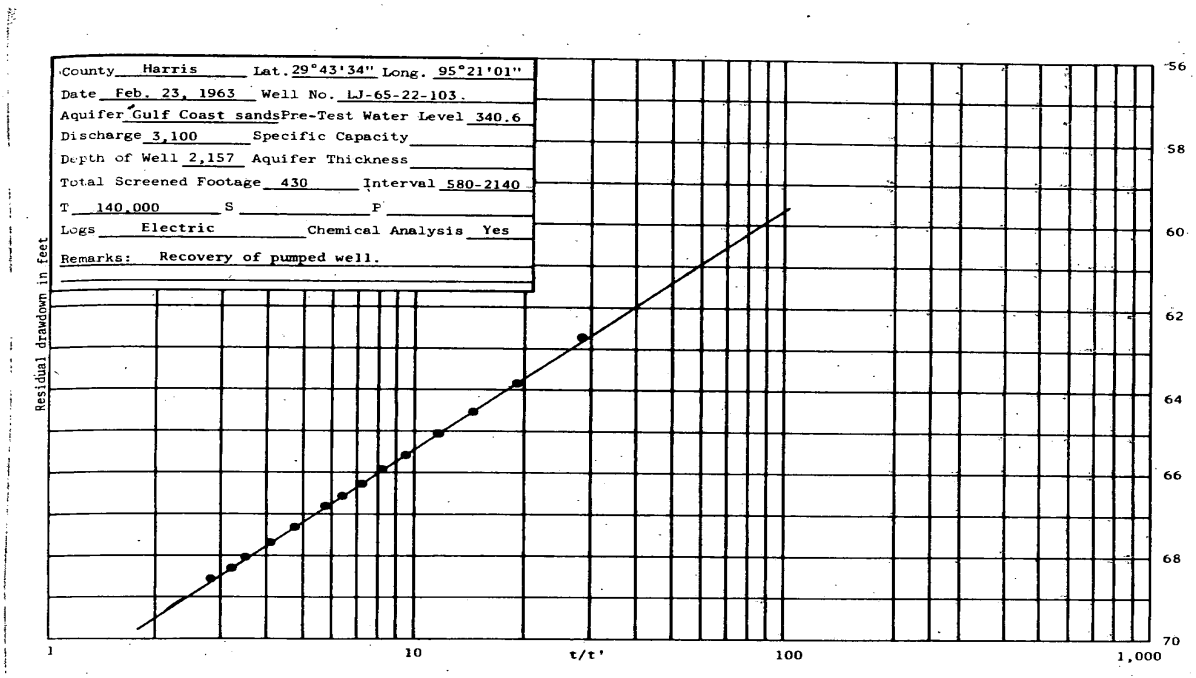
MR. D. E. VAN BUSKIRK

U. S. G. S.
L. LUTHRINGER, PAT HEFFERNAN

FOR LAYNE TEXAS CO

65-22-103 65-22-1W

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


County Harris Lat. 29°43'34" Long. 95°21'01"
Date Feb. 23, 1963 Well No. LJ-65-22-103
Aquifer Gulf Coast sands Pre-Test Water Level 340.6
Discharge 3,100 Specific Capacity
Depth of Well 2,157 Aquifer Thickness
Total Screened Footage 430 Interval 580-2140
T 140,000 S P
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Residual drawdown in feet
56
58
60
62
64
66
68
70
1
10
t/t'
100
1,000

MAP ID# 169 **Distance from Property: 2.87 mi. S**

PWSID:	**1010013**
SOURCE ID:	**G1010013AQ**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**12/29/1962**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - ABANDONED**
CCN:	**P1552**
LONGITUDE:	**-95.350280760**
LATITUDE:	**29.725833890**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 169 **Distance from Property: 2.87 mi. S**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294334095210101**
STATION NAME: **LJ-65-22-103**
SITE TYPE: **GW**
LATITUDE: **29.726063000** LONGITUDE: **-95.350496000**
DATE DRILLED: **01/21/1963**
WELL DEPTH: **2157 feet**
HOLE DEPTH: **2521 feet**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 169 **Distance from Property: 2.87 mi. S**

WELL ID:	**1095**
OWNERS NAME:	**HOUSTON, CITY OF**
YEAR DRILLED:	**1963**
DEPTH DRILLED:	**2157'**
STATIC LEVEL:	**580'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.350496000**
LATITUDE:	**29.726063000**
SOURCE:	**HGSD**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 170 **Distance from Property: 2.88 mi. SE**

WELL ID:	**1978**
OWNERS NAME:	**HUGHES TOOL COMPANY**
YEAR DRILLED:	**1957**
DEPTH DRILLED:	**1120'**
STATIC LEVEL:	**849'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.319184000**
LATITUDE:	**29.736283000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 170 **Distance from Property: 2.88 mi. SE**

STATE ID:	**65-22-203**
OWNER'S NAME:	**HUGHES TOOL CO.**
DATE DRILLED:	**09/28/1948**
DEPTH DRILLED:	**1120'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.319178000**
LATITUDE:	**29.736275000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522203/6522203.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 203 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 44 17 Longitude - 95 19 01 Source of Coords - 2

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

Owner - Hughes Tool Co. Driller - Layne Texas

Address _____ Tenant/Oper. _____
Date Drilled - 09/28/1948 Depth - 1,120 ft. Source of Depth - D Altitude - 38 ft. Source of Alt. - M
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User -

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

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 -

| 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 22 203

MAP ID# 170 **Distance from Property: 2.88 mi. SE**

STATE ID:	**65-22-202**
OWNER'S NAME:	**HAMMS BREWING**
DATE DRILLED:	**09/06/1947**
DEPTH DRILLED:	**1133'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.319179000**
LATITUDE:	**29.736275000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522202/6522202.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 203 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 44 17 Longitude - 95 19 01 Source of Coords - 2

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

Owner - Hughes Tool Co. Driller - Layne Texas

Address _____ Tenant/Oper. _____
Date Drilled - 09/28/1948 Depth - 1,120 ft. Source of Depth - D Altitude - 38 ft. Source of Alt. - M
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User -

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

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 -

| 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 22 203

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 170 **Distance from Property: 2.88 mi. SE**

STATE ID:	**65-22-210**
OWNER'S NAME:	**HUGHES TOOL CO.**
DATE DRILLED:	**00/00/1934**
DEPTH DRILLED:	**1123'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.319181000**
LATITUDE:	**29.736275000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522210/6522210.pdf**

MAP ID# 170 **Distance from Property: 2.88 mi. SE**

STATE ID:	**65-22-211**
OWNER'S NAME:	**HUGHES TOOL CO. #2**
DATE DRILLED:	**05/03/1926**
DEPTH DRILLED:	**1096'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.319187000**
LATITUDE:	**29.736283000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522211/6522211.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 211 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 44 15 Longitude - 95 18 54 Source of Coords - 2

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

Owner - Hughes Tool Co. #2 Driller - Layne Texas

Address _____ Tenant/Oper. _____
Date Drilled - 05/03/1926 Depth - 1,096 ft. Source of Depth - D Altitude - 40 ft. Source of Alt. - M
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User -

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- M Quality- N Logs- D Other Data-

WATER LEVELS Date- 06/01/1956 Measurement- -225.40
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 22 211

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

MAP ID# 170 **Distance from Property: 2.88 mi. SE**

STATE ID:	**65-22-212**
OWNER'S NAME:	**HUGHES TOOL CO. #1**
DATE DRILLED:	**00/00/1923**
DEPTH DRILLED:	**694'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.319174000**
LATITUDE:	**29.736275000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522212/6522212.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 212 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 44 12 Longitude - 95 18 51 Source of Coords - 1

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

Owner - Hughes Tool Co. Driller - Layne Texas
#1

Address _____ Tenant/Oper. _____
Date Drilled - / /1923 Depth - 694 ft. Source of Depth - D Altitude - 40 ft. Source of Alt. - M
Aquifer - 112CEVG CHICOT AND EVANGELINE AQUIFERS Well Type - W User -

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- M Quality- N Logs- D Other Data-

WATER LEVELS Date- 01/08/1931 Measurement- -49.20
Date- 03/16/1945 Measurement- -79.50

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 - 112CEVG
Well No. - 65 22 212

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 170 **Distance from Property: 2.88 mi. SE**

WELL ID:	**1977**
OWNERS NAME:	**HUGHES TOOL COMPANY**
YEAR DRILLED:	**1969**
DEPTH DRILLED:	**1133'**
STATIC LEVEL:	**838'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.319171000**
LATITUDE:	**29.736288000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 171 **Distance from Property: 2.89 mi. NNW**

STATE ID:	**65-14-415**
OWNER'S NAME:	**W. E. EMERSON**
DATE DRILLED:	**00/00/1953**
DEPTH DRILLED:	**191'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.363680000**
LATITUDE:	**29.808890000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514415/6514415.pdf**

MAP ID# 172 **Distance from Property: 2.89 mi. ESE**

STATE ID:	**65-22-205**
OWNER'S NAME:	**REED ROLLER BIT CO. WELL 3**
DATE DRILLED:	**11/24/1941**
DEPTH DRILLED:	**1115'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.307045000**
LATITUDE:	**29.749918000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522205/6522205.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 205 Previous Well Number -
County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 44 58 Longitude - 95 18 27 Source of Coords - 3

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

Owner - Reed Roller Bit Co.
well 3
Driller - Layne Texas

Address _____ Tenant/Oper. _____

Date Drilled - 11/24/1941 Depth - 1,115 ft. Source of Depth - D Altitude - 40 ft. Source of Alt. - M
Well Type - W User - 721400

Aquifer - 121EVGL EVANGELINE AQUIFER

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

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 - 60

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 -

| 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 22 205

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 172 **Distance from Property: 2.89 mi. ESE**

WELL ID:	**1709**
OWNERS NAME:	**REED HYCALOG, LP**
YEAR DRILLED:	**1941**
DEPTH DRILLED:	**1115'**
STATIC LEVEL:	**856'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.307052000**
LATITUDE:	**29.749922000**
SOURCE:	**HGSD**

MAP ID# 173 **Distance from Property: 2.95 mi. E**

STATE ID:	**65-14-820**
OWNER'S NAME:	**RICE HOTEL LAUNDRY**
DATE DRILLED:	**01/22/1965**
DEPTH DRILLED:	**1085'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.302050000**
LATITUDE:	**29.761630000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514820/6514820.pdf**

TEXAS DEPARTMENT OF WATER RESOURCES

WELL SCHEDULE

Aquifer(s) Evangeline Project No. _____ State Well No. 65-14-820

Field No./Owner's Well No. _____ County HARRIS

1. Location: ___¼, ___¼, Section ____, Block ____, Survey _____, Lat. _____, Long. _____

2. Owner: Rice Hotel Laundry Address: _____

Tenant (other): _____ Address: _____

Driller: Layne Texas Address: _____

3. Land Surface Elevation: 44 ft. above msl determined by _____

4. Drilled: _____ 19 65; Dug, Cable Tool, Rotary, Air, _____

5. Depth: Rept. 1085 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 1/22/65 Length of Test _____ Made by L-T

Static Level 302 ft. Pumping Level _____ ft. Drawdown 70 ft.

Production 457 gpm Specific Capacity _____ gpm/ft.

11. Quality: (Remarks on taste, odor, color, etc.) _____

Analyses

Date _____ Laboratory Edna Lab 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) Q1734 (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
18			32
12			800
7			1085

TDWR-0308

W/L Obs. Well ___ W/Q Obs. Well ___
State Well No. 65-14-820

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

FORM 28

65-14-8B

LAYNE TEXAS COMPANY,

HOUSTON -:- DALLAS

WELL LOG

REPORT NO. 6933
S. O. 2043-64
PAGE 1 OF 2
FILE NO. 2968
DATE 1/25/65

CUSTOMER LOCATION

FOR CHARLES G. HEYNE & COMPANY

LOCATION WELL NEW RICE HOTEL LAUNDRY, HOUSTON

SURVEY FIELD

COUNTY HARRIS STATE TEXAS

OTHER LAND MARKS

WELL DATA

NAME WELL WELL NO. 1

ELEVATION DATUM

RT C GR

TEST HOLE SIZE 6-3/4" TD 1500'

DATE STARTED DRILLING 12-16-64

DATE FINISHED DRILLING

DRILLER B. PATTON RIG NO. 10

TYPE MUD GEL NO. SACKS 50

ELECTRIC LOG YES TYPE WIDCO

SURVEY TYPE

OTHER DRILLER: B. GLIDEWELL

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
0		SURFACE			
3	3	TOP SOIL			
12	9	CLAY			
27	15	RED SANDY CLAY & GRAVEL			
50	23	CLAY & SANDY CLAY			
66	16	SAND			
160	94	CLAY & SAND STREAKS			
252	92	CLAY			
373	121	CLAY & SANDY CLAY			
408	35	SAND			
533	125	SANDY SHALE			
568	35	SANDY SHALE & STREAKS OF SAND			
569	1	ROCK			
597	28	SANDY SHALE & SAND STREAKS			
630	33	SAND & HARD STREAKS			
665	35	SAND			
697	32	SHALE & SANDY SHALE			
713	16	SAND			
728	15	SHALE & SANDY SHALE			
752	25	SAND			
779	26	SANDY SHALE & SAND			
829	50	SAND & HARD STREAKS			
892	63	SHALE & SAND STREAKS			
953	61	SANDY SHALE & SHALE STREAKS			
985	32	SANDY SHALE & SAND STREAKS			
1010	25	SAND & HARD STREAKS			
1042	32	SHALE & SANDY SHALE			
1073	31	SANDY SHALE			
1090	17	SANDY SHALE & STREAKS OF SAND			
1124	34	SHALE, LIME STREAKS AND SAND			
1193	69	SHALE			
1215	22	SAND			
1269	54	SHALE & SANDY SHALE			
1284	15	SHALE & LIME STREAKS			
1318	34	SANDY SHALE & SAND STREAKS			
1341	23	HARD SHALE, LIME & SAND			
1365	24	SAND			
1404	39	SAND & SANDY SHALE			

Q-1734

65-14-8D
820

FORM N 28

LAYNE TEXAS COMPANY,

HOUSTON -:- DALLAS

WELL LOG

REPORT NO. 6933
S. O. 2043-64
PAGE 2 OF 2
FILE NO. 2968
DATE 1/25/65

CUSTOMER LOCATION

FOR CHARLES G. HEYNE & COMPANY

LOCATION WELL, NEW RICE HOTEL LAUNDRY, HOUSTON

SURVEY FIELD

COUNTY HARRIS STATE TEXAS

OTHER LAND MARKS

WELL DATA

NAME WELL WELL NO. 1
ELEVATION DATUM
RT C GR
TEST HOLE SIZE 6-3/4" TD 1500'
DATE STARTED DRILLING 12-16-64
DATE FINISHED DRILLING
DRILLER B. PATTON RIG NO. 10
TYPE MUD GEL NO. SACKS 50
ELECTRIC LOG YES TYPE WIDCO
SURVEY TYPE
OTHER DRILLER: B. GLIDEWELL

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
1404					
1409	5	SHALE			
1439	30	SANDY SHALE & SAND STREAKS			
1461	22	SANDY SHALE & SAND STREAKS			
1477	16	SHALE			
1497	20	SAND			
1500	3	SHALE			
TOTAL DEPTH 1500 FEET					

Attach 65-14-8A 820

FORM NO. 1202

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

MATERIAL SETTING

REPORT NO. 6934
S. O. 2043-64
PAGE 1 OF 1
FILE NO. 2968
DATE 1/25/65

CUSTOMER LOCATION

FOR Charles G. Heyne & Company

LOCATION WELL New Rice Hotel Laundry

SURVEY FIELD

COUNTY Harris STATE Texas

OTHER LAND MARKS

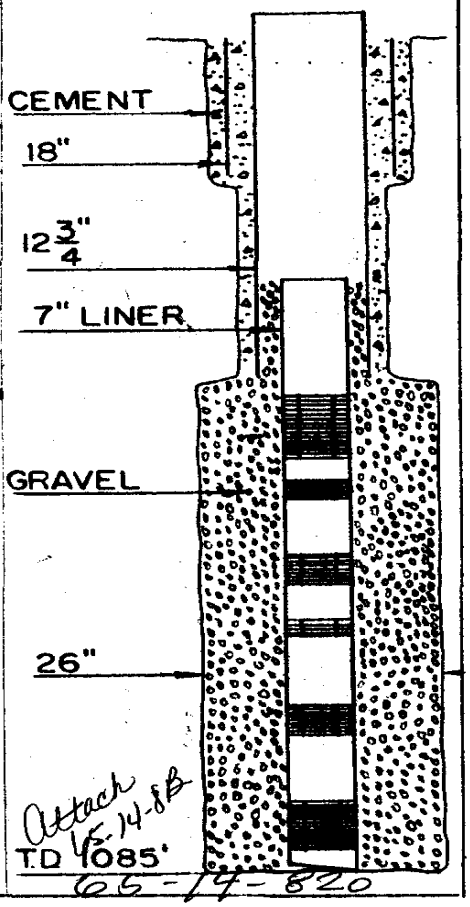
WELL DATA

NAME WELL WELL NO. 1
ELEVATION DATUM
TYPE WELL Gravel-wall
SURFACE CASING CEMENTED Yes NO. SACKS 237+8%Gel
SIZE HOLE UNDERREAMED 26" DEPTH 1085'
GRAVEL TYPE #12,13,165 NO. CU. YDS. 70
TYPE SCREEN #131 S.S. W.W. GAGE .045"
DRILLER B.Patton RIG NO. 10
OTHER B.J. Glidewell

DEPTH	LENGTH	SIZE, KIND, WEIGHT MATERIAL
+18"		12-3/4" OD pipe above ground
0		Surface
32'	32'	18" OD 3/8" P.E. pipe 37.90#
700'		Top of 7" liner
800'	801'8"	12-3/4" O.D. surface casing
810'	110'	7" O.D. blank 23#
845'	35'	7" OD S.S. W.W. screen .045"ga.
860'	15'	7" O.D. blank 23#
870'	10'	7" OD S.S. W.W. screen .045"ga.
903'	33'	7" O.D. blank 23#
918'	15'	7"OD S.S. W.W. screen .045"ga.
935'	17'	7" O.D. blank 23#
945'	10'	7"OD S.S. W.W. screen .045" ga.
990'	45'	7" O.D. blank
1005'	15'	7" OD S.S. W.W. screen .045"ga.
1048'	43'	7" O.D. blank
1073'	25'	7" OD S.S. W.W. screen .045"ga.
1082'	9'	7" O.D. blank
1085'	3'	7" O.D. set nipple & B.P. valve

Total depth 1085 feet

SKETCH



MICROBIOLOGY SERVICE LABORATORIES

water technologists . . chemists . . microbiologists

27 January 1965

To: Layne Texas Company
P. O. Box 9098
Houston, Texas 77011

SO 2043-64

Sample marked: Well No. 1, Rice Hotel Laundry, 3000 Boyles, Houston, Harris Cty, Texas. Taken: 1-22-65 after 16 hrs. pumping at 457 gpm. Static Head: 304'. Pumping Level: 372'. Screened: 810-1073'.
E. W. Davis

Received: 1-25-65.

WATER ANALYSIS
results in parts per million (mg/1) except as noted

Dissolved Residue at 105°C		304	Conductance, micromhos/cm, 25°C		502
Total Dissolved Solids, actual†		440	Color, units		0
Total Dissolved Solids, calc.		437	Turbidity, units		0
Silica	SiO_2	14	As Calcium Carbonate, $CaCO_3$:		
Iron and Aluminum Oxides	R_2O_3	1	Phenolphthalein Alkalinity		0
Calcium	Ca	20	Total Alkalinity		219
Magnesium	Mg	4	Total Hardness		67
Sodium (diff.) Na + K as	Na	93	Free Carbon Dioxide	CO_2	8
Carbonate	CO_3	0	pH . . . 7.7		
Bicarbonate	HCO_3	267	**HYPOTHETICAL COMBINATIONS**		
Sulfate	SO_4	6	Calcium Bicarbonate		81
Chloride	Cl	32	Magnesium Bicarbonate		25
Total Iron	Fe	0.17	Sodium Bicarbonate		255
			Sodium Sulfate		8
			Sodium Chloride		55
			$SiO_2 + R_2O_3$		15
			Total Dissolved Solids, calc.		437

†Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO_3) ion

Microbiology Service Laboratories

By: Edna Wood

4789

65-14-820 Attach 65-14-8B

RI 7-7271 • P. O. BOX 14171 • 4820 OLD SPANISH TRAIL • HOUSTON, TEXAS 77021

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

January 12, 1965

Layne Texas Company, Inc.
P. O. Box 9469
Houston, Texas 77011

Re: Chas. G. Heyne & Company
New Rice Hotel Laundry
Houston Water Well No. 1
S. O. 2043-64

Gentlemen:

Below is a tabulation of depths and their corresponding drift angles which we have read and recorded from the Eastman Drift Indicator discs furnished us by your office:

Depth	Inclination	Depth	Inclination
103'	0°15'	409'	0°35'
210'	0°20'	499'	0°50'
305'	0°55'	700'	0°15'
399'	0°55'		

Enclosed are the discs used in compiling this report.

Yours very truly,

EASTMAN OIL WELL SURVEY COMPANY

W. C. Cooper

W. C. Cooper
Well-Bore Surveyor

WCC:mr

Enclosures

Attach 65-14-8B
65-14-8820

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

WATER WELL TEST

REPORT NO. 6935
S. O. 2043-64
PAGE 1 OF 1
FILE NO. 2968
DATE 1-25-65

CUSTOMER LOCATION

TEST FOR CHARLES G. HEYNE & COMPANY

LOCATION OF WELL NEW RICE HOTEL LAUNDRY, HOUSTON

SURVEY FIELD

COUNTY HARRIS STATE TEXAS

DESCRIPTION OF LAND MARKS

WELL DATA

NAME WELL WELL NO. 1

ELEVATION DATUM

WELL SIZE 18x12-3/4x 7" x

TOTAL DEPTH 1085' TOP SCREEN 810'

GRAVEL WELL YES STRAIGHT WELL

TYPE SCREEN S.S. W.W. GAGE .045"

TEMPERATURE OF WATER

WATER CONDITION

WATER MEASURING DEVICE

ORIFICE SIZE 6"x5" LENGTH

OTHER

TEST PUMP DATA

DEPTH SETTING TOP OF BOWL 400'

LENGTH AIR LINE 400' SIZE 1/4"

TYPE BOWL NO. STAGES 13

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. 304 FT. 20 MIN. 304 FT.
10 MIN. 304 FT. 25 MIN. 302 FT.
15 MIN. 304 FT. 30 MIN. 302 FT.

S.L. BEFORE START OF TEST 300 FT.

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH. PRESS.	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
1/22/65								
12:00 N				16½	503			
1:00 PM	60	340		16½	503			
2:00	55	345		16½	503			
3:00	55	345		16½	503			
4:00	54	346		16½	503			
5:00	54	346		16½	503			CUT TO 457 G.P.M.
6:00	58	342		13½	457			
7:00	58	342		13½	457			
8:00	58	342		13½	457			
9:00	58	342		13½	457			
10:00	58	342		13½	457			
11:00	58	342		13½	457			
12:00 N	58	342		13½	457		1/23/65	
1:00 AM	58	342		13½	457			
2:00	56	344		13½	457			
3:00	56	344		13½	457			
4:00	56	344		13½	457			
5:00	56	344		13½	457			
6:00	56	344		13½	457			
7:00	56	344		13½	457			
8:00	56	344		13½	457			
9:00	56	344		13½	457			
10:00	56	344		13½	457			
11:00	56	344		13½	457			
12:00 N	56	344		13½	457			

OBSERVERS

C. E. Cock, JR. FOR OWNER

E. W. DAVIS FOR LAYNE TEXAS CO.

Attach 5th

FORM NO. 25

65-54-820

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 174 **Distance from Property: 2.96 mi. SE**

WELL ID:	**2128**
OWNERS NAME:	**SPARKLE ICE COMPANY**
YEAR DRILLED:	**1960**
DEPTH DRILLED:	**425'**
STATIC LEVEL:	**255'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.314394000**
LATITUDE:	**29.738724000**
SOURCE:	**HGSD**

MAP ID# 175 **Distance from Property: 2.96 mi. NNE**

TRACK #: **173156**
DATE ENTERED: **2009-04-01**
OWNER NAME: **B. CHEATHAM**
OWNER ADDRESS: **1910 FAIRBANKS**
HOUSTON, TX 77026
COUNTY: **HARRIS**
LATITUDE: **29.810556000** LONGITUDE: **-95.341389000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=173156&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2004-12-09**
DRILLING DATE (COMPLETED): **2004-12-09**
DEPTH DRILLED: **60'**

WATER LEVEL:
STATIC LEVEL: **16'**
WATER LEVEL DATE: **2004-12-09**
TYPE OF WATER: **POTABLE**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **COASTAL WATERWELL SERVICE, INC.**
COMPANY ADDRESS: **P.O. BOX 745**
PORTER, TX 77365

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 176 **Distance from Property: 2.96 mi. W**

STATE ID:	**65-13-906**
OWNER'S NAME:	**HARRIS CREAM TOP DAIRY**
DATE DRILLED:	**00/00/1933**
DEPTH DRILLED:	**514'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.399820000**
LATITUDE:	**29.760190000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513906/6513906.pdf**

State ID: 65-13-906

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

Well Number - 6513906

Monday, October 11, 2004

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 177 **Distance from Property: 2.97 mi. N**

WELL ID:	**3215**
OWNERS NAME:	**TRUMIX CONCRETE COMPANY**
YEAR DRILLED:	**1971**
DEPTH DRILLED:	**478'**
STATIC LEVEL:	**456'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.349101000**
LATITUDE:	**29.811556000**
SOURCE:	**HGSD**

MAP ID# 177 **Distance from Property: 2.97 mi. N**

STATE ID:	**65-14-420**
OWNER'S NAME:	**NORTHSIDE READY MIX CONCRETE CO.**
DATE DRILLED:	**00/00/1971**
DEPTH DRILLED:	**478'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.349101000**
LATITUDE:	**29.811556000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514420/6514420.pdf**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 177 **Distance from Property: 2.97 mi. N**

ID NUMBER:	**TX212755**
STATE ID :	**N/A**
OWNER NAME:	**NORTH SIDE READY MIX CONCRETE**
DATE DRILLED:	**05/21/1971**
DEPTH DRILLED:	**478'**
STATIC LEVEL:	**252'**
WATER USAGE:	**MUNICIPAL**
LONGITUDE:	**-95.349101000**
LATITUDE:	**29.811556000**

2 PAGE(S) OF DRILLERS' LOGS

end original copy by
ertified mail to the
exas Water Development Board
. O. Box 12386
ustin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No.
Located on map
Received: 4-71

1) OWNER:
Person having well drilled North Side Ready Mix Concrete (Name) Address P.O. Box 16066 (Street or RFD) Houston (City) Texas (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 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 X Municipal
Irrigation Test Well Other

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

6) WELL LOG:
Diameter of hole 6 in. Depth drilled 478 ft. Depth of completed well 478 ft. Date drilled 5-21-71
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	~~96~~	Hard red caly surface
96	144	red & white clay
~~144~~	~~173~~	~~white caly~~
173	216	sand very shaley
216	240	white clay
~~240~~	~~250~~	~~sand~~
~~250~~	~~271~~	~~white shale~~
271	292	sand
292	312	sand light breaks
~~312~~	~~336~~	~~white clay~~
336	360	sand very broken
360	384	shale
384	396	sand
~~396~~	~~417~~	~~shale stickey~~
417	428	sand
428	432	sand lightly broken (continued)

(Use reverse side if necessary)

9) Casing:
Type: Old New X Steel X Plastic Other
Cemented from 0 ft. to 455 ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
6"	0	455	

10) SCREEN:
Type Rod Base stainless steel
Perforated Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2 4"blank	478	476	
4"screen	476	456	.012
4"blank	456	446	

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

8) WATER LEVEL:
Static level 252 ft. below land surface Date 5-21-71
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., 357 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 (Street or RFD) P.O. Box 8707 (City) Houston Texas (State) 77009

(Signed) R B Lowry (Water Well Driller) Lowry WaterWells (Company Name)

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

*Additional instructions on reverse side.

TWDBE-GW-53

GK

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

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.

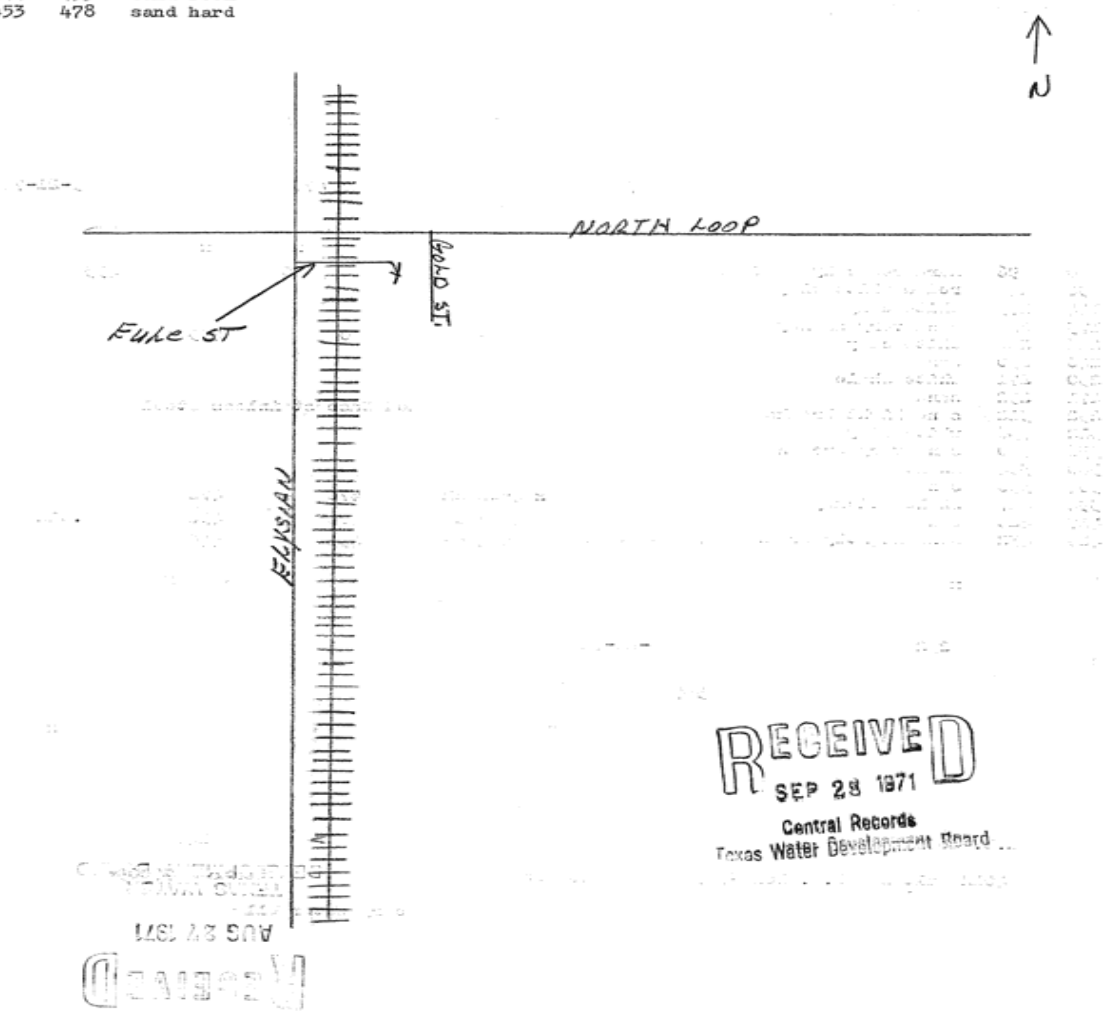
Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

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.

Well Log continued

432	444	sand
444	453	sand rock
453	478	sand hard



RECEIVED
SEP 28 1971
Central Records
Texas Water Development Board

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 177 **Distance from Property: 2.97 mi. N**

WELL ID:	**3214**
OWNERS NAME:	**TRUMIX CONCRETE COMPANY**
YEAR DRILLED:	**1972**
DEPTH DRILLED:	**NOT REPORTED**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.349101000**
LATITUDE:	**29.811556000**
SOURCE:	**HGSD**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 178 **Distance from Property: 3.04 mi. E**

WELL ID:	**1990**
OWNERS NAME:	**9W HALO OPCO L.P.**
YEAR DRILLED:	**1965**
DEPTH DRILLED:	**1085'**
STATIC LEVEL:	**810'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.300614000**
LATITUDE:	**29.761292000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 179 **Distance from Property: 3.05 mi. SW**

ID NUMBER:	**TX199514**
STATE ID :	**65-21-3G**
OWNER NAME:	**DWIGHT PHILLIPS**
DATE DRILLED:	**??/??/????**
DEPTH DRILLED:	**185'**
STATIC LEVEL:	**94'**
WATER USAGE:	**HOME**
LONGITUDE:	**-95.384426000**
LATITUDE:	**29.734238000**

1 PAGE(S) OF DRILLERS' LOGS

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. 65-21-36
Located on map
By
Date
Map no. 102-(A)

1) Well Owner: Dwight Phillips (Street or RFD) Bellaire (City) Tex (State)

2) Land Owner: Same (Street or RFD) (State)

3) Intended use: Industrial ☐ ;Municipal ☐ ;Irrigation ☐ ;Other Home

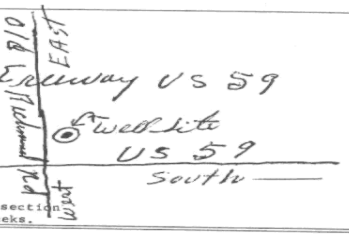
4) Location of well: County Harris Labor League Abstract No.

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

miles in (NE, SW, etc) direction

from (Town)

1 Block East of south west Freeway US 59 on old Richmond Rd.



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: Diameter of hole in. Date drilled

All measurements made from ft. above ground level.

From (ft)	To (ft)	Description and color of formation material
0	40	Surface clay
40	44	Red Sand (fine)
44	90	Red clay
90	115	Sand Streaks + clay
115	160	clay
160	185	Sand coarse

From (ft)	To (ft)	Description and color of formation material

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION

Straight wall ☐
Under reamed ☐
Gravel packed ☐
Open hole ☐
Other 4 X 2½" lead Seal well.

CASING

Type: Old ☐ New ☑
Cemented from ft.
to ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
4	0-168	

SCREEN

Type 14 Ga W.W.P. SS Tbd
Perforated ☐ Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (ft)
2½	160-185	
Screen	175-185	

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

Driller Turbine Pump Service (Street) (City) (State) Reg. No. 213

Please attach electric log, chemical analysis, and other pertinent information if available. 9610 N. Stuebner

If well was tested by your company or if you installed the permanent pump please complete the following: Same Def

WATER LEVEL AND PUMP DATA

Static water level 94 ft ft. below

Pumping level feet	hours	gpm

Pump type 1 HP Submersible
Designed pumping rate 800 GPH at 30 lbs. gpm ☐ gph ☐
Type power unit Electric
Horsepower ¾ HP
Depth to bowls, cylinder, jet, etc., 140 ft ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company: Turbine Pump Service

C-34 (62-4)

2

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 180 **Distance from Property: 3.06 mi. WNW**

ID NUMBER:	**TX199633**
STATE ID :	**65-13-9**
OWNER NAME:	**11TH STREET WASHATERIA**
DATE DRILLED:	**11/07/1988**
DEPTH DRILLED:	**441'**
STATIC LEVEL:	**260'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.395603000**
LATITUDE:	**29.790442000**

2 PAGE(S) OF DRILLERS' LOGS

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: on 65-13-8

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.

RECEIVED SEP 20 1989 TEXAS WATER COMMISSIO

11) WATER LEVEL:
STATIC LEVEL : 260 FT. DATE: 11709788
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: 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

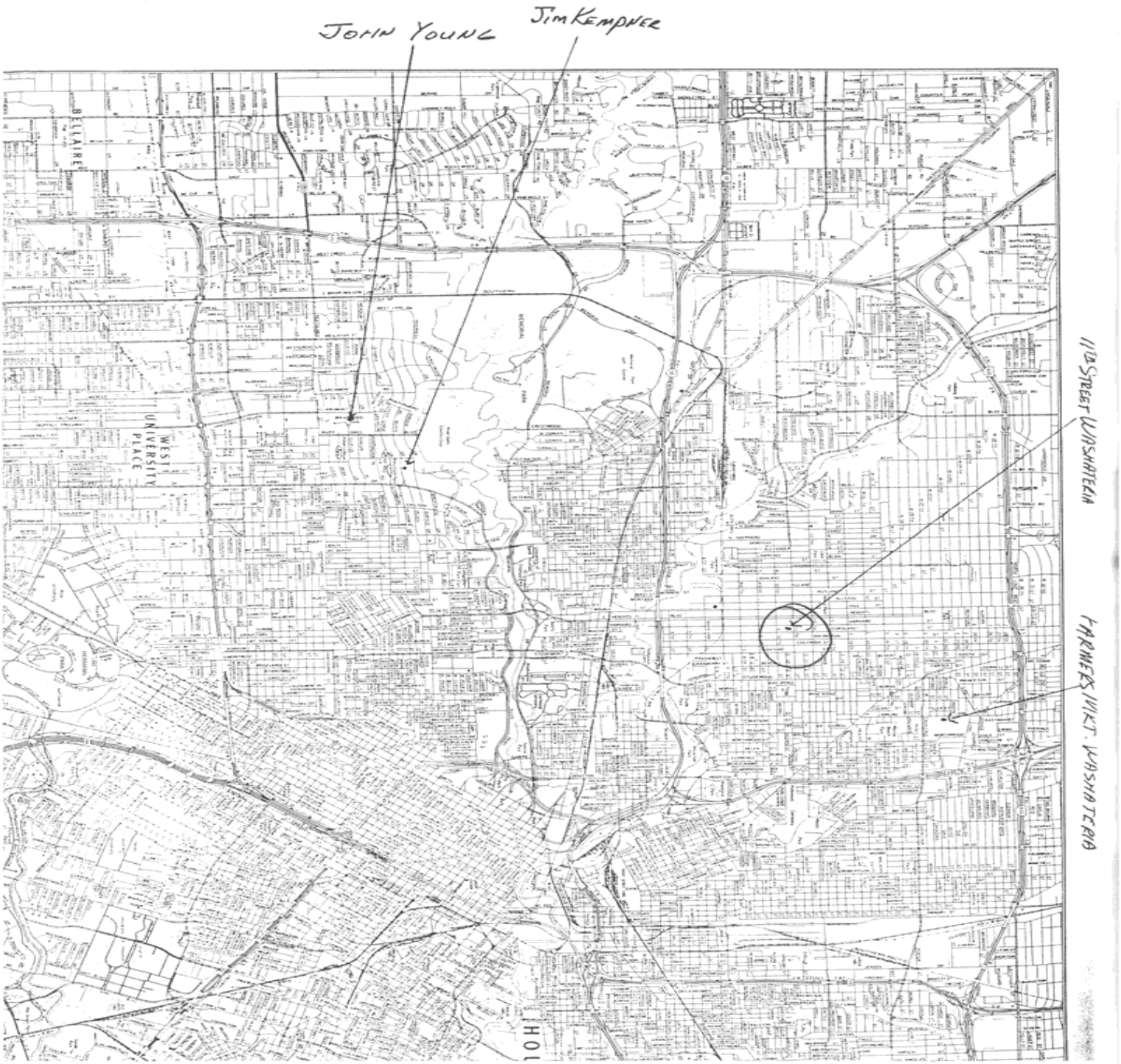
FOR TDWR USE ONLY
WELL NO. 65-13-9
LOCATED ON MAP

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. Pyburn (LICENSED WATER WELL DRILLER)

(signed) _____ (REGISTERED DRILLER TRAINEE)

CWB


JOHN YOUNG
JIM KEMPNER
BELLAIRE
WEST UNIVERSITY PLACE
11TH STREET WASHATERIA
FARMERS MKT. WASHATERIA
10H

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 180 **Distance from Property: 3.06 mi. WNW**

WELL ID:	**7591**
OWNERS NAME:	**DO, HUNG DANG**
YEAR DRILLED:	**1992**
DEPTH DRILLED:	**300'**
STATIC LEVEL:	**280'**
WATER USAGE:	**OTHER**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.395575000**
LATITUDE:	**29.790440000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 181 **Distance from Property: 3.07 mi. NW**

ID NUMBER:	**TX206390**
STATE ID :	**65-13-2Q**
OWNER NAME:	**SHIPLEY**
DATE DRILLED:	**03/24/1983**
DEPTH DRILLED:	**370'**
STATIC LEVEL:	**160'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.385695000**
LATITUDE:	**29.801278000**

2 PAGE(S) OF DRILLERS' LOGS

Water Well ID: 206390

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:

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 1/2"	Surface	370'

Date drilled 3-24-83

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

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	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

RECEIVED
SEP 12 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., _____ 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

I hereby certify that this well was drilled by 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) _____ (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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 182 **Distance from Property: 3.07 mi. NNW**

STATE ID:	**65-14-412**
OWNER'S NAME:	**CITY OF HOUSTON LINDALE PARK**
DATE DRILLED:	**00/00/1946**
DEPTH DRILLED:	**800'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.370060000**
LATITUDE:	**29.809840000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514412/6514412.pdf**

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

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 183 **Distance from Property: 3.10 mi. SE**

STATE ID:	**65-22-222**
OWNER'S NAME:	**TEXAS ICE AND FUEL CO.**
DATE DRILLED:	**00/00/1922**
DEPTH DRILLED:	**870'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.311130000**
LATITUDE:	**29.738880000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522222/6522222.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 222 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 44 19 Longitude - 95 18 38 Source of Coords - 2

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

Owner - Texas Ice and Fuel Co. Driller - Taylor & Roberts

Address _____ Tenant/Oper. _____
Date Drilled - / /1922 Depth - 870 ft. Source of Depth - D Altitude - 41 ft. Source of Alt. - M
Aquifer - 112CEVG CHICOT AND EVANGELINE AQUIFERS 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- 01/16/1931 Measurement- -60.90
Date- / / Measurement-
Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CEVG
Well No. - 65 22 222

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 183 **Distance from Property: 3.10 mi. SE**

STATE ID:	**65-22-225**
OWNER'S NAME:	**TEXAS ICE AND FUEL CO**
DATE DRILLED:	**00/00/1960**
DEPTH DRILLED:	**425'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.311123000**
LATITUDE:	**29.738880000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522225/6522225.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 225 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 44 21 Longitude - 95 18 42 Source of Coords - 2

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

Owner - Texas Ice and Fuel Co Driller - Layne Texas

Address _____ Tenant/Oper. _____
Date Drilled - / /1960 Depth - 425 ft. Source of Depth - Altitude - 41 ft. Source of Alt. -
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER Well Type - W User -

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

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 - 30

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- 04/13/1960 Measurement- -140.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -
REMARKS -
80 ft of screen between 255 and
410 ft. Reported yield 402 gpm
with 38 ft drawdown when drilled.

| 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 22 225

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 184 **Distance from Property: 3.11 mi. W**

ID NUMBER:	**TX187799**
STATE ID :	**65-13-9**
OWNER NAME:	**DAVIS BROTHERS CONSTRUCTION**
DATE DRILLED:	**05/13/1996**
DEPTH DRILLED:	**480'**
STATIC LEVEL:	**226'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.402004000**
LATITUDE:	**29.758829000**

1 PAGE(S) OF DRILLERS' LOGS

TTENTION OWNER: Confidentiality rivilege Notice on Reverse Side — STATE OF TEXAS WATER WELL REPORT

) OWNER: DAVIS BROTHERS CONSTRUCT. ADDRESS: 2200 LOUETTA RD. CITY: HOUSTON STATE: TX ZIP: 77388-4705

) ADDRESS OF WELL:
County: HARRIS STATE WELL# 5459
Street or RFD: RINCON APARTMENTS ALLEN PARKWAY
City, State, Zip code: HOUSTON , TX 77019-

5)

) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION
If Public Supply well, were plans submitted to the TNRCC?

) WELL LOG: 00040

ATE 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.

65-13-9 N

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

EOLOGICAL DESCRIPTION:

ROM	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

JUL 1 1996

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

3) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 320

14) WELL TEST:
JETTED
YIELD: 100+ GPM WITH FT DRAWDOWN AFTER HRS

5) WATER QUALITY:
TYPE OF WATER: EXCELLENT DEPTH OF STRATA: 25' OF SAND NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

OMPANY NAME: GEOPHYSICAL DRILLING,INC. WATER WELL DRILLER'S LICENSE NO.: 4898WPK
DDRESS: P.O. BOX 664 CITY: FULSHEAR STATE: TX ZIP CODE: 77441

FOR TWC USE ONLY
WELL NO. _____
LOCATED ON MAP _____

HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN RE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE OG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Jimmy D. Briney (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 184 **Distance from Property: 3.11 mi. W**

WELL ID:	**5459**
OWNERS NAME:	**VILLAS AT RIVER OAKS**
YEAR DRILLED:	**1996**
DEPTH DRILLED:	**430'**
STATIC LEVEL:	**410'**
WATER USAGE:	**OTHER**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.402004000**
LATITUDE:	**29.758829000**
SOURCE:	**HGSD**

WATER UTILITY DATABASE (WUD)

MAP ID# 185 **Distance from Property: 3.13 mi. NNE**

PWSID:	**1010013**
SOURCE ID:	**G1010013AJ**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**05/00/1949**
SCREEN BOTTOM:	**1,960.00'**
SCREEN TOP:	**1,060.00'**
GALLONS PER MINUTE:	**1,900**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.336196900**
LATITUDE:	**29.812007900**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 185 **Distance from Property: 3.13 mi. NNE**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294844095200901**
STATION NAME: **LJ-65-14-404**
SITE TYPE: **GW**
LATITUDE: **29.812050000** LONGITUDE: **-95.336120000**
DATE DRILLED: **01/01/1949**
WELL DEPTH: **1980 feet**
HOLE DEPTH: **2502 feet**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 185 **Distance from Property: 3.13 mi. NNE**

STATE ID:	**65-14-404**
OWNER'S NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1949**
DEPTH DRILLED:	**1980'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.336120000**
LATITUDE:	**29.812050000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514404/6514404.pdf**

WRD Exp. (GW)
April 1966

Well No. LJ-65-14-404

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD (T. Brown) R.K.G. (7-11-68)

Record by R.B.A. (3-10-61) Source of data FILES Date 2-20-68 Map 1:24000 Settegast 1955

State Texas 48 County (or town) Harris LJ

Latitude: 29 48 44 N Longitude: 095 20 09 Sequential number: 1

Lat-long accuracy: 1 T. S. R W. Sec

Local well number: LJ-65-14-404 Other number: Northeast #5 B & M

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) 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) 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.: 1950 — — Annual A Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 6-22-49 T Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: E-Log U-22 0-2502 E

WELL-DESCRIPTION CARD — DRILLED TO 2502'; PLUGGED BACK TO 1980'

SAME AS ON MASTER CARD Depth well: 1980 ft 1980 Meas. (opt) Driller accuracy 3

Depth cased; (first perf.) 1060 ft 1060 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., screen, sd. pt., (S) shored, (T) 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: 1949 5 4 9 Pump intake setting: ft

Driller: TEXAS WATER WELLS, INC. (name) HOUSTON, TEXAS (address)

Lift (type): (A) air, (B) bucket, cent, (C) cent, jet, (J) multiple, (L) multiple, (cent.) multiple, (M) (turb.) 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 ft above/below LSD. Alt. MP 50'

Alt. LSD: 50' 50 Accuracy (source): Topo 5' 3

Water Level 187.09 ft above/below MP; Ft above/below LSD Accuracy: MEAS. A

Date meas: 1-5-51 1 5 1 Yield: 2180 gpm 2 1 8 0 Method determined

Drawdown: 38 ft 3 8 Accuracy: USGS type Pumping period 22? 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.

PL 224.70
187.09
37.61

Well No. LJ-65-14-404

Well No. LT-65-14-404

Latitude-longitude 29 48 44 N 095 20 05

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD | Physiographic Province: COASTAL PLAINS 03 | Section:

F | Drainage Basin: 5 1 R | Subbasin:

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

MAJOR AQUIFER: system . series T aquifer, formation, group E ✓

Lithology: | Origin: | Aquifer Thickness: ft

Length of well open to: 400 ft | Depth to top of: 400 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: 1060-1130, 1160-1230, 1280-1290, 1350-1530, 1480-1530, 1650-1670

Depth to consolidated rock: ft | Source of data:

Depth to basement: ft | Source of data:

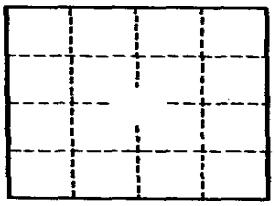
Surficial material: | Infiltration characteristics:

Coefficient Trans: ← gpd/ft | Coefficient Storage:

Coefficient Perm: ✓ gpd/ft^2; Spec cap: ✓ gpm/ft; Number of geologic cards:

CASINGS:
625' OF 24"
1456' OF 12 3/4"
12 3/4" - 524 to 1480'

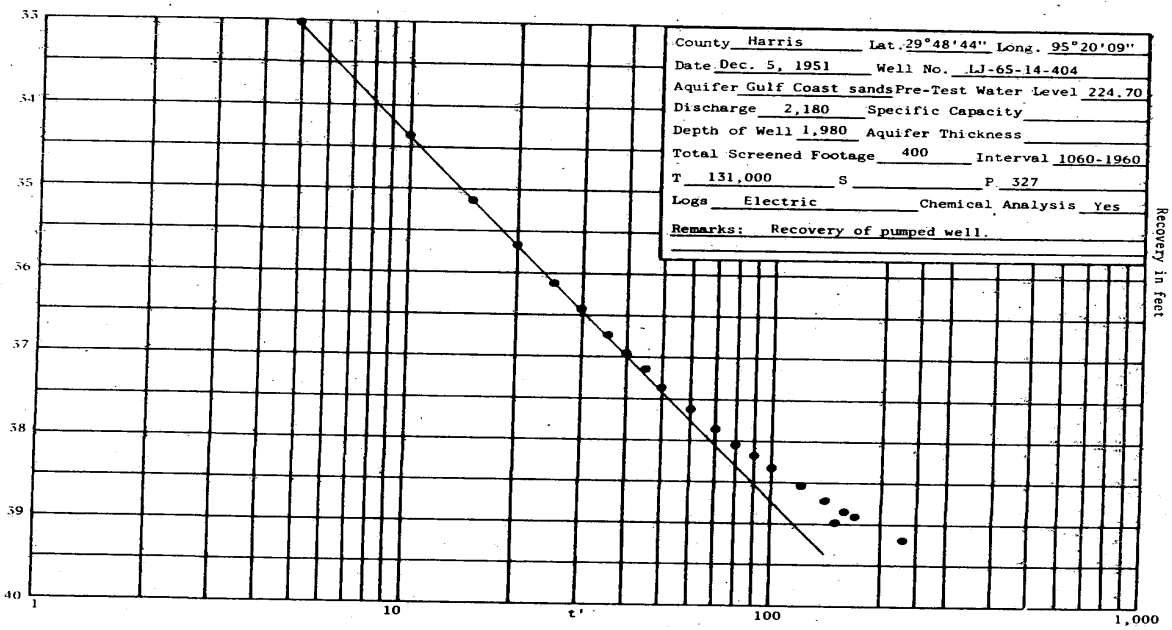
SCREENS:
1720-1740 20
1760-1790 30
1800-1850 50
1910-1920 10
1930-1960 30



Well No. LT-65-14-404

GPO 857-700

State ID: 65-14-404



MAP ID# 186 **Distance from Property: 3.14 mi. SE**

STATE ID:	**65-22-229**
OWNER'S NAME:	**SCHUMACHER CO.**
DATE DRILLED:	**06/25/1969**
DEPTH DRILLED:	**342'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.316860000**
LATITUDE:	**29.733010000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522229/6522229.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 229 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 43 55 Longitude - 95 18 57 Source of Coords - 2

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

Owner - Schumacher Co. Driller - Davis Bros Water Well Drilling Co.

Address _____ Tenant/Oper. _____
Date Drilled - 06/25/1969 Depth - 342 ft. Source of Depth - D Altitude - 38 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
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 - 30

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 - 112CHCTL
Well No. - 65 22 229

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 186 **Distance from Property: 3.14 mi. SE**

WELL ID:	**2006**
OWNERS NAME:	**SCHUMACHER COMPANY, INC.**
YEAR DRILLED:	**1969**
DEPTH DRILLED:	**342'**
STATIC LEVEL:	**265'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.316859000**
LATITUDE:	**29.733014000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 187 **Distance from Property: 3.17 mi. ESE**

STATE ID:	**65-22-215**
OWNER'S NAME:	**MARSHALL ICE CO.**
DATE DRILLED:	**00/00/1928**
DEPTH DRILLED:	**508'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.304586000**
LATITUDE:	**29.745209000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522215/6522215.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 215 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 44 40 Longitude - 95 18 14 Source of Coords - 2

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

Owner - Marshall Ice Co. Driller - McMasters & Pomeroy

Address _____ Tenant/Oper. _____
Date Drilled - / /1928 Depth - 508 ft. Source of Depth - D Altitude - 42 ft. Source of Alt. - M
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER Well Type - W User -

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- / /

| 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		

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CHCTL
Well No. - 65 22 215

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 188 **Distance from Property: 3.19 mi. N**

ID NUMBER:	**TX199438**
STATE ID :	**65-14-4**
OWNER NAME:	**AM PUMP & WELL**
DATE DRILLED:	**03/06/1989**
DEPTH DRILLED:	**42'**
STATIC LEVEL:	**18'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.347365000**
LATITUDE:	**29.814550000**

2 PAGE(S) OF DRILLERS' LOGS

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 Ams Pump & Well (Name) Address 911 Keller (Street or RFD) Hou. Tx (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 10 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. 0165-08-8

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 3-5 19 89 Completed 3-6 19 89

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
0	Surface	42

From (ft.)	To (ft.)	Description and color of formation material
0	3	Surface Sand.
3	38	Clay.
38	42	Sand.

7) BOREHOLE COMPLETION:
☐ Open Hole ☑ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other ____
If Gravel Packed give interval . . . from 25 ft. to 42 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
2	N	PVC	0	32	40
2	N	PVC Slotted	32	42	017

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 1.5 ft. No. of Sacks Used 5
ft. to ____ ft. No. of Sacks Used ____
Method used Hand
Cemented by Crew.

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 3/6/89
Artesian flow ____ gpm. Date ____

12) PACKERS: Type ____ Depth ____

13) TYPE PUMP: Acid-proof set.
☐ 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
APR 27 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 4
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 Well (Type or Print) Water Well Driller's License No. 812
ADDRESS P.O. Box 745 (Street or RFD) Porter, Tx. (City) 77365 (State) (Zip)
(Signed) W.C. Gehrels (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. 65-14-4
Located on map ____

WWD-012 (Rev.01-28-87) TEXAS WATER COMMISSION COPY

D
E
H
J
M
N
O
S
V
W
X
Y
HARRIS COUNTY
TEXAS
1979

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 189 **Distance from Property: 3.19 mi. ENE**

ID NUMBER:	**TX211693**
STATE ID :	**65-05-1C**
OWNER NAME:	**RAYMOND M TURNER**
DATE DRILLED:	**07/15/1981**
DEPTH DRILLED:	**250'**
STATIC LEVEL:	**128'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.306918000**
LATITUDE:	**29.794754000**

2 PAGE(S) OF DRILLERS' LOGS

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. 65-05-1C
Located on map 4C5
Received: 6-5-81

1) OWNER RAYMOND M. TURNER (Name) Address 3623 MILROY LANE (Street or RFD) HOUSTON (City) TEXAS (State) (Zip)

2) LOCATION OF WELL County HARRIS 12.5 miles in N E (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 7-15-81

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	240
3 7/8	240	250

From (ft.)	To (ft.)	Description and color of formation material
0	5	TOP SOIL
5	45	RED SHALE
45	95	SAND
95	109	RED SHALE
109	135	SAND & GRAVEL
135	165	RED SHALE
165	175	SAND & GRAVEL
175	155	RED SHALE
155	190	ROCK
190	207	RED SHALE
207	229	ROCK
229	239	BLUE SHALE
239	250	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	235	SCH 40
3	N	"	235	240	SCH 40
3	N	" SCREEN	240	250	30

CEMENTING DATA
Cemented from 0 ft. to 235 ft.
Method used PRESSURE
Cemented by SUGG-WATERWELL DRILLING (Company or Individual)

9) WATER LEVEL:
Static level 125 ft. below land surface Date 7-16-81
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., 210 ft.

12) WELL TESTS: ☐ Type Test: ☑ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 12.0 gpm with 25 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 JAMES H. SUGG JR. (Type or Print) Water Well Drillers Registration No. 1006

ADDRESS 1350 CHRISMAN #26 (Street or RFD) HOUSTON (City) TEXAS (State) 77039 (Zip)

(Signed) JAMES H. SUGG JR. (Water Well Driller) SUGG-WATERWELL 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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TURNER
HOUSTON
HARRIS COUNTY
TEXAS
RECEIVED
MAR 30 1982
DEPT. OF
WATER RESOURCES

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 190 **Distance from Property: 3.19 mi. E**

ID NUMBER:	**TX205299**
STATE ID :	**65-14-8A**
OWNER NAME:	**JOHN H. HARRISON**
DATE DRILLED:	**01/07/1963**
DEPTH DRILLED:	**120'**
STATIC LEVEL:	**86'**
WATER USAGE:	**HOME**
LONGITUDE:	**-95.297439000**
LATITUDE:	**29.769256000**

1 PAGE(S) OF DRILLERS' LOGS

65:19-8A

File original copy with Texas Water Commission P. O. Box 2311, Capitol Station Austin 11, Texas.

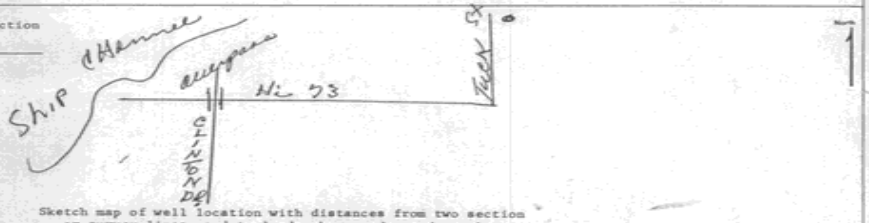
State of Texas

DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 65-19-8A
Located on map Yes
By (V) Date 63
Map No. 112(2)

1) Well Owner: John H. Harrison (Name) 7201 (Street or RFD) Truck (City) Street-Houston (State)
2) Land Owner: (Name) (Street or RFD) (City) (State)
3) Intended use: Industrial ☐ Municipal ☐ Irrigation ☐ Other ☒ Home
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)



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 Jan 7, 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
0	10	Surface			
10	25	Red Clay			
25	30	Red Sand			
30	65	Brown Clay			
65	68	Red Sand			
68	80	Red Clay			
80	100	Blue Clay & Shell			
100	120	Sand, fine			

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION
Straight wall ☒
Under reamed ☐
Gravel packed ☐
Open hole ☐
Other

CASING
Type: Old ☐ New ☒
Cemented from ft.
to ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
2"	0	114

SCREEN
Type Banlug Stainless
Perforated ☒ Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (ft)
2	114	120

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

W.M. Smith (Signature) A & L Well Service (Company Name) Reg. No. 241c

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 36'
ft. below

Pumping level feet	hours	gpm

Pump type Jet
Designed pumping rate 280 gpm ☐ gph ☒
Type power unit Electric
Horsepower 3/4
Depth to bowls, cylinder, jet, etc., 105' ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company:

C-34 (62-4)

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 190 **Distance from Property: 3.19 mi. E**

STATE ID:	**65-14-819**
OWNER'S NAME:	**JOHN H. HARRISON**
DATE DRILLED:	**00/00/1963**
DEPTH DRILLED:	**120'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.297440000**
LATITUDE:	**29.769270000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514819/6514819.pdf**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 191 **Distance from Property: 3.23 mi. NW**

ID NUMBER:	**TX205355**
STATE ID :	**65-13-6**
OWNER NAME:	**FARMERS MARKET WASHATERIA**
DATE DRILLED:	**10/12/1988**
DEPTH DRILLED:	**422'**
STATIC LEVEL:	**260'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.381438000**
LATITUDE:	**29.807276000**

2 PAGE(S) OF DRILLERS' LOGS

STATE OF TEXAS WATER WELL REPORT

1) OWNER: FARMERS MARKET WASHATERIA ADDRS. 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

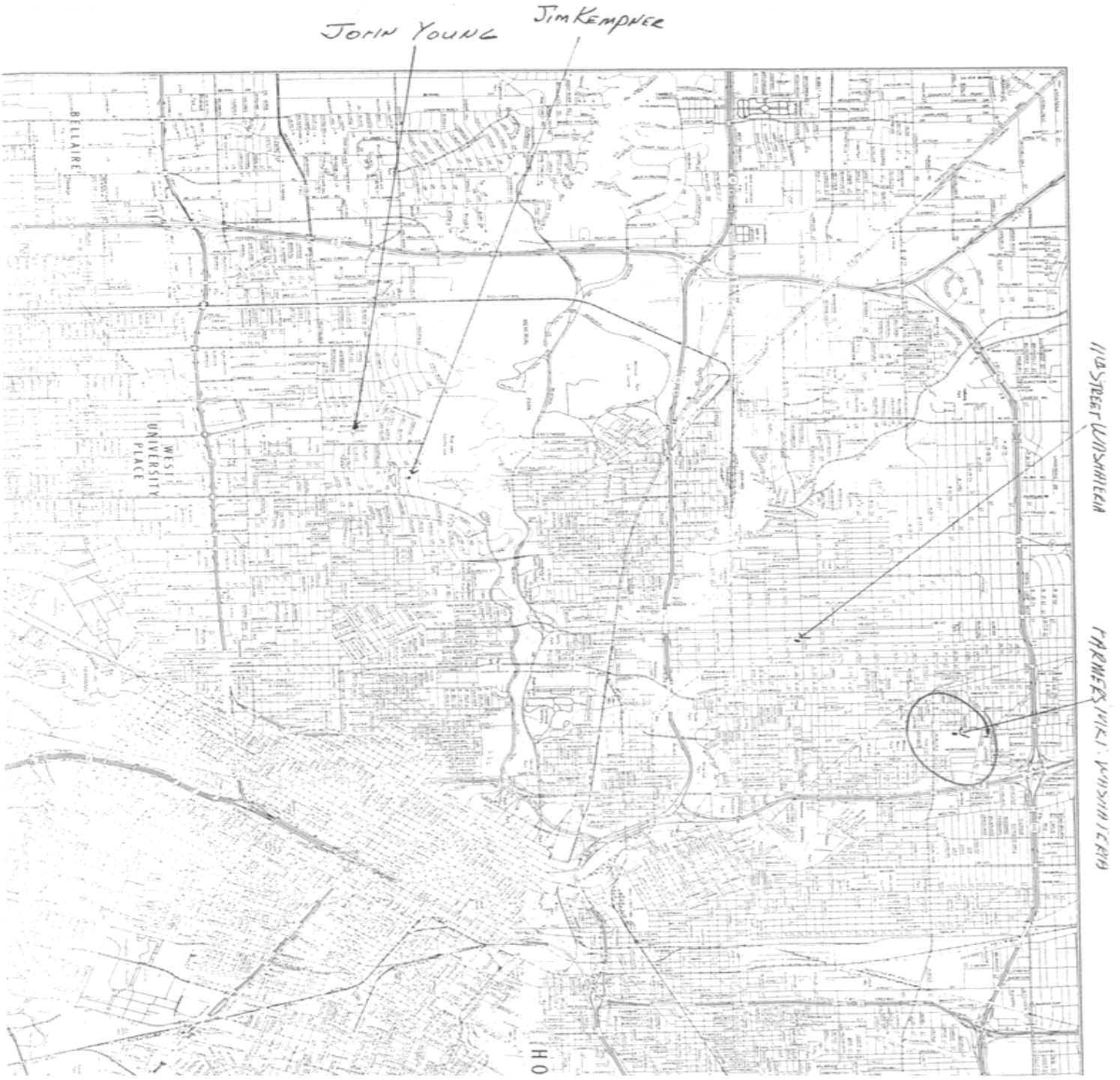
COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

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. Lybarger (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

CWB


JOHN YOUNG
JIM KEMPNER
BELLAIRE
WEST UNIVERSITY PLACE
HO

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 191 **Distance from Property: 3.23 mi. NW**

WELL ID:	**7590**
OWNERS NAME:	
YEAR DRILLED:	**1992**
DEPTH DRILLED:	**320'**
STATIC LEVEL:	**300'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.381438000**
LATITUDE:	**29.807276000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 192 **Distance from Property: 3.24 mi. SW**

STATE ID:	**65-21-305**
OWNER'S NAME:	**DR. ALLALY**
DATE DRILLED:	**00/00/1951**
DEPTH DRILLED:	**279'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.384628000**
LATITUDE:	**29.730874000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521305/6521305.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6521305 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294349 **Longitude** 952304 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Dr. Allaly

Driller
H. L. Jackson Co.

Address _____ **Tenant/Oper.** _____

Date Drilled / /1951 **Depth** 279 **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 -** 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
1951
-105

Recorded By _____ **Date Record Collected or Updated -** 02/20/2003

Reporting Agency 01

REMARKS -
TWDB Report 178

Aquifer - 112CHCTL **ID -** 15
CHICOT
AQUIFER,LOWER

Monday, March 27, 2006

Well Number - 6521305

MAP ID# 193 **Distance from Property: 3.25 mi. E**

TRACK #: **353580**
DATE ENTERED: **2014-02-06**
OWNER NAME: **ROBERT SERNA**
OWNER ADDRESS: **111 FAWN LINE**
SHEPHERD, TX 77372
COUNTY: **HARRIS**
LATITUDE: **29.769167000** LONGITUDE: **-95.296389000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=353580&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2013-07-16**
DRILLING DATE (COMPLETED): **2013-07-18**
DEPTH DRILLED: **246'**

WATER LEVEL:
STATIC LEVEL: **1'**
WATER LEVEL DATE: **2013-07-18**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **PATRICK DRILLING**
COMPANY ADDRESS: **914 WASHINGTON**
CLEVELAND, TX 77327

MAP ID# 194 **Distance from Property: 3.26 mi. WNW**

STATE ID:	**65-13-912**
OWNER'S NAME:	**HOUSTON COTTON OIL CO.**
DATE DRILLED:	**00/00/1893**
DEPTH DRILLED:	**540'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.403720000**
LATITUDE:	**29.780430000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513912/6513912.pdf**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 195 **Distance from Property: 3.27 mi. ENE**

ID NUMBER:	**TX222253**
STATE ID :	**65-06-8D**
OWNER NAME:	**CORBETT FABRICATING**
DATE DRILLED:	**03/04/1966**
DEPTH DRILLED:	**344'**
STATIC LEVEL:	**152'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.305530000**
LATITUDE:	**29.795240000**

1 PAGE(S) OF DRILLERS' LOGS

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 65-06-804
Located on map 455
Received: 6-6
Form GW 8
Form GW 9

1) OWNER:
Person having well drilled Corbett Fabricating Co., (Name) Address 4009 Homestead, (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. Survey
(Circle as many as are known)

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

NORTH

LOCATION OF WELL: 3838 Majestic St. Houston, Texas
N-P-14

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 344 ft. Depth of completed well 344 ft. Date drilled 3/4/66
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	52	Yellow Clay
52	58	Sand - Fine
58	96	Red Clay
96	120	Sand
120	149	Sandy Blue Clay
149	161	Sand
161	180	Broken Sandy Shale
180	204	Sand - Hard
204	216	Shale - Sandy
216	275	Yellow Clay
275	335	Sand
335	344	Shale, Sandy

(Use reverse side if necessary)

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

8) WATER LEVEL:
Static level 152 ft. below land surface Date
Artesian pressure lbs. per square inch Date

9) CASING:
Type: old ☐ New ☒ Steel ☐ Plastic ☐ Other ☐
Cemented from 0 ft. to 315 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4"	0	315	9½Lb Std

10) SCREEN:
Type LOP, Stainless
Perforated ☐ Slotted ☐

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size
2½	316	336	.012 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 Red Jacket Pump Co.,
Type Submersible H.P. 5 HP
Designed pumping rate 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 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.

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 195 **Distance from Property: 3.27 mi. ENE**

STATE ID:	**65-14-517**
OWNER'S NAME:	**CORBETT FABRICATING CO**
DATE DRILLED:	**03/04/1966**
DEPTH DRILLED:	**344'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.305530000**
LATITUDE:	**29.795240000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514517/6514517.pdf**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 196 **Distance from Property: 3.32 mi. SE**

ID NUMBER:	**TX181650**
STATE ID :	**N/A**
OWNER NAME:	**DELUXE CLEANERS**
DATE DRILLED:	**01/15/1963**
DEPTH DRILLED:	**188'**
STATIC LEVEL:	**113'**
WATER USAGE:	**WASHATERIA**
LONGITUDE:	**-95.320742000**
LATITUDE:	**29.727250000**

1 PAGE(S) OF DRILLERS' LOGS

Page # 1 out of 1

Water Well ID: 181650

MAR 26 1963

TEXAS WATER
AUSTIN, TEXAS

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: DeLuxe Cleaners (Street or RFD) 5420 Lawndale St. (City) Houston, (State) Texas

2) Land Owner: Same (Street or RFD) (City) (State)

3) Intended use: Industrial ☐ ;Municipal ☐ ;Irrigation ☐ ;Other Washateria

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)

1

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 1/15/63

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	48	White Clay			
48	120	Red Clay Broken			
120	156	Soft Blue Clay - Sandy			
156	186	Sand - Good - Top broken			
186	188	Tough Gumbo			
					(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION

Straight wall ☒
Under reamed ☐
Gravel packed ☐
Open hole ☐
Other

CASING

Type: Old ☐ New ☒
Cemented from 169 ft.
to Surface ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
4"	0	169'

SCREEN

Type LOP Stainless
Perforated ☐ Slotted ☒

Diameter (inches)	Setting from (ft)	Setting to (ft)
2½" .012 Ga.	172'	182'

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

Driller Lowry Water Wells, Houston, Tex (State) Reg. No. 116
4012 Fulton St.

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:

113'
Static water level
ft. below

Pumping level

feet	hours	gpm

WATER LEVEL AND PUMP DATA

Pump type Jacuzzi Submersible
Designed pumping rate gpm ☐ gph ☐
Type power unit 1 H.P. Electric
Horsepower 1. H. P.
Depth to bowls, cylinder, jet, etc., 157' ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company:

C-34 (62-4)

181650

MAP ID# 197 **Distance from Property: 3.33 mi. W**

ID NUMBER:	**TX187797**
STATE ID :	**65-13-9J**
OWNER NAME:	**H.L.& P**
DATE DRILLED:	**10/26/1983**
DEPTH DRILLED:	**570'**
STATIC LEVEL:	**230'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.406101000**
LATITUDE:	**29.760595000**

2 PAGE(S) OF DRILLERS' LOGS

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 0 miles in NW (NE., SW., 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

3) WELL LOG:

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	510

Date drilled 10-26-83

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	493	CLAY
493	510	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	470	W/W
2 1/2	N	PVC	460	490	80
3 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)

12

RECEIVED
AUG 16 1984
DEPT. OF WATER RESOURCES

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

(Use reverse side if 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.

COMPANY NAME O'DAY DRILLING CO, INC. (Type or Print) Water Well Driller's License No. 186

ADDRESS P O BOX 162 (Street or RFD) PEARLAND, (City) TX (State) 77588 (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. 65-13-9BT
Located on map 42 OMM

TWR-0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY

HOUSTON
HARRIS COUNTY
TEXAS
25
17
11
12
8
34
16
2
23
1
5
14
19
13
10
20
24
26

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 197 **Distance from Property: 3.33 mi. W**

ID NUMBER:	**TX187796**
STATE ID :	**65-13-9H**
OWNER NAME:	**H.L.& P**
DATE DRILLED:	**11/02/1983**
DEPTH DRILLED:	**506'**
STATIC LEVEL:	**230'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.406094000**
LATITUDE:	**29.760599000**

1 PAGE(S) OF DRILLERS' LOGS

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 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 _____

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

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

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	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., 213 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)

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

For TDWR use only
Well No. 65-13-9H
Located on map 460MM

TDWR-0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 198 **Distance from Property: 3.34 mi. ENE**

STATE ID:	**65-14-508**
OWNER'S NAME:	**GENERAL METALS CORP.**
DATE DRILLED:	**00/00/1938**
DEPTH DRILLED:	**912'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.303450000**
LATITUDE:	**29.794210000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514508/6514508.pdf**

MAP ID# 198 **Distance from Property: 3.34 mi. ENE**

STATE ID:	**65-14-505**
OWNER'S NAME:	**GENERAL METALS CORP.**
DATE DRILLED:	**00/00/1943**
DEPTH DRILLED:	**217'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.303450000**
LATITUDE:	**29.794230000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514505/6514505.pdf**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 199 **Distance from Property: 3.34 mi. W**

ID NUMBER:	**TX198372**
STATE ID :	**65-13-9**
OWNER NAME:	**BRH GARVER**
DATE DRILLED:	**04/07/1995**
DEPTH DRILLED:	**50'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.406906000**
LATITUDE:	**29.770264000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified mail to: TNRCC, P.O. Box ', 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 BRAD GARVER (Name) ADDRESS 5402 LAWNDALE (Street or RFD) HOUSTON (City) TX (State) (Zip)

2) ADDRESS OF WELL: County HARRIS WASHINGTON AVE & FOWLER RD. (Street or RFD) HOUSTON (City) (State) (Zip) STATE WELL # 65-13-9

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) X N

6) WELL LOG:
Date Drilling: Started 4-7 19 95 Completed 4-7 19 95

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
15 1/4	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
0	17	TOP Soil & Clay
17	23	SAND & Clay STRKS
23	50	Clay

8) Borehole Completion (Check): ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☑ Gravel Packed ☐ Other
If Gravel Packed give interval ... from 15 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
10	N	PVC	0	35	
10	N	PVC SCREENS	35	50	.020

(Use reverse side if necessary)

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 15 ft. No. of sacks used 8
ft. to ft. No. of sacks used
Method used TRIMMIE
Cemented by BUSSELL & SON INC
Distance to septic system field lines ft.
Method of verification of above distance

RECEIVED JUN 26 1995 TEXAS NATURAL RESOURCE CONSERVATION

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 4-7-95
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 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 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) (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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 200 **Distance from Property: 3.35 mi. SSE**

STATE ID:	**65-22-132**
OWNER'S NAME:	**BLUE RIBBON PACKING CO**
DATE DRILLED:	**00/00/1964**
DEPTH DRILLED:	**785'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.337070000**
LATITUDE:	**29.720710000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522132/6522132.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 132 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 43 11 Longitude - 95 20 10 Source of Coords - 2

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

Owner - Blue Ribbon Packing Co Driller - Pomeroy Drlg. Co.

Address _____ Tenant/Oper. _____
Date Drilled - / /1964 Depth - 785 ft. Source of Depth - Altitude - 42 ft. Source of Alt. -
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User -

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

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- 05/22/1964 Measurement- -236.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 02/20/2003

| 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		

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB Report 178: 60 ft. of screen
between 570 and 782 ft.

Aquifer - 121EVGL
Well No. - 65 22 132

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

MAP ID# 201 **Distance from Property: 3.36 mi. W**

STATE ID:	**65-13-914**
OWNER'S NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1917**
DEPTH DRILLED:	**558'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.407110000**
LATITUDE:	**29.770690000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513914/6513914.pdf**

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 - _____

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 -

| 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 13 914

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

MAP ID# 201 **Distance from Property: 3.36 mi. W**

STATE ID:	**65-13-915**
OWNER'S NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**11/00/1918**
DEPTH DRILLED:	**1465'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.407110000**
LATITUDE:	**29.770690000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513915/6513915.pdf**

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 - _____

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 -

| 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 13 915

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 202 **Distance from Property: 3.37 mi. SE**

ID NUMBER:	**TX181633**
STATE ID :	**N/A**
OWNER NAME:	**LAYNE TEXAS CO**
DATE DRILLED:	**10/22/1971**
DEPTH DRILLED:	**221'**
STATIC LEVEL:	**120'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.321941000**
LATITUDE:	**29.725833000**

1 PAGE(S) OF DRILLERS' LOGS

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 NC
Received: 11-
-71

1) OWNER:
Person having well drilled Layne Texas Co (Name) Address 5402 Lawndale, Houston (Street or RFD) (City) (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.*

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 221 ft. Depth of completed well ft. Date drilled 10-22-71
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	21	Clay
21	27	sand (red)
27	28	rock
28	53	Clay
53	74	sandy clay
74	83	sand
83	95	clay
95	103	sand
103	116	sandy clay
116	142	sand & gravel
142	178	sandy clay

(Use reverse side if necessary)

9) Casing:
Type: Old New ✓ Steel ✓ Plastic Other
Cemented from 0 ft. to 194 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
4	0	194	

10) SCREEN:
Type stainless steel
Perforated Slotted ✓

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
2½	200	220	
2½ "blank	200'	-188'	

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

8) WATER LEVEL:
Static level 120 ft. below land surface Date 10-22-71
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., 181 ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No If yes, by whom?
Yield: 30 gpm with aw 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 Baker Birdwell (Type or Print) Water Well Drillers Registration No. 476

ADDRESS P.O. Box 464 (Street or RFD) Jacinto (City) Texas (State) 77577

(Signed) Baker Birdwell (Water Well Driller) Birdwell 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

181633

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 203 **Distance from Property: 3.38 mi. WNW**

STATE ID:	**65-13-911**
OWNER'S NAME:	**SWIFT AND CO.**
DATE DRILLED:	**00/00/1917**
DEPTH DRILLED:	**670'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.405390000**
LATITUDE:	**29.781750000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513911/6513911.pdf**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 204 **Distance from Property: 3.42 mi. WSW**

STATE ID:	**65-21-312**
OWNER'S NAME:	**AMERICAN SERVICE CO.**
DATE DRILLED:	**00/00/1937**
DEPTH DRILLED:	**584'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.400700000**
LATITUDE:	**29.743190000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521312/6521312.pdf**

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

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 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

Thursday, November 30, 2006

Well Number - 6521312

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 205 **Distance from Property: 3.43 mi. NNW**

STATE ID:	**65-14-428**
OWNER'S NAME:	**CITY OF HOUSTON LINDALE PARK**
DATE DRILLED:	**02/11/1938**
DEPTH DRILLED:	**856'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.364860000**
LATITUDE:	**29.816700000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514428/6514428.pdf**

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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 205 **Distance from Property: 3.43 mi. NNW**

STATE ID:	**65-14-435**
OWNER'S NAME:	**CITY OF HOUSTON LINDALE PARK**
DATE DRILLED:	**06/17/1940**
DEPTH DRILLED:	**853'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.364880000**
LATITUDE:	**29.816680000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514435/6514435.pdf**

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 - _____
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 14 435

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 206 **Distance from Property: 3.43 mi. W**

ID NUMBER:	**TX187821**
STATE ID :	**65-13-9**
OWNER NAME:	**ST. THOMAS HIGH SCHOOL**
DATE DRILLED:	**12/06/1996**
DEPTH DRILLED:	**520'**
STATIC LEVEL:	**221'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.408152000**
LATITUDE:	**29.762836000**

2 PAGE(S) OF DRILLERS' LOGS

4" NEW BLANK LINER 497' -- 505'

505' 520' SAND
520' 600' CLAY & SAND STREAKS

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

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 Casing 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

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 XXXX 221 ft. below land surface Date 12/6/96
Artesian flow ____ gpm. Date ____

12) PACKERS:

Type	Depth
6X4 K-PACKER	475
6X4 K-PACKER	476
6X4 K-PACKER	477

13) TYPE PUMP:
[ ] Turbine [ ] Jet [X] Submersible [ ] Cylinder [ ] Other
Depth to pump bowls, cylinder, jet, etc., 336 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) 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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 206 **Distance from Property: 3.43 mi. W**

WELL ID:	**5814**
OWNERS NAME:	**ST. THOMAS HIGH SCHOOL**
YEAR DRILLED:	**Not Reported**
DEPTH DRILLED:	**450'**
STATIC LEVEL:	**430'**
WATER USAGE:	**OTHER**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.408152000**
LATITUDE:	**29.762836000**
SOURCE:	**HGSD**

MAP ID# 207 **Distance from Property: 3.47 mi. NNW**

PWSID:	**1010013**
SOURCE ID:	**G1010013OG**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1938**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.366668700**
LATITUDE:	**29.816667560**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 207 **Distance from Property: 3.47 mi. NNW**

STATE ID:	**65-14-418**
OWNER'S NAME:	**CITY OF HOUSTON OAKWOOD**
DATE DRILLED:	**00/00/1938**
DEPTH DRILLED:	**220'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.366884000**
LATITUDE:	**29.816894000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514418/6514418.pdf**

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 - _____
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- / /

| 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		

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CHCTL
Well No. - 65 14 418

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 208 **Distance from Property: 3.48 mi. SW**

ID NUMBER:	**TX206006**
STATE ID :	**65-21-3**
OWNER NAME:	**KYLE SMITH**
DATE DRILLED:	**12/20/1994**
DEPTH DRILLED:	**250'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**INJECTION**
LONGITUDE:	**-95.385298000**
LATITUDE:	**29.726971000**

1 PAGE(S) OF DRILLERS' LOGS

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*
FOR: AIR TECH CONTROL

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER: Kyle Smith (Name) — ADDRESS: 5200 Caroline (Street or RFD) Houston (City) Texas (State) 77004 (Zip)

2) ADDRESS OF WELL: County Harris — 5200 Caroline (Street, RFD or other) Houston (City) Texas (State) 77004 (Zip) — GRID # 65-21-3 Log# 1 of 9

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

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [ ] Domestic [ ] Industrial [ ] Irrigation [X] 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 12-13 19 94 Completed 12-20 19 94

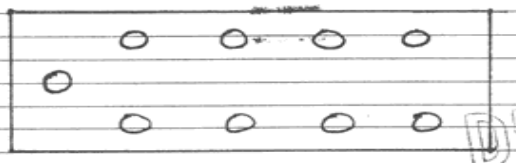
DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
4 1/4"	Surface	250'

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 -	70	Clay
70 -	140	Clayey Sand
140 -	250	Clay

Nine ground source heat pump holes in grid.
Each well 10 feet apart.



(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
.75	N	Poly Ethylene	0	250	None

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 250 ft. No. of sacks used 6
____ ft. to ____ ft. No. of sacks used ____
Method used Tremmie Tube
Cemented by Grout Pump
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)]
[X] Approved Alternative Procedure Used [Rule 338.71]

13) TYPE PUMP: N/A
[ ] Turbine [ ] Jet [ ] Submersible [ ] Cylinder [ ] Other
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS: N/A
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 [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

I hereby certify that this well was drilled by 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: Service Station Testing, Inc. (Type or print) — WELL DRILLER'S LICENSE NO. 3197MN

ADDRESS: 4412 Bluemel Road (Street or RFD) San Antonio (City) Texas (State) 78240 (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

RECEIVED JAN 20 1995 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 208 **Distance from Property: 3.48 mi. SW**

ID NUMBER:	**TX206007**
STATE ID :	**65-21-3**
OWNER NAME:	**KYLE SMITH**
DATE DRILLED:	**12/20/1994**
DEPTH DRILLED:	**250'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**INJECTION**
LONGITUDE:	**-95.385298000**
LATITUDE:	**29.726971000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified mail to: TNRCC, P.O. Box 1[illegible]7, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*
FOR: AIR TECH CONTROL

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER Kyle Smith (Name) ADDRESS 5200 Caroline (Street or RFD) Houston (City) Texas (State) 77004 (Zip)

2) ADDRESS OF WELL: County Harris 5200 Caroline (Street, RFD or other) Houston (City) Texas (State) 77004 (Zip) GRID # 65-21-3 Log# 2 of 9

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

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [ ] Domestic [ ] Industrial [ ] Irrigation [X] 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 12-13 19 94 Completed 12-20 19 94

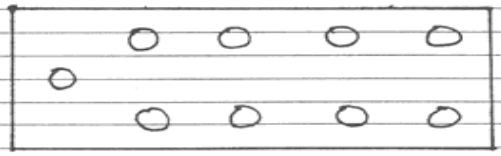
DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
4 1/4"	Surface	250'

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 -	70	Clay
70 -	140	Clayey Sand
140 -	250	Clay

Nine ground source heat pump holes in grid.
Each well 10 feet apart.



(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
.75	N	Poly Ethylene	0	250	None

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 250 ft. No. of sacks used 6
ft. to ____ ft. No. of sacks used ____
Method used Tremmie Tube
Cemented by Grout Pump
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance ____

RECEIVED JAN 2 0 1995 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

13) TYPE PUMP: N/A
[ ] 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)]
[X] Approved Alternative Procedure Used [Rule 338.71]

14) WELL TESTS: N/A
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 [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

I hereby certify that this well was drilled by 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 Service Station Testing, Inc. (Type or print) WELL DRILLER'S LICENSE NO. 3197MN

ADDRESS 4412 Bluemel Road (Street or RFD) San Antonio (City) Texas (State) 78240 (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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 208 **Distance from Property: 3.48 mi. SW**

ID NUMBER:	**TX206009**
STATE ID :	**65-21-3**
OWNER NAME:	**KYLE SMITH**
DATE DRILLED:	**12/20/1994**
DEPTH DRILLED:	**250'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**INJECTION**
LONGITUDE:	**-95.385298000**
LATITUDE:	**29.726971000**

1 PAGE(S) OF DRILLERS' LOGS

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*
FOR: AIR TECH CONTROL

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER Kyle Smith (Name) ADDRESS 5200 Caroline (Street or RFD) Houston (City) Texas (State) 77004 (Zip)

2) ADDRESS OF WELL: County Harris 5200 Caroline (Street, RFD or other) Houston (City) Texas (State) 77004 (Zip) GRID # 65-21-3 Log# 4 of 9

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

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [ ] Domestic [ ] Industrial [ ] Irrigation [X] 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 12-13 19 94 Completed 12-20 19 94

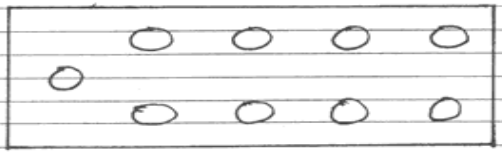
DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
4 1/4"	Surface	250'

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	70	Clay
70	140	Clayey Sand
140	250	Clay

Nine ground source heat pump holes in grid.
Each well 10 feet apart.



(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
.75	N	Poly Ethylene	0	250	None

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 250 ft. No. of sacks used 6
____ ft. to ____ ft. No. of sacks used ____
Method used Tremmie Tube
Cemented by Grout Pump
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance ____

13) TYPE PUMP: N/A
[ ] 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)]
[X] Approved Alternative Procedure Used [Rule 338.71]

14) WELL TESTS: N/A
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 [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

I hereby certify that this well was drilled by 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 Service Station Testing, Inc. (Type or print) WELL DRILLER'S LICENSE NO. 3197MN

ADDRESS 4412 Bluemel Road (Street or RFD) San Antonio (City) Texas (State) 78240 (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

RECEIVED JAN 20 1995 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 208 **Distance from Property: 3.48 mi. SW**

ID NUMBER:	**TX206010**
STATE ID :	**65-21-3**
OWNER NAME:	**KYLE SMITH**
DATE DRILLED:	**12/20/1994**
DEPTH DRILLED:	**250'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**INJECTION**
LONGITUDE:	**-95.385298000**
LATITUDE:	**29.726971000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified mail to: TNRCC, P.O. Box , Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*
FOR: AIR TECH CONTROL

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER Kyle Smith (Name) ADDRESS 5200 Caroline (Street or RFD) Houston (City) Texas (State) 77004 (Zip)

2) ADDRESS OF WELL: County Harris 5200 Caroline (Street, RFD or other) Houston (City) Texas (State) 77004 (Zip) GRID # 65-21-3 Log# 5 of 9

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

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [ ] Domestic [ ] Industrial [ ] Irrigation [X] 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 12-13 19 94 Completed 12-20 19 94

DIAMETER OF HOLE

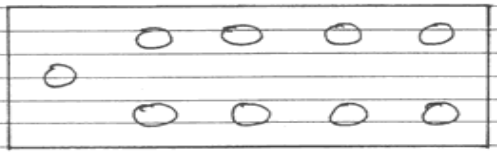
Dia. (in.)	From (ft.)	To (ft.)
4 1/4"	Surface	250'

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 -	70	Clay
70 -	140	Clayey Sand
140 -	250	Clay

Nine ground source heat pump holes in grid.
Each well 10 feet apart.



(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
.75	N	Poly Ethylene	0	250	None

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 250 ft. No. of sacks used 6
ft. to ft. No. of sacks used
Method used Tremmie Tube
Cemented by Grout Pump
Distance to septic system field lines or other concentrated contamination ft.
Method of verification of above distance

13) TYPE PUMP: N/A
[ ] Turbine [ ] Jet [ ] Submersible [ ] Cylinder [ ] Other
Depth to pump bowls, cylinder, jet, etc., ft.

14) WELL TESTS: N/A
Type test: [ ] Pump [ ] Bailer [ ] Jetted [ ] Estimated
Yield: gpm with ft. drawdown after hrs.

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 ft. below land surface Date
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

I hereby certify that this well was drilled by 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 Service Station Testing, Inc. (Type or print) WELL DRILLER'S LICENSE NO. 3197MN

ADDRESS 4412 Bluemel Road (Street or RFD) San Antonio (City) Texas (State) 78240 (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

RECEIVED JAN 20 1995 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 208 **Distance from Property: 3.48 mi. SW**

ID NUMBER:	**TX206011**
STATE ID :	**65-21-3**
OWNER NAME:	**KYLE SMITH**
DATE DRILLED:	**12/20/1994**
DEPTH DRILLED:	**250'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**INJECTION**
LONGITUDE:	**-95.385298000**
LATITUDE:	**29.726971000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified mail to: TNRCC, P.O. Box [illegible], Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*
FOR: AIR TECH CONTROL

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER: Kyle Smith (Name) — ADDRESS: 5200 Caroline (Street or RFD) Houston (City) Texas (State) 77004 (Zip)

2) ADDRESS OF WELL: County Harris — 5200 Caroline (Street, RFD or other) Houston (City) Texas (State) 77004 (Zip) — GRID # 65-21-3 — Log# 6 of 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)

6) WELL LOG:
Date Drilling: Started 12-13 19 94 Completed 12-20 19 94

DIAMETER OF HOLE

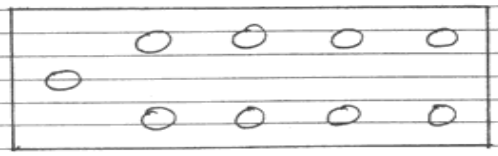
Dia. (in.)	From (ft.)	To (ft.)
4 1/4"	Surface	250

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

N

From (ft.)	To (ft.)	Description and color of formation material
0 -	70	Clay
70 -	140	Clayey Sand
140 -	250	Clay

Nine ground source heat pump holes in grid.
Each well 10 feet apart.



(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
.75	N	Poly Ethylene	0	250	None

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 250 ft. No. of sacks used 6
ft. to ft. No. of sacks used
Method used Tremmie Tube
Cemented by Grout Pump
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance

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

14) WELL TESTS: N/A
Type test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

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 ____

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: Service Station Testing, Inc. (Type or print) — WELL DRILLER'S LICENSE NO. 3197MN

ADDRESS: 4412 Bluemel Road (Street or RFD) San Antonio (City) Texas (State) 78240 (Zip)

(Signed) Don Duke (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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 208 **Distance from Property: 3.48 mi. SW**

ID NUMBER:	**TX206012**
STATE ID :	**65-21-3**
OWNER NAME:	**KYLE SMITH**
DATE DRILLED:	**12/20/1994**
DEPTH DRILLED:	**250'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**INJECTION**
LONGITUDE:	**-95.385298000**
LATITUDE:	**29.726971000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified mail to: TNRCC, P.O. Box 7, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*
FOR: AIR TECH CONTROL

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER: Kyle Smith (Name) ADDRESS: 5200 Caroline (Street or RFD) Houston (City) Texas (State) 77004 (Zip)

2) ADDRESS OF WELL: County Harris 5200 Caroline (Street, RFD or other) Houston (City) Texas (State) 77004 (Zip) GRID # 65-21-3 Log# 7 of 9

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

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [ ] Domestic [ ] Industrial [ ] Irrigation [X] 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 12-13 19 94 Completed 12-20 19 94

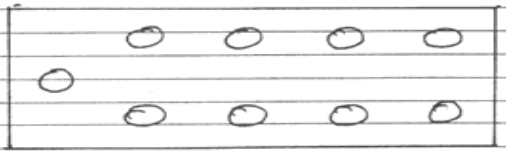
DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
4 1/4"	Surface	250'

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 -	70	Clay
70 -	140	Clayey Sand
140 -	250	Clay

Nine ground source heat pump holes in grid.
Each well 10 feet apart.



(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
.75	N	Poly Ethylene	0	250	None

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 250 ft. No. of sacks used 6
____ ft. to ____ ft. No. of sacks used ____
Method used Tremmie Tube
Cemented by Grout Pump
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 N/A
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)]
[X] Approved Alternative Procedure Used [Rule 338.71]

14) WELL TESTS: N/A
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 [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

I hereby certify that this well was drilled by 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 Service Station Testing, Inc. (Type or print) WELL DRILLER'S LICENSE NO. 3197MN

ADDRESS 4412 Bluemel Road (Street or RFD) San Antonio (City) Texas (State) 78240 (Zip)

(Signed) Tom Pula (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

RECEIVED JAN 20 1995 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 208 **Distance from Property: 3.48 mi. SW**

ID NUMBER:	**TX206013**
STATE ID :	**65-21-3**
OWNER NAME:	**KYLE SMITH**
DATE DRILLED:	**12/20/1994**
DEPTH DRILLED:	**250'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**INJECTION**
LONGITUDE:	**-95.385298000**
LATITUDE:	**29.726971000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified mail to: TNRCC, P.O. Box 87, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*
FOR: AIR TECH CONTROL

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER: Kyle Smith (Name) — ADDRESS: 5200 Caroline (Street or RFD) Houston (City) Texas (State) 77004 (Zip)

2) ADDRESS OF WELL: County Harris — 5200 Caroline (Street, RFD or other) Houston (City) Texas (State) 77004 (Zip) — GRID # 65-21-3 — Log # 8 of 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)

6) WELL LOG:
Date Drilling: Started 12-13 19 94 Completed 12-20 19 94

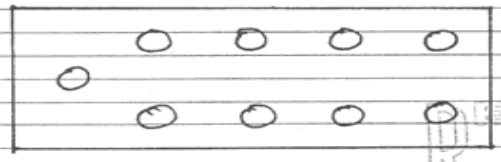
DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
4 1/4"	Surface	250'

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 -	70	Clay
70 -	140	Clayey Sand
140 -	250	Clay

Nine ground source heat pump holes in grid.
Each well 10 feet apart.



(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
.75	N	Poly Ethylene	0	250	None

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 250 ft. No. of sacks used 6
____ ft. to ____ ft. No. of sacks used ____
Method used Tremmie Tube
Cemented by Grout Pump
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance ____

RECEIVED JAN 20 1995 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

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

N/A

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

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 ____

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: Service Station Testing, Inc. (Type or print) — WELL DRILLER'S LICENSE NO. 3197MN

ADDRESS: 4412 Bluemel Road (Street or RFD) San Antonio (City) Texas (State) 78240 (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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 208 **Distance from Property: 3.48 mi. SW**

ID NUMBER:	**TX206014**
STATE ID :	**65-21-3**
OWNER NAME:	**KYLE SMITH**
DATE DRILLED:	**12/20/1994**
DEPTH DRILLED:	**250'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**INJECTION**
LONGITUDE:	**-95.385298000**
LATITUDE:	**29.726971000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified mail to: TNRCC, P.O. Box ., /, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*
FOR: AIR TECH CONTROL

State of Texas
WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** Kyle Smith (Name) **ADDRESS** 5200 Caroline (Street or RFD) Houston (City) Texas (State) 77004 (Zip)

2) **ADDRESS OF WELL:** County Harris 5200 Caroline (Street, RFD or other) Houston (City) Texas (State) 77004 (Zip) **GRID #** 65-21-3 Log# 9 of 9

3) **TYPE OF WORK (Check):** [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) **PROPOSED USE (Check):** [ ] Monitor [ ] Environmental Soil Boring [ ] Domestic [ ] Industrial [ ] Irrigation [X] 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 12-13 19 94 Completed 12-20 19 94

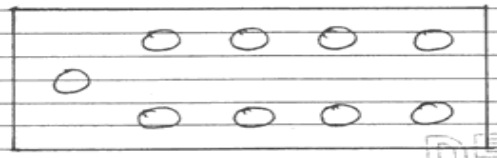
DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
4 1/4"	Surface	250'

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 -	70	Clay
70 -	140	Clayey Sand
140 -	250	Clay

Nine ground source heat pump holes in grid.
Each well 10 feet apart.



(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
.75	N	Poly Ethylene	0	250	None

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from 0 ft. to 250 ft. No. of sacks used 6
ft. to ft. No. of sacks used
Method used Tremmie Tube
Cemented by Grout Pump
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance

RECEIVED
JAN 20 1995
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

13) **TYPE PUMP:** [ ] Turbine [ ] Jet [ ] Submersible [ ] Cylinder [ ] Other N/A
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) **WELL TESTS:** N/A
Type test: [ ] Pump [ ] Bailer [ ] Jetted [ ] Estimated
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

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 ____ ft. below land surface Date ____
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

I hereby certify that this well was drilled by 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 Service Station Testing, Inc. (Type or print) **WELL DRILLER'S LICENSE NO.** 3197MN

ADDRESS 4412 Bluemel Road (Street or RFD) San Antonio (City) Texas (State) 78240 (Zip)

(Signed) Tom Rule (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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 208 **Distance from Property: 3.48 mi. SW**

ID NUMBER:	**TX206008**
STATE ID :	**65-21-3**
OWNER NAME:	**KYLE SMITH**
DATE DRILLED:	**12/20/1994**
DEPTH DRILLED:	**250'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**INJECTION**
LONGITUDE:	**-95.385298000**
LATITUDE:	**29.726971000**

1 PAGE(S) OF DRILLERS' LOGS

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*
FOR: AIR TECH CONTROL

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER: Kyle Smith (Name) ADDRESS: 5200 Caroline (Street or RFD) Houston (City) Texas (State) 77004 (Zip)

2) ADDRESS OF WELL: County Harris; 5200 Caroline (Street, RFD or other) Houston (City) Texas (State) 77004 (Zip) GRID # 65-21-3 Log# 3 of 9

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

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [ ] Domestic [ ] Industrial [ ] Irrigation [X] 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 12-13 19 94 Completed 12-20 19 94

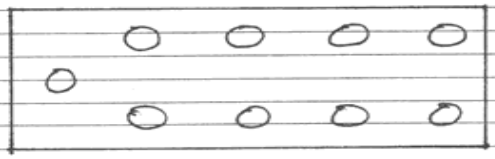
DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
4 1/4"	Surface	250'

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 -	70	Clay
70 -	140	Clayey Sand
140 -	250	Clay

Nine ground source heat pump holes in grid.
Each well 10 feet apart.



(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
.75	N	Poly Ethylene	0	250	None

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 250 ft. No. of sacks used 6
____ ft. to ____ ft. No. of sacks used ____
Method used Tremmie Tube
Cemented by Grout Pump
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance

13) TYPE PUMP: N/A
[ ] Turbine [ ] Jet [ ] Submersible [ ] Cylinder [ ] Other
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS: N/A
Type test: [ ] Pump [ ] Bailer [ ] Jetted [ ] Estimated
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

RECEIVED JAN 20 1995 TX
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)]
[X] Approved Alternative Procedure Used [Rule 338.71]

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 [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

I hereby certify that this well was drilled by 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: Service Station Testing, Inc. (Type or print) WELL DRILLER'S LICENSE NO. 3197MN

ADDRESS: 4412 Bluemel Road (Street or RFD) San Antonio (City) Texas (State) 78240 (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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 209 **Distance from Property: 3.54 mi. NNW**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294901095221001**
STATION NAME: **LJ-65-14-409 (LINDALE PARK)**
SITE TYPE: **GW**
LATITUDE: **29.817220000** LONGITUDE: **-95.369410000**
DATE DRILLED: **194706**
WELL DEPTH: **1152 feet**
HOLE DEPTH: **1200 feet**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 209 **Distance from Property: 3.54 mi. NNW**

STATE ID:	**65-14-409**
OWNER'S NAME:	**CITY OF HOUSTON LINDALE PARK**
DATE DRILLED:	**06/00/1947**
DEPTH DRILLED:	**1152'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.369410000**
LATITUDE:	**29.817220000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514409/6514409.pdf**

WRD Exp. (CW)
April 1966

Well No. LJ-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 Jch 1963 — Source of date File — Date 3-4-68 — Map 1:24000 Southeast 1955

State Texas [48] — County (or town) Harris [LJ]

Latitude: 29 49 01 N — Longitude: 095 22 10 — Sequential number: 1

Lat-long accuracy: [1] T. ____ S, R ____ W, Sec ____, ____, ____, ____

Local well number: LJ-65-14-409 — Other number: B & H # 9 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, (H) Dom, (I) Irr, (M) Ind, (N) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (G) Other — [U]

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, (E) 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 U-21 0-1700 [E]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 1152 ft — [1152] — Meas. (est) 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, (T) sd. pt., (W) shored, (X) open hole, (E) 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, (E) other — [H]

Date Drilled: June 1947 — [9 47] — 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) mono, (P) piston, (R) rot, (S) submerg, (T) turb, (E) other — [N] Deep [ ] Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; nat LP; H.P. None — [ ] Trans. or meter no. ____

Descrip. MP top 16" casing +0.3 ft above 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 [6 47] — 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 ____ K x 10^6 — Temp. ____ °F — Date sampled ____

Taste, color, etc. ____

Pl 158 140/49

Well No. LJ-65-14-409

Well No. LJ-65-14-409

Latitude-longitude 29 d 44 m 01 s (N) 095 d 22 m 10 s (W)

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1) Physiographic Province: Coastal Plains (19-20) 03 (21) Section: _____

(22) F Drainage Basin: _____ (23-25) 511R Subbasin: _____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (R) hilltop, (K) sink, 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: 722-752; 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)

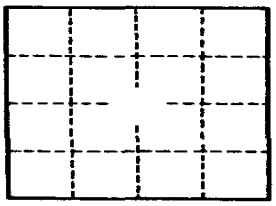
CSG:

0-546 = 16"

441-1152 = 8 5/8

recorder installed 7-31-64.

* All scr. .025 go. except bottom .020 go.



Well No. LJ-65-14-409

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 210 **Distance from Property: 3.54 mi. SE**

STATE ID:	**65-22-209**
OWNER'S NAME:	**E SIMS**
DATE DRILLED:	**05/20/1940**
DEPTH DRILLED:	**590'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.309280000**
LATITUDE:	**29.731220000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522209/6522209.pdf**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 211 **Distance from Property: 3.55 mi. W**

WELL ID:	**13807**
OWNERS NAME:	**ROBERTSON, JAMES**
YEAR DRILLED:	**Not Reported**
DEPTH DRILLED:	**420'**
STATIC LEVEL:	**20'**
WATER USAGE:	
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.409692000**
LATITUDE:	**29.759885000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 212 **Distance from Property: 3.56 mi. N**

STATE ID:	**65-14-439**
OWNER'S NAME:	**GIFFORD HILL**
DATE DRILLED:	**08/19/1974**
DEPTH DRILLED:	**552'**
WATER USAGE:	
LONGITUDE:	**-95.358280000**
LATITUDE:	**29.819670000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514439/6514439.pdf**

April 1966

U. S. DEPT. OF THE INTERIOR — WELL SCHEDULE — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

J 65-14-439

MASTER CARD

Record by H. PETERS Source of data DRILLER Date 11-23-76 Map

State TEXAS 48 County (or town) HARRIS LJ

Latitude: 29 47 17 N Longitude: 095 21 30 Sequential number: 1

Lat-long accuracy: T S, R W, Sec , , ,

Local well number: LJ-65-14-439 Other number: B & M

Local use: Owner or name: Gifford-Hill American, Inc.

Owner or name: GIFFORD HILL Address: Irvington 11204 Bergen (P.O.)

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) S, (R) Rec, (S) Stock, (T) Unused, (U) Repressure, (V) Recharge, (W) Desal-P S, (X) 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: D-Log 0-526' — D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 552 ft 552 Meas. ep driller accuracy 3

Depth cased: (first perf.) 490 ft 490 Casing type: Steel ; Diam. 6-4 in 6

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 — 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: 8-19-74 9 7 4 Pump intake setting: 354 ft 354

Driller: Bussell & Son, Inc. (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 Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; nat LP H.P. Trans. or meter no.

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: 64 64 Accuracy: (source) topo 5' B

Water Level 264 ft above below MP; Ft above below LSD 264 Accuracy: Rept-Driller G

Date meas: 8-23-74 8 7 4 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.

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Well LJ 65-14 439

Latitude-longitude d m s N/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) SAR Subbasin: (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (♦) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat (27)

MAJOR AQUIFER: ____ system, ____ series (28-29) Chicot aquifer, formation, group (30-31) C

Lithology: ____ (32-33) Origin: ____ (34) Aquifer Thickness: ____ ft

(35-37) Length of well open to: ✓32 ft (38-40) 37 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: 490'-504' 508'-526'

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)

6" Csg 0-454
4" Csg 454-526
Cemented 0-454'

Well No.

GPO 857-700

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 212 **Distance from Property: 3.56 mi. N**

WELL ID:	**2017**
OWNERS NAME:	**GIFFORD-HILL & COMPANY, INC.**
YEAR DRILLED:	**1967**
DEPTH DRILLED:	**560'**
STATIC LEVEL:	**460'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.358279000**
LATITUDE:	**29.819682000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 213 **Distance from Property: 3.59 mi. W**

ID NUMBER:	**TX199630**
STATE ID :	**65-13-9D**
OWNER NAME:	**MR. PRUITT**
DATE DRILLED:	**06/07/1968**
DEPTH DRILLED:	**321'**
STATIC LEVEL:	**153'**
WATER USAGE:	**ROBO CAR WASH**
LONGITUDE:	**-95.411057000**
LATITUDE:	**29.770226000**

1 PAGE(S) OF DRILLERS' LOGS

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
Received:
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 (Circle as many as are known) Block No. 46 Survey JOHN AUSTIN
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
~~Pump~~ Bailer test: 75 gpm with ____ ft. drawdown after ____ hrs
~~Bailer~~ Pump 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 10 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 77047 (City) (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.

MAP ID# 213 **Distance from Property: 3.59 mi. W**

STATE ID:	**65-13-945**
OWNER'S NAME:	**ROBO CAR WASH**
DATE DRILLED:	**00/00/1968**
DEPTH DRILLED:	**321'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.411057000**
LATITUDE:	**29.770226000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513945/6513945.pdf**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 214 **Distance from Property: 3.60 mi. SE**

STATE ID:	**65-22-208**
OWNER'S NAME:	**J BAIER**
DATE DRILLED:	**10/00/1934**
DEPTH DRILLED:	**309'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.310900000**
LATITUDE:	**29.728650000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522208/6522208.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 208 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 43 42 Longitude - 95 18 37 Source of Coords - 2

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

Owner - J Baier Driller - Layne Texas Co.

Address _____ Tenant/Oper. _____
Date Drilled - 10/ /1934 Depth - 309 ft. Source of Depth - D Altitude - 40 ft. Source of Alt. - M
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER Well Type - W User -

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

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 22 208

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 215 **Distance from Property: 3.61 mi. NNW**

ID NUMBER:	**TX213288**
STATE ID :	**N/A**
OWNER NAME:	**NORTH GATE STATE BANK**
DATE DRILLED:	**03/30/1971**
DEPTH DRILLED:	**263'**
STATIC LEVEL:	**135'**
WATER USAGE:	**BANK**
LONGITUDE:	**-95.374707000**
LATITUDE:	**29.816645000**

1 PAGE(S) OF DRILLERS' LOGS

GW 7

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

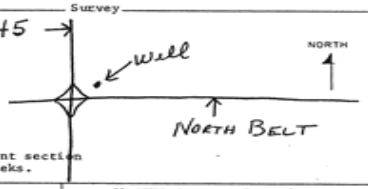
State of Texas

WATER WELL REPORT

For TWDB use only
Well No.
Located on map N 6
Received: 4-7-71
Form GW 8
Form GW 9

1) OWNER:
Person having well drilled: FARR & TRIBBLE Co. (Name) Address: 5616 Edgemere (Street or RFD) Houston (City) Texas (State) 77036
Landowner: NORTH GATE STATE BANK (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 (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 ☒ (BANK) Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

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

6) WELL LOG:
Diameter of hole 4½ in. Depth drilled 263 ft. Depth of completed well 260 ft. Date drilled 3-30-71
All measurements made from 1 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	3	Fill & Sand
3	65	Clay - Yellow & Red
65	75	Sand - Brown - .012
75	137	Clay - Red
137	150	Sand - Brown - .014
150	243	Clay - Red
243	263	Sand - White - .012
		Stopped in sand.

(Use reverse side if necessary)

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

8) WATER LEVEL:
Static level 135 ft. below land surface Date 3-30-71
Artesian pressure ____ lbs. per square inch Date

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

10) SCREEN:
Type Stainless Steel - Underbar
Perforated ☐ Slotted ☐

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
2½	0	252	Sch. 40

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size
2½	252	260	.012

11) WELL TESTS:
Was a pump test made? ☐ Yes ☐ No If yes by whom?
Blower with compressor by driller
Yield: 40 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 Sta-Rite (MSE)
Type Jet H.P. 1
Designed pumping rate 4 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 JOHN A. Sybren (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 Sybren (Water Well Driller) Almeda Water Well Service (Company Name)

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

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 216 **Distance from Property: 3.62 mi. E**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294613095172601**
STATION NAME: **LJ-65-14-912**
SITE TYPE: **GW**
LATITUDE: **29.770900000** LONGITUDE: **-95.290340000**
DATE DRILLED: **192901**
WELL DEPTH: **676 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **CHICOT AQUIFER**

MAP ID# 216 **Distance from Property: 3.62 mi. E**

STATE ID:	**65-14-912**
OWNER'S NAME:	**LAYNE BOWLER CO.**
DATE DRILLED:	**00/00/1929**
DEPTH DRILLED:	**676'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.290340000**
LATITUDE:	**29.770900000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514912/6514912.pdf**

WRD Exp. (GW)
April 1966

Well No. LJ-65-14-912

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by G.D. McAdoo Livingston 1931 | Source of data E,Lc | Date 1-19-68 | Map 1:24000 Settegast 1955

State Texas 48 | County (or town) Harris LJ

Latitude: 29 46 13 N | Longitude: 095 17 26 | Sequential number: 1

Lat-long accuracy: 1 | T. ___ S, R ___ W, Sec ___, ___, ___, ___

Local well number: LJ-65-14-912 | Other number: B & M 757 in 789-C

Local use: ___ | Owner or name: Loyne - Bowler Co.

Owner or name: LAYNE BOWLER 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) Mnf, (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 B | Freq. W/L meas.: 1929- Occ. to Lc | Q | Field aquifer char. ___

Hyd. lab. data: ___

Qual. water data; type: ___

Freq. sampling: None | Pumpage inventory: yes / no, period: ___

Aperture cards: ___

Log data: D log D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD | Depth well: 676 ft | 676 | Meas. rep. Driller accuracy 3

Depth cased; (first perf.) 577 ft | 577 | Casing type: S ; Diam. 10 in | 10

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, sd. pt., (S) 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: 1929 | 9219 | Pump intake setting: ___ ft

Driller: Loyne 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, (X) other N | Deep | Shallow

Power (type): nat diesel, elec, gas, gasoline, hand, LP gas, wind; H.P. ___ | Trans. or meter no. ___

Descrip. MP ___ ft above below LSD, Alt. MP 45

Alt. LSD: 45 | 45 | Accuracy: (source) Topo 5' 3

Water Level ___ ft above below MP; ___ Ft above below LSD | 57 | Accuracy: meas. A

Date meas: 1929 | -29 | Yield: 660 gpm | 660 | Method determined ___

Drawdown: 46 ft | 46 | Accuracy: rept. | Pumping period 3 ___ 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-65-14-912

Well No. LJ-65-14-912

Latitude-longitude 29 d 46 m 13 s (N) 095 d 17 m 26.1 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD [1] [10] Physiographic Province: Coastal Plain [20] [21] Section: West

G.C.D [22] E Drainage Basin: [23] 71 [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 Q [28] [29] aquifer, formation, group E [30] [31]

Lithology: [32] [33] Origin: [34] Aquifer Thickness: ft

[35] [37] Length of well open to: 79 ft [38] 79 [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: 58 ft [54] [56] Depth to top of: ft [57] [59]

Intervals Screened: 577-635; 649-670'

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-65-14-912

GPO 857-700

WATER UTILITY DATABASE (WUD)

MAP ID# 217 **Distance from Property: 3.62 mi. SSW**

PWSID:	**1010013**
SOURCE ID:	**G1010013HU**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**07/24/1935**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.376663210**
LATITUDE:	**29.719999310**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 218 **Distance from Property: 3.63 mi. ENE**

STATE ID:	**65-14-514**
OWNER'S NAME:	**PITTSBURGH PLATE GLASS CO.**
DATE DRILLED:	**05/08/1963**
DEPTH DRILLED:	**1125'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.299120000**
LATITUDE:	**29.796090000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514514/6514514.pdf**

TEXAS DEPARTMENT OF WATER RESOURCES

WELL SCHEDULE

Aquifer(s) Evangeline Project No. _____ State Well No. 65-14-514

Field No./Owner's Well No. 2 County HARRIS

1. Location: ___ ¼, ___ ¼, Section ___, Block ___, Survey ___, Lat. ___, Long. ___

2. Owner: Pittsburgh Plate Glass Co. Address: _____

Tenant (other): _____ Address: _____

Driller: Layne Texas Address: _____

3. Land Surface Elevation: 50 ft. above msl determined by _____

4. Drilled: 5-8 19 63; Dug, Cable Tool, Rotary, Air, _____

5. Depth: Rept. 1125 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. _____

9. Yield: Flow _____ gpm, Pump _____ gpm, Meas., Rept., Est. _____ Date _____

10. Performance Test: Date 6/63 Length of Test _____ Made by C-T

Static Level 265 ft. Pumping Level _____ ft. Drawdown 57 ft.

Production 1022 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
16			850
10			1125

TDWR-0308

W/L Obs. Well ___ W/Q Obs. Well ___

State Well No. 65-14-514

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

FORM NO. 28 65-14-[illegible] Plotted 102 [illegible]

LAYNE TEXAS COMPANY
HOUSTON -:- DALLAS

WELL LOG

REPORT NO. 6381
S. O. 2408-63
PAGE 1 OF 2
FILE NO. 2770
DATE 6/4/63

CUSTOMER LOCATION

FOR Pittsburg Plate Glass Company

LOCATION WELL 6621 Old Liberty Road

SURVEY FIELD

COUNTY Harris STATE Texas

OTHER LAND MARKS

WELL DATA

NAME WELL WELL NO. 2
ELEVATION DATUM
RT C GR
TEST HOLE SIZE 9-7/8" & 7-7/8" TD 1218'
DATE STARTED DRILLING 5-3-63
DATE FINISHED DRILLING 5-8-63
DRILLER O. Gutzmann RIG NO. 17
TYPE MUD Clay & Gel NO. SACKS 13
ELECTRIC LOG Yes TYPE Widco
SURVEY Eastman TYPE Single-Shot
OTHER

OK

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
0		Surface			
7	7	Top soil			
50	43	White & red clay			
62	12	Clay & sand streaks			
87	25	Sandy clay & clay			
141	54	Shale & sandy shale			
153	12	Sand			
173	20	Blue shale			
210	37	Sand & gravel			
255	45	Shale & clay			
275	20	Sandy shale			
285	10	Sand			
313	28	Clay			
323	10	Sandy shale			
355	32	Sand			
380	25	Sandy shale & sand			
407	27	Shale			
417	10	Sand			
515	98	Clay & sandy clay			
540	25	Sand, gravel & clay			
554	14	Sand, gravel & clay			
575	21	Clay			
592	17	Shale & sand streaks			
618	26	Sand			
703	85	Shale			
729	26	Sand			
842	113	Sand (broken)			
898	56	Sand			
902	4	Shale			
912	10	Coarse sand, gravel & clay			
955	43	Shale			
973	18	Sand & hard streaks			
984	11	Shale			
997	13	Sand			
1029	32	Shale			
1077	48	Sand & streaks of shale			
1083	6	Sandy shale			
1100	17	Sand-broken			
1168	60	Sandy shale & shale			

65-14-5 [illegible] -514

FORM NO. 28

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

WELL LOG

REPORT NO. 6381
S. O. 2408-63
PAGE 2 OF 2
FILE NO. 2770
DATE 6/4/63

CUSTOMER LOCATION

FOR Pittsburg Plate Glass Company

LOCATION WELL 6621 Old Liberty Road

SURVEY FIELD

COUNTY Harris STATE Texas

OTHER LAND MARKS

WELL DATA

NAME WELL WELL NO. 2

ELEVATION DATUM

RT C GR

TEST HOLE SIZE 9-7/8" & 7-7/8" TD 1218'

DATE STARTED DRILLING 5-3-63

DATE FINISHED DRILLING 5-8-63

DRILLER O. Gutzmann RIG NO. 17

TYPE MUD Clay & Gel NO. SACKS 13

ELECTRIC LOG Yes TYPE Widco

SURVEY Eastman TYPE Single-Shot

OTHER

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	TYPE	NUMBER
1168					
1188	20	Sand (cut good)			
1205	17	Sand (broken)			
1218	13	Shale			
T.D. 1218 ft.					

ATTACH:
4 pages
WWH 65-14-5A
514

TD 1125

LAYNE TEXAS COMPANY

HOUSTON -:- DALLAS

WATER WELL TEST

REPORT NO. 6393
S. O 2408-63
PAGE 1 OF 1
FILE NO. 2770
DATE 6/13/63

CUSTOMER LOCATION

TEST FOR Pittsburg Plate Glass Company
LOCATION OF WELL 6621 Old Liberty Road
SURVEY FIELD
COUNTY Harris STATE Texas
DESCRIPTION OF LAND MARKS

WELL DATA

NAME WELL WELL NO. 2
ELEVATION DATUM
WELL SIZE 16" x 10-3/4" x 30" UR
TOTAL DEPTH 1125 TOP SCREEN 850.16'
GRAVEL WELL Yes STRAIGHT WELL
TYPE SCREEN SS WW Rib-Channel GAGE .045"
TEMPERATURE OF WATER
WATER CONDITION Clear-No Sand

WATER MEASURING DEVICE

ORIFICE SIZE 10" x 7" LENGTH
OTHER

TEST PUMP DATA

DEPTH SETTING TOP OF BOWL 360'
LENGTH AIR LINE 360' SIZE 1/4"
TYPE BOWL WMC - 12" NO STAGES 10
LENGTH BOWL SUCTION LT

SAND CONTENT OZ PER 100 GAL.

ACTIVE STATIC HEAD AFTER PUMP STOPPED

5 MIN.	270 FT.	20 MIN.	267 FT.
10 MIN.	269 FT.	25 MIN.	266 FT.
15 MIN.	268 FT.	30 MIN.	265 FT.

S.L. BEFORE START 256 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
6-7-63	Started test at 3:00 P.M.							
3:30PM	43	317		24	1022			
4:00	43	317		23.5	1012			
5:00	42	318		23.5	1012			
6:00	41	319		23.5	1012			
7:00	41	319		23.5	1012			
8:00	41	319		23.5	1012			
9:00	41	319		23.5	1012			
10:00	41	319		23.5	1012			
11:00	41	319		23.5	1012			
12:00 M	41	319		23.5	1012			6/8/63
1:00 AM	41	319		23.5	1012			
2:00	41	319		23.5	1012			
3:00	41	319		23.5	1012			
4:00	41	319		23.5	1012			
5:00	41	319		23.5	1012			
6:00	41	319		23.5	1012			
7:00	40	320		23	1001			
8:00	39	321		24	1022			
9:00	38	322		23.5	1012			
10:00	38	322		23.5	1012			
11:00	38	322		23.5	1012			
12:00 N	38	322		23.5	1012			
1:00 PM	38	322		24	1022			
2:00	38	322		23.5	1012			
3:00	38	322		24	1022			

OBSERVERS

FOR OWNER

C. M. BRYANT
FOR LAYNE TEXAS CO.

FORM NO. 25

65-14-514

MICROBIOLOGY SERVICE LABORATORIES

RI 7-7271
~~RI-7-9170~~

analytical chemists . . . microbiologists

13 June 1963

[redacted]
Houston 21, Texas
4820 Old Spanish Trail

To: Layne Texas Company
Houston 11, Texas

SO 2408-63

Sample marked: Pittsburgh Plate Glass Co., Houston, Harris Cty, Texas. Taken: 6-8-63 after 24 Hrs. pumping at 1022 gpm with Test Pump. Static Head: [10 min.] 265'. Pumping Level: 322'. Water clear. C. M. Bryant. Water Temp. 80°F

Received: 6-10-63. Sample had small amt. rust colored sediment.

WATER ANALYSIS

results in parts per million (mg/l) except as noted

Dissolved Residue at 105°C		273	Conductance, micromhos/cm, 25°C		470
Total Dissolved Solids, actual†		400	Color, units		< 5
Total Dissolved Solids, calc.		402	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	21	Total Alkalinity		204
Magnesium	Mg	5	Total Hardness		73
Sodium (diff.) Na+K as	Na	80	Free Carbon Dioxide	CO_2	0
Carbonate	CO_3	0	pH . . . 8.25		
Bicarbonate	HCO_3	249	HYPOTHETICAL COMBINATIONS		
Sulfate	SO_4	4	Calcium Bicarbonate		85
Chloride	Cl	28	Magnesium Bicarbonate		30
Total Iron	Fe	0.13	Sodium Bicarbonate		220
Dissolved Iron	Fe	< 0.05	Sodium Sulfate		6
			Sodium Chloride		46
			SiO_2+R_2O_3		15
			Total Dissolved Solids, calc.		402

† Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO_3) ion

Microbiology Service Laboratories

3890

By: Edna Wood

65-14-514

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

MAP ID# 218 **Distance from Property: 3.63 mi. ENE**

STATE ID:	**65-14-510**
OWNER'S NAME:	**PITTSBURGH PLATE GLASS CO.**
DATE DRILLED:	**00/00/1940**
DEPTH DRILLED:	**637'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.299150000**
LATITUDE:	**29.796080000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514510/6514510.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 510 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - Latitude - 29 47 50 Longitude - 95 18 01 Source of Coords - 1

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

Owner - Pittsburgh Plate Glass Co. Driller - Layne Texas Co.

Address _____ Tenant/Oper. _____
Date Drilled - / /1940 Depth - 637 ft. Source of Depth - L Altitude - 50 ft. Source of Alt. - M
Aquifer - 112GLFC GULF COAST AQUIFER Well Type - W User -

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- M Quality- N Logs- E Other Data-

WATER LEVELS Date- 06/21/1940 Measurement- -90.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112GLFC
Well No. - 65 14 510

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 218 **Distance from Property: 3.63 mi. ENE**

WELL ID:	**1675**
OWNERS NAME:	**PPG INDUSTRIES, INC.**
YEAR DRILLED:	**1963**
DEPTH DRILLED:	**1125'**
STATIC LEVEL:	**850'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.299167000**
LATITUDE:	**29.796111000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 219 **Distance from Property: 3.64 mi. SSE**

STATE ID:	**65-22-216**
OWNER'S NAME:	**H B & T RR #2**
DATE DRILLED:	**00/00/1941**
DEPTH DRILLED:	**860'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.327900000**
LATITUDE:	**29.718910000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522216/6522216.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 216 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 43 02 Longitude - 95 19 40 Source of Coords - 2

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

Owner - H B & T RR #2 Driller - McMasters & Pomeroy

Address _____ Tenant/Oper. _____
Date Drilled - / /1941 Depth - 860 ft. Source of Depth - D Altitude - 40 ft. Source of Alt. - M
Aquifer - 112CEVG CHICOT AND EVANGELINE AQUIFERS Well Type - W User -

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- / /

| 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		

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CEVG
Well No. - 65 22 216

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

MAP ID# 220 **Distance from Property: 3.64 mi. NNE**

STATE ID:	**65-14-403**
OWNER'S NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1949**
DEPTH DRILLED:	**1839'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.334060000**
LATITUDE:	**29.819220000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514403/6514403.pdf**

WRD Exp. (GW)
April 1966

Well No. LJT-65-14-403

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD (J. Brown) R.R.G. (7-11-63)

Record by RBA (9-10-61) Source of data FILES Date 2-20-62 Map Scale 1:24000 Sheet 1955

State Texas 48 County (or town) Harris 101

Latitude: 29 49 09 N Longitude: 095 20 03 Sequential number: 1

Lat-long accuracy: 1 T. S, R. E, Sec.

Local well number: LJT-65-14-403 Other number: NORTHEAST #6 B & H

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) Irr, (I) Ind, (M) Mnd, (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, (E) 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.: 1947 -- Annual A Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 11-17-49 I Pumpage inventory: yes / no, period:

Aperture cards: yes

Log data: E-LOG U-20 0-2815 E

DRILLED TO 2815' & PLUGGED BACK TO APPROX. 1825'

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1,833 ft 1839 Meas. (est) Driller accuracy 3

Depth cased; (first perf.) 1017 ft 1017 Casing type: S; Diam. 24-12¾ in 24

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) grnsal 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: 1949 9 4 9 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 ft above/below LSD. Alt. MP 25'

Alt. LSD: 55' 55 Accuracy: (source) TOPO 5' 3

Water Level 1 hr. SI 164.77 ft above/below MP; Ft above/below LSD Accuracy: REPT. S

Date meas: 11-17-49 N 49 Yield: 2690 gpm 2690 Method determined

Drawdown: 71 ft 81 Accuracy: USGS meas. W Pumping period 96 hrs 96

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chlorides ppm Hard. ppm

Sp. Conduct K x 10^6 Temp. °F Date sampled

Tastes, color, etc.

96 345.6
164.77
180.83

Well No. LJT-65-14-403

Well No. LJ-65-14-403

Latitude-longitude 29 d 49 m 09 s N 095 d 20 m 03 s W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD [1] [19]

Physiographic Province: COASTAL PLAINS [0 3] [20 21]

Section: [22]

Drainage Basin: [5 1 R] [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: 419 ft [4 1 9] [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: 1017-1058, 1061-1103, 1106-1148, 1169-1199, 1249-1274, 1276-1316

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]

CASING:

624' of 24"

1409 of 12 3/4"

(530' - 1839')

SCREENS:

1319 3h 1355

1358 2h 1398

1448 12 1460

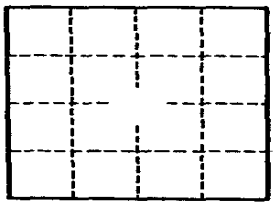
1463 3h 1494

1539 2h 1553

1668 5h 1698

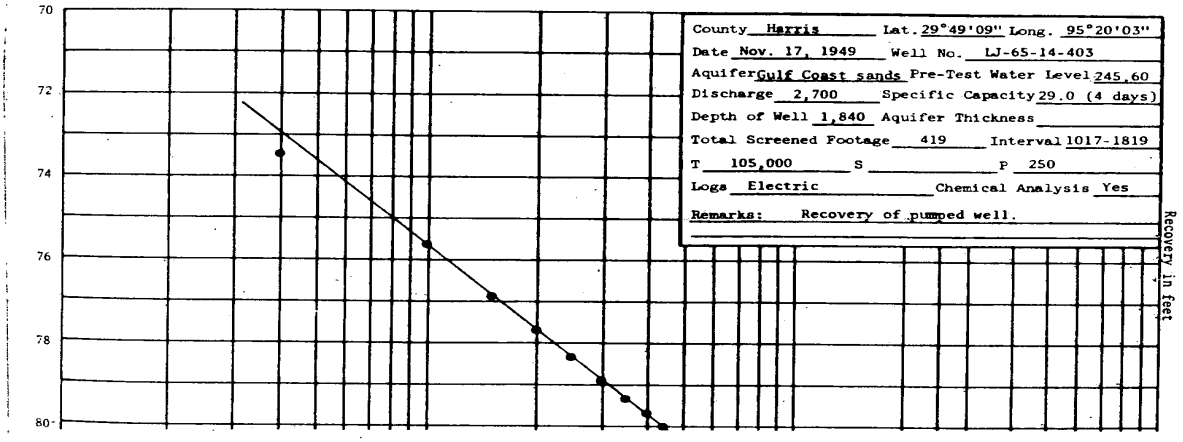
1789 3h 1819

.030 gal. slww



Well No. LJ-65-14-403

GPO 857-700


70
72
74
76
78
80
County Harris Lat. 29°49'09" Long. 95°20'03"
Date Nov. 17, 1949 Well No. LJ-65-14-403
Aquifer Gulf Coast sands Pre-Test Water Level 245.60
Discharge 2,700 Specific Capacity 29.0 (4 days)
Depth of Well 1,840 Aquifer Thickness
Total Screened Footage 419 Interval 1017-1819
T 105,000 S P 250
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet

MAP ID# 220 **Distance from Property: 3.64 mi. NNE**

PWSID:	**1010013**
SOURCE ID:	**G1010013AK**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**12/00/1949**
SCREEN BOTTOM:	**1,698.00'**
SCREEN TOP:	**1,058.00'**
GALLONS PER MINUTE:	**2,200**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.334136960**
LATITUDE:	**29.819156650**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 220 **Distance from Property: 3.64 mi. NNE**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294909095200301**
STATION NAME: **LJ-65-14-403**
SITE TYPE: **GW**
LATITUDE: **29.819220000** LONGITUDE: **-95.334060000**
DATE DRILLED: **01/01/1949**
WELL DEPTH: **1839 feet**
HOLE DEPTH: **2815 feet**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 220 **Distance from Property: 3.64 mi. NNE**

WELL ID:	**1087**
OWNERS NAME:	
YEAR DRILLED:	**1949**
DEPTH DRILLED:	**1839'**
STATIC LEVEL:	**999'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.334090000**
LATITUDE:	**29.819248000**
SOURCE:	**HGSD**

WATER UTILITY DATABASE (WUD)

MAP ID# 221 **Distance from Property: 3.64 mi. SW**

PWSID:	**1010013**
SOURCE ID:	**G1010013HW**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1962**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.382225040**
LATITUDE:	**29.722221370**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

MAP ID# 222 **Distance from Property: 3.65 mi. SW**

PWSID:	**1010013**
SOURCE ID:	**G1010013HQ**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1917**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.383888240**
LATITUDE:	**29.723054890**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

MAP ID# 223 **Distance from Property: 3.66 mi. SSE**

STATE ID:	**65-22-131**
OWNER'S NAME:	**DIXON PACKING CO.**
DATE DRILLED:	**NOT REPORTED**
DEPTH DRILLED:	**900'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.336010000**
LATITUDE:	**29.716320000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522131/6522131.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 131 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 43 02 Longitude - 95 20 05 Source of Coords - 2

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

Owner - Dixon Packing Co. Driller - Pomeroy Drlg. Co.

Address _____ Tenant/Oper. _____
Date Drilled - / / Depth - 900 ft. Source of Depth - Altitude - 41 ft. Source of Alt. -
Aquifer - 121EVGL EVANGELINE AQUIFER Well Type - W User -

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

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- N Logs- Other Data-

WATER LEVELS Date- 10/00/1963 Measurement- -247.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- 02/20/2003

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB Report 178

| 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 22 131

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 224 **Distance from Property: 3.67 mi. NNE**

ID NUMBER:	**TX181958**
STATE ID :	**65-14-4B**
OWNER NAME:	**PAUL S WAHLBERG**
DATE DRILLED:	**03/20/1978**
DEPTH DRILLED:	**197'**
STATIC LEVEL:	**NO PUMP'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.329573000**
LATITUDE:	**29.818327000**

1 PAGE(S) OF DRILLERS' LOGS

4B Deep

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

State of Texas

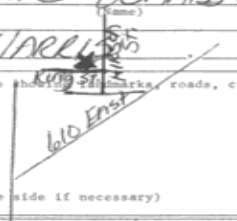
WATER WELL REPORT

For TWDB use only
Well No. 6-57-48
Located on map
Received: 7-07

1) OWNER:
Person having well drilled Paul S. Wahlberg (Name) Address 4717 King St. (Street or RFD) Hou. (City) Tx. (State)
Landowner Paul S. Wahlberg (Name) Address 4717 King St. (Street or RFD) Hou. (City) Tx. (State)

2) LOCATION OF WELL:
County Harris 5 miles in N.E. (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): ~~Bored~~ Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 1/2 in. Depth drilled 185 ft. Depth of completed well 197 ft. Date drilled 3/20/78
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil
3	35	Red & Gray Clay
35	67	Red Clay
67	82	Gray Clay
82	124	Blue Clay
124	152	Fine & Coarse White Sand
152	173	Gray Clay
173	197	Coarse Sand

(Use reverse side if necessary)

9) Casing:
Type: Old ~~New~~ Steel ~~Plastic~~ Other
Cemented from 75 ft. to 185 ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4	0	185	40

Screen:
Type Plastic
Perforated ~~Slotted~~

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2 1/2	185	197	12

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

8) WATER LEVEL:
Static level No pump ft. above/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? Fresh depth of strata 24 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 Bobby Potter (Type or Print) Water Well Drillers Registration No. 884
ADDRESS 5717 Chippewa (Street or RFD) Hou. (City) Tx. (State)
(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.

rwoat-wd-9

181958

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 225 **Distance from Property: 3.67 mi. SE**

STATE ID:	**65-22-207**
OWNER'S NAME:	**HOUSTON GOLF CLUB #2**
DATE DRILLED:	**03/00/1934**
DEPTH DRILLED:	**899'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.305216000**
LATITUDE:	**29.732162000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522207/6522207.pdf**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 225 **Distance from Property: 3.67 mi. SE**

STATE ID:	**65-22-214**
OWNER'S NAME:	**HOUSTON GOLF CLUB**
DATE DRILLED:	**NOT REPORTED**
DEPTH DRILLED:	**697'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.305218000**
LATITUDE:	**29.732160000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522214/6522214.pdf**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 225 **Distance from Property: 3.67 mi. SE**

STATE ID:	**65-22-206**
OWNER'S NAME:	**HOUSTON GOLF CLUB**
DATE DRILLED:	**06/09/1939**
DEPTH DRILLED:	**1131'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.305220000**
LATITUDE:	**29.732160000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522206/6522206.pdf**

MAP ID# 226 **Distance from Property: 3.68 mi. WNW**

TRACK #: **257822**
DATE ENTERED: **2011-06-24**
OWNER NAME: **DARA CHILDS**
OWNER ADDRESS: **6210 HURST**
HOUSTON, TX 77008
COUNTY: **HARRIS**
LATITUDE: **29.797222000** LONGITUDE: **-95.402778000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=257822&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2006-02-24**
DRILLING DATE (COMPLETED): **2006-02-24**
DEPTH DRILLED: **100'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
TEST WELL
COMPANY INFORMATION:
COMPANY NAME: **WELLCO DRILLING & SERVICE COMPANY**
COMPANY ADDRESS: **5423 LOTUS STREET**
HOUSTON, TX 77085

MAP ID# 227 **Distance from Property: 3.69 mi. WNW**

STATE ID:	**65-13-910**
OWNER'S NAME:	**FIDELITY CHEM. CORP.**
DATE DRILLED:	**00/00/1917**
DEPTH DRILLED:	**465'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.409180000**
LATITUDE:	**29.786340000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513910/6513910.pdf**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 228 **Distance from Property: 3.69 mi. S**

ID NUMBER:	**TX205390**
STATE ID :	**65-22-1F**
OWNER NAME:	**T & L DRILLING**
DATE DRILLED:	**01/06/1983**
DEPTH DRILLED:	**361'**
STATIC LEVEL:	**180'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.358957000**
LATITUDE:	**29.714667000**

1 PAGE(S) OF DRILLERS' LOGS

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. 65-22-1F
Located on map YES
Received: C.F.S.

1) OWNER T & L Drilling (Name) Address P. O. Box 1889 (Street or RFD) Conroe (City) TX (State) 77305 (Zip)

2) LOCATION OF WELL: County Harris 5 miles in NE (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 _____

RE; Dussen Park #1

XX See attached map. mapon 65-29-3X

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

4) PROPOSED USE (Check): ☐ Domestic XXX 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 1-6-83

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	361

From (ft.)	To (ft.)	Description and color of formation material
0	3	top soil
3	15	clay
15	37	sand
37	149	clay
149	210	sand
210	238	clay
238	284	sand
284	343	clay
343	361	sand

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	PVC	0	340	40
2½	N	Everflo	341	361	20
2½	N	PVC Liner	331	341	80

CEMENTING DATA
Cemented from 20 sacks ft. to _____ ft.
Method used pressure
Cemented by O'Day Drilling Co., Inc. (Company or Individual)

RECEIVED
JUN - 8 1983
DEPT. OF WATER RESOURCES

9) WATER LEVEL:
Static level 180 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
XX Other airline
Depth to pump bowls, cylinder, jet, etc., 330 ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer XXX Jetted ☐ Estimated
Yield: 60 gpm with _____ ft. drawdown after _____ hrs.

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

(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 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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

MAP ID# 229 **Distance from Property: 3.71 mi. N**

PWSID:	**1010013**
SOURCE ID:	**G1010013MX**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**05/00/1945**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.348052980**
LATITUDE:	**29.821945190**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

MAP ID# 229 **Distance from Property: 3.71 mi. N**

STATE ID:	**65-14-410**
OWNER'S NAME:	**CITY OF HOUSTON HUNTINGTON**
DATE DRILLED:	**05/00/1945**
DEPTH DRILLED:	**1100'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.348570000**
LATITUDE:	**29.822210000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514410/6514410.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 410 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 49 19 Longitude - 95 20 53 Source of Coords - 3

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

Owner - City of Houston
Huntington

Driller - McMasters & Pomeroy

Address _____ Tenant/Oper. _____
Date Drilled - 05/ /1945 Depth - 1,100 ft. Source of Depth - D Altitude - 62 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 14 410

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 230 **Distance from Property: 3.71 mi. N**

STATE ID:	**65-14-413**
OWNER'S NAME:	**KOPPERS COMPANY, INC.**
DATE DRILLED:	**NOT REPORTED**
DEPTH DRILLED:	**666'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.354110000**
LATITUDE:	**29.822170000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514413/6514413.pdf**

WRD Exp. (GW)
April 1966

Well No. L [illegible] 65-14-413

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by _____ Source of data _____ Date 9-10-67 Map 1955 Houston 1:250,000

State Texas 48 County (or town) Harris 101

Latitude: 29 49 18 N Longitude: 095 21 13 Sequential number: 1

Lat-long accuracy: 1 T. _____ S, R _____ W, Sec _____, _____ k, _____ k, _____ k _____

Local well number: L J 65 14 413 Other number: 656 B & H Well J

Local use: _____ Owner of name: Koppers Co. Inc

Owner or name: KOPPERS CO. INC. Address: Houston, Tex.

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) Mod, (N) Ind, (P) P S, (R) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (S) Other _____ X

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Exs, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (S) Destroyed U

DATA AVAILABLE: Well data B Freq. W/L meas.: 1931 - - - Semiannually S Field aquifer char. _____

Hyd. lab. data: drop MIS 9-73

Qual. water data; type: _____

Freq. sampling: 1-28-1942 Ø Pumpage inventory: yes no, period: _____

Aperture cards: _____ yes _____

Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 666 ft 6666 Meas. (est) reptd accuracy _____

Depth cased; (first perf.) 622 ft 6222 Casing type: S ; Diam. 8-6 in 8

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, (V) 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: Before 1931 Pump intake setting: _____ ft

Driller: [illegible] Pasadena, Tex

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.) (M) multiple, (curb.) (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (X) other N Deep Shallow _____

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; nat H.P. N LP _____ Trans. of water no. _____

Descrip. MP Top of 1" pipe +1.0 ft above LSD, Alt. MP 6.5

Alt. LSD: +5 64 Accuracy: (source) Topo 5' 3

Water Level 252.54 ft above below MP; Ft above below LSD 252 Accuracy: Meas 4

Date meas: 2-9-67 267 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. L [illegible] 65-14-413

Well No. [illegible]

Latitude-longitude [illegible]

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD | Physiographic Province: Coastal Plain 03 | Section: Western

F | Drainage Basin: 51R | Subbasin:

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (W) hilltop, (K) sink, (L) swamp, (B) offshore, (P) pediment, (H) hillside, (T) terrace, (U) undulating, (V) valley flat

MAJOR AQUIFER: system . series T aquifer, formation, group E

Lithology: Origin: Aquifer Thickness: ft

Length of well open to: 44 ft Depth to top of: 44 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: 622-666'

Depth to consolidated rock: ft Source of data:

Depth to basement: ft Source of data:

Surficial material: Infiltration characteristics:

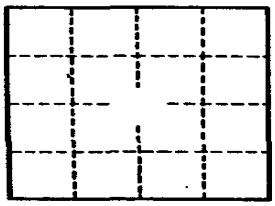
Coefficient Trans: gpd/ft Coefficient Storage:

Coefficient Perm: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards:

C59

622' of 8" 0-622' formerly Texas Creosoting Co. #1.

44' of 6" 622-666'



Well No. [illegible]

GPO 857-700

MAP ID# 230 **Distance from Property: 3.71 mi. N**

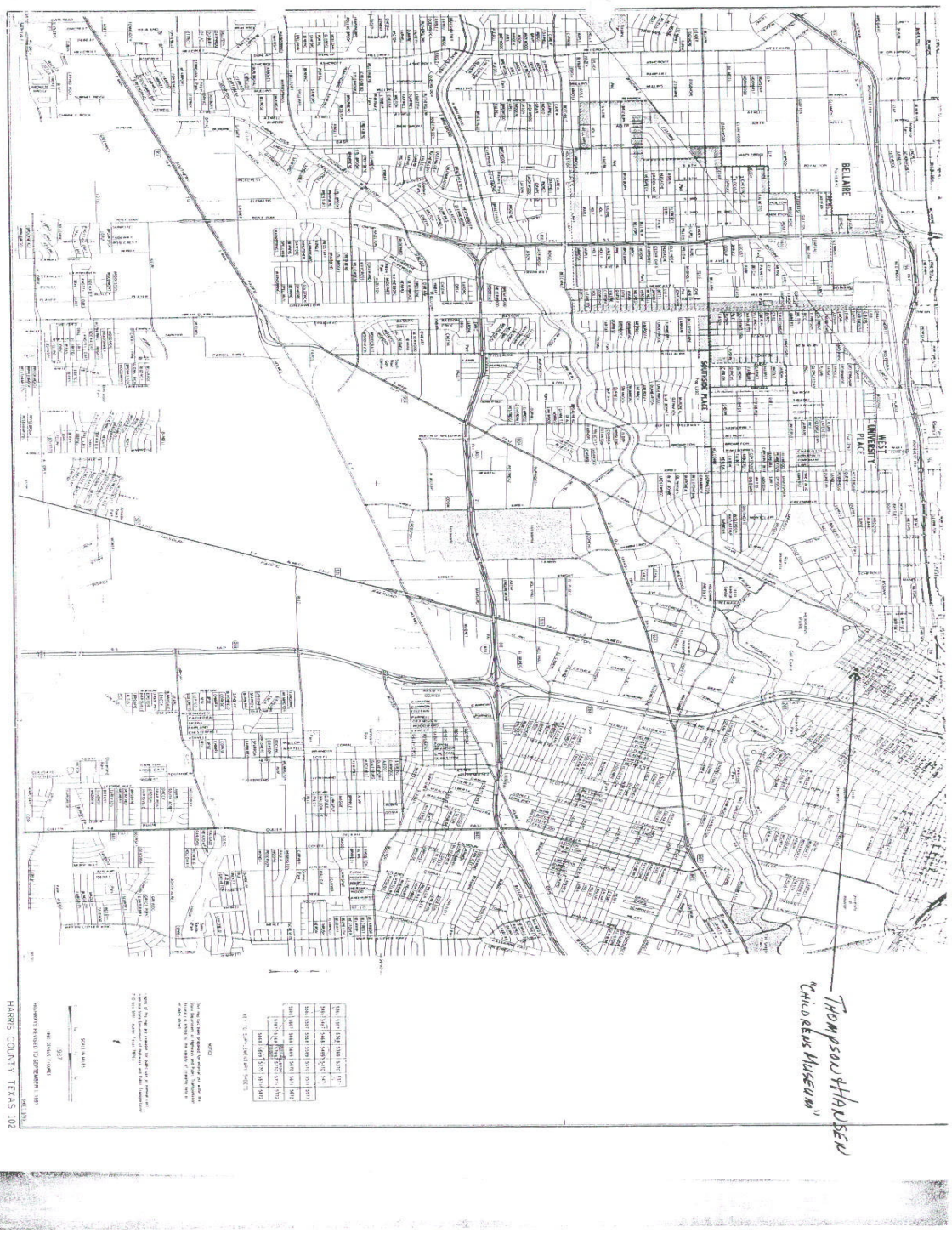
STATE ID:	**65-14-414**
OWNER'S NAME:	**KOPPERS COMPANY, INC.**
DATE DRILLED:	**00/00/1946**
DEPTH DRILLED:	**661'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.354120000**
LATITUDE:	**29.822190000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514414/6514414.pdf**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 231 **Distance from Property: 3.73 mi. SW**

ID NUMBER:	**TX170136**
STATE ID :	**65-21-3**
OWNER NAME:	**THOMPSON & HANSON**
DATE DRILLED:	**08/18/1992**
DEPTH DRILLED:	**400'**
STATIC LEVEL:	**218'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.385176000**
LATITUDE:	**29.722490000**

2 PAGE(S) OF DRILLERS' LOGS


BELLAIRE
SOUTHSIDE PLACE
WEST UNIVERSITY PLACE
THOMPSON & HANSEN
"CHILDREN'S MUSEUM"
HARRIS COUNTY TEXAS 102

T+H

STATE OF TEXAS WATER WELL REPORT

1) OWNER: THOMPSON & HANSON ADDRESS: 2719 JOANEL CITY: HOUSTON STATE: TX ZIP: 77027-

2) LOCATION OF WELL: County: HARRIS miles in S 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: 00615

DIAMETER OF HOLE

DIAMETER	FROM	TO
9.00	0	380
4.875	380	400

7) BOREHOLE METHOD:

TWO STRING/X-PACKER

IF GRAVEL... FROM FT. TO FT.

FROM FT. TO FT.

DATE DRILLED: 08/18/92

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	370	380	LINER
3.0	N	STAINLESS - ROD BASE	380	400	.008

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	FILL SOIL
3	20	CLAY-WHITE CLAY-BROWN
20	28	SAND-TAN-.006-.008
28	56	BROKEN SAND & CLAY
56	59	ROCK
59	70	SAND-TAN-.006-.008
70	205	CLAY-RED
205	220	SAND-TAN-FINE
220	261	CLAY-RED
261	282	SAND-WHITE-.006-.008 SAND-WHITE-.010-.012
282	356	CLAY-RED
356	364	BROKEN SAND & CLAY
364	400	SAND-WHITE-.006-.008 SAND-WHITE-.010-.012

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 : 218 FT. DATE: 08/20/92

ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

13) TYPE PUMP:

SUBMERSIBLE

DEPTH TO PUMP: 337

14) WELL TEST:

JETTED

YIELD: 100 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) John A. Pyburn (LICENSED WATER WELL DRILLER)

(signed) (REGISTERED DRILLER TRAINEE)

170136

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 231 **Distance from Property: 3.73 mi. SW**

WELL ID:	**7410**
OWNERS NAME:	**CHILDREN'S MUSEUM OF HOUSTON, THE**
YEAR DRILLED:	**1991**
DEPTH DRILLED:	**NOT REPORTED**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.385176000**
LATITUDE:	**29.722490000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 232 **Distance from Property: 3.73 mi. SSW**

ID NUMBER:	**TX206022**
STATE ID :	**65-21-3D**
OWNER NAME:	**C.E. SWEIVEN**
DATE DRILLED:	**04/01/1965**
DEPTH DRILLED:	**197'**
STATIC LEVEL:	**98'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.379382000**
LATITUDE:	**29.719526000**

1 PAGE(S) OF DRILLERS' LOGS

65-21-3D

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. 65-21-3d
Located on map
By KW Date 4/6/65
Map no. 12Z(2)

1) Well Owner: C. E. Sweiven P. O. Bx. 36409, Houston, Texas 77036
(Name, 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

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

Well Located at Bissonett St. & Southwest Freeway, Houston, Tex.

North 1

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 4/1/65

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	40	Surface & Red & White Clay			
40	42	Brocken Rock			
42	65	Red Sand & Calechi Breaks			
65	92	Hard Red Clay			
92	104	White Clay			
104	128	Red Clay			
128	149	White Clay			
149	176	Sand Powder, Shale Breaks			(Use continuation sheets if necessary)
176	197	Sand, Good			

COMPLETION DATA

COMPLETION
Straight wall X
Under reamed ☐
Gravel packed ☐
Open hole ☐
Other

CASING
Type: Old ☐ New X
Cemented from 0 ft.
to 177 ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
4"	0	177

SCREEN
Type LOP Stainless
Perforated ☐ Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (ft)
2½"	177	197

I hereby certify that this well was drilled by 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 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 98' 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., 150 ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company:

C-34 (62-4)

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 233 **Distance from Property: 3.73 mi. WSW**

WELL ID:	**2732**
OWNERS NAME:	
YEAR DRILLED:	**1939**
DEPTH DRILLED:	**526'**
STATIC LEVEL:	**400'**
WATER USAGE:	**DOMESTIC/COMMERCIAL**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.402761000**
LATITUDE:	**29.737459000**
SOURCE:	**HGSD**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 234 **Distance from Property: 3.73 mi. W**

WELL ID:	**12739**
OWNERS NAME:	
YEAR DRILLED:	**Not Reported**
DEPTH DRILLED:	**550'**
STATIC LEVEL:	**530'**
WATER USAGE:	
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.412829000**
LATITUDE:	**29.760382000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 235 **Distance from Property: 3.74 mi. NW**

ID NUMBER:	**TX181646**
STATE ID :	**N/A**
OWNER NAME:	**HEIGHTS SAVINGS ASSOCIATION**
DATE DRILLED:	**09/19/1961**
DEPTH DRILLED:	**286'**
STATIC LEVEL:	**138'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.399610000**
LATITUDE:	**29.802670000**

1 PAGE(S) OF DRILLERS' LOGS

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 ND
By Date
Map no.

1) Well Owner: Heights Savings Association 20th St. & Yale Houston, Texas
(Name, Street or RFD, City, State)

2) Land Owner: Heights Savings Association
(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
(NE, SW, etc.)
from
(Town)

1

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 9/19/~~62~~ 61

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 Clay	180	207	Shale Sandy
26	28	Sand Streaks	207	225	Sand Fine & Broken
28	33	Soft Shale Sandy	225	256	Shale Light Sand Streaks
33	49	Sand Loose Fine Red	256	265	Sand Loose Shale Broken
49	80	Red Clay	265	286	Sand Good 14 gauge
80	111	Sand Fine & Broken Shale			
111	140	Sand Top Loose ~~Shx~~ good			
140	180	Sand very good			(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION

Straight wall ☐
Under reamed ☒
Gravel packed ☐
Open hole ☐
Other

CASING

Type: Old ☐ New ☒
Cemented from 268 ft.
to surface ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
4"	0	268

SCREEN

Type LOP Stainless
Perforated ☐ Slotted ☒

Diameter (inches)	Setting from (ft)	Setting to (ft)
2½	284	272

I hereby certify that this well was drilled by 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) 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 138'
ft. below

Pumping level

feet	hours	gpm

Pump type Myers Submersible
Designed pumping rate gpm ☐ gph ☐
Type power unit Electric
Horsepower ½ H.P.
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)

TX6502211

181646

MAP ID# 235 **Distance from Property: 3.74 mi. NW**

STATE ID:	**65-13-623**
OWNER'S NAME:	**HEIGHTS SAVINGS ASSOC.**
DATE DRILLED:	**00/00/1961**
DEPTH DRILLED:	**286'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.399610000**
LATITUDE:	**29.802670000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513623/6513623.pdf**

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** **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 -** 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

Wednesday, February 01, 2006 **Well Number -** 6513623

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 236 **Distance from Property: 3.74 mi. SSE**

STATE ID:	**65-22-133**
OWNER'S NAME:	**PORT CITY STOCK YARDS**
DATE DRILLED:	**07/17/1968**
DEPTH DRILLED:	**622'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.335860000**
LATITUDE:	**29.715040000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522133/6522133.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 133 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 42 55 Longitude - 95 20 10 Source of Coords - 1

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

Owner - Port City Stock Yards Driller - B J Swinehart

Address _____ Tenant/Oper. _____

Date Drilled - 07/17/1968 Depth - 622 ft. Source of Depth - D Altitude - 35 ft. Source of Alt. - M
Well Type - W User -

Aquifer - 112CHCTL CHICOT AQUIFER,LOWER

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

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- 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 -

| 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 22 133

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 237 **Distance from Property: 3.75 mi. ENE**

WELL ID:	**2596**
OWNERS NAME:	**ALLIED FENCE CORPORATION**
YEAR DRILLED:	**1963**
DEPTH DRILLED:	**230'**
STATIC LEVEL:	**210'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.301038000**
LATITUDE:	**29.801548000**
SOURCE:	**HGSD**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 237 **Distance from Property: 3.75 mi. ENE**

WELL ID:	**2595**
OWNERS NAME:	**ALLIED FENCE CORPORATION**
YEAR DRILLED:	**1960**
DEPTH DRILLED:	**228'**
STATIC LEVEL:	**208'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.301039000**
LATITUDE:	**29.801547000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 238 **Distance from Property: 3.76 mi. W**

ID NUMBER:	**TX182201**
STATE ID :	**65-13-9**
OWNER NAME:	**HOSSEIN TABRIZI**
DATE DRILLED:	**11/14/1989**
DEPTH DRILLED:	**489'**
STATIC LEVEL:	**260'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.413132000**
LATITUDE:	**29.759485000**

1 PAGE(S) OF DRILLERS' LOGS

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 RDTARY

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

G265-13-9 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	DEPTH
SEAL	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 O'Day (signed)

G5-13-9

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 238 **Distance from Property: 3.76 mi. W**

ID NUMBER:	**TX182200**
STATE ID :	**65-13-9**
OWNER NAME:	**HOSSEIN TABRIZI**
DATE DRILLED:	**01/23/1990**
DEPTH DRILLED:	**500'**
STATIC LEVEL:	**250'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.413132000**
LATITUDE:	**29.759485000**

2 PAGE(S) OF DRILLERS' LOGS

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:
7) BOREHOLE METHOD: STRAIGHT WALL
DIAMETER OF HOLE
DIAMETER FROM TO
6.5 0 500
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

H-1

10) SURFACE COMPLETION:
DITHER

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

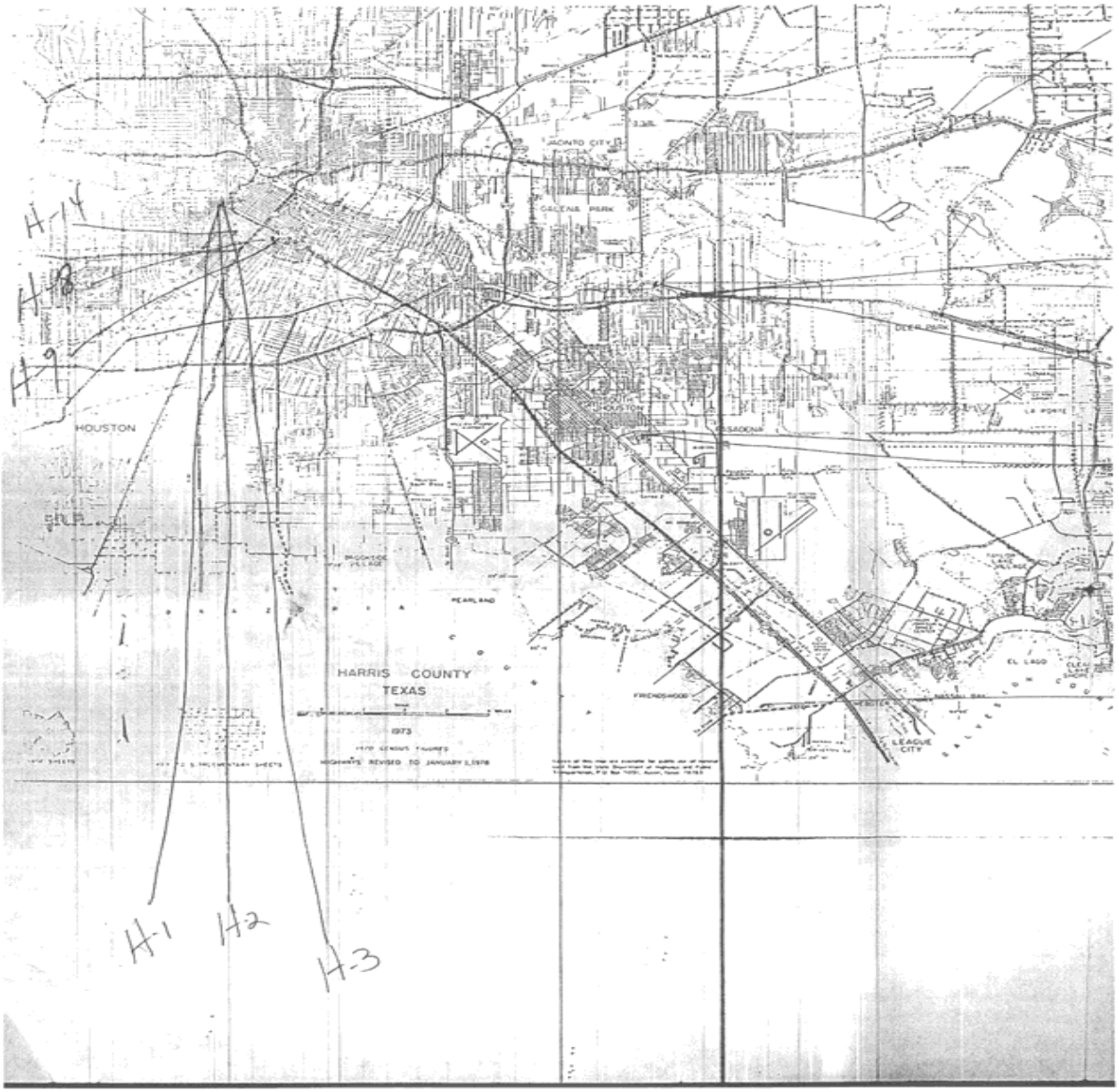
NO CHEMICAL ANALYSIS MADE

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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


H-4
H-8
H-9
HOUSTON
PEARLAND
HARRIS COUNTY
TEXAS
1973
H-1
H-2
H-3

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 239 **Distance from Property: 3.77 mi. SE**

WELL ID:	**4478**
OWNERS NAME:	**HOUSTON, CITY OF**
YEAR DRILLED:	**Not Reported**
DEPTH DRILLED:	**NOT REPORTED**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.307222000**
LATITUDE:	**29.728333000**
SOURCE:	**HGSD**

MAP ID# 240 **Distance from Property: 3.77 mi. NE**

STATE ID:	**65-14-521**
OWNER'S NAME:	**HERRIN TRANSPORTATION CO.**
DATE DRILLED:	**02/00/1968**
DEPTH DRILLED:	**503'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.311810000**
LATITUDE:	**29.811530000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514521/6514521.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514521 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** **Latitude** 294847 **Longitude** 951842 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Herrin Transportation Co.

Driller
Lowry Water Wells

Address _____ **Tenant/Oper.** _____

Date Drilled 02/36/1968 **Depth** 503 **Source of Depth** L **Altitude** 50 **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 -** 5.0

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

WATER USE **Primary -** DOMESTIC **Secondary -** **Tertiary -**

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

WATER LEVELS

Recorded By _____ **Date Record Collected or Updated -**

Reporting Agency 02

REMARKS -

Aquifer - 112CHCTL **ID -** 15
CHICOT AQUIFER,LOWER

Friday, June 08, 2007

Well Number - 6514521

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 241 **Distance from Property: 3.80 mi. SW**

WELL ID:	**2869**
OWNERS NAME:	**PARKLANE PLAZA INTERESTS**
YEAR DRILLED:	**1939**
DEPTH DRILLED:	**490'**
STATIC LEVEL:	**450'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.383535000**
LATITUDE:	**29.720449000**
SOURCE:	**HGSD**

WATER UTILITY DATABASE (WUD)

MAP ID# 242 **Distance from Property: 3.80 mi. SW**

PWSID:	**1010013**
SOURCE ID:	**G1010013HS**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1919**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.388336180**
LATITUDE:	**29.723054890**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 243 **Distance from Property: 3.80 mi. SW**

WELL ID:	**1672**
OWNERS NAME:	**WYNDHAM WARWICK ASSOCIATES**
YEAR DRILLED:	**1962**
DEPTH DRILLED:	**900'**
STATIC LEVEL:	**318'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.390100000**
LATITUDE:	**29.724260000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 243 **Distance from Property: 3.80 mi. SW**

STATE ID:	**65-21-331**
OWNER'S NAME:	**WARWICK HOTEL**
DATE DRILLED:	**12/00/1962**
DEPTH DRILLED:	**900'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.390099000**
LATITUDE:	**29.724260000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521331/6521331.pdf**

LJ 65-21-331

April 1966

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

BOB WOEST 1:24000

MASTER CARD

Record by G.W. BONNET Source of data D-RECORD Date 9-22-75 Map BELLAIRE 1967

State TEXAS 48 County (or town) HARRIS LJ

Latitude: V 29 43 25 N (deg, min, sec) Longitude: V 095 23 20 (degrees, min, sec) Sequential number: 1

Lat-long accuracy: T. ____ N S, R ____ E W, Sec ____, ____ ¼, ____ ¼, ____ ¼ B & M

Local well number: LJ-65-21-331 Other number: ____

Local use: ____ Owner or name: WARWICK HOTEL

Owner or name: WARWICK HOTEL Address: HOUSTON

Ownership: (C) County, (F) Fed Gov't, (M) (N) City, 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) Ind, (N) (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 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.: ____ Φ 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: 900 ft 1900 Meas. Est. accuracy ____ — 5

Depth cased; (first perf.) 605 ft 605 Casing type: S ; Diam. 10-6 in 10

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) open end, (P) perf., screen, sd. pt., (S) shored, (T) 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: 12-8-62 9 6 2 Pump intake setting: 350 (62) ft 350

Driller: POMEROY DRILLING CO. (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 ____

Power (type): diesel, (elec) nat gas, gasoline, hand, LP gas, wind; H.P. 60 Trans. or meter no. ____

Descrip. MP ____ ft above below LSD, Alt. MP ____

Alt. LSD: 50 V 5 D Accuracy (source): TOPO 5' — 5

Water Level 226 ft above below MP; Ft above below LSD 2 2 6 Accuracy: Rough — D

Date meas: 12-1962 D 6 2 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 65-21-331

Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: (20–21) 01 Section:

(22) E 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, (♦) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat (27)

MAJOR AQUIFER: system, series (28–29) Evangeline aquifer, formation, group (30–31) E

Lithology: (32–33) Origin: (34) Aquifer Thickness: ft

(35–37) Length of well open to: 120 ✓ ft (38–40) 120 Depth to top of: ft (41–43)

MINOR AQUIFER: system, series (44–45) Lower Chicot aquifer, formation, group (46–47) CL

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)

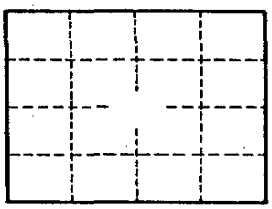
Depth to basement: ft (65–68) Source of data: (69)

Surficial material: (70–71) Infiltration characteristics: (72)

Coefficient Trans: gpd/ft (73–75) Coefficient Storage: (76–78)

Coefficient Perm: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards: (79)

* 605 - 625 20
689 - 709 20
732 - 772 40
836 - 854 18
874 - 896 22
120



Well No.

605'-10" csg. cemented

GPO 857–700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 243 **Distance from Property: 3.80 mi. SW**

STATE ID:	**65-21-318**
OWNER'S NAME:	**WARWICK HOTEL**
DATE DRILLED:	**00/00/1932**
DEPTH DRILLED:	**579'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.390100000**
LATITUDE:	**29.724260000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521318/6521318.pdf**

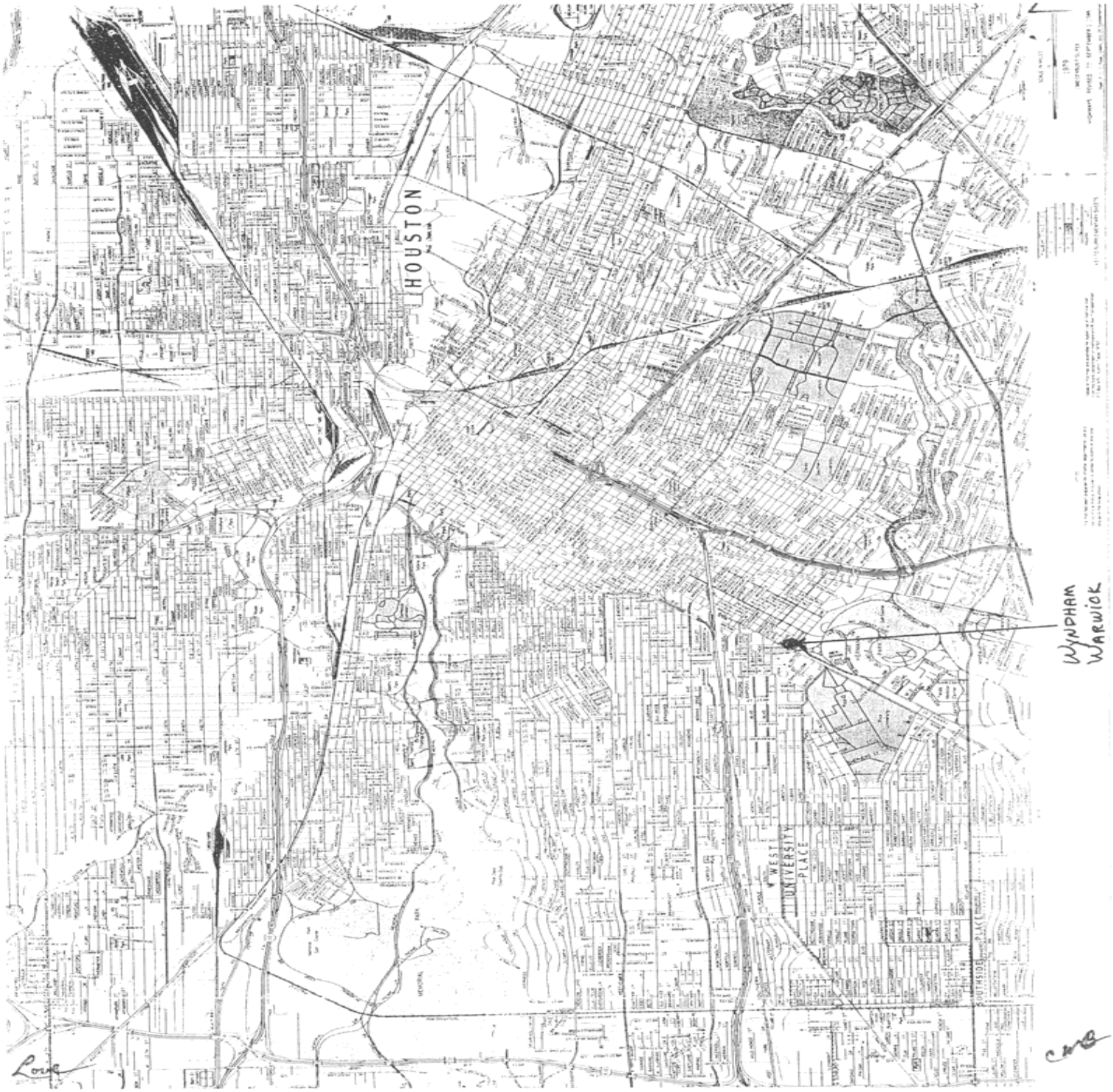
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 243 **Distance from Property: 3.80 mi. SW**

ID NUMBER:	**TX206005**
STATE ID :	**65-21-3**
OWNER NAME:	**THE WYNDHAM WARWICK**
DATE DRILLED:	**06/23/1992**
DEPTH DRILLED:	**420'**
STATIC LEVEL:	**210'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.390108000**
LATITUDE:	**29.724263000**

3 PAGE(S) OF DRILLERS' LOGS

Water Well ID: 206005



OWNER: THE WYNDHAM WARWICK ADDRESS: 5701 MAIN STREET CITY: HOUSTON STATE: TX ZIP:

401 420 SHALE

Love

CWB

1) OWNER: THE WYNDHAM WARWICK ADDRESS: 5701 MAIN STREET CITY: HOUSTON STATE: TX ZIP:
2) LOCATION OF WELL: County: HARRIS miles in S direction from HOUSTON

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: PUBLIC SUPPLY 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00551 DIAMETER OF HOLE 7) BOREHOLE METHOD:

DIAMETER	FROM	TO
16.75	0	64
10.0	0	350
4.75	350	420

TWO STRING/B.P. SEAL IF GRAVEL... FROM FT. TO FT. FROM FT. TO FT.

DATE DRILLED: 06/23/92

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

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
10.0	N	STEEL, NEW, BLACK	0	64	CASING
5.0	N	STEEL, NEW, BLACK	0	41	SCH.80
5.0	N	STEEL, NEW, BLACK	41	350	SCH.40
3.0	N	STEEL, NEW, GALV.	344	351	LINER
3.0	N	STAINLESS - ROD BASE	351	401	.006
3.0	N	STEEL, NEW, BLACK	401	420	S.T.N.

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	1	CONCRETE
1	12	FILL
12	35	CLAY-BROWN
35	62	SAND-RED-FINE SAND-TAN-.006-.008
62	64	CLAY-RED
64	75	SAND-TAN-.006-.008
75	168	CLAY-BLUE CLAY-RED
168	172	BROKEN SAND & CLAY
172	186	SAND-TAN-.006-.008
186	240	CLAY-BROWN
240	246	SAND-TAN-.006-.008
246	270	CLAY-BLUE
270	278	SAND-WHITE-.006-.008
278	344	CLAY-RED SHALE
344	401	SAND-WHITE-.006-.008

RECEIVED
SEP 11 1992
TEXAS WATER COMMISSION

9) CEMENTING DATA:
Cemented from 0 FT. TO 64 FT.
0 FT. TO 350 FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS

10) SURFACE COMPLETION:
SURFACE SLAB INST.

11) WATER LEVEL:
STATIC LEVEL : 210 FT. DATE: 07/02/92
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 317

14) WELL TEST:
JETTED
YIELD: 100+ GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 420 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 15 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) John A. Pyburn (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

Cove 65 21 3 CWB X

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 243 **Distance from Property: 3.80 mi. SW**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294327095232201**
STATION NAME: **LJ-65-21-333**
SITE TYPE: **GW**
LATITUDE: **29.724260000** LONGITUDE: **-95.390100000**
DATE DRILLED: **06/23/1992**
WELL DEPTH: **420 feet**
HOLE DEPTH: **420 feet**
LOCAL AQUIFER: **CHICOT AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 243 **Distance from Property: 3.80 mi. SW**

WELL ID:	**5290**
OWNERS NAME:	**ZAZA FOUNTAINS, LP**
YEAR DRILLED:	**1992**
DEPTH DRILLED:	**420'**
STATIC LEVEL:	**351'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.390100000**
LATITUDE:	**29.724260000**
SOURCE:	**HGSD**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 244 **Distance from Property: 3.81 mi. NNW**

WELL ID:	**2348**
OWNERS NAME:	**SOUTHERN STAR CONCRETE, INC.**
YEAR DRILLED:	**1974**
DEPTH DRILLED:	**548'**
STATIC LEVEL:	**508'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.372196000**
LATITUDE:	**29.820514000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 244 **Distance from Property: 3.81 mi. NNW**

STATE ID:	**65-14-419**
OWNER'S NAME:	**LONE STAR CEMENT CO.**
DATE DRILLED:	**00/00/1967**
DEPTH DRILLED:	**465'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.372196000**
LATITUDE:	**29.820514000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514419/6514419.pdf**

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 - _____
Completion - _____
Casing Material - _____
Screen Material - _____

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.

| 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 14 419

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 244 **Distance from Property: 3.81 mi. NNW**

ID NUMBER:	**TX208286**
STATE ID :	**65-14-2M**
OWNER NAME:	**LONE STAR INDUSTRIES**
DATE DRILLED:	**10/24/1974**
DEPTH DRILLED:	**548'**
STATIC LEVEL:	**257'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.372196000**
LATITUDE:	**29.820514000**

2 PAGE(S) OF DRILLERS' LOGS

2)LOCATION OF WELL:

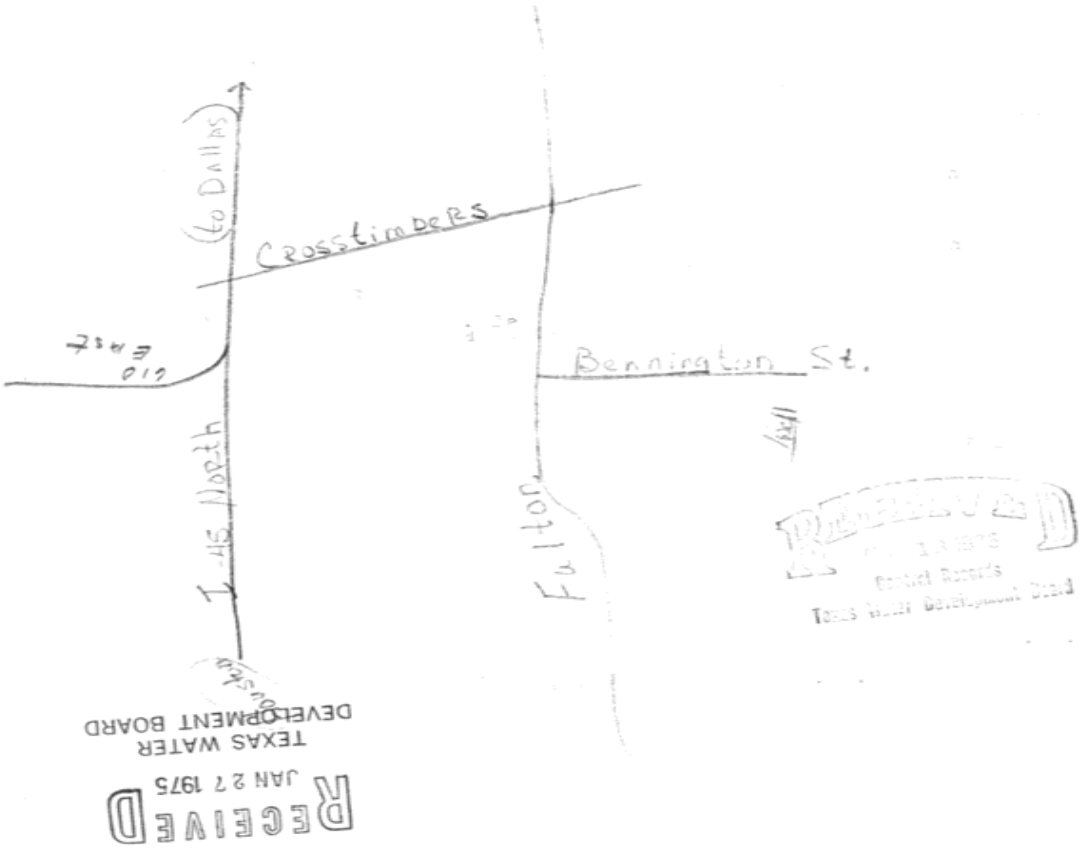
The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

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 & Sand
288	312	Sand & small rock
312	336	Clay & rock
336	360	Sand & clay
360	384	Sand & rodk
384	408	Clay & Sand
408	432	Broken Sand
432	456	Broken Sand
456	480	Sand & Clay
480	504	Sand & Rock
504	528	Sand *
528	548	Clay



nd original copy by
rtified mail to the
xas Water Development Board
. O. Box 13087
stin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-14-2m
Located on map yes
Received: 25 4
2d

1) OWNER:
Person having well drilled Lone Star Industries (Name) Address Bennington St. 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 6 in. Depth drilled 548 ft. Depth of completed well 548 ft. Date drilled 10-24-74

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
48	72	Clay & Shell
72	96	Clay & Loose Sand
96	120	Sand & Shell
120	144	Clay And Sand
144	168	Sand & Clay
168	192	Sand & Gravel
192	216	Sand & Gravel
216	240	Sand & Gravel
240	264	Sand & Clay

(Use reverse side if necessary) (Over)

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

8) WATER LEVEL:
Static level 257 ft. below land surface Date 10-24-74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 420 ft.
below land surface.

9) Casing:
Type: Old New Steel Plastic X Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage

10) SCREEN:
Type Stainless steel rod base
Perforated XX Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
#12 guage	528	548	
4" galv.	503	528	
15' of 4" Blank	488	503	

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 8727; 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.

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

MAP ID# 244 **Distance from Property: 3.81 mi. NNW**

TRACK #: **23463**
DATE ENTERED: **2003-07-29**
OWNER NAME: **HANSON CONCRETE**
OWNER ADDRESS: **3600 SOUTH GESSNER SUTIE 160**
HOUSTON, TX 77063
COUNTY: **HARRIS**
LATITUDE: **29.820833000** LONGITUDE: **-95.371944000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=23463&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2003-07-16**
DRILLING DATE (COMPLETED): **2003-07-18**
DEPTH DRILLED: **504'**

WATER LEVEL:
STATIC LEVEL: **220'**
WATER LEVEL DATE: **2003-07-18**
TYPE OF WATER: **DESIRABLE**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
INDUSTRIAL
COMPANY INFORMATION:
COMPANY NAME: **WEISINGER WATER WELL, INC.**
COMPANY ADDRESS: **2200 EAST DAVIS**
CONROE, TX 77301

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 244 **Distance from Property: 3.81 mi. NNW**

WELL ID:	**9533**
OWNERS NAME:	**SOUTHERN STAR CONCRETE, INC.**
YEAR DRILLED:	**2003**
DEPTH DRILLED:	**500'**
STATIC LEVEL:	**480'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.372196000**
LATITUDE:	**29.820514000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 245 **Distance from Property: 3.81 mi. SSW**

ID NUMBER:	**TX199540**
STATE ID :	**65-22-1**
OWNER NAME:	**JMG BUILDERS**
DATE DRILLED:	**04/13/2001**
DEPTH DRILLED:	**545'**
STATIC LEVEL:	**210'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.369097000**
LATITUDE:	**29.714783000**

1 PAGE(S) OF DRILLERS' LOGS

65-22-1

TTENTION OWNER: Confidentiality
rivilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

) OWNER: JMG BUILDERS, LTD ADDRESS: 2700 POST OAK BLVD. #2450 CITY: HOUSTON STATE: TX ZIP: 77056-

) ADDRESS OF WELL:
County: HARRIS GRID # 65-22-01
Street or RFD: 5500 SAMPSON (PROSPECT PARTNERS, LTD) SAVOY APARTMENTS
City, State, Zip code: HOUSTON , TX 77004-

5)

) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION
If Public Supply well, were plans submitted to the TNRCC?

) WELL LOG: 00496

ATE DRILLING:
STARTED: 04/09/01
COMPLETED: 04/13/01

DIAMETER OF HOLE

DIAMETER	FROM	TO
7.75	-0-	523
4.75	523	545

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	523	SDR-17
2.5	N	PVC BLANK PIPE	515	523	SCH 80
2.5	N	STAINLESS ROD BASE	523	543	8 GA
2.5	N	NIP W/BACKWASH VALVE	543	545	SCH 80

EOLOGICAL DESCRIPTION:

ROM	TO	DESCRIPTION
0	40	BLACK TOPSOIL, WHITE CLAY SAND
40	80	SAND ROCK SAND,CLAY BREAK,SAND ROCK CLAY
80	134	RED CLAY GRAY CLAY, RED CLAY SAND
134	180	GRAY CLAY, RED CLAY TAN CLAY, GRAY CLAY, RED CLAY
180	220	SAND
220	260	SAND,CLAY BREAK,SAND CLAY, SAND, CLAY CLAY
260	290	CLAY SAND SAND
290	340	CLAY BREAK, SAND, CLAY CLAY
340	395	SAND,CLAY BREAK,SAND CLAY SAND
395	426	SHALE, SAND SHALE,
426	450	SAND
450	480	CLAY CLAY SAND
480	524	SHALE,
524	545	SAND SAND SAND

9) CEMENTING DATA:

Cemented from	No. of Sacks Used
523 FT. TO 248 FT.	11
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:
NONE TO INSTALL

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 210 FT. DATE: 04/13/01
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
FORMATIOM PACKER	20
BP-SEAL	515

3) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 340

14) WELL TEST:
JETTED
YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

5) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 20 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

MPANY NAME: GEOPHYSICAL DRILLING,INC. WATER WELL DRILLER'S LICENSE NO.: 2888 WI
DDRESS: P.O. BOX 664 CITY: FULSHEAR STATE: TX ZIP CODE: 77441

FOR TWC USE ONLY
WELL NO.
LOCATED ON MAP
EMP #
JUN 0 6 2001

HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN
E TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE
G(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

signed) Greg D. Hill (LICENSED WATER WELL DRILLER)

(signed) Travis Otto (REGISTERED DRILLER TRAINEE)

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 245 **Distance from Property: 3.81 mi. SSW**

WELL ID:	**8594**
OWNERS NAME:	**USA SAVOY LEASCO, LLC**
YEAR DRILLED:	**2001**
DEPTH DRILLED:	**475'**
STATIC LEVEL:	**450'**
WATER USAGE:	**OTHER**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.369097000**
LATITUDE:	**29.714783000**
SOURCE:	**HGSD**

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 246 **Distance from Property: 3.85 mi. SW**

TRACK #: **214937**
DATE ENTERED: **2010-05-04**
OWNER NAME: **BOHNN, ANNE**
OWNER ADDRESS: **#8 WAVERLY COURT**
HOUSTON, TX 77005
COUNTY: **HARRIS**
LATITUDE: **29.731111000** LONGITUDE: **-95.399167000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=214937&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2010-02-17**
DRILLING DATE (COMPLETED): **2010-02-19**
DEPTH DRILLED: **370'**

WATER LEVEL:
STATIC LEVEL: **182'**
WATER LEVEL DATE: **2010-02-19**
TYPE OF WATER: **NOT TESTED**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
IRRIGATION

COMPANY INFORMATION:
COMPANY NAME: **ALMEDA WATER WELL SERVICE**
COMPANY ADDRESS: **PO BOX 266**
MANVEL, TX 77578

WATER UTILITY DATABASE (WUD)

MAP ID# 247 **Distance from Property: 3.86 mi. SW**

PWSID:	**1010013**
SOURCE ID:	**G1010013HR**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1919**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.389999390**
LATITUDE:	**29.723054890**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 247 **Distance from Property: 3.86 mi. SW**

PWSID:	**1010013**
SOURCE ID:	**G1010013HP**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**03/00/1917**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.389999390**
LATITUDE:	**29.723054890**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 248 **Distance from Property: 3.86 mi. SW**

ID NUMBER:	**TX205404**
STATE ID :	**65-22-4**
OWNER NAME:	**WINDI PHILLIPS**
DATE DRILLED:	**09/29/1997**
DEPTH DRILLED:	**522'**
STATIC LEVEL:	**200'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.395388000**
LATITUDE:	**29.727027000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified return receipt requested ma TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-308

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 WINDI PHILLIPS (Name) ADDRESS 1310 SOUTH BLVD. (Street or RFD) HOUSTON (City) TX. (State) 77006 (Zip)

2) ADDRESS OF WELL: County HARRIS 1310 SOUTH BLVD. (Street, RFD or other) HOUSTON (City) TX. (State) 77006 (Zip) GRID # 65-22-4

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 9-25 19 97 Completed 9-29 19 97

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
7-7/8	Surface	514
4-1/2	514	522

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

N

From (ft.)	To (ft.)	Description and color of formation material
0	30	CLAY
30	80	SAND
80	140	RED CLAY - SHALE
140	240	SAND
240	320	SHALE + RED CLAY
320	460	SAND
460	480	CLAY
480	522	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
5"	N	PVC CASING	514	0	SDR 17
2 1/2"	N	PVC SCREEN	522	514	.012
2 1/2"	N	PVC LINER	536	512	SCH 40
2 1/2"	N	PVC SCREEN	546	536	.006
2 1/2"	N	PVC LINER	512	490	SCH 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 514 ft. to 214 ft. No. of sacks used 30
0 ft. to 15 ft. No. of sacks used 15
Method used HALLIBURTON
Cemented by ROBINSON WATER WELL SERVICE, INC.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance N/A

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 9-29-97
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., 299 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. (Street or RFD) HOUSTON (City) TX. (State) 77086 (Zip)

(Signed) Rob Robinson B.J. (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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 249 **Distance from Property: 3.87 mi. SW**

ID NUMBER:	**TX199513**
STATE ID :	**65-21-3**
OWNER NAME:	**DENNIS WRIGHT**
DATE DRILLED:	**10/29/1997**
DEPTH DRILLED:	**395'**
STATIC LEVEL:	**197'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.394077000**
LATITUDE:	**29.725883000**

1 PAGE(S) OF DRILLERS' LOGS

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 DENNIS Wright+ (Name) ADDRESS 1029 WEST 21ST St. (Street or RFD) Houston (City) TX (State) 77008 (Zip)

2) ADDRESS OF WELL: County HARRIS #1 Shadow Lawn Circle (Street, RFD or other) Houston (City) TX (State) (Zip) GRID # 6S-21-3

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 10-27 1997 Completed 10-29 1997

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	375
3 7/8	375	395

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	365	UNCONSOLIDATED
365	395	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
4	N	PVC	0	375	
2	N	GALVANIZED	364	385	
2	N	PVC SCREEN	385	395	.014

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 15 ft. No. of sacks used 8
325 ft. to 375 ft. No. of sacks used 3
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 197 ft. below land surface Date 10-29-97
Artesian flow _____ gpm. Date _____

12) PACKERS:

FILE ID	Type	Depth	SEQ #
	K-PACKER	364	4

EMP # FER 04 1998 DESC CD
CONTRACT WG

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: 65 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) 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)

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 250 **Distance from Property: 3.87 mi. E**

STATE ID:	**65-14-905**
OWNER'S NAME:	**HOUSTON BAND MILL**
DATE DRILLED:	**00/00/1950**
DEPTH DRILLED:	**139'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.286440000**
LATITUDE:	**29.774220000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514905/6514905.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514905 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294630 **Longitude** 951711 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Houston Band Mill

Driller
McMasters & Pomeroy

Address _____ **Tenant/Oper.** _____

Date Drilled / /1950 **Depth** 139 **Source of Depth** **Altitude** 44 **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 -** 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 -** INDUSTRIAL **Secondary -** **Tertiary -**

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

WATER LEVELS 1 measurement
1950
-68

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

Reporting Agency 01

REMARKS -
TWDB R178: Reported 15 ft. of screen.
Yield: 100 gpm when drilled.

Aquifer - 112CHCTU **ID -** 15
CHICOT AQUIFER,UPPER

Well Number - 6514905

Wednesday, October 13, 2004

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

WATER UTILITY DATABASE (WUD)

MAP ID# 251 **Distance from Property: 3.87 mi. SW**

PWSID:	**1010013**
SOURCE ID:	**G1010013HT**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1931**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.389167790**
LATITUDE:	**29.722221370**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 252 **Distance from Property: 3.87 mi. SE**

STATE ID:	**65-22-227**
OWNER'S NAME:	**VILLA DE MATEL**
DATE DRILLED:	**02/00/1964**
DEPTH DRILLED:	**438'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.313320000**
LATITUDE:	**29.721970000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522227/6522227.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 227 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 43 22 Longitude - 95 18 49 Source of Coords - 2

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

Owner - Villa de Matel Driller - Lowry Water Wells

Address _____ Tenant/Oper. _____
Date Drilled - 02/ /1964 Depth - 438 ft. Source of Depth - D Altitude - 38 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
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 - 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- / /

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CHCTL
Well No. - 65 22 227

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 253 **Distance from Property: 3.88 mi. WNW**

ID NUMBER:	**TX208722**
STATE ID :	**N/A**
OWNER NAME:	**J.D. PETERS**
DATE DRILLED:	**11/08/1972**
DEPTH DRILLED:	**370'**
STATIC LEVEL:	**92'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.408524000**
LATITUDE:	**29.794405000**

1 PAGE(S) OF DRILLERS' LOGS

end 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 NO
Received:

1) OWNER:
Person having well drilled J. D. Peters (Name) Address 1101 W 13th (Street or RFD) TX (City) Houston (State) 77008

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.*

1101 W 13th. Houston Texas 77008 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 6¼ in. Depth drilled 370 ft. Depth of completed well 370 ft. Date drilled 11/8/72
All measurements made from 4' ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil
3	270	Unconsolidated
270	278	Sand
354	365	Unconsolidated
365	370	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.)	To (ft.)	Gage
4	0	270	30
2	270	354	40

10) SCREEN:
Type SSR
Perforated, Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2	354	365	16

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

8) WATER LEVEL:
Static level 92 ft. below land surface Date 11/9/72
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., 106 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 North Houston Rosslyn (Street or RFD) Houston (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.

WDES-WD-8

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 254 **Distance from Property: 3.88 mi. WNW**

WELL ID:	**3707**
OWNERS NAME:	**HOUSTON, CITY OF**
YEAR DRILLED:	**1988**
DEPTH DRILLED:	**612'**
STATIC LEVEL:	**350'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.406063000**
LATITUDE:	**29.798215000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 254 **Distance from Property: 3.88 mi. WNW**

STATE ID:	**65-13-627**
OWNER'S NAME:	**CITY OF HOUSTON, HEIGHTS, WELL #7A**
DATE DRILLED:	**09/00/1979**
DEPTH DRILLED:	**1465'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.406070000**
LATITUDE:	**29.798210000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513627/6513627.pdf**

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
Well Type - W User - 396200

Aquifer - 121EVGL EVANGELINE AQUIFER

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

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.

| 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 13 627

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

MAP ID# 254 **Distance from Property: 3.88 mi. WNW**

STATE ID:	**65-13-608**
OWNER'S NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1936**
DEPTH DRILLED:	**1458'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.406070000**
LATITUDE:	**29.798230000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513608/6513608.pdf**

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 (CRE) (1935) McAdoo (NAR 1941) Source of data F.I.C Date 2-16-68 Map Houston Heights 1955 1:24000

State Texas 48 County (or town) Harris LJ

Latitude: 29 47 52 N (deg min sec) Longitude: 095 24 21 (degrees min sec) Sequential number: 1

Lat-long accuracy: 1 T. ____ S, R ____ W, Sec ____, ____ k, ____ k, ____ k ____

Local well number: LJ-65-13-608 Other number: #7 1412 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) Ind, (I) Irr, (M) Med, (N) P S, (R) Rec, (S) Stock, (T) Unused, (U) Repressure, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) Other abd. 1974 P

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Exs, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Y) 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. (rep) 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., screen, sd. pt., (S) shored, (T) pt., (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: 1936 9 3 6 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) nose, (P) piston, (R) rot, (S) submerg, (T) turb, (X) other T Reop Shallow D

Power (type): diesel, (elec) nat gas, gasoline, hand, gas, wind; LP H.P. 150 W Trans. or meter no.

Descrip. MP ____ ft above below LSD. Alt. MP ____

Alt. LSD: 69 619 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 4 3 7 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 6-20

Well No. LJ-65-13-608

Well No. LJ-65-13-608

Latitude-longitude 29 d 47 m 52 s (W) 095 d 24 m 21 s .1

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1) Physiographic Province: Coastal Plain 03 (20-21) Section: _____

F (22) Drainage Basin: _____ 5111P (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: 591 ft 591 (38-40) Depth to top of: _____ ft (41-43)

MINOR AQUIFER: _____ system, _____ series 0 (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)

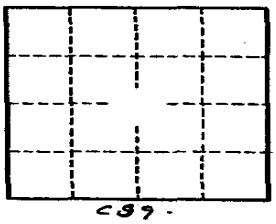
Surficial material: _____ (70-71) Infiltration characteristics: _____ (72)

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



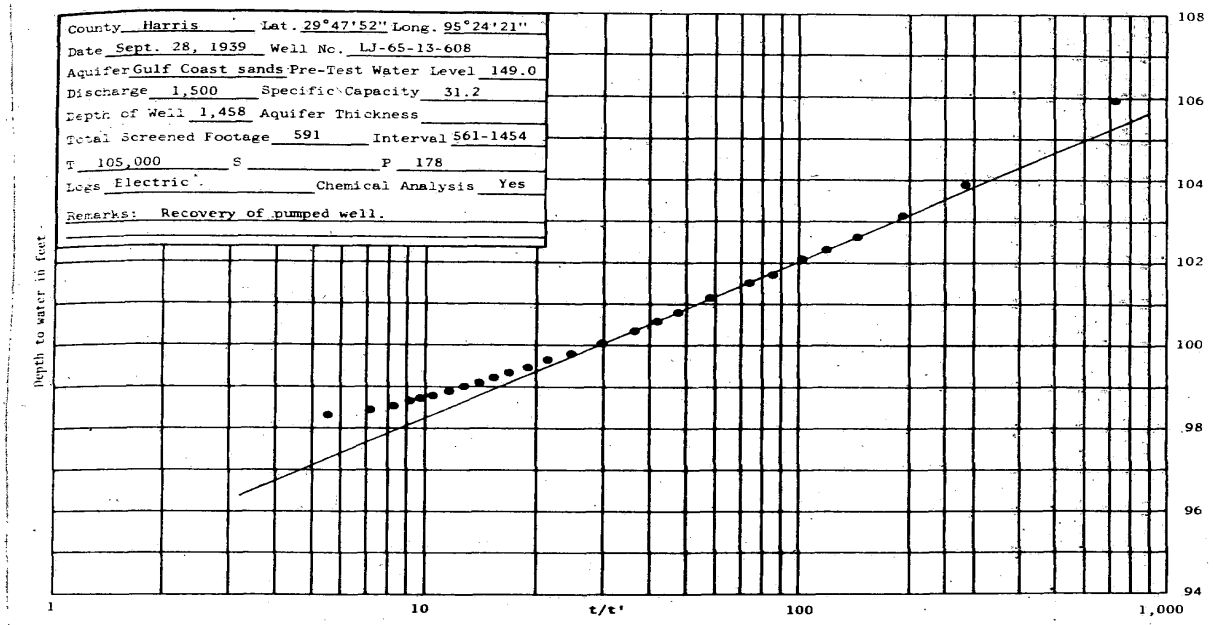
C89.

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

WATER UTILITY DATABASE (WUD)

MAP ID# 254 **Distance from Property: 3.88 mi. WNW**

PWSID:	**1010013**
SOURCE ID:	**G1010013Q**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**09/00/1979**
SCREEN BOTTOM:	**1,450.00'**
SCREEN TOP:	**700.00'**
GALLONS PER MINUTE:	**2,010**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.405929570**
LATITUDE:	**29.798229220**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 254 **Distance from Property: 3.88 mi. WNW**

ID NUMBER:	**TX205359**
STATE ID :	**65-13-6J**
OWNER NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**07/??/1979**
DEPTH DRILLED:	**1465'**
STATIC LEVEL:	**402'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.406092000**
LATITUDE:	**29.798228000**

4 PAGE(S) OF DRILLERS' LOGS

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.

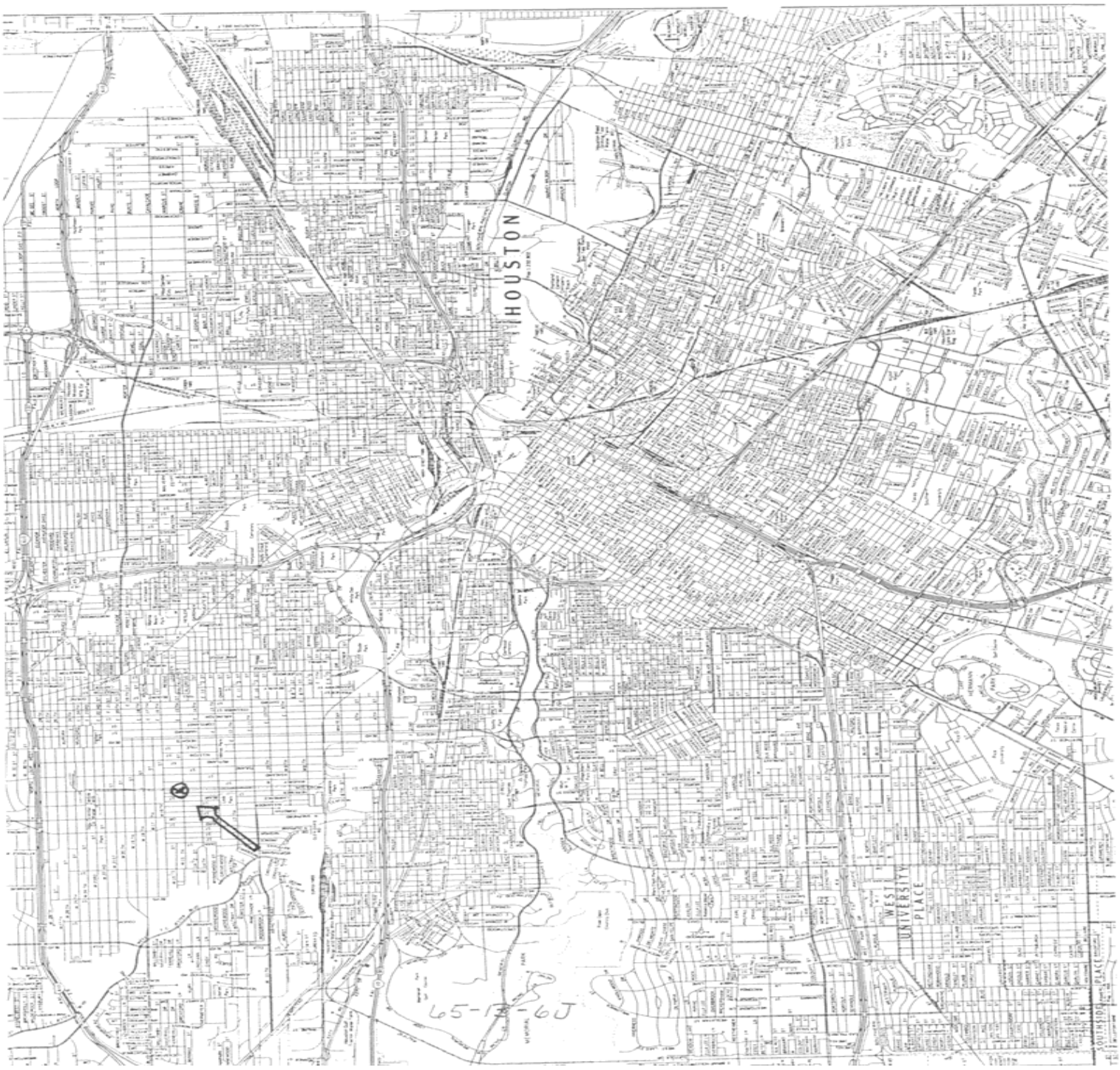
65-13-6 T

DRILLER'S LOG

Job M-761
Layne-Western Company, Inc.
Sept. 1979

City of Houston
Well Number 7
Page 2

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

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. 65-13-608
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

Dia. (in.)	From (ft.)	To (ft.)
30	Surface	695
34	695	1,465

From (ft.)	To (ft.)	Description and color of formation material
		SEE ATTACHED

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☒ Underreamed ☒ Gravel Packed ☐ Other ____
If Gravel Packed give interval . . . from 695 ft. to 1465 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	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.

12) WELL TESTS: ☐ Type Test: ☒ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 2,118 gpm with 468 ft. drawdown after 48 hrs.

(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

I hereby certify that this well was drilled by 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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 254 **Distance from Property: 3.88 mi. WNW**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294752095242102**
STATION NAME: **LJ-65-13-627**
SITE TYPE: **GW**
LATITUDE: **29.798223000** LONGITUDE: **-95.406067000**
DATE DRILLED: **12/01/1979**
WELL DEPTH: **1465 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 254 **Distance from Property: 3.88 mi. WNW**

WELL ID:	**3372**
OWNERS NAME:	
YEAR DRILLED:	**1936**
DEPTH DRILLED:	**1458'**
STATIC LEVEL:	**561'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.406067000**
LATITUDE:	**29.798223000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 255 **Distance from Property: 3.88 mi. SW**

ID NUMBER:	**TX206016**
STATE ID :	**65-21-3**
OWNER NAME:	**PETE MELSHER**
DATE DRILLED:	**10/28/1998**
DEPTH DRILLED:	**405'**
STATIC LEVEL:	**210'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.391900000**
LATITUDE:	**29.723999000**

1 PAGE(S) OF DRILLERS' LOGS

ST. OF TEXAS WATER WELL REPORT

1) OWNER: MELSHER, PETE ADDRESS: #2 REMINGTON CITY: HOUSTON STATE: TX ZIP:
2) LOCATION OF WELL: County: HARRIS 0 miles in SW direction from HOUSTON

LEGAL DESCRIPTION:
Section No.: G-8 Block No.: SW Township: HOUSTON
Abstract No.: REMINGTON Survey Name: CRAIN BUILDERS
Distance and direction from two intersecting section or survey lines: MAIN & REMINGTON

65-21-3

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: DOMESTIC 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 19231 DIAMETER OF HOLE
DIAMETER FROM TO
9.5 0 405
7) BOREHOLE METHOD:
STRAIGHT WALL
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.
DATE DRILLED: 10/28/98

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	TOP SOIL
3	40	CLAY
40	64	SAND
64	67	CALICHE
67	76	CLAY
76	82	SAND
82	140	CLAY
140	146	SAND
146	264	CLAY
264	280	SAND
280	294	CLAY
294	306	SAND
306	349	CLAY
349	360	SAND
360	370	CLAY
370	405	SAND

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

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING SCREEN
5	N	PVC CASING	0	370	SDR17
2.5	N	GALVANIZED LINER	354	375	WW
2.5	N	S/S PIPE BASE SCREEN	375	405	06

9) CEMENTING DATA:
Cemented from 370 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: 10/28/98
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
B P VALVE	354

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: N/A DEPTH OF STRATA: 35 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) (LICENSED WATER WELL DRILLER) (signed) (REGISTERED DRILLER TRAINEE)

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 256 **Distance from Property: 3.88 mi. SW**

ID NUMBER:	**TX205981**
STATE ID :	**65-21-2**
OWNER NAME:	**JOHN FORT**
DATE DRILLED:	**07/30/1998**
DEPTH DRILLED:	**385'**
STATIC LEVEL:	**200'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.396560000**
LATITUDE:	**29.727567000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified return receipt requested ma TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-308

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 John Fort (Name) ADDRESS 1029 West 21st St. Hstn TX 77008 (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL: County Harris 1323 North Boulevard Hstn TX 77006 (Street, RFD or other) (City) (State) (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 7-29 19 98 Completed 7-30 19 98

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	365
3 7/8	365	385

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	350	Unconsolidated
350	385	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
4	N	PVC CASING	0	365	
2.5	N	Galvanized Liner	355	365	
2.5	N	PVC Screen	365	385	.012

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 15 ft. No. of sacks used 8
315 ft. to 365 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)]
☑ 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 7-30-98
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., ____ 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

I hereby certify that this well was drilled by 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 594 (Street or RFD) Tomball (City) TX (State) 77377 (Zip)

(Signed) Craig Bussell (Licensed Well Driller) (Signed) David Young (Registered Driller Trainee)

FILED SEP 1998 COMPLETED DESC BY COMMENT

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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

WATER UTILITY DATABASE (WUD)

MAP ID# 257 **Distance from Property: 3.90 mi. WNW**

PWSID:	**1010013**
SOURCE ID:	**G1010013GY**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1936**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.406669620**
LATITUDE:	**29.797222140**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

MAP ID# 258 **Distance from Property: 3.90 mi. SW**

TRACK #: **544835**
DATE ENTERED: **2020-06-03**
OWNER NAME: **MARK D'ANDREA**
OWNER ADDRESS: **2 1/2 REMINGTON LN**
HOUSTON, TX 77005
COUNTY: **HARRIS**
LATITUDE: **29.724722000** LONGITUDE: **-95.392778000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=544835&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2020-05-20**
DRILLING DATE (COMPLETED): **2020-05-26**
DEPTH DRILLED: **370'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **2020-05-26**
TYPE OF WATER: **GOOD**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
IRRIGATION
COMPANY INFORMATION:
COMPANY NAME: **BALLARD WATER WELL CO. LLC**
COMPANY ADDRESS: **P.O. BOX 970**
WILLIS, TX 77378

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 258 **Distance from Property: 3.90 mi. SW**

WELL ID:	**14275**
OWNERS NAME:	**DR. MARK D'ANDREA**
YEAR DRILLED:	**Not Reported**
DEPTH DRILLED:	**300'**
STATIC LEVEL:	**280'**
WATER USAGE:	
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.392821000**
LATITUDE:	**29.724398000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 259 **Distance from Property: 3.93 mi. SW**

ID NUMBER:	**TX206024**
STATE ID :	**65-21-3J**
OWNER NAME:	**HOUSTON LIGHT & POWER CO**
DATE DRILLED:	**11/08/1973**
DEPTH DRILLED:	**400'**
STATIC LEVEL:	**157'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.395172000**
LATITUDE:	**29.725523000**

1 PAGE(S) OF DRILLERS' LOGS

end original copy by
ertified mail to the
exas Water Development Board
. O. Box 13087
ustin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-31-35
Located on map Yes
Received: 4-4
dc

1) OWNER:
Person having well drilled Houston Light & Power Co. (Name) Address P. O. Box 1700, Houston, TX 77001 (Street or RFD) (City) (State)

Landowner Same (Name) Address Clodine Station, 13000 Blk Bissonet (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 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 0 ft. Depth of completed well 400 ft. Date drilled 11-8-73
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	Yellow Clay
48	72	Yellow Clay
72	96	Sand & Clay
96	120	Rock
120	144	Sand
144	168	Clay
168	192	Clay
192	216	Rock & Sand
216	240	Rock & Sand
240	264	Clay (Over)

(Use reverse side if necessary)

9) Casing:
Type: Old | New X | Steel | Plastic | Other
Cemented from ____ ft. to ____ 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	385	400	
2½	370	385	

7) COMPLETION (Check):
Straight wall X | Gravel packed | Other
Under reamed | Open Hole

8) WATER LEVEL:
Static level 157 ft. below land surface Date 11-8-73
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 8207, Houston, TX 77009 (Street or RFD) (City) (State)

(Signed) X 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.

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 260 **Distance from Property: 3.93 mi. SW**

ID NUMBER:	**TX221215**
STATE ID :	**65-21-3**
OWNER NAME:	**MR HENDERSON**
DATE DRILLED:	**10/09/1986**
DEPTH DRILLED:	**400'**
STATIC LEVEL:	**227'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.393615000**
LATITUDE:	**29.724240000**

1 PAGE(S) OF DRILLERS' LOGS

.9 mi SINK 1.1 mi WIER 101 31

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. Henderson (Name) Address #5 Remmington Ln. (Street or RFD) Hstn. (City) Tx. (State) 77035 (Zip)

2) LOCATION OF WELL: #4 Remmington Ln. (Name) 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. Mapsco 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 Supply

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

6) WELL LOG:
Date Drilling: Started 10-8 1986 Completed 10-9 1986

DIAMETER OF HOLE

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

From (ft.)	To (ft.)	Description and color of formation material
0	35	Top Soil + Clay
35	62	Surface Sand
62	145	Clay
145	150	Sand
150	315	Clay
315	320	Sand
320	340	Clay
340	350	Sand
350	370	Clay & Sand Streaks
370	400	Sand

(Use reverse side if necessary)

RECEIVED DEC 0 1 85 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
4	N	PVC	0	380	
2	N	Galvanized	374	380	
2	N	P.V.C.	380	390	.014
2	N	P.V.C.	390	400	.020

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 10 ft. No. of Sacks Used 2
330 ft. to 380 ft. No. of Sacks Used 5
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 227 ft. below land surface Date 10/9/86
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: 40 gpm with 30 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 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. 65-21-3 Located on map _____

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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 260 **Distance from Property: 3.93 mi. SW**

ID NUMBER:	**TX206018**
STATE ID :	**65-21-3**
OWNER NAME:	**MR HENDERSON**
DATE DRILLED:	**10/01/1986**
DEPTH DRILLED:	**400'**
STATIC LEVEL:	**227'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.393611000**
LATITUDE:	**29.724239000**

1 PAGE(S) OF DRILLERS' LOGS

.9m: SINL
1.1m: WIF

WL #29

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. Henderson (Name) Address # 5 Remmington Ln. (Street or RFD) Htw (City) TX (State) 7005 (Zip)

2) LOCATION OF WELL: # 4 Remmington (Name) 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. 65-16-4 Mapsco

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 9/20 1986 Completed 10/1 1986

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
10 3/4	Surface	400

From (ft.)	To (ft.)	Description and color of formation material
0	35	Top Soil + Clay
35	62	Surface Sand
62	145	Clay
145	150	Sand
150	315	Clay
315	320	Sand
320	340	Clay
340	350	Sand
350	370	Clay + Sand Streaks
370	400	Sand

Injection Well

RECEIVED
DEC 0 1 86

(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	380	
6 5/8	N	GALV.	374	380	
2 1/2	N	PVC	380	390	.016
2 1/2	N	PVC	390	400	.020

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 10 ft. No. of Sacks Used 2
330 ft. to 380 ft. No. of Sacks Used 5
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 227 ft. below land surface Date 10/1/86
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: 15 gpm with 10 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

I hereby certify that this well was drilled by 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 Trainee)

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

For TWC use only. Well No. 65-21-3 Located on map ____

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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 261 **Distance from Property: 3.94 mi. WSW**

WELL ID:	**1798**
OWNERS NAME:	**ADMIRAL LINEN & UNIFORM SERVICE**
YEAR DRILLED:	**1963**
DEPTH DRILLED:	**650'**
STATIC LEVEL:	**486'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.408870000**
LATITUDE:	**29.740374000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 261 **Distance from Property: 3.94 mi. WSW**

STATE ID:	**65-21-332**
OWNER'S NAME:	**ADMIRAL LINEN SERVICE**
DATE DRILLED:	**00/00/1984**
DEPTH DRILLED:	**660'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.408868000**
LATITUDE:	**29.740377000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521332/6521332.pdf**

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

Completion Screen

Casing Material Steel

Screen Material Steel

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

Tuesday, August 29, 2006

Well Number - 6521332

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 261 **Distance from Property: 3.94 mi. WSW**

STATE ID:	**65-21-326**
OWNER'S NAME:	**ADMIRAL LINEN CO.**
DATE DRILLED:	**00/00/1964**
DEPTH DRILLED:	**648'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.408868000**
LATITUDE:	**29.740375000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521326/6521326.pdf**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 261 **Distance from Property: 3.94 mi. WSW**

ID NUMBER:	**TX205914**
STATE ID :	**65-21-8S**
OWNER NAME:	**ADMIRAL LINEN SERVICE**
DATE DRILLED:	**01/21/1984**
DEPTH DRILLED:	**660'**
STATIC LEVEL:	**280'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.408870000**
LATITUDE:	**29.740377000**

1 PAGE(S) OF DRILLERS' LOGS

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 Admiral Linen Service (Name) Address 2030 Kipling (Street or RFD) Houston, Tx. (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 0 miles in Houston (N.E., S.W., etc.) xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx (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. 65-30-266

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 1/21/84

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
11	Surface	485
7 7/8	485	660

From (ft.)	To (ft.)	Description and color of formation material
0	3	Fill
3	12	Clay
12	77	Sand
77	339	Clay
339	353	Sand
353	382	Clay
382	395	Sand
395	406	Clay
406	418	Sand
418	425	Clay
425	438	Sand
438	454	Clay
454	472	.008 Sand
472	476	Clay
476	510	.012 Sand*
510	530	Clay
530	562	.011 Sand *
562	620	Clay
620	660	.011 Sand *

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
8 5/8	N	Steel	0	485	WW
6 5/8	N	Blank	467	489	WW
7	N	Stainless Steel	489	509	WW
6 5/8	N	Blank	509	535	WW
7	N	Stainless Steel	535	555	WW
5 5/8	N	Blank	555	630	WW
7	N	Stainless Steel	630	650	WW
5 5/8	N	Blank	650	660	WW

CEMENTING DATA
Cemented from 485 ft. to Surface ft.
Method used Haliburton Method
Cemented by O'DAY DRILLING CO., INC. (Company or Individual)

9) WATER LEVEL:
Static level 280 ft. below land surface Date 1/21/84
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP:
☐ Turbine ☐ Jet XX Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 440 ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer XX Jetted ☐ Estimated
Yield: 300 gpm with _____ ft. drawdown after _____ hrs.

RECEIVED
AUG 16 1984
DEPT. OF
WATER RESOURCES

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. 786

ADDRESS P. O. BOX 162 (Street or RFD) Pearland, Tx. 77588 (City) (State) (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. 65-21-85 Located on map 4E0MM

TDWR-0392 (Rev. 5-27-82) DEPARTMENT OF WATER RESOURCES COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 261 **Distance from Property: 3.94 mi. WSW**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294422095243202**
STATION NAME: **LJ-65-21-332**
SITE TYPE: **GW**
LATITUDE: **29.740374000** LONGITUDE: **-95.408868000**
DATE DRILLED: **01/21/1984**
WELL DEPTH: **660 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **CHICOT AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 261 **Distance from Property: 3.94 mi. WSW**

WELL ID:	**3964**
OWNERS NAME:	**ADMIRAL LINEN & UNIFORM SERVICE**
YEAR DRILLED:	**1990**
DEPTH DRILLED:	**650'**
STATIC LEVEL:	**486'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.408870000**
LATITUDE:	**29.740377000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 262 **Distance from Property: 3.95 mi. NE**

STATE ID:	**65-14-515**
OWNER'S NAME:	**PETERBUILT TRUCK CO.**
DATE DRILLED:	**00/00/1964**
DEPTH DRILLED:	**327'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.309480000**
LATITUDE:	**29.813120000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514515/6514515.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514515 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** **Latitude** 294847 **Longitude** 951832 **Source of Coords** 1

Owner's Well No. _____ **Location** _____

Owner
Peterbuilt Truck Co.

Driller
B J Swinehart

Address _____ **Tenant/Oper.** _____

Date Drilled / /1964 **Depth** 327 **Source of Depth** D **Altitude** 50 **Source of Alt.** M

Well Type W **User**

WELL CONSTRUCTION

Const-Method

Completion

Casing Material

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 -** N **Quality -** N **Logs -** **Other Data -**

WATER LEVELS

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency 02

REMARKS -

Aquifer - 112CHCTL **ID -** 15
CHICOT AQUIFER,LOWER

Friday, June 08, 2007

Well Number - 6514515

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 263 **Distance from Property: 3.95 mi. W**

ID NUMBER:	**TX187798**
STATE ID :	**65-13-9**
OWNER NAME:	**LANIER YATES**
DATE DRILLED:	**07/26/2002**
DEPTH DRILLED:	**401'**
STATIC LEVEL:	**215'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.415585000**
LATITUDE:	**29.755585000**

1 PAGE(S) OF DRILLERS' LOGS

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: YATES, LANIER ADDRESS: 2454 RINE 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 -

3) TYPE OF WORK: NEW WELL

4) PROPOSED USE: DOMESTIC
If Public Supply well, were plans submitted to the TNRCC?

5)

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.

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

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 336

14) WELL TEST:
JETTED
YIELD: 30 GPM WITH FT DRAWDOWN AFTER HRS

RECEIVED
MAIL ROOM
AUG 26 2002

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.: 1877,4111,4888
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) (LICENSED WATER WELL DRILLER) (signed) (REGISTERED DRILLER TRAINEE)

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 264 **Distance from Property: 3.96 mi. SW**

ID NUMBER:	**TX206019**
STATE ID :	**65-21-3**
OWNER NAME:	**MR HENDERSON**
DATE DRILLED:	**10/10/1986**
DEPTH DRILLED:	**400'**
STATIC LEVEL:	**227'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.393233000**
LATITUDE:	**29.723514000**

1 PAGE(S) OF DRILLERS' LOGS

32

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. Henderson (Name) Address 45 Remmington (Street or RFD) Hstn (City) TX (State) 77005 (Zip)

2) LOCATION OF WELL # 4 Remmington 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. Meyer 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 Supply

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

6) WELL LOG:
Date Drilling: Started 10-9 1986 Completed 10-10 1986

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6¾	Surface	400

From (ft.)	To (ft.)	Description and color of formation material
0	35	Top Soil & Clay
35	62	Surface Sand
62	145	Clay
145	150	Sand
150	315	Clay
315	320	Sand
320	340	Clay
340	350	Sand
350	370	Clay & Sand Streaks
370	400	Sand

RECEIVED DEC 01 86 Texas Water Commission

(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	380	
2	N	Galvanized	374	380	
2	N	PVC	380	390	.014
2	N	PVC	390	400	.020

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 10 ft. No. of Sacks Used 2
330 ft. to 380 ft. No. of Sacks Used 5
Method used Halliburton
Cemented by Russell & 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 227 ft. below land surface Date 10/10/86
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: 40 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

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 Russell & 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 Russell (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. 65-21-3
Located on map ____

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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 265 **Distance from Property: 3.97 mi. NE**

STATE ID:	**65-14-516**
OWNER'S NAME:	**TEXAS OILFIELD EQUIP. CO.**
DATE DRILLED:	**04/03/1965**
DEPTH DRILLED:	**329'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.308000000**
LATITUDE:	**29.812450000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514516/6514516.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514516 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** **Latitude** 294845 **Longitude** 951825 **Source of Coords** 1

Owner's Well No. _____ **Location** _____

Owner
Texas Oilfield Equip. Co.

Driller
Lowry Water Wells

Address _____ **Tenant/Oper.** _____

Date Drilled 04/03/1965 **Depth** 329 **Source of Depth** D **Altitude** 50 **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 -** 5.0

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

WATER USE **Primary -** DOMESTIC **Secondary -** **Tertiary -**

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

WATER LEVELS

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency 02

REMARKS -

Aquifer - 112CHCTL **ID -** 15
CHICOT AQUIFER,LOWER

Friday, June 08, 2007

Well Number - 6514516

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 266 **Distance from Property: 3.97 mi. ENE**

STATE ID:	**65-14-913**
OWNER'S NAME:	**OLIN MATHIESON CHEM. CO.**
DATE DRILLED:	**00/00/1939**
DEPTH DRILLED:	**373'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.289070000**
LATITUDE:	**29.789590000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514913/6514913.pdf**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 267 **Distance from Property: 3.97 mi. ENE**

STATE ID:	**65-14-904**
OWNER'S NAME:	**HYDRILL OIL TOOL**
DATE DRILLED:	**00/00/1943**
DEPTH DRILLED:	**403'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.287240000**
LATITUDE:	**29.785130000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514904/6514904.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514904 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294706 **Longitude** 951711 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Hydrill Oil Tool

Driller
Layne Texas Co.

Address _____ **Tenant/Oper.** _____

Date Drilled / /1943 **Depth** 403 **Source of Depth** **Altitude** 44 **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 -** IRRIGATION **Secondary -** **Tertiary -**

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

WATER LEVELS 1 measurement
1950
-73

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

Reporting Agency 01

REMARKS -
TWDB R178: Screen from 361 to 381 ft.

Aquifer - 112CHCTL **ID -** 15
CHICOT
AQUIFER,LOWER

Well Number - 6514904

Wednesday, October 13, 2004

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 268 **Distance from Property: 3.98 mi. ESE**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294413095173801**
STATION NAME: **LJ-65-22-230**
SITE TYPE: **GW**
LATITUDE: **29.737242000** LONGITUDE: **-95.294359000**
DATE DRILLED: **05/06/1974**
WELL DEPTH: **62 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **NOT REPORTED**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 268 **Distance from Property: 3.98 mi. ESE**

STATE ID:	**65-22-230**
OWNER'S NAME:	**NOT REPORTED**
DATE DRILLED:	**NOT REPORTED**
DEPTH DRILLED:	**62'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.294360000**
LATITUDE:	**29.737240000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522230/6522230.pdf**

4 5 - gravel wl - 75 bot.

FORM 9-1642B (DEC 68)

Well # LJ-65-22-230

WELL SCHEDULE (FIRST STATE 0-0 at 7440 E Ave E)

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

1:24000

Record by C. Loskot | Source of data Obser | Date 5-6-74 | Map Park Place, 1967

State TEXAS [49] | County (or town) HARRIS [LJ]

95 17 30 / 95 17 38

Latitude: 29 44 13 N | Longitude: 095 17 38 | Sequential number: 1

Lat-long accuracy: | T. S. R W. Sec . k. k. k | B & M

Local well number: LJ-65-22-230 | Other number:

1 43 / 2942 30 / 2943 73 / 2944-13

Local use: | Owner or name: USGS

Owner or name: USGS | Address: Houston

Ownership: (C) County, (F) Fed Gov't, (M) City, Corp or Co, (N) Private, (P) State Agency, (S) Water Dist [F]

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 Rec, (Φ) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [Φ]

DATA AVAILABLE: Well data | Freq. W/L meas.: monthly [M] | Field aquifer char.

Hyd. lab. data: new MIS 8-74

Qual. water data; type:

Freq. sampling: USGS | Pumpage inventory: yes / no, period:

Aperture cards: yes

Log data: Drillers Log

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD | Depth well: 62 ft | 62 | Meas. rept accuracy

Depth cased; (first perf.) 45 ft | 45 | Casing type: PLASTIC ; Diam. 2 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) open end, (P) perf, screen, sd. pt., (S) shored, (T) open hole, (X) other [F]

Method Drilled: (A) air rot, (B) bored, cable, (C) dug, (D) hyd rot., (H) jetted, (J) air percussion, (P) reverse rotary, (R) trenching, (T) driven, (V) drive wash, (W) other [B]

Date Drilled: 5-6-74 | 974 | Pump intake setting: ft

Driller: U.S.G.S. | Hydrologic Equip

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, submerg, (S) turb, (T) other [N] Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. none | Trans. or meter no.

15.00 / 14.23

Descrip. MP top of 4" CASING +2.0 ft above below LSD, Alt. MP

Alt. LSD: 36 | 36 | Accuracy (source): topo ± 5 [3]

Water Level 14.23 ft above below MP; Ft above below LSD | 12 | Accuracy: measured [A]

Date meas: 5-7-74 | 574 | 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.

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Well No. LJ-65-22-230

Latitude-longitude 29° 44' 13" N 095° 17' 38" W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD | Physiographic Province: | 03 | Section:

F | Drainage Basin: | 5 1 B | Subbasin:

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (B) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat

MAJOR AQUIFER: system . series | Q | Chicot upper. aquifer, formation, group | CU

Lithology: Sand | Origin: | Aquifer Thickness: ft

Length of well open to: ft | Depth to top of: 6 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: 45-61

Depth to consolidated rock: ft | Source of data:

Depth to basement: ft | Source of data:

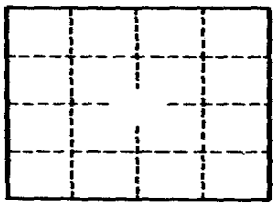
Surficial material: | Infiltration characteristics:

Coefficient Trans: gpd/ft | Coefficient Storage:

Coefficient Perm: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards:

Observation drilled behind abandoned C. Houston firestation about 8' west of RR. ditch

73rd + F St.



Well No.

GPO 869-201

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 269 **Distance from Property: 3.99 mi. NE**

ID NUMBER:	**TX208037**
STATE ID :	**65-14-9A**
OWNER NAME:	**MCNAIR TRUCK RENTAL**
DATE DRILLED:	**03/23/1974**
DEPTH DRILLED:	**501'**
STATIC LEVEL:	**265'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.304305000**
LATITUDE:	**29.809920000**

2 PAGE(S) OF DRILLERS' LOGS

65-1494

end original copy by
ertified mail to the
exas Water Development Board
. O. Box 13087
ustin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-14-9A
Located on map yes
Received: 25

1) OWNER:
Person having well drilled McNair Truck Rental (Name) Address 2040 N. Loop East (Street or RFD) Houston (City) Texas (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.*

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): XXXXX New Well Deepening Reconditioning Plugging

4) PROPOSED USE (Check): XXXXX Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): XXXXX Driven Dug Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 3/4 in. Depth drilled 501 ft ft. Depth of completed well 526 ft ft. Date drilled 3-23-74

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	5	Fill
5	45	Red Yellow Clay
45	50	Sand
50	65	Red Clay
55	75	Sand
75	85	Brown Clay
35	100	Red Clay
100	125	Blue Clay
125	150	Sand
150	160	Blue Clay
160	190	Gray Clay
190	200	Sand

(Use reverse side if necessary)

9) Casing:
Type: Old XXX New Steel Plastic XXXXX Other
Cemented from 501 ft up ft. to ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4"	1 ft	501 ft	40

10) SCREEN:
Type Well Supplies Plastic Wrapped
Perforated Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2½"	506 ft	526 ft	14

7) COMPLETION (Check):
XXXXXXX Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 265 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 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 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 10011 Airline (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.

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

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.

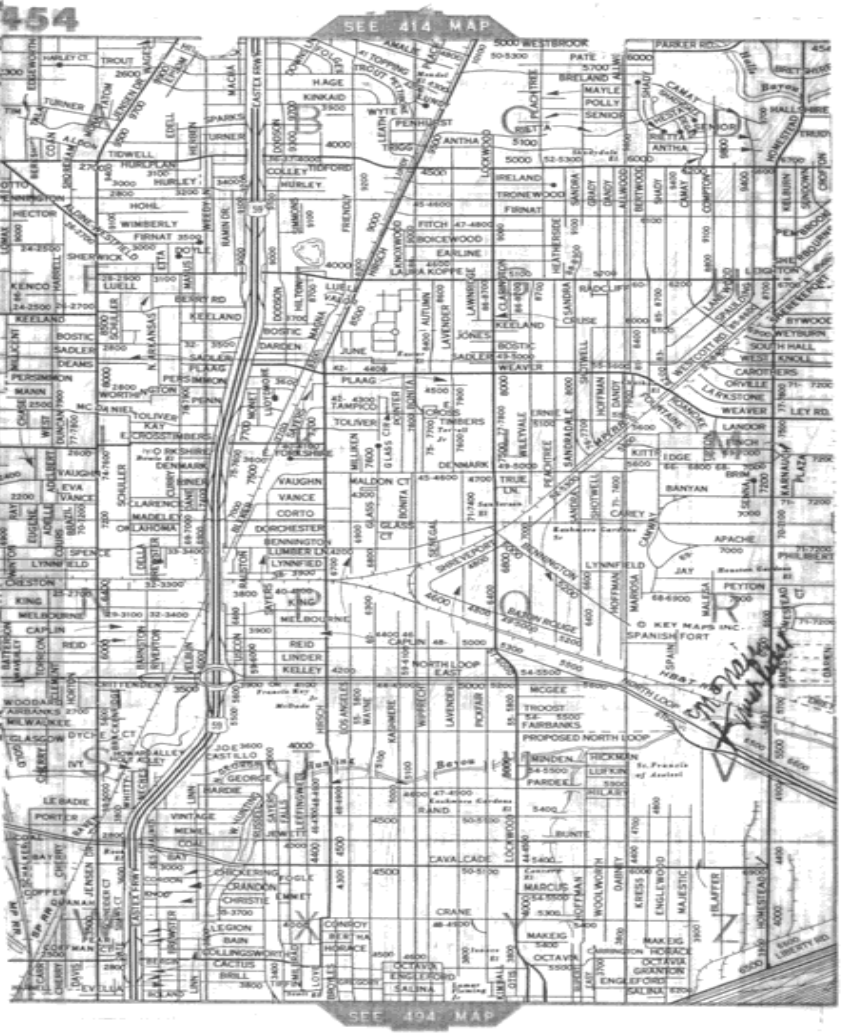
Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

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.

200	225	Gray Clay
225	230	Sand
230	245	Red Blue Clay
245	250	Sand
250	275	Red Blue Cl
275	285	Sand
285	315	Red Gray Cla
315	320	Sand
320	350	Red Gray Cla
350	385	Red Blue Clay
385	395	Sand
395	445	Red Blue Cla
445	460	Sand
460	465	Red Blue Cla
465	526	Sand

454



RECEIVED
4 1974
TEXAS WATER DEVELOPMENT BOARD

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 269 **Distance from Property: 3.99 mi. NE**

WELL ID:	**5279**
OWNERS NAME:	**SUNBELT HUNTING BAYOU, LP**
YEAR DRILLED:	**1962**
DEPTH DRILLED:	**200'**
STATIC LEVEL:	**60'**
WATER USAGE:	**DOMESTIC/COMMERCIAL**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.304305000**
LATITUDE:	**29.809920000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 270 **Distance from Property: 3.99 mi. NNE**

ID NUMBER:	**TX181957**
STATE ID :	**65-14-4**
OWNER NAME:	**MILLER WRECKER SERVICE**
DATE DRILLED:	**11/19/1990**
DEPTH DRILLED:	**485'**
STATIC LEVEL:	**275'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.334168000**
LATITUDE:	**29.824433000**

1 PAGE(S) OF DRILLERS' LOGS

STATE OF TEXAS WATER WELL REPORT KM454K 65-14-4

1) OWNER: MILLER WRECKER SERVICE ADDRESS: 7200 EASTEX FRWY CITY: HOUSTON STATE: TX ZIP: 77093-
2) LOCATION OF WELL: County: HARRIS 0 miles in N direction from HOUSTON

LEGAL DESCRIPTION:
Section No.: F-9 Block No.: N Township: HOUSTON
Abstract No.: EASTEX FWY Survey Name:
Distance and direction from two intersecting section or survey lines: EASTEX FRWY & BENNINGTON NO MAP 0165-22-9

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: DOMESTIC 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 12481

DIAMETER OF HOLE

DIAMETER	FROM	TO
6.5	0	485

7) BOREHOLE METHOD:
STRAIGHT WALL
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 11/19/90

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	TOP SOIL
3	135	CLAY
135	165	SAND
165	190	CLAY
190	205	SAND
205	250	CLAY
250	264	SAND
264	290	CLAY
290	310	SAND
310	472	CLAY
472	485	SAND

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

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
4	N	PVC CASING	0	437		WW
2.5	N	GALVANIZED LINER	412	475		WW
2.5	N	PVC WRAPPED SCREEN	475	485		08

9) CEMENTING DATA:
Cemented from 437 FT. TO 0 FT.
FT. TO FT.
H7
Method used: PRESSURE
Cemented by: ODCI

10) SURFACE COMPLETION:
OTHER

11) WATER LEVEL:
STATIC LEVEL : 275 FT. DATE: 11/19/90
ARTESIAN FLOW: GPM. DATE:

RECEIVED
FEB 15 1991
TEXAS WATER WELL DRILLERS BOARD

12) PACKERS:

TYPE	DEPTH
B P VALVE	412

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 336

14) WELL TEST:
JETTED
YIELD: 8 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: N/A DEPTH OF STRATA: 13 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
WELL NO. 65-14-4
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.

R61957

(signed) _____ (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 271 **Distance from Property: 3.99 mi. SW**

ID NUMBER:	**TX206028**
STATE ID :	**65-21-3**
OWNER NAME:	**MATT PRUCKA**
DATE DRILLED:	**11/05/2001**
DEPTH DRILLED:	**383'**
STATIC LEVEL:	**195'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.394605000**
LATITUDE:	**29.723967000**

1 PAGE(S) OF DRILLERS' LOGS

ATTENTION OWNER: Confidentiality
Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: PRUCKA, MATT ADDRESS: # 8 REMINGTON LANE CITY: HOUSTON STATE: TX ZIP: 77005-

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-21-03
Street or RFD: (SAME AS ABOVE)
City, State, Zip code: HOUSTON , TX 77005-

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION
If Public Supply well, were plans submitted to the TNRCC?

5)

6) WELL LOG: 00530
DATE DRILLING:
STARTED: 09/17/01
COMPLETED: 11/05/01

DIAMETER OF HOLE DIAMETER	FROM	TO
6.75	-0-	371
4.75	371	383

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	371	SDR-17
2.5	N	PVC BLANK PIPE	366	372	SCH 80
2.5	N	STAINLESS ROD BASE	372	382	8 GA
2.5	N	NIP W/BACKWASH VALVE	382	383	SCH 80

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	30	TOPSOIL, CLAY, WHITE CLAY
30	76	SAND RED SAND SANDY CLAY
76	135	GRAY CLAY, RED CLAY RED CLAY
135	160	GRAY CLAY
160	210	RED & WHITE CLAY RED & WHITE CLAY
210	230	TAN CLAY W/STREAKS RED CLAY
230	280	,WHITE CLAY
280	310	CLAY
310	358	SAND CLAY, SAND, CLAY
358	383	SAND SAND SAND

9) CEMENTING DATA:

Cemented from				No. of Sacks Used
15	FT.	TO 221	FT.	15
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:
CITY SEWAGE

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 195 FT. DATE: 10/05/01
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
FORMATIOM PACKER	20
BP-SEAL	366

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 240

14) WELL TEST:
JETTED
YIELD: 90 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 25 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
TCEQ MAIL ROOM
NOV 20 2001
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 272 **Distance from Property: 3.99 mi. SW**

WELL ID:	**1111**
OWNERS NAME:	**HOUSTON, CITY OF**
YEAR DRILLED:	**1962**
DEPTH DRILLED:	**2215'**
STATIC LEVEL:	**700'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.389760000**
LATITUDE:	**29.720641000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 272 **Distance from Property: 3.99 mi. SW**

STATE ID:	**65-21-306**
OWNER'S NAME:	**CITY OF HOUSTON SOUTH END #11**
DATE DRILLED:	**04/00/1962**
DEPTH DRILLED:	**2215'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.389760000**
LATITUDE:	**29.720640000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521306/6521306.pdf**

WRD Exp. (GW)
April 1966

Well No. LJ-65-21-306

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD (T. Brown) R.K.A. (7-22-65)

Record by RBA (4-2-62) Source of data FILES Date 2-21-68 Map Bellaire 1955 1:24000

State Texas 48 County (or town) Harris LJ

Latitude: 29 deg 43 min 19 sec N Longitude: 095 deg 23 min 16 sec W Sequential number: 1

Lat-long accuracy: 1 T. ____ N S, R ____ E W, Sec ____, ____, ____, ____

Local well number: LJ-65-21-306 Other number: SOUTHEND #11 B & M

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) 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) 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) Withdrgl, (X) Waste, (Z) Destroyed W

DATA AVAILABLE: Well data 1 Freq. W/L meas.: 1962 -- Annual A Field aquifer char. ____

Hyd. lab. data: ____

Qual. water data; type: ____

Freq. sampling: 6-6-62 A Pumpage inventory: yes no, period: ____

Aperture cards: ____ yes

Log data: E-LOG AA-24 D-Log 0-2558 E D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 2215 ft 2215 Meas. (rept) Driller accuracy 3

Depth cased; (first perf.) 700 ft 7100 Casing type: S ; Diam. 24-12¾ in 24

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. collector, (O) open end, (P) perf., screen, sd. pt., shored, (S) open hole, (X) other ____ G

Method Drilled: (A) air rot, (B) bored, cable, (C) cable, (D) dug, (E) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (X) other ____ H

Date Drilled: APR. - 1962 5 6 2 Pump intake setting: ____ ft

Driller: TEXAS WATER WELLS, INC. Houston, Texas (name, address)

Lift (type): (A) air, (B) bucket, cent, jet, (C) multiple, cent.) (J) multiple, (turb.) (N) none, (P) piston, rot, (S) submerg. turb, (T) other S Deep Shallow D

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 5 Trans. or water no. ____

Descrip. MP ____ above below LSD. Alt. MP ____

Alt. LSD: 49' 49 Accuracy (source): 5' Topo 3

Water Level 256.73 ft above below MP; Ft above below LSD 257 Accuracy: meas. A

Date meas: 6-7-62 6 6 2 Yield: 2316 gpm 2316 Method determined 4

Drawdown: 57 ft 57 Accuracy: meas. 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-65-21-306

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

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. 65-21-306
Located on map
By
Date
Map No. 10-3 (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
(NE, SW, etc.)
from
(Town)

Name 1

Southend Water Well No. 11

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 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 wall ☐
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.

Name of contractor testing well or installing permanent pump if other than your company:

C-34 (62-4)

65-21-306 GM

Well No. LJ-65-21-306

Latitude-longitude 29 d 43 m 19 s (N) 095 d 23 m 16 s (W)

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD [1] [19]

Physiographic Province: COASTAL PLAINS [20][21] 03 Section: [26]

[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]

MAJOR AQUIFER: [28][29] T [30][31] E
system, series, aquifer, formation, group

Lithology: [32][33] Origin: [34] Aquifer Thickness: ft

[35][37] Length of well open to: 440 ft [38][40] 4040 Depth to top of: ft [41][43]

MINOR AQUIFER: [44][45] [46][47]
system, series, aquifer, formation, group

Lithology: [48][49] Origin: [50] Aquifer Thickness: ft

[51][55] Length of well open to: ft [52][56] Depth to top of: ft [57][59]

* Intervals Screened: 700-715, 750-780, 795-810, 880-900, 940-970, 990-1020

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]

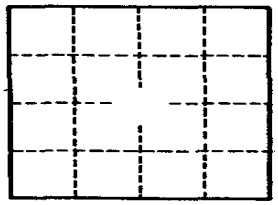
Coefficient Trans: gpd/ft [73][75] Coefficient Storage: [76][78]

Coefficient Perm: gpd/ft^2; Spec cap: gpm/ft; Number of geologic cards: [79]

* SCREENS:

1040 - 1055
1080 - 1100
1120 - 1130
1170 - 1185
1285 - 1300
1350 - 1370
1385 - 1410
1430 - 1445
1465 - 1480
1500 - 1515
1540 - 1560
1580 - 1610
1670 - 1685
1715 - 1730
1925 - 1935
2075 - 2085
2115 - 2125
2145 - 2155
2180 - 2195

CSG
0 - 590 = 24"
500 - 2215 = 12 3/4"



ONG HOUR RECOVERY TEST
9-13-68
GPM = 1404
PL = 367.0 } MP = +2.0'
SL = 327.8 }
T = 118,800
SP. CAP. = 35.8

Well No. LJ-65-21-306

GPO 857-700

WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.

TWO-GRAVEL-WALL WELLS

951 MCCARTY DRIVE, HOUSTON 29, TEXAS, PHONE OR-2-7581

April 1962

CITY OF HOUSTON
SOUTH END #11

DRILLER'S LOG

FROM	TO	FORMATION
0	11	Rotary to Ground
11	18	Clay
18	25	Sand
25	105	Clay and Sand
105	198	Sandy Shale & Sand
198	263	Shale
263	300	Sand
300	345	Shale
345	425	Sand
425	455	Shale
455	500	Sand
500	535	Shale
535	585	Sand Streaks & Shale
585	621	Sand
621	652	Shale
652	695	Sand & Shale
695	820	Sand & Shale Streaks
820	850	Shale
850	910	Sand
910	933	Shale
933	1033	Sand
1033	1054	Sandy Shale
1054	1175	Sand
1175	1185	Sand
1185	1188	Lime Shell
1188	1215	Gyp
1215	1232	Sand
1232	1240	Lime Shell
1240	1285	Shale

Attach'
7 pages
WW# 65-21-3a

65-21-306

MEMBER TEXAS WATER WELL DRILLING CONTRACTORS ASSOCIATION

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

CITY OF HOUSTON
South End Water Well #11
Driller's Log
Page 2

FROM	TO	FORMATION
1285	1320	Sand
1320	1350	Shale
1350	1445	Sand
1445	1455	Shale
1455	1520	Sand
1520	1535	Shale
1535	1645	Sand
1645	1665	Shale
1665	1740	Sand
1740	1905	Shale
1905	1950	Sand
1950	2090	Shale
2090	2111	Shale & Sand Streaks
2111	2126	Sand
2126	2136	Shale
2136	2200	Sand
2200	2253	Shale
2253	2264	Sandy Shale
2264	2274	Hard Lime
2274	2302	Sand
2302	2315	Lime & Shale
2315	2325	Shale & Lime Streaks
2325	2331	Sand
2331	2356	Shale & Lime Streaks
2356	2385	Sand
2385	2410	Sand & Shell
2410	2445	Sand & Lime
2445	2505	Sandy Shale
2505	2525	Sandy Shale
2525	2558	Shale

65-21-306

65-21-3W

WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.

PRO-GRAVEL-WALL WELLS

951 MCCARTY DRIVE, HOUSTON 29, TEXAS, PHONE OR-2-7581

April- 1962

City of Houston
Houston, Texas

Water Well No. Southend 11

SETTING DATA:

SURFACE CASING:

SET AND CEMENTED IN PLACE: 500' of 24" O. D., .375" W. T. P. E. casing.

SCREEN AND BLANK LINER:

FROM	TO	DESCRIPTION
500'	700'	12-3/4" Blank Liner
700'	715'	12-3/4" S. S. Screen
715'	750'	12-3/4" Blank Liner
750'	765'	12-3/4" S. S. Screen
765'	795'	12-3/4" Blank Liner
795'	810'	12-3/4" S. S. Screen
810'	880'	12-3/4" Blank Liner
880'	900'	12-3/4" S. S. Screen
900'	940'	12-3/4" Blank Liner
940'	970'	12-3/4" S. S. Screen
970'	990'	12-3/4" Blank Liner
990'	1020'	12-3/4" S. S. Screen
1020'	1040'	12-3/4" Blank Liner
1040'	1055'	12-3/4" S. S. Screen
1055'	1090'	12-3/4" Blank Liner
1090'	1100'	12-3/4" S. S. Screen
1100'	1130'	12-3/4" Blank Liner
1130'	1150'	12-3/4" S. S. Screen
1150'	1170'	12-3/4" Blank Liner
1170'	1185'	12-3/4" S. S. Screen

65-21-306

65-21-304

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

City of Houston
Houston, Texas

Water Well No. Southend 11

CASING DATA (cont'd)

FROM	TO	DESCRIPTION
1125'	1205'	13-3/4" Blank Liner
1205'	1260'	13-3/4" S. S. Screen
1260'	1350'	13-3/4" Blank Liner
1350'	1370'	13-3/4" S. S. Screen
1370'	1385'	13-3/4" Blank Liner
1385'	1410'	13-3/4" S. S. Screen
1410'	1430'	13-3/4" Blank Liner
1430'	1445'	13-3/4" S. S. Screen
1445'	1455'	13-3/4" Blank Liner
1455'	1480'	13-3/4" S. S. Screen
1480'	1500'	13-3/4" Blank Liner
1500'	1515'	13-3/4" S. S. Screen
1515'	1540'	13-3/4" Blank Liner
1540'	1560'	13-3/4" S. S. Screen
1560'	1580'	13-3/4" Blank Liner
1580'	1610'	13-3/4" S. S. Screen
1610'	1670'	13-3/4" Blank Liner
1670'	1685'	13-3/4" S. S. Screen
1685'	1715'	13-3/4" Blank Liner
1715'	1730'	13-3/4" S. S. Screen
1730'	1855'	13-3/4" Blank Liner
1855'	1885'	13-3/4" S. S. Screen
1885'	2075'	13-3/4" Blank Liner
2075'	2085'	13-3/4" S. S. Screen
2085'	2115'	13-3/4" Blank Liner
2115'	2125'	13-3/4" S. S. Screen
2125'	2145'	13-3/4" Blank Liner
2145'	2155'	13-3/4" S. S. Screen
2155'	2190'	13-3/4" Blank Liner
2190'	2195'	13-3/4" S. S. Screen
2195'	2215'	13-3/4" Blank Liner
		pressure valve and wood wash plug.

65-21-306

65-21-30

City of Houston
Southend # 11

June 7, 1962
Page 2

6:30	22	315	2316
7:30	22	317	2316
8:30	22	317	2316
9:30	22	317	2316
10:30	22	317	2316
11:30	22	317	2316
12:30 pm	22	317	2316
1:30	22	317	2316
2:30	22	317	2316
3:30	22	317	2316
4:30	22	316	2316
5:30	22	316	2316
6:30	22	316	2316
7:30	22	316	2316
8:30	22.5	315	2316
9:30	22.5	315	2316
10:30	22.5	315	2316
11:30	22	314	2316
12:30 am	22	312	2316
1:30	22	312	23146
2:30	22	312	2316
3:30	22	312	2316
4:30	22	312	2316
5:30	22	314	2316

RECOVERY	WATER LEVEL
5:25	260.5'
5:30	258.82'
5:35	258.21'
5:40	258.29'
5:45	258.10'
5:50	258.09'
5:00	257.90'
6:10	257.15'
6:20	256.94'
6:30	256.78'
6:40	256.55'
6:50	256.40'
7:00	256.25'

65-21-306

65-21-3W

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, Southend Water Well No. 11, 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.

Very truly yours,

James R. Wall
Geologic Aide

JRW:jlt

RECEIVED
DEC 13 1962
TEXAS WATER COMMISSION
AUSTIN, TEXAS

RECEIVED NOV 15 1962

Last Attack
Los. 21-30
65-21-306

WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.

TRU-GRAVEL-WALL WELLS

951 MCCARTY DRIVE, HOUSTON 29, TEXAS, PHONE OR-2-7581

June 7, 1962

City of Houston
Southend #11
Houston, Texas

Date Started June 4, 1962
Orifice 12 x 3
Water Level [illegible]
Airline 2" & 1 1/4"

PUMPING TEST

TIME	HEAD IN INCHES	PUMPING LEVEL	GPM
5:30 am started test			
6:30	23	314	2300
7:30	22.5	315	2343
8:30	22	315	2315
9:30	22	315	2316
10:30	22	315	2316
11:30	22	315	2316
12:30pm	22	315	2316
1:30	22	315	2316
2:30	22	317	2316
3:30	15	318	1905
4:30	22	317	2316
5:30	22.5	317	2343
6:30	22.5	317	2343
7:30	22.5	315	2343
8:30	22	317	2316
9:30	22	315	2316
10:30	22	315	2316
11:30	22	314	2316
6-5-62			
12:30am	22	314	2316
1:30	22	315	2316
2:30	22	314	2316
3:30	21	315	2300
4:30	22	314	2316
5:30	22	314	2316

65-21-306

65-21-306

MEMBER TEXAS WATER WELL DRILLING CONTRACTORS ASSOCIATION

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

(11-74) UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020992

Latitude ° ' " 29 43 19 | Longitude ° ' " 095 23 16 | Seq. No. 01

County code 201 County Harris
Well # LT-65-21-306
Project number 7-4648-01000
Date 2-14-72 Time ____ Temp°C 27.0
Owner City of Houston
Address South Gr. D. #11
Date drld 1962 WBF code 121 Eagle
Sample interval: (top) 700 (bottom) 1020
Water level ____ Appr ____ Use ____
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 2943190952316 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 P	72015	7000	03	
Sample interval BOTTOM	72016	1020	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	5730	03		573
HCO_3	00440	2780	03		278
CO_3	00445	0000	01		0
Chloride (Cl)	00940	4100	02		41
Sulfate (SO_4)	00945	1300	02		13
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31625				
Strep-tococci	31673				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

(11-74) UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017573

Latitude	Longitude	Seq. No.
29°43'19"	095°23'16"	01

County code 201 County Harris
Well # LJ-65-21-306
Project number 4648-01000
Date 2-10-76 Time Temp°C 27.5
Owner City of Houston
Address Southend #11
Date drld — WBF code 121EVGL
Sample interval: (top) 200 (bottom) 2195
Water level — Appr clear Use PS
Collector Nottel Yield — GPM
Smpld aftr pmpg original Depth —
Pt of coll tap on discharge
Field: Cond pH HCO_3 DO

Indicate types of analyses

Coliform — Phenols — Minors
I :cients — MBAS — BOD — TOC — DOC
Std chem schedule I
Other
Herbicide Insecticide
Remarks:

Type 2 (1) Station identification number 2943195095231601 (2–16)

Y M D (17–22) Begin: 76 02 10

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval	72015	7000	03	
Sample interval BOTTOM	72016	2195	04	
Water level	72019			

Sampled after pumping	Parameter code	Value	Exp.	Rmk	
	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2750	02		27.5
pH	00400	7900	01		7.9
Specific conductance	00095	5730	03		573
HCO_3	00440	2700	03		270
CO_3	00445	0000	01		0
Chloride (Cl)	00940	4200	02		42
Sulfate (SO_4)	00945	1500	02		15
Color	00080				
Coliform, membrane. filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Water Resources Division
Austin, Texas

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 43 19	095 23 16	01

County code 201 County Harris
Well # LJ-65-21-306
Project number 5-4648-01000
Date 2-6-75 Time ____ Temp°C 27.5
Owner City of Houston
Address Southend #11
Date drld 5-1962 WBF code 121EVGL
Sample interval: (top) 700 (bottom) 2195
Water level ____ Appr ____ Use PS
Collector Naftel Yield ____ GPM
Smpld aftr pmpg on arrival Depth 2215
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: 29431909523160 1 (2–16)
Y 75 (17) M 02 D 06 (Begin 22)
Time of measurement: ____ (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008	2215	01	
Yield (GPM)	00059			
Sample interval TOP	72015	7000	03	
Sample interval BOTTOM	72016	2195	01	
Water				

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2750	02		
pH	00400	7500	01		7.5
Specific conductance	00095	5710	03		57
HCO_3	00440	2740	03		27
CO_3	00445	0000	01		0
Chloride (Cl)	00940	4200	02		42
Sulfate (SO_4)	00945	1400	02		14
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Austin, Texas

019936

Latitude ° ' " | Longitude ° ' " | Seq. No.

29 43 19 | 095 23 16 | 01

unty code 101 County HARRIS

Well # LJ 65-21-306

Project number T4648-01000

Date 9-23-76 Time 1045 Temp °C 27.5

Owner CITY OF HOUSTON.

Address SOUTH END #11

Date drld 4/1962 WBF code EVCL

Sample interval: (top) 700 (bottom) 1020

Water level 427 Appr CLEAR Use PS

Collector BEZANT Yield 1875 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

Rtd chem schedule I

Other

Herbicide ____ Insecticide ____

Remarks:

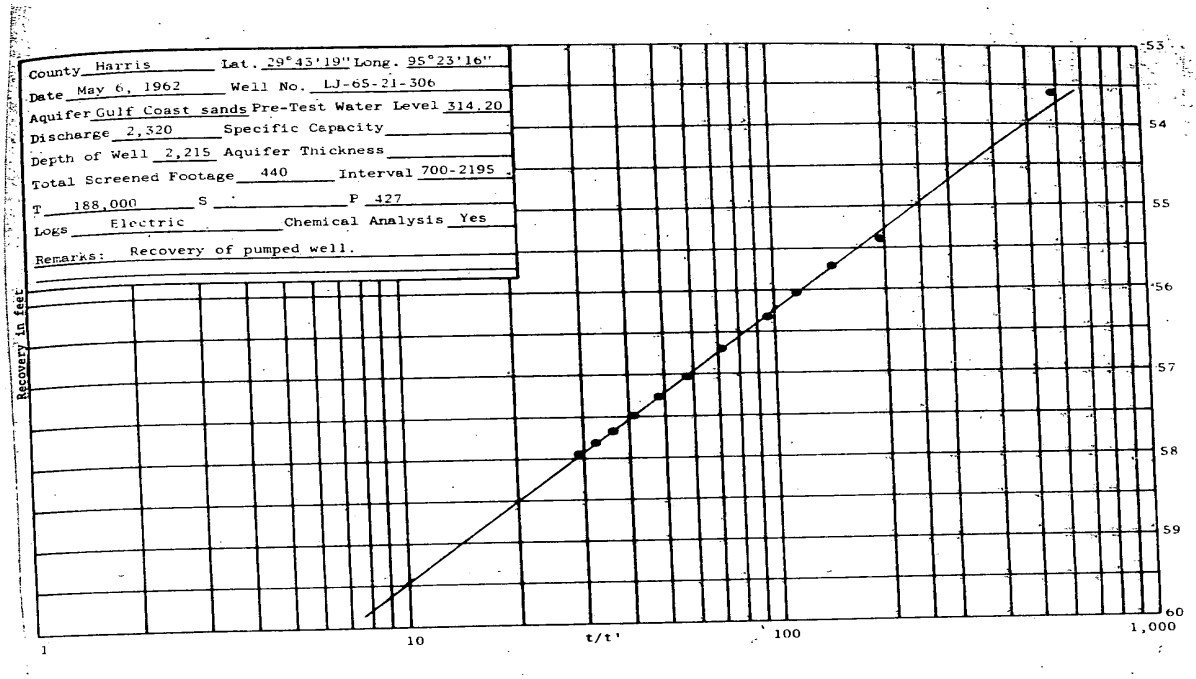
Type 2 | Station identification number 29431909523160 1

Y 76 M 09 D 23 Begin 17–22

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	1020	04	
Water level	72019			
Sampled after pumping	72004			
DO (mg/l)	00300			
DO % Sat.	00301			
Temp °C	00010	2750	02	27.5
pH	00400	7700	01	7.7
Specific conductance	00095	5350	03	535
HCO_3	00440	2630	03	263
CO_3	00445	0000	01	0
Chloride (Cl)	00940	3500	02	35
Sulfate (SO_4)	00945	1200	02	120
Color	00080			
Coliform, membrane filter	31501			
Coliform, fecal	31616			
Strep-tococci	31679			
BOD	00310			

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


County Harris Lat. 29°43'19" Long. 95°23'16"
Date May 6, 1962 Well No. LJ-65-21-306
Aquifer Gulf Coast sands Pre-Test Water Level 314.20
Discharge 2,320 Specific Capacity
Depth of Well 2,215 Aquifer Thickness
Total Screened Footage 440 Interval 700-2195
T 188,000 S P 427
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
53
54
55
56
57
58
59
60
1
10
t/t'
100
1,000

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 272 **Distance from Property: 3.99 mi. SW**

STATE ID:	**65-21-304**
OWNER'S NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**01/25/1958**
DEPTH DRILLED:	**2190'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.389760000**
LATITUDE:	**29.720640000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521304/6521304.pdf**

WRD Exp. (GW)
April 1966

Well No. J-65-21-304

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD (T. Brown) R.K.G. (7-27-63)
Record by W.L.N. (10-11-61) Source of data FILES Date 2-21-68 Map Bellaire 1955 1:24000

State Texas 48 County (or town) Harris LJ

Latitude: 29 deg 43 min 20 sec N/S Longitude: 095 degrees 23 min 19 sec E/W Sequential number: 1

Lat-long accuracy: 1 T. N/S, R E/W, Sec , , ,

Local well number: LJ-65-21-304 Other number: SOUTHEND B & M 10

Local use: Owner or name: CITY OF HOUSTON

Owner or name: CITY OF HOUSTON Address:

Ownership: (C) County, (F) Fed Gov't, (G) City, (M) 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) Mnf, (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, (Z) Destroyed — W

DATA AVAILABLE: Well data 1 Freq. W/L meas.: 1958 - Annual S Field aquifer char.

Hyd. lab. data:

Qual. water data: type:

Freq. sampling: 3-8-58 A Pumpage inventory: yes / no, period:

Aperture cards: yes

Log data: E-Log AA-23 E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 2190 ft 2130 Meas. (est) Driller accuracy 3

Depth cased: (first perf.) 795 ft 7915 Casing type: S ; Diam. 24-12¾ in 24

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (♦) open end, (P) perf., screen, sd. pt., (S) shored, (T) 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: 1-25-58 7518 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. 250 W Trans. or meter no.

Descrip. MP ft above/below LSD. Alt. MP

Alt. LSD: 50 50 Accuracy (source) 5' Topo 3

Water Level 242.67 ft above/below MP; Ft above/below LSD 243 Accuracy: Meas. A

Date meas: 3-8-58 358 Yield: 2515 gpm 2515 Method determined 4

Drawdown: 46 ft 46 Accuracy: meas. O Pumping period 96 hrs 96

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard. ppm

Sp. Conduct x 10⁶ Temp. °F Date sampled

Taste, color, etc.

Well No. LJ-65-21-304

Well No. LT-65-21-304

Latitude-longitude 29 d 43 m 20 s S 095 d 23 m 19.1 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, dunes, (E) flat, (F) billtop, (H) sink, swamp, (K) 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: 400 ft [400] [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: 795-810, 835-855, 890-905, 925-930, 1005-1020, 1085-1100

Depth to consolidated rock: _____ ft [60-62] Source of data: _____ [64]

Depth to basement: _____ ft [63-65] Source of data: _____ [69]

Surficial material: _____ [70-71] Infiltration characteristics: _____ [72]

Coefficient Trans: ~ gpd/ft [73-75] Coefficient Storage: _____ [76-78]

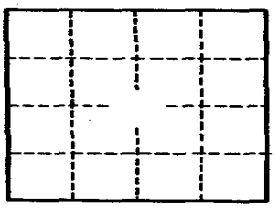
Coefficient Perm: ✓ gpd/ft²; Spec cap: ~ gpm/ft; Number of geologic cards: _____ [79]

* SCREENS:

1175-1190
1290-1310
1350-1380
1395-1410
1455-1470
1505-1545
1580-1595
1615-1625
1665-1680
1910-1935
2070-2095
2110-2120
2140-2150
2160-2170

CSG

0-595 = 24"
595-2190 = 12 3/4"



ONE HOUR RECOVERY TEST
9-12-68
GPM = 1804
PL = 367.2
SL = 337.9
T = 161,400
SP. CAP. = 61.6

mp ±1.5

367.2
-337.9
29.3'

Well No. LT-65-21-304

GPO 857-700

(11-74) UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020991

Latitude	Longitude	Seq. No.
29°43'20"	095°23'19"	01

County code 201 County Harris
Well # LJ-65-21-304
Project number 2-4648-01000
Date 2-15-77 Time — Temp°C 26.5
Owner City of Houston
Address South End #10
Date drld 1958 WBF code 121 Evgl
Sample interval: (top) 795 (bottom) 2170
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 29432009523190 1 (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	7950	03	
Sample interval BOTTOM	72016	2170	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	5220	03		522
HCO_3	00440	2580	03		258
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	31625				
Strep-tococci	31673				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TX-73Q
(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017572

Latitude ° ' " 29 43 20 | Longitude ° ' " 095 23 90 | Seq. No. 01

County code 201 County Harris

Well # LJ-65-21-304

Project number 4648-01000

Date 2-10-76 Time — Temp°C 22.0

Owner City of Houston

Address Southwest #10

Date drld — WBF code 121EVC6

Sample interval: (top) 295 (bottom) 2170

Water level — Apprclear Use PS

Collector Natl Yield — GPM

Smpld aftr pmpg — Depth —

Pt of coll top on discharge pipe

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Std chem schedule F

Other

Herbicide ____ Insecticide ____

Remarks:

Type 2 (1) Station identification number 29432009523901 (2–16)

Y M D: 76 02 10 (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk	
Depth	72008				
Yield (GPM)	00059				
Sample interval TOP	72015	7950	03		
Sample interval BOTTOM	72016	2170	04		
Water level	72019				
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	27.00	02		27.0
pH	00400	7.800	01		7.8
Specific conductance	00095	5290	03		529
HCO_3	00440	256.0	02		256
CO_3	00445	0.000	01		0
Chloride (Cl)	00940	36.00	02		36
Sulfate (SO_4)	00945	16.00	02		16
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Austin, Texas

Latitude ° ' " | Longitude ° ' " | Seq. No.

29 43 20 | 095 23 19 | 01

inty code 101 County HARRIS

Well # LJ-65-21-304

Project number T4648-01.000

Date 09/23/76 Time 1030 Temp°C 28.0

Owner CITY OF HOUSTON

Address SOUTHEND #10

Date drld 1-25-58 WBF code Estd

Sample interval: (top) 795 (bottom) 2170

Water level 448.0 Appr Cscak Use P.S.

Collector BEZANT Yield 1722 GPM

Smpld aftr pmpg ON Annular 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

Spcl chem schedule I

Other

Herbicide Insecticide

Remarks:

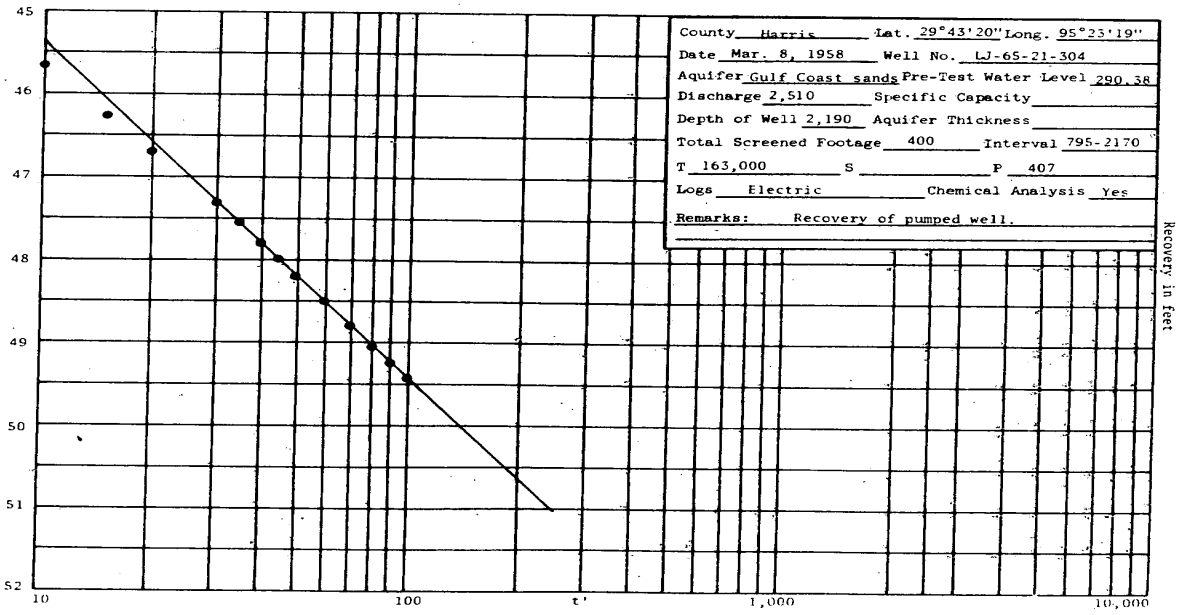
Type 2 (1) | Station identification number 29432009523190 1 (2–16)

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	7950	03	
Sample interval BOTTOM	72016	2170	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		28.0
pH	00400	7700	01		7.7
Specific conductance	00095	5540	03		554
HCO_3	00440	2700	03		270
CO_3	00445	0000	01		0
Chloride (Cl)	00940	4000	02		40
Sulfate (SO_4)	00945	1100	02		11
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


County Harris Lat. 29°43'20" Long. 95°23'19"
Date Mar. 8, 1958 Well No. LJ-65-21-304
Aquifer Gulf Coast sands Pre-Test Water Level 290.38
Discharge 2,510 Specific Capacity
Depth of Well 2,190 Aquifer Thickness
Total Screened Footage 400 Interval 795-2170
T 163,000 S P 407
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
45
46
47
48
49
50
51
52
10
100
t'
1,000
10,000
Recovery in feet

- 240 -

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 272 **Distance from Property: 3.99 mi. SW**

STATE ID:	**65-21-309**
OWNER'S NAME:	**CITY OF HOUSTON SOUTH END #6**
DATE DRILLED:	**07/24/1935**
DEPTH DRILLED:	**1796'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.389760000**
LATITUDE:	**29.720640000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521309/6521309.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6521309 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294313 **Longitude** 952237 **Source of Coords** 3

Owner's Well No. _____ **Location** _____

Owner
City of Houston
South End #6

Driller
Layne Texas

Address _____ **Tenant/Oper.** _____

Date Drilled 07/24/1935 **Depth** 1796 **Source of Depth** D **Altitude** 46 **Source of Alt.**

Well Type W **User** 396200

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 -** M **Quality -** Y **Logs -** **Other Data -**

WATER LEVELS 2 measurements
1935 to 1964
MIN -315 MAX -96

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency

REMARKS -
346 ft of screen between 1089 and 1756 ft. Reported yield 2760 gpm with 72 ft drawdown July 24,1936. Well destroyed. well 6.

Aquifer - 121EVGL **ID -** 15
EVANGELINE AQUIFER

Well Number - 6521309

Wednesday, June 07, 2006

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 272 **Distance from Property: 3.99 mi. SW**

STATE ID:	**65-21-320**
OWNER'S NAME:	**CITY OF HOUSTON SOUTH END #5**
DATE DRILLED:	**00/00/1931**
DEPTH DRILLED:	**1618'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.389760000**
LATITUDE:	**29.720640000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521320/6521320.pdf**

WRD Exp. (GW)
April 1966

Well No J-65-21-320

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD (T. Brown) Age (1941)

Record by P.L. (1-13-31) Source of data FILES Date 2-21-68 Map Bellaire 1955 1:24000

State Texas 48 County (or town) Harris LJ

Latitude: 29 deg 43 min 21 sec N Longitude: 095 degrees 23 min 25 sec W Sequential number: 1

Lat-long accuracy: 1 T. N S. R E W. Sec , , k, k, k

Local well number: LJ-65-21-320 Other number: SOUTHEND #5 (753) B & N

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, Dewater, Power, (F) Fire, (H) Dom, (I) Irr, Mad, Ind, P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, Desal-other, (Z) Other Well cured 1969 U

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 X ~~W~~ 1973

DATA AVAILABLE: Well data Q Freq. W/L meas.: Semiannual 1932-1969 S Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 3-29-38 F Pumpage inventory: yes no. period:

Aperture cards: yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1618 ft 1618 Meas. (est) 6

Depth cased; (first perf.) 1275 ft 1275 Casing type: S Diam. accuracy 24-12 in 24

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, sd. pt., (S) shored, (T) open hole, (W) other G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, rotary, (R) reverse trenching, (T) driven, (V) drive wash, (W) other LJ

Date Drilled: JULY-1931 Pump intake setting: ft

Driller: LAYNE-TEXAS Co. HOUSTON, TEX.

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, submerg, (S) turb, (T) other N Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 200HP T-E FORMERLY nat LP Trans. or meter no.

Descrip. MP ft above below LSD. Alt. MP

Alt. LSD: 51' 5 1 Accuracy (source): 5' TOPO 3

Water Level 70 ft above below MP; Ft above below LSD Accuracy: rep. D

Date meas: Jan. 32 Yield: 1880 gpm 1880 Method determined

Drawdown: ft 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.

Well No. LJ-65-21-320

Well No. LJ-65-21-320

Latitude-longitude 29 d 43 m 21 s N 095 d 23 m 25 s W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD [1] [19]

Physiographic Province: COASTAL PLAINS [20] [21] 03 Section: [22]

Drainage Basin: [23] [28] 511 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: [28] [29] T system . series aquifer, formation, group E [30] [31]

Lithology: [32] [33] Origin: [34] Aquifer Thickness: [35] [37] ft

Length of well open to: 260 ft Depth to top of: 260 ft [38] [40] [41] [43]

MINOR AQUIFER: [44] [45] system . series aquifer, formation, group [46] [47]

Lithology: [48] [49] Origin: [50] Aquifer Thickness: [51] [53] ft

Length of well open to: [54] ft Depth to top of: [55] [57] ft

Intervals Screened: 1275-1296, 1333-1433, 1455-1594

Depth to consolidated rock: [60] [63] ft Source of data: [64]

Depth to basement: [65] [68] ft Source of data: [69]

Surficial material: [70] [71] Infiltration characteristics: [72]

Coefficient Trans: [73] [75] gpd/ft Coefficient Storage: [76] [78]

Coefficient Perm: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards: [79]

300' – 24" csg.

4-9-73
Well filled with 40 yards of chlorinated sand and capped with 5½ yds. of cement
Info. from City

Well No. LJ-65-21-320

GPO 857–700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 272 **Distance from Property: 3.99 mi. SW**

STATE ID:	**65-21-321**
OWNER'S NAME:	**CITY OF HOUSTON SOUTH END #4**
DATE DRILLED:	**00/00/1919**
DEPTH DRILLED:	**777'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.389760000**
LATITUDE:	**29.720640000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521321/6521321.pdf**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 272 **Distance from Property: 3.99 mi. SW**

STATE ID:	**65-21-323**
OWNER'S NAME:	**CITY OF HOUSTON SOUTH END #3**
DATE DRILLED:	**00/00/1919**
DEPTH DRILLED:	**1127'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.389760000**
LATITUDE:	**29.720640000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521323/6521323.pdf**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 272 **Distance from Property: 3.99 mi. SW**

STATE ID:	**65-21-319**
OWNER'S NAME:	**CITY OF HOUSTON SOUTH END #1**
DATE DRILLED:	**03/00/1917**
DEPTH DRILLED:	**1394'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.389760000**
LATITUDE:	**29.720641000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521319/6521319.pdf**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 272 **Distance from Property: 3.99 mi. SW**

STATE ID:	**65-21-322**
OWNER'S NAME:	**CITY OF HOUSTON SOUTH END #2**
DATE DRILLED:	**00/00/1917**
DEPTH DRILLED:	**830'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.389760000**
LATITUDE:	**29.720640000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521322/6521322.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 21 322 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 43 23 Longitude - 95 23 02 Source of Coords - 3

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

Owner - City of Houston
South End #2

Driller - Layne Bowler Co

Address _____ Tenant/Oper. _____
Date Drilled - / /1917 Depth - 830 ft. Source of Depth - Altitude - 50 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- M Quality- Y Logs- Other Data-

WATER LEVELS Date- 00/00/1917 Measurement- -29.00
Date- 03/07/1955 Measurement- -183.50

Recorded By _____ Date Record Collected or Updated- / /

Reporting Agency -
REMARKS -
260 ft of screen between 489 and
824 ft. Reported yield 710 gpm in
in 1941. Test hole drilled to 1325
ft. Well destroyed. Well 2.

| 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 21 322

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 272 **Distance from Property: 3.99 mi. SW**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294319095231601**
STATION NAME: **LJ-65-21-306**
SITE TYPE: **GW**
LATITUDE: **29.720641000** LONGITUDE: **-95.389760000**
DATE DRILLED: **196204**
WELL DEPTH: **2195 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 272 **Distance from Property: 3.99 mi. SW**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294320095231901**
STATION NAME: **LJ-65-21-304**
SITE TYPE: **GW**
LATITUDE: **29.720641000** LONGITUDE: **-95.389760000**
DATE DRILLED: **01/25/1958**
WELL DEPTH: **2190 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 272 **Distance from Property: 3.99 mi. SW**

WELL ID:	**1110**
OWNERS NAME:	**HOUSTON, CITY OF**
YEAR DRILLED:	**1958**
DEPTH DRILLED:	**2190'**
STATIC LEVEL:	**795'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.389760000**
LATITUDE:	**29.720641000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 273 **Distance from Property: 4.00 mi. SSW**

ID NUMBER:	**TX230255**
STATE ID :	**65-11-2**
OWNER NAME:	**TILLMAN DEVELOPMENT**
DATE DRILLED:	**07/31/1992**
DEPTH DRILLED:	**445'**
STATIC LEVEL:	**215'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.368723000**
LATITUDE:	**29.711863000**

2 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711 (5) 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 Tillman Development (Name) ADDRESS 3321 North McGregor Way (Street or RFD) Hstn (City) Tx (State) 77004 (Zip)

2) LOCATION OF WELL: N. McGregor Way (3221)
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 7-30 19 92 Completed 7-31 19 92

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6 3/4"	Surface	445
3 7/8"		

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		TOPSOIL+CLAY
27-69		SURFACE SAND
69-160		CLAY + SAND STRKS
160-177		SAND
177-214		CLAY
214-291		SAND
291-322		CLAY
322-344		SAND
344-380		CLAY (SANDY)
380-395		SAND (FINE)
395-410		CLAY
410-420		SAND FINE
420-440		CLAY
440-455		SAND

(Use reverse side if necessary)

RECEIVED OCT 02 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	445	
2"	N	GALVANIZED	440	445	
2"	N	PVC	445	455	.012

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used 8
395 ft. to 345 ft. No. of Sacks Used 3
Method used HALLIBURTON METHOD
Cemented by BUSSELL & SON

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 7-31-92
Artesian flow _____ gpm. Date _____

12) PACKERS:

Type	Depth
RUBBER	440'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 273' ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: 50 gpm with 25 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 Bussell (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

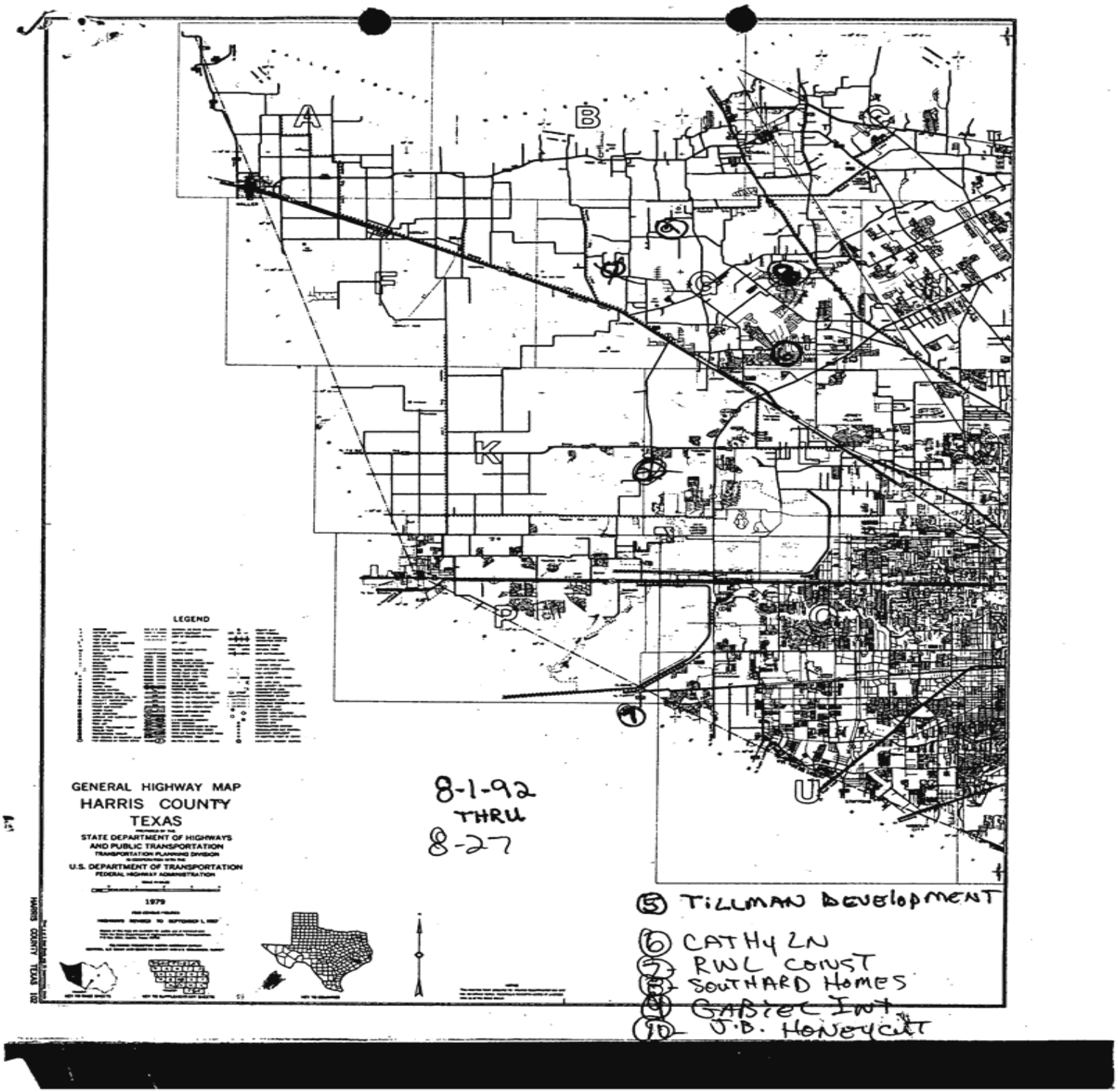
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 5 Located on map 65 11 2

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


LEGEND
GENERAL HIGHWAY MAP
HARRIS COUNTY
TEXAS
STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION
U.S. DEPARTMENT OF TRANSPORTATION
1979
8-1-92
THRU
8-27
⑤ TILLMAN DEVELOPMENT
⑥ CATHY LN
⑦ RWL CONST
⑧ SOUTHARD HOMES
⑨ GABLEC INV
⑩ J.B. HONEYCUTT

MAP ID# 274 **Distance from Property: 4.00 mi. SW**

TRACK #: **204290**
DATE ENTERED: **2010-01-11**
OWNER NAME: **MICHAEL LINN**
OWNER ADDRESS: **#2 LONGFELLOW**
HOUSTON, TX 77005
COUNTY: **HARRIS**
LATITUDE: **29.723055000** LONGITUDE: **-95.393056000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=204290&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2009-05-19**
DRILLING DATE (COMPLETED): **2009-07-10**
DEPTH DRILLED: **377'**

WATER LEVEL:
STATIC LEVEL: **182'**
WATER LEVEL DATE: **2009-05-21**
TYPE OF WATER: **NOT TESTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **ALMEDA WATER WELL SERVICE**
COMPANY ADDRESS: **P.O. BOX 266**
MANVEL, TX 77578

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 275 **Distance from Property: 4.00 mi. NNW**

STATE ID:	**65-13-603**
OWNER'S NAME:	**HOUSTON TEXTILE CO**
DATE DRILLED:	**00/00/1948**
DEPTH DRILLED:	**745'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.377230000**
LATITUDE:	**29.821790000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513603/6513603.pdf**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 276 **Distance from Property: 4.00 mi. NE**

ID NUMBER:	**TX205241**
STATE ID :	**65-14-5G**
OWNER NAME:	**TEXACO**
DATE DRILLED:	**02/12/1963**
DEPTH DRILLED:	**299'**
STATIC LEVEL:	**132'**
WATER USAGE:	**SERVICE STATION**
LONGITUDE:	**-95.302350000**
LATITUDE:	**29.808550000**

1 PAGE(S) OF DRILLERS' LOGS

SB

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. 6.5-14-54
Located on map Map
By RW Date 6 3
Map No. 162 (2)

1) Well Owner: TEXACO Homestead Rd. & Loop 37 Houston, Texas
(Street or RFD) " " " (City) " " (State)

2) Land Owner: TEXACO " " " " " " "
(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 (Circle as many as are known) of Section Block No. Survey

miles in direction (NE, SW, etc.)
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 4" in. Date drilled Feb. 12,1963

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	40	Surface Yellow Clay	240	279	Blue Shale
40	82	Red Clay & Red Sand	279	299	Sand
82	90	Sand Broken			
90	120	Sand Fine			
120	135	Sandy Blue Clay			
135	164	Sand			
164	192	Shale Tough			
192	240	Shale Light Sand Break			(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION

Straight wall X
Under reamed ☐
Gravel packed ☐
Open hole ☐
Other Lead Seal Set at 274

CASING

Type: Old ☐ New X
Cemented from ~~XXX~~ 279 ft.
to Surface ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
4	Surface ~~XXX~~	~~XXX~~ 279

SCREEN

Type Stainless
Perforated X Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (ft)
2½	284	299

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

Driller LOWRY WATER WELLS (Firm) Houston 22, Texas (City, State) 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 132 ft.
ft. below

Pumping level

feet	hours	gpm

Pump type 2 H.P. Fairbanks Morse Submersible
Designed pumping rate 23 gpm X gph ☐
Type power unit Electric
Horsepower 2
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)

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 276 **Distance from Property: 4.00 mi. NE**

ID NUMBER:	**TX206181**
STATE ID :	**65-13-5A**
OWNER NAME:	**TEXACO, INC.**
DATE DRILLED:	**10/08/1973**
DEPTH DRILLED:	**300'**
STATIC LEVEL:	**138'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.302350000**
LATITUDE:	**29.808550000**

2 PAGE(S) OF DRILLERS' LOGS

2)LOCATION OF WELL:

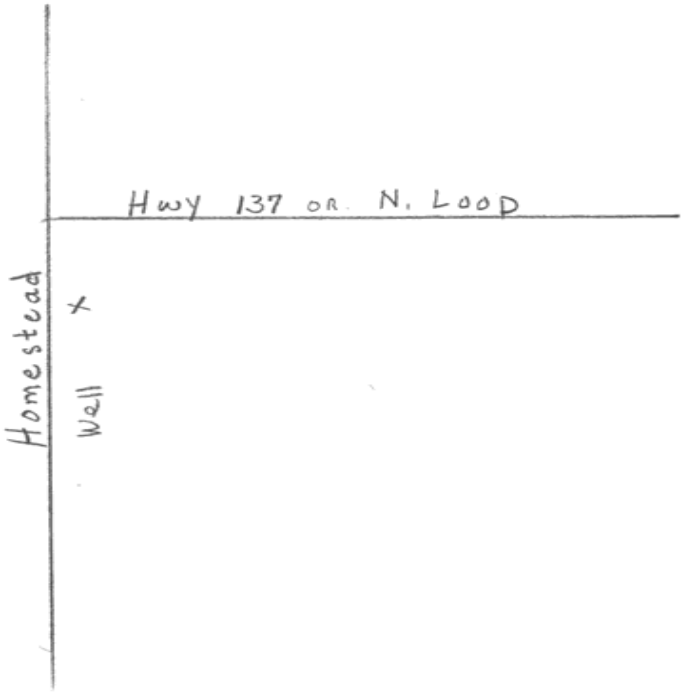
The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

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	Sand
288	300	Sand



TEXAS WATER DEVELOPMENT BOARD
RECEIVED
JAN 17 1974

RECEIVED
APR 16 1974

65-13-54

nd original copy by
rtified mail to the
xas Water Development Board
O. Box 13087
stin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-54
Located on map
Received:

)OWNER:
Person having well drilled Texaco, Inc. (Name) Address P. O. Box 21169 (Street or RFD) Houston, TX (City) (State)

Landowner Same (Name) Address North Loop At Homestead (Street or RFD) (City) (State)

)LOCATION OF WELL:
County Harris, miles in direction fr (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

)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

)WELL LOG:
Diameter of hole 4 in. Depth drilled 0 ft. Depth of completed well 300 ft. Date drilled 10-8-73

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	Hard Yellow Clay
48	72	Hard Red Clay
72	96	Hard Red Clay
96	120	Blue Clay
120	144	Sand, Broken Shell
144	168	Broken Shell
168	192	Rock
192	216	Clay
216	240	Shell
240	264	Clay (Over)

(Use reverse side if necessary)

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

Cemented from ft. to 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
2⅜	290	300	
2⅜	269	290	

) COMPLETION (Check):
Straight wall X, Gravel packed, Other
Under reamed, Open Hole

) WATER LEVEL:
Static level 138 ft. below land surface Date 10-8-73

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 - P. O. Box 8707 (Street or RFD) Houston, TX (City) 77009 (State)

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

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

Additional instructions on reverse side.

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 276 **Distance from Property: 4.00 mi. NE**

STATE ID:	**65-14-506**
OWNER'S NAME:	**TEXACO, INC.,**
DATE DRILLED:	**02/00/1963**
DEPTH DRILLED:	**299'**
WATER USAGE:	**COMMERCIAL**
LONGITUDE:	**-95.302350000**
LATITUDE:	**29.808550000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514506/6514506.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514506 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** **Latitude** 294833 **Longitude** 951809 **Source of Coords** 1

Owner's Well No. _____ **Location** _____

Owner
Texaco, Inc.,

Driller
Lowry Water Wells

Address _____ **Tenant/Oper.** _____

Date Drilled 02/ /1963 **Depth** 299 **Source of Depth** L **Altitude** 48 **Source of Alt.** M

Well Type W **User**

WELL CONSTRUCTION

Const-Method

Completion

Casing Material

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 -** 2.0

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

WATER USE **Primary -** COMMERCIAL **Secondary -** **Tertiary -**

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

WATER LEVELS

Recorded By _____ **Date Record Collected or Updated -** 01/22/1999

Reporting Agency 02

REMARKS -

Aquifer - 112CHCTL **ID -** 15
CHICOT
AQUIFER,LOWER

Friday, June 08, 2007

Well Number - 6514506

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 277 **Distance from Property: 4.01 mi. SSW**

ID NUMBER:	**TX205408**
STATE ID :	**65-22-4**
OWNER NAME:	**MR. PAUL PENDLETON**
DATE DRILLED:	**06/10/1988**
DEPTH DRILLED:	**485'**
STATIC LEVEL:	**225'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.373211000**
LATITUDE:	**29.712798000**

2 PAGE(S) OF DRILLERS' LOGS

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. Paul Pendleton (Name) Address 3028 South MacGregor Way, Hou., TX 77021 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 4 miles in SE (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): ☐ Driven ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other

6) WELL LOG:
Date Drilling: Started 5/31 1988 Completed 6/10 1988

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	485

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil
3	30	Red Clay
30	68	Sand, Yellow, Fine.
68	70	Sand, W/Streaks of Clay.
70	153	Red Clay
153	163	Sand, Fine
163	183	Red Clay
183	190	Sand, Fine.
190	228	Clay
228	265	Sand, Fine.
265	362	Clay
362	378	Sand, w/Streaks of Clay
378	406	Clay
406	430	Sand and Clay Mix.
430	457	Clay
457	485	Sand, Medium to Coarse.

RECEIVED
AUG 02 1988
TEXAS WATER COMMISSION

(Use reverse side if necessary)

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other 4"x2½"
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 Mfgr., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	new	PVC	0	455	
2½	new	PVC	445	465	
2½	new	PVC Wrapped	465	475	.010
2½	new	PVC Wrapped	475	485	.012

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 10 ft. No. of Sacks Used 3
455 ft. to 100 ft. No. of Sacks Used 20
Method used Pressure Cemented & Grouted
Cemented by O'Day Drilling 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 225 ft. below land surface Date 6/3/88
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Rubber K Depth 445'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet, etc., 357 ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 47 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 (we) certify that this well was drilled by 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 Derrick Drilling Co. (Type or Print) Water Well Driller's License No. 1958

ADDRESS P.O. Box 1704 (Street or RFD) Pearland (City) Texas (State) 77588 (Zip)

(Signed) _____ (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. GS-22-4
Located on map

WWD-012 (Rev.01-28-87) TEXAS WATER COMMISSION COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Water Well ID: 205408

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 278 **Distance from Property: 4.02 mi. NE**

ID NUMBER:	**TX199436**
STATE ID :	**65-14-5**
OWNER NAME:	**WOMBLE CO INC**
DATE DRILLED:	**08/29/2000**
DEPTH DRILLED:	**468'**
STATIC LEVEL:	**230'**
WATER USAGE:	**COMMERCIAL**
LONGITUDE:	**-95.305489000**
LATITUDE:	**29.811459000**

1 PAGE(S) OF DRILLERS' LOGS

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 WOMBLE Co. INC. (Name) ADDRESS 5875 KELLY ST. HOUSTON, TX. 77026 (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL'S LOCATION: County HARRIS 5875 KELLY ST. HOUSTON, TX. 77026 (Street, RFD or other) (City) (State) (Zip) Long. _____ Lat. _____ Grid # 65-14-5

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 [X] Commercial

5)

6) WELL LOG:
Date Drilling: Started 8-25 19 2000 Completed 8-29 19 2000

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8	Surface	468

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	BLACK CLAY
30	90	RED SAND
90	180	CLAY, ROCK
180	260	SAND
260	340	SHALE CLAY
340	400	SAND
400	435	SHALE CLAY
435	468	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 Casting Screen
5"	N	CASING	440	0	SDR 17
2 3/8"	N	TUBER	440	420	SCH 40
2 3/8"	N	SCREEN	468	440	012

9) CEMENTING DATA
Cemented from 440 ft. to 0 ft. No. of sacks used 28
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)	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 [X] Submersible [ ] Cylinder [ ] Other
Depth to pump bowls, cylinder, jet, etc., 336 ft

15) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [X] Jetted [ ] Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

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

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed
[X] Specified Steel Sleeve Installed
[ ] Pitless Adapter Used
[ ] Approved Alternative Procedure Used

11) WATER LEVEL:
Static level 230 ft. below land surface Date 8-29-00
Artesian flow _____ gpm. Date _____

12) PACKERS: Type K Depth 420

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.

NOV 2 0 2000

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, TX. 77086 (City) (State) (Zip)

(Signed) David Holmes (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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 278 **Distance from Property: 4.02 mi. NE**

WELL ID:	**8282**
OWNERS NAME:	**WOMBLE COMPANY, INC.**
YEAR DRILLED:	**2000**
DEPTH DRILLED:	**400'**
STATIC LEVEL:	**380'**
WATER USAGE:	**DOMESTIC/COMMERCIAL**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.305489000**
LATITUDE:	**29.811459000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 279 **Distance from Property: 4.03 mi. W**

ID NUMBER:	**TX206117**
STATE ID :	**65-13-8**
OWNER NAME:	**T & C CONSTRUCTION**
DATE DRILLED:	**08/08/1995**
DEPTH DRILLED:	**70'**
STATIC LEVEL:	**40'**
WATER USAGE:	**DE-WATERING**
LONGITUDE:	**-95.418147000**
LATITUDE:	**29.763608000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified mail to: TNRCC, P.O. Box , Austin, TX 78711-3087 Please use black ink. 4924

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 T + C Construction (Name) ADDRESS (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL: County HARRIS 204 Asbury (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)

6) WELL LOG:
Date Drilling: Started 8-5 19 95 Completed 8-8 19 95

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8 3/4	Surface	70

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

From (ft.)	To (ft.)	Description and color of formation material
0	18	CLAY
18	41	SAND
41	43	CLAY
43	57	SAND
57	70	CLAY

3 WELLS total

(Use reverse side if necessary)

8) Borehole Completion (Check): ☐ Open Hole ☑ Straight Wall ☐ Underreamed ☑ Gravel Packed ☐ Other
If Gravel Packed give interval ... from 15 ft. to 70 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	25	
4	N	PVC SCREEN	25	65	.020

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 15 ft. No. of sacks used 1
ft. to ft. No. of sacks used
Method used TREMIE
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]

RECEIVED AUG 29 1995 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

14) WELL TESTS:
Type test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 1 gpm with ft. drawdown after hrs.

11) WATER LEVEL:
Static level 40 ft. below land surface Date 8-8-95
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? 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 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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

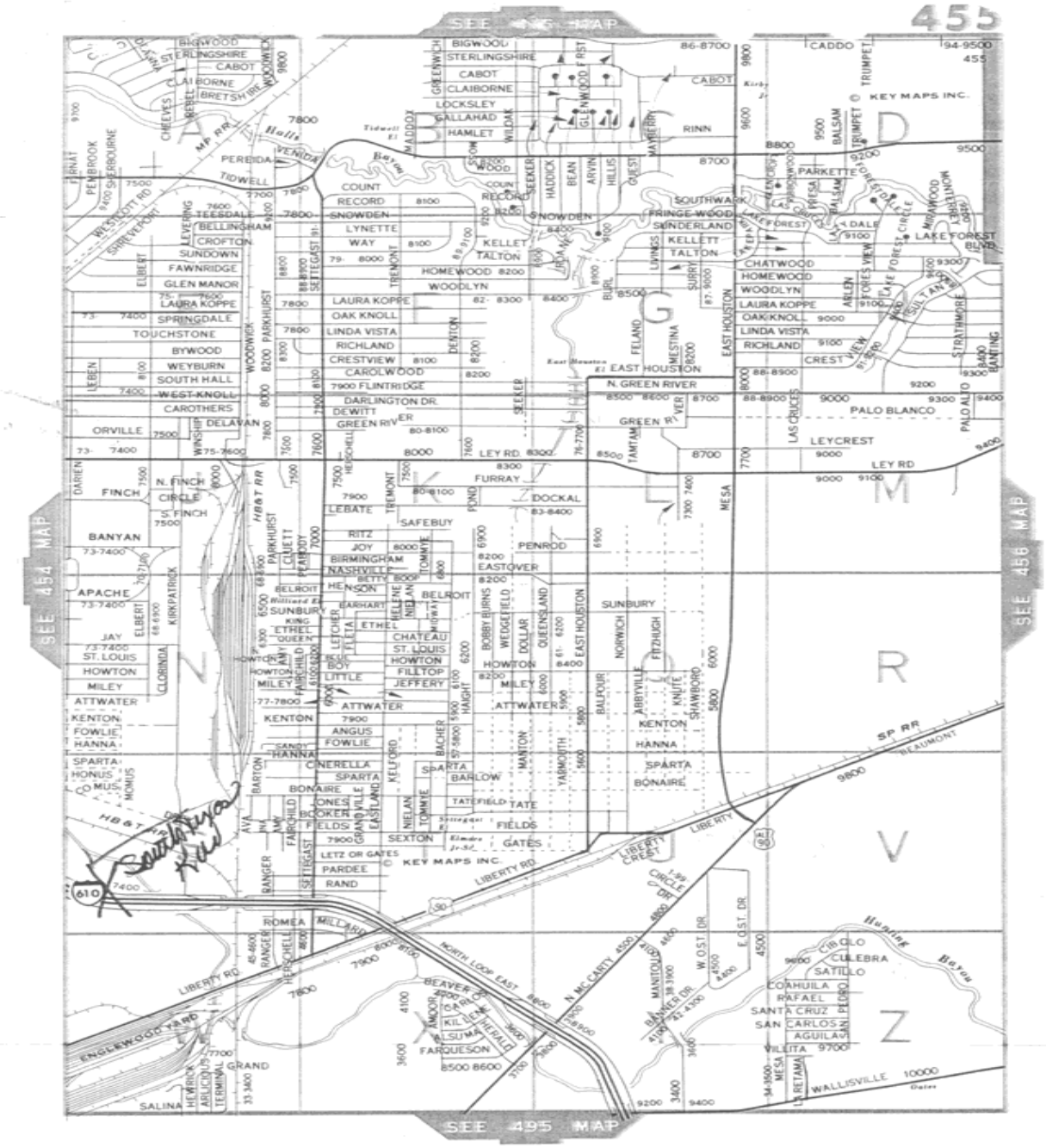
MAP ID# 280 **Distance from Property: 4.03 mi. NE**

ID NUMBER:	**TX205320**
STATE ID :	**65-14-5D**
OWNER NAME:	**SOUTH TEXAS KENWORTH IND**
DATE DRILLED:	**10/11/1973**
DEPTH DRILLED:	**476'**
STATIC LEVEL:	**265'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.302703000**
LATITUDE:	**29.809425000**

3 PAGE(S) OF DRILLERS' LOGS

Page # 1 out of 3

Water Well ID: 205320



nd original copy by
rtified mail to the
xas Water Development Board
. O. Box 13087
stin, Texas 78711

State of Texas

WATER WELL R

For TWDB use only
Well No. 65-14-50
Located on map yes
Received: 25 yes
dd

1) OWNER:
Person having well drilled South Texas Kenworth Ind. Address 6855 North Loop 610 Houston Texas
(Name) (Street or RFD) (City) (State)

Landowner Same Address 3333 Rauch St Houston Texas
(Name) (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.*

~~415~~ 455 S, 455 S

see map included

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 ~~XXX~~ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
~~XXXXX~~ (Industrial) Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
~~XXXXX~~ Driven Dug
Cable Jetted Bored

6) WELL LOG:
Diameter of hole 6 3/4 in. Depth drilled 451 ft ft. Depth of completed well 476 ft ft. Date drilled 10-11-73
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	25	Yellow Clay
25	40	Red Clay
40	45	Sand
45	50	Yellow Clay
50	55	Sand
55	80	Red Clay
80	85	Sand
85	110	Red Clay
110	115	Sand
115	130	Blue Clay
130	160	Sand
160	170	Blue Clay

(Use reverse side if necessary)

9) Casing:
Type: Old ~~XX~~ Steel ~~XXXX~~c Other
Cemented from 451 ft up ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4 "	1 ft	451 ft	40

10) SCREEN:
Type Well ~~XXX~~ Supplies Plastic Wrapped
Perforated Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2½"	456 ft	476 ft	12 ga

7) COMPLETION (Check):
~~XXXXXXX~~ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 265 ft. below land surface Date _____
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?
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. Water Well Drillers Registration No. TDL-774
(Type or Print)

ADDRESS 10011 Airline DR. & Houston Texas
(Street or RFD) (City) (State)

(Signed) C A Raymond Jr Raymond WATER Well Drilling Inc.
(Water Well Driller) (Company Name)

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

*Additional instructions on reverse side.

TWDB-WD4

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.

170	- 190	Gray Clay
190	- 215	Red Gray Clay
215	- 260	Gray Clay
260	- 275	Sand
275	- 285	Gray Blue Clay
285	- 300	Sand
300	- 340	Red Blue Clay
340	- 350	Red Gray Clay
350	- 360	Sand
360	- 410	Red Blue Clay
410	- 430	Red White Clay
430	- 435	Sand
435	- 455	Red Blue Clay with Shale
455	- 476	Sand

RECEIVED
NOV 4 1974
TEXAS WATER
DEVELOPMENT BOARD

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 280 **Distance from Property: 4.03 mi. NE**

WELL ID:	**5259**
OWNERS NAME:	**CLEVELAND MACK SALES/DBA**
YEAR DRILLED:	**1988**
DEPTH DRILLED:	**250'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.302703000**
LATITUDE:	**29.809425000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 281 **Distance from Property: 4.04 mi. SW**

ID NUMBER:	**TX206015**
STATE ID :	**65-21-3**
OWNER NAME:	**ANTHONY PETRELLO**
DATE DRILLED:	**03/08/1997**
DEPTH DRILLED:	**396'**
STATIC LEVEL:	**200'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.395523000**
LATITUDE:	**29.723696000**

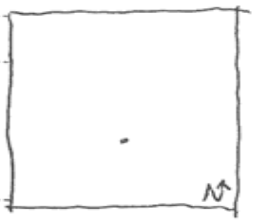
1 PAGE(S) OF DRILLERS' LOGS

STATE C. TEXAS WATER WELL REPORT

OWNER: ANTHONY PORTELLO ADDRESS: #10 REMINGTON LN CITY: HOUSTON STATE: TX ZIP: -
LOCATION OF WELL: County: HARRIS 0 miles in SW direction from HOUSTON

GAL DESCRIPTION:
Section No.: G-8 Block No.: SW Township: HOUSTON
Abstract No.: REMINGTON Survey Name: MCDUGALD-STEELE
Distance and direction from two intersecting section or survey lines: MAIN & SUNSET

65-21-3



TYPE OF WORK: NEW WELL 4) PROPOSED USE: DOMESTIC 5) DRILLING METHOD: MUD ROTARY

WELL LOG: 17516 DIAMETER OF HOLE 7) BOREHOLE METHOD:
DIAMETER FROM TO
7 7/8 0 396 STRAIGHT WALL
IF GRAVEL... FROM FT. TO FT.
TE DRILLED: 03/08/97 FROM FT. TO FT.

OLOGICAL DESCRIPTION:

OM	TO	DESCRIPTION
	3	TOP SOIL
	33	CLAY
	77	SAND
	313	CLAY
)	333	SAND
)	358	CLAY
)	396	SAND

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

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
5	N	PVC CASING	0	360		SDR17
3	N	GALVANIZED LINER	344	366		WW
3	N	S.S. ROD BASE SCREEN	366	386		10
3	N	S.S. ROD BASE SCREEN	386	396		06

9) CEMENTING DATA:
Cemented from 360 FT. TO 0 FT.
FT. TO FT.
Method used: PRESSURE
Cemented by: ODCI

10) SURFACE COMPLETION:
OTHER

11) WATER LEVEL:
STATIC LEVEL : 200 FT. DATE: 03/08/97
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
B P VALVE	344

TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 315

14) WELL TEST:
JETTED
YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

WATER QUALITY:
TYPE OF WATER: N/A DEPTH OF STRATA: 38 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

IPANY NAME: O'DAY DRILLING CO., INC. WATER WELL DRILLER'S LICENSE NO.: 1877,4111,4883,
DRESS: 14405 GARDEN RD CITY: PEARLAND STATE: TX ZIP CODE: 77581

FOR TDWR USE ONLY
WELL NO.
LOCATED ON MAP

HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN
TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE
(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

gned) Angel Bautista (signed)
(LICENSED WATER WELL DRILLER) (REGISTERED DRILLER TRAINEE)

MAP ID# 282 **Distance from Property: 4.04 mi. SW**

TRACK #: **204732**
DATE ENTERED: **2010-01-14**
OWNER NAME: **SCOTT VANDYKE**
OWNER ADDRESS: **1515 SOUTH BLVD.**
HOUSTON, TX 77006
COUNTY: **HARRIS**
LATITUDE: **29.726389000** LONGITUDE: **-95.398611000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=204732&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2009-04-27**
DRILLING DATE (COMPLETED): **2009-04-30**
DEPTH DRILLED: **370'**

WATER LEVEL:
STATIC LEVEL: **180'**
WATER LEVEL DATE: **2009-04-30**
TYPE OF WATER: **NOT TESTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
IRRIGATION
COMPANY INFORMATION:
COMPANY NAME: **ALMEDA WATER WELL SERVICE**
COMPANY ADDRESS: **P.O. BOX 266**
MANVEL, TX 77578

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 283 **Distance from Property: 4.05 mi. WNW**

WELL ID:	**1069**
OWNERS NAME:	**HOUSTON, CITY OF**
YEAR DRILLED:	**1965**
DEPTH DRILLED:	**1730'**
STATIC LEVEL:	**620'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.405269000**
LATITUDE:	**29.803598000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 283 **Distance from Property: 4.05 mi. WNW**

STATE ID:	**65-13-624**
OWNER'S NAME:	**CITY OF HOUSTON HEIGHTS #17**
DATE DRILLED:	**02/00/1965**
DEPTH DRILLED:	**1730'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.405260000**
LATITUDE:	**29.803590000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513624/6513624.pdf**

WRD Exp. (GW)
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 Gebryszak 1967 Source of data File Date 2-16-68 Map 1:24000 Houston Heights 1855

State Texas 16 [48] County (or town) Harris 24 [LJ]

Latitude: [29 48 12 N] Longitude: [095 24 16] Sequential number: [1]

Lat-long accuracy: [1] T. ___ S, R ___ W, Sec ___, ___, ___, ___

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) 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) Ind, (N) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Dessal-P S, (Y) Dessal-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.: 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. (drl) 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. open gallery, (◊) end, (P) perf., screen, sd. pt., (S) shored, (T) open hole, (W) other ___ [G]

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, rotary, (R) reverse trenching, (T) driven, (V) drive wash, (W) other ___ [H]

Date Drilled: Feb 1965 [965] Pump intake setting: ___ ft

Driller: Katy Drlg Co. (name) Katy, Texas (address)

Lift (type): (A) air, (B) bucket, cent, jet, (C) multiple, (cent.) (J) multiple, (turb.) (M) nose, pfeton, rot, submerg, (P) turb, (R) other [T] Deep/Shallow [D]

Power (type): diesel, elec, nat gas, gasoline, hand, gas, wind; LP 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 287.27 ft above/below MP; Ft below LSD [285] Accuracy: Mccs [A]

Date meas: 3-12-65 [365] Yield: 3146 gpm [3146] Method determined [4]

Drawdown: 100 ft [106] Accuracy: Unkn. [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. ___

PL 387.61
2-5-37
T&D 34

Well No. LJ-65-13-624

Well No. LT-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]

Physiographic Province: Coastal Plain [19-20] 03 [21] Section: [22]

Drainage Basin: F [23] 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: 412 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: # 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]

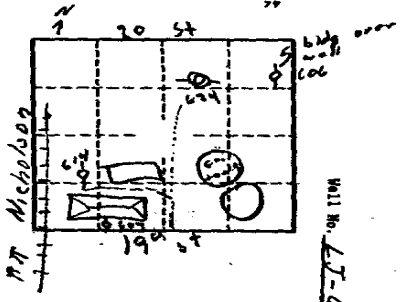
Coefficient Perm: ~ gpd/ft²; Spec cap: ~ gpm/ft; Number of geologic cards: [79]

Screen:

620 - 658.9	40
684.6 - 714.6	30
784.4 - 824.4	40
870.6 - 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
13" 498-1730



GPO 857-700

(11-74) UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020970

Latitude ° ' " 29 48 12 | Longitude ° ' " 095 24 16 | Seq. No. 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 21 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 | Station identification number 29 48 12 095 24 16 01

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				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TX-73Q
(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017559

Latitude ° ' " | Longitude ° ' " | Seq. No.
2948120952416 01

County code 201 County Harris
Well # 6J-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 121EVGL
Sample interval: (top) 620 (bottom) 1720
Water level ____ Appr clear Use PS
Collector Nuttal 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
1 cients | MBAS | BOD | TOC | DOC
Std chem schedule ____
Other ____
Herbicide ____ Insecticide ____
Remarks:

Type 2 | Station identification number 2948120952416 01
(1 | 2 | 9 | 16)

Y M D: 76 02 04 (17 Begin 22)
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	2750	02		27.5
pH	00400	7900	01		7.9
Specific conductance	00095	7110	03		711
HCO_3	00440	3260	03		326
CO_3	00445	0000	01		0
Chloride (Cl)	00940	6300	02		63
Sulfate (SO_4)	00945	9200	01		9.2
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

(11-74) UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

015479

Latitude ° ' " 29 48 12 | Longitude ° ' " 095 24 16 | Seq. No. 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 Elgl
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 | Station identification number 29 48 12 095 24 16 01 (1 | 2 | 9 | 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 TOP	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			

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Austin, Texas

010981

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 2

Owner City of Houston

Address Heights #17

Date drld — WBF code (21 Evgl

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

Station identification number 2948120952416011

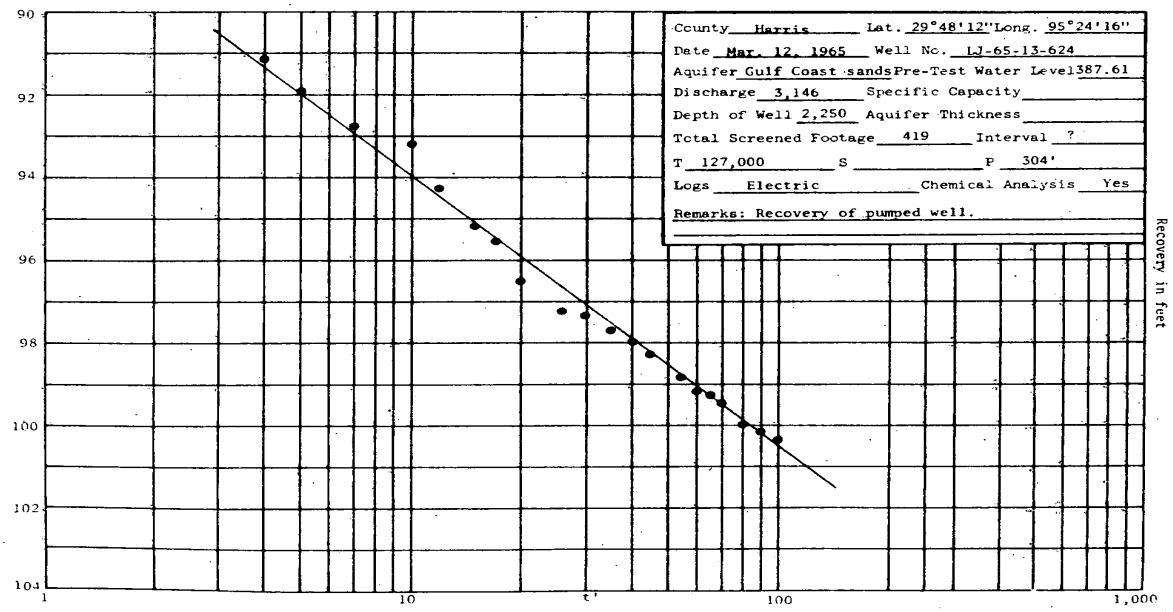
Y M D: 76 09 17 (Begin)

Time of measurement

	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				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


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 GROUNDWATER DATABASE (TWDB)

MAP ID# 283 **Distance from Property: 4.05 mi. WNW**

STATE ID:	**65-13-604**
OWNER'S NAME:	**CITY OF HOUSTON HEIGHTS #16**
DATE DRILLED:	**04/00/1962**
DEPTH DRILLED:	**1890'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.405260000**
LATITUDE:	**29.803590000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513604/6513604.pdf**

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 Anderson-Gabrysch McAdoo 1962 — Source of data File — Date 2-16-68 — Map Houston Heights 1955 1:24000

State Texas [48] — County (or town) Harris [LJ]

Latitude: 29 deg 48 min 16 sec N — Longitude: 095 degrees 24 min 25 sec W — Sequential number: 1

Lat-long accuracy: 1 — T. ___ S, R ___ W, Sec ___, ___, ___, ___

Local well number: LJ-65-13-604 — Other number: B & M #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, (C) Comp, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Z) Desal-other, 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, (Z) Destroyed — W

DATA AVAILABLE: Well data 1 — Freq. W/L meas.: 1962 Annual 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 1870 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., screen, sd. pt., (S) shored, (T) open hole, (W) 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: 4-10-62 — 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 — S; Deep/Shallow D

Power (type): diesel, elec, nat gas, gasoline, hand, gas, wind, LP; H.P. 300 — Trans. or meter no. ___

Descrip. MP Agitator pipe +10.0 ft above/below LSD. Alt. MP ___

Alt. LSD: 68 ft — 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 — Yield: 2565 gpm — 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 W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD [19] Physiographic Province: Coastal Plain [20-21] 03 Section: [24]

[22] F Drainage Basin: [23-25] 511R Subbasin:

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: 430 ft [38-40] 430 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
1800-1845
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 Evgl
Sample interval: (top) 610 (bottom) 1860
Water level — Appr CLEAR Use PS
Collector PETERS BUTLER Yield — GPM
Smpld aftr pmpg CO 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 (2–16)
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			

Sampled after pumping	Parameter code	Value	Exp.	Rmk	
	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 — Apprc/flow 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
Station identification number: 29481609524250 1

Y	M	D
76	02	13

Begin

Time of measurement:

Parameter code	Value	Exp.	Rmk	
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	6100	03	
Sample interval BOTTOM	72016	1860	04	

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	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				
Strep-tococci	31679				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Water Resources Division
Austin, Texas

Latitude 29 48 16 | Longitude 095 24 25 | Seq. No. 01

County code 201 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 Height # 16

Date drld 4-10-62 WBF code 12 EVGL

Sample interval: (top) 610 (bottom) 1860

Water level ____ Appr ____ Use PS

Collector Naftel Yield PS GPM

Smpld aftr pmpg on acc 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 | Station identification number 29481609524250 1 (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	27.50	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				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

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 Eval
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: 29481609524501 (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	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		7.6
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

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. 65-13-604
Location on map
By
Date
Map no. 1042(2)

1) Well Owner: City of Houston — Houston, Texas
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 SW¼ of Section, Block No., Survey
(Given as many as are known)

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

1

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 wall ☐
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.

ing well or installing permanent pump if other than your company:

65 13 604

WATER SUPPLY, DEEP WELLS AND PUMPS — A. E. FARGETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.

[redacted]

[redacted]

CITY OF HOUSTON
Heights Water Well #16 — April 1942

DRILLER'S LOG

FROM	TO	FORMATION
0	6	[redacted]
6	15	
15	25	
25	75	
75	150	
150	220	
220	330	
330	441	
441	461	
461	565	
565	570	
570	630	
630	640	
640	660	
660	670	
670	715	
715	750	
750	840	
840	875	
875	915	
915	975	
975	1040	
1040	1080	
1080	1160	
1160	1175	
1175	1240	
1240	1290	
1290	1310	
1310	1340	
1340	1360	

Attach: 1 Page
Was 65-13-6W

65-13-604

MEMBER TEXAS WATER WELL DRILLING CONTRACTORS ASSOCIATION

City of Houston
Heights #10

April 1968

Driller's Log - Continued

FROM	TO	FORMATION
1390	1415	Shale
1415	1440	Sand
1440	1490	Shale, Sandy
1490	1510	Shale
1510	1665	Sand
1665	1740	Sandy Shale
1740	1765	Shale
1765	1805	Sand
1805	1851	Shale
1851	1881	Sand
1881	2170	Shale
2170	2195	Sand
2195	2245	Shale
2245	2311	Sandy Shale
2311	2350	Sand
2350	2397	Shale

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

65-13-6a
65-13-604

WATER SUPPLY, DEEP WELLS AND PUMPS

A. E. FAWCETT, JR., PRESIDENT

TEXAS WATER WELLS

INC.

PRE-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: 350' of 24" O. D., .375"W. T. P. E. Casing.

SCREEN AND BLANK LINER:

FROM	TO	DESCRIPTION
350'	510'	12-3/4" Blank Liner
510'	540'	12-3/4" S. S. Screen
540'	570'	12-3/4" Blank Liner
570'	690'	12-3/4" S. S. Screen
690'	750'	12-3/4" Blank Liner
750'	780'	12-3/4" S. S. Screen
780'	780'	12-3/4" Blank Liner
780'	810'	12-3/4" S. S. Screen
810'	815'	12-3/4" Blank Liner
815'	870'	12-3/4" S. S. Screen
870'	875'	12-3/4" Blank Liner
875'	995'	12-3/4" S. S. Screen
995'	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'	1165'	12-3/4" S. S. Screen

65-13-6a
65-13-604

MEMBER TEXAS WATER WELL DRILLING CONTRACTORS ASSOCIATION

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

City of Houston
Houston, Texas

Water Well No. Heights 18

SETTING DATA (cont'd)

FROM	TO	DESCRIPTION
1155'	1180'	12-3/4" Blank Liner
1180'	1220'	S. S. Screen
1220'	1260'	Blank Liner
1260'	1300'	S. S. Screen
1300'	1340'	Blank Liner
1340'	1380'	S. S. Screen
1380'	1420'	Blank Liner
1420'	1460'	S. S. Screen
1460'	1500'	Blank Liner
1500'	1540'	S. S. Screen
1540'	1580'	Blank Liner
1580'	1620'	S. S. Screen
1620'	1660'	Blank Liner
1660'	1700'	S. S. Screen
1700'	1740'	Blank Liner
1740'	1780'	S. S. Screen
1780'	1820'	Blank Liner
1820'	1860'	S. S. Screen
1860'	1900'	Blank Liner
1900'	1940'	S. S. Screen
1940'	1980'	Blank Liner
1980'	2020'	S. S. Screen
2020'	2060'	Blank Liner
		with bowl pulsometer valve and cast iron plug.

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 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 12
Water Level 287'
Airline 287'

PUMPING TEST

TIME	HEAD IN INCHES	PUMPING LEVEL	GPM
1:00 pm started test			
2:00	23	304	2360
3:00	23.5	304	2382
4:00	23	303	2360
5:00	25	312	2461
6:00	25	312	2461
7:00	25	312	2461
8:00	25	312	2461
9:00	24	310	2439
10:00	24	310	2439
11: 00	24	312	2439
12:00	25	312	2461
1:00 Am	26	312	2513
2:00	26	312	2513
3:00	26	310	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	2465
7:00	24.5	315	2485
8:00	24	315	2409

65-13-604a
65-13-604

MEMBER TEXAS WATER WELL DRILLING CONTRACTORS ASSOCIATION

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

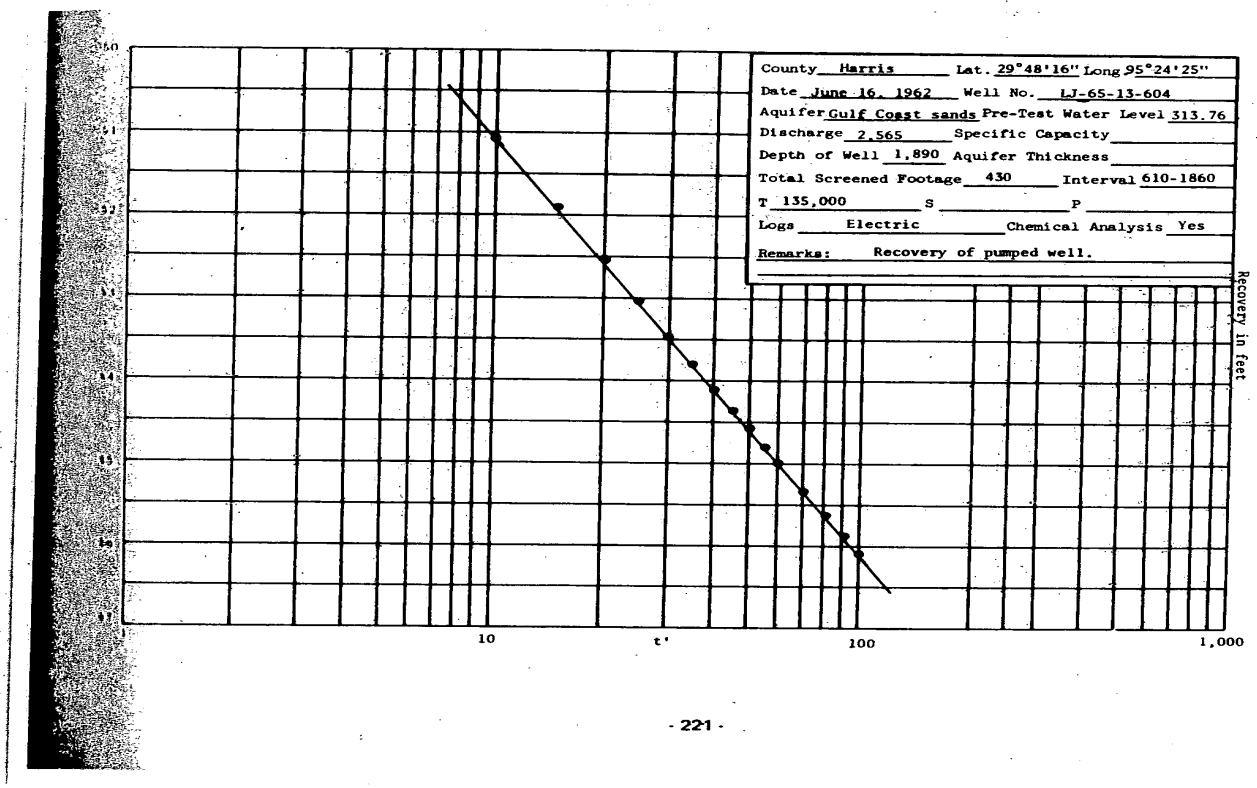
City of Houston
Heights #16

July 13, 1962
Page 2

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	269.98
1:40	269.66
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
65-13-6c


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

- 221 -

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 283 **Distance from Property: 4.05 mi. WNW**

STATE ID:	**65-13-607**
OWNER'S NAME:	**CITY OF HOUSTON HEIGHTS #8**
DATE DRILLED:	**00/00/1938**
DEPTH DRILLED:	**1252'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.405260000**
LATITUDE:	**29.803590000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513607/6513607.pdf**

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 (WAR 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 deg 48 min 10 sec N — Longitude: 095 degrees 24 min 18 sec W — Sequential number: 1

Lat-long accuracy: 1 — T. ____ S, R ____ W, Sec ____, ____ k, ____ k, ____ k

Local well number: LJ-65-13-607 — Other number: B & M #8 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, (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 wtd. — U

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Φ) 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.: 1938 — '69 Annual 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. (spn) Driller accuracy — 3

Depth cased; (first perf.) 558 ft — 558 — Casing type: S — Diam. 2½-12¾ in — 21

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) open end, (P) perf., screen, ed. pt., (S) shored, (T) open hole, (X) other — G

Method Drilled: (A) air rot, (B) bored, cable, dug, (D) Hyd rot., (J) jetted, (P) air percussion, rotary, (R) reverse trenching, (T) (V) driven, (W) wash, (Z) other — H

Date Drilled: 1938 — 9 3 8 — Pump intake setting: ____ ft

Driller: Layne Texas Co. (name) — Houston, Texas (address)

Lift (type): (A) air, (B) bucket, cent, (C) cent., (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other — T — Beep Shallow — D

Power (type): diesel, (elec) nat gas, gasoline, hand, gas, wind; LP; 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 — W 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-65-13-607

Well No. LJ-65-13-607

Latitude-longitude 29 d 48 m 10 s 095 d 24 m 18 s

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, (Ø) 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: ✓ 387 ft [38-40] 387 Depth to top of: ____ ft [41-43]

MINOR AQUIFER: ____ system, ____ series [44-45] Q ____ aquifer, formation, group [46-47] CL

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]

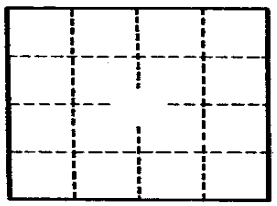
Surficial material: ____ [70-71] Infiltration characteristics: ____ [72]

Coefficient Trans: ✓ ____ gpd/ft [73-75] Coefficient Storage: ____ [76-78]

Coefficient Perm: ✓ ____ gpd/ft²; Spec cap: ✓ ____ gpm/ft; Number of geologic cards: ____ [79]

* screen:

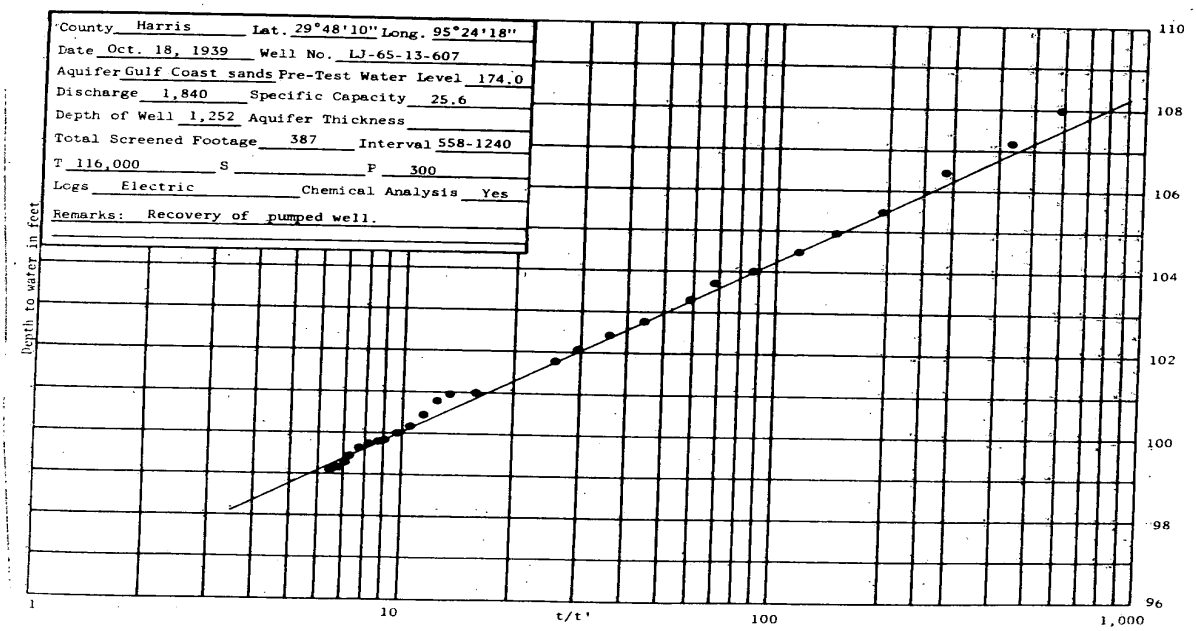
558-580	22
679-760	81
778-829	51
958-1007	49
1017-1042	25
1062-1156	94
1175-1240	65



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.
Depth to water in feet
110
108
106
104
102
100
98
96
1
10
t/t'
100
1,000

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 283 **Distance from Property: 4.05 mi. WNW**

STATE ID:	**65-13-606**
OWNER'S NAME:	**CITY OF HOUSTON HEIGHTS #5**
DATE DRILLED:	**00/00/1931**
DEPTH DRILLED:	**1858'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.405270000**
LATITUDE:	**29.803590000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513606/6513606.pdf**

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 - _____ 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
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- Y Logs- Other Data- AC

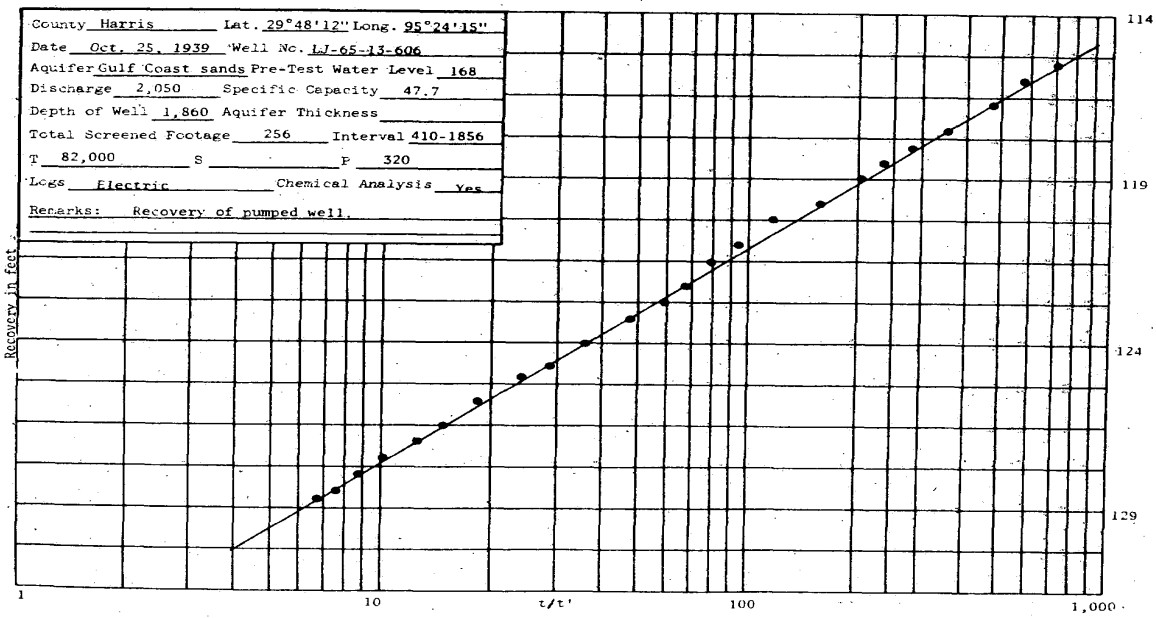
WATER LEVELS Date- 11/14/1938 Measurement- -63.60
Date- 02/13/1964 Measurement- -210.70

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.

Aquifer - 112CEVG
Well No. - 65 13 606

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


County Harris Lat. 29°48'12" Long. 95°24'15"
Date Oct. 25, 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.
Recovery in feet
114
119
124
129
1
10
t/t'
100
1,000

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 283 **Distance from Property: 4.05 mi. WNW**

STATE ID:	**65-13-614**
OWNER'S NAME:	**CITY OF HOUSTON HEIGHTS #3**
DATE DRILLED:	**00/00/1924**
DEPTH DRILLED:	**1039'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.405270000**
LATITUDE:	**29.803600000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513614/6513614.pdf**

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 — Longitude: 095 24 19 — Sequential number: 1

Lat-long accuracy: 1 — T. ___ N/S, R ___ W/E, Sec ___, ___, ___, ___

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) 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) Ind, (N) P S, (R) 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 1037 — Meas. Driller accuracy — 6

Depth cased; (first perf.): 514 ft 5114 — 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., 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, (F) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (X) other: ___ — H

Date Drilled: 1924 — 9 2 4 — 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, submerg, (S) turb, (X) other: N — Deep / Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; nat, LP, 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-[illegible]-614

Latitude-longitude 29 d 48 m 11 s 095 d 24 m 19 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD | Physiographic Province: Coastal Plain 03 | Section: West

SCP F | Drainage Basin: 51 17 | Subbasin:

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (R) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat

MAJOR AQUIFER: system, series T E aquifer, formation, group

Lithology: Origin: Aquifer Thickness: ft

Length of well open to: 303 ft 3 0 3 Depth to top of: 514 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: 514-564; 579-676; 691-740; 823-925; 969-1034.

Depth to consolidated rock: ft Source of data:

Depth to basement: ft Source of data:

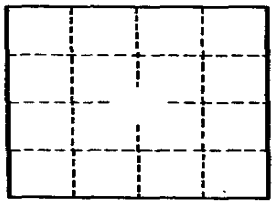
Surficial material: Infiltration characteristics:

Coefficient Trans: gpd/ft Coefficient Storage:

Coefficient Perm: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards:

Layne-Texas (3-20-90) set 4" liner surface to top of 12" csg (98') 3½" packer set in top of 12" csg.

98' of 24" csg.



Well No. LJ-65-13-614

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 283 **Distance from Property: 4.05 mi. WNW**

STATE ID:	**65-13-613**
OWNER'S NAME:	**CITY OF HOUSTON HEIGHTS #2**
DATE DRILLED:	**00/00/1923**
DEPTH DRILLED:	**1362'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.405280000**
LATITUDE:	**29.803600000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513613/6513613.pdf**

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 - _____

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 -

| 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 13 613

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

WATER UTILITY DATABASE (WUD)

MAP ID# 283 **Distance from Property: 4.05 mi. WNW**

PWSID:	**1010013**
SOURCE ID:	**G1010013X**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**04/00/1962**
SCREEN BOTTOM:	**1,844.00'**
SCREEN TOP:	**604.00'**
GALLONS PER MINUTE:	**1,447**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.406814580**
LATITUDE:	**29.804683690**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 283 **Distance from Property: 4.05 mi. WNW**

PWSID:	**1010013**
SOURCE ID:	**G1010013GW**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**07/21/1931**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.404441830**
LATITUDE:	**29.803611760**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 283 **Distance from Property: 4.05 mi. WNW**

PWSID:	**1010013**
SOURCE ID:	**G1010013GU**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**03/05/1923**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.405555730**
LATITUDE:	**29.802778240**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 283 **Distance from Property: 4.05 mi. WNW**

PWSID:	**1010013**
SOURCE ID:	**G1010013GV**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1924**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.405555730**
LATITUDE:	**29.802778240**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 283 **Distance from Property: 4.05 mi. WNW**

PWSID:	**1010013**
SOURCE ID:	**G1010013GZ**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1938**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.404441830**
LATITUDE:	**29.802778240**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 283 **Distance from Property: 4.05 mi. WNW**

PWSID:	**1010013**
SOURCE ID:	**G1010013HE**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1965**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.405555730**
LATITUDE:	**29.803611760**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 283 **Distance from Property: 4.05 mi. WNW**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294812095241601**
STATION NAME: **LJ-65-13-624**
SITE TYPE: **GW**
LATITUDE: **29.803606000** LONGITUDE: **-95.405261000**
DATE DRILLED: **02/01/1965**
WELL DEPTH: **1730 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 283 **Distance from Property: 4.05 mi. WNW**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294811095241901**
STATION NAME: **LJ-65-13-614**
SITE TYPE: **GW**
LATITUDE: **29.803590000** LONGITUDE: **-95.405270000**
DATE DRILLED: **01/01/1924**
WELL DEPTH: **1039 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 283 **Distance from Property: 4.05 mi. WNW**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294816095242501**
STATION NAME: **LJ-65-13-604**
SITE TYPE: **GW**
LATITUDE: **29.803590000** LONGITUDE: **-95.405260000**
DATE DRILLED: **04/10/1962**
WELL DEPTH: **1890 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 283 **Distance from Property: 4.05 mi. WNW**

WELL ID:	**1068**
OWNERS NAME:	**HOUSTON, CITY OF**
YEAR DRILLED:	**1962**
DEPTH DRILLED:	**1890'**
STATIC LEVEL:	**610'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.405261000**
LATITUDE:	**29.803606000**
SOURCE:	**HGSD**

MAP ID# 284 **Distance from Property: 4.05 mi. W**

TRACK #: **404314**
DATE ENTERED: **2015-09-11**
OWNER NAME: **CAMPO, RICHARD**
OWNER ADDRESS: **2910 LAZY LANE**
HOUSTON, TX 77019
COUNTY: **HARRIS**
LATITUDE: **29.756112000** LONGITUDE: **-95.417500000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=404314&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2015-07-08**
DRILLING DATE (COMPLETED): **2015-07-14**
DEPTH DRILLED: **361'**

WATER LEVEL:
STATIC LEVEL: **175'**
WATER LEVEL DATE: **2015-07-12**
TYPE OF WATER: **NOT TESTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
IRRIGATION
COMPANY INFORMATION:
COMPANY NAME: **ALMEDA WATER WELL SERVICE**
COMPANY ADDRESS: **PO BOX 266**
MANVEL, TX 77578

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 284 **Distance from Property: 4.05 mi. W**

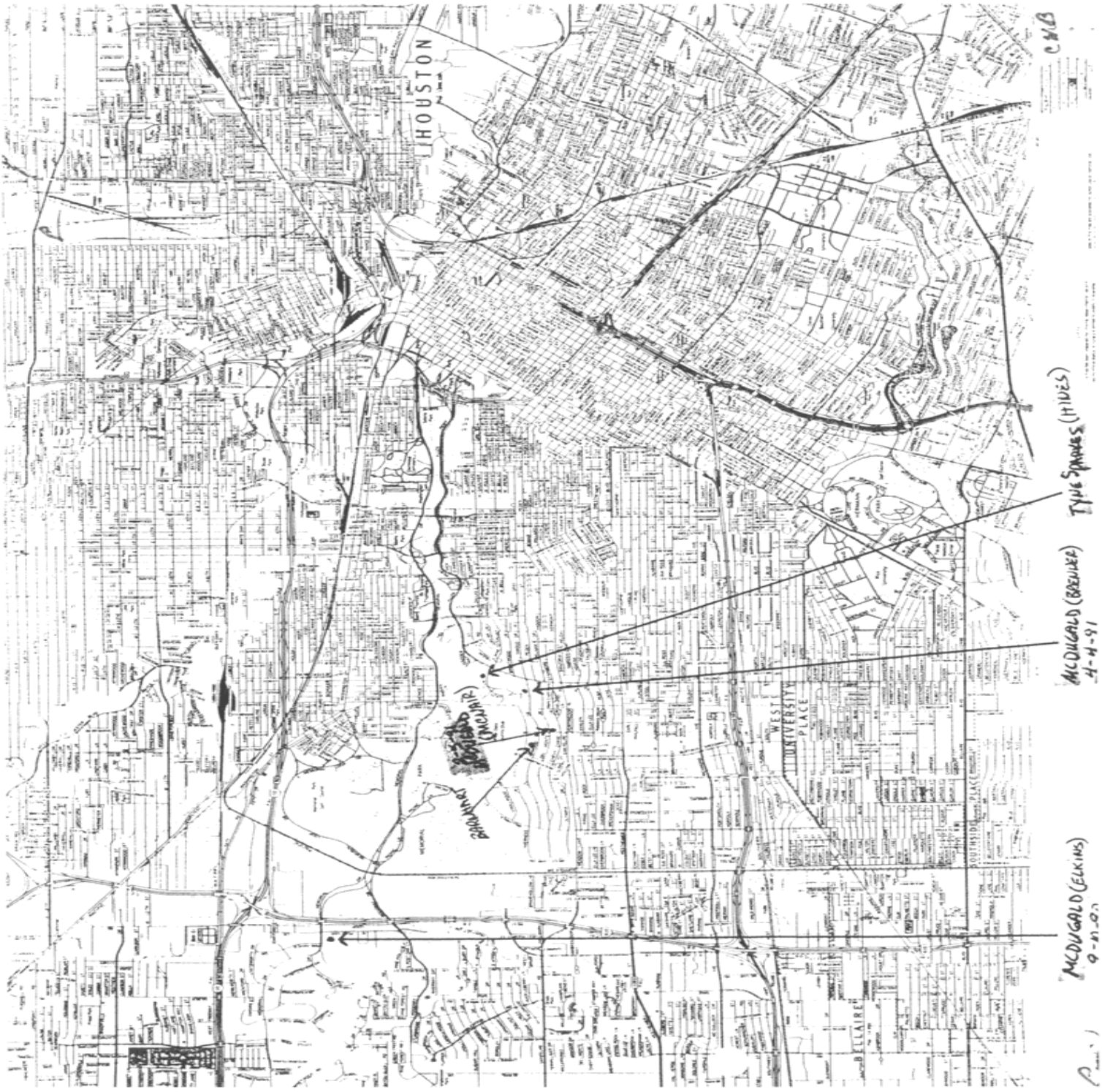
WELL ID:	**13062**
OWNERS NAME:	
YEAR DRILLED:	**Not Reported**
DEPTH DRILLED:	**450'**
STATIC LEVEL:	**430'**
WATER USAGE:	
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.417402000**
LATITUDE:	**29.756391000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 285 **Distance from Property: 4.08 mi. W**

ID NUMBER:	**TX206116**
STATE ID :	**65-13-8**
OWNER NAME:	**TYNES SPARKS BLDING CORP**
DATE DRILLED:	**02/12/1991**
DEPTH DRILLED:	**514'**
STATIC LEVEL:	**255'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.418112000**
LATITUDE:	**29.757043000**

3 PAGE(S) OF DRILLERS' LOGS


HOUSTON
WEST UNIVERSITY PLACE
BELLAIRE
TYPE SPARGES (HIVES)
MCDUGALD (BREWER)
4-4-91
MCDUGALD (ELKINS)
9-11-90

STATE OF TEXAS WATER WELL REPORT (PAGE 2)

OWNER: TYNES SPARKS BLDING CORP. ADDRESS: ,5 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

C W B

Love

STATE OF TEXAS WATER WELL REPORT

1) OWNER: TYNES SPARKS BLDING CORP. ADDRESS: 505 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 7) BOREHOLE METHOD:

DIAMETER	FROM	TO	
8.0	0	493	TWO STRING/K-PACKER
4.75	493	514	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. ALTER. 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

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 286 **Distance from Property: 4.08 mi. WSW**

WELL ID:	**12419**
OWNERS NAME:	**KLAES, DANIEL**
YEAR DRILLED:	**201**
DEPTH DRILLED:	**65'**
STATIC LEVEL:	**55'**
WATER USAGE:	
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.417328000**
LATITUDE:	**29.753661000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 287 **Distance from Property: 4.09 mi. SSE**

STATE ID:	**65-22-217**
OWNER'S NAME:	**PETROLEUM RECTIFYING CO.**
DATE DRILLED:	**00/00/1941**
DEPTH DRILLED:	**505'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.329760000**
LATITUDE:	**29.711380000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522217/6522217.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 217 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 42 42 Longitude - 95 19 35 Source of Coords - 1

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

Owner - Petroleum Rectifying Co.

Driller - Texas Water Supply Corp.

Address _____ Tenant/Oper. _____
Date Drilled - / /1941 Depth - 505 ft. Source of Depth - D Altitude - 38 ft. Source of Alt. - M
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER Well Type - W User -

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

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 - 10

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 -

| 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 22 217

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 288 **Distance from Property: 4.10 mi. NNE**

STATE ID:	**65-14-402**
OWNER'S NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1949**
DEPTH DRILLED:	**1901'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.333120000**
LATITUDE:	**29.825870000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514402/6514402.pdf**

WRD Exp. (GW)
April 1966

Well No. LJ-65-14-402

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD (F. Brown) R.K.G (7-11-63)

Record by P.B.A. (3-10-61) Source of data FILES Date 2-20-68 Map Setting 1:24000 1955

State Texas 48 County (or town) Harris LJ

Latitude: 29 45 32 N/S Longitude: 095 20 06 Sequential number: 1

Lat-long accuracy: 1 T. S. R. W. Sec , , ,

Local well number: LJ-65-14-402 Other number: NORTHEAST #7 B & M

Local use: Owner of 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) 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) 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 Exs, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (V) Withdrawl, (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: 12-13-49 I Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: E-Log U-19 E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1201 ft 1901 Meas. rep. DRILLER accuracy 3

Depth cased: (first perf.) 1001 ft 1001 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., screen, (S) 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, rotary, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other — H

Date Drilled: 1949 9 4 9 Pump intake setting: ft

Driller: LAYNE-TEXAS Co. name, HOUSTON, TEXAS address

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, multiple (cent.), (M) multiple (turb.), (N) nose, (P) piston, (R) rot, submerg, (S) 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 ft above/below LSD. Alt. MP 61'

Alt. LSD: 61' 61 Accuracy: (source) 5' Topo 3

Water Level 153.11 ft above/below MP ft above/below LSD 153 Accuracy: MEAS. A

Pz 207.95 153.11 49.84

Date meas: 12-13-49 D 4 9 Yield: 261.0 gpm 2610 Method determined

Drawdown: 50 ft 50 Accuracy: USGS, WPAS, WD 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-65-14-402

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Well No. LJ-65-14-402

Latitude-longitude 29,47,32 N 095,20,06
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD [1] Physiographic Province: COASTAL PLAINS [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: 417 ft [38-40] 417 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: 1001-1133, 1223-1293, 1304-1338, 1414-1460, 1585-1620, 1630-1730

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]

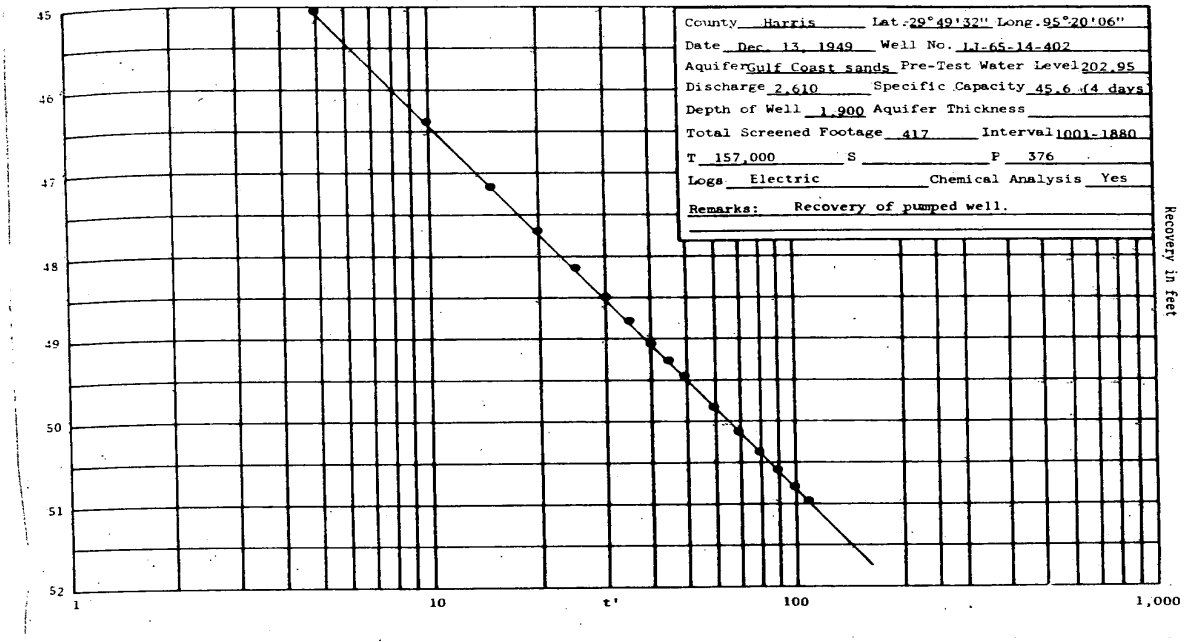
Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ [79]

* Screens:
1150-1170
1840-1880

607' of 24" csg.
12 3/4 from 495 to 1901

Well No. LJ-65-14-402

GPO 857-700


County Harris Lat. 29°49'32" Long. 95°20'06"
Date Dec. 13, 1949 Well No. LI-65-14-402
Aquifer Gulf Coast sands Pre-Test Water Level 202.95
Discharge 2,610 Specific Capacity 45.6 (4 days)
Depth of Well 1,900 Aquifer Thickness
Total Screened Footage 417 Interval 1001-1880
T 157,000 S P 376
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
45
46
47
48
49
50
51
52
1
10
t'
100
1,000
Recovery in feet

WATER UTILITY DATABASE (WUD)

MAP ID# 288 **Distance from Property: 4.10 mi. NNE**

PWSID:	**1010013**
SOURCE ID:	**G1010013AL**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**10/25/1949**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.333335880**
LATITUDE:	**29.825834270**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 288 **Distance from Property: 4.10 mi. NNE**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294932095200601**
STATION NAME: **LJ-65-14-402**
SITE TYPE: **GW**
LATITUDE: **29.825881000** LONGITUDE: **-95.333118000**
DATE DRILLED: **01/01/1949**
WELL DEPTH: **1901 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 288 **Distance from Property: 4.10 mi. NNE**

WELL ID:	**1088**
OWNERS NAME:	**HOUSTON, CITY OF**
YEAR DRILLED:	**1949**
DEPTH DRILLED:	**1901'**
STATIC LEVEL:	**999'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.333118000**
LATITUDE:	**29.825881000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 289 **Distance from Property: 4.11 mi. SW**

ID NUMBER:	**TX205403**
STATE ID :	**65-22-4**
OWNER NAME:	**DAVID BERG**
DATE DRILLED:	**09/22/1997**
DEPTH DRILLED:	**520'**
STATIC LEVEL:	**205'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.395983000**
LATITUDE:	**29.722644000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified return receipt requested ma TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-308

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 DAVID BERG (Name) ADDRESS 16 SUNSET (Street or RFD) HOUSTON (City) TX. (State) 77005 (Zip)

2) ADDRESS OF WELL: County HARRIS 16 SUNSET (Street, RFD or other) HOUSTON (City) TX. (State) 77005 (Zip) GRID # 65-22-4

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 9-15 19 97 Completed 9-22 1997

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
7-7/8	Surface	500
4-1/2	500	520

7) DRILLING METHOD (Check): ☐ Driven ☑ Mud Rotary ☐ Bored ☐ Air Rotary ☐ 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	CLAY
30	80	SAND
80	140	RED CLAY - SHALE
140	240	SAND
240	320	SHALE + RED CLAY
320	460	SAND
460	480	CLAY
480	520	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
5"	N	PVC CASING	494	0	SDR-17
2 1/2"	N	PVC LINER	494	460	SCH 40
2 1/2"	N	PVC SCREEN	520	494	.008

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 494 ft. to 0 ft. No. of sacks used 40
0 ft. to 15 ft. No. of sacks used 12
Method used HALLIBURTON
Cemented by ROBINSON WATER WELL SERVICE, INC.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance N/A

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 9-22-97
Artesian flow _____ gpm. Date _____

12) PACKERS: Type K Depth 460

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., 399 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. (Street or RFD) HOUSTON (City) TX. (State) 77086 (Zip)

(Signed) Rob Robinson B.J. (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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 289 **Distance from Property: 4.11 mi. SW**

ID NUMBER:	**TX204949**
STATE ID :	**65-22-1**
OWNER NAME:	**DAVID BERG**
DATE DRILLED:	**03/09/2001**
DEPTH DRILLED:	**460'**
STATIC LEVEL:	**245'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.395983000**
LATITUDE:	**29.722644000**

1 PAGE(S) OF DRILLERS' LOGS

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
DAVID BERG	16 SUNSET	HOUSTON,	TX.	77005

2) WELL LOCATION

County	Physical Address	City	State	Zip
HARRIS	16 SUNSET	HOUSTON,	TX.	77005

Lat. | Long. | Grid # 65-22-1

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 3 / 7 / 01
Completed 3 / 9 / 01

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
8"	0	460'

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	30	BLACK CLAY
30	120	SAND
120	180	CLAY, ROCK
180	260	SHALE, ROCK
260	360	SAND
360	390	CLAY, SHALE
390	460	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	Gage Screen
5"	N	PVC CASING	400	0	SDR17	
2.5"	N	PVC LINER	435	385	SCH 40	
2.5"	N	PVC SCREEN	460	435		.012

9) Cementing Data
Cementing from 400 ft. to 0 ft. # of sacks used 26
9 ft. to 15 ft. # of sacks used 15
Method Used HALLIBURTON METHOD
Cementing By ROBINSON WATER WELL SERVICE, INC.
Distance to septic system field or other concentrated contamination N/A ft.
Method of verification of above distance OWNER

13) Plugged ☐ 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
☑ 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.

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

11) Water Level
Static level 245 ft. below Date 3 / 9 / 01
Artesian Flow ____ gpm Date / /

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 K Depth 385

Company or individual's Name (type or print)	ROBINSON WATER WELL SERVICE, INC.	Lic. No. 54211 PKW DAVID HELMS
Address 11819 W. MONTGOMERY RD.	City HOUSTON	State TX. Zip 77086

Signature Licensed Driller/Pump Installer	Date	Signature Apprentice	Date
David Helms III	4 / 20 / 01		/ /

TDLR FORM 6001WWD White - TDLR Yellow - Owner Pink - Driller/Pump Installer

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 290 **Distance from Property: 4.12 mi. S**

WELL ID:	**13307**
OWNERS NAME:	
YEAR DRILLED:	**Not Reported**
DEPTH DRILLED:	**400'**
STATIC LEVEL:	**380'**
WATER USAGE:	
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.353039000**
LATITUDE:	**29.708116000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 291 **Distance from Property: 4.13 mi. SW**

ID NUMBER:	**TX206026**
STATE ID :	**65-21-3**
OWNER NAME:	**MICHAEL FLYNN**
DATE DRILLED:	**07/11/2001**
DEPTH DRILLED:	**70'**
STATIC LEVEL:	**15'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.396901000**
LATITUDE:	**29.723021000**

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 206026

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
MICHAEL FLYNN	20 SUNSET BLVD.	HOU	TX	77005

2) WELL LOCATION

County	Physical Address	City	State	Zip
HARRIS	SAME			

Lat. | Long. | Grid # 65-21-3

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 7 / 10 / 01
Completed 7 / 11 / 01

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
7	0	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	25	CLAY
25	35	SAND
35	40	CLAY
40	60	SAND 4 GA.
60	61	ROCK
61	70	SAND 6 GA.

(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 60 ft. to 70 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	Gage Screen
4	N	Casing PLASTIC	0	60	540	
4	N	Screen " "	60	70		006

9) Cementing Data
Cementing from 0 ft. to 60 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 50+ ft.
Method of verification of above distance Customer

RECEIVED
SEP 27 2001

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

11) Water Level
Static level 15 ft. below Date 7 / 11 / 01
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
NONE	

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. 60 ft.

15) Water Test
Typetest ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 70 gpm with 10 ft. drawdown after 1 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 Licensed Driller/Pump Installer	Date 7 / 11 / 01	Signature Apprentice	Date / /

TDLR FORM 001WWD White - TDLR Yellow - Owner Pink - Driller/Pump Installer

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 292 **Distance from Property: 4.14 mi. NW**

STATE ID:	**65-13-625**
OWNER'S NAME:	**NATIONAL FORGE CO.**
DATE DRILLED:	**01/08/1969**
DEPTH DRILLED:	**410'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.402660000**
LATITUDE:	**29.808490000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513625/6513625.pdf**

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

Completion

Casing Material

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 -** 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

Well Number - 6513625

Wednesday, February 01, 2006

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 292 **Distance from Property: 4.14 mi. NW**

ID NUMBER:	**TX206822**
STATE ID :	**65-13-3C**
OWNER NAME:	**NATIONAL FORGE CO**
DATE DRILLED:	**01/15/1969**
DEPTH DRILLED:	**410'**
STATIC LEVEL:	**168'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.402660000**
LATITUDE:	**29.808490000**

1 PAGE(S) OF DRILLERS' LOGS

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: 1-8
Form GW 8
Form GW 9

1) OWNER:
Person having well drilled National Forge Co., Address 330 W 25th St. Houston, Texas
(Name) (Street or RFD) (City) (State)

Landowner Same Address Same
(Name) (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 1-15-69

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	18'	Surface
18	39	Sand
39	190	Clay
190	194	Fine sand
192	216	Clay blue
216	240	Brackish sand
240	330	Clay & shale
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 1-8-69
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. M. 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. M. Talley (Type or Print) Water Well Drillers Registration No. 978

Address 4631 Allum Road (Street or RFD) Houston (City) Texas (State)

(Signed) W. M. Talley (Water Well Driller) American Pail, Co (Company Name)

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

GW

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 292 **Distance from Property: 4.14 mi. NW**

WELL ID:	**2198**
OWNERS NAME:	**NATIONAL FLAME & FORGE, INC.**
YEAR DRILLED:	**1965**
DEPTH DRILLED:	**612'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.402664000**
LATITUDE:	**29.808485000**
SOURCE:	**HGSD**

WATER UTILITY DATABASE (WUD)

MAP ID# 293 **Distance from Property: 4.15 mi. SSW**

PWSID:	**1010013**
SOURCE ID:	**G1010013AX**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1953**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.382911680**
LATITUDE:	**29.714330670**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 294 **Distance from Property: 4.15 mi. WSW**

STATE ID:	**65-13-815**
OWNER'S NAME:	**S. P. FARISH**
DATE DRILLED:	**00/00/1938**
DEPTH DRILLED:	**525'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.418390000**
LATITUDE:	**29.753240000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513815/6513815.pdf**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 295 **Distance from Property: 4.16 mi. W**

WELL ID:	**14265**
OWNERS NAME:	**ARNOLD, MATT**
YEAR DRILLED:	**Not Reported**
DEPTH DRILLED:	**400'**
STATIC LEVEL:	**380'**
WATER USAGE:	
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.418918000**
LATITUDE:	**29.754905000**
SOURCE:	**HGSD**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 295 **Distance from Property: 4.16 mi. W**

WELL ID:	**14595**
OWNERS NAME:	
YEAR DRILLED:	**Not Reported**
DEPTH DRILLED:	**400'**
STATIC LEVEL:	**380'**
WATER USAGE:	
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.418918000**
LATITUDE:	**29.754905000**
SOURCE:	**HGSD**

WATER UTILITY DATABASE (WUD)

MAP ID# 296 **Distance from Property: 4.16 mi. NNW**

PWSID:	**1010013**
SOURCE ID:	**G1010013OH**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**05/00/1941**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.370552060**
LATITUDE:	**29.826110840**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 296 **Distance from Property: 4.16 mi. NNW**

STATE ID:	**65-14-424**
OWNER'S NAME:	**CITY OF HOUSTON OAKWOOD**
DATE DRILLED:	**05/00/1941**
DEPTH DRILLED:	**753'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.370768000**
LATITUDE:	**29.826337000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514424/6514424.pdf**

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 - _____

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 - 112CEVG
Well No. - 65 14 424

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 297 **Distance from Property: 4.17 mi. SSW**

STATE ID:	**65-21-302**
OWNER'S NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**07/11/1953**
DEPTH DRILLED:	**1670'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.384923000**
LATITUDE:	**29.714915000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521302/6521302.pdf**

WRD Exp. (GW)
April 1966

Well No. J-65-21-302

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD (T. Brown) P.Rec.(7-22-63)

Record by W.L.N.(10-11-61) Source of data FILES Date 2-21-68 Map Bellaire 1955 1:24000

State Texas 48 County (or town) Harris LJ

Latitude: 29 deg 42 min 51 sec N/S Longitude: 095 degrees 22 min 57 sec E/W Sequential number: 1

Lat-long accuracy: 1 T. S, R W. Sec , , ,

Local well number: LJ-65-21-302 Other number: SOUTH END # 8 B & M

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) 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 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) Withdrew, (X) Waste, (Z) Destroyed W

DATA AVAILABLE: Well data 1 Freq. W/L meas.: Annual 1953 — S Field aquifer char.

Byd. lab. data:

Qual. water data; type:

Freq. sampling: 7-1-53 A Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: Log To 2720' E-Log AA-25 E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1670 ft 1670 Meas. (rept.) Driller accuracy 3

Depth cased: (first perf.) 710 ft 710 Casing type: S ; Diam. 29-12¾ 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., (S) shored, (T) open hole, (Z) other G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot, (J) jetted, (P) air percussion, rotary, (R) reverse trenching, (V) driven, (W) drive wash, (Z) other H

Date Drilled: 7-11-53 9 5 3 Pump intake setting: ft

Driller: TEXAS WATER WELLS, INC. (name) Houston Texas (address)

Lift (type): 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 BREATHER HOLE +3.5 ft Corp below LSD. Alt. MP

Alt. LSD: 46' 4 6 Accuracy (source): 5' TOPO 3

Water Level 325.8 ft above (below) MP; Ft above (below) LSD 3 2 6 Accuracy: MEAS. A

Date meas: 9-12-68 9 6 8 Yield: 1885 gpm 1 8 8 5 Method determined 4

Drawdown: 32 ft 3 2 Accuracy: MEAS. 0 Pumping period 96 hrs 9 6

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-65-21-302

Well No. LJ-65-21-302

Latitude-longitude 29 d 42 m 51 s N 095 d 22 m 57 s W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD [1] [19]

Physiographic Province: COASTAL PLAINS [0 3] [20 21] Section: [22]

[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: 335 ft [3 3 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: 710-780, 860-900, 1100-1140, 1420-1435, 1980-1650

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]

C59

0-599 = 24"

509-1670 = 12 3/4

ONE HOUR RECOVERY TEST

9-12-68

GPM = 1885

PL = 361.5 (MP +3.5)

SL = 329.3 (MP +7.5)

T = 101,400

SP. CAP. = 58.5

361.5
329.3
32.2 D/D

Well No. LJ-65-21-302

GPO 857-700

Water Austin, Texas

021396

Latitude ° ' " 29 42 51 | Longitude ° ' " 095 22 57 | Seq. No. 01

County code 201 County Harris

Well # LJ-65-21-302

Project number 7-4648-01000

Date 5-17-77 Time — Temp°C 25.5

Owner City of Houston

Address SOUTHEND #8

Date drld — WBF code 121 Evgl

Sample interval: (top) 710 (bottom) 1650

Water level — Appr Class 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

Ocd chem schedule I

Other

Herbicide Insecticide

Remarks:

Type 2 (1) Station identification number 29425109522570 1 (2–16)

Y M D: 77 05 17 (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	7100	03	
Sample interval BOTTOM	72016	1650	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	7800	01		7.8
Specific conductance	00095	4960	03		496
HCO_3	00440	2500	03		250
CO_3	00445	0000	01		0
Chloride (Cl)	00940	3000	02		30
Sulfate (SO_4)	00945	1200	02		12
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31625				
Strep-tococci	31673				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TX-730
(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017570

Latitude ° ' "	Longitude ° ' "	Seq. No.
29 42 51	095 22 57	01

County code 201 County Harris
Well # LJ-65-21-302
Project number 4648-01000
Date 2-10-76 Time — Temp°C 26.0
Owner City of Houston
Address Southend #8
Date drld _____ WBF code 21 EVGL
Sample interval: (top) 210 (bottom) 1650
Water level — Appr clear Use PS
Collector Moffatt Yield — GPM
Smpld aftr pmpg nominal Depth —
Pt of coll top on discharge pipe
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 | Station identification number 29425109522570 1

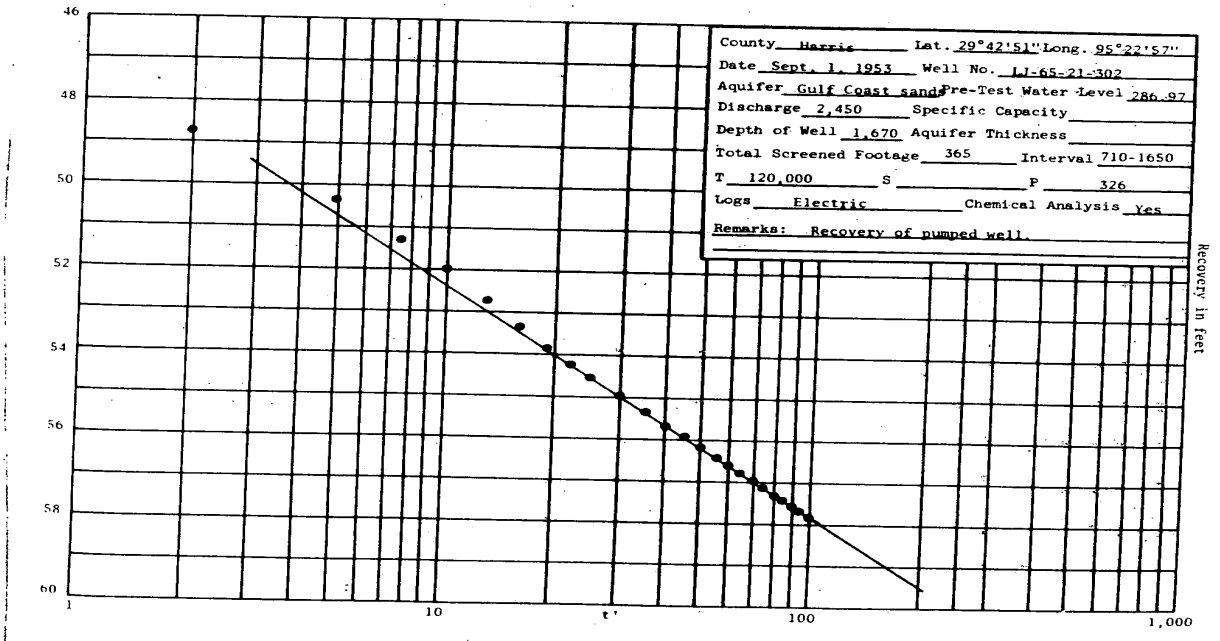
Y 76 M 02 D 10 Begin

Time of measurement

Parameter code	Value	Exp.	Rmk
Depth 72008			
Yield (GPM) 00059			
Sample interval TOP 72015	7100	03	
Sample interval BOTTOM 72016	1650	04	
Water level 72019			

Sampled after pumping	Parameter code	Value	Exp.	Rmk	
	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2600	02		26.0
pH	00400	6900	01		6.9
Specific conductance	00095	4880	03		488
HCO_3	00440	2430	03		243
CO_3	00445	0000	01		0
Chloride (Cl)	00940	2800	02		28
Sulfate (SO_4)	00945	1700	02		17
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967



GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 297 **Distance from Property: 4.17 mi. SSW**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294251095225701**
STATION NAME: **LJ-65-21-302**
SITE TYPE: **GW**
LATITUDE: **29.714915000** LONGITUDE: **-95.384923000**
DATE DRILLED: **07/11/1953**
WELL DEPTH: **1670 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 297 **Distance from Property: 4.17 mi. SSW**

WELL ID:	**1108**
OWNERS NAME:	**HOUSTON, CITY OF**
YEAR DRILLED:	**1953**
DEPTH DRILLED:	**1670'**
STATIC LEVEL:	**710'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.384948000**
LATITUDE:	**29.714935000**
SOURCE:	**HGSD**

MAP ID# 298 **Distance from Property: 4.18 mi. NE**

TRACK #: **25762**
DATE ENTERED: **2003-09-22**
OWNER NAME: **PICERNE DEVELOPMENT CORP**
OWNER ADDRESS: **247 N WEST MOUNT DR**
ALATMONTE SPRING, TX 32714
COUNTY: **HARRIS**
LATITUDE: **29.817778000** LONGITUDE: **-95.310278000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=25762&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2003-08-26**
DRILLING DATE (COMPLETED): **2003-08-27**
DEPTH DRILLED: **480'**

WATER LEVEL:
STATIC LEVEL: **205'**
WATER LEVEL DATE: **2003-08-27**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
IRRIGATION
COMPANY INFORMATION:
COMPANY NAME: **SCOTT DRILLING INC**
COMPANY ADDRESS: **11923 GREEN PINE CIRCLE**
HOUSTON, TX 77066

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 298 **Distance from Property: 4.18 mi. NE**

WELL ID:	**9557**
OWNERS NAME:	
YEAR DRILLED:	**2003**
DEPTH DRILLED:	**500'**
STATIC LEVEL:	**475'**
WATER USAGE:	**LAKE/POND/POOL**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.310295000**
LATITUDE:	**29.817802000**
SOURCE:	**HGSD**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 299 **Distance from Property: 4.18 mi. ENE**

WELL ID:	**2738**
OWNERS NAME:	**CORDELL, JAMES**
YEAR DRILLED:	**1954**
DEPTH DRILLED:	**702'**
STATIC LEVEL:	**350'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.293330000**
LATITUDE:	**29.803010000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 300 **Distance from Property: 4.19 mi. NW**

ID NUMBER:	**TX205347**
STATE ID :	**65-13-6E**
OWNER NAME:	**CORROSION PROTECTION**
DATE DRILLED:	**12/04/1976**
DEPTH DRILLED:	**337'**
STATIC LEVEL:	**159'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.402885000**
LATITUDE:	**29.809203000**

2 PAGE(S) OF DRILLERS' LOGS

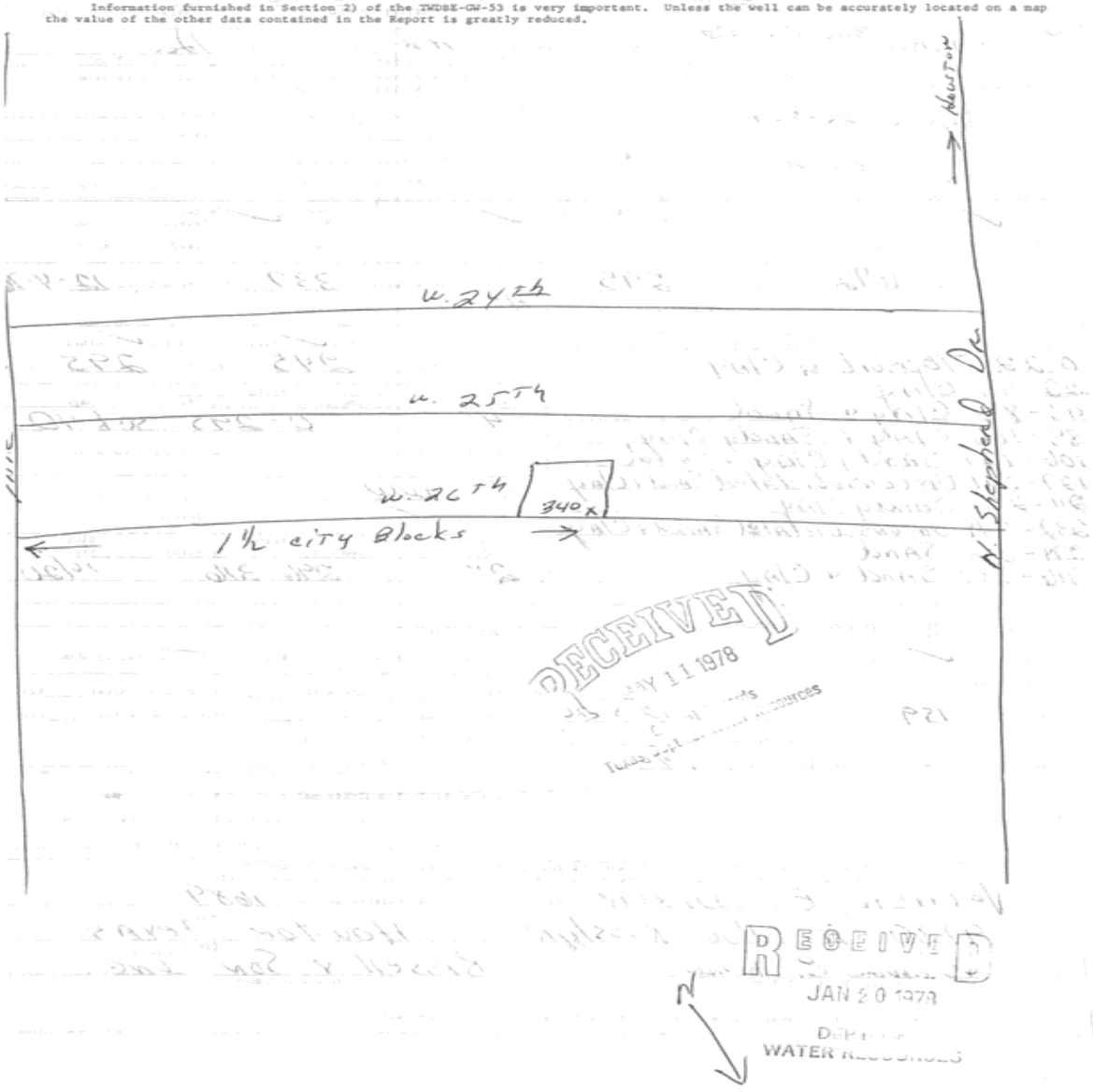
2) LOCATION OF WELL:

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.



44

65-13-6E

nd original copy by
rtified mail to the
xas Water Development Board
. O. Box 13087
stin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-13-6E
Located on map
Received: 12-8-76

1) OWNER:
Person having well drilled CORROSION PROTECTION (Name) Address 340 W. 26th (Street or RFD) Houston (City) 77008 TX. (State)

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

OUCH

(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 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
2	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.)	To (ft.)	Gage
4"	0	295	SCL 40

10) SCREEN:
Type WW
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	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.

WDB-W0-8

MAP ID# 301 **Distance from Property: 4.19 mi. E**

PWSID:	**1010013**
SOURCE ID:	**G1010013OO**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1946**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.280555730**
LATITUDE:	**29.767499920**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 301 **Distance from Property: 4.20 mi. E**

STATE ID:	**65-14-901**
OWNER'S NAME:	**CITY OF HOUSTON PLEASANTVILLEDIST 17**
DATE DRILLED:	**00/00/1946**
DEPTH DRILLED:	**858'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.280590000**
LATITUDE:	**29.767670000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514901/6514901.pdf**

WRD Exp. (GW)
April 1966

Well No. 65-14-901

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by FLUELLEN (J.P. McAdoo 11-48) Source of data File Date 1-17-68 Map Scattered 1955 1:24000

State Texas 48 County (or town) Harris LJ

Latitude: 29 46 03 N Longitude: 095 16 48 Sequential number: 1

Lat-long accuracy: 1 T. S, R W, Sec

Local well number: LJ-65-14-901 Other number: C-28 B & M

Local use: Owner was FWSD 17 Port Ho...from 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) 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) Mfg, (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, (Z) Destroyed — U Destroyed 1973

DATA AVAILABLE: Well data 8 Freq. W/L meas.: Quarterly 1949-1973 Q Field aquifer char.

Hyd. lab. data: drop M13 9-28 E24

Qual. water data; type:

Freq. sampling: Once Pumpage inventory: yes no. period:

Aperture cards: yes

Log data: E-Log (U-36) E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 558 ft 1958 Meas. Rept. Driller accuracy 3

Depth cased; (first perf.) 563 ft Casing type: S ; Diam. 18⅝-20 in 18

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, (E) 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, (E) other — H

Date Drilled: Nov. 1946 9 4 6 Pump intake setting: 390' (1998) 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, (U) other — T Deep D Shallow

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 75 V Trans. or meter no.

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: 40 40 Accuracy: (source) Topo 5' 3

Water Level 167 ft above below MP; Ft above below LSD 167 Accuracy: rept.

Date meas: Nov. 1946 N 4 6 Yield: 520 gpm 520 Method P determined

Drawdown: 45 ft 45 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-65-14-901

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Well No. LJ-65-14-901

Latitude-longitude 29 d 46 m 03 s 095 d 16 m 48.1 s

HYDROGEOLOGIC CARD

SAME AS OLD MASTER CARD (1-19) Physiographic Province: Coastal Plain (20-21) Section: West

G.C.P. (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)

Lithology: (32-33) Origin: (34) Aquifer Thickness: ft

(35-37) Length of well open to: 116 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: 563-583; 611-634; 729-760; 784-804; 818-840;

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)

557' of 18 5/8" csg set 2' above LSD.

117' of 8 5/8" Liner

440' Top of 8 5/8" Liner.

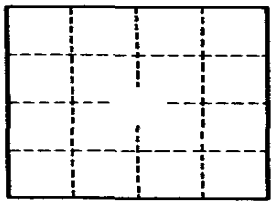
12-20-49

212.30 SD 8 min. +3.0

208.79 SD 15 min

207.00 SD 25 min

PL below 225' tape dry



Well No. LJ-65-14-901

GPO 857-700

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 302 **Distance from Property: 4.20 mi. N**

ID NUMBER:	**TX205384**
STATE ID :	**65-14-4A**
OWNER NAME:	**W.H. BROWN**
DATE DRILLED:	**01/??/1963**
DEPTH DRILLED:	**190'**
STATIC LEVEL:	**90'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.362120000**
LATITUDE:	**29.828540000**

1 PAGE(S) OF DRILLERS' LOGS

File original copy with Texas Water Commission P. O. Box 2311, Capitol Station Austin 11, Texas

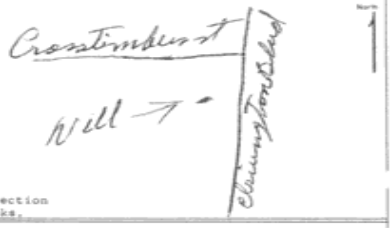
State of Texas

DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No. 63-14-112
Located on map
By JH Date 6-3
Map no. 108(8)

1) Well Owner: W R Brown - Crenshaw Blvd - Houston T-4
2) Land Owner: Same
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

3 miles in North direction from 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 6 in. Date drilled 1-63

All measurements made from ground 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	5	Top Soil			
5	23	Yellow clay			
23	41	Red "			
41	60	Brown sand			
60	115	Red clay			
115	126	8 Sand sand-water			
126	163	Red clay			
163	190	14 Sand-water sand			

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION
Straight wall ☑
Under reamed ☐
Gravel packed ☐
Open hole ☐
Other Screen

CASING
Type: Old ☐ New ☑
Cemented from ft.
to ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
4"	Top	190'

SCREEN
Type 12 GA - stainless steel
Perforated ☑ Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (ft)
4	180	190

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

Driller M. L. Dodson Reg. No. 324

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 90' ft. below Ground level

Pumping level feet	Pumping level hours	gpm
105	7	90

Pump type 3 HP Submersible
Designed pumping rate 90 gpm ☑ gph ☐
Type power unit Electric
Horsepower 3
Depth to bowls, cylinder, jet, etc., 146 ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company:

C-34 (62-4)

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 302 **Distance from Property: 4.20 mi. N**

STATE ID:	**65-14-437**
OWNER'S NAME:	**W. R. BROWN**
DATE DRILLED:	**00/00/1963**
DEPTH DRILLED:	**190'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.362120000**
LATITUDE:	**29.828540000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514437/6514437.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 437 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 49 42 Longitude - 95 21 43 Source of Coords - 2

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

Owner - W. R. Brown Driller - M. A. Dodson

Address _____ Tenant/Oper. _____
Date Drilled - / /1963 Depth - 190 ft. Source of Depth - Altitude - 69 ft. Source of Alt. -
Aquifer - 112CHCTU CHICOT AQUIFER,UPPER Well Type - W User -

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

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- 01/00/1963 Measurement- -90.00
Date- / / Measurement-

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

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD
REMARKS -
TWDB R178: Screen from 180 to
190 ft.

| 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 - 112CHCTU
Well No. - 65 14 437

MAP ID# 303 **Distance from Property: 4.21 mi. WSW**

TRACK #: **228016**
DATE ENTERED: **2010-08-24**
OWNER NAME: **SCHLENKER, CALVIN & JILL**
OWNER ADDRESS: **2909 INWOOD**
HOUSTON, TX 77019
COUNTY: **HARRIS**
LATITUDE: **29.759445000** LONGITUDE: **-95.430278000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=228016&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2010-08-12**
DRILLING DATE (COMPLETED): **2010-08-16**
DEPTH DRILLED: **406'**

WATER LEVEL:
STATIC LEVEL: **210'**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **O'DAY DRILLING COMPANY, INC.**
COMPANY ADDRESS: **5923 CR 931**
ROSHARON, TX 77583

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 304 **Distance from Property: 4.22 mi. WNW**

ID NUMBER:	**TX206124**
STATE ID :	**65-13-8**
OWNER NAME:	**JESTER APARTMENTS PARTNERS**
DATE DRILLED:	**03/05/2002**
DEPTH DRILLED:	**393'**
STATIC LEVEL:	**214'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.418903000**
LATITUDE:	**29.784997000**

1 PAGE(S) OF DRILLERS' LOGS

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-

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION
If Public Supply well, were plans submitted to the TNRCC?

5)

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.

N^

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 CB
MAR 15 2002
RECEIPT # AMOUNT

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 304 **Distance from Property: 4.22 mi. WNW**

WELL ID:	**8849**
OWNERS NAME:	**STONEWOOD APARTMENTS**
YEAR DRILLED:	**2002**
DEPTH DRILLED:	**450'**
STATIC LEVEL:	**430'**
WATER USAGE:	**OTHER**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.418889000**
LATITUDE:	**29.785000000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 305 **Distance from Property: 4.22 mi. ENE**

STATE ID:	**65-14-909**
OWNER'S NAME:	**TEXAS PIPE LINE CO.**
DATE DRILLED:	**00/00/1919**
DEPTH DRILLED:	**897'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.285250000**
LATITUDE:	**29.791030000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514909/6514909.pdf**

WRD Exp. (GW)
April 1966

Well No. LJ-65-14-909

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by C.D. McAfee 1931 Source of data File Date 1-19-68 Map 1:24000 Scottsdale 1955

State Texas 48 County (or town) Harris LJ

Latitude: 29 47 22 N Longitude: 095 16 57 Sequential number: 1

Lat-long accuracy: 1 T. ___ N S, R ___ W, Sec ___, ___, ___, ___

Local well number: LJ-65-14-909 Other number: 750 B & M 1980-C

Local use: ___ Owner or name: Texas Pipe Line Co.

Owner or name: TEXAS PIPE LINE 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) Mnf, (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 — Tank — N

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused 1974, (W) Withdraw, (X) Waste, (Z) Destroyed — W

DATA AVAILABLE: Well data 8 Freq. W/L meas.: from 2-8-67 - Quarterly 9 Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 2-23-71 0 Pumpage inventory: yes no, period:

Aperture cards: yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 897 ft 8 9 7 Meas. (est) Driller accuracy 3

Depth cased; (first perf.) 857 ft 8 5 7 Casing type: S ; Diam. 6 in 0 6

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, ed. pt., (S) shored, (T) open hole, (W) other, (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) wash, (X) other — H

Date Drilled: 1919 9 1 9 Pump intake setting: ft

Driller: McMasters & Pomeroy (name) Pasadena (address) 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, (X) other — N; Depr Shallow — D

Power (type): diesel, (E) elec, nat gas, gasoline, hand, LP gas, wind; H.P. None 1974 was Airjet; Trans. or water no.

Descrip. MP ___ ft above below LSD, Alt. MP ___

Alt. LSD: 44 4 4 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-65-14-909

Well No. LJ-65-14-909

Latitude-longitude 29 d 47 m 22 s 095 d 16 m 59.1 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD [1] [19]

Physiographic Province: Coastal Plain [20] [21]

Section: West

C.C.P [22] F

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]

Lithology: [32] [33] Origin: [34] Aquifer Thickness: ____ ft

[35] [37] Length of well open to: 40 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: 857-897.

Depth to consolidated rock: ____ ft [60] [62] 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-65-14-909

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 305 **Distance from Property: 4.22 mi. ENE**

STATE ID:	**65-14-908**
OWNER'S NAME:	**TEXAS PIPE LINE CO.**
DATE DRILLED:	**00/00/1915**
DEPTH DRILLED:	**540'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.285220000**
LATITUDE:	**29.791030000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514908/6514908.pdf**

WRD Exp. (GW)
April 1966

Well No. LJ-65-14-908

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by G.McAdoo Inspection 1931 | Source of data F.Ic | Date 1-19-68 | Map 1:24000 Seffe 903 1955

State Texas 48 | County (or town) Harris 201

Latitude: 29 47 20 N | Longitude: 095 17 03 | Sequential number: 1

Lat-long accuracy: 1 | T. ___ N S, R ___ W, Sec ___, ___, ___, ___

Local well number: LJ-65-14-908 | Other number: B & M 751 in 1896

Local use: | Owner or name: Texas Pipe Line Co.

Owner or name: TEXAS PIPE LINE | 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, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed — U destroyed 1974

DATA AVAILABLE: Well data 9 | Freq. W/L meas.: 1931 - 1971 Quarterly 9 | Field aquifer char.

Hyd. lab. data: Drop-Mis made 3-75

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: 540 ft | 540 | Meas. Capt | accuracy 6

Depth cased; (first perf.) ? ft | Casing type: S ; 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) shored, (T) open hole, (W) 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) wash, (Z) other — H

Date Drilled: Feb 1915 | 9 1 5 | Pump intake setting: ft

Driller: Taylor & Walling. ?

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (curb.), (N) none, (P) piston, (R) rot, submerg, (S) turb, other — N | Deep | Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. | nat | LP | Trans. or water no.

Descrip. MP | above / below LSD, Alt. MP

Alt. LSD: 44 | 44 | Accuracy: (source) Tc 20 5' | 3

Water Level: Flowed ft above / below MP; Ft above / below LSD | 4 | Accuracy: Repl.

Date meas: Feb 1915 | 2 1 5 | 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.

* Flowed till 1915.

Well No. LJ-65-14-908

Well No. LJ-65-14-908

Latitude-longitude: d 29 m 47 s 20 d 095 m 17 s 03.1

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD [1-19] Physiographic Province: Coastal Plain [20-21] 03 Section: West

G.C.D [22] 5 Drainage Basin: [23-25] FIR 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 ____ [28-29] Q aquifer, formation, group [30-31] CL

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: ____

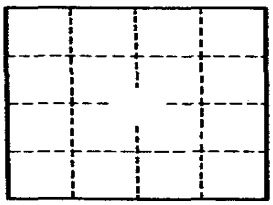
Depth to consolidated rock: ____ ft [60-63] Source of data: ____ [64]

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-65-14-908

GPO 857-700

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 305 **Distance from Property: 4.22 mi. ENE**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294722095165901**
STATION NAME: **LJ-65-14-909**
SITE TYPE: **GW**
LATITUDE: **29.791030000** LONGITUDE: **-95.285250000**
DATE DRILLED: **01/01/1919**
WELL DEPTH: **897 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 305 **Distance from Property: 4.22 mi. ENE**

WELL ID:	**2568**
OWNERS NAME:	**TEXAS PIPE LINE COMPANY**
YEAR DRILLED:	**1958**
DEPTH DRILLED:	**845'**
STATIC LEVEL:	**815'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.285220000**
LATITUDE:	**29.791030000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 306 **Distance from Property: 4.23 mi. ENE**

ID NUMBER:	**TX208034**
STATE ID :	**65-14-9G**
OWNER NAME:	**ENERCON TRUCKING**
DATE DRILLED:	**12/21/1984**
DEPTH DRILLED:	**40'**
STATIC LEVEL:	**10'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.283839000**
LATITUDE:	**29.788200000**

2 PAGE(S) OF DRILLERS' LOGS

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 Enercon Trucking (Name) Address 3406 Wallisville (Street or RFD) Houst. (City) Tx (State) 77029 (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. 18 Map 3d

☐ 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:

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 5/8	Surface	40'

Date drilled Dec. 20+21 1984

From (ft.)	To (ft.)	Description and color of formation material
0	5	Black Gumb
5	38	Red Clay
38	41	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	+1	38	40

CEMENTING DATA
Cemented from ft. to ft.
Method used
Cemented by (Company or Individual)

9) WATER LEVEL:
Static level 10 ft. below land surface Date Dec. 21
Artesian flow gpm. Date

10) PACKERS:

Type	Depth
Rubber	5
Rubber	35'

RECEIVED
JUL - 2 1985
DEPT. OF WATER RESOURCES

11) TYPE PUMP:
☐ Turbine ☒ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., 20' 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.

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)

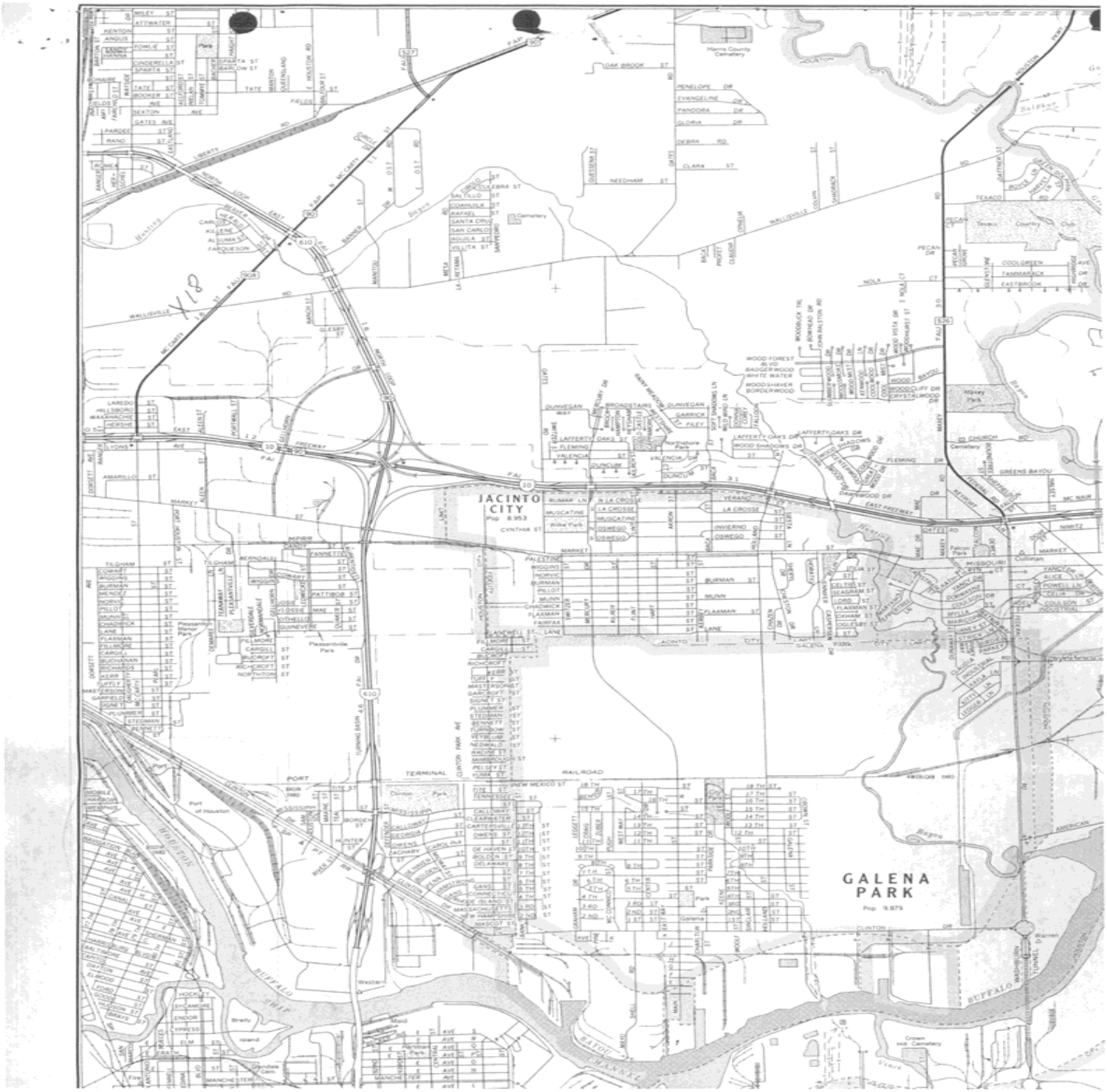
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 63-14-9G
Located on map Yes DLF

DWR-0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


JACINTO CITY
Pop. 8,953
GALENA PARK
Pop. 9,879
X18

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 307 **Distance from Property: 4.24 mi. SE**

WELL ID:	**9968**
OWNERS NAME:	**FOREST PARK LAWNDALE**
YEAR DRILLED:	**2005**
DEPTH DRILLED:	**400'**
STATIC LEVEL:	**380'**
WATER USAGE:	**LAKE/POND/POOL**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.304751000**
LATITUDE:	**29.721170000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 308 **Distance from Property: 4.24 mi. WSW**

ID NUMBER:	**TX208716**
STATE ID :	**N/A**
OWNER NAME:	**BERRY ELLIS**
DATE DRILLED:	**11/21/1972**
DEPTH DRILLED:	**169'**
STATIC LEVEL:	**128'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.418153000**
LATITUDE:	**29.747924000**

1 PAGE(S) OF DRILLERS' LOGS

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 NO
Received: 9-3
41

1) OWNER:
Person having well drilled BERRY ELLIS (Name) Address 2001 Kirby Suite 1200 (Street or RFD) Houston (City) Tex (State)

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

2) LOCATION OF WELL:
County HARRIS 9 miles in N (N.E., S.W., etc.) direction from HOUSTON (Town)

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

2001 Kirby DR
Suite 1200
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 169 ft. Depth of completed well 169 ft. Date drilled 11/21/72
All measurements made from 41' ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil
3	140	Unconsolidated
142	169	SAND

9) Casing:
Type: Old — New ✓ — Steel ✓ — Plastic — Other
Cemented from 98 ft. to 148 ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4"	0	148	20
2"	148	159	

10) SCREEN:
Type SSR
Perforated ✓ — Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2"	159	169	14

(Use reverse side if necessary)

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

8) WATER LEVEL:
Static level 128 ft. below land surface Date 11/21/72
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., 132' 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 North Houston Rosslyn (Street or RFD) Houston (City) Tex (State)

(Signed) Tommy C. Bussell (Water Well Driller) Bussell & Sons Inc. (Company Name)

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

*Additional instructions on reverse side.

WQAS-WO-8

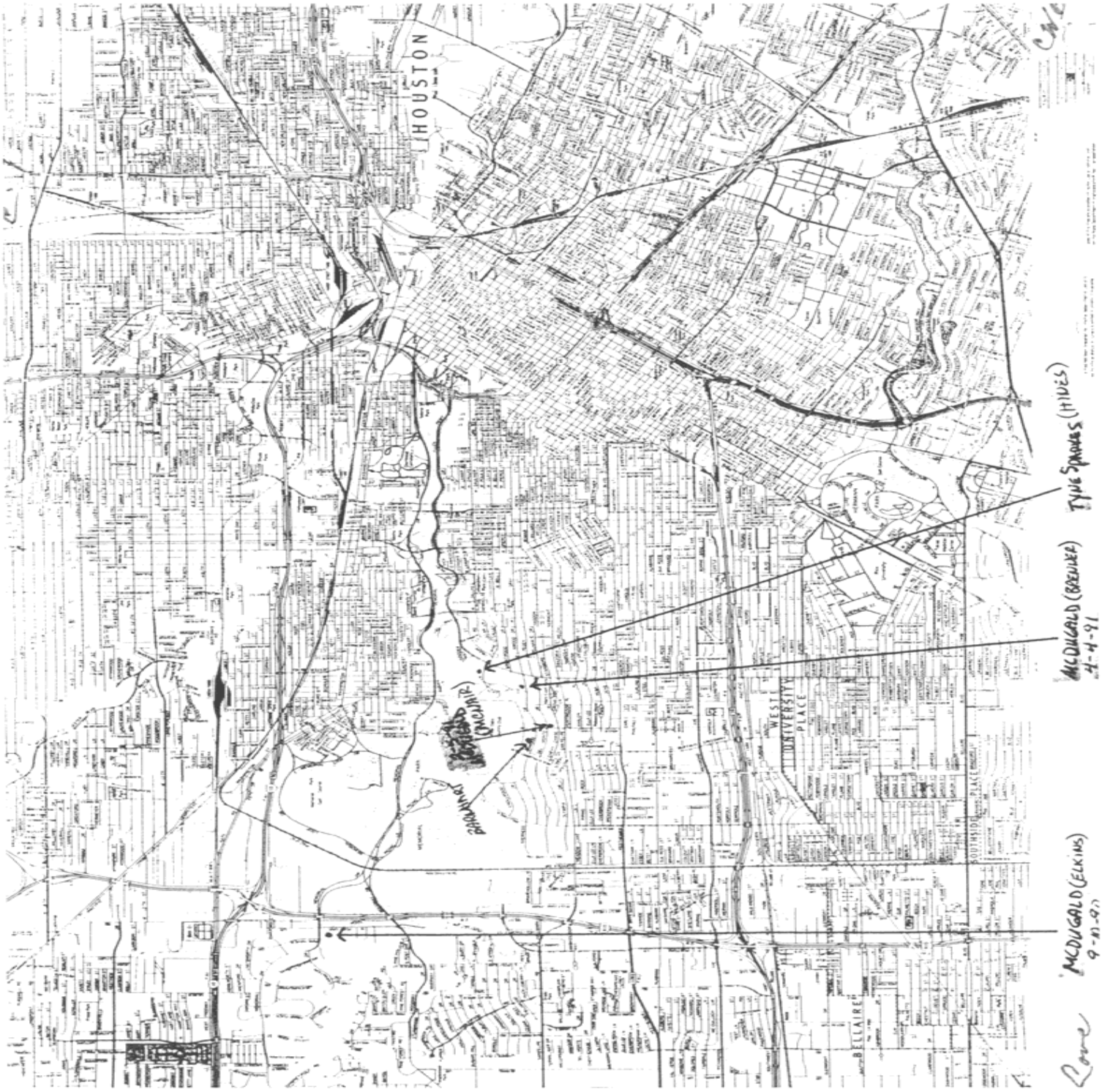
GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 309 **Distance from Property: 4.25 mi. WSW**

ID NUMBER:	**TX205024**
STATE ID :	**N/A**
OWNER NAME:	**MCDUGALD STEEL**
DATE DRILLED:	**04/04/1991**
DEPTH DRILLED:	**475'**
STATIC LEVEL:	**259'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.419822000**
LATITUDE:	**29.752499000**

3 PAGE(S) OF DRILLERS' LOGS


HOUSTON
WEST UNIVERSITY PLACE
BELLAIRE
TYPE SPRINGS (HIVES)
MCDUGALD (BREWER)
4-4-91
MCDUGALD (ELKINS)
9-11-91

STATE OF TEXAS WATER WELL REPORT (PAGE 2)

OWNER: MCDUGALD STEEL ADDR: 95 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

STATE OF TEXAS WATER WELL REPORT

1) OWNER: MCDUGALD STEEL A[illegible] 2995 LAZY LANE CITY: HOUSTON STATE: TX ZIP:
2) LOCATION OF WELL: County: HARRIS [illegible] 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

RECEIVED
MAY 21 1992
TEXAS WATER WELL DRILLERS BOARD

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

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) [signature] (LICENSED WATER WELL DRILLER) (signed) _____ (REGISTERED DRILLER TRAINEE)

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 310 **Distance from Property: 4.26 mi. WSW**

ID NUMBER:	**TX207765**
STATE ID :	**65-12-3F**
OWNER NAME:	**PRESTON VILLA APARTMENTS**
DATE DRILLED:	**07/21/1967**
DEPTH DRILLED:	**444'**
STATIC LEVEL:	**211'**
WATER USAGE:	**COMMERCIAL**
LONGITUDE:	**-95.414254000**
LATITUDE:	**29.739474000**

2 PAGE(S) OF DRILLERS' LOGS

CONTINUATION OF WELL LOG

FROM FT.	TO FT.	FORMATION
392	400	Shale
400	415	Sand
415	420	Shale, Sandy
420	444	Sand

AUG 11 1967

AUG 18 1967
Central Records

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 V63
Received:
Form GW 8 61
Form GW 9

1) OWNER:
Person having well drilled Preston Villa Apartments (Name) Address 2306 W.Alabama (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. Survey
(Circle as many as are known)

miles in (NE, 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
0	37	Surface Red Clay
37	72	Sand, Broken
72	101	Red & White Joint Clay
101	120	Sand, Shaley
120	192	Red Clay
192	206	Sand
206	216	Tough Clay
216	226	Sand, Shaley
226	257	Sand
257	305	Shale
305	326	Sand
326	345	Shale, Sandy
345	371	Sand, Top Light Breakes
371	376	Shale
376	392	Sand Continued on Reverse 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 LOP Stainless
Perforated ☐ Slotted ☐

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot size
2⅝"	404	414	.012
2⅝"	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.

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 311 **Distance from Property: 4.26 mi. SSW**

ID NUMBER:	**TX182089**
STATE ID :	**65-22-4**
OWNER NAME:	**MR. TERRY BLACKSTONE**
DATE DRILLED:	**10/26/1990**
DEPTH DRILLED:	**430'**
STATIC LEVEL:	**215'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.364566000**
LATITUDE:	**29.707114000**

2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 182089

Send original copy by certified mail to: Texas Water Con ion, 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. Terry Blackstone (Name) ADDRESS 3418 S. Parkwood, Houston, TX 77021 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris , 8 miles in South (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 10/23 19 90 Completed 10/26 19 90

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6 ½	Surface	414
3 7/8	414	430

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☒ Other 4" x 2½"
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	36	Clay
36	38	Sand
38	40	Clay
40	58	Sand, clay mix
58	78	Sand
78	172	Clay
172	190	Clay, sand/oyster shell
190	338	Clay
338	348	Sand
348	360	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	new	PVC	0	406	
2½	new	Galvanized	400	410	
2½	new	Wrapped Sch. 80	410	430	.010

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 406 ft. to 180 ft. No. of Sacks Used 20
0 ft. to 15 ft. No. of Sacks Used 3
Method used Pressure cemented & Grouted
Cemented by Derrick Drilling Co.

RECEIVED FEB 18 1991 TEXAS WATER WELL DRILLERS BOARD

13) TYPE PUMP: ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 315 ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Baller ☒ Jetted ☐ Estimated
Yield: 50 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
☐ 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 215 ft. below land surface Date 10/19/90
Artesian flow _____ gpm. Date _____

12) PACKERS:

Type	Depth
B.P. Seal	400'
Rubber K	15'

I hereby certify that this well was drilled by 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 Derrick Drilling Co. (Type or print) WELL DRILLER'S LICENSE NO. 1958

ADDRESS P.O. Box 1704 (Street or RFD) Pearland (City) TX (State) 77588 (Zip)

(Signed) _____ (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. 65-22-4 Located on map _____

WWD-012 (Rev. 09/21/88) TEXAS WATER COMMISSION COPY 182089

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HOUSTON
T. Blackstone
Hickus
HARRIS COUNTY
TEXAS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 312 **Distance from Property: 4.26 mi. SSW**

ID NUMBER:	**TX182088**
STATE ID :	**65-22-4**
OWNER NAME:	**NICKENS, J.C.**
DATE DRILLED:	**10/19/1990**
DEPTH DRILLED:	**430'**
STATIC LEVEL:	**215'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.365466000**
LATITUDE:	**29.707263000**

2 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 182088

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 Nickens, J. C. (Name) ADDRESS 3418 S. Parkwood (Street or RFD) Hou (City) TX (State) 77021 (Zip)

2) LOCATION OF WELL: County Travis 8 miles in S. (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 3418 S. Parkwood on 65-22-4

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): ☐ Driven ☒ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Other

6) WELL LOG:
Date Drilling: Started 10/16 1990 Completed 10/19 1990

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6½	Surface	414
3⅞	414	430

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☒ Other 4"x2½" If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	36	Clay
36	38	Sand
38	40	Clay
40	58	Sand/clay mix
58	78	Sand
78	172	Clay
172	190	Clay/Sand/gravel
190	338	Clay
338	348	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	new	PVC	0	406	
2½	new	Galv.	400	410	
2½	new	Unwrapped Sch 80	410	430	.010

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 406 ft. to 180 ft. No. of Sacks Used 20
2 ft. to 15 ft. No. of Sacks Used 3
Method used Pressure & grouted
Cemented by Derrick Drilling

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 215 ft. below land surface Date 10/19/90
Artesian flow _____ gpm. Date _____

12) PACKERS:

Type	Depth
B.P. Seal Rubber	400' 15'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., 294'

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 50 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 FEB 13 1991 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 Derrick Drilling Co. (Type or print) WELL DRILLER'S LICENSE NO. 1958

ADDRESS P.O. Box 1704 (Street or RFD) Pampa (City) TX (State) 79065 (Zip)

(Signed) _____ (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. 65-22-4 Located on map _____

WWD-012 (Rev. 09/21/88) TEXAS WATER COMMISSION COPY 182088

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HOUSTON
T. Blackston
Hickus
HARRIS COUNTY
TEXAS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 313 **Distance from Property: 4.26 mi. SSW**

ID NUMBER:	**TX199546**
STATE ID :	**65-22-1J**
OWNER NAME:	**MR. O'NEIL**
DATE DRILLED:	**06/06/1984**
DEPTH DRILLED:	**430'**
STATIC LEVEL:	**215'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.366173000**
LATITUDE:	**29.707380000**

2 PAGE(S) OF DRILLERS' LOGS

Water Well ID: 199546

IJ

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 Mr. O'Neil (Name) Address 3412 Parkwood Dr. (Street or RFD) Houston (City) tex. (State) (Zip)

2) LOCATION OF WELL: County Harris miles in South (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. 65-22-IJ

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 6/6/84

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	416
3 7/8	416	430

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil
3	30	Red Clay
~~68~~ 67	70	
30	68	Sand, Yellow, Fine
68	70	Stone
70	153	Red Clay
153	163	Sand, Fine, White
163	183	Red Clay
183	190	Sand, White, Fine
190	228	Red Clay
228	265	Sand, White, Fine
265	362	Red Clay
362	378	Sand, Fine
378	406	Red Clay
406	430	Sand, White, Med. Coarse

RECEIVED
AUG – 6 1984
DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other 4" x 2½"
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	Sch 40 PVC	0	408	
2½	new	Sch 40 PVC	400	410	
2½	new	Sch 40 PVC	410	430	
		Slotted			.010
					.012

CEMENTING DATA
Cemented from 408 ft. to 100 ft.
Method used Pressure Cemented
Cemented by Derrick Drilling Co. (Company or Individual)

9) WATER LEVEL:
Static level 215 ft. below land surface Date 6/6/84
Artesian flow _____ gpm. Date _____

10) PACKERS: Type: Lead Seal Packer Depth: 400'

11) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 283 ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 38 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 Derrick Drilling Co. (Type or Print) Water Well Driller's License No. 1958

ADDRESS P.O. Box 1704 (Street or RFD) Pearland (City) Texas (State) 77584 (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. 65-22-IJ
Located on map LYOMM

TWR 0392 (Rev. 5-27-82) DEPARTMENT OF WATER RESOURCES COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 313 **Distance from Property: 4.26 mi. SSW**

WELL ID:	**14868**
OWNERS NAME:	
YEAR DRILLED:	**Not Reported**
DEPTH DRILLED:	**300'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**SINGLE FAMILY RESIDENTIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.366173000**
LATITUDE:	**29.707380000**
SOURCE:	**HGSD**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 314 **Distance from Property: 4.26 mi. WSW**

WELL ID:	**9268**
OWNERS NAME:	**HUNTINGDON COUNCIL OF CO-OWNERS, THE**
YEAR DRILLED:	**Not Reported**
DEPTH DRILLED:	**550'**
STATIC LEVEL:	**520'**
WATER USAGE:	**DOMESTIC/COMMERCIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.418169000**
LATITUDE:	**29.747128000**
SOURCE:	**HGSD**

MAP ID# 315 **Distance from Property: 4.30 mi. WSW**

TRACK #: **220553**
DATE ENTERED: **2010-06-24**
OWNER NAME: **CEDAR BALDRIDGE**
OWNER ADDRESS: **P.O. BOX 542228**
HOUSTON, TX 77254
COUNTY: **HARRIS**
LATITUDE: **29.751389000** LONGITUDE: **-95.420278000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=220553&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2008-01-12**
DRILLING DATE (COMPLETED): **2008-01-22**
DEPTH DRILLED: **405'**

WATER LEVEL:
STATIC LEVEL: **190'**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **N/A**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
IRRIGATION
COMPANY INFORMATION:
COMPANY NAME: **O'DAY DRILLING CO., INC.**
COMPANY ADDRESS: **5923 CR 931**
ROSHARON, TX 77583

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 316 **Distance from Property: 4.30 mi. SSE**

ID NUMBER:	**TX205419**
STATE ID :	**65-22-5**
OWNER NAME:	**ENRIQUE HERNANDEZ**
DATE DRILLED:	**02/08/2002**
DEPTH DRILLED:	**120'**
STATIC LEVEL:	**68'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.319664000**
LATITUDE:	**29.711581000**

1 PAGE(S) OF DRILLERS' LOGS

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: HERNANDEZ, ENRIQUE ADDRESS: 3014 CARROLTON CITY: HOUSTON STATE: TX ZIP: -

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-22-5
Street or RFD: 29.42.70 N 95.19.17 W
City, State, Zip code: , TX -

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION
If Public Supply well, were plans submitted to the TNRCC?

5)

6) WELL LOG: 02262

DATE DRILLING:
STARTED: 02/07/02
COMPLETED: 02/08/02

DIAMETER OF HOLE

DIAMETER	FROM	TO
7.000	0	120'

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	P.V.C. SCH.40	0	110'	CASING
4	N	P.V.C. - SLOTTED	110'	120'	.006

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	11	CLAY-RED
11	20	SAND-TAN-FINE SAND-TAN-.006-.008
20	43	CLAY-RED
43	51	SAND-TAN-FINE
51	75	CLAY-RED
75	83	SAND-RED-FINE
83	98	CLAY-RED
98	120	SAND-TAN-.006-.008

9) CEMENTING DATA:
Cemented from No. of Sacks Used
0 FT. TO 20 FT. 30
FT. TO FT.
Method used: POURED
Cemented by: AWWS
Distance to septic field lines: ft.
Method of verification of above distance:

10) SURFACE COMPLETION:
PITLESS ADAPTER USED

11) WATER LEVEL:
STATIC LEVEL : 68' FT. DATE: 02/08/02
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
BURLAP	100'
BURLAP	110'

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 94'

14) WELL TEST:
JETTED
YIELD: 30 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: IRON DEPTH OF STRATA: 120' 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) Mike Pyburn (LICENSED WATER WELL DRILLER)

(signed) Gonzalo Cortez (REGISTERED DRILLER TRAINEE)

RECEIVED
TDLR MAIL ROOM
APR 11 2002
RECEIPT# AMOUNT

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 317 **Distance from Property: 4.31 mi. SSE**

STATE ID:	**65-22-201**
OWNER'S NAME:	**CHRISTENSEN COURTS**
DATE DRILLED:	**00/00/1948**
DEPTH DRILLED:	**235'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.314860000**
LATITUDE:	**29.713720000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522201/6522201.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 22 201 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 42 47 Longitude - 95 18 54 Source of Coords - 2

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

Owner - Christensen Courts Driller - H L Jackson Co.

Address _____ Tenant/Oper. _____
Date Drilled - / /1948 Depth - 235 ft. Source of Depth - D Altitude - 34 ft. Source of Alt. - M
Aquifer - 112CHCTL CHICOT AQUIFER,LOWER Well Type - W User -

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

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 - 10

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 -

| 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 22 201

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 318 **Distance from Property: 4.31 mi. WSW**

ID NUMBER:	**TX205984**
STATE ID :	**65-21-2**
OWNER NAME:	**CHIP BRYAN**
DATE DRILLED:	**03/20/1996**
DEPTH DRILLED:	**310'**
STATIC LEVEL:	**185'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.420293000**
LATITUDE:	**29.750869000**

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 205984

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) CHIP BRYANT — ADDRESS (Street or RFD) 2938 DELMONTE (City) HOUSTON (State) TX (Zip) 77019

2) ADDRESS OF WELL: County HARRIS (Street, RFD or other) 2938 DELMONTE (City) HOUSTON (State) TX (Zip) 77019 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

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

N

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

(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	.010

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: BUCKET TOP / 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 (Type or print) BUSSELL & SON INC. — WELL DRILLER'S LICENSE NO. 2035

ADDRESS (Street or RFD) PO BOX 874 (City) Tomball (State) TX (Zip) 77377-0874

(Signed) Craig D. Bussell (Licensed Well Driller) — (Signed) _____ (Registered Driller Trainee)

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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

MAP ID# 319 **Distance from Property: 4.31 mi. W**

TRACK #: **174612**
DATE ENTERED: **2009-04-13**
OWNER NAME: **TYNE SPARKS BUILDERS**
OWNER ADDRESS: **2960 LAZY LANE**
HOUSTON, TX
COUNTY: **HARRIS**
LATITUDE: **29.754723000** LONGITUDE: **-95.421111000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=174612&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2005-01-19**
DRILLING DATE (COMPLETED): **2005-01-21**
DEPTH DRILLED: **392'**

WATER LEVEL:
STATIC LEVEL: **193'**
WATER LEVEL DATE: **2005-01-21**
TYPE OF WATER: **GOOD**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **ALMEDA WATER WELL SERVICE**
COMPANY ADDRESS: **P.O. BOX 266**
MANVEL, TX 77578

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 320 **Distance from Property: 4.31 mi. W**

STATE ID:	**65-13-833**
OWNER'S NAME:	**J. RAY MCDERMOTT**
DATE DRILLED:	**00/00/1969**
DEPTH DRILLED:	**633'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.421920000**
LATITUDE:	**29.756790000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513833/6513833.pdf**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 320 **Distance from Property: 4.31 mi. W**

WELL ID:	**3240**
OWNERS NAME:	**MCDERMOTT, MRS. R. THOMAS**
YEAR DRILLED:	**1969**
DEPTH DRILLED:	**633'**
STATIC LEVEL:	**593'**
WATER USAGE:	**OTHER**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.421936000**
LATITUDE:	**29.756793000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 321 **Distance from Property: 4.31 mi. E**

STATE ID:	**65-14-914**
OWNER'S NAME:	**PORT CITY COMPRESS & WAREHOUSE CO.**
DATE DRILLED:	**NOT REPORTED**
DEPTH DRILLED:	**569'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.279430000**
LATITUDE:	**29.759750000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514914/6514914.pdf**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 322 **Distance from Property: 4.32 mi. SW**

WELL ID:	**4477**
OWNERS NAME:	**HOUSTON, CITY OF**
YEAR DRILLED:	**1992**
DEPTH DRILLED:	**NOT REPORTED**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.391389000**
LATITUDE:	**29.715833000**
SOURCE:	**HGSD**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 323 **Distance from Property: 4.32 mi. ESE**

WELL ID:	**1976**
OWNERS NAME:	**SOUTHWEST FABRICATING & WELDING**
YEAR DRILLED:	**1966**
DEPTH DRILLED:	**517'**
STATIC LEVEL:	**485'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.290970000**
LATITUDE:	**29.732684000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 323 **Distance from Property: 4.32 mi. ESE**

STATE ID:	**65-22-337**
OWNER'S NAME:	**SOUTHWEST FABRICATORS**
DATE DRILLED:	**01/00/1974**
DEPTH DRILLED:	**517'**
WATER USAGE:	
LONGITUDE:	**-95.290970000**
LATITUDE:	**29.732684000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522337/6522337.pdf**

April 1966

U. S. DEPT. OF THE INTERIOR — WELL SCHEDULE — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

65-22-337

1:24000

MASTER CARD

Record by K.D. VAUGHT Source of data D-RECORDS Date 5-16-75 Map PARK PLACE, Tx 1967

State Texas 18 County (or town) Harris Co. LJ

Latitude: 29 43 57 N Longitude: 095 17 27 Sequential number: 1

Lat-long accuracy: T_____ N S, R_____ E W, Sec_____, ¼, ¼, ¼ B & M

Local well number: LJ-65-2-3317 Other number:

Local use: Owner or name: Southwest Fabricators

Owner or name: SOUTHWEST FABRI Address: HARRISBURG Blvd, Houston, Tx

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 — I

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.: Φ 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 517 — D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 517 ft 517 Meas. rept ACCURACY: REPT. 3

Depth cased; (first perf.) 485 ft 487 Casing type: steel; Diam. 8-6 in 8

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 — S

Method Drilled: (A) air rot, (B) bored, (C) cable, dug, (H) hyd rot, (J) jetted, (P) air percussion, (R) reverse rotary, trenching, (T) driven, (V) drive wash, (Z) other — H

Date Drilled: 1-74 974 Pump intake setting: ft

Driller: B.J. SWINEHART Co., INC. Houston, Tx (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 — 5 Deep Shallow

Power (type): diesel, elec, nat gas, gasoline, LP gas, hand, wind; H.P. — 5 Trans. or meter no.

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: 35 Accuracy: (source) 5' TOPOG 3

Water Level 245 ft above below MP; Ft above below LSD 245 Accuracy: PERF D

Date meas: 1-74 174 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.

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Well No. LJ 65-22-337

Latitude-longitude 29 d 13 m 57 s N S 095 d 17 m 27 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: Coastal Plain (20–21) Section: _____

(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) Chicot aquifer, formation, group (30–31) C

Lithology: _____ (32–33) Origin: _____ (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: 485 – 515 55

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)

Converted 0 – 441'

8" CSG 0 – 441 25 ga.

6" screen 485 – 515 18 ga.

Mr. Seymore – MAINTENANCE. Factory makes steel for nuclear power plants.

Well No.

GPO 857–700

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 323 **Distance from Property: 4.32 mi. ESE**

WELL ID:	**1975**
OWNERS NAME:	**SOUTHWEST FABRICATING & WELDING**
YEAR DRILLED:	**1974**
DEPTH DRILLED:	**517'**
STATIC LEVEL:	**485'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.290970000**
LATITUDE:	**29.732684000**
SOURCE:	**HGSD**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 324 **Distance from Property: 4.33 mi. WSW**

WELL ID:	**2727**
OWNERS NAME:	**ALLBRITTON, JOE L.**
YEAR DRILLED:	**1977**
DEPTH DRILLED:	**400'**
STATIC LEVEL:	**370'**
WATER USAGE:	**OTHER**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.421534000**
LATITUDE:	**29.753565000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 325 **Distance from Property: 4.34 mi. WSW**

ID NUMBER:	**TX206102**
STATE ID :	**65-13-8**
OWNER NAME:	**JIM KEMPNER**
DATE DRILLED:	**09/29/1988**
DEPTH DRILLED:	**480'**
STATIC LEVEL:	**262'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.420804000**
LATITUDE:	**29.750805000**

2 PAGE(S) OF DRILLERS' LOGS

#3

STATE OF TEXAS WATER WELL REPORT

1) OWNER: KEMPNER, JIM ADDR... 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:

RECEIVED SEP 20 1989 TEXAS WATER COMMISSION

12) PACKERS: TYPE DEPTH

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

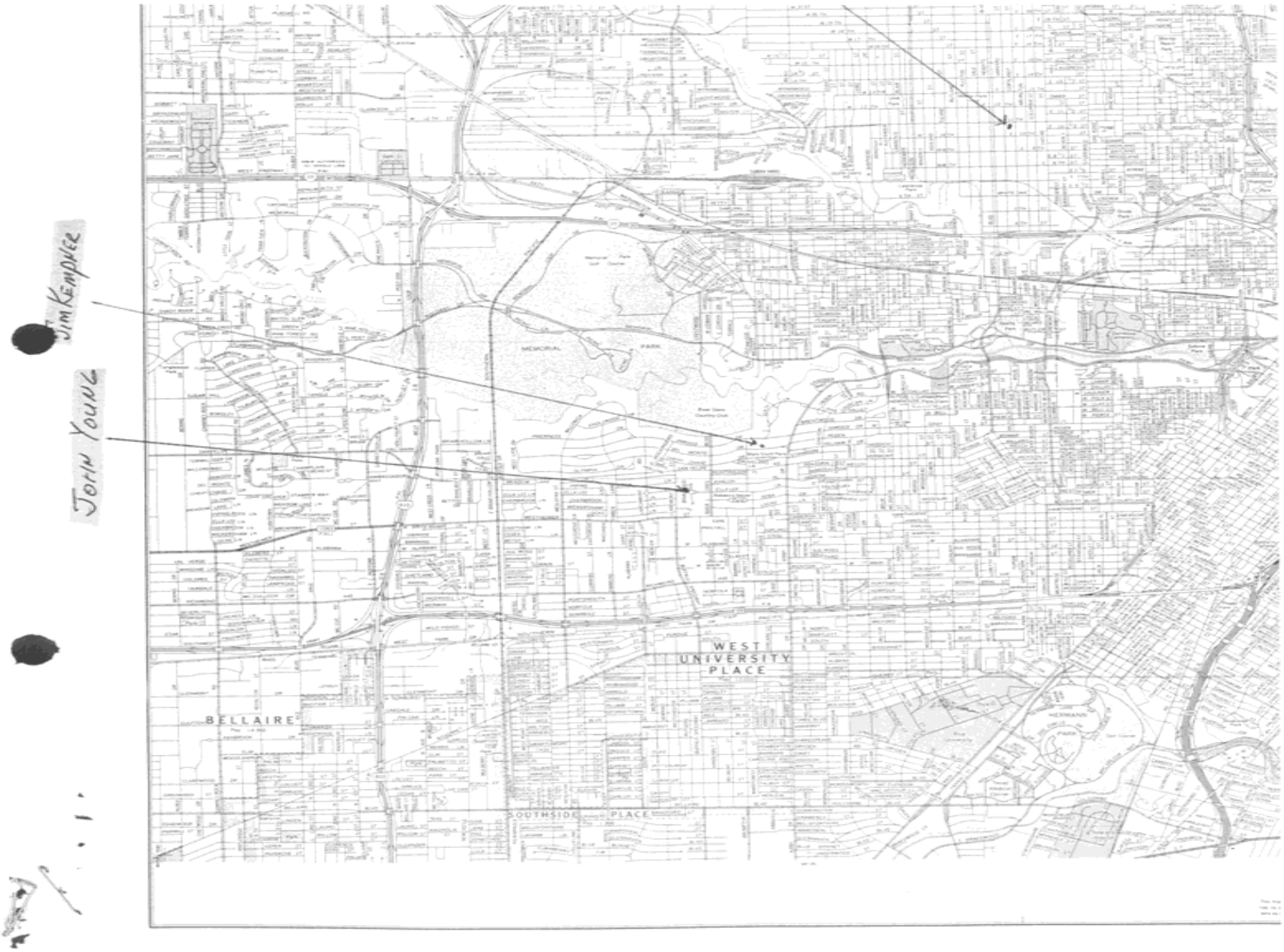
I HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE LOG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) John A. Pybrum (LICENSED WATER WELL DRILLER)

(signed) _____ (REGISTERED DRILLER TRAINEE)

CWB

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


JIM KEMPNER
JOHN YOUNG
WEST UNIVERSITY PLACE
BELLAIRE
SOUTHSIDE PLACE

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 326 **Distance from Property: 4.34 mi. SW**

STATE ID:	**65-21-327**
OWNER'S NAME:	**CITY OF HOUSTON SOUTH END #12**
DATE DRILLED:	**04/00/1965**
DEPTH DRILLED:	**1955'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.395476000**
LATITUDE:	**29.717992000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521327/6521327.pdf**

WRD Exp. (GW)
April 1966

Well No. LJ-65-21-327

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD (T. BROWN)

Record by W.L.N. (4-26-65) Source of data FILES Date 2-21-68 Map Bellaire 1955 1:24000

State Texas 43 County (or town) Harris LJ

Latitude: 29°43'02" N Longitude: 095°23'45" W Sequential number: 1

Lat-long accuracy: 1 T. ____ S, R ____ W, Sec ____, ____, ____, ____

Local well number: LJ-65-21-327 Other number: SOUTHEND #12 B & M

Local use: ____ Owner or name: CITY OF HOUSTON

Owner or name: CITY OF HOUSTON Address: HERMANN PARK

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) Ind, (N) Mfg, (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, (E) 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 date 1 Freq. W/L meas.: 1965 — Annual A Field aquifer char. ____

Hyd. lab. date: ____

Qual. water data; type: ____

Freq. sampling: 4-26-65 A Pumpage inventory: yes/no, period: ____

Aperture cards: yes ____

Log date: E-LOG AA-60 TO 2,250' E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1,955 ft 1955 Meas. Driller rept. accuracy 3

Depth cased; (first perf.) 705 ft 705 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., screen, sd. pt., (S) 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: APR. — 1965 9/65 Pump intake setting: ____ ft ____

Driller: KATY DRILLING CO. (name), KATY, TEXAS (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) nose, (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 STEEL "I" BEAM 1.5 ft above/below LSD Alt. MP 55.5'

Alt. LSD: 50 Accuracy (source) 5' TOPO 5

Water Level 291.81 ft above/below MP; ft above/below LSD 290 Accuracy: MEAS A

Date meas: 4-25-65 4/65 Yield: 3002 gpm 3002 Method determined 4

T.L. -384.06 Drawdown: 9225 ft 72 Accuracy: MEAS. 0 Pumping period 24 hrs 24

QUALITY OF WATER DATA: Iron ____ ppm Sulfate ____ ppm Chloride ____ ppm Hard. ____ ppm

Sp. Conduct ____ K x 10^6 Temp. 84 °F 84 Date sampled 4-26-65

Taste, color, etc. ____

Well No. LJ-65-21-327

Well No. LJ-65-21-327

Latitude-longitude 29 d 43 m 02 s 095 d 23 m 43 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD | Physiographic Province: COASTAL PLAINS 03 | Section:

F | Drainage Basin: 5 1 R | Subbasin:

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (C) (E) (F) (H) (K) (L) (Q) (F) (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: 400 ft Depth to top of: 400 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: 705-720, 750-770, 800-810, 845-855, 950-960, 980-990, 1025-1035

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/ft²; Spec cap: ✓ gpm/ft; Number of geologic cards:

CASINGS:
530' OF 24"
490 - 955 = 12 3/4"

SCREENS:
1070 - 1085 - 15
1105 - 1120 - 15
1140 - 1150 - 10
1195 - 1225 - 30
1315 - 1325 - 10
1380 - 1405 - 25
1410 - 1425 - 15
1450 - 1465 - 15
1485 - 1510 - 25
1545 - 1560 - 15
1570 - 1580 - 10
1610 - 1650 - 40
1660 - 1675 - 15
1700 - 1745 - 45
1790 - 1800 - 10
1920 - 1940 - 20
1955 - BOTTOM

ONE HOUR RECOVERY TEST
9-12-68
GPM = 2100
PL = 375
SL = 316
T = 143,000
SP. CAP. = 36
M.P = +2.0

Well No. LJ-65-21-327

GPO 857-700

(11-74)

UNITED STATES DEPARTMENTS OF THE INTERIOR
Water Resources Division
Austin, Texas

020993

Latitude ° ' " 29 43 02 | Longitude ° ' " 095 23 43 | Seq. No. 01

County code 201 County Harris

Well # LT-65-21-327

Project number 2-4648-0000

Date 2-16-77 Time ____ Temp °C 26.5

Owner City of Houston

Address South End #12

Date drld 1965 WBF code ____

Sample interval: (top) 705 (bottom) 1940

Water level ____ Appr Year 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 | Station identification number 29430209523430 1 (1–16)

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	7050	03	
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	2650	02		26.5
pH	00400	8000	01		8.0
Specific conductance	00095	5230	03		523
HCO_3	00440	2600	03		260
CO_3	00445	0000	01		0
Chloride (Cl)	00940	3400	02		34
Sulfate (SO_4)	00945	1400	02		14
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31625				
Strep-tococci	31673				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Austin, Texas

Latitude ° ' " | Longitude ° ' " | Seq. No.

29 43 02 | 095 23 43 | 01

County code LJ 201 County Harris

Well # LJ-65-21-327

Project number 5-4648-0100

Date 2-4-75 Time ____ Temp °C 27.5

Owner City of Houston

Address Southend #12

Date drld 5-65 WBF code 12 | EVGL

Sample interval: (top) 705 (bottom) 1940

Water level ____ Appr ____ Use PS

Collector Naftel Yield ____ GPM

Smpld aftr pmpg on arrival Depth 1955

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 | Station identification number 29 43 02 095 23 43 01

Y M D: 75 02 07 (Begin) | Time of measurement ____

	Parameter code	Value	Exp.	Rmk
Depth	72008	1955	01	
Yield (GPM)	00059			
Sample interval TOP	72015	7050	03	
Sample interval BOTTOM	72016	1940	01	

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	27.5 C	02		
pH	00400	7.400	01		7.4
Specific conductance	00095	573 C	03		573
HCO_3	00440	270	03		270
CO_3	00445	0.0 C	01		0
Chloride (Cl)	00940	42.0	02		42
Sulfate (SO_4)	00945	12.0	02		12
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

Austin, Texas

Latitude ° ' " 29 43 02 | Longitude ° ' " 095 23 43 | Seq. No. 01

unty code 101 County HARRIS

Well # LJ 65-21-327

Project number T4648-01000

Date 9-23-76 Time 1230 Temp°C 27.5

Owner CITY OF HOUSTON

Address SOUTH END #12

Date drld 4-1965 WBF code EVGLI

Sample interval: (top) 705 (bottom) 1940

Water level 412 Appr CLEAN Use P.S.

Collector BEZANT Yield 1333 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

d chem schedule I

Other

Herbicide ____ Insecticide ____

Remarks:

Type 2 (1) | Station identification number 29430209523430 1 (2–16)

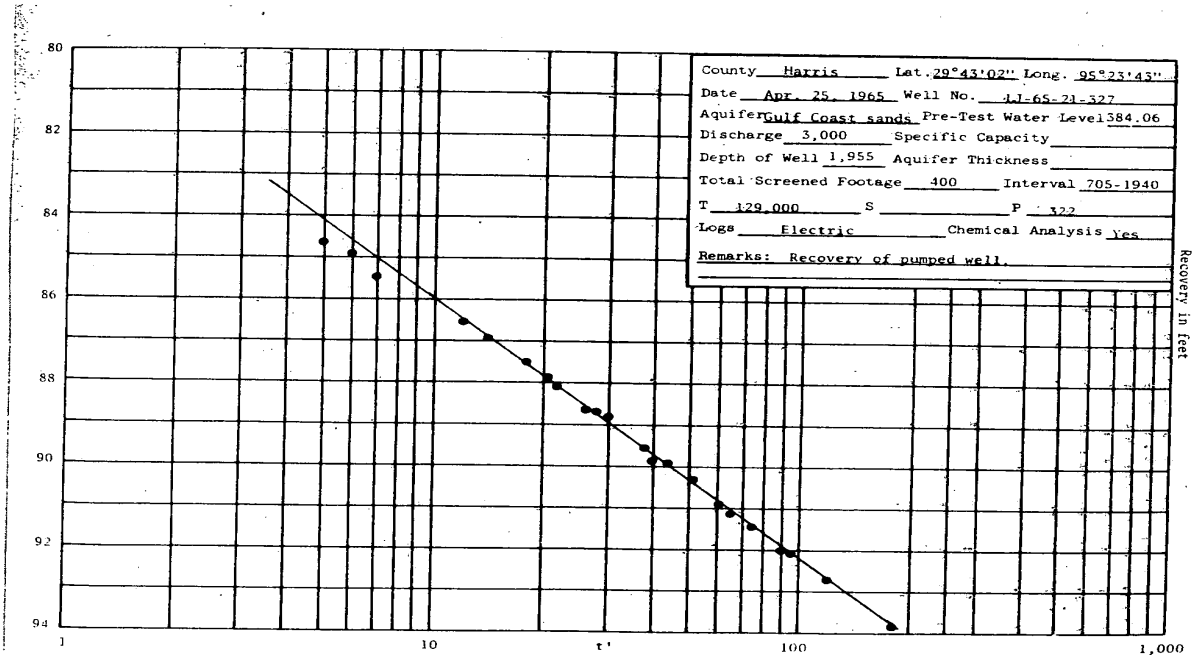
Y 76 M 09 D 23 (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	7050	03	
Sample interval BOTTOM	72016	1940	04	
Water level	72012			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/1)	00300				
DO % Sat.	00301				
Temp °C	00010	2750	02		27.5
pH	00400	7800	01		7.8
Specific conductance	00095	5120	03		512
HCO_3	00440	2560	03		256
CO_3	00445	0000	01		0
Chloride (Cl)	00940	3200	02		32
Sulfate (SO_4)	00945	1500	02		15
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


County Harris Lat. 29°43'02" Long. 95°23'43"
Date Apr. 25, 1965 Well No. LJ-65-21-327
Aquifer Gulf Coast sands Pre-Test Water Level 384.06
Discharge 3,000 Specific Capacity
Depth of Well 1,955 Aquifer Thickness
Total Screened Footage 400 Interval 705-1940
T 129,000 S P .322
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
80
82
84
86
88
90
92
94
1
10
t'
100
1,000
Recovery in feet

- 241 -

WATER UTILITY DATABASE (WUD)

MAP ID# 326 **Distance from Property: 4.36 mi. SW**

PWSID:	**1010013**
SOURCE ID:	**G1010013HX**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.395278930**
LATITUDE:	**29.717500690**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 326 **Distance from Property: 4.34 mi. SW**

PWSID:	**1010013**
SOURCE ID:	**G1010013HY**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**04/00/1965**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.395278930**
LATITUDE:	**29.717777250**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 326 **Distance from Property: 4.34 mi. SW**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294302095234301**
STATION NAME: **LJ-65-21-327**
SITE TYPE: **GW**
LATITUDE: **29.717992000** LONGITUDE: **-95.395476000**
DATE DRILLED: **196504**
WELL DEPTH: **1955 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 326 **Distance from Property: 4.34 mi. SW**

WELL ID:	**1112**
OWNERS NAME:	**HOUSTON, CITY OF**
YEAR DRILLED:	**1965**
DEPTH DRILLED:	**1955'**
STATIC LEVEL:	**705'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.395476000**
LATITUDE:	**29.717992000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 327 **Distance from Property: 4.35 mi. W**

ID NUMBER:	**TX206123**
STATE ID :	**65-13-8**
OWNER NAME:	**BLUEWATER REAL ESTATE**
DATE DRILLED:	**11/01/2001**
DEPTH DRILLED:	**494'**
STATIC LEVEL:	**215'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.423593000**
LATITUDE:	**29.764987000**

2 PAGE(S) OF DRILLERS' LOGS

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 -

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: DOMESTIC
If Public Supply well, were plans submitted to the TNRCC?

5)

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
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	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 0 8 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)

'ATE OF TEXAS WATER WELL REPORT [PA

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 0 8 2002

RECEIPT # AMOUNT

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 328 **Distance from Property: 4.35 mi. N**

WELL ID:	**6006**
OWNERS NAME:	**LAM, ANDY**
YEAR DRILLED:	**1997**
DEPTH DRILLED:	**400'**
STATIC LEVEL:	**380'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.340545000**
LATITUDE:	**29.830858000**
SOURCE:	**HGSD**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 329 **Distance from Property: 4.36 mi. NW**

WELL ID:	**1060**
OWNERS NAME:	**HOUSTON, CITY OF**
YEAR DRILLED:	**1936**
DEPTH DRILLED:	**1232'**
STATIC LEVEL:	**581'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.405761000**
LATITUDE:	**29.810239000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 329 **Distance from Property: 4.36 mi. NW**

STATE ID:	**65-13-626**
OWNER'S NAME:	**CITY OF HOUSTON, HEIGHTS, WELL #6A**
DATE DRILLED:	**03/00/1982**
DEPTH DRILLED:	**1231'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.405750000**
LATITUDE:	**29.810240000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513626/6513626.pdf**

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)

13. Water Level(s): 391.00 ft. rept. meas. 1/10 19 83 (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:

17. Location or Sketch:

CASING, BLANK PIPE & WELL SCREEN
Cemented From 0 ft. to 665 ft.

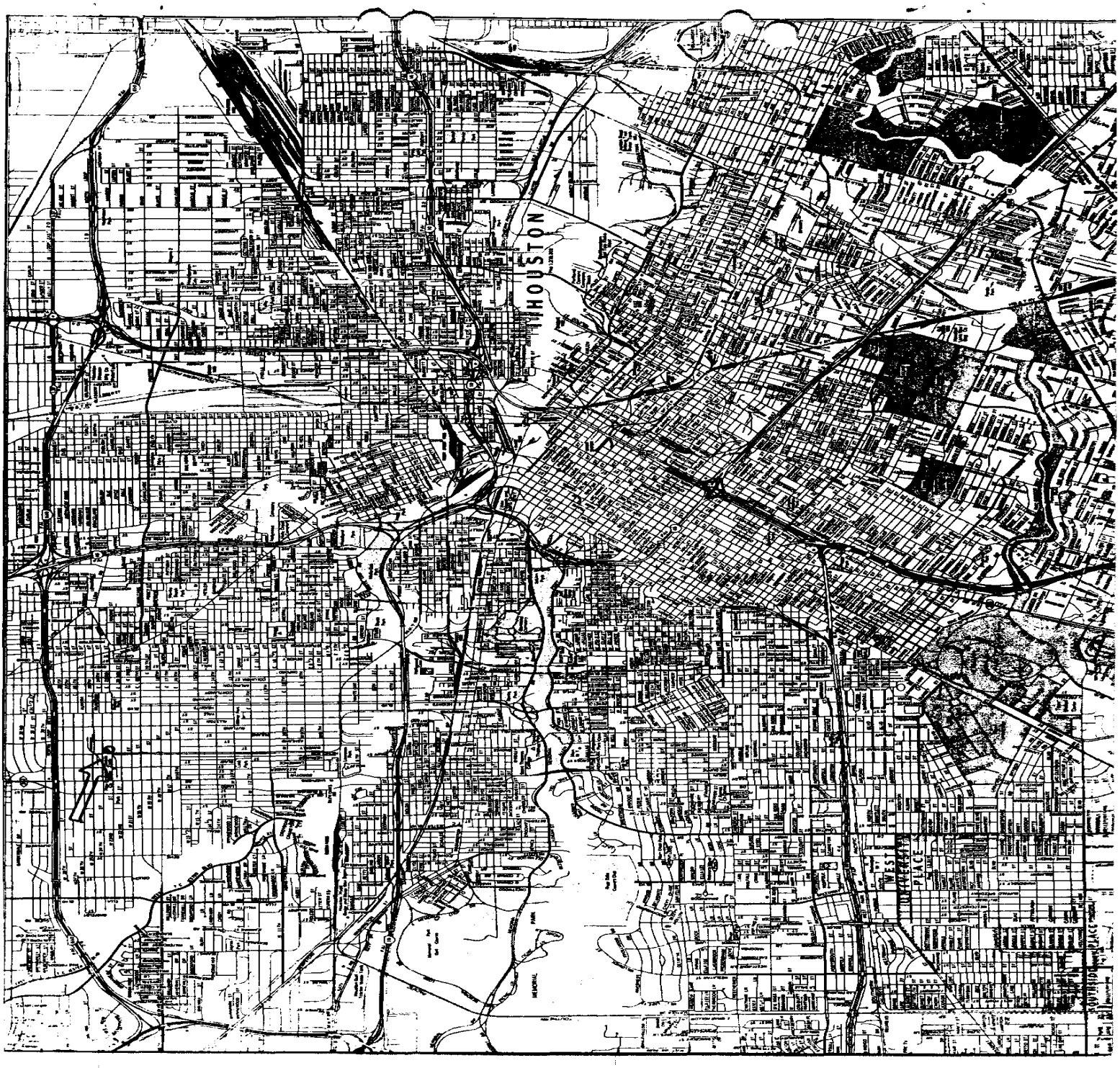
Diam. (in.)	Type	Setting (feet) From	to
24	Steel	0	655
18	Steel	555	665
18	screen	665	~~818~~
14	steel	818	860
14	screen	860	1440
14	steel	1440	1455

TDWR-0308

W/L Obs. Well ✓ W/Q Obs. Well

State Well No. 65-13-626

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


HOUSTON

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. 65-13-605
Located on map 765
Received: e.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

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.

(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 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 LB

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

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

Page 1
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.

Layne WATER SUPPLY SERVICES

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 329 **Distance from Property: 4.36 mi. NW**

STATE ID:	**65-13-605**
OWNER'S NAME:	**CITY OF HOUSTON HEIGHTS #6**
DATE DRILLED:	**00/00/1936**
DEPTH DRILLED:	**1232'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.405760000**
LATITUDE:	**29.810240000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513605/6513605.pdf**

WRD Exp. (GW)
April 1966

Well No. LJ-65-13-605

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION (C)

MASTER CARD

Record by CRF&NAR (1941) (1937) 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 48 36 N — Longitude: 095 24 19 — Sequential number: 1

Lat-long accuracy: 1 — T. ___ S, R ___ W, Sec ___, ___, ___, ___

Local well number: LJ-65-13-605 — Other number: #6 B & M 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) 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) Ind, (N) P S, (P) Rec, (R) 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.: 1938 Annual A — Field aquifer char. ___

Hyd. lab. data: ___

Qual. water data; type: ___

Freq. sampling: 5-8-39 — 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. (est) 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., screen, sd. pt., (S) shored, (T) open hole, (W) other — G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, rotary, (R) reverse trenching, (T) driven, (V) drive wash, (W) other — H

Date Drilled: 1936 — 9 3 6 — 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.), none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other — T — Temp 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 — 6 8 — Accuracy: (source) Topo 5' — 3

Water Level 67.0 ft above below MP; Ft above below LSD — 6 7 — Accuracy: driller — D

Date meas: Oct. 27, 1936 — 10 3 6 — Yield: 2595 gpm — 2 5 9 5 — Method determined ___

Drawdown: 68 ft — 6 8 — Accuracy: Rept. — Pumping period 3 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 134.75 67.0 67.75

Well No. LJ-65-13-605

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Well No. LJ-65-13-605

Latitude-longitude 29 d 48 m 36 s S 095 d 24 m 19 s .1

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD [19] Physiographic Province: Coastal Plain [20 21] 03 Section: [24]

[22] F Drainage Basin: [23 25] 5 1 P Subbasin:

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] E

Lithology: ____ [32 33] Origin: ____ [34] Aquifer Thickness: ____ ft

[35 37] Length of well open to: 326 ft [38 40] 316 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/ft²; Spec cap: ____ gpm/ft; Number of geologic cards: ____ [79]

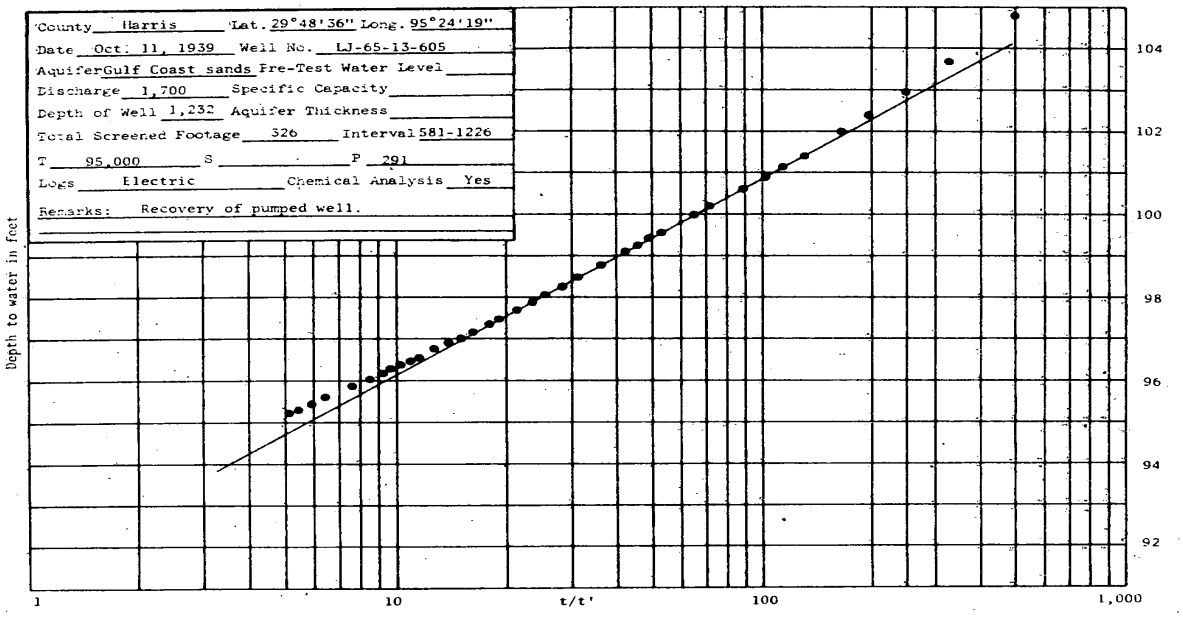
* Screen
581-616 35
660-695 35
766-817 51
866-887 21
977-1029 52
1062-1151 89
1183-1226 43

Production 1941
4.0 MGD.

456' of 25" csg
796' 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.
Depth to water in feet
104
102
100
98
96
94
92
1
10
t/t'
100
1,000

WATER UTILITY DATABASE (WUD)

MAP ID# 329 **Distance from Property: 4.36 mi. NW**

PWSID:	**1010013**
SOURCE ID:	**G1010013GX**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**09/18/1936**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.405555730**
LATITUDE:	**29.809722900**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 329 **Distance from Property: 4.36 mi. NW**

PWSID:	**1010013**
SOURCE ID:	**G1010013P**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**03/00/1982**
SCREEN BOTTOM:	**1,231.00'**
SCREEN TOP:	**668.00'**
GALLONS PER MINUTE:	**2,219**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.405769350**
LATITUDE:	**29.810289380**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 329 **Distance from Property: 4.36 mi. NW**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294836095241901**
STATION NAME: **LJ-65-13-605**
SITE TYPE: **GW**
LATITUDE: **29.810243000** LONGITUDE: **-95.405765000**
DATE DRILLED: **01/01/1936**
WELL DEPTH: **1232 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 329 **Distance from Property: 4.36 mi. NW**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294836095241902**
STATION NAME: **LJ-65-13-626**
SITE TYPE: **GW**
LATITUDE: **29.810240000** LONGITUDE: **-95.405750000**
DATE DRILLED: **04/01/1982**
WELL DEPTH: **1455 feet**
HOLE DEPTH: **1455 feet**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 329 **Distance from Property: 4.36 mi. NW**

WELL ID:	**3706**
OWNERS NAME:	**HOUSTON, CITY OF**
YEAR DRILLED:	**1990**
DEPTH DRILLED:	**2000'**
STATIC LEVEL:	**702'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.405758000**
LATITUDE:	**29.810245000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 330 **Distance from Property: 4.36 mi. SW**

STATE ID:	**65-21-329**
OWNER'S NAME:	**RICE UNIVERSITY**
DATE DRILLED:	**07/16/1969**
DEPTH DRILLED:	**1650'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.399348000**
LATITUDE:	**29.720399000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521329/6521329.pdf**

TEXAS DEPARTMENT OF WATER RESOURCES

WELL SCHEDULE

Aquifer(s) Evangeline Project No. _____ State Well No. 65-21-329

Field No./Owner's Well No. _____ County Harris

1. Location: ___ ¼, ___ ¼, Section ___, Block ___, Survey _____, Lat. _____, Long. _____

2. Owner: Rice University Address: _____

Tenant (other): _____ Address: _____

Driller: Layne Texas Address: _____

3. Land Surface Elevation: 51 ft. above msl determined by _____

4. Drilled: _____ 19 69 ; Dug, Cable Tool, Rotary, Air, _____

5. Depth: Rept. 1650 ft. Meas. _____ ft.

6. Borehole Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed

7. Pump: Mfr. _____ Type 1

No. Stages _____, Bowls Diam. _____ in., Setting _____ ft.

Column Diam. _____ in., Length Tailpipe _____ ft.

8. Motor: Mfr. _____ Fuel steam HP. _____

9. Yield: Flow _____ gpm, Pump _____ gpm, Meas., Rept., Est. _____ Date _____

10. Performance Test: Date 8/19/69 Length of Test _____ Made by L-T

Static Level 356 ft. Pumping Level _____ ft. Drawdown 77 ft.

Production 1529 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) Q1471 (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
18			1334
12			1650

TDWR-0308

W/L Obs. Well ___ W/Q Obs. Well ___

State Well No. 65-21-329

Q 1471

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

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. 65-21-3G
Located on map
Received:

1) OWNER:
Person having well drilled Rice University, Att: James Berling Address 5000 South Main St Houston Texas
(Name) (Street or RFD) (City) (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.*

See attached map

Mirwol. 60-61-9E

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.)	To (ft.)	Gage

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

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. Clapp (Type or Print) Water Well Drillers Registration No. 927

ADDRESS P.O. Box 9469 (Street or RFD) Houston (City) Texas (State)

(Signed) Wallace H. Clapp (Water Well Driller) Houston Texas (Company Name)

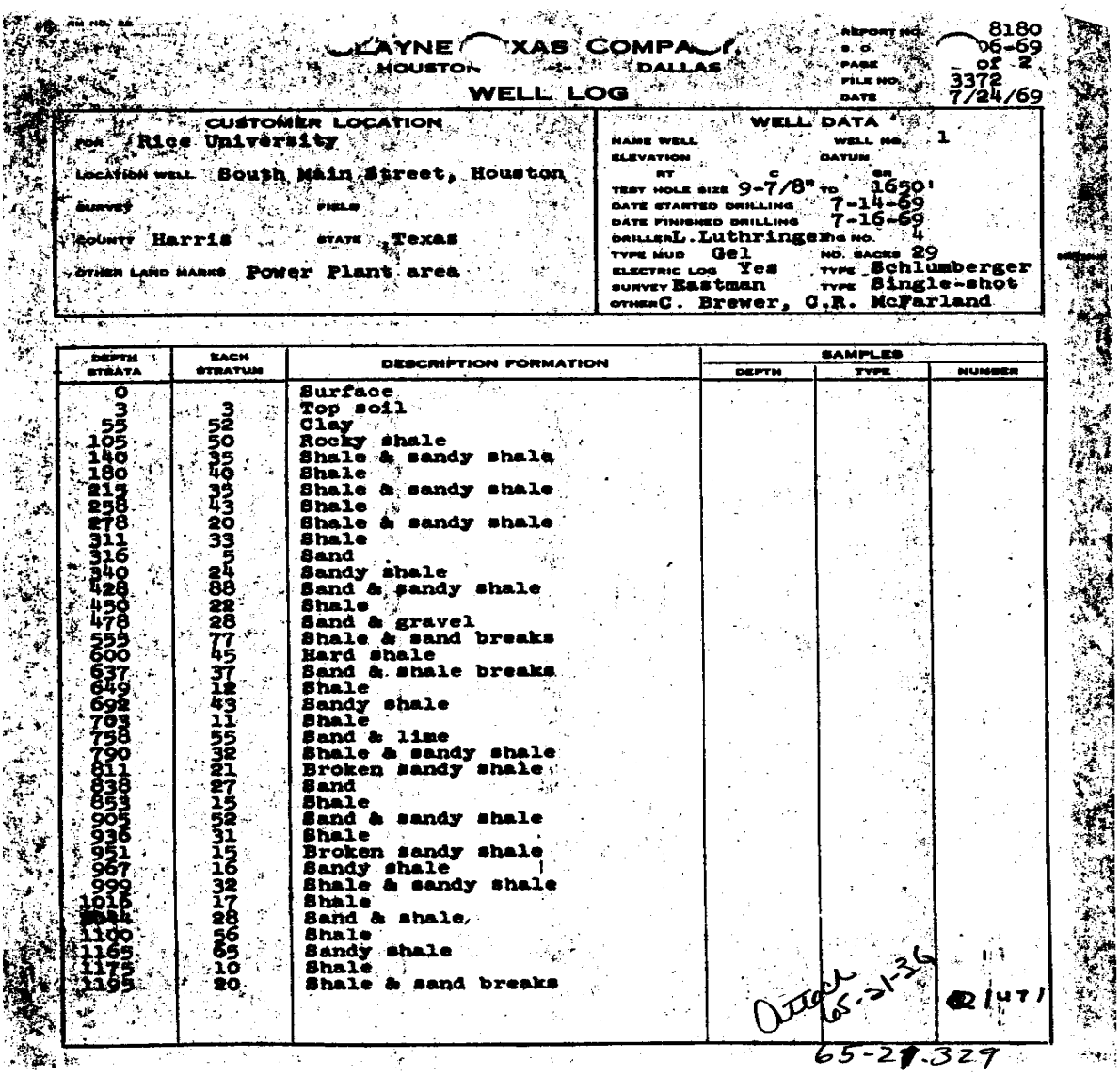
Please attach electric log, chemical analysis, and other pertinent information, if available.

*Additional instructions on reverse side.

TWDBE-GN-53

65-21-329
Q-1471
GM

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967



WAYNE TEXAS COMPANY
HOUSTON -1- DALLAS

REPORT NO. 8180
P. O. 06-69
PAGE 2 of 2
FILE NO. 3372
DATE 7/24/69

WELL LOG

CUSTOMER LOCATION

FOR Rice University
LOCATION WELL South Main Street, Houston
SURVEY FIELD
COUNTY Harris STATE Texas
OTHER LAND MARKS Power Plant area

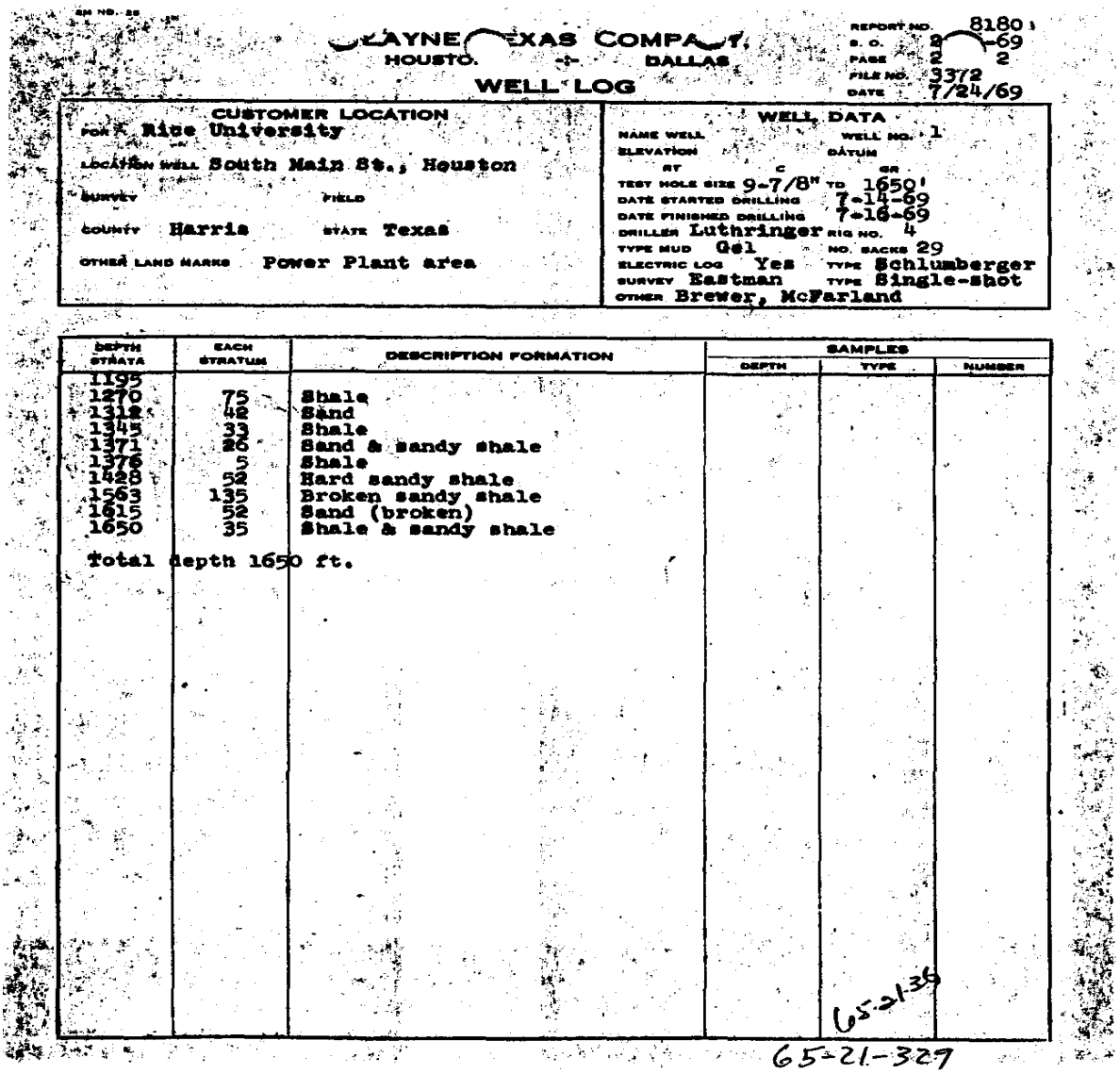
WELL DATA

NAME WELL WELL NO. 1
ELEVATION DATUM
RT C GR
TEST HOLE SIZE 9-7/8" TD 1650'
DATE STARTED DRILLING 7-14-69
DATE FINISHED DRILLING 7-16-69
DRILLER L. Luthringer RIG NO. 4
TYPE MUD Gel NO. SACKS 29
ELECTRIC LOG Yes TYPE Schlumberger
SURVEY Eastman TYPE Single-shot
OTHER C. Brewer, C.R. McFarland

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
0		Surface			
3	3	Top soil			
55	52	Clay			
105	50	Rocky shale			
140	35	Shale & sandy shale			
180	40	Shale			
215	35	Shale & sandy shale			
258	43	Shale			
278	20	Shale & sandy shale			
311	33	Shale			
316	5	Sand			
340	24	Sandy shale			
428	88	Sand & sandy shale			
450	22	Shale			
478	28	Sand & gravel			
555	77	Shale & sand breaks			
600	45	Hard shale			
637	37	Sand & shale breaks			
649	12	Shale			
692	43	Sandy shale			
703	11	Shale			
758	55	Sand & lime			
790	32	Shale & sandy shale			
811	21	Broken sandy shale			
838	27	Sand			
853	15	Shale			
905	52	Sand & sandy shale			
936	31	Shale			
951	15	Broken sandy shale			
967	16	Sandy shale			
999	32	Shale & sandy shale			
1016	17	Shale			
1044	28	Sand & shale			
1100	56	Shale			
1165	65	Sandy shale			
1175	10	Shale			
1195	20	Shale & sand breaks			

Other 65-21-36 @ 1471

65-21-329



WAYNE TEXAS COMPANY
HOUSTON -:- DALLAS

REPORT NO. 8180
S. O. 2-69
PAGE 2 2
FILE NO. 3372
DATE 7/24/69

WELL LOG

CUSTOMER LOCATION
FOR Rice University
LOCATION WELL South Main St., Houston
SURVEY FIELD
COUNTY Harris STATE Texas
OTHER LAND MARKS Power Plant area

WELL DATA
NAME WELL WELL NO. 1
ELEVATION DATUM
RT C GR
TEST HOLE SIZE 9-7/8" TD 1650'
DATE STARTED DRILLING 7-14-69
DATE FINISHED DRILLING 7-16-69
DRILLER Luthringer RIG NO. 4
TYPE MUD Gel NO. SACKS 29
ELECTRIC LOG Yes TYPE Schlumberger
SURVEY Eastman TYPE Single-shot
OTHER Brewer, McFarland

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES DEPTH	SAMPLES TYPE	SAMPLES NUMBER
1195					
1270	75	Shale			
1312	42	Sand			
1345	33	Shale			
1371	26	Sand & sandy shale			
1376	5	Shale			
1428	52	Hard sandy shale			
1563	135	Broken sandy shale			
1615	52	Sand (broken)			
1650	35	Shale & sandy shale			

Total depth 1650 ft.

65-21-329

65-21-329

FORM NO. 1202 - 1M - 8-51 - B&L

THE LAYNE TEXAS COMPANY, LTD.

HOUSTON -:- DALLAS

REPORT NO. 8182
S. O. 2606-69
PAGE 1 OF 1
FILE NO. 3372
DATE 9/2/69

MATERIAL SETTING

CUSTOMER LOCATION

FOR Rice University

LOCATION WELL Houston

SURVEY FIELD

COUNTY Harris STATE Texas

OTHER LAND MARKS Power Plant area

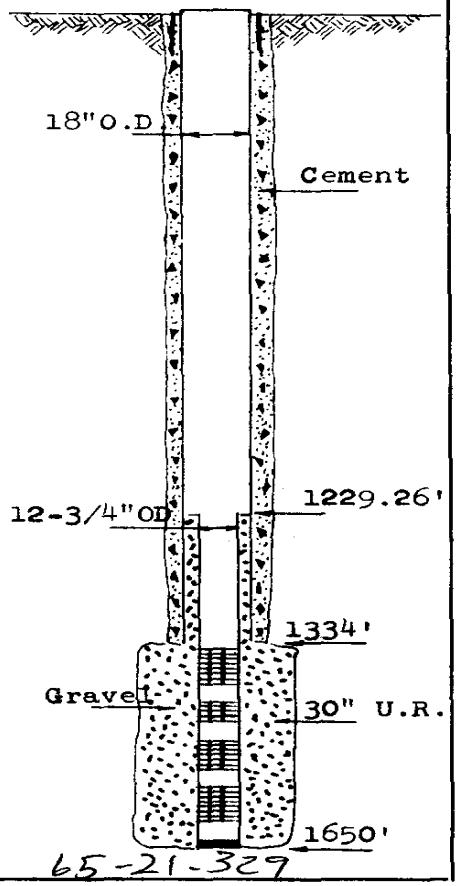
WELL DATA

NAME WELL WELL NO. 1
ELEVATION DATUM
TYPE WELL Gravel-wall
SURFACE CASING CEMENTED Yes NO. SACKS
SIZE HOLE UNDERREAMED 30" DEPTH 1334-1650'
GRAVEL TYPE 112,113, NO. CU. YDS. 98
TYPE SCREEN S.S. W.W. rib- GAGE .045"
DRILLER Luthringer RIG NO. Red 4
OTHER C. Brewer & J.B. Williams

DEPTH	LENGTH	SIZE, KIND, WEIGHT MATERIAL
+2'		18" O.D. 70.59# surface casing
0		Surface
40'	40'	24" O.D. conductor pipe
1229.26'		Top of 12-3/4" O.D. liner
1334'	1336'	18" O.D. 70.59# surface casing
1339.53'	110'	12-3/4" O.D. blank liner 43.77#
1434.63'	95.10'	12-3/4" O.D. S.S. W.W. ribbed screen .045" ga.
1454.63'	20.00'	12-3/4" O.D. blank pipe 43.77#
1519.69'	65.06'	12-3/4" O.D. S.S. W.W. ribbed screen .045" ga.
1529.81'	10.06'	12-3/4" O.D. blank pipe 43.77#
1549.81'	20.00'	12-3/4" O.D. S.S. W.W. ribbed screen .045" ga.
1569.85'	20.04'	12-3/4" O.D. blank pipe 43.77#
1629.88'	60.03'	12-3/4" O.D. S.S. W.W. ribbed screen .045" ga.
1648.00'	18.12'	12-3/4" O.D. blank pipe 43.77#
1650.00'	2.00'	12-3/4" O.D. back pressure valve & set nipple

Total depth 1650 ft.

SKETCH



65-21-329

EDNA WOOD LABOF

WATER TECHNOLOGISTS . . CHEMISTS . . MICROBIOLOGISTS

25 August 1969

To: Layne Texas Company
Houston, Texas

SO 2606-69

Sample marked: Rice University (Houston, Harris Cty, Texas) - taken 8-20-69.
Screened: 1340 - 1630'.

Received: 8-20-69

WATER ANALYSIS
results in parts per million (mg/1) except as noted

Dissolved Residue at 350°C		311	Conductance, micromhos/cm, 25°C		553
Total Dissolved Solids, actual†		432	Color, units		2
Total Dissolved Solids, calc.		465	Turbidity, units		1
Silica	SiO_2	14	As Calcium Carbonate, $CaCO_3$:		
Calcium	Ca	13	Phenolphthalein Alkalinity		0
Magnesium	Mg	4	Total Alkalinity		228
Sodium (diff.) Na + K as	Na	111	Total Hardness		48
Carbonate	CO_3	0	Free Carbon Dioxide	CO_2	3
Bicarbonate	HCO_3	278	pH . . . 8.12		
Sulfate	SO_4	7	HYPOTHETICAL COMBINATIONS		
Chloride	Cl	38			
Total Iron	Fe	0.15	Calcium Bicarbonate		53
			Magnesium Bicarbonate		23
			Sodium Bicarbonate		302
			Sodium Sulfate		11
			Sodium Chloride		62
			Silica		14
			Total Dissolved Solids, calc.		465

†Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO_3) ion

A-1888
lb

65-21-329 EDNA WOOD LABORATORIES

By: Edna Wood
Edna Wood
65-29-329

Tel: (713) 747-7271 • P. O. BOX 14171 • 4820 OLD SPANISH TRAIL • HOUSTON, TEXAS 77021

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

REPORT NO. 8181
S. O. 2606-69
PAGE 1 of 1
FILE NO. 3372
DATE 9/2/69

LAYNE TEXAS COMPANY,

HOUSTON -:- DALLAS

WATER WELL TEST

CUSTOMER LOCATION

TEST FOR Rice University
LOCATION OF WELL Houston
SURVEY FIELD
COUNTY Harris STATE Texas
DESCRIPTION OF LAND MARKS
N.E. corner of Boiler House

WELL DATA

NAME WELL WELL NO. 1
ELEVATION DATUM
WELL SIZE 18" x12-3/4" x 30" UR
TOTAL DEPTH 1650' TOP SCREEN 1339.53'
GRAVEL WELL Yes STRAIGHT WELL
TYPE SCREEN S.S. W.W. GAGE .045" ribbed
TEMPERATURE OF WATER
WATER CONDITION Clear

WATER MEASURING DEVICE

ORIFICE SIZE 10"x8" LENGTH 4'
OTHER

TEST PUMP DATA

DEPTH SETTING TOP OF BOWL 520'
LENGTH AIR LINE 520' SIZE 1/4"
TYPE BOWL THC 14" NO. STAGES 6
LENGTH BOWL 8.90' SUCTION LT.

SAND CONTENT OZ. PER 100 GAL.

ACTIVE STATIC HEAD AFTER PUMP STOPPED

5 MIN. 400 FT. 20 MIN. 360 FT.
10 MIN. 363 FT. 25 MIN. 360 FT.
15 MIN. 362 FT. 30 MIN. 360 FT.

S.L. before start of test 356 ft.

WATER SAMPLE TAKEN Yes NO. SAMPLES 2
BACTERIOLOGICAL SAMPLE TAKEN No
DRAWDOWN SPECIFIC CAPACITY

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH. PRESS.	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
8/19/69 - Started 12 hr. test at 7:45 A.M.							L.S.L.	
8:45 AM	87	433		25	1557			
9:45	87	433		25	1557			
10:45	87	433		25	1557			
11:45	87	433		25	1557			
12:45 PM	87	433		24	1529			
1:45	87	433		24	1529			
2:45	87	433		24	1529			
3:45	87	433		24	1529			
4:45	87	433		24	1529			
5:45	87	433		24	1529			
6:45	87	433		24	1529			
7:45	87	433		24	1529			

Last Called 65-21-357

OBSERVERS

J. P. Berling FOR OWNER

L. S. Luthringer 65-21-329 FOR LAYNE TEXAS CO.

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 330 **Distance from Property: 4.36 mi. SW**

STATE ID:	**65-21-324**
OWNER'S NAME:	**RICE UNIVERSITY**
DATE DRILLED:	**00/00/1910**
DEPTH DRILLED:	**910'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.399347000**
LATITUDE:	**29.720398000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521324/6521324.pdf**

WATER UTILITY DATABASE (WUD)

MAP ID# 330 **Distance from Property: 4.36 mi. SW**

PWSID:	**1010908**
SOURCE ID:	**G1010908A**
UTILITY NAME:	**RICE UNIVERSITY**
DATE DRILLED:	**09/02/1969**
SCREEN BOTTOM:	**1,629.88'**
SCREEN TOP:	**1,339.53'**
GALLONS PER MINUTE:	**220**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**ACTIVE - PERMANENT**
CCN:	**NOT APPLICABLE**
LONGITUDE:	**-95.400020000**
LATITUDE:	**29.721160000**
OWNER'S NAME:	**RICE UNIVERSITY**
ADDRESS:	**PO BOX 1892**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1892**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 330 **Distance from Property: 4.36 mi. SW**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294316095240001**
STATION NAME: **LJ-65-21-329**
SITE TYPE: **GW**
LATITUDE: **29.720398000** LONGITUDE: **-95.399347000**
DATE DRILLED: **NOT REPORTED**
WELL DEPTH: **1650 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 330 **Distance from Property: 4.36 mi. SW**

WELL ID:	**2256**
OWNERS NAME:	**RICE UNIVERSITY, WILLIAM MARSH**
YEAR DRILLED:	**1969**
DEPTH DRILLED:	**1650'**
STATIC LEVEL:	**999'**
WATER USAGE:	**OTHER**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.399348000**
LATITUDE:	**29.720399000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 331 **Distance from Property: 4.36 mi. ENE**

ID NUMBER:	**TX205336**
STATE ID :	**65-14-6N**
OWNER NAME:	**AL TUCKER, TRAILERS**
DATE DRILLED:	**05/??/1984**
DEPTH DRILLED:	**338'**
STATIC LEVEL:	**148'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.291747000**
LATITUDE:	**29.805596000**

2 PAGE(S) OF DRILLERS' LOGS

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 Al Tucker, Trailers (Name) Address 7401 N. Loop (Street or RFD) Houston, Texas (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 5 miles in E NE (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.

Well is located at corner of

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines N. Loop & Navigation Blvd.
☒ 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:

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6	Surface	330

Date drilled _____

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	140	clay
140	150	sand
150	190	clay
190	196	sand
196	219	clay
219	330	course 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 Casing Screen
4"	N	Plastic casing	+1	249	340
4	N	Galvanized "	249	316	"
2½	"	2½ Sch 40	303	326	"
2½	"	2½ SS NP screen	326	336	.16
2½	N	2½ Sch set nipple	336	338	

CEMENTING DATA
Cemented from 330 ft. to 250 ft.
Method used Halliburton
Cemented by Swinehart Co. (Company or Individual)

9) WATER LEVEL:
Static level 148 ft. below land surface Date May 84
Artesian flow _____ gpm. Date _____

10) PACKERS: Type _____ Depth _____
Tend seal at 302'

11) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 322' ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 50 GPM 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

RECEIVED
JUL – 5 1984
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 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) B.J. Swinehart (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

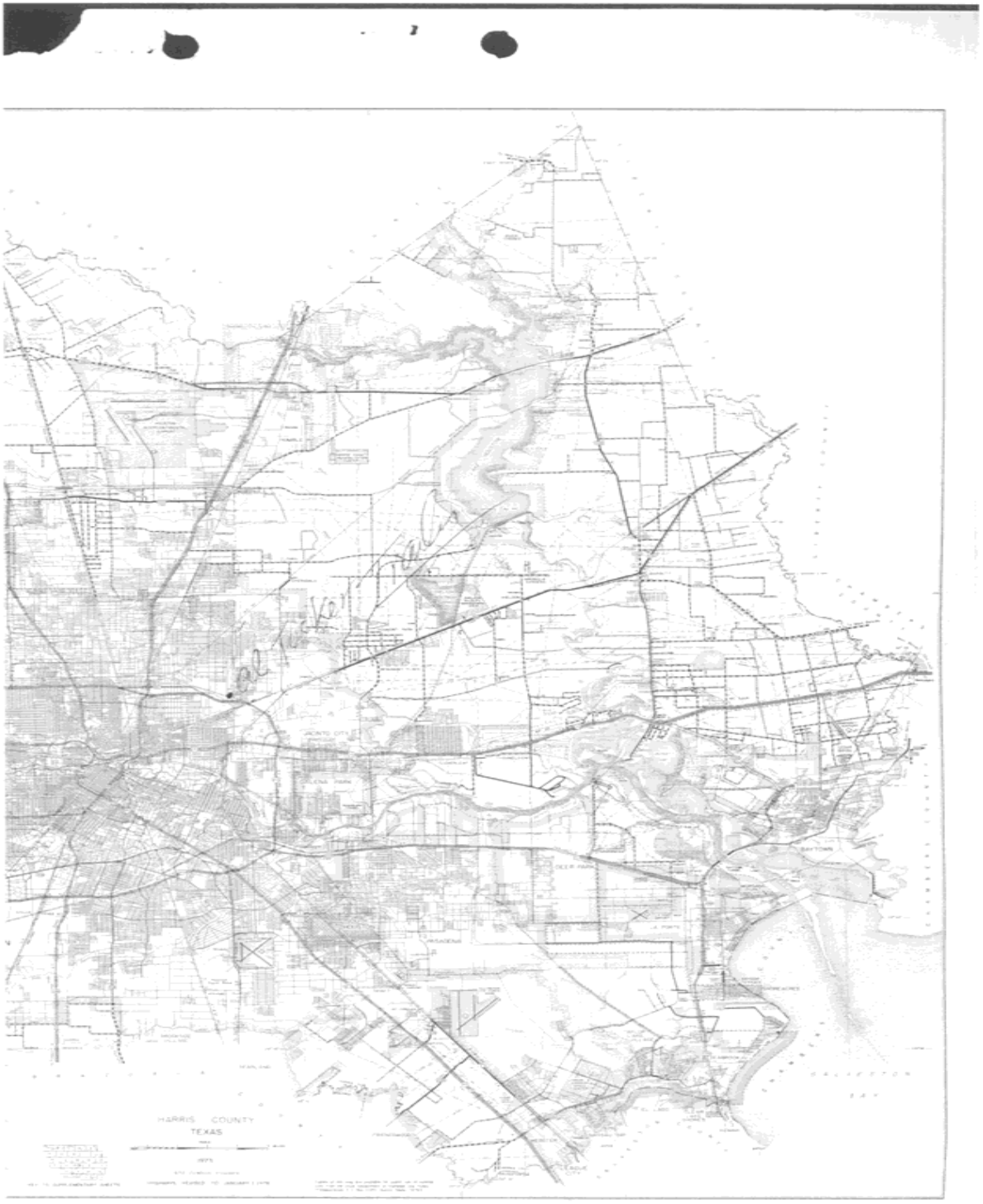
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only: Well No. 65-14-6N Located on map 465 DCF

TDWR-0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


HARRIS COUNTY
TEXAS

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 331 **Distance from Property: 4.36 mi. ENE**

WELL ID:	**11426**
OWNERS NAME:	**AL TUCKER TRAILERS, INC.**
YEAR DRILLED:	**Not Reported**
DEPTH DRILLED:	**20'**
STATIC LEVEL:	**10'**
WATER USAGE:	**DOMESTIC/COMMERCIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.291747000**
LATITUDE:	**29.805596000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 332 **Distance from Property: 4.37 mi. NW**

ID NUMBER:	**TX206187**
STATE ID :	**65-13-5D**
OWNER NAME:	**ROSSA FOSTER**
DATE DRILLED:	**06/28/1974**
DEPTH DRILLED:	**52'**
STATIC LEVEL:	**8'**
WATER USAGE:	**YARD**
LONGITUDE:	**-95.399687000**
LATITUDE:	**29.815697000**

1 PAGE(S) OF DRILLERS' LOGS

65-13-50

For TWDB use only
Well No. 65-13-5D
Located on map
Received: 7-4-74

send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

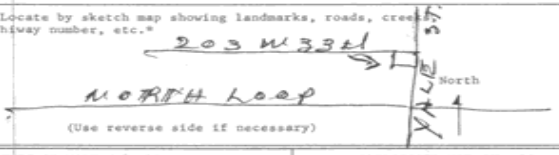
WATER WELL REPORT

1) OWNER:
Person having well drilled: ROSS A. FOSTER (Name) Address: 203 W 33th HOU. TEXAS (Street or RFD) (City) (State)

Landowner: ROSS A. FOSTER (Name) Address: 203 W 33 th HOU STON 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, 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 STARD

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.)	To (ft.)	Gage
2 in			

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 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 P.O. BOX 158 BARKER TEXAS 77413 (Street or RFD) (City) (State)

(Signed) Freddie L Richard (Water Well Driller) F.L. Richard P. Hwy. (Company Name)

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

*Additional instructions on reverse side.

TWDBE-GW-53

RECEIVED

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 333 **Distance from Property: 4.37 mi. N**

ID NUMBER:	**TX199440**
STATE ID :	**65-14-4**
OWNER NAME:	**NGUYEN, NGHINH**
DATE DRILLED:	**12/30/1997**
DEPTH DRILLED:	**451'**
STATIC LEVEL:	**229'**
WATER USAGE:	**COMMERCIAL**
LONGITUDE:	**-95.341741000**
LATITUDE:	**29.831326000**

1 PAGE(S) OF DRILLERS' LOGS

STATE OF TEXAS WATER WELL REPORT

) OWNER: NGUYEN,NGHINH ADDRESS: 7900 JENSON CITY: HOUSTON STATE: TX ZIP: 77093-
) LOCATION OF WELL: County: HARRIS 40 miles in S direction from CONROE

EGAL DESCRIPTION SEE ATTACHED MAP

) TYPE OF WORK: NEW WELL 4) PROPOSED USE: COMMERCIAL 5) DRILLING METHOD: MUD ROTARY

) WELL LOG: 01387 DIAMETER OF HOLE 7) BOREHOLE METHOD:

DIAMETER	FROM	TO
7.00	0	421'
3.875	421'	451'

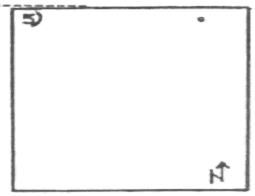
TWO STRING/K-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

ATE DRILLED: 12/30/97

) CASING, BLANK PIPE, AND WELL SCREEN DATA:

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
4	N	STEEL, NEW, GALV.	0	418'		CASING
2.5	N	P.V.C. SCH.40	401'	421'		LINER
2.5	N	P.V.C. - SLOTTED	421'	451'		.008

WELL # 65-14-4



OLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	28	CLAY-RED
28	65	SAND-RED-FINE SAND-RED-.006-.008
65	168	CLAY-GRAY
168	178	SAND-TAN-.006-.008 SAND-TAN-.010-.012
178	276	CLAY-RED
276	305	SAND-TAN-.006-.008 SAND-TAN-.010-.012
305	355	CLAY-RED
355	373	SAND-TAN-.006-.008 SAND-TAN-.010-.012
373	401	CLAY-RED
401	409	SAND-TAN-.010-.012
409	419	CLAY-RED
419	451	SAND-TAN-.010-.012 SAND-TAN-.014-.020

9) CEMENTING DATA:
Cemented from 0 FT. TO 421 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 229' FT. DATE: 01/02/98
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

SEP 1 4 1998

) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 357'

14) WELL TEST:
JETTED
YIELD: 50 GPM WITH FT DRAWDOWN AFTER HRS

) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 451' NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

MPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843, 2350, 2843
DRESS: P.O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY
WELL NO. _____
LOCATED ON MAP _____

HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN E TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 12 WILL RESULT IN THE S(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

gned) Mike Rybko (LICENSED WATER WELL DRILLER)

(signed) Gonzalo Cortez (REGISTERED DRILLER TRAINEE)

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 334 **Distance from Property: 4.38 mi. SSE**

STATE ID:	**65-22-505**
OWNER'S NAME:	**HOUSTON BELT & TERMIN- AL RAILROAD**
DATE DRILLED:	**07/00/1924**
DEPTH DRILLED:	**832'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.329100000**
LATITUDE:	**29.707170000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522505/6522505.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6522505 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294225 **Longitude** 951944 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Houston Belt & Termin-
al Railroad

Driller
McMasters & Pomeroy

Address _____ **Tenant/Oper.** _____

Date Drilled 07/ /1924 **Depth** 832 **Source of Depth** L **Altitude** 43 **Source of Alt.** M

Well Type W **User**

WELL CONSTRUCTION

Const-Method

Completion

Casing Material

Screen Material

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

C	8	0	777
S	6	777	812
C	6	812	832

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 -** N **Quality -** N **Logs -** **Other Data -**

WATER LEVELS

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency 02

REMARKS -

Aquifer - 121EVGL **ID -** 15

EVANGELINE
AQUIFER

Friday, April 22, 2005 **Well Number -** 6522505

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

MAP ID# 335 **Distance from Property: 4.38 mi. WSW**

TRACK #: **204294**
DATE ENTERED: **2010-01-11**
OWNER NAME: **TOM HOOKS**
OWNER ADDRESS: **3005 DEL MONTE**
HOUSTON, TX 77019
COUNTY: **HARRIS**
LATITUDE: **29.750278000** LONGITUDE: **-95.421389000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=204294&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2009-06-23**
DRILLING DATE (COMPLETED): **2009-08-23**
DEPTH DRILLED: **400'**

WATER LEVEL:
STATIC LEVEL: **205'**
WATER LEVEL DATE: **2009-06-25**
TYPE OF WATER: **NOT TESTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **ALMEDA WATER WELL SERVICE**
COMPANY ADDRESS: **P.O. BOX 266**
MANVEL, TX 77578

MAP ID# 336 **Distance from Property: 4.39 mi. W**

TRACK #: **174829**
DATE ENTERED: **2009-04-15**
OWNER NAME: **M F DEVELOPMENT**
OWNER ADDRESS: **6039 GLENCOVE**
HOUSTON, TX 77007
COUNTY: **HARRIS**
LATITUDE: **29.760001000** LONGITUDE: **-95.423889000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=174829&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2005-04-22**
DRILLING DATE (COMPLETED): **2005-04-25**
DEPTH DRILLED: **435'**

WATER LEVEL:
STATIC LEVEL: **185'**
WATER LEVEL DATE: **2005-04-25**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **O'DAY DRILLING CO., INC.**
COMPANY ADDRESS: **2357 GARDEN ROAD**
PEARLAND, TX 77581

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 337 **Distance from Property: 4.39 mi. NW**

STATE ID:	**65-13-612**
OWNER'S NAME:	**ORIENTAL TEXTILE MILLS**
DATE DRILLED:	**00/00/1909**
DEPTH DRILLED:	**800'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.409200000**
LATITUDE:	**29.807330000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513612/6513612.pdf**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 338 **Distance from Property: 4.39 mi. ESE**

WELL ID:	**1711**
OWNERS NAME:	**EXXON CHEMICAL COMPANY**
YEAR DRILLED:	**1947**
DEPTH DRILLED:	**701'**
STATIC LEVEL:	**635'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.280167000**
LATITUDE:	**29.750584000**
SOURCE:	**HGSD**

MAP ID# 339 **Distance from Property: 4.39 mi. WSW**

TRACK #: **413970**
DATE ENTERED: **2015-11-17**
OWNER NAME: **DOGGETT, ANN**
OWNER ADDRESS: **3030 INWOOD**
HOUSTON, TX 77019
COUNTY: **HARRIS**
LATITUDE: **29.751667000** LONGITUDE: **-95.422222000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=413970&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2015-08-31**
DRILLING DATE (COMPLETED): **2015-09-03**
DEPTH DRILLED: **365'**

WATER LEVEL:
STATIC LEVEL: **184'**
WATER LEVEL DATE: **2015-09-03**
TYPE OF WATER: **NOT TESTED**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
IRRIGATION

COMPANY INFORMATION:
COMPANY NAME: **ALMEDA WATER WELL SERVICE**
COMPANY ADDRESS: **PO BOX 266**
MANVEL, TX 77578

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 339 **Distance from Property: 4.39 mi. WSW**

WELL ID:	**13022**
OWNERS NAME:	**DOGGET, WM LESLIE & ANN**
YEAR DRILLED:	**Not Reported**
DEPTH DRILLED:	**550'**
STATIC LEVEL:	**530'**
WATER USAGE:	
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.422257000**
LATITUDE:	**29.752365000**
SOURCE:	**HGSD**

WATER UTILITY DATABASE (WUD)

MAP ID# 340 **Distance from Property: 4.40 mi. SW**

PWSID:	**1010013**
SOURCE ID:	**G1010013HV**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**08/16/1944**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.395278930**
LATITUDE:	**29.716667180**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 340 **Distance from Property: 4.40 mi. SW**

STATE ID:	**65-21-301**
OWNER'S NAME:	**CITY OF HOUSTON SOUTH END #7**
DATE DRILLED:	**00/00/1944**
DEPTH DRILLED:	**1750'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.395496000**
LATITUDE:	**29.716897000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521301/6521301.pdf**

WRD Exp. (GW)
April 1966

Well No. LJ-65-21-301

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD (T. BROWN)

Record by W.L. NAFTEL (10-11-61) Source of data FILES Date 2-21-68 Map 1:24000 Bellaire 1955

State TEXAS 48 County (or town) Harris LJ

Latitude: 29 deg 43 min 01 sec N/S Longitude: 095 degrees 23 min 43 sec E/W Sequential number: 1

Lat-long accuracy: 1 T. ____ N/S R. ____ E/W Sec. ____ ¼ ____ ¼ ____ ¼ ____

Local well number: LJ-65-21-301 Other number: SOUTH END 7 B & M

Local use: ____ Owner or name: CITY OF HOUSTON

Owner or name: CITY OF HOUSTON Address: ____

Ownership: (C) County, (F) Fed Gov't, (M) City, (R) 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) Ind, (P) S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other abd. 1965 U

Use of well: (A) Anode, (D) Drain, (E) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed U Plugged

DATA AVAILABLE: Well data 1 Freq. W/L meas.: 1944 - Semiannual 5 Field aquifer char. ____

Hyd. lab. data: ____

Qual. water data: type: ____

Freq. sampling: 3-4-47 A to 1964 Pumpage inventory: yes no. period: ____

Aperture cards: ____ yes

Log data: E-LOG AA-22 To 2501' D-LOG E D

WELL-DESCRIPTION CARD Completed to 1932 plugged back to 1750.

SAME AS ON MASTER CARD Depth well: 1750 ft 1750 Meas. (Rept) Driller accuracy 3

Depth cased: (first perf.) 1365 ft 1365 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., screen, sd. pt., (S) shored, (T) open hole, (W) other G

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, other H

Date Drilled: 4-22-44 1944 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, gas, wind; LP H.P. None ____ Trans. or meter no. ____

Descrip. MP ____ ft above/below LSD. Alt. MP ____

Alt. LSD: 49 49 Accuracy: (source) 5' TOPO 3

Water Level 145 ft above/below MP; Ft above/below LSD 145 Accuracy: REPT. D

Date meas: 4-22-44 1944 Yield: 2253 gpm 2253 Method determined 4

P.L. 255

Drawdown: 110 ft 110 Accuracy: WD REPT. 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. LJ-65-21-301

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Well No. LJ-65-21-301

Latitude-longitude 29 d 43 m 01 s 095 d 23 m 43 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1-19) 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) pedimont, (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: 234 ft (38-40) 734 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)

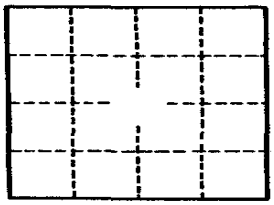
Surficial material: _____ (70-71) Infiltration characteristics: _____ (72)

Coefficient Trans: _____ gpd/ft (73-75) Coefficient Storage: _____ (76-78)

Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)

SCREENS:
1365-1425
1440-1460
1480-1510
1545-1580
1596-1645
1695-1735
1882-1932 *
BOTTOM 1932

C39
0-630 = 24"
699-1750 = 12 3/4"



* LAYNE-TEXAS MATERIAL SETTING SHEET SAID THIS WELL WAS PLUGGED BACK TO 1750(?) SEE SHEET IN FILES

Well No. LJ-65-21-301

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 341 **Distance from Property: 4.40 mi. WSW**

STATE ID:	**65-21-328**
OWNER'S NAME:	**PRESTON VILLA APARTMENTS**
DATE DRILLED:	**00/00/1967**
DEPTH DRILLED:	**444'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.416040000**
LATITUDE:	**29.737790000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521328/6521328.pdf**

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** **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 -** 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

Thursday, September 14, 2006

Well Number - 6521328

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 342 **Distance from Property: 4.44 mi. WSW**

ID NUMBER:	**TX199107**
STATE ID :	**65-21-3**
OWNER NAME:	**WEAVER, JAMES D.**
DATE DRILLED:	**12/18/1991**
DEPTH DRILLED:	**400'**
STATIC LEVEL:	**235'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.422555000**
LATITUDE:	**29.750736000**

2 PAGE(S) OF DRILLERS' LOGS

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 Pabian (LICENSED WATER WELL DRILLER)

(signed) _____ (REGISTERED DRILLER TRAINEE)

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

WEAVER
WILLIAMS
BRH
GARVER
(5707,
5831B,
5431
TIFFANY)
HOUSTON
PASADENA
KEYWORTH
MUNICH
HOANG
LUCHY
PAYNE
HARRIS COUNTY
TEXAS
PUBLIC STORAGE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 343 **Distance from Property: 4.44 mi. WSW**

ID NUMBER:	**TX196150**
STATE ID :	**65-21-2**
OWNER NAME:	**DR. H.C. ROBINSON, JR.**
DATE DRILLED:	**08/30/1986**
DEPTH DRILLED:	**384'**
STATIC LEVEL:	**241'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.419397000**
LATITUDE:	**29.742760000**

3 PAGE(S) OF DRILLERS' LOGS

HARRIS COUNTY #11 #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. 65-21-2
Located on map
Received:

1) OWNER DR. H.C. ROBINSON JR. (Name) Address 1706 1ST CITY NATL. BANK HOU. TEX 77002 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County HARRIS 2 miles in NE (N.E., S.W., etc.) direction from THE SOUTHWEST (Town) FREE WAY OFF KIRBY DR. HOU. TX.

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: RIVER OAKS
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:

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
4	Surface	330
2½	330	384

Date drilled 8-30-86

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 SAND W/ WOOD PAR
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

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		SCH 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.

RECEIVED
SEP 2 1987
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? VERY GOOD Depth of strata 384
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 CECIL L. ELLIS (Type or Print) Water Well Drillers Registration No. 815

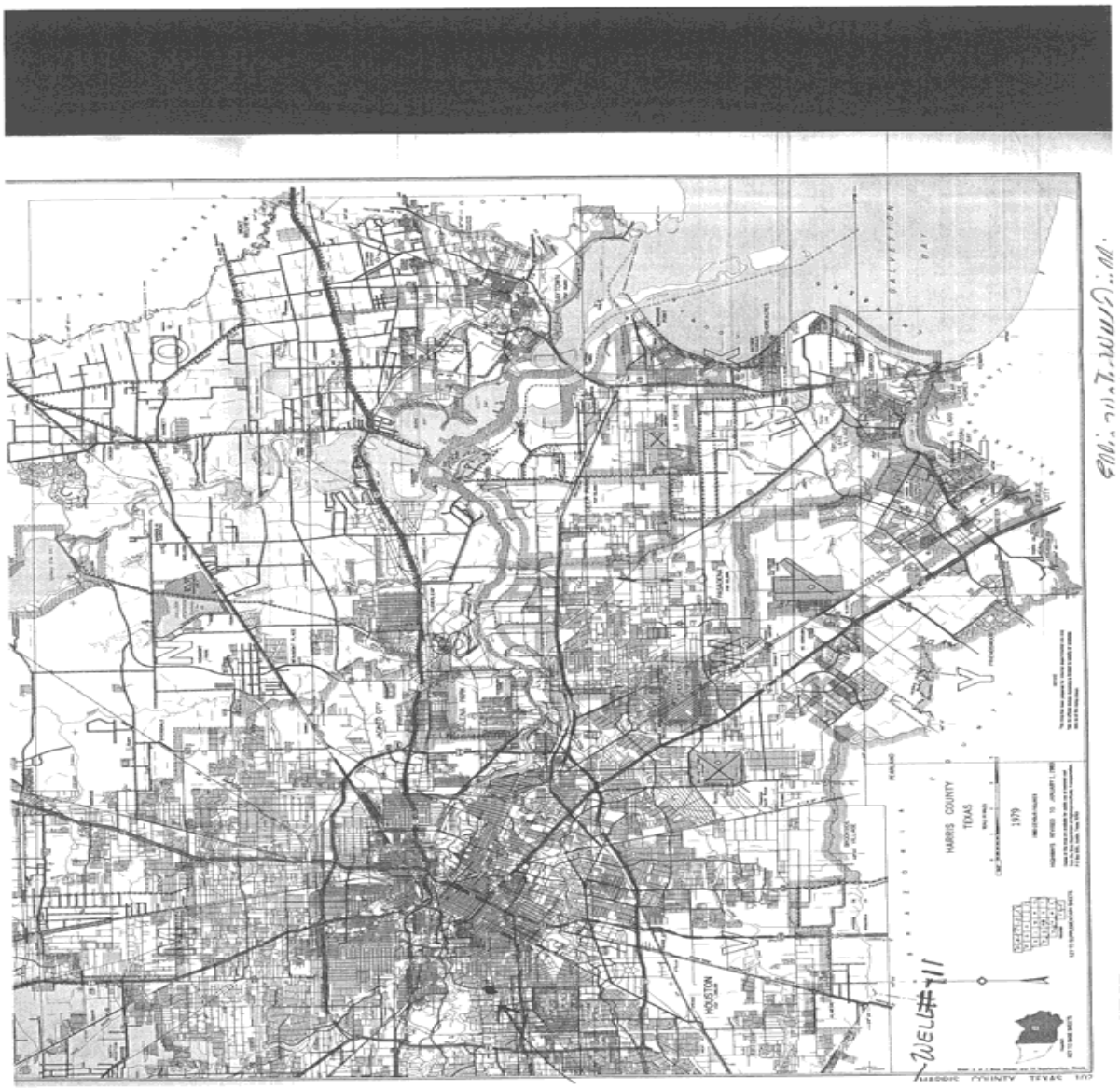
ADDRESS 13719 STAFFORD ROAD (Street or RFD) STAFFORD, TEXAS (City) (State) 77477 (Zip)

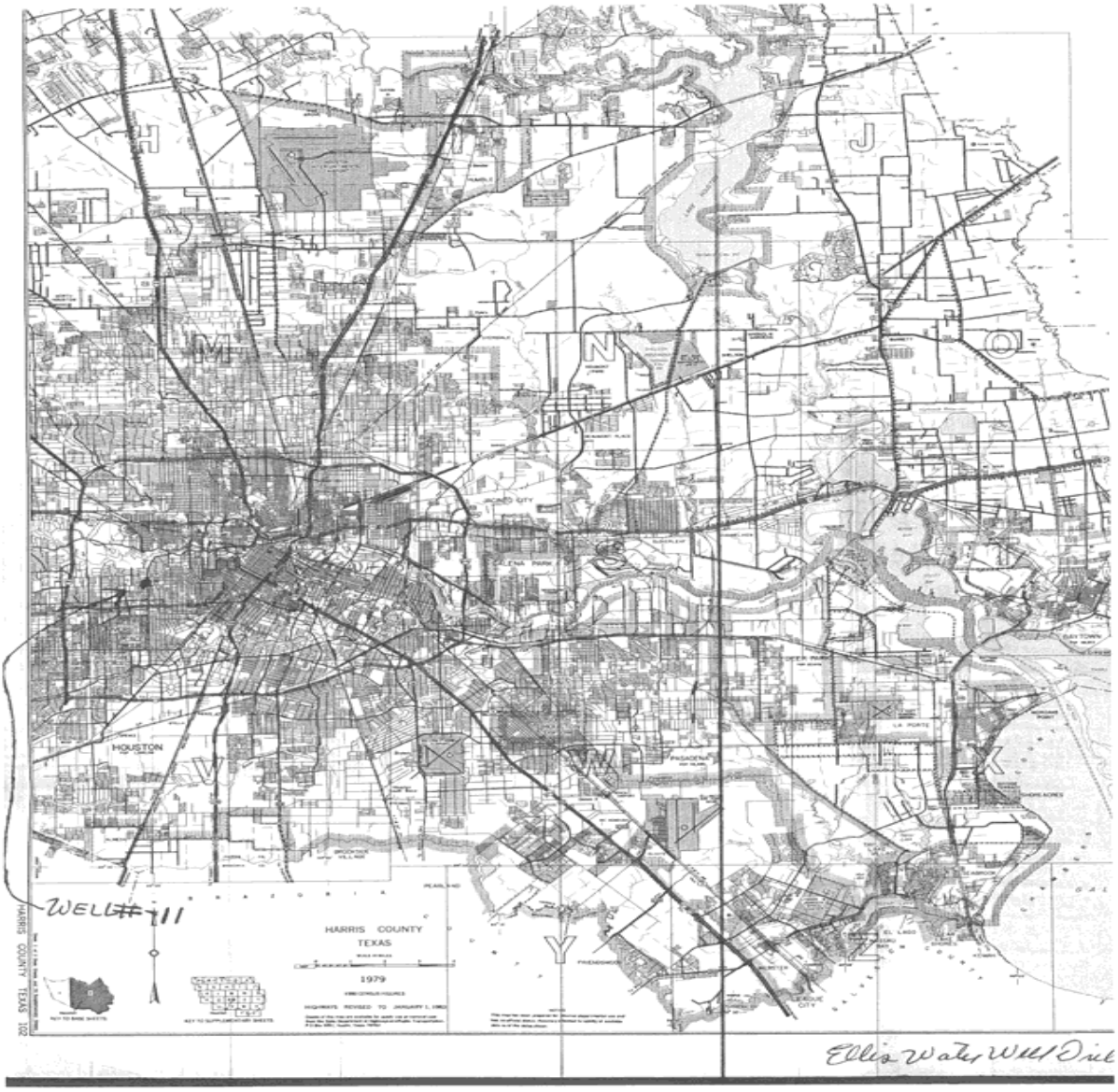
(Signed) Cecil L. Ellis (Water Well Driller) ELLIS WATER WELL DRILLING (Company Name)

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

DWR-0392 (Rev. 1-12-79) DEPARTMENT OF WATER RESOURCES COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


HARRIS COUNTY
TEXAS
1979
HOUSTON
WELL #11


WELL #111
HARRIS COUNTY
TEXAS
1979
HOUSTON
PASADENA
Ellis Water Well Dist

MAP ID# 344 **Distance from Property: 4.46 mi. SE**

TRACK #: **174825**
DATE ENTERED: **2009-04-15**
OWNER NAME: **FOREST PARK LAWNDALE**
OWNER ADDRESS: **6900 LAWNDALE**
HOUSTON, TX
COUNTY: **HARRIS**
LATITUDE: **29.715556000** LONGITUDE: **-95.306945000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=174825&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2005-02-05**
DRILLING DATE (COMPLETED): **2005-02-08**
DEPTH DRILLED: **423'**

WATER LEVEL:
STATIC LEVEL: **135'**
WATER LEVEL DATE: **2005-02-08**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
IRRIGATION

COMPANY INFORMATION:
COMPANY NAME: **O'DAY DRILLING CO., INC.**
COMPANY ADDRESS: **2357 GARDEN ROAD**
PEARLAND, TX 77581

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 345 **Distance from Property: 4.46 mi. SSE**

ID NUMBER:	**TX199545**
STATE ID :	**65-22-1E**
OWNER NAME:	**MID CITY REALTY**
DATE DRILLED:	**02/24/1977**
DEPTH DRILLED:	**266'**
STATIC LEVEL:	**145'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.318319000**
LATITUDE:	**29.709538000**

2 PAGE(S) OF DRILLERS' LOGS

(63)

end original copy by
ertified mail to the
exas Water Development Board
. O. Box 13087
ustin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No. 65-22-1E
Located on USGS yes
Received: 2/28/77

1) OWNER:
Person having well drilled: Mid City Realty (Name) Address: PO Box 18167 (Street or RFD) Houston (City) 77023 (State)
Landowner: Lee Electric Co. (Name) Address: 6035 Wheeler (Street or RFD) Hou (City) Tex (State)

2) LOCATION OF WELL:
County: Harris 4 miles in 5 (N.E., S.W., etc.) direction from Hou. (Town)

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

6035 Wheeler

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 230 ft. Depth of completed well 266 ft. Date drilled 2/24/77
All measurements made from 4 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	22	Top Soil + Clay
22	64	Clay
64	85	Clay & Sand
85	106	Clay
106	127	Clay + Sand
127	190	Clay
190	211	Clay + Sand
211	232	Sand
232	253	Sand & Clay
253	266	Sand

(Use reverse side if necessary)

9) Casing:
Type: Old New ✓ Steel Plastic ✓ Other
Cemented from 180 ft. to 230 ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
4"	0 -	230	Sch 40

10) SCREEN:
Type wfw.
Perforated ✓ Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2"	233	243	.016 ga.

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

8) WATER LEVEL:
Static level 145 ft. below land surface Date 2/24/77
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 N Houston-Rosslyn (Street or RFD) Houston (City) Tex (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.

WDE-WD6

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

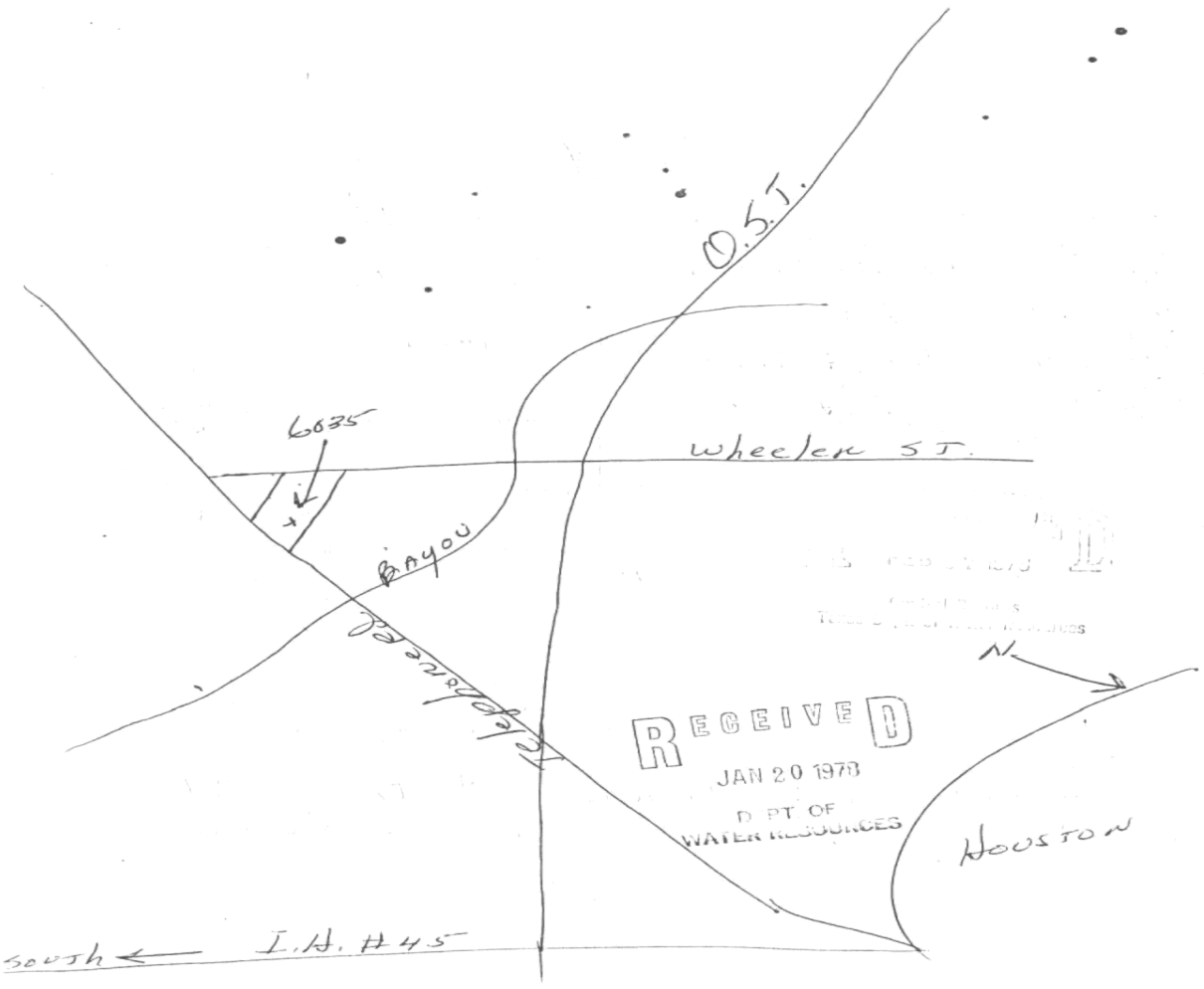
2) LOCATION OF WELL:

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.



TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 346 **Distance from Property: 4.47 mi. SE**

STATE ID:	**65-22-224**
OWNER'S NAME:	**FOREST PARK CEMETERY**
DATE DRILLED:	**00/00/1936**
DEPTH DRILLED:	**520'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.302480000**
LATITUDE:	**29.718350000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522224/6522224.pdf**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 347 **Distance from Property: 4.48 mi. S**

ID NUMBER:	**TX182086**
STATE ID :	**65-22-4E**
OWNER NAME:	**C. I. RUSS**
DATE DRILLED:	**03/21/1983**
DEPTH DRILLED:	**98'**
STATIC LEVEL:	**70'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.360807000**
LATITUDE:	**29.703289000**

2 PAGE(S) OF DRILLERS' LOGS

65-22-4 E

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. I. Russ (Name) Address 6717 Almeda Genoa (Street or RFD) Houston (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 4½ miles in S (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 65-30-1CC

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 3-21-83

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
4½	Surface	198

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil
3	15	Clay
15	30	Sand
30	89	Clay
89	98	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	Gage Screen
2	N	PVC	0	88		80
2	N	Everflo	88	98		12

CEMENTING DATA
Cemented from _____ ft. to _____ ft.
Method used _____
Cemented by _____ (Company or Individual)

9) WATER LEVEL:
Static level 70 ft. below land surface Date _____
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: 15 gpm with _____ ft. drawdown after _____ hrs.

RECEIVED
JUL 20 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 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) Texas (State) 77581 (Zip)

(Signed) Orlen O'Day (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

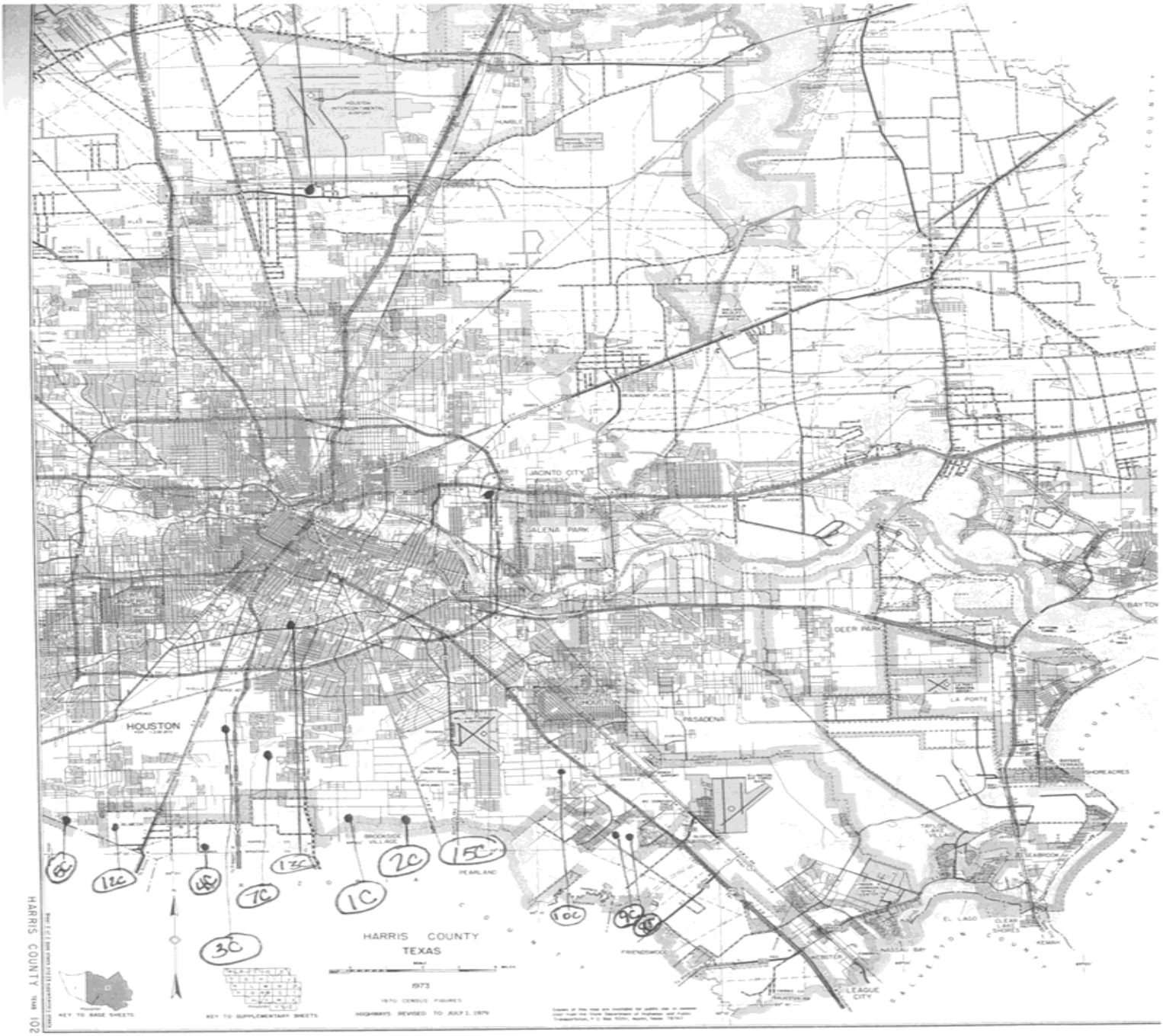
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only Well No. 65-22-4E Located on map yes C.C.S.

182086

TDWR-0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY


HOUSTON
JACINTO CITY
GALENA PARK
DEER PARK
LA PORTE
PASADENA
BAYTON
SHOREACRES
PEARLAND
LEAGUE CITY
HARRIS COUNTY
TEXAS
1973
HARRIS COUNTY MAP 102
65-30-1cc

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 348 **Distance from Property: 4.49 mi. WSW**

ID NUMBER:	**TX206126**
STATE ID :	**65-13-8**
OWNER NAME:	**JON L. GILBREATH**
DATE DRILLED:	**10/22/2001**
DEPTH DRILLED:	**395'**
STATIC LEVEL:	**204'**
WATER USAGE:	**SINGLE FAMILY RESID**
LONGITUDE:	**-95.423824000**
LATITUDE:	**29.752086000**

1 PAGE(S) OF DRILLERS' LOGS

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 -

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: 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: 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 : 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 Lytle (LICENSED WATER WELL DRILLER)

(signed) _____ (REGISTERED DRILLER TRAINEE)

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 349 **Distance from Property: 4.49 mi. SW**

STATE ID:	**65-21-330**
OWNER'S NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1973**
DEPTH DRILLED:	**1777'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.392497000**
LATITUDE:	**29.713476000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521330/6521330.pdf**

WRD Exp. (GW)
April 1966

Well No. LJ-65-21-330

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by C.W. BONNET Source of data DRILLERS RECORDS Date 3-16-74 Map BELLAIRE 1967 1:24000

State TEXAS 48 County (or town) HARRIS LJ

Latitude: 29 42 45 N Longitude: 095 23 35 Sequential number: 1

Lat-long accuracy: T S, R W, Sec

Local well number: LJ-65-21-330 Other number: SOUTH END B & H 13

Local use: Owner or name: CITY OF HOUSTON

Owner or name: CITY OF HOUSTON Address: HERMANN PARK

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) 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, (Z) Destroyed. W

DATA AVAILABLE: Well data Freq. W/L meas.: S Field aquifer char.

Hyd. lab. data: NEW MIS 3-75 (CW & QW)

Qual. water data; type:

Freq. sampling: 2-75 A Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: D-LOG 0 — 1822' ELOG AA-74 DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1777 ft 1777 Meas. (ft) 3

Depth cased: (first perf.) 708 ft 708 Casing type: S ; Dim. accuracy 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, sd. pt., (S) shored, (T) open hole, (W) 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) wash, (Z) other H

Date Drilled: 7-73 9 7 3 Pump intake setting: ft

Driller: TEXAS WATER WELLS, INC. (name) HOUSTON (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, submerg, (T) turb, (Z) other 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: 47 47 Accuracy: (source) TOPO 5' 3

Water Level 342 ft above below MP; Ft above below LSD 342 Accuracy: REPT G

Date meas: 7-73 7 7 3 Yield: 2118 gpm 2118 Method determined

Drawdown: 54 ft 54 Accuracy: 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.

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Well No. LJ-6 -21-330

Latitude-longitude 29 ° 42 ' 45 " N 095 ° 23 ' 35 " W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD | Physiographic Province: | 03 | Section:

F | Drainage Basin: | 5 1 R | Subbasin:

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

MAJOR AQUIFER: system, series, T, aquifer, formation, group, E

Lithology: | Origin: | Aquifer Thickness: ft

Length of well open to: 461 ft | 461 | 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/ft²; Spec cap: gpm/ft; Number of geologic cards:

* 708 – 794	86
890 – 912	22
950 – 968	18
978 – 998	20
1026 – 1043	16
1108 – 1124	16
1174 – 1196	22
1298 – 1342	44
1380 – 1444	64
1490 – 1534	44
1548 – 1579	31
1608 – 1648	40
1704 – 1722	18
1742 – 1762	20
	461

CEMENTED 0 – 710'.

Top of 14" 610'

Well No.

GPO 857–700

(11-74) UNITED STATES GEOLOGICAL SURVEY
Water Resources Division
Austin, Texas

020994

Latitude ° ' " 29 47 45 | Longitude ° ' " 095 23 35 | Seq. No. 01

County code 201 County Harris

Well # LJ-65-21-330

Project number 7-4648-01000

Date 2-15-77 Time ____ Temp°C 28.5

Owner City of Houston

Address South End #13

Date drld 1973 WBF code 121 Estd.

Sample interval: (top) 708 (bottom) 1762

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 29424509523501 (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	7080	03	
Sample interval BOTTOM	72016	1762	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	6000	03		600
HCO_3	00440	2880	03		288
CO_3	00445	0000	01		0
Chloride (Cl)	00940	4600	02		46
Sulfate (SO_4)	00945	1000	02		10
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31625				
Strep-tococci	31673				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TX-73Q
(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017574

Latitude ° ' " 29 42 45 | Longitude ° ' " 095 23 35 01 | Seq. No.

County code 201 County Harris

Well # LJ-C5-21-330

Project number 4648-01000

Date 2-10-76 Time ____ Temp°C 28.5

Owner City of Houston

Address Southend #13

Date drld ____ WBF code 121 EVGL

Sample interval: (top) 705 (bottom) 1762

Water level — Appr clear Use PS

Collector Moffat Yield — GPM

Smpld aftr pmpg overnight Depth —

Pt of coll top 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 | Station identification number 29424509523350 1 (1–16)

Y M D: 76 02 10 (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	7080	03	
Sample interval BOTTOM	72016	1762	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	6100	03		610
HCO_3	00440	2880	03		288
CO_3	00445	0000	01		0
Chloride (Cl)	00940	4700	02		47
Sulfate (SO_4)	00945	1000	02		10
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

(11-74) Water Resources Division Austin, Texas 015091

Latitude ° ' " 29 42 45 | Longitude ° ' " 095 23 35 | Seq. No. 01

County code LJ201 County Harris

Well # LJ-65-21-330

Project number 5-4648-01000

Date 2-6-75 Time ____ Temp°C 28.0

Owner City of Houston

Address Southend #13

Date drld 7-73 WBF code 121EVCL

Sample interval: (top) 708 (bottom) 1762

Water level ____ Appr ____ Use PS

Collector Naftel Yield ____ GPM

Smpld aftr pmpg on arrival Depth 1777

Pt of coll faucet on pipe

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform Phenols Minors

Nutrients MBAS BOD TOC DOC

Lead chem schedule I-1-SO4

Other ____

Herbicide ____ Insecticide ____

Remarks:

Type 2 | Station identification number 294245095233501 (1 / 2–9 / 16)

Y M D: 75 02 06 (17 / Begin 22) | Time of measurement: ____ (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008	1777	0/	
Yield (GPM)	00059			
Sample interval TOP	72015	7080	03	
Sample interval BOTTOM	72016	1762	0/	
Water level				

Sampled after pumping	Parameter code	Value	Exp.	Rmk	
	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2801	02		
pH	00400	7600	01		7.6
Specific conductance	00095	6020	03		602
HCO_3	00440	2820	03		282
CO_3	00445	0000	01		0
Chloride (Cl)	00940	4600	02		46
Sulfate (SO_4)	00945	1200	02		12
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Water ... Austin, Texas

Latitude	Longitude	Seq. No.
29 42 45	095 23 35	01

County code 101 County HARRIS

Well # LJ 65-21-330

Project number T4648 01000

Date 9-23-76 Time 1240 Temp°C 28.5

Owner CITY OF HOUSTON.

Address SOUTHEND #13

Date drld 7-73 WBF code EVEL

Sample interval: (top) 708 (bottom) 1762

Water level 438 Appr Clear Use PS

Collector BEZANT Yield — 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

Std chem schedule I

Other ____

Herbicide ____ Insecticide ____

Remarks:

Type 2 (1) Station identification number 29424509523501 (2–16)

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	7080	03	
Sample interval BOTTOM	72016	17622	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	80000	01		8.0
Specific conductance	00095	5910	03		591
HCO_3	00440	2860	03		286
CO_3	00445	0000	01		0
Chloride (Cl)	00940	4600	02		46
Sulfate (SO_4)	00945	1100	02		11
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

WATER UTILITY DATABASE (WUD)

MAP ID# 349 **Distance from Property: 4.49 mi. SW**

PWSID:	**1010013**
SOURCE ID:	**G1010013BA**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**07/00/1973**
SCREEN BOTTOM:	**1,638.00'**
SCREEN TOP:	**888.00'**
GALLONS PER MINUTE:	**2,017**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.393363950**
LATITUDE:	**29.713407520**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 349 **Distance from Property: 4.49 mi. SW**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294245095233501**
STATION NAME: **LJ-65-21-330**
SITE TYPE: **GW**
LATITUDE: **29.713476000** LONGITUDE: **-95.392497000**
DATE DRILLED: **197307**
WELL DEPTH: **1777 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 349 **Distance from Property: 4.49 mi. SW**

WELL ID:	**1113**
OWNERS NAME:	**HOUSTON, CITY OF**
YEAR DRILLED:	**1973**
DEPTH DRILLED:	**1787'**
STATIC LEVEL:	**718'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.392495000**
LATITUDE:	**29.713476000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 350 **Distance from Property: 4.50 mi. S**

ID NUMBER:	**TX182087**
STATE ID :	**65-22-4B**
OWNER NAME:	**QUALITY AUTO PARTS**
DATE DRILLED:	**07/14/1975**
DEPTH DRILLED:	**60'**
STATIC LEVEL:	**60'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.359520000**
LATITUDE:	**29.703000000**

2 PAGE(S) OF DRILLERS' LOGS

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. 65-22-48
Located on map 454
Received 2-25

1) OWNER:
Person having well drilled: Quality Auto Parts (Name) — Address: 5920 Scott (Street or RFD) Houston, Texas 77021 (City) (State)

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

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

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

Over

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 4 1/4" in. Depth drilled 60' ft. Depth of completed well 60' ft. Date drilled 7/14/75

All measurements made from 0' ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0'	20'	Clay
20'	40'	Clay
40'	60'	Sand

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 Plastic

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 30' ft. below land surface Date 7/16/75

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 60'

I hereby certify that this well was drilled by 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 77045 (State)

(Signed) _____ (Water Well Driller)

Welco Water Well Drilling & Service Co (Company Name)

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

*Additional instructions on reverse side.

WDBE-WD-8

182087

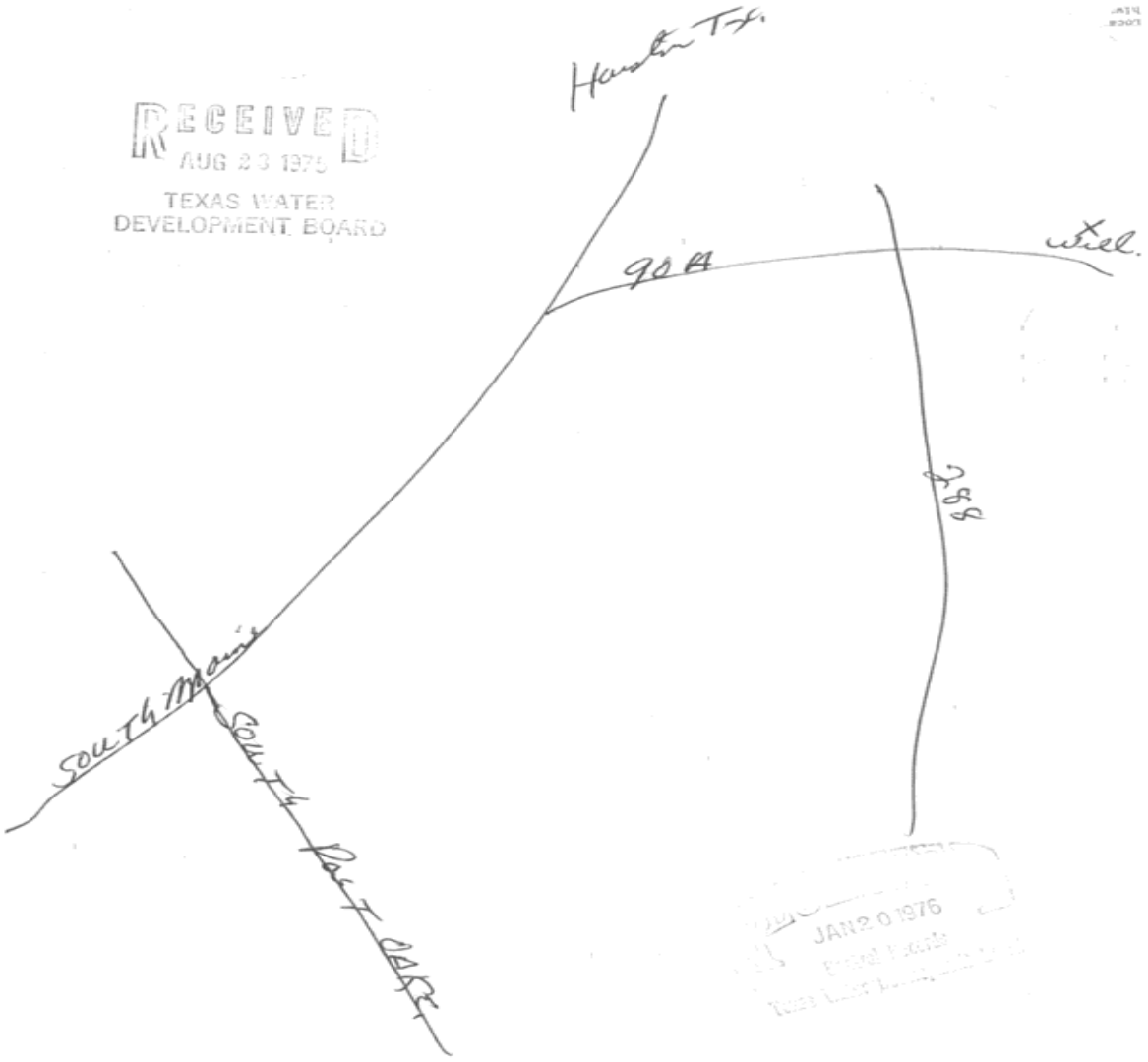
2)LOCATION OF WELL:

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 23 1976
TEXAS WATER
DEVELOPMENT BOARD

JAN 20 1976

MAP ID# 351 **Distance from Property: 4.51 mi. SSW**

TRACK #: **197986**
DATE ENTERED: **2009-11-03**
OWNER NAME: **GROCERS SUPPLY**
OWNER ADDRESS: **3131 E HOLCOMBE**
HOUSTON, TX 77021
COUNTY: **HARRIS**
LATITUDE: **29.702223000** LONGITUDE: **-95.377778000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=197986&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2009-10-22**
DRILLING DATE (COMPLETED): **2009-10-25**
DEPTH DRILLED: **395'**

WATER LEVEL:
STATIC LEVEL: **190'**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
INDUSTRIAL
COMPANY INFORMATION:
COMPANY NAME: **O'DAY DRILLING COMPANY, INC**
COMPANY ADDRESS: **5923 CR 931**
ROSHARON, TX 77583

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 352 **Distance from Property: 4.52 mi. SSW**

ID NUMBER:	**TX208466**
STATE ID :	**N/A**
OWNER NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**07/??/1973**
DEPTH DRILLED:	**1832'**
STATIC LEVEL:	**352'**
WATER USAGE:	**MUNICIPAL**
LONGITUDE:	**-95.388427000**
LATITUDE:	**29.710759000**

2 PAGE(S) OF DRILLERS' LOGS

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 NO
Received: 73

1) OWNER:
Person having well drilled City of Houston (Name) Address City Hall (Street or RFD) Houston, Texas (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.* Outer Belt Dr. Fannin St. Well Site Zoo Circle 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 24" in. Depth drilled 1832 ft. Depth of completed well 1787 ft. Date drilled 7-73
All measurements made from 10½ ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	12	Rotary Space
12	45	Surface Clay
45	195	Sandy Shale
195	240	Shale
240	350	Shale w/streaks of find sand
350	400	Sand
410	458	Shale w/lime streaks
458	478	Shale and sand
478	496	Shale
496	510	Sand
510	520	Shale

(Use reverse side if necessary) (over)

9) Casing:
Type: Old New X Steel Plastic Other
Cemented from 0 ft. to 710 ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
14"	610	718	Blank Pipe
14"	804	900	" "
14"	922	960	" "

10) SCREEN: (over)
Type SS Screen
Perforated Slotted X

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
14"	718	804	#50 SS Screen
14"	900	922	#40 " "
14"	960	978	#40 " "

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

8) WATER LEVEL:
Static level 352 ft. below land surface Date 7-73
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., ft. below land surface.

11) WELL TESTS: (over)
Was a pump test made? Yes X No If yes, by whom? Texas Water Wells, Inc.
Yield: 2118 gpm with 54 ft. drawdown after 96 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
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 Drive (Street or RFD) Houston, Texas 77029 (City) (State)
(Signed) A. E. Fawcett Jr. (Water Well Driller) Texas Water Well, 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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

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.

520	598	Sand w/hard streaks
598	615	Sand
615	650	Shale
650	910	Sand w/broken shale streaks
910	935	Shale
935	1220	Sand w/streaks of shale and lime
1220	1305	Shale and lime
1305	1307	Sand
1307	1350	Shale
1350	1500	Sand w/shaley streaks
1500	1532	Shale
1532	1571	Sand w/hard streaks
1571	1640	Sand
1640	1646	Shale
1646	1670	Sandy shale
1670	1730	Sand
1730	1798	Sandy shale and sand
1798	1828	Shale
1828	1832	Sandy shale

14"	978	988	Blank pipe
14"	1008	1036	" "
14"	1053	1118	" "
14"	1134	1184	" "
14"	1206	1238	" "
14"	1238	1308	" "
14"	1352	1390	" "
14"	1454	1500	" "
14"	1544	1558	" "
14"	1589	1618	" "
14"	1658	1714	" "
14"	1732	1752	" "
14"	1772	1787	" "
	1787		Wooden wash plug & back pressure valve

14"	988	1008	#35 S. S. Screen
14"	1036	1053	#40 " "
14"	1118	1134	#40 " "
14"	1184	1206	#35 " "
14"	1308	1352	#40 " "
14"	1390	1454	#35 " "
14"	1500	1544	#40 " "
14"	1558	1589	#45 " "
14"	1618	1658	#35 " "
14"	1714	1732	#35 " "
14"	1752	1772	#35 " "

RECEIVED
SEP 14 1973
Central Records
Texas Water Development Board

DEVELOPMENT BOARD
TEXAS WATER
JUL 20 1973
RECEIVED

MAP ID# 353 **Distance from Property: 4.54 mi. WSW**

TRACK #: **222014**
DATE ENTERED: **2010-07-06**
OWNER NAME: **DON CHALMERS**
OWNER ADDRESS: **3246 INWOOD DR.**
HOUSTON, TX 77019
COUNTY: **HARRIS**
LATITUDE: **29.750278000** LONGITUDE: **-95.424722000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=222014&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2010-06-02**
DRILLING DATE (COMPLETED): **2010-06-07**
DEPTH DRILLED: **400'**

WATER LEVEL:
STATIC LEVEL: **190'**
WATER LEVEL DATE: **2010-06-16**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
REPLACEMENT

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **SCOTT DRILLING, INC.**
COMPANY ADDRESS: **11923 GREEN PINES CIRCLE**
HOUSTON, TX 77066

MAP ID# 353 **Distance from Property: 4.54 mi. WSW**

TRACK #: **199502**
DATE ENTERED: **2009-11-19**
OWNER NAME: **MOSING, KEITH**
OWNER ADDRESS: **10260 WESTHEIMER #700**
HOUSTON, TX 77042
COUNTY: **HARRIS**
LATITUDE: **29.751112000** LONGITUDE: **-95.425833000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=199502&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2009-11-13**
DRILLING DATE (COMPLETED): **2009-11-14**
DEPTH DRILLED: **402'**

WATER LEVEL:
STATIC LEVEL: **190'**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **O'DAY DRILLING COMPANY, INC**
COMPANY ADDRESS: **5923 CR 931**
ROSHARON, TX 77583

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 353 **Distance from Property: 4.54 mi. WSW**

STATE ID:	**65-13-814**
OWNER'S NAME:	**H. R. CULLEN**
DATE DRILLED:	**00/00/1935**
DEPTH DRILLED:	**1084'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.424660000**
LATITUDE:	**29.751830000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513814/6513814.pdf**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 354 **Distance from Property: 4.55 mi. W**

ID NUMBER:	**TX206422**
STATE ID :	**65-13-8F**
OWNER NAME:	**SOUTHWEST FABRICATORS**
DATE DRILLED:	**01/??/1974**
DEPTH DRILLED:	**517'**
STATIC LEVEL:	**245'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.425760000**
LATITUDE:	**29.755779000**

1 PAGE(S) OF DRILLERS' LOGS

8F

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 yes
Received: 7-4-74

1) OWNER:
Person having well drilled: Southwest Fabricators (Name) Address: P.O. Box 9449 Houston, Texas (Street or RFD) (City) (State)

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

2) LOCATION OF WELL:
County: Harris, 4 miles in W (N.E., S.W., etc.) direction from Center of Houston (Town)

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

Well isx located at Southwest Plant on Harrisburg Blvd.

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 ~~xxxx~~ 517 ft. Depth of completed well 517. ft. Date drilled Jan. 74
All measurements made from 4 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	52	clay
52	76	sand
76	216	clay
216	234	sand
234	279	clay
279	303	sand
303	355	clay
355	363	sand
363	485	clay
485	516	sand
516	517	clay

(Use reverse side if necessary)

9) Casing:
Type: Old, xNew, xSteel, Plastic, Other
Cemented from 0 ft. to 441 ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
8	0	441	25#

10) SCREEN:
Type Pipe base stainless steel ribbed
Perforated, Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
6"	485	515	18 ga

7) COMPLETION (Check): x Straight wall, Gravel packed, Other, Under reamed, Open Hole

8) WATER LEVEL:
Static level 245 ft. below land surface Date Jan. 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 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, Texas (City) 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.

OST-WDR

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 355 **Distance from Property: 4.56 mi. W**

ID NUMBER:	**TX200639**
STATE ID :	**65-15-8**
OWNER NAME:	**BOBBY EARTHMAN**
DATE DRILLED:	**08/07/2001**
DEPTH DRILLED:	**430'**
STATIC LEVEL:	**180'**
WATER USAGE:	**IRRIGATION FOR RESIDENCE**
LONGITUDE:	**-95.426859000**
LATITUDE:	**29.761293000**

1 PAGE(S) OF DRILLERS' LOGS

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 KAUFMAN	28 CRESTWOOD DR.	HOUSTON	TX.	77007

2) WELL LOCATION

County	Physical Address	City	State	Zip
HARRIS	28 CRESTWOOD DR.	HOUSTON	TX.	77007

Lat. | Long. | Grid # 65-15-8

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 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
6	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 76
0 ft. to 13 ft. # of sacks used 12
Method Used HALLIBURTON
Cementing By RWW
Distance to septic system field or other concentrated contamination CLOSER
Method of verification of above distance CLOSER

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

RECEIVED NOV 09 2001 AMOUNT

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	9/13/01		/ /

TDLR FORM [illegible] White - TDLR Yellow - Owner Pink - Driller/Pump Installer 200639

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 356 **Distance from Property: 4.57 mi. N**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **295002095211701**
STATION NAME: **LJ-65-14-118**
SITE TYPE: **GW**
LATITUDE: **29.834540000** LONGITUDE: **-95.354660000**
DATE DRILLED: **01/01/1929**
WELL DEPTH: **58 feet**
HOLE DEPTH: **58 feet**
LOCAL AQUIFER: **CHICOT AQUIFER**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 356 **Distance from Property: 4.57 mi. N**

STATE ID:	**65-14-118**
OWNER'S NAME:	**H.A. BURDEN**
DATE DRILLED:	**00/00/1929**
DEPTH DRILLED:	**58'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.354660000**
LATITUDE:	**29.834540000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514118/6514118.pdf**

WATER UTILITY DATABASE (WUD)

MAP ID# 357 **Distance from Property: 4.58 mi. NE**

PWSID:	**1010013**
SOURCE ID:	**G1010013MW**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1950**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.297775270**
LATITUDE:	**29.816389080**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 357 **Distance from Property: 4.57 mi. NE**

STATE ID:	**65-14-504**
OWNER'S NAME:	**CITY OF HOUSTON HOUSTON GARDENS**
DATE DRILLED:	**00/00/1950**
DEPTH DRILLED:	**603'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.298300000**
LATITUDE:	**29.816670000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514504/6514504.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 504 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 48 59 Longitude - 95 17 52 Source of Coords - 3

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

Owner - City of Houston
Houston Gardens

Driller - Texas Water Wells

Address _____ Tenant/Oper. _____
Date Drilled - / /1950 Depth - 603 ft. Source of Depth - R Altitude - 47 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 14 504

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 358 **Distance from Property: 4.57 mi. WSW**

ID NUMBER:	**TX206001**
STATE ID :	**65-21-2**
OWNER NAME:	**CHALMERS**
DATE DRILLED:	**11/30/1985**
DEPTH DRILLED:	**330'**
STATIC LEVEL:	**226'**
WATER USAGE:	**HEAT PUMP SUPPLY**
LONGITUDE:	**-95.424903000**
LATITUDE:	**29.750791000**

2 PAGE(S) OF DRILLERS' LOGS

Water Well ID: 206001

5

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 Chalmers (Name) Address 3247 Inwood (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 Heat Pump Supply

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

6) WELL LOG:

Date drilled 11/30/85

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
7½	Surface	291
4½	291	330

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	9	White Clay
9	27	White Sand
27	45	White Clay
45	54	Tan Sand 009
54	157	Red Clay
157	186	Salt & Pepper Sand 010-014
186	227	Shale
227	245	Salt & Pepper Sand 014-018
245	266	Clay
266	278	Salt & Pepper Sand 008
278	291	Shale
291	304	Salt & Peppe Sand 008-012
304	330	~~Salt~~ & Broken 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 SDR 21 Pipe	0	291	Case
2½	N	Galv Sch40 Pipe	283	284	Liner
2½	N	SS Rod Base Wesco Screen	284	304	008
2½	N	Galv Sch40 Pipe	304	330	Blank

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 10 4 Sacks
150 ft. to 290 8 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 226 ft. below land surface Date 12/2/85
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., 273 ft.

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

RECEIVED
FEB 18 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 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 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 TDWR use only: Well No. 65-21-2 Located on map

DWR-0392 (12/29/83)

DEPARTMENT OF WATER RESOURCES COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 358 **Distance from Property: 4.57 mi. WSW**

ID NUMBER:	**TX206002**
STATE ID :	**65-21-2**
OWNER NAME:	**CHALMERS**
DATE DRILLED:	**11/26/1985**
DEPTH DRILLED:	**246'**
STATIC LEVEL:	**208'**
WATER USAGE:	**HEAT PUMP INJECTION**
LONGITUDE:	**-95.424903000**
LATITUDE:	**29.750791000**

2 PAGE(S) OF DRILLERS' LOGS

5

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 Chalmers (Name) Address 3247 Inwood (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 Heat Pump Injection

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

6) WELL LOG:

Date drilled 11/26/85

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6½	Surface	223
4½	223	246

From (ft.)	To (ft.)	Description and color of formation material
0	3	Soil
3	9	White Clay
9	27	White Sand
27	45	White Clay
45	54	Tan Sand boss
54	157	Red Clay
157	186	Salt & Pepper Sand 010-014
186	227	Shale
227	245	Salt & Pepper Sand 014-018
245	246	Clay

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 Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4	N	PVC Sch40 Pipe	0	223	Case
2½	N	Galv Sch40 Pipe	221	226	line
2½	N	S.S. Rod Base			
		Wesco Screen	226	246	010 012

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 10 4 sacks
50 ft. to 200 8 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 208 ft. below land surface Date 11/27/85
Artesian flow gpm. Date

12) PACKERS: Type Depth
N/A

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☒ Other None
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.

RECEIVED
FEB 18 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 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 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 TDWR use only
Well No. 65-21-2
Located on map

DEPARTMENT OF WATER RESOURCES COPY

TDWR-0392 (12/29/83)

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HOUSTON
Hall
Cortez
Terry
HARRIS COUNTY
TEXAS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 359 **Distance from Property: 4.57 mi. SSE**

ID NUMBER:	**TX204954**
STATE ID :	**65-22-1**
OWNER NAME:	**PAN AFRICAN ORTHODOX CHRISTIAN CHURCH**
DATE DRILLED:	**07/20/1999**
DEPTH DRILLED:	**410'**
STATIC LEVEL:	**180'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.335590000**
LATITUDE:	**29.702784000**

1 PAGE(S) OF DRILLERS' LOGS

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 PAN AFRICAN ORTHODOX CHRISTIAN CHURCH (Name) ADDRESS 5500 MARTIN LUTHER KING HOU. TX. 77048 (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL'S LOCATION: County HARRIS 5320 MLK HOUSTON, TX. 77048 (Street, RFD or other) (City) (State) (Zip) Long. _____ Lat. _____ Grid # 65-22-1

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)

6) WELL LOG:
Date Drilling:
Started 7/19 19 99
Completed 7/20 19 99

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
	Surface	
6 3/4	0	410

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	50	clay
50	110	sand
110	135	clay
135	150	sand
150	210	clay
210	240	sand
240	280	clay
280	295	sand
295	385	shale
385	410	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
4	N	PVC CASING	0	390	
2.5	"	" LINNER	375	390	
"	"	" SCREEN	390	410	.006

9) CEMENTING DATA
Cemented from 390 ft. to 90 ft. No. of sacks used 15
0 ft. to 10 ft. No. of sacks used 11
Method used HALLIBURTON
Cemented by SWW
Distance to septic system field lines or other concentrated contamination NA ft.
Method of verification of above distance MUD

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 [X] Submersible [ ] Cylinder
[ ] Other _____
Depth to pump bowls, cylinder, jet, etc., 240 ft.

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed
[X] Specified Steel Sleeve Installed
[ ] Pitless Adapter Used
[ ] 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 180 ft. below land surface Date 7/20/99
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	Depth
K-PACKER	375

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 SCOTT WATER WELL SER. INC. (Type or print) WELL DRILLER'S LICENSE NO. 4839 WI

ADDRESS 11915 GREEN PINE CIRCLE (Street or RFD) HOUSTON, TX. (City) 77066 (State) (Zip)

(Signed) Scott Robinson (Licensed Well Driller) (Signed) Edwin Ritter (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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 359 **Distance from Property: 4.57 mi. SSE**

ID NUMBER:	**TX204955**
STATE ID :	**65-22-1**
OWNER NAME:	**PAN AFRICAN ORTHODOX CHRISTIAN CHURCH**
DATE DRILLED:	**07/22/1999**
DEPTH DRILLED:	**445'**
STATIC LEVEL:	**180'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.335592000**
LATITUDE:	**29.702784000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified return receipt requeste 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 PAN AFRICAN ORTHODOX CHRISTIAN CHURCH (Name) ADDRESS 5500 MARTIN LUTHER KING HOU. TX 77048 (Street or RFD) (City) (State) (Zip)

2) ADDRESS OF WELL'S LOCATION: County HARRIS 5520 MLK HOUSTON, TX. 77048 (Street, RFD or other) (City) (State) (Zip) Long. _____ Lat. _____ Grid # 65-22-1

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)

6) WELL LOG:
Date Drilling:
Started 7/21 19 99
Completed 7/22 19 99

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
	Surface	
6 3/4	0	445

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	50	clay
50	110	sand
110	135	clay
135	150	sand
150	210	clay
210	240	sand
240	270	clay
270	295	sand
295	420	shale
420	445	sand

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

8) Borehole Completion (Check): [ ] Open Hole [ ] Straight Wall [ ] Underreamed [ ] Gravel Packed [X] 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 CASING	0	425	
2.5	"	" LINNER	375	425	
"	"	" SCREEM	425	445	.006

9) CEMENTING DATA
Cemented from 425 ft. to 125 ft. No. of sacks used 15
0 ft. to 10 ft. No. of sacks used 10
Method used HALLIBURTON
Cemented by SWW
Distance to septic system field lines or other concentrated contamination na ft.
Method of verification of above distance MUD

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 [X] Submersible [ ] Cylinder [ ] Other _____
Depth to pump bowls, cylinder, jet, etc. 240 ft.

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed
[X] Specified Steel Sleeve Installed
[ ] Pitless Adapter Used
[ ] Approved Alternative Procedure Used

15) WELL TESTS:
Typetest: [ ] Pump [ ] Bailer [X] Jetted [ ] Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

11) WATER LEVEL:
Static level 180 ft. below land surface Date 7/22/99
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	Depth
K-PACKER	375

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 SCOTT WATER WELL SER. INC. (Type or print) WELL DRILLER'S LICENSE NO. 4839 WI

ADDRESS 11915 GREEN PINE CIR (Street or RFD) HOUSTON, TX. (City) 77066 (State) (Zip)

(Signed) Scott Robinson (Licensed Well Driller) (Signed) Edwin Ritter (Registered Driller Trainee)

FILED DEC 09 1999

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

TDLR FORM 001WWD (4/98) White - TDLR Yellow - DRILLER Pink - WELL OWNER

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 359 **Distance from Property: 4.57 mi. SSE**

WELL ID:	**7507**
OWNERS NAME:	**PAN AFRICAN ORTHODOX CHRISTIAN CHURCH**
YEAR DRILLED:	**1999**
DEPTH DRILLED:	**400'**
STATIC LEVEL:	**300'**
WATER USAGE:	**AGRICULTURAL IRRIGATION**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.335592000**
LATITUDE:	**29.702784000**
SOURCE:	**HGSD**

MAP ID# 360 **Distance from Property: 4.58 mi. WSW**

TRACK #: **145996**
DATE ENTERED: **2008-07-08**
OWNER NAME: **SAM DOUGLASS**
OWNER ADDRESS: **3229 GROVELAND**
HOUSTON, TX 77019
COUNTY: **HARRIS**
LATITUDE: **29.748056000** LONGITUDE: **-95.424444000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=145996&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2007-10-17**
DRILLING DATE (COMPLETED): **2008-05-07**
DEPTH DRILLED: **515'**

WATER LEVEL:
STATIC LEVEL: **195'**
WATER LEVEL DATE: **2008-05-08**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **SCOTT DRILLING INC**
COMPANY ADDRESS: **11923 GREEN PINE CIRCLE**
HOUSTON, TX 77066

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 361 **Distance from Property: 4.58 mi. NNE**

STATE ID:	**65-14-401**
OWNER'S NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1949**
DEPTH DRILLED:	**1970'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.334938000**
LATITUDE:	**29.833464000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514401/6514401.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 401 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 49 59 Longitude - 95 20 04 Source of Coords - 2

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

Owner - City of Houston
Northeast

Driller - Layne Texas

Address _____ Tenant/Oper. _____

Date Drilled - / /1949 Depth - 1,970 ft. Source of Depth - Altitude - 64 ft. Source of Alt. -
Well Type - W User - 396200

Aquifer - 121EVGL EVANGELINE AQUIFER

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

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- H Quality- Y Logs- Other Data- AC

WATER LEVELS
Date- 03/24/1950 Measurement- -136.10
Date- 01/12/1990 Measurement- -452.00

Recorded By _____ Date Record Collected or Updated- / /

| 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		

Reporting Agency -
REMARKS -
390 ft of screen between 1010 and
1950 ft. Measured yield 2950 gpm
with 84 ft drawdown when drilled.
Well 8. Aquifer test data in TWDB
R-98.

Aquifer - 121EVGL
Well No. - 65 14 401

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

WRD Exp. (GW)
April 1966

Well No. LJ-65-14-401

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD (T. Brown) 1:24000

Record by R.B.A & RKG (3-10-69) Source of data FILES Date 2-20-68 Map Sept 1955

State Texas 48 County (or town) Harris LJ

Latitude: 29 45 8 N Longitude: 095 20 03 Sequential number: 1

Lat-long accuracy: 10 T. ___ S, R ___ W, Sec ___, ___, ___, ___

Local well number: LJ-65-14-401 Other number: NORTHEAST #8 B & M

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) 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, (Ø) 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 A Field aquifer char.

Hyd. lab. date: ___

Qual. water data; type: ___

Freq. sampling: 4-16-52 A Pumpage inventory: yes no, period: ___

Aperture cards: ___ yes

Log date: E-LOG U-18 E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1970 ft 1370 Meas. (apt) DRILLER accuracy 3

Depth cased; (first perf.) 1010 ft 1010 Casing type: S ; Diam. 24-12¾ in 24

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Ø) open end, (P) perf., screen, sd. pt., (S) shored, (T) open hole, (W) other G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd roc., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other H

Date Drilled: 1949 5 4 9

Pump intake setting: ___ ft

Driller: LAYNE-TEXAS CO. (name) HOUSTON, TEX. (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 ___ ft above/below LSD . Alt. MP ___

Alt. LSD: 64 64 Accuracy: (source) 5' TOPO 3

Water Level 152.75 ft above/below MP; Ft above/below LSD 153 Accuracy: tape meas —

Date meas: Mar. 29, 1950 3 5 0 Yield: 2950 gpm 2 9 5 0 Method determined ___

Drawdown: 84 ft 84 Accuracy: USGS WELLS, MD Pumping period 92 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-65-14-401

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Well No. LJ-65-14-401

Latitude-longitude 29 d 49 m 58 s 095 d 20 m 03 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD | Physiographic Province: COASTAL PLAINS [03] | Section:

[F] Drainage Basin: [511B] | Subbasin:

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

MAJOR AQUIFER: ____ system . ____ series [T] ____ aquifer, formation, group [E] ✓

Lithology: ____ Origin: ____ Aquifer Thickness: ____ ft

Length of well open to: 390 ft | Depth to top of: [330] 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: 1010-1030, 1065-1120, 1180-1135, 1230-1315, 1410-1430, 1470-1495

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/ft²; Spec cap: ✓ gpm/ft; Number of geologic cards: ____

CASING:
604' OF 24"
1,466' OF 12 3/4"
(504'-1970')

SCREENS:
1630-1700
1760-1775
1900-1850
1915-1950

.030 ga. adm. Br. WW

Drill stem sample from
2461-2512'
1919-1960'
1974-1994'

Well No. LJ-65-14-401

GPO 857-700

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020976

Latitude	Longitude	Seq. No.
29 49 58	095 20 03	01

County code 201 County HARRIS
Well # LJ-65-14-401
Project number 7-4648-01000
Date 2-8-77 Time ____ Temp°C 28.5
Owner City of Houston
Address North East #8
Date drld 1949 WBF code 21 EVGL
Sample interval: (top) 1010 (bottom) 1950
Water level ____ Appr Clear Use PS
Collector BUTLER Yield ____ GPM
Smpld aftr pmpg ____ Depth 1970
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 29495809520030 1 (2–16)

Y M D (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008	1970	04	
Yield (GPM)	00059			
Sample interval TOP	72015	1010	04	
Sample interval BOTTOM	72016	1950	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	7700	01		7.7
Specific conductance	00095	5990	03		599
HCO_3	00440	2760	03		276
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	31625				
Strep-tococci	31673				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Austin, Texas

Latitude ° ' " 29 49 58 | Longitude ° ' " 095 20 03 | Seq. No. 01

County code LJ201 County Harris

Well # LJ-65-14-401

Project number S-4648-01000

Date 2-3-75 Time ____ Temp °C 28.5

Owner City of Houston

Address Northeast #8

Date drld 1949 WBF code 121EVGL

Sample interval: (top) 1010 (bottom) 1950

Water level ____ Appr ____ Use PS

Collector Naftel Yield ____ GPM

Smpld aftr pmpg on arr. Depth 1970

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 2949580952003 01 (2–16)

Y M D: 75 02 03 (17–22) Begin

Time of measurement: ____ (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008	1970	04	
Yield (GPM)	00059			
Sample interval TOP	72015	1010	04	
Sample interval BOTTOM	72016	1950	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		28.5
pH	00400	7600	01		7.6
Specific conductance	00095	5900	03		590
HCO_3	00440	2710	03		271
CO_3	00445	0000	01		0
Chloride (Cl)	00940	5200	02	up 4	52
Sulfate (SO_4)	00945	7600	01		7.6
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Water ... Austin, Texas

Latitude	Longitude	Seq. No.
29 49 58	095 20 03	01

County code 101 County Harris

Well # LJ-65-14-401

Project number T-4648-01000

Date 9-9-76 Time — Temp°C ?

Owner City of Houston

Address Northeast #8

Date drld — WBF code 121 Eval

Sample interval: (top) 1010 (bottom) 1950

Water level — Appr Clear Use PS

Collector King & 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: 2949580952003 01 (2–16)

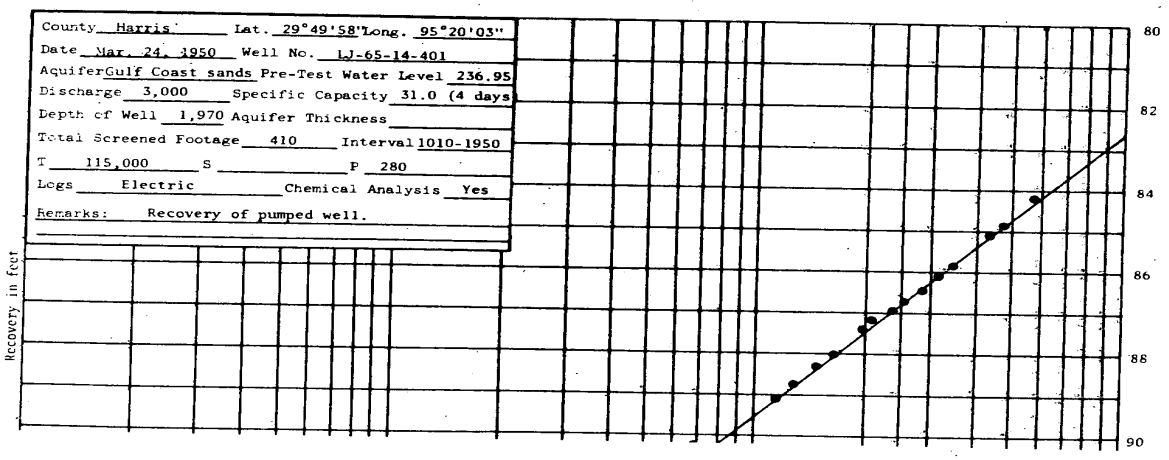
Y M D: 76 09 09 (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample interval TOP	72015	1010	04	
Sample interval BOTTOM	72016	1950	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	5910	03		591
HCO_3	00440	2780	03		278
CO_3	00445	0000	01		0
Chloride (Cl)	00940	5300	02		53
Sulfate (SO_4)	00945	7200	01		7.2
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


County Harris Lat. 29°49'58" Long. 95°20'03"
Date Mar. 24, 1950 Well No. LJ-65-14-401
Aquifer Gulf Coast sands Pre-Test Water Level 236.95
Discharge 3,000 Specific Capacity 31.0 (4 days
Depth of Well 1,970 Aquifer Thickness
Total Screened Footage 410 Interval 1010-1950
T 115,000 S P 280
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
Recovery in feet
80
82
84
86
88
90

WATER UTILITY DATABASE (WUD)

MAP ID# 361 **Distance from Property: 4.58 mi. NNE**

PWSID:	**1010013**
SOURCE ID:	**G1010013AM**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**12/07/1949**
SCREEN BOTTOM:	**1,846.00'**
SCREEN TOP:	**1,020.00'**
GALLONS PER MINUTE:	**1,500**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.334938050**
LATITUDE:	**29.833463670**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 361 **Distance from Property: 4.58 mi. NNE**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294958095200301**
STATION NAME: **LJ-65-14-401**
SITE TYPE: **GW**
LATITUDE: **29.833464000** LONGITUDE: **-95.334938000**
DATE DRILLED: **01/01/1949**
WELL DEPTH: **1970 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 361 **Distance from Property: 4.58 mi. NNE**

WELL ID:	**1089**
OWNERS NAME:	
YEAR DRILLED:	**1949**
DEPTH DRILLED:	**1970'**
STATIC LEVEL:	**999'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.334938000**
LATITUDE:	**29.833464000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 362 **Distance from Property: 4.59 mi. SW**

STATE ID:	**65-21-307**
OWNER'S NAME:	**HERMAN HOSPITAL**
DATE DRILLED:	**00/00/1937**
DEPTH DRILLED:	**417'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.395559000**
LATITUDE:	**29.713529000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521307/6521307.pdf**

WRD Exp. (GW)
April 1966

Well No. LJ-65-21-307

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by S.B.McAdoo N.A.Rose 1941 — Source of data F.C — Date 1-22-68 — Map Bellaire 1955 1:24000

State Texas 48 — County (or town) Harris 201

Latitude: 29 deg 42 min 50 sec N — Longitude: 095 degrees 23 min 42 sec W — Sequential number: 1

Lat-long accuracy: 1 — T. ___ N, S. ___ R ___ E, W. Sec ___, ___ k, ___ k, ___ k, ___ k

Local well number: LJ-65-21-307 — Other number: B & H # 773

Local use: ___ — Owner or name: Hermann Hospital

Owner or name: HERMANN HOSPITAL — 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, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other: destroyed 1973 — T P

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Rec, (O) Obs, (Q) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed — W Z

DATA AVAILABLE: Well data 1 — Freq. W/L meas.: 1953 — 73 Annual A — Field aquifer char.

Hyd. lab. data: drop MIS 9-73

Qual. water data; type:

Freq. sampling: none — Pumpage inventory: yes / no, period:

Aperture cards: — yes

Log data: D-Log D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 417 ft 417 — Meas. Driller accuracy 3

Depth cased; (first perf.) 366 ft 366 — Casing type: S; Diam. 10¾-5 in 10

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. open gallery, (Φ) end, (P) perf., screen, sd. pt., (S) shored, (T) 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: Aug 1937 — 9 3 7 — 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, (X) other — T — Desp Shallow D

Power (type): diesel, (elec) nat gas, gasoline, hand, LP gas, wind; H.P. 25 — V — Trans. or meter no.

Descrip. MP ___ ft above below LSD, Alt. MP ___

Alt. LSD: 45 — Accuracy: (source) Topo 5' — 3

Water Level ___ ft above below MP; Ft above below LSD — Accuracy: ___

Date meas: ___ — Yield: 260 gpm — 2 6 0 — Method determined ___

Drawdown: 36 ft — 3 6 — Accuracy: rept — 1937 — 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-65-21-307

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Well No. LT-65-21-307

Latitude-longitude 29, 42, 50 (N) 095, 23, 42.1
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19)

Physiographic Province: Coastal Plain (20–21): 07

Section: N/A

C C D (22): E

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, (Φ) 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): CL

Lithology: (32–33) Origin: (34) Aquifer Thickness: ____ ft

(35–37) Length of well open to: 49 ft (38–40): 49 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: 366-415.

Depth to consolidated rock: ____ ft (60–62) 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)

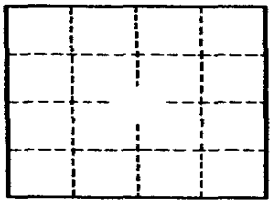
Coefficient Perm: ____ gpd/ft²; Spec cap: ____ gpm/ft; Number of geologic cards: ____ (79)

0-292' = 10 3/4" CSG

292-417 = 5" CSG.

WELL REWORKED IN 4-1-63

8" LINED INSTALLED – SAME DEPTH.



Well No. LT-65-21-307

GPO 857–700

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 362 **Distance from Property: 4.59 mi. SW**

WELL ID:	**2199**
OWNERS NAME:	**HERMANN HOSPITAL ESTATE**
YEAR DRILLED:	**1963**
DEPTH DRILLED:	**417'**
STATIC LEVEL:	**366'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.395556000**
LATITUDE:	**29.713533000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 363 **Distance from Property: 4.60 mi. NNE**

STATE ID:	**65-14-513**
OWNER'S NAME:	**HOUSTON BELT AND TERMINAL RAILROAD**
DATE DRILLED:	**00/00/1940**
DEPTH DRILLED:	**826'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.320730000**
LATITUDE:	**29.829770000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514513/6514513.pdf**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 364 **Distance from Property: 4.61 mi. WSW**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294501095253301**
STATION NAME: **LJ-65-13-840**
SITE TYPE: **GW**
LATITUDE: **29.751530000** LONGITUDE: **-95.425750000**
DATE DRILLED: **05/15/1987**
WELL DEPTH: **471 feet**
HOLE DEPTH: **471 feet**
LOCAL AQUIFER: **CHICOT AQUIFER**

MAP ID# 364 **Distance from Property: 4.61 mi. WSW**

TRACK #: **20927**
DATE ENTERED: **2003-05-30**
OWNER NAME: **NED HOLMES**
OWNER ADDRESS: **1623 RIVER OAKS BLVD**
HOUSTON, TX 77019
COUNTY: **HARRIS**
LATITUDE: **29.751945000** LONGITUDE: **-95.425833000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=20927&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2003-05-08**
DRILLING DATE (COMPLETED): **2003-05-12**
DEPTH DRILLED: **520'**

WATER LEVEL:
STATIC LEVEL: **220'**
WATER LEVEL DATE: **2003-05-12**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **SCOTT DRILLING INC**
COMPANY ADDRESS: **11923 GREEN PINE CIRCLE**
HOUSTON, TX 77066

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 364 **Distance from Property: 4.61 mi. WSW**

STATE ID:	**65-13-840**
OWNER'S NAME:	**HARRY HOLMES**
DATE DRILLED:	**00/00/1987**
DEPTH DRILLED:	**471'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.425750000**
LATITUDE:	**29.751530000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513840/6513840.pdf**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 365 **Distance from Property: 4.61 mi. WSW**

ID NUMBER:	**TX205992**
STATE ID :	**65-21-2**
OWNER NAME:	**FAIRFAX RANDAL**
DATE DRILLED:	**04/11/1994**
DEPTH DRILLED:	**410'**
STATIC LEVEL:	**220'**
WATER USAGE:	**SINGLE FAMILY RESID**
LONGITUDE:	**-95.424758000**
LATITUDE:	**29.748289000**

2 PAGE(S) OF DRILLERS' LOGS

ST 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 7) BOREHOLE METHOD:

DIAMETER	FROM	TO
8.0	0	375
4.875	375	410

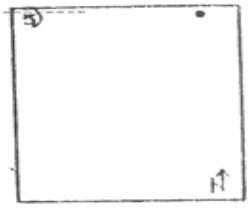
TWO STRING/K-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

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



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. Schuessler (LICENSED WATER WELL DRILLER)

(signed) _____ (REGISTERED DRILLER TRAINEE)

S E OF TEXAS WATER WELL REPORT (PAGE 2)

OWNER: RANDALL, FAIRFAX ADDRESS: 3249 CHEVY CHASE CITY: HOUSTON STATE: TX ZIP: -

406 410 BROKEN SAND & CLAY

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 366 **Distance from Property: 4.61 mi. WSW**

ID NUMBER:	**TX204739**
STATE ID :	**N/A**
OWNER NAME:	**MISTER CAR WASH**
DATE DRILLED:	**09/03/1994**
DEPTH DRILLED:	**582'**
STATIC LEVEL:	**175'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.419314000**
LATITUDE:	**29.736684000**

2 PAGE(S) OF DRILLERS' LOGS

(4)

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 Mister Car Wash (Name) ADDRESS 3150 Kirby (Street or RFD) Houston, Tx. (City) (State) (Zip)

2) LOCATION OF WELL: County Harris . 4 miles in ~~SSE~~ 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 ☐ Driven ☐ 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
2 1/2	N	PVC Liner	502	482	Sch 40
2 1/2	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 CG 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)

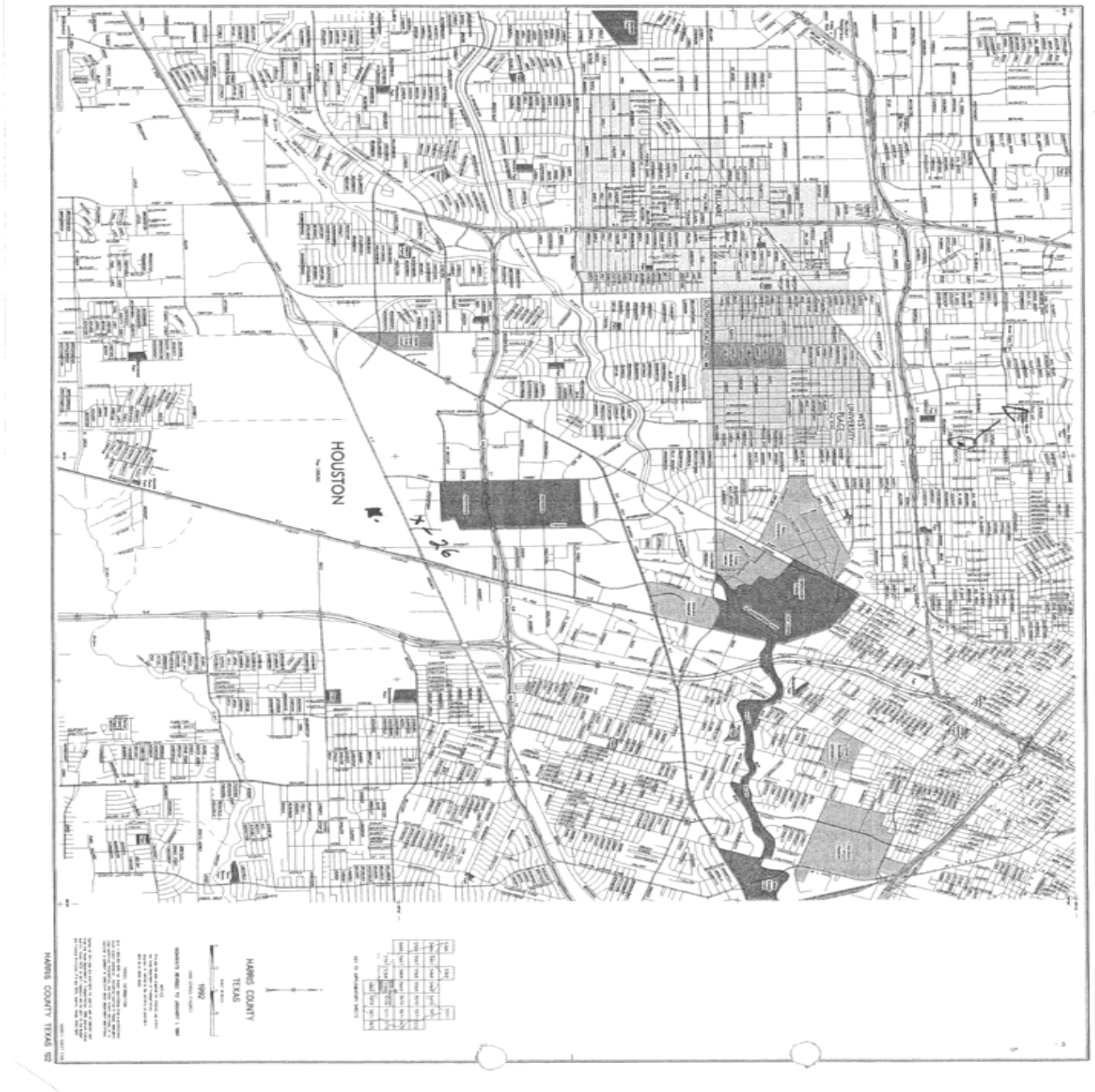
(Signed) Jim Robinson Dg (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

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) (6521-2) TEXAS WATER COMMISSION COPY 204739

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


HOUSTON
I-10
HARRIS COUNTY
TEXAS
1992
HARRIS COUNTY TEXAS 102

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 366 **Distance from Property: 4.61 mi. WSW**

WELL ID:	**4959**
OWNERS NAME:	**CWP ASSET CORP./MISTER CAR WASH**
YEAR DRILLED:	**1994**
DEPTH DRILLED:	**550'**
STATIC LEVEL:	**525'**
WATER USAGE:	**OTHER**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.419314000**
LATITUDE:	**29.736684000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 367 **Distance from Property: 4.63 mi. SW**

ID NUMBER:	**TX199512**
STATE ID :	**65-21-3**
OWNER NAME:	**TOM TAYLOR**
DATE DRILLED:	**07/25/1986**
DEPTH DRILLED:	**200'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**OTHER**
LONGITUDE:	**-95.409792000**
LATITUDE:	**29.724144000**

2 PAGE(S) OF DRILLERS' LOGS

19mi 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 Tom Taylor (Name) Address 2188 Albans (Street or RFD) Houston (City) Tx (State) 77005 (Zip)

2) LOCATION OF WELL: County HARRIS miles in ___ (N.E., S.W., etc.) direction from IN 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 7-3 1986 Completed 7-25 1986

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
4	Surface	1
	1	200

From (ft.)	To (ft.)	Description and color of formation material
1	35	BLACK CLAY/SAND
35	200	Red/white CLAY

4 wells used for Geo Thermal 9ft APART

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
		Polybutylene			

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0' ft. to 10 ft. No. of Sacks Used 12
ft. to ___ ft. No. of Sacks Used ___
Method used wet
Cemented by Jacob Schaefer

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 NA ft. below land surface Date ___
Artesian flow ___ gpm. Date ___

12) PACKERS: Type NA Depth ___

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

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

RECEIVED
AUG 0 5 86
Commission

(Use reverse side if necessary)

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☐ No NA
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 Snow Man's Drilling (Type or Print) Water Well Driller's License No. 02623I

ADDRESS 17330 Heritage Bay Dr (Street or RFD) Webster (City) Tx (State) 77598 (Zip)

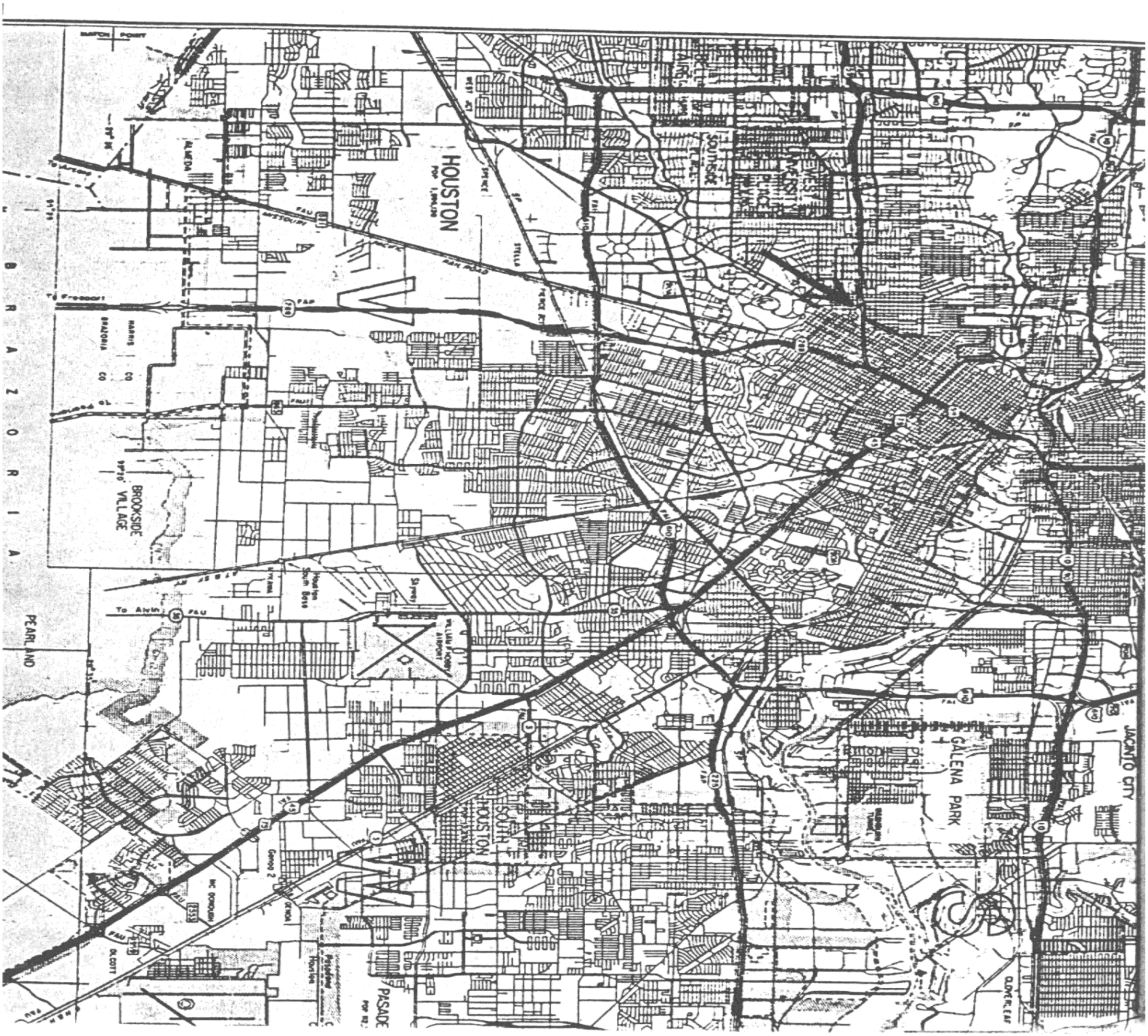
(Signed) Jacob Schaefer (Licensed Water Well Driller) (Signed) ___ (Registered Driller Trainee)

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

For TWC Use Only Well No. 65-21-3 Located on map ___

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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967


HOUSTON
BROOKSIDE VILLAGE
PEARLAND
GALENA PARK
JACINTO CITY
PASADE
BRAZORIA

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 368 **Distance from Property: 4.64 mi. W**

ID NUMBER:	**TX206017**
STATE ID :	**65-21-3K**
OWNER NAME:	**RIVER OAKS COUNTRY CLUB**
DATE DRILLED:	**04/15/1974**
DEPTH DRILLED:	**726'**
STATIC LEVEL:	**275'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.426574000**
LATITUDE:	**29.753007000**

2 PAGE(S) OF DRILLERS' LOGS

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

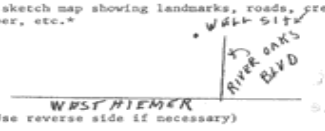
For TWDB use only
Well No. 65-21-3K
Located on map
Received 7-11-74

1) OWNER:
Person having well drilled River Oak Country Club (Name) Address 1600 River Oaks Blvd. (Street or RFD) Houston (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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 369 **Distance from Property: 4.65 mi. WSW**

ID NUMBER:	**TX205991**
STATE ID :	**65-21-2**
OWNER NAME:	**MCDUGAL-STEEL (MCNAIR)**
DATE DRILLED:	**02/05/1991**
DEPTH DRILLED:	**458'**
STATIC LEVEL:	**261'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.425707000**
LATITUDE:	**29.749399000**

3 PAGE(S) OF DRILLERS' LOGS

STATE OF TEXAS WATER WELL REPORT (PAGE 2)

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

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 7) BOREHOLE METHOD:

DIAMETER	FROM	TO
8.0	0	458
4.75	458	479

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

RECEIVED
MAY 21 1992
TEXAS WATER WELL DRILLERS BOARD

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.

WATER LEVEL:
STATIC LEVEL : 261 FT. DATE: 02/08/91
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
RUBBER	457
BURLAP	349

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

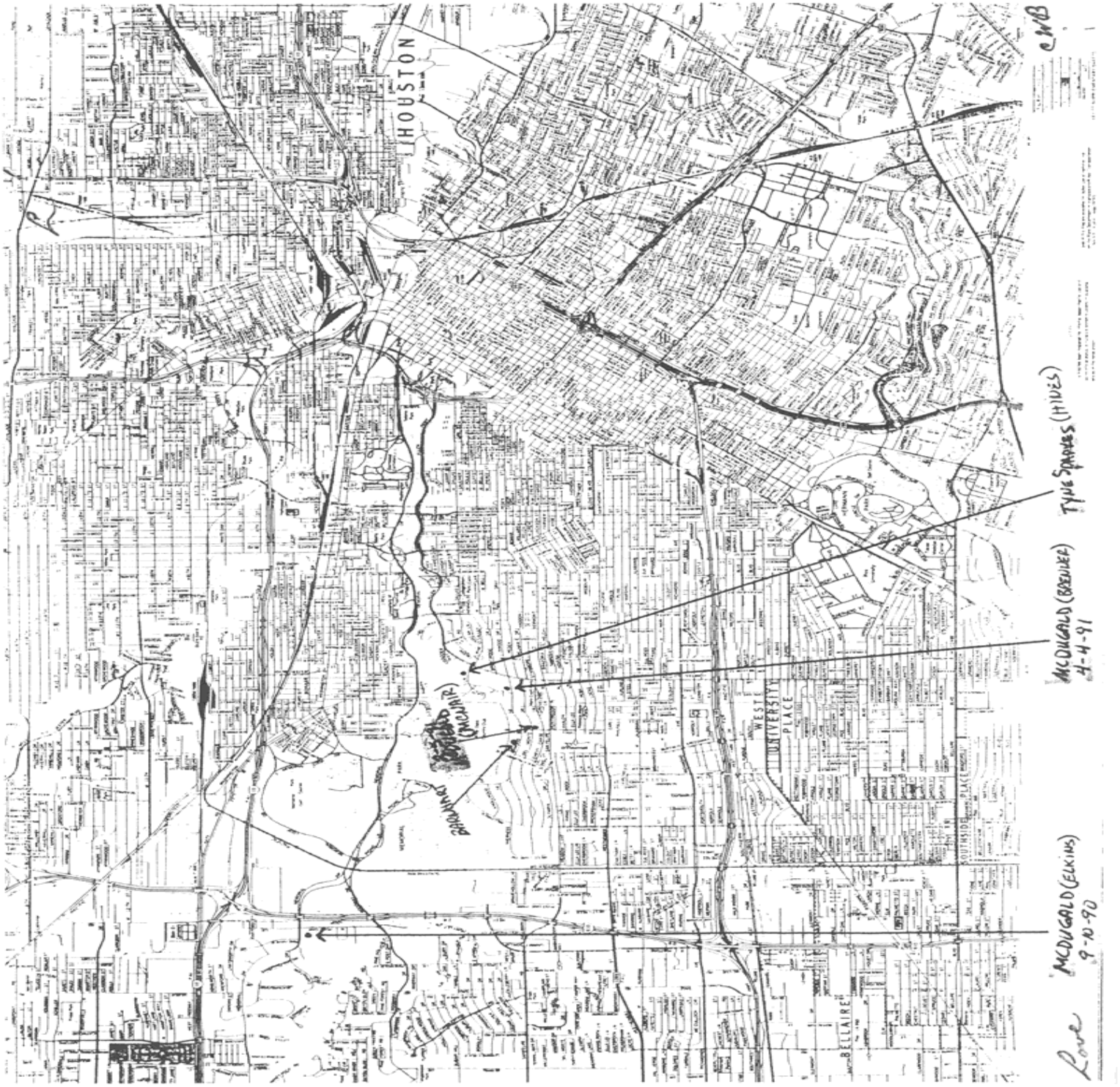
FOR TDWR USE ONLY
WELL NO.
LOCATED ON MAP 65-21-2

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.

C W B

(signed) _____ (LICENSED WATER WELL DRILLER)

(signed) _____ (REGISTERED DRILLER TRAINEE)


HOUSTON
WEST UNIVERSITY PLACE
BELLAIRE
SOUTHSIDE PLACE
BRAESWOOD (UNCORP.)
TYNE SPARKS (HIVES)
MCDUGALD (BREWER)
4-4-91
MCDUGALD (ELKINS)
9-11-90

MAP ID# 369 **Distance from Property: 4.65 mi. WSW**

TRACK #: **182613**
DATE ENTERED: **2009-06-15**
OWNER NAME: **MCNAIR, ROBERT**
OWNER ADDRESS: **1807 RIVER OAKS BLVD**
HOUSTON, TX 77019
COUNTY: **HARRIS**
LATITUDE: **29.749722000** LONGITUDE: **-95.425555000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=182613&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2009-05-26**
DRILLING DATE (COMPLETED): **2009-05-28**
DEPTH DRILLED: **412'**

WATER LEVEL:
STATIC LEVEL: **210'**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **O'DAY DRILLING COMPANY, INC**
COMPANY ADDRESS: **5923 CR 931**
ROSHARON, TX 77583

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 369 **Distance from Property: 4.65 mi. WSW**

ID NUMBER:	**TX205982**
STATE ID :	**65-21-2**
OWNER NAME:	**ROBERT MCNAIR**
DATE DRILLED:	**06/15/2000**
DEPTH DRILLED:	**407'**
STATIC LEVEL:	**206'**
WATER USAGE:	**SINGLE FAMILY RESID**
LONGITUDE:	**-95.425707000**
LATITUDE:	**29.749399000**

1 PAGE(S) OF DRILLERS' LOGS

TTENTION OWNER: Confidentiality — STATE OF TEXAS
rivilege Notice on Reverse Side — WATER WELL REPORT

) OWNER: MC NAIR, ROBERT — ADDRESS: 1807 RIVER OAKS BLVD. — CITY: HOUSTON — STATE: TX ZIP: -

) ADDRESS OF WELL: 65-21-2
County: HARRIS — GRID #~~65-13-8~~
Street or RFD: 1807 RIVER OAKS BLVD.
City, State, Zip code: HOUSTON , TX -

) TYPE OF WORK: NEW WELL — 4) PROPOSED USE: SINGLE FAMILY RESID
If Public Supply well, were plans submitted to the TNRCC?

WELL LOG: 01871

	DIAMETER	FROM	TO
ATE DRILLING:	8.5	0	382
STARTED: 06/07/00	4.875	382	407
COMPLETED: 06/15/00			

7) DRILLING METHOD: MUD ROTARY

8) BOREHOLE COMPLETION: TWO STRING/K-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

ASING, 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

OLOGICAL DESCRIPTION:

OM	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

) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 318

14) WELL TEST:
JETTED
YIELD: 60 GPM WITH FT DRAWDOWN AFTER HRS

) WATER QUALITY:
TYPE OF WATER: GOOD — DEPTH OF STRATA: 407 — NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

MPANY NAME: ALMEDA WATER WELL SERVICE — WATER WELL DRILLER'S LICENSE NO.: 843, 2350, 2843
DRESS: P.O. BOX 266 — CITY: MANVEL — STATE: TX ZIP CODE: 77578

FOR TWC USE ONLY
WELL NO.
LOCATED ON MAP

HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN
E TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE
G(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

signed) Carl Lofton (LICENSED WATER WELL DRILLER) (signed) (REGISTERED DRILLER/TRAINEE)

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 370 **Distance from Property: 4.65 mi. ESE**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294415095165301**
STATION NAME: **LJ-65-22-317**
SITE TYPE: **GW**
LATITUDE: **29.738108000** LONGITUDE: **-95.281106000**
DATE DRILLED: **1929**
WELL DEPTH: **900 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 370 **Distance from Property: 4.65 mi. ESE**

STATE ID:	**65-22-317**
OWNER'S NAME:	**GULF ATLANTIC WAREHOUSE**
DATE DRILLED:	**00/00/1929**
DEPTH DRILLED:	**900'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.281106000**
LATITUDE:	**29.738108000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522317/6522317.pdf**

WRD Exp. (GW)
April 1966

Well No. LJ-65-22-317

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by G.D. McAdoo / Livingston 1931 — Source of data E.L. — Date 1-22-68 — Map Park Place 1955 1:24000

State Texas (48) — County (or town) Harris (201)

Latitude: 29 deg 44 min 15 sec N — Longitude: 095 degrees 16 min 53 sec W — Sequential number: 1

Lat-long accuracy: 1 — T. ____ S, R ____ W, Sec ____, ¼, ¼, ¼

Local well number: LJ-65-22-317 — Other number: #878 — B & M well 1

Local use: ____ — Owner or name: Gulf Atlantic Warehouse

Owner or name: GULF ATLANTIC — Address: Houston Tex.

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) Irr, (I) Med, (M) 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 8 — Freq. W/L meas.: 1931 - Quarterly Q — Field aquifer char.

Hyd. lab. data: ____

Qual. water data; type: ____

Freq. sampling: 11-9-29 Ø — Pumpage inventory: yes / no, period: ____

Aperture cards: ____ yes

Log data: D-LOG D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 900 ft — 9 0 0 — Meas. code: ____ accuracy: ____ — 6

Depth cased; (first perf.): 713 ft — 7 1 3 — Casing type: S ; Diam. 16"-8" 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) shored, (T) 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: 1929 — 9 2 9 — 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 — N — Deep / Shallow

Power (type): diesel, elec, gas, gasoline, hand, nat gas, wind; LP H.P. N — Trans. or meter no. ____

Descrip. MP ____ ft above / below LSD, Alt. MP ____

Alt. LSD: 17 — 1 7 — Accuracy: (source) Topo 5' — 3

Water Level 42 ft above / below MP; Ft above / below LSD — 4 2 — Accuracy: Rept. — 2

Date meas: 8-3-29 — 8 2 9 — Yield: 365 gpm — Method determined ____

Drawdown: 48 ft — 4 8 — 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. ____

PL 90' 42/8

Well No. LJ-65-22-317

Well No. LJ-65-22-317

Latitude-longitude 29 d 44 m 15 s N 095 d 16 m 53.1 s W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1, 19) Physiographic Province: Coastal Plain 03 (20, 21) Section: West

G.C.P E (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: 80 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: @ 713-754, 796-817, 870-888

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)

162' of 16" C59.
743' of 8" +700

8/3/29
S/L - 42' P/L - 90' GPM - 365

Well No. LJ-65-22-317

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 371 **Distance from Property: 4.65 mi. WSW**

STATE ID:	**65-21-213**
OWNER'S NAME:	**CLAUDE B. HAMILL**
DATE DRILLED:	**00/00/1939**
DEPTH DRILLED:	**928'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.424330000**
LATITUDE:	**29.745390000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521213/6521213.pdf**

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
Completion
Casing Material
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

Thursday, September 14, 2006

Well Number - 6521213

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 372 **Distance from Property: 4.65 mi. NNW**

ID NUMBER:	**TX206823**
STATE ID :	**65-13-3W**
OWNER NAME:	**MR JESSIE SHARMAN**
DATE DRILLED:	**01/18/1983**
DEPTH DRILLED:	**365'**
STATIC LEVEL:	**255'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.383417000**
LATITUDE:	**29.829783000**

1 PAGE(S) OF DRILLERS' LOGS

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: E.F.S.

1) OWNER Mr. Jessie Sharman (Name) Address 4406 Airline Dr. (Street or RFD) Hou. (City) Tx. (State) 77022 (Zip)

2) LOCATION OF WELL: 4406 1/2 Airline (Name) 4 miles in NORTH (N.E., S.W., etc.) direction from HOUSTON (Town)
County Harris

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. wagon 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:

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	365

Date drilled 1-18-83

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	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

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)

RECEIVED
SEP 12 1983
DEPT. OF
WATER RESOURCES

9) WATER LEVEL:
Static level 255 ft. below land surface Date 1-19-83
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.

(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) 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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 373 **Distance from Property: 4.66 mi. SSW**

STATE ID:	**65-21-303**
OWNER'S NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**07/15/1954**
DEPTH DRILLED:	**1822'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.388810000**
LATITUDE:	**29.708700000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521303/6521303.pdf**

WRD Exp. (GW)
April 1966

Well No. LJ-65-21-303

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD T. Brown R.K.G. (7-22-65)

Record by W.L.N. (10-11-61) Source of data FILES Date 2-21-68 Map Bellaire 1955 1:24000

State Texas 48 County (or town) Harris LJT

Latitude: 29 42 30 N Longitude: 095 23 22 Sequential number: 1

Lat-long accuracy: 1 T. S, R W, Sec , , ,

Local well number: LJ-65-21-303 Other number: Southend B & M 2

Local use: Owner or name: City of Houston

Owner or name: CITY OF HOUSTON Address:

Ownership: (C) County, Fed Gov't, (M) City, Corp or Co, (P) Private, State Agency, (W) Water Dist M

Use of water: (A) Air cond, (B) Bottling, (C) Comm, Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) 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, (Z) Destroyed W

DATA AVAILABLE: Well data 1 Freq. W/L meas.: 1954 - - Annual S Field aquifer char.

Hyd. lab. data:

Qual. water data: type:

Freq. sampling: 10-8-54 A Pumpage inventory: yes / no, period:

Aperture cards: yes

Log data: Log To 2101 E-Log AA-26 E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1822 ft 1822 Meas. (est) Driller accuracy 3

Depth cased: (first perf.) 680 ft 6810 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., (S) shored, (T) open hole, (Z) other G

Method Drilled: (A) air rot, (B) bored, cable, (D) dug, (H) hyd rot, (J) jetted, air, (P) percussion, rotary, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other H

Date Drilled: 7-15-54 9 5 4 Pump intake setting: ft

Driller: EL PASO DRILLING CO. (name) EL PASO, TEXAS (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, submerg, (S) rot, 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 BREATHER HOLE +5.0 ft above / below LSD. Alt. MP

Alt. LSD: 44' 4 4 Accuracy: (source) 5' TOPO 3

Water Level 326.8 ft above / below MP; Ft above / below LSD 3 2 2 Accuracy: MEAS. A

Date meas: 9-12-68 9 6 8 Yield: 1257 gpm 1 2 5 7 Method determined 2

Drawdown: 31 ft 3 1 Accuracy: MEAS. 2 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-65-21-303

Well No. LJ-65-21-303

Latitude-longitude 29 d 42 m 30 s N 095 d 23 m 22 s W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD [1] [19] Physiographic Province: COASTAL PLAINS [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: 325 ft [325] [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: 680-700, 720-760, 770-800, 970-985, 995-1010, 1100-1120

Depth to consolidated rock: ____ ft [60 63] Source of data: ____ [64]

Depth to basement: ____ ft [65 68] Source of data: ____ [69]

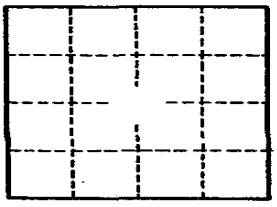
Surficial material: ____ [70 71] Infiltration characteristics: ____ [72]

Coefficient Trans: ✓ gpd/ft [73 75] Coefficient Storage: ____ [76 78]

Coefficient Perm: ✓ gpd/ft²; Spec cap: ✓ gpm/ft; Number of geologic cards: ____ [79]

SCREENS:
1180-1175
1220-1245
1335-1355
1400-1430
1440-1470
1575-1590
1600-1615
1640-1655
1670-1690

CSG
0-610 = 24"
570-1822 = 12 3/4



Well No. LJ-65-21-303

GPO 857-700

(11-74) UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

020990

Latitude ° ' " 29 42 30 | Longitude ° ' " 095 23 22 | Seq. No. 01

County code 201 County Harris

Well # LJ-65-21-303

Project number 7-4648-01000

Date 2-15-77 Time ____ Temp°C 27.5

Owner City of Houston

Address South End #9

Date drld 1954 WBF code 21 GVGL

Sample interval: (top) 680 (bottom) 1690

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 | Station identification number 29 42 30 095 23 22 01 (1 2 9 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	6800	03	
Sample interval BOTTOM	72016	1690	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		8.1
Specific conductance	00095	5650	03		565
HCO_3	00440	2720	03		272
CO_3	00445	0000	01		0
Chloride (Cl)	00940	4200	02		42
Sulfate (SO_4)	00945	1200	02		12
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31625				
Strep-tococci	31673				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

017571

Latitude ° ' " | Longitude ° ' " | Seq. No.

29 42 30 | 095 23 21 | 01

County code 201 County Harris

Well # LJ-65-21-303

Project number 4645-01000

Date 2-10-26 Time ____ Temp°C 27.5

Owner City of Houston

Address Southend #9

Date drld ____ WBF code 121 EVGL

Sample interval: (top) 650 (bottom) 1690

Water level ____ Appr Flow Use PS

Collector Watter Yield ____ GPM

Smpld aftr pmpg on original Depth ____

Pt of coll Tap on discharge

Field: Cond ____ pH ____ HCO_3 ____ DO ____

Indicate types of analyses

Coliform | Phenols | Minors

rients | MBAS | BOD | TOC | DOC

Std chem schedule I

Other ____

Herbicide ____ Insecticide ____

Remarks:

Type 2 (1) | Station identification number 29 42 30 095 23 21 01 (2–16)

Y M D: 76 02 10 (17–22) Begin

Time of measurement: ____ (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008			
Yield (GPM)	00059			
Sample terval TOP	72015	6800	03	
Sample interval BOTTOM	72016	1690	04	
Water level	72019			

	Parameter code	Value	Exp.	Rmk
Sampled after pumping	72004			
DO (mg/l)	00300			
DO % Sat.	00301			
Temp °C	00010	27.50	02	27.5
pH	00400	8.000	01	8.0
Specific conductance	00095	5690	03	569
HCO_3	00440	274	03	274
CO_3	00445	0000	01	0
Chloride (Cl)	00940	4200	02	42
Sulfate (SO_4)	00945	1300	02	13
Color	00080			
Coliform, membrane filter	31501			
Coliform, fecal	31616			
Strep-tococci	31679			
BOD	00310			

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Latitude ° ' " 29 42 30 | Longitude ° ' " 095 23 22 | Seq. No. 01

County code ~~48~~ 201 County Harris

Well # LJ-65-21-303

Project number 5-4648-01000

Date 2-6-75 Time ____ Temp°C 26.0

Owner City of Houston

Address Southend #9

Date drld 7-15-54 WBF code 121 EVCK

Sample interval: (top) ~~488~~ 680 (bottom) 1690

Water level ____ Appr ____ Use PS

Collector Naftel Yield ____ GPM

Smpld aftr pmp on arrival Depth 1822

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 42 30 095 23 22 01 (2–16)

Y M D: 75 02 06 (17–22) Begin

Time of measurement (29–32)

	Parameter code	Value	Exp.	Rmk
Depth	72008	1822	01	
Yield (GPM)	00059			
Sample interval TOP	72015	6800	03	
Sample interval BOTTOM	72016	1690	01	
Water level	72019			

	Parameter code	Value	Exp.	Rmk	
Sampled after pumping	72004				
DO (mg/l)	00300				
DO % Sat.	00301				
Temp °C	00010	2600	02		
pH	00400	7600	01		7.6
Specific conductance	00095	5260	03		526
HCO_3	00440	2500	03		25
CO_3	00445	0000	01		0
Chloride (Cl)	00940	3500	02		35
Sulfate (SO_4)	00945	1600	02		16
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

Austin, Texas

019984

Latitude ° ' " 29 42 30 | Longitude ° ' " 095 23 22 | Seq. No. 01

nty code 101 County HARRIS

Well # LJ 65-21-303

Project number T4648-01000

Date 9-23-76 Time 1145 Temp°C 27.0

Owner CITY OF HOUSTON -

Address SOUTHEND #9

Date drld 7-15-54 WBF code EVGL

Sample interval: (top) 680 (bottom) 1690

Water level 33 Appr CLEAR Use PS

Collector BEZANT Yield 1224 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

Other I

Herbicide Insecticide

Remarks:

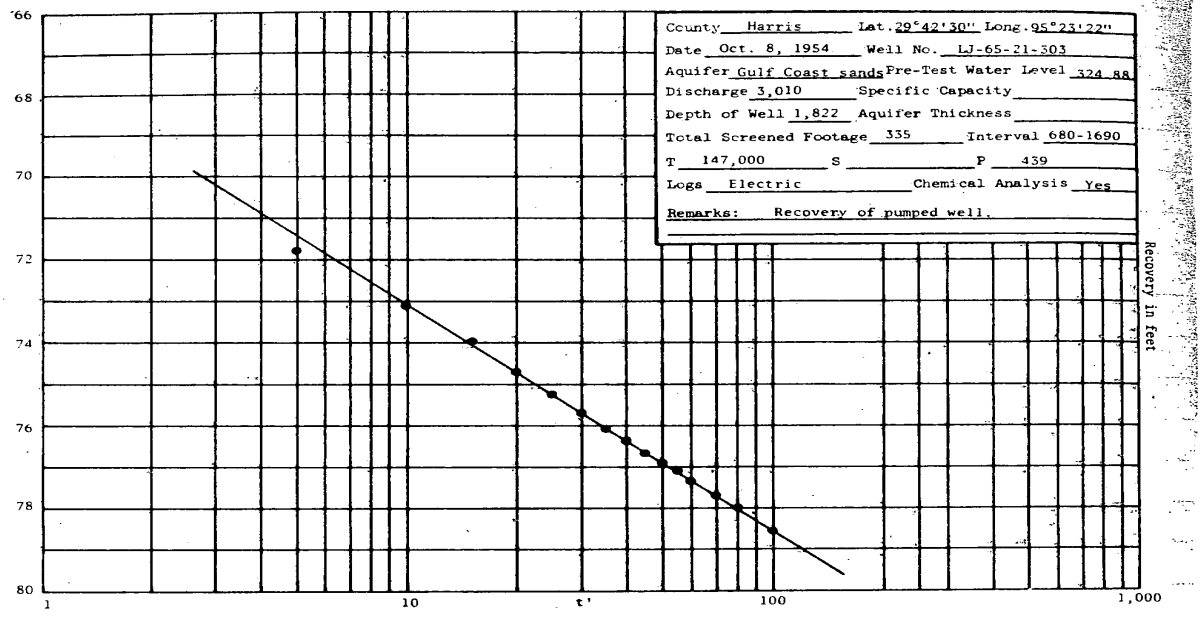
Type 2 (1) Station identification number 29423009523220 1 (2–16)

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	6800	03	
Sample interval BOTTOM	72016	1690	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	5010	03		501
HCO_3	00440	2460	03		246
CO_3	00445	0000	01		0
Chloride (Cl)	00940	3200	02		32
Sulfate (SO_4)	00945	1600	02		16
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				


County Harris Lat. 29°42'30" Long. 95°23'22"
Date Oct. 8, 1954 Well No. LJ-65-21-303
Aquifer Gulf Coast sands Pre-Test Water Level 324 88
Discharge 3,010 Specific Capacity
Depth of Well 1,822 Aquifer Thickness
Total Screened Footage 335 Interval 680-1690
T 147,000 S P 439
Logs Electric Chemical Analysis Yes
Remarks: Recovery of pumped well.
66
68
70
72
74
76
78
80
1
10
t'
100
1,000
Recovery in feet

WATER UTILITY DATABASE (WUD)

MAP ID# 373 **Distance from Property: 4.66 mi. SSW**

PWSID:	**1010013**
SOURCE ID:	**G1010013AZ**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**01/25/1958**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.389297490**
LATITUDE:	**29.708490370**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 373 **Distance from Property: 4.66 mi. SSW**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294230095232201**
STATION NAME: **LJ-65-21-303**
SITE TYPE: **GW**
LATITUDE: **29.708700000** LONGITUDE: **-95.388810000**
DATE DRILLED: **07/15/1954**
WELL DEPTH: **1822 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 373 **Distance from Property: 4.66 mi. SSW**

WELL ID:	**1109**
OWNERS NAME:	**HOUSTON, CITY OF**
YEAR DRILLED:	**1954**
DEPTH DRILLED:	**1822'**
STATIC LEVEL:	**680'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.388811000**
LATITUDE:	**29.708703000**
SOURCE:	**HGSD**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 374 **Distance from Property: 4.66 mi. ENE**

WELL ID:	**2996**
OWNERS NAME:	**EXXON COMPANY U.S.A.**
YEAR DRILLED:	**1983**
DEPTH DRILLED:	**NOT REPORTED**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.285189000**
LATITUDE:	**29.804997000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 375 **Distance from Property: 4.68 mi. WSW**

ID NUMBER:	**TX205993**
STATE ID :	**65-21-2**
OWNER NAME:	**DR MIKE MANN**
DATE DRILLED:	**06/20/1994**
DEPTH DRILLED:	**412'**
STATIC LEVEL:	**220'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.425941000**
LATITUDE:	**29.748188000**

2 PAGE(S) OF DRILLERS' LOGS

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 7) BOREHOLE METHOD:

DIAMETER	FROM	TO
8.0	0	380
4.875	380	412

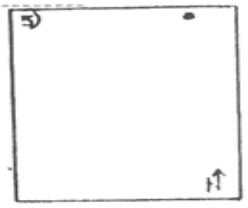
TWO STRING/K-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

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. Sykora (LICENSED WATER WELL DRILLER)

(signed) (REGISTERED DRILLER TRAINEE)

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

S OF TEXAS WATER WELL REPORT (PAGE 2)

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

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 376 **Distance from Property: 4.69 mi. SSE**

WELL ID:	**7508**
OWNERS NAME:	**PAN AFRICAN ORTHODOX**
YEAR DRILLED:	**1999**
DEPTH DRILLED:	**400'**
STATIC LEVEL:	**300'**
WATER USAGE:	**AGRICULTURAL IRRIGATION**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.336204000**
LATITUDE:	**29.701036000**
SOURCE:	**HGSD**

MAP ID# 377 **Distance from Property: 4.70 mi. NW**

TRACK #: **199244**
DATE ENTERED: **2009-11-16**
OWNER NAME: **SCOTT HENDRICKSON**
OWNER ADDRESS: **5335 WEST 32ND**
HOUSTON, TX 77018
COUNTY: **HARRIS**
LATITUDE: **29.815278000** LONGITUDE: **-95.408334000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=199244&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2009-09-15**
DRILLING DATE (COMPLETED): **2009-09-15**
DEPTH DRILLED: **180'**

WATER LEVEL:
STATIC LEVEL: **17'**
WATER LEVEL DATE: **2009-09-15**
TYPE OF WATER: **GROUND**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **R&D WATER WELLS**
COMPANY ADDRESS: **PO BOX 230**
HUFFMAN, TX 77336

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 378 **Distance from Property: 4.70 mi. WSW**

ID NUMBER:	**TX196149**
STATE ID :	**65-21-2**
OWNER NAME:	**DANNY CLAES**
DATE DRILLED:	**08/22/2001**
DEPTH DRILLED:	**70'**
STATIC LEVEL:	**18'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.423283000**
LATITUDE:	**29.740919000**

1 PAGE(S) OF DRILLERS' LOGS

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
Danny Claes	2815 Bammel	Houston	TX	77027

2) WELL LOCATION

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	Gage 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

RECEIVED CB DLR MAIL ROOM NOV 21 2001 RECEIPT

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 Licensed Driller/Pump Installer	Date / /	Signature Apprentice	Date 8/22/01

TDLR FORM 001WWD White - TDLR Yellow - Owner Pink - Driller/Pump Installer

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 378 **Distance from Property: 4.71 mi. WSW**

WELL ID:	**8831**
OWNERS NAME:	**GBL DEVELOPERS LLC**
YEAR DRILLED:	**2001**
DEPTH DRILLED:	**50'**
STATIC LEVEL:	**40'**
WATER USAGE:	**LAKE/POND/POOL**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.423296000**
LATITUDE:	**29.740909000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 379 **Distance from Property: 4.70 mi. WSW**

ID NUMBER:	**TX206120**
STATE ID :	**65-13-8**
OWNER NAME:	**DR. BOYCE**
DATE DRILLED:	**01/20/1995**
DEPTH DRILLED:	**408'**
STATIC LEVEL:	**230'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.427041000**
LATITUDE:	**29.750422000**

2 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified mail to: TNRCC, P.O. Box * *, 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 # 65-13-8

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)

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 _____

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 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 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 _____ (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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

: 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

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)

RECEIVED SEP 06 1995 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 380 **Distance from Property: 4.71 mi. N**

ID NUMBER:	**TX205871**
STATE ID :	**65-14-1**
OWNER NAME:	**GULFSTREAM PETROLEUM WELL 1**
DATE DRILLED:	**12/24/1985**
DEPTH DRILLED:	**450'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**OILFIELD SUPPLY**
LONGITUDE:	**-95.363082000**
LATITUDE:	**29.835842000**

2 PAGE(S) OF DRILLERS' LOGS

Water Well ID: 205871

15mi N/SL
1.ni E/WL

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 Gulfstream Petroleum (Name) Address 350 N. Belt (Street or RFD) Houston, (City) Tx. (State) 77060 (Zip)

2) LOCATION OF WELL: County Harris 4 miles in N direction from Houston (N.E., S.W., etc.) (Town)
Scheffler #1 Well #1 Pozos 80

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 Oil Field Supply

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

6) WELL LOG:
Date Drilling: Started 12/24/85 19__ Completed ____ 19__

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6.5	Surface 0	450

From (ft.)	To (ft.)	Description and color of formation material
0	3	Surface
3	5	Black Clay
5	15	Sand
15	30	Yellow Clay
30	120	Red Clay
120	160	Sand
160	230	Blue Clay
230	260	Sand
260	370	Shale & Rock
370	435	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
P4	N	Casing		0-340	
		PVC-Slotted Supply		340-440	

9) CEMENTING DATA 0 [Rule 319.44(b)] 10
Cemented from ____ ft. to ____ ft. No. of Sacks Used ____
____ ft. to Surface No. of Sacks Used ____
Method used J & S Well Service
Cemented by

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:
270 Static level ____ ft. below land surface Date 12/24/85
Artesian flow ____ gpm. Date ____

12) PACKERS: Type Depth

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

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
35 N/M 3
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
MAY 15 1986
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. Submitted data here to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME J & S WELL SERVICE (Type or Print) Water Well Driller's License No. 1974

ADDRESS 1056 E. 1ST STREET (Street or RFD) BELLVILLE (City) TEXAS (State) 77418 (Zip)

(Signed) John E. Richardson (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. 65-14-1
Located on map

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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 380 **Distance from Property: 4.71 mi. N**

ID NUMBER:	**TX205870**
STATE ID :	**65-14-1**
OWNER NAME:	**GULFSTREAM PETROLEUM WELL 2**
DATE DRILLED:	**12/29/1985**
DEPTH DRILLED:	**450'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**OILFIELD SUPPLY**
LONGITUDE:	**-95.363082000**
LATITUDE:	**29.835842000**

2 PAGE(S) OF DRILLERS' LOGS

14mi N/SL
, mi E/WL

Please use black ink.
Send original copy by certified mail to:
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 Gulfstream Petroleum (Name) Address 350 N Belt (Street or RFD) Houston, (City) Tx. (State) 77060 (Zip)

2) LOCATION OF WELL: County Harris 4 miles in N direction from Houston (N.E., S.W., etc.) (Town)
Scheffler #1 Well #2 Pelz 80

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 Diffid/Supply

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

6) WELL LOG:
Date Drilling: Started 12/29/85 Completed 19__

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6.5	Surface 0	450

From (ft.)	To (ft.)	Description and color of formation material
0	3	Surface
3	10	Black Clay
10	20	Sand
20	100	Red Clay
100	150	Sand
150	170	Blue Clay
170	205	Brown Clay
205	240	Sand
240	360	Shale & Rock
360	440	Sand & Rocks
440	450	Blue 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
P4	N	Casing		0-360	
		PVC-Slotted Supply		360-440	

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 10 ft. No. of Sacks Used _____
_____ ft. to Slurry ft. No. of Sacks Used _____
Method used J & S Well Service
Cemented by _____

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:
270 Static level _____ ft. below land surface Date 12/29/85
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth

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

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
25 N/M X 3
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

RECEIVED
MAY 15 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 _____
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 J & S WELL SERVICE (Type or Print) Water Well Driller's License No. 1994
ADDRESS 1056 E. 1ST. STREET (Street or RFD) BELLVILLE (City) TEXAS (State) 77418 (Zip)
(Signed) John E. Richardson (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. 65-14-1
Located on map _____

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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

GULF STREAM
POLO RD
HOUSTON
HARRIS COUNTY
TEXAS
1979

MAP ID# 381 **Distance from Property: 4.71 mi. WSW**

TRACK #: **278221**
DATE ENTERED: **2012-02-03**
OWNER NAME: **ROD CUTSINGER**
OWNER ADDRESS: **2109 RIVER OAKS BLVD.**
HOUSTON, TX
COUNTY: **HARRIS**
LATITUDE: **29.746945000** LONGITUDE: **-95.427222000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=278221&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2006-09-12**
DRILLING DATE (COMPLETED): **2006-10-06**
DEPTH DRILLED: **380'**

WATER LEVEL:
STATIC LEVEL: **199'**
WATER LEVEL DATE: **2006-09-14**
TYPE OF WATER: **NOT TESTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **ALMEDA WATER WELL SERVICE**
COMPANY ADDRESS: **PO BOX 266**
MANVEL, TX 77578

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 382 **Distance from Property: 4.71 mi. SSW**

STATE ID:	**65-22-412**
OWNER'S NAME:	**ZERO FOOD CO.**
DATE DRILLED:	**00/00/1963**
DEPTH DRILLED:	**89'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.373077000**
LATITUDE:	**29.702161000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522412/6522412.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6522412 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294206 **Longitude** 952222 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Zero Food Co.

Driller
Bigham & Dodson

Address _____ **Tenant/Oper.** _____

Date Drilled / /1963 **Depth** 89 **Source of Depth** **Altitude** 47 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION

Const-Method

Completion

Casing Material

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 -** INDUSTRIAL **Secondary -** **Tertiary -**

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

WATER LEVELS 1 measurement
1963
-24

Recorded By _____ **Date Record Collected or Updated -** 02/20/2003

Reporting Agency 01

REMARKS -
TWDB Report 178: Screen from 79 to 89 ft.
Yield: 10 gpm with 6 ft. drawdown when drilled.

Aquifer - 112CHCTU **ID -** 15
CHICOT AQUIFER,UPPER

Wednesday, March 29, 2006

Well Number - 6522412

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 383 **Distance from Property: 4.72 mi. N**

STATE ID:	**65-14-105**
OWNER'S NAME:	**CITY OF HOUSTON IRVINGTON**
DATE DRILLED:	**05/00/1947**
DEPTH DRILLED:	**1066'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.349460000**
LATITUDE:	**29.836880000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514105/6514105.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 105 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 50 18 Longitude - 95 20 59 Source of Coords - 3

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

Owner - City of Houston
Irvington

Driller - Texas Water Wells

Address _____ Tenant/Oper. _____
Date Drilled - 05/ /1947 Depth - 1,066 ft. Source of Depth - D Altitude - 72 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- M Quality- Y Logs- Other Data-

WATER LEVELS Date- 05/31/1947 Measurement- -125.00
Date- / / Measurement-

Recorded By _____ Date Record Collected or Updated- / /

| 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		

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -
152 ft of screen between 770 and
1066 ft. Formerly Texas Water Co.
well. Well destroyed.

Aquifer - 121EVGL
Well No. - 65 14 105

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 384 **Distance from Property: 4.74 mi. WSW**

ID NUMBER:	**TX199543**
STATE ID :	**65-22-1**
OWNER NAME:	**JMG BUILDERS LTD BLVD**
DATE DRILLED:	**04/08/1997**
DEPTH DRILLED:	**388'**
STATIC LEVEL:	**194'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.416091000**
LATITUDE:	**29.728671000**

1 PAGE(S) OF DRILLERS' LOGS

(ENTION OWNER: Confidentiality
rivilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

) OWNER: JMG BUILDERS, LTD. -BLVD. ADDRESS: 2700 POST OAK BLVD. #1666 CITY: HOUSTON STATE: TX ZIP: 77056-

) 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)

) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION
If Public Supply well, were plans submitted to the TNRCC?

) WELL LOG: 00114

ATE 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

EOLOGICAL DESCRIPTION:

ROM	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
GROUNDWATER CONSERVATION DISTRICT

3) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 300

14) WELL TEST:
JETTED
YIELD: 90 GPM WITH FT DRAWDOWN AFTER HRS

5) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 28 NO CHEMICAL ANALYSIS MADE
NO STRATA OF UNDESIRABLE WATER PENETRATED

OMPANY NAME: GEOPHYSICAL DRILLING,INC. WATER WELL DRILLER'S LICENSE NO.: 4898WPK
ODRESS: P.O. BOX 664 CITY: FULSHEAR STATE: TX ZIP CODE: 77441

FOR TWC USE ONLY
WELL NO. _____
LOCATED ON MAP _____

HEREBY CERTIFY THAT THIS WELL WAS DRILLED BY ME (OR UNDER MY SUPERVISION) AND THAT EACH AND ALL OF THE STATEMENTS HEREIN RE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I UNDERSTAND THAT FAILURE TO COMPLETE ITEMS 1 THRU 15 WILL RESULT IN THE OG(S) BEING RETURNED FOR COMPLETION AND RESUBMITTAL.

(signed) Jimmy D. Brim (LICENSED WATER WELL DRILLER)

(signed) _____ (REGISTERED DRILLER TRAINEE)

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 384 **Distance from Property: 4.74 mi. WSW**

WELL ID:	**5893**
OWNERS NAME:	**BOULEVARD APARTMENTS, THE**
YEAR DRILLED:	**1997**
DEPTH DRILLED:	**350'**
STATIC LEVEL:	**340'**
WATER USAGE:	**DOMESTIC/COMMERCIAL**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.416091000**
LATITUDE:	**29.728671000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 385 **Distance from Property: 4.77 mi. SE**

ID NUMBER:	**TX207537**
STATE ID :	**60-23-8**
OWNER NAME:	**FORCE, INC.**
DATE DRILLED:	**04/30/1990**
DEPTH DRILLED:	**23.5'**
STATIC LEVEL:	**20.5'**
WATER USAGE:	**TEST WELL**
LONGITUDE:	**-95.297588000**
LATITUDE:	**29.716412000**

2 PAGE(S) OF DRILLERS' LOGS

LEGAL DESCRIPTION

ALL THAT CERTAIN TRACT OR PARCEL OF LAND OUT OF THE JACOB THOMAS 1/4 LEAGUE PATENTED BY THE MEXICAN GOVERNMENT TO JACOB THOMAS ON MAY 19, 1831, BY PATENT #1490, VOLUME 5, IN HARRIS COUNTY, TEXAS, AND BEING THE EAST 95.4 FEET OF THAT CERTAIN LAND CONVEYED BY ALICE MARY HEISER, KATHERIN M. HEISER, RICHARD A. HEISER AND JOSEPH M. HEISER, JR., TO L.C. BAXLEY BY DEED MAY 5, 1944, SAID DEED BEING RECORDED IN THE OFFICE OF THE COUNTY CLERK OF HARRIS COUNTY, TEXAS, IN VOLUME 1320, PAGE 310 OF THE DEED RECORDS OF HARRIS COUNTY, TEXAS, AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING AT A POINT IN THE INTERSECTION OF THE SOUTHERLY LINE OF LAWNDALE AVENUE, BASED ON 80.0 FEET IN WIDTH, WITH THE WESTERLY LINE OF REDWOOD AVENUE, BASED ON 60.0 FEET IN WIDTH;

THENCE ALONG THE SOUTHERLY LINE OF SAID LAWNDALE AVENUE AND RUNNING PARALLEL TO AND 40.0 FEET SOUTHERLY OF AND AT RIGHT ANGLES TO THE CENTER LINE THEREOF AND RUNNING IN A WESTERLY DIRECTION ALONG A CURVE; SAID CURVE BEING TANGENT TO THE COURSE OF WEST 89 DEG. 23 MIN. WEST ITS CENTRAL ANGLE 43 DEG. 42 MIN. AND ITS RADIUS OF 995.0 FEET, A DISTANCE OF 109.85 FEET TO A 3/4" IRON ROD FOUND AND THE POINT OR PLACE OF BEGINNING OF THIS DESCRIPTION;

THENCE SOUTH 00 DEG. 37 MIN. EAST ALONG THE WESTERLY LINE OF THE SAID MRS. AGNES HEISER TRACT AS FENCED AND OCCUPIED, 596.6 FEET TO A 3/4" IRON PIPE FOUND IN THE SOUTHEASTERLY CORNER OF AN OLD FENCE ENCLOSURE;

THENCE SOUTH 89 DEG. 23 MIN. WEST AT 94.4 FEET PAST AN OLD SOUTHWESTERLY FENCE CORNER, IN ALL 95.4 FEET TO A POINT MARKING THE SOUTHWESTERLY CORNER OF THIS DESCRIPTION;

THENCE NORTH 00 DEG. 37 MIN. WEST AT 590.0 FEET CROSS THE ORIGINAL SOUTHERLY LINE OF LANDS NOW OR FORMERLY OF L.C. BAXLEY, IN ALL 611.0 FEET TO A 3/4" IRON ROD FOUND IN THE SOUTHERLY LINE OF SAID LAWNDALE AVENUE;

THENCE ALONG THE SOUTHERLY LINE OF THE SAID LAWNDALE AVENUE AND RUNNING PARALLEL TO AND 40.0 FEET SOUTHERLY OF AND AT RIGHT ANGLES TO THE CENTER LINE THEREOF AND RUNNING IN A SOUTHEASTERLY DIRECTION ALONG A CURVE TO THE RIGHT, THE RADIUS OF WHICH 995.0 AND ITS CENTRAL ANGLE 42 DEG. 43 MIN. A DISTANCE OF 94.2 FEET (DEED CALL 96.5 FEET) TO THE POINT OR PLACE OF BEGINNING, CONTAINING AS AFORESAID 1.322 ACRES OF LAND, MORE OR LESS.

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 Force, Inc. (Name) Address 7026 Lawndale (Street or RFD) Houston (City) Texas (State) 77261 (Zip)

2) LOCATION OF WELL: County Harris 3 miles in Westerly (N.E., S.W., etc.) direction from Pasadena (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 ____
Tract 3 Abstract No. 74 Survey Name Jacob Thomas ½ League
Distance and direction from two intersecting section or survey lines See attached legal description
☐ 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 Hand ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☒ Other Auger

6) WELL LOG:
Date drilled 4/30/90

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
4	Surface	23.5

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☒ Gravel Packed ☐ Other ____
If Gravel Packed give interval . . . from 23.5 ft. to 16 ft.

From (ft.)	To (ft.)	Description and color of formation material
0	2	Brown sandy fill material
2	8	Stiff dark gray clay
8	12	Stiff medium brown clay
12	18	Red brown clay, ferrous nodules
18	20	Fine grain silty red clay
20	23.5	Very fine grain silty 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
2	New	PVC Sch.40	TOC	18	
2	New	PVC 0.010 slotted	18	23	

CEMENTING DATA
Cemented from 14 ft. to 0 ft.
Method used Tremie
Cemented by Reed & Morris (Ray Reed) (Company or Individual)

RECEIVED
JUL 26 1990
TEXAS WATER COMMISSION

9) WATER LEVEL:
Static level 20.5 ft. below land surface Date 5/01/90
Artesian flow ____ gpm. Date ____

10) PACKERS: Type Depth
None

11) TYPE PUMP: ☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other None
Depth to pump bowls, cylinder, jet, etc., ____ ft.

12) WELL TESTS: N/A
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: ____ gpm with ____ ft. drawdown after ____ hrs.

(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 Reed & Morris Drilling, Inc. (Type or Print) Water Well Driller's License No. 2255

ADDRESS P.O. Box 282 (Street or RFD) Diboll (City) Texas (State) 75941 (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. 62-53-8
Located on map ____

TDWR-0392 (Rev. 5-27-82)

DEPARTMENT OF WATER RESOURCES COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

MAP ID# 386 **Distance from Property: 4.78 mi. WSW**

TRACK #: **373614**
DATE ENTERED: **2014-09-04**
OWNER NAME: **RB RATCLIFF - BARNHART**
OWNER ADDRESS: **3335 INWOOD**
HOUSTON, TX 77019
COUNTY: **HARRIS**
LATITUDE: **29.753334000** LONGITUDE: **-95.428889000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=373614&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2014-05-28**
DRILLING DATE (COMPLETED): **2014-06-13**
DEPTH DRILLED: **431'**

WATER LEVEL:
STATIC LEVEL: **191'**
WATER LEVEL DATE: **2014-06-13**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
IRRIGATION

COMPANY INFORMATION:
COMPANY NAME: **ALMEDA WATER WELL SERVICE**
COMPANY ADDRESS: **PO BOX 266**
MANVEL, TX 77578

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 387 **Distance from Property: 4.78 mi. WSW**

ID NUMBER:	**TX199586**
STATE ID :	**N/A**
OWNER NAME:	**BILL BAKER CONSTRUCTION**
DATE DRILLED:	**08/24/1992**
DEPTH DRILLED:	**405'**
STATIC LEVEL:	**238'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.427224000**
LATITUDE:	**29.746908000**

1 PAGE(S) OF DRILLERS' LOGS

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 7) BOREHOLE METHOD:

DIAMETER	FROM	TO
9.0	0	380
4.875	380	405

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. Sylvan (LICENSED WATER WELL DRILLER)

(signed) (REGISTERED DRILLER TRAINEE)

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 388 **Distance from Property: 4.78 mi. WNW**

ID NUMBER:	**TX205348**
STATE ID :	**65-13-6G**
OWNER NAME:	**DAVE NEWTON**
DATE DRILLED:	**06/29/1978**
DEPTH DRILLED:	**460'**
STATIC LEVEL:	**260'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.414737000**
LATITUDE:	**29.810375000**

2 PAGE(S) OF DRILLERS' LOGS

LOG (Map)

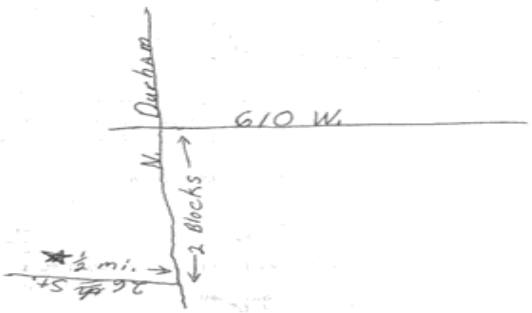
2) LOCATION OF WELL:

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

(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 yes
Received: 28

1) OWNER Dave Newton (Name) Address 849 W 26th (Street or RFD) Hou. (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 Durham Dr. 26 S. 5W. of N.
☐ See attached map. 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 6-6-78

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 1/2	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

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	16
4 1/2	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 2 1/2 x 4 RL Depth 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.

(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? SULFUR Depth of strata 21 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.

NAME Bobby Potter (Type or Print) Water Well Drillers Registration No. 884

ADDRESS 5719 Chippewa (Street or RFD) Hou. (City) Tx. (State) 77086 (Zip)

(Signed) Loyd D. Howell (Water Well Driller) Dowell & Potter Drilling Co. (Company Name)

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

*Additional instructions on reverse side.

TDWR-0392

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 388 **Distance from Property: 4.78 mi. WNW**

WELL ID:	**7439**
OWNERS NAME:	**MSN PROPERTIES 1, LP**
YEAR DRILLED:	**1978**
DEPTH DRILLED:	**NOT REPORTED**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**OTHER**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.414737000**
LATITUDE:	**29.810375000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 389 **Distance from Property: 4.79 mi. WSW**

ID NUMBER:	**TX205990**
STATE ID :	**65-21-2**
OWNER NAME:	**PAUL F BARNHART SR**
DATE DRILLED:	**10/23/1990**
DEPTH DRILLED:	**455'**
STATIC LEVEL:	**252'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.428797000**
LATITUDE:	**29.751545000**

3 PAGE(S) OF DRILLERS' LOGS

STATE OF TEXAS WATER WELL REPORT (PAGE 2)

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

Love

C W B

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 7) BOREHOLE METHOD:

DIAMETER	FROM	TO
8.00	0	435
5.0	435	455

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

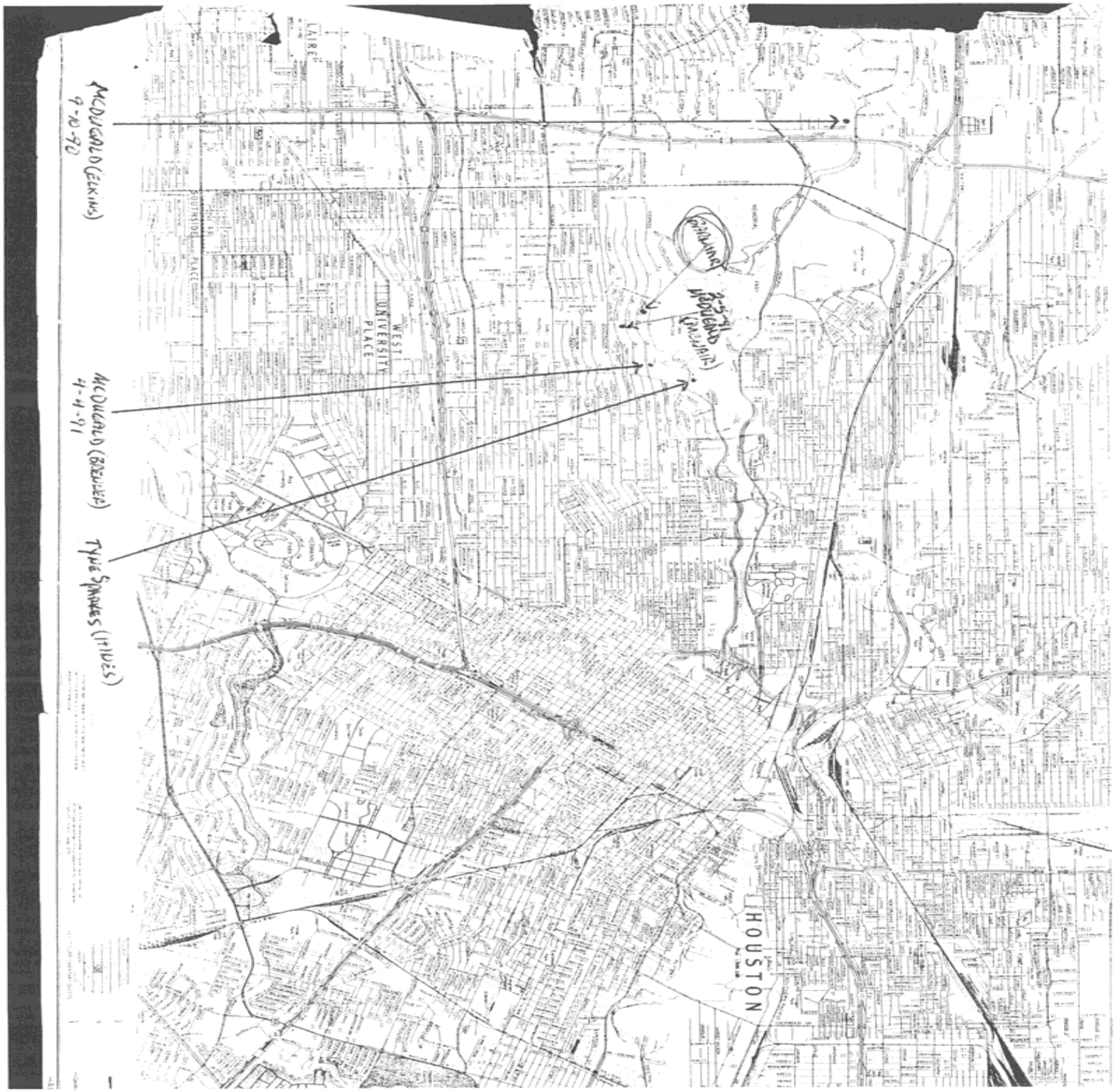
FOR TDWR USE ONLY
WELL NO.
LOCATED ON MAP 65-21-2

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) _____ (LICENSED WATER WELL DRILLER)

(signed) _____ (REGISTERED DRILLER TRAINEE)

Lone CW3


LAIRE
OUTSIDE PLACE
WEST UNIVERSITY PLACE
HOUSTON

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 389 **Distance from Property: 4.79 mi. WSW**

WELL ID:	**12943**
OWNERS NAME:	**BARNHART, PAUL JR.**
YEAR DRILLED:	**Not Reported**
DEPTH DRILLED:	**400'**
STATIC LEVEL:	**380'**
WATER USAGE:	
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.428797000**
LATITUDE:	**29.751545000**
SOURCE:	**HGSD**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 390 **Distance from Property: 4.80 mi. WSW**

WELL ID:	**3239**
OWNERS NAME:	**SAROFIM, FAYEZ**
YEAR DRILLED:	**1953**
DEPTH DRILLED:	**644'**
STATIC LEVEL:	**1'**
WATER USAGE:	**OTHER**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.427187000**
LATITUDE:	**29.746097000**
SOURCE:	**HGSD**

MAP ID# 391 **Distance from Property: 4.80 mi. SSW**

TRACK #: **197981**
DATE ENTERED: **2009-11-03**
OWNER NAME: **GROCERS SUPPLY**
OWNER ADDRESS: **3131 E HOLCOMBE**
HOUSTON, TX 77021
COUNTY: **HARRIS**
LATITUDE: **29.706112000** LONGITUDE: **-95.376944000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=197981&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2009-10-27**
DRILLING DATE (COMPLETED): **2009-10-29**
DEPTH DRILLED: **400'**

WATER LEVEL:
STATIC LEVEL: **190'**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
INDUSTRIAL
COMPANY INFORMATION:
COMPANY NAME: **O'DAY DRILLING COMPANY, INC**
COMPANY ADDRESS: **5923 CR 931**
ROSHARON, TX 77583

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 392 **Distance from Property: 4.80 mi. ENE**

ID NUMBER:	**TX205337**
STATE ID :	**65-14-6G**
OWNER NAME:	**CLAUDE B. WILLIAMS**
DATE DRILLED:	**06/05/1962**
DEPTH DRILLED:	**180'**
STATIC LEVEL:	**112'**
WATER USAGE:	**HOME**
LONGITUDE:	**-95.285653000**
LATITUDE:	**29.809195000**

1 PAGE(S) OF DRILLERS' LOGS

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: CLAUDE B. WILLIAMS 5411 FAIRCHILD, 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 HOME

4) Location of well: County HARRIS Labor League Abstract No.

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

miles in direction
(NE, SW, etc)
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: Diameter of hole in. Date drilled JUNE 5, 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
55	57	FINE RED SAND			
120	140	SHALE & FINE SAND			
150	180	COURSE 12GA SAND			

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION
Straight wall ☐
Under reamed ☐
Gravel packed ☐
Open hole ☐
Other

CASING
Type: Old ☐ New ☐
Cemented from ft.
to ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)

SCREEN
Type 10 ft. 2" - 10GA
Perforated ☐ Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (ft)
2"	170	180

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

V.C. Lusco (Signed) (Company Name) Reg. No. 117

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 112 ft.
ft. below 126 ft. Suction

Pumping level

feet	hours	gpm
	300 GAL.	

Pump type HOMARTT
Designed pumping rate 300 GAL. PER HR. gpm ☐ gph ☐
Type power unit
Horsepower 1 H.P.
Depth to bowls, cylinder, jet, etc., 126 ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company:

C-34 (62-4)

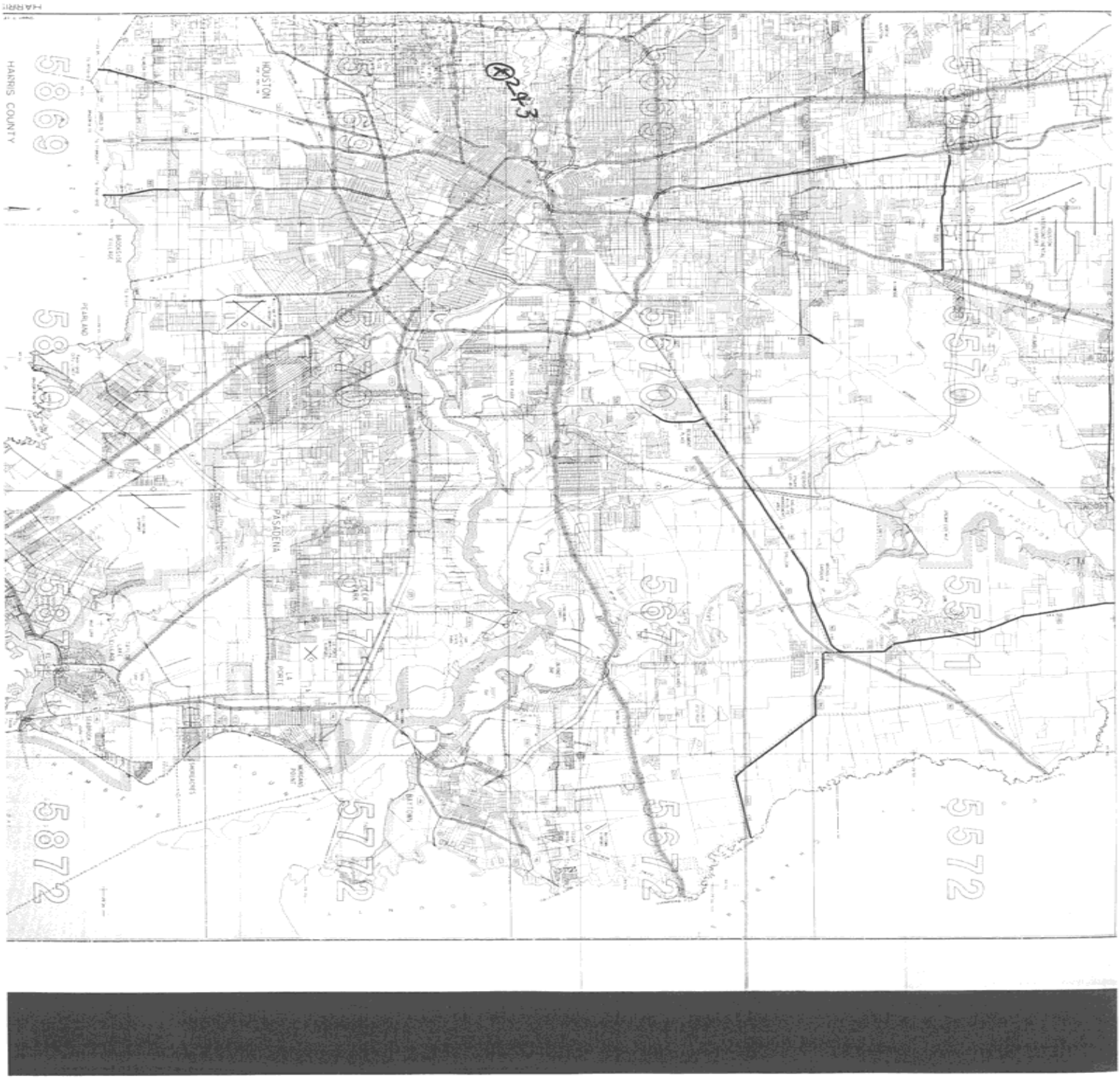
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 393 **Distance from Property: 4.80 mi. WSW**

ID NUMBER:	**TX205988**
STATE ID :	**65-21-2**
OWNER NAME:	**ALBERT SMITH**
DATE DRILLED:	**10/26/1990**
DEPTH DRILLED:	**408'**
STATIC LEVEL:	**250'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.428412000**
LATITUDE:	**29.749292000**

2 PAGE(S) OF DRILLERS' LOGS

Water Well ID: 205988



ST. 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 DEPTH
B-P SEAL 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. 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) _____ (LICENSED WATER WELL DRILLER)

(signed) _____ (REGISTERED DRILLER TRAINEE)

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 394 **Distance from Property: 4.81 mi. NW**

STATE ID:	**65-13-618**
OWNER'S NAME:	**CITY OF HOUSTON GARDEN OAKS**
DATE DRILLED:	**00/00/1939**
DEPTH DRILLED:	**411'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.414386000**
LATITUDE:	**29.811338000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513618/6513618.pdf**

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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 394 **Distance from Property: 4.81 mi. NW**

STATE ID:	**65-13-619**
OWNER'S NAME:	**CITY OF HOUSTON GARDEN OAKS #1**
DATE DRILLED:	**00/00/1937**
DEPTH DRILLED:	**300'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.414386000**
LATITUDE:	**29.811338000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513619/6513619.pdf**

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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

WATER UTILITY DATABASE (WUD)

MAP ID# 394 **Distance from Property: 4.81 mi. NW**

PWSID:	**1010013**
SOURCE ID:	**G1010013LV**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1937**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.414169310**
LATITUDE:	**29.811111450**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 394 **Distance from Property: 4.81 mi. NW**

PWSID:	**1010013**
SOURCE ID:	**G1010013LW**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**10/00/1940**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.414169310**
LATITUDE:	**29.811111450**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 394 **Distance from Property: 4.81 mi. NW**

PWSID:	**1010013**
SOURCE ID:	**G1010013LX**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1939**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.414169310**
LATITUDE:	**29.811111450**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 394 **Distance from Property: 4.81 mi. NW**

STATE ID:	**65-13-620**
OWNER'S NAME:	**CITY OF HOUSTON GARDEN OAKS #2**
DATE DRILLED:	**00/00/1940**
DEPTH DRILLED:	**834'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.414386000**
LATITUDE:	**29.811338000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513620/6513620.pdf**

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 Gen-McAdoo N.A. Rose 1941 | Source of data File | Date 1-19-68 | Map 1:24000 Houston Heights 195

State Texas 48 | County (or town) Harris LJ

Latitude: 29 49 05 N | Longitude: 095 24 50 | Sequential number: 1

Lat-long accuracy: 1 | T. ___ S, R ___ W, Sec ___, ___, ___, ___

Local well number: LJ-65-13-620 | Other number: B & M No. 12 1414

Local use: ___ | Owner or name: City of Houston

Owner or name: CITY OF HOUSTON | Address: Garden Oaks, #2 First Station

Ownership: (C) County, (F) Fed Gov't, (M) City, Corp or Co, (N) Private, (P) State Agency, (S) Water Dist ___ M

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Irr, (I) Ind, (M) Mfg, (N) S, (R) Rec, (S) Stock, (T) Institut, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-F S, (Y) Desal-other, (Z) Other — Covered 1967 U

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Rem, (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 | 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 | 8340 Meas. (est) Driller accuracy 3

Depth cased; (first perf.) 362 ft | 3620 | Casing type: S | Diam. 13⅜-7 in | 13-

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) wash, (X) other ___ H

Date Drilled: Aug 1940 | 940 | 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, (X) other T | Deep / Shallow D

Power (type): diesel, (elec) nat gas, gasoline, hand, LP gas, wind; H.P. 7.5 V | Trans. 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: Driller D

Date meas: 10-3-40 | 0 | Yield: 1126 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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Well No. LT-65-13-620

Latitude-longitude 29 d 49 m 05 s 095 d 24 m 50 s .1

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD [1] [19]

Physiographic Province: Coastal Plain [20][21] Section: West

GCD [22] F Drainage Basin: [23] 7 1 R [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] 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] 2 1 2 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; 590-584; 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]

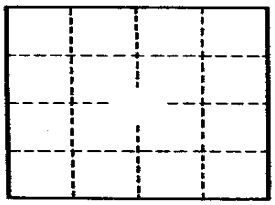
Surficial material: ____ [70][71] Infiltration characteristics: ____ [72]

Coefficient Trans: ____ gpd/ft [73][75] Coefficient Storage: ____ [76][78]

Coefficient Perm: ____ gpd/ft²; Spec cap: ____ gpm/ft; Number of geologic cards: ____ [79]

Caved?
Called #1 by City of Houston 6/22/68
#2 in 65-13-501

352' of 13" csg
482' of 7" csg



Well No. LT-65-13-620

GPO 857—700

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 395 **Distance from Property: 4.81 mi. S**

ID NUMBER:	**TX200244**
STATE ID :	**N/A**
OWNER NAME:	**MONTGOMERY SIGN SERVICE**
DATE DRILLED:	**10/21/1970**
DEPTH DRILLED:	**67'**
STATIC LEVEL:	**31'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.356348000**
LATITUDE:	**29.698119000**

1 PAGE(S) OF DRILLERS' LOGS

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 Montgomery Ctty Service (Name) Address 6216 St. Augustine St. (Street or RFD) Houston (City) Texas (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.*

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 2" in. Depth drilled 67 ft. Depth of completed well 67 ft. Date drilled 10-21-70
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	56	Clay
56	67	Sand

(Use reverse side if necessary)

9) Casing:
Type: Old New X Steel Plastic Other
Cemented from ft. to ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
Ø 2"	65 0	61	

10) SCREEN:
Type Wilton
Perforated X Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2"	61	67	

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

8) WATER LEVEL:
Static level 31 ft. below land surface Date 10-21-70
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? 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 Leon Bruno Davis (Type or Print) Water Well Drillers Registration No. 316

ADDRESS 6423 Tidwell (Street or RFD) Houston (City) Texas (State)

(Signed) (Water Well Driller) MEDCO WATER WELL SERVICE COMPANY (Company Name)

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

*Additional instructions on reverse side.

TWDBE-GW-53

TX6502202

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 396 **Distance from Property: 4.82 mi. WNW**

WELL ID:	**2701**
OWNERS NAME:	**SUPERIOR CONCRETE ACCESSORIES**
YEAR DRILLED:	**1971**
DEPTH DRILLED:	**480'**
STATIC LEVEL:	**318'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.429187000**
LATITUDE:	**29.785105000**
SOURCE:	**HGSD**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 397 **Distance from Property: 4.82 mi. WNW**

WELL ID:	**10609**
OWNERS NAME:	**MOSS LANDSCAPING**
YEAR DRILLED:	**Not Reported**
DEPTH DRILLED:	**450'**
STATIC LEVEL:	**440'**
WATER USAGE:	**OTHER**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.415593000**
LATITUDE:	**29.810365000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 398 **Distance from Property: 4.83 mi. ENE**

STATE ID:	**65-14-610**
OWNER'S NAME:	**WESTERN LINE TRUCKING**
DATE DRILLED:	**00/00/1963**
DEPTH DRILLED:	**216'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.275600000**
LATITUDE:	**29.793930000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514610/6514610.pdf**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 399 **Distance from Property: 4.83 mi. W**

WELL ID:	**1784**
OWNERS NAME:	**RIVER OAKS COUNTRY CLUB**
YEAR DRILLED:	**1973**
DEPTH DRILLED:	**726'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**OTHER**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.430512000**
LATITUDE:	**29.755520000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 399 **Distance from Property: 4.83 mi. W**

STATE ID:	**65-13-801**
OWNER'S NAME:	**RIVER OAKS COUNTRY CLUB**
DATE DRILLED:	**00/00/1949**
DEPTH DRILLED:	**1227'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.430509000**
LATITUDE:	**29.755518000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513801/6513801.pdf**

WRD Exp. (GW)
April 1966

Well No. LJT-65-13-801

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD (T. Brown) R.R.G. (7-1-63)

Record by W.L.N. (12-15-43) Source of data FILES Date 3-5-68 Map Houston Heights 1955 1:24000

State TEXAS [48] County (or town) HARRIS [101]

Latitude: [29 45 18 N] Longitude: [095 25 48] Sequential number: [1]

Lat-long accuracy: [1] T. ____ S, R ____ W, Sec ____, ____, ____, ____

Local well number: [LJT-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, 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 — PS & IRR. [I]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Rec, (O) Obs, (O) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [W]

DATA AVAILABLE: Well data [2] Freq. W/L meas.: 1957 – Quarterly [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: 1,227 ft [1227] Meas. (Edpt) Driller [3]

Depth cased; (first perf.) 617 ft [617] Casing type: S ; Dim. 16-6 5/8 in accuracy [16]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, sd. pt., (S) shored, (T) open hole, (Z) other — 54" filter sc. [S]

Method Drilled: (A) air rot, (B) bored, cable, (C) dug, (D) hyd rot, (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other ____ [H]

Date Drilled: 9-13-43 [9 4 19] Pump intake setting: 330 ft (est) [330]

Driller: LAYNE-TEXAS CO. (name), HOUSTON, TEXAS (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, cent., (M) multiple, curb., (N) nose, (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. TE [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 [12 19 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. LJT-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]

Physiographic Province: COASTAL PLAINS [19] [03] [20 21]

Section: [24]

[F] [22] Drainage Basin: [513R] [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: [28 29] system . series [T] 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: [44 45] system . series 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/ft²; Spec cap: gpm/ft; Number of geologic cards: [79]

11-12-63 installed new 6 5/8" liner
PL 290' @ 697 gpm } L-T
static 234'

New well in 1973

C99:
0-507 = 16"
507-1227 = 6"

Well No. LJ-65-13-801

GPO 857-700

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 399 **Distance from Property: 4.83 mi. W**

STATE ID:	**65-13-824**
OWNER'S NAME:	**RIVER OAKS COUNTRY CLUB**
DATE DRILLED:	**00/00/1929**
DEPTH DRILLED:	**887'**
WATER USAGE:	**PLUGGED OR DESTROYED**
LONGITUDE:	**-95.430511000**
LATITUDE:	**29.755519000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513824/6513824.pdf**

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 E.W. BONNET 1:24000

Record by P. LIVINGSTON Source of data FILE Date 6-14-68 Map HOUSTON HEIGHTS 1955

State TEXAS 1-19-31 [48] County (or town) HARRIS [LJ]

Latitude: [29 45 17 N] deg min sec N S Longitude: [095 25 46] 12 degrees 15 min sec 18 E W Sequential number: [1]

Lat-long accuracy: [1] T. ____ S, R ____ W, Sec ____, ____ ¼, ____ ¼, ____ ¼ ____

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) 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 [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 REPT. accuracy [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, sd. pt., (T) shored, (W) open hole, (S) other [S]

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, rotary, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (S) other [H]

Date Drilled: 7-29 [9 29] 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, submerg, (S) turb, (T) other [N] Deep Shallow [ ]

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; nat H.P. ____ LP [ ] 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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

Well No. LJ-65-13-824

Latitude-longitude 29 45 17 / 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: _____

(22) F Drainage Basin: _____ (23-25) 511 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 (60-62) Source of data: _____ (64)

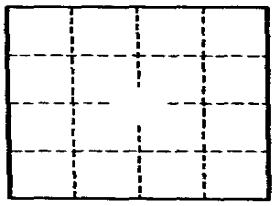
Depth to basement: _____ ft (65-68) Source of data: _____ (69)

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.



GPO 857-700

Well No. LJ-65-13-824

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 399 **Distance from Property: 4.83 mi. W**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294518095254801**
STATION NAME: **LJ-65-13-801**
SITE TYPE: **GW**
LATITUDE: **29.755520000** LONGITUDE: **-95.430513000**
DATE DRILLED: **09/13/1949**
WELL DEPTH: **1227 feet**
HOLE DEPTH: **1229 feet**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 399 **Distance from Property: 4.83 mi. W**

WELL ID:	**1783**
OWNERS NAME:	**RIVER OAKS COUNTRY CLUB**
YEAR DRILLED:	**1967**
DEPTH DRILLED:	**1224'**
STATIC LEVEL:	**587'**
WATER USAGE:	**OTHER**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.430513000**
LATITUDE:	**29.755520000**
SOURCE:	**HGSD**

WATER UTILITY DATABASE (WUD)

MAP ID# 400 **Distance from Property: 4.83 mi. ESE**

PWSID:	**1010013**
SOURCE ID:	**G1010013LI**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.279998780**
LATITUDE:	**29.734167100**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 401 **Distance from Property: 4.84 mi. WSW**

ID NUMBER:	**TX205994**
STATE ID :	**65-21-2**
OWNER NAME:	**CHARLES & JOHN DUNCAN**
DATE DRILLED:	**04/18/2001**
DEPTH DRILLED:	**493'**
STATIC LEVEL:	**220'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.428255000**
LATITUDE:	**29.747209000**

2 PAGE(S) OF DRILLERS' LOGS

STATE OF TEXAS WATER WELL REPORT (PAGE 2)

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	FROM	TO
7 7/8	0	493

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	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 Olivarez (REGISTERED DRILLER TRAINEE)

WATER UTILITY DATABASE (WUD)

MAP ID# 402 **Distance from Property: 4.84 mi. N**

PWSID:	**1010013**
SOURCE ID:	**G1010013NA**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**05/00/1947**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.349723820**
LATITUDE:	**29.838333130**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 403 **Distance from Property: 4.85 mi. N**

ID NUMBER:	**TX205844**
STATE ID :	**65-14-1**
OWNER NAME:	**HUBERT LEE**
DATE DRILLED:	**07/21/1987**
DEPTH DRILLED:	**50'**
STATIC LEVEL:	**7'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.343092000**
LATITUDE:	**29.838352000**

1 PAGE(S) OF DRILLERS' LOGS

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 Hubert Lee (Name) Address 5611 Jensen Dr. (Street or RFD) Hou (City) TX (State) (Zip)

2) LOCATION OF WELL: County Harris 5 miles in North (N.E., S.W., etc.) direction from Humble (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. 0465-06-7

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 July 21 1987 Completed July 21 1987

DIAMETER OF HOLE	Dia. (in.)	From (ft.)	To (ft.)
	4¾	Surface	50'

From (ft.)	To (ft.)	Description and color of formation material
0	4	Surface Sand.
4	28	Clay
28	32	Sand - fine with
32	41	Clay Red.
41	50	Sand fine red.

7) BOREHOLE COMPLETION:
☐ Open Hole ☑ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other
If Gravel Packed give interval . . . from 0 ft. to 50 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	40	40
2	N	PVC Slotted	40	50	40

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 Dumped to Cement
Cemented by _____

10) SURFACE COMPLETION Owner
☐ 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 7 ft. below land surface Date 7/21/87
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth
none

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

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

RECEIVED
DEC 16 1988
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? Fresh Depth of strata 9
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 Well (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) J.D. Yuhek (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 14-1
Located on map _____

WWD-012 (Rev.01-28-87) TEXAS WATER COMMISSION COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

MAP ID# 404 **Distance from Property: 4.85 mi. WSW**

TRACK #: **40186**
DATE ENTERED: **2004-07-02**
OWNER NAME: **MINER-DEDRICK**
OWNER ADDRESS: **2290 INWOOD**
HOUSTON, TX
COUNTY: **HARRIS**
LATITUDE: **29.752223000** LONGITUDE: **-95.430278000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=40186&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2003-08-04**
DRILLING DATE (COMPLETED): **2003-08-07**
DEPTH DRILLED: **438'**

WATER LEVEL:
STATIC LEVEL: **216'**
WATER LEVEL DATE: **2003-08-07**
TYPE OF WATER: **GOOD**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **ALMEDA WATER WELL SERVICE**
COMPANY ADDRESS: **P.O. BOX 266**
MANVEL, TX 77578

WATER UTILITY DATABASE (WUD)

MAP ID# 405 **Distance from Property: 4.86 mi. NW**

PWSID:	**1010013**
SOURCE ID:	**G1010013HA**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1949**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.405281070**
LATITUDE:	**29.820554730**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 405 **Distance from Property: 4.86 mi. NW**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294913095241801**
STATION NAME: **LJ-65-13-602**
SITE TYPE: **GW**
LATITUDE: **29.820781000** LONGITUDE: **-95.405498000**
DATE DRILLED: **04/18/1949**
WELL DEPTH: **1730 feet**
HOLE DEPTH: **2498 feet**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 405 **Distance from Property: 4.86 mi. NW**

STATE ID:	**65-13-602**
OWNER'S NAME:	**CITY OF HOUSTON HEIGHTS #9**
DATE DRILLED:	**04/18/1949**
DEPTH DRILLED:	**1730'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.405498000**
LATITUDE:	**29.820781000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513602/6513602.pdf**

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, Nostdl & Gayaski (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 49 13 N Longitude: 095 24 18 Sequential number: 1

Lat-long accuracy: 1 T. S, R W, Sec , , ,

Local well number: LJ-65-13-6602 Other number: B & M # 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) 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) Unused, (U) Repressure, (V) Recharge, (W) Desal-P S, (X) Desal-other, (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, (E) Destroyed W

DATA AVAILABLE: Well data 1 Freq. W/L meas.: 1949 Annual 5 Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: 9-10-49 0 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) bor'd, 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, cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) wash, (X) other H

Date Drilled: 4-18-49 9 4 9 Pump intake setting: ft

Driller: Texas Water Wells Inc. (name) Houston, Texas (address)

Lift (type): (A) air, (B) bucket, cent, (C) jet, (J) multiple, (L) multiple, (cent.) (M) multiple, (turb.) (N) none, (P) piston, (R) rot, submerg, (S) (T) turb, (X) 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 7 0 Accuracy: (source) Topo 5' 3

Water Level 137.97 ft above below MP; Ft above below LSD 1 3 8 Accuracy: Meas A

Date meas: 9-6-49 9 4 9 Yield: 2520 gpm 2 5 2 0 Method determined 4

Drawdown: 56 ft 5 6 Accuracy: meas D Pumping period 76 hrs 9 6

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 194 135 56

Well No. LJ-65-13-602

Well No. 6J-65-13-602

Latitude-longitude 29 d 49 m 13 s 095 d 24 m 18.1 s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1) Physiographic Province: Coastal Plain [03] (20-21) 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, (Φ) 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: 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/ft²; 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

Drill Stem Test from:

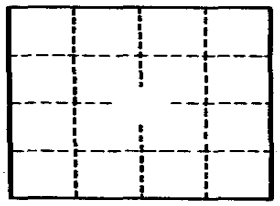
2290 - 2320' - Cl - 191 ppm

1680 - 1720' - Cl - 120 ppm

CSG.

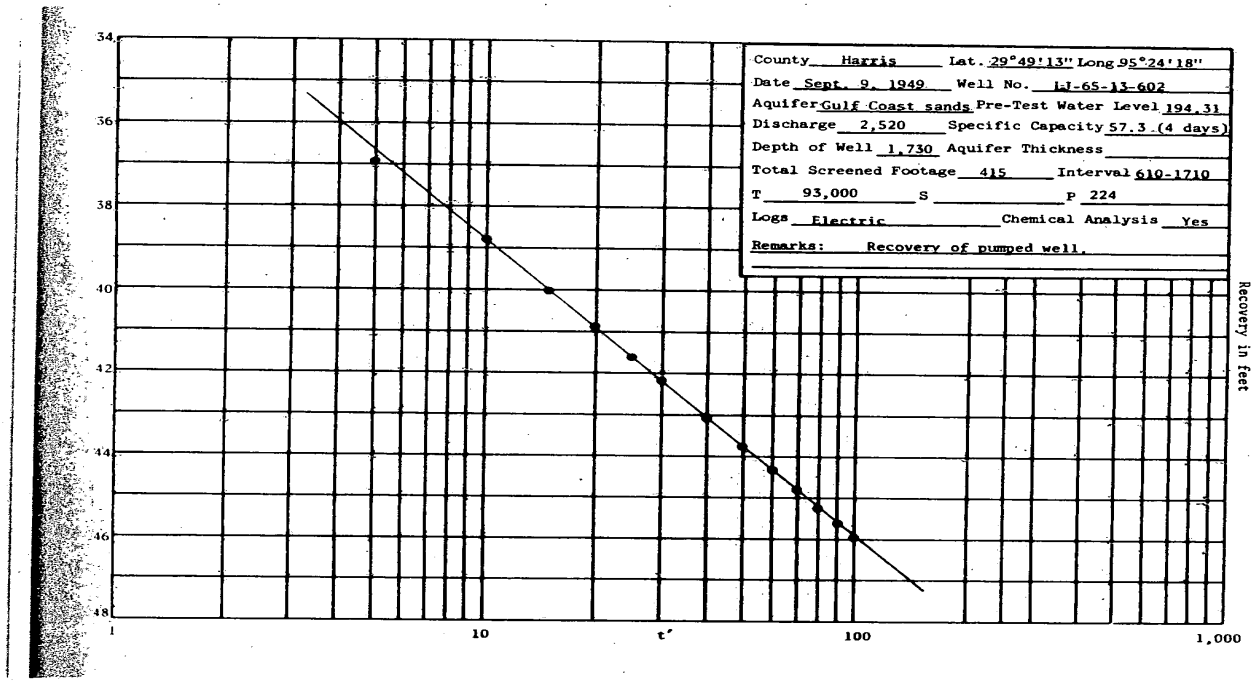
24" 0 - 590

12" 488 - 1730



Well No. EJ-65-13-602

GPO 857-700


34
36
38
40
42
44
46
48
1
10
t'
100
1,000
Recovery in feet
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.

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 406 **Distance from Property: 4.88 mi. WSW**

STATE ID:	**65-21-215**
OWNER'S NAME:	**CITY OF WEST UNIVERSITY PLACE**
DATE DRILLED:	**NOT REPORTED**
DEPTH DRILLED:	**600'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.416610000**
LATITUDE:	**29.725780000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6521215/6521215.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 21 215 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 43 32 Longitude - 95 24 59 Source of Coords - 1

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

Owner - City of West University Place

Driller - J A Walling

Address _____ Tenant/Oper. _____

Date Drilled - / / Depth - 600 ft. Source of Depth - R Altitude - 57 ft. Source of Alt. - M

Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User - 937600

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- / /

| 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		

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY
REMARKS -

Aquifer - 112CHCT
Well No. - 65 21 215

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

WATER UTILITY DATABASE (WUD)

MAP ID# 407 **Distance from Property: 4.88 mi. N**

PWSID:	**1010013**
SOURCE ID:	**G1010013NS**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.338333130**
LATITUDE:	**29.838333130**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

MAP ID# 408 **Distance from Property: 4.88 mi. WSW**

TRACK #: **184981**
DATE ENTERED: **2009-07-02**
OWNER NAME: **MAX WATSON**
OWNER ADDRESS: **3389 INWOOD DR.**
HOUSTON, TX 77019
COUNTY: **HARRIS**
LATITUDE: **29.750834000** LONGITUDE: **-95.430278000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=184981&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2006-05-10**
DRILLING DATE (COMPLETED): **2006-05-11**
DEPTH DRILLED: **445'**

WATER LEVEL:
STATIC LEVEL: **205'**
WATER LEVEL DATE: **2006-05-11**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **BUSSELL & SONS LLC**
COMPANY ADDRESS: **P.O. BOX 874**
TOMBALL, TX 77377

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 408 **Distance from Property: 4.88 mi. WSW**

ID NUMBER:	**TX199503**
STATE ID :	**65-21-1**
OWNER NAME:	**R.D.W.**
DATE DRILLED:	**10/23/1996**
DEPTH DRILLED:	**400'**
STATIC LEVEL:	**219'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.430206000**
LATITUDE:	**29.750900000**

1 PAGE(S) OF DRILLERS' LOGS

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, were 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	380
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)

RECEIVED JAN 22 1996 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

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	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 70
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 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) Craig Bussell (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

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

NRCC-0199 (Rev. 05-21-96) White - TNRCC Yellow - DRILLER Pink - WELL OWNER

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 409 **Distance from Property: 4.89 mi. E**

ID NUMBER:	**TX187759**
STATE ID :	**65-14-9F**
OWNER NAME:	**VOSS INTERNATIONAL**
DATE DRILLED:	**05/02/1983**
DEPTH DRILLED:	**597'**
STATIC LEVEL:	**280'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.269317000**
LATITUDE:	**29.773219000**

2 PAGE(S) OF DRILLERS' LOGS

65-14-9F

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 Voss International (Name) Address 10255 Richmond Ave. Houston, Tx. 77042 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Harris 3 miles in E (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 _____

Falcon Cement Co.

XX See attached map. Mapsco 65-30-IC c

3) TYPE OF WORK (Check): XX 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 5/2/83

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6 3/4	Surface	597

From (ft.)	To (ft.)	Description and color of formation material
0	3	Top Soil
3	80	Clay
80	85	Sand
85	196	Clay
196	236	Sand & Gravel
236	260	Clay
260	263	Sand
263	265	Clay
265	286	Sand
286	289	Clay
289	306	Sand
306	310	Clay
310	319	Sand
319	321	Clay
321	358	Sand
358	390	Clay
390	424	Sand
424	434	Clay
434	442	Sand
442	526	Clay
526	544	Sand
544	565	Clay
565	597	Sand

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	549	WW
2½	N	Steel	537	567	WW
2⅛	N	Everflo	567	597	16

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 280 ft. below land surface Date 5/20/83
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

RECEIVED
JUL 20 1983
DEPT. OF WATER RESOURCES

(Use reverse side if necessary)

11) TYPE PUMP:
☐ Turbine ☐ Jet XX Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 336 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. 786

ADDRESS P.O. BOX 162 (Street or RFD) PEARLAND, (City) TEXAS (State) 77581 (Zip)

(Signed) Dallen 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. 65-14-9F Located on map YOSC.F.S.

DWR 0392 (Rev. 6-27-82)

DEPARTMENT OF WATER RESOURCES COPY

187759

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

65-30-1cc

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 410 **Distance from Property: 4.89 mi. SSW**

STATE ID:	**65-22-407**
OWNER'S NAME:	**WATSON SERVICE STATION**
DATE DRILLED:	**00/00/1951**
DEPTH DRILLED:	**181'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.376488000**
LATITUDE:	**29.700398000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522407/6522407.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6522407 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294202 **Longitude** 952226 **Source of Coords** 2

Owner's Well No. _____ **Location** _____

Owner
Watson Service Station

Driller
H. L. Jackson Co.

Address _____ **Tenant/Oper.** _____

Date Drilled / /1951 **Depth** 181 **Source of Depth** **Altitude** 48 **Source of Alt.**

Well Type W **User**

WELL CONSTRUCTION

Const-Method

Completion

Casing Material

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 -** INDUSTRIAL **Secondary -** **Tertiary -**

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

WATER LEVELS 1 measurement
1951
-77

Recorded By _____ **Date Record Collected or Updated -** 02/20/2003

Reporting Agency 01

REMARKS -
TWDB Report 178

Aquifer - 112CHCTU **ID -** 15
CHICOT
AQUIFER,UPPER

Wednesday, March 29, 2006

Well Number - 6522407

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 411 **Distance from Property: 4.91 mi. WSW**

ID NUMBER:	**TX205989**
STATE ID :	**65-21-2**
OWNER NAME:	**DOUGLAS GORDON**
DATE DRILLED:	**10/02/1990**
DEPTH DRILLED:	**401'**
STATIC LEVEL:	**249'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.429113000**
LATITUDE:	**29.746089000**

2 PAGE(S) OF DRILLERS' LOGS

STATE OF TEXAS WATER WELL REPORT

1) OWNER: GORDON,DOUGLAS ADDRESS: 86 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

DATE DRILLED: 10/02/90

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.

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:

RECEIVED
APR 18 1991
TEXAS WATER WELL DRILLERS BOARD

12) PACKERS: TYPE DEPTH

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

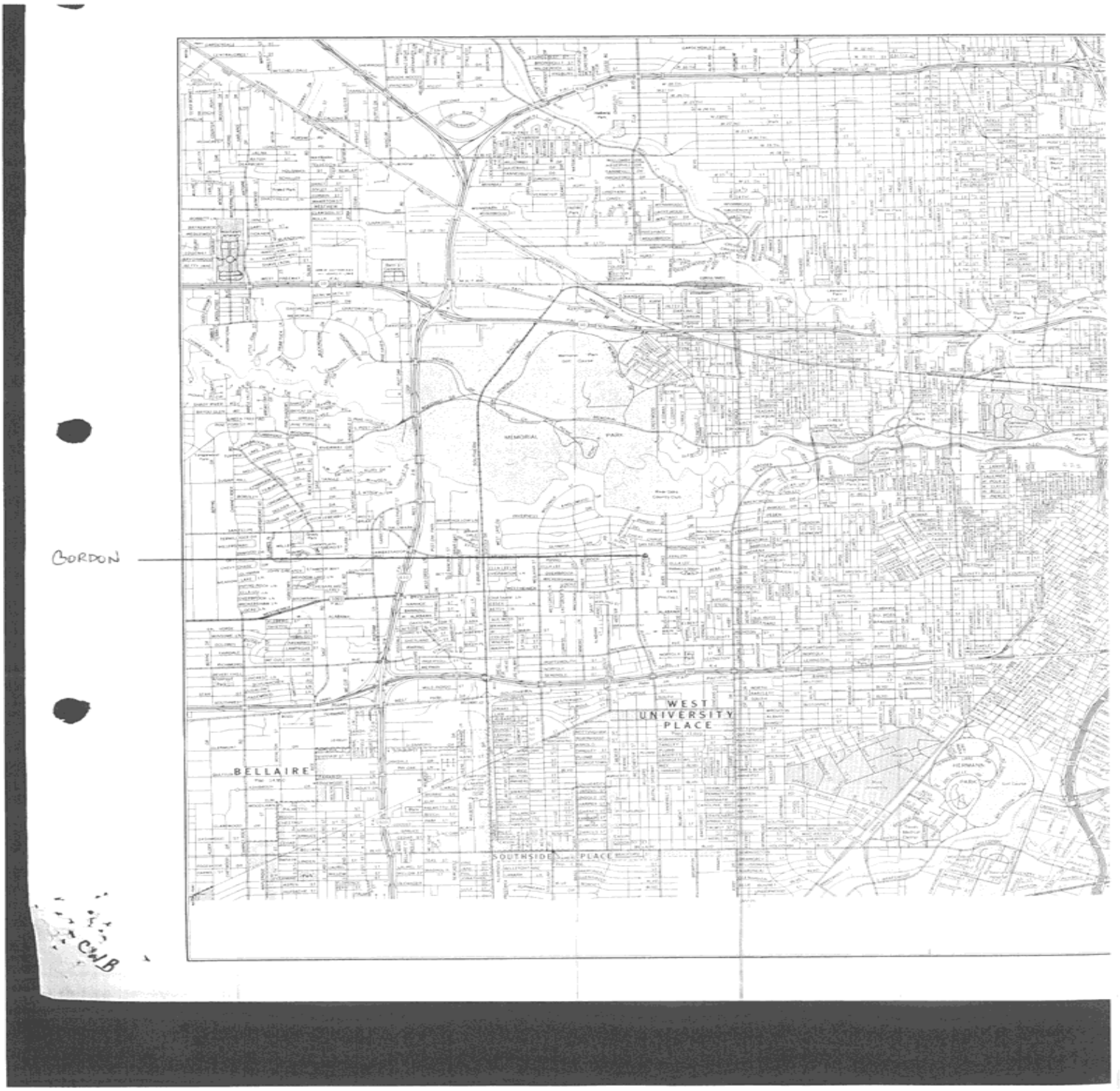
COMPANY NAME: ALMEDA WATER WELL SERVICE WATER WELL DRILLER'S LICENSE NO.: 843,2703,2843
ADDRESS: P. O. BOX 266 CITY: MANVEL STATE: TX ZIP CODE: 77578

FOR TDWR USE ONLY
WELL NO. 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) Mike Pybuen (LICENSED WATER WELL DRILLER) (signed) (REGISTERED DRILLER TRAINEE)

CWP


GORDON
MEMORIAL
PARK
WEST
UNIVERSITY
PLACE
BELLAIRE
SOUTHSIDE PLACE

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 412 **Distance from Property: 4.91 mi. S**

WELL ID:	**5961**
OWNERS NAME:	**INDUSTRIAL METAL FINISHING COMPANY**
YEAR DRILLED:	**1996**
DEPTH DRILLED:	**440'**
STATIC LEVEL:	**420'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.355325000**
LATITUDE:	**29.696707000**
SOURCE:	**HGSD**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 412 **Distance from Property: 4.91 mi. S**

WELL ID:	**1862**
OWNERS NAME:	**INDUSTRIAL METAL FINISHING COMPANY**
YEAR DRILLED:	**1960**
DEPTH DRILLED:	**337'**
STATIC LEVEL:	**269'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.355325000**
LATITUDE:	**29.696707000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 412 **Distance from Property: 4.91 mi. S**

STATE ID:	**65-22-415**
OWNER'S NAME:	**INDUSTRIAL METAL FINISHING CO.**
DATE DRILLED:	**03/26/1960**
DEPTH DRILLED:	**306'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.355320000**
LATITUDE:	**29.696700000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6522415/6522415.pdf**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 412 **Distance from Property: 4.91 mi. S**

ID NUMBER:	**TX199541**
STATE ID :	**65-22-1**
OWNER NAME:	**INDUSTRIAL METAL FINISHERS**
DATE DRILLED:	**02/13/1990**
DEPTH DRILLED:	**440'**
STATIC LEVEL:	**210'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.355325000**
LATITUDE:	**29.696707000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified mail to: Texas Water Co ...sion, P.O. Box 13087, Austin, Texas 78711

107 (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 Industrial Metal Finishers (Name) ADDRESS England St. (Street or RFD) Houston (City) TX (State) 77021 (Zip)

2) LOCATION OF WELL: England St
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 KM 533 H No Map Attached

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 2/12 1990 Completed 2/13 1990

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
7 7/8	Surface	440

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	29	Surface Sand
29	83	Clay
83	95	Sand
95	170	Clay
170	187	Sand
187	196	Clay
196	233	Sand
233	305	Sand + Clay
305	415	Sandy 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	SDR 17	0	420	
3	N	Galvanized	410	420	
3	N	PVC	420	430	.014
3	N	PVC	430	440	.016

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 15 ft. No. of Sacks Used ____
320 ft. to 420 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 210 ft. below land surface Date 2/13/90
Artesian flow ____ gpm. Date ____

12) PACKERS: Type: K-Packer Depth: 410

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

RECEIVED
MAR 22 1990
TEXAS WATER COMMISSION

14) WELL TESTS:
Type Test: ☐ Pump ☐ Baller ☒ 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 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 Lysoung (Registered Driller Trainee)

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

For TWC use only: Well No. 65-22-1 Located on map ____

WWD-012 (Rev. 09/21/88)

TEXAS WATER COMMISSION COPY

HGWW well 28

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 412 **Distance from Property: 4.91 mi. S**

ID NUMBER:	**TX199553**
STATE ID :	**65-22-4A**
OWNER NAME:	**INDUSTRIAL METAL FINISHING**
DATE DRILLED:	**04/13/1979**
DEPTH DRILLED:	**301'**
STATIC LEVEL:	**150'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.355320000**
LATITUDE:	**29.696700000**

1 PAGE(S) OF DRILLERS' LOGS

Well Log #116

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. 65-22-4A
Located on map YES
Received: TN

1) OWNER Industrial Metal Finishing (Name) Address 4200 Perry St. (Street or RFD) Houston (City) Texas (State) 77021 (Zip)

2) LOCATION OF WELL: Same
County Harris, 6 miles in 5 (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 65-15-7E — No 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 4/13/79

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6½	Surface	301

From (ft.)	To (ft.)	Description and color of formation material
0	26	Clay
26	30	Sand
30	95	Clay
95	106	Sand
106	177	Clay
177	185	Sand
185	193	Clay
193	292	Sand
292	301	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	Gage Screen
4	N	Steel	0	266		40
2⅜	N	Stainless Steel	266	276		16
2⅜	N	Stainless Steel	276	286		10
2⅜	N	Stainless Steel Liner	286	301		

CEMENTING DATA
Cemented from 216 ft. to 266 ft.
Method used _____
Cemented by _____ (Company or Individual)

9) WATER LEVEL:
Static level 150 ft. below land surface Date 4/14/79
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP:
☐ Turbin ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 270 ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 60 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.

*Additional instructions on reverse side.
TDWR-0392

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 412 **Distance from Property: 4.91 mi. S**

ID NUMBER:	**TX205700**
STATE ID :	**65-21-5**
OWNER NAME:	**INDUSTRIAL METAL FINISHERS**
DATE DRILLED:	**01/08/1997**
DEPTH DRILLED:	**440'**
STATIC LEVEL:	**188'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.355320000**
LATITUDE:	**29.696700000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified return receipt requested m: TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-30

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 Industrial Metal Finishers (Name) ADDRESS 4200 Perry St. (Street or RFD) Hstn (City) TX (State) 77042 (Zip)

2) ADDRESS OF WELL: County Harris 4200 Perry St. (Street, RFD or other) Hstn (City) TX (State) 77042 (Zip) GRID # 65-21-S

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 1-6 1997 Completed 1-8 1997

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	18	Top Soil + Clay
18	29	Surface Sand
29	83	Clay
83	95	Sand
95	170	Clay
170	187	Sand
187	196	Clay
196	233	Sand
233	305	Clay
305	415	Sandy Clay
415	440	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	420	
3	N	Galvanized	415	420	
3	N	PVC Screens	420	430	.012
3	N	PVC Screens	430	440	.014

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 15 ft. No. of sacks used 10
320 ft. to 420 ft. No. of sacks used 8
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 188 ft. below land surface Date 1/8/97
Artesian flow ____ gpm. Date ____

12) PACKERS:

Type	Depth
K-Packer	415

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. 3035

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.

TNRCC-0199 (Rev. 05-21-96) White - TNRCC Yellow - DRILLER Pink - WELL OWNER

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 412 **Distance from Property: 4.91 mi. S**

WELL ID:	**4495**
OWNERS NAME:	**INDUSTRIAL METAL FINISHING COMPANY**
YEAR DRILLED:	**1990**
DEPTH DRILLED:	**350'**
STATIC LEVEL:	**281'**
WATER USAGE:	**INDUSTRIAL**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.355325000**
LATITUDE:	**29.696707000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 413 **Distance from Property: 4.91 mi. WNW**

ID NUMBER:	**TX199086**
STATE ID :	**65-13-8G**
OWNER NAME:	**AUTOMATION PRODUCTS, INC.**
DATE DRILLED:	**11/24/1974**
DEPTH DRILLED:	**287'**
STATIC LEVEL:	**87'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.430835000**
LATITUDE:	**29.785099000**

1 PAGE(S) OF DRILLERS' LOGS

45

65-13-8G

— 1 —

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: yes
Received: 7-5-74

1) OWNER:
Person having well drilled Automation Products, Inc. (Name) Address 3030 Maxroy St. (Street or RFD) Houston (City) Harris (State) 77008

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 m 65-31-2N
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 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.)	To (ft.)	Gage
8	0	264	40
2	264	277	40

10) SCREEN:
Type SSR
Perforated, Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
2	277	287	.016

(Use reverse side if necessary)

7) COMPLETION (Check):
Straight wall, 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. 158

ADDRESS 5911 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.

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 414 **Distance from Property: 4.92 mi. WSW**

ID NUMBER:	**TX205985**
STATE ID :	**65-21-2**
OWNER NAME:	**JOHN YOUNG**
DATE DRILLED:	**06/13/1989**
DEPTH DRILLED:	**400'**
STATIC LEVEL:	**242'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.429081000**
LATITUDE:	**29.745537000**

1 PAGE(S) OF DRILLERS' LOGS

STATE OF TEXAS WATER WELL REPORT K-1491

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: 06/15/89
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. Pylasm (LICENSED WATER WELL DRILLER)

(signed) _____ (REGISTERED DRILLER TRAINEE)

CWB

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 415 **Distance from Property: 4.92 mi. SW**

WELL ID:	**11394**
OWNERS NAME:	**METHODIST HOSPITAL, THE**
YEAR DRILLED:	**Not Reported**
DEPTH DRILLED:	**420'**
STATIC LEVEL:	**370'**
WATER USAGE:	**DOMESTIC/COMMERCIAL**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.399362000**
LATITUDE:	**29.710016000**
SOURCE:	**HGSD**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 416 **Distance from Property: 4.92 mi. E**

STATE ID:	**65-14-921**
OWNER'S NAME:	**HOUSTON L & P CO.**
DATE DRILLED:	**06/07/1966**
DEPTH DRILLED:	**387'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-95.269190000**
LATITUDE:	**29.777600000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514921/6514921.pdf**

Texas Water Development Board
Well Schedule

State Well Number 6514921 **Previous Well Number** **County** Harris 201

River Basin 10 San Jacinto River **Zone** 1 **Latitude** 294633 **Longitude** 951609 **Source of Coords** 1

Owner's Well No. _____ **Location** _____

Owner
Houston L & P Co.

Driller
Lowry Water Wells

Address _____ **Tenant/Oper.** _____

Date Drilled 06/07/1966 **Depth** 387 **Source of Depth** D **Altitude** 40 **Source of Alt.** M

Well Type W **User**

WELL CONSTRUCTION

Const-Method

Completion

Casing Material

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 -** 5.0

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

WATER USE **Primary -** DOMESTIC **Secondary -** **Tertiary -**

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

WATER LEVELS

Recorded By _____ **Date Record Collected or Updated -** / /

Reporting Agency 02

REMARKS -

Aquifer - 112CHCTL **ID -** 15
CHICOT
AQUIFER,LOWER

Tuesday, December 13, 2005

Well Number - 6514921

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 417 **Distance from Property: 4.93 mi. W**

ID NUMBER:	**TX206127**
STATE ID :	**65-13-8**
OWNER NAME:	**MEG GOODMAN**
DATE DRILLED:	**12/30/2002**
DEPTH DRILLED:	**393'**
STATIC LEVEL:	**206'**
WATER USAGE:	**SINGLE FAMILY RESID**
LONGITUDE:	**-95.431453000**
LATITUDE:	**29.752397000**

1 PAGE(S) OF DRILLERS' LOGS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

Water Well ID: 206127

ATTENTION OWNER: Confidentiality Privilege Notice on Reverse Side

STATE OF TEXAS
WATER WELL REPORT

1) OWNER: GOODMAN, MEG ADDRESS: 3456 INWOOD CITY: HOUSTON STATE: TX ZIP: –

2) ADDRESS OF WELL:
County: HARRIS GRID # 65-13-8
Street or RFD: LAT. 29-45.15N LONG. 095-25.86W
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: 02413
DATE DRILLING:
STARTED: 12/17/02
COMPLETED: 12/30/02

DIAMETER OF HOLE

DIAMETER	FROM	TO
8.5	0	370
4.875	370	393

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	370	CASING
3.0	N	P.V.C. SCH.40	362	372	LINER
3.0	N	JOHNSON SUPER FLOW	372	392	.008
3.0	N	P.V.C. SCH.40	392	393	LINER

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	2	SOIL
2	15	CLAY-GRAY CLAY-BROWN
15	23	SAND-TAN-FINE
23	41	CLAY-RED
41	62	BROKEN SAND & CLAY
62	180	CLAY-TAN BROKEN SAND & CLAY
180	192	SAND-TAN-.006-.008 SAND-TAN-.010-.012
192	214	CLAY-RED
214	244	SAND-TAN-.010-.012 SAND-TAN-.014-.020
244	308	CLAY-RED CLAY-GRAY
308	318	SAND-WHITE-.010-.012
318	366	CLAY-TAN BROKEN SAND & CLAY
366	392	SAND-WHITE-.006-.008
392	393	CLAY-RED

9) CEMENTING DATA:
Cemented from No. of Sacks Used
0 FT. TO 370 FT. 70
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 : 206 FT. DATE: 12/19/02
ARTESIAN FLOW: GPM. DATE:

12) PACKERS:

TYPE	DEPTH
K-PACKER	362
K-PACKER	363

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: GOOD DEPTH OF STRATA: 393 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) _____ (LICENSED WATER WELL DRILLER)

(signed) _____ (REGISTERED DRILLER TRAINEE)

RECEIVED
TDLR MAIL ROOM AR
FEB 12 2003
RECEIPT# AMOUNT

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

WATER UTILITY DATABASE (WUD)

MAP ID# 418 **Distance from Property: 4.95 mi. N**

PWSID:	**1010013**
SOURCE ID:	**G1010013NB**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**01/00/1949**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.340835570**
LATITUDE:	**29.839445110**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 418 **Distance from Property: 4.94 mi. N**

STATE ID:	**65-14-106**
OWNER'S NAME:	**CITY OF HOUSTON IRVINGTON**
DATE DRILLED:	**01/00/1949**
DEPTH DRILLED:	**1120'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-95.341340000**
LATITUDE:	**29.839560000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6514106/6514106.pdf**

TEXAS WATER DEVELOPMENT BOARD
WELL SCHEDULE

State Well Number - 65 14 106 Previous Well Number - County - Harris 201
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 50 22 Longitude - 95 20 27 Source of Coords - 3

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

Owner - City of Houston
Irvington

Driller - layne Texas Co.

Address _____ Tenant/Oper. _____
Date Drilled - 01/ /1949 Depth - 1,120 ft. Source of Depth - D 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 - _____

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 14 106

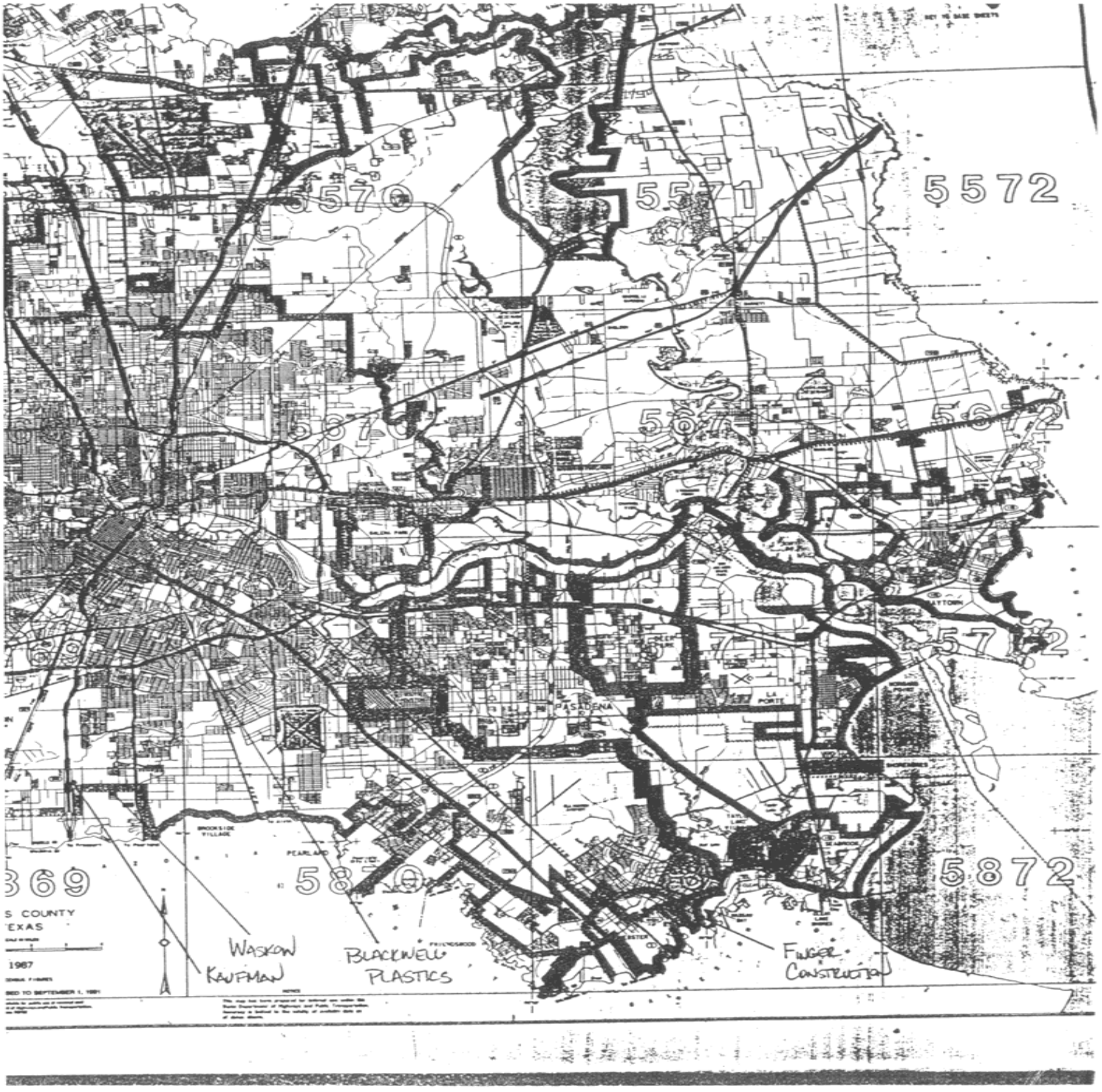
GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 419 **Distance from Property: 4.94 mi. SSE**

ID NUMBER:	**TX205413**
STATE ID :	**65-22-4**
OWNER NAME:	**BLACKWELL PLASTICS**
DATE DRILLED:	**04/13/1993**
DEPTH DRILLED:	**451'**
STATIC LEVEL:	**188'**
WATER USAGE:	**INDUSTRIAL**
LONGITUDE:	**-95.332770000**
LATITUDE:	**29.697886000**

3 PAGE(S) OF DRILLERS' LOGS


5572
5571
5570
5672
5772
5872
5870
PASADENA
LA PORTE
PEARLAND
S COUNTY
EXAS
1987
WASKOW
KAUFMAN
BLACKWELL
PLASTICS

STATE OF TEXAS WATER WELL REPORT (PAGE 2)

OWNER: BLACKWELL PLASTICS ADDRESS: 5606 CAVANAUGH CITY: HOUSTON STATE: TX ZIP: 77021-

365	420	CLAY-RED SHALE
420	426	BROKEN SAND & CLAY
426	451	SAND-TAN-.006-.008 SAND-TAN-.010-.012

RECEIVED
SEP 07 1993
TEXAS WATER COMMISSION

STATE OF TEXAS WATER WELL REPORT

1) OWNER: BLACKWELL PLASTICS ADDRESS: 5606 CAVANAUGH CITY: HOUSTON STATE: TX ZIP: 77021-
2) LOCATION OF WELL: County: HARRIS 10 miles in N direction from PEARLAND

LEGAL DESCRIPTION SEE ATTACHED MAP

3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: INDUSTRIAL 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 00684 DIAMETER OF HOLE 7) BOREHOLE METHOD:

DIAMETER	FROM	TO
6.75	0	425'
3.875	425'	451'

TWO STRING/K-PACKER
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

DATE DRILLED: 04/13/93

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	425'	CASING
2.5	N	P.V.C. SCH.40	416'	426'	LINER
2.5	N	P.V.C. - SLOTTED	426'	431'	.006
2.5	N	P.V.C. - SLOTTED	431'	451'	.008

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	SOIL
3	42	CLAY-BROWN
42	43	ROCK
43	85	SAND-TAN-.006-.008 SAND-TAN-.010-.012
85	205	CLAY-BLUE CLAY-RED
205	218	BROKEN SAND & CLAY
218	244	SAND-GRAY-.006-.008 SAND-GRAY-.010-.012
244	274	CLAY-BLUE
274	293	SAND-GRAY-.010-.012
293	323	CLAY-RED CLAY-BLUE
323	330	SAND-GRAY-.006-.008 SAND-GRAY-.010-.012
330	352	CLAY-RED
352	354	SAND-GRAY-.006-.008
354	360	CLAY-BLUE
360	365	SAND-GRAY-.006-.008

RECEIVED
SEP 07 1993
TEXAS WATER COMMISSION

9) CEMENTING DATA:
Cemented from 0 FT. TO 425 FT.
FT. TO FT.
Method used: PRESSURE-HALIBURTON
Cemented by: AWWS

10) SURFACE COMPLETION:
APP. ALTER. PROCD.

11) WATER LEVEL:
STATIC LEVEL : 188' FT. DATE: 04/15/93
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 273'

14) WELL TEST:
JETTED
YIELD: 100 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: GOOD DEPTH OF STRATA: 451' 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 65-22-4

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) _____ (LICENSED WATER WELL DRILLER)

(signed) _____ (REGISTERED DRILLER TRAINEE)

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 420 **Distance from Property: 4.96 mi. SSW**

WELL ID:	**10786**
OWNERS NAME:	
YEAR DRILLED:	**2009**
DEPTH DRILLED:	**550'**
STATIC LEVEL:	**510'**
WATER USAGE:	**DOMESTIC/COMMERCIAL**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.388366000**
LATITUDE:	**29.703555000**
SOURCE:	**HGSD**

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 420 **Distance from Property: 4.96 mi. SSW**

WELL ID:	**2569**
OWNERS NAME:	**VA HOSPITAL**
YEAR DRILLED:	**1962**
DEPTH DRILLED:	**463'**
STATIC LEVEL:	**412'**
WATER USAGE:	**PUBLIC SUPPLY**
WELL STATUS:	**PLUGGED**
LONGITUDE:	**-95.388393000**
LATITUDE:	**29.703552000**
SOURCE:	**HGSD**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 420 **Distance from Property: 4.96 mi. SSW**

ID NUMBER:	**TX199515**
STATE ID :	**65-21-6A**
OWNER NAME:	**VETERANS ADMINISTRATION HOSPITAL**
DATE DRILLED:	**01/??/1963**
DEPTH DRILLED:	**465'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**USE FOR HOSPITAL**
LONGITUDE:	**-95.388393000**
LATITUDE:	**29.703552000**

2 PAGE(S) OF DRILLERS' LOGS

65-21-6A
65-21-6A

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. 65-21-6A
Located on map
By VW Date 4-23
Map no. 1023

1) Well Owner: Veterans Administration Hospital, 2002 Holcombe Blvd., 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 Use for Hospital

4) Location of well: County Harris Co., in Houston City Limits. 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

(Job No. 1260)

Well drilled for the Knutson Construction Company, General Contractor

The Veterans Administration Hospital's location is bound on the North by Holcombe Blvd., by Almeda Road on the East, by O.S.T. Road on the South and by Cambridge Street on the West.

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 9-7/8 in. Date drilled Jan. 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
0	10	Top Soil & Sub Clay	293	304	Fine Sand
10	48	Red Joint Clay	304	410	Gray Shale
48	56	Fine Sand	410	432	Medium Sand
56	90	Multi-colored clay	432	453	Gray Shale
90	97	Coarse Sand	453	463	Medium to Coarse Sand
97	167	Multi-colored Clay	463	465	Gray Shale
167	181	Fine Sand			
181	293	Red Joint Clay			

(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 406 ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
6-5/8"	0	406

SCREEN

Type S.S.wire wrapped
Perforated ☐ Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (ft)
See Setting Data 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. Stawrett (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
Well tested at		50
G.P.M. for four hours.		

Pump type Jacuzzi Submersible Type
Designed pumping rate 50 GPM gpm ☐ gph ☐
Type power unit Electric Motor
Horsepower 7½ HP
Depth to bowls, cylinder, jet, etc., 250' ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company:

C-34 (62-4)

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

November - 1962

Knutson Construction Company
Veterans Hospital Addition
Houston, Texas

SETTING DATA

SURFACE CASING:

SET AND CEMENTED IN PLACE: 408' of 8-5/8" O.D. , 19.45# T & C black steel pipe. Cementing performed by Halliburton Company.

SCREEN AND BLANK LINER:

FROM	TO	DESCRIPTION
	390'	8" x 4" lead seal
390'	412'	22' of 4-1/2" Blank Liner
412'	432'	20' of 4" S.S. Screen
432'	453'	21' of 4-1/2" Blank Liner
453'	463'	10' of 4" S.S. Screen
463'	465'	2' of 4-1/2" Blank Liner with back pressure valve and wood wash plug.

Attach: 6A
WWH 65-21.

MEMBER TEXAS WATER WELL DRILLING CONTRACTORS ASSOCIATION

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 420 **Distance from Property: 4.96 mi. SSW**

ID NUMBER:	**TX206844**
STATE ID :	**65-21-6**
OWNER NAME:	**V.A. MEDICAL CENTER**
DATE DRILLED:	**11/30/1995**
DEPTH DRILLED:	**544'**
STATIC LEVEL:	**216'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.388393000**
LATITUDE:	**29.703552000**

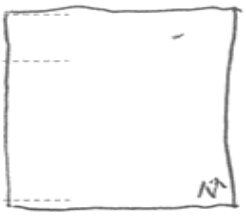
1 PAGE(S) OF DRILLERS' LOGS

E OF TEXAS WATER WELL REPORT

1) OWNER: V.A. MEDICAL CENTER ADDRESS: 2002 HOLCOMBE BLVD. CITY: HOUSTON STATE: TX ZIP: 77030-4298
2) LOCATION OF WELL: County: HARRIS 0 miles in S direction from HOUSTON

LEGAL DESCRIPTION:
Section No.: G-9 Block No.: S Township: HOUSTON
Abstract No.: HOLCOMBE Survey Name: CONTR#V580C-802
Distance and direction from two intersecting section or survey lines: HOLCOMBE & ALMEDA

65-21-6



3) TYPE OF WORK: NEW WELL 4) PROPOSED USE: IRRIGATION 5) DRILLING METHOD: MUD ROTARY

6) WELL LOG: 16359 DIAMETER OF HOLE
DIAMETER FROM TO
10 5/8 0 470
6 1/2 470 544
DATE DRILLED: 11/30/95

7) BOREHOLE METHOD:
STRAIGHT WALL
IF GRAVEL... FROM FT. TO FT.
FROM FT. TO FT.

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	5	TOP SOIL
5	46	CLAY
46	58	SAND
58	72	CLAY
72	85	SAND
85	102	CLAY
102	132	SAND
132	170	CLAY
170	189	SAND
189	268	CLAY
268	286	SAND
286	287	CLAY
287	288	SAND
288	349	CLAY
349	354	SAND
354	368	SAND W/CLAY STREAKS
368	389	SAND
389	390	CLAY
390	395	SAND
395	397	CLAY
397	446	SAND
451	476	SAND W/CLAY STREAKS
476	534	SAND
534	544	CLAY

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

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING SCREEN
6 5/8	N	STEEL CASING	0	470		40
4	N	GALVANIZED LINER	447	478		40
4	N	S/S PIPE BASE SCREEN	478	499		10
4	N	S/S PIPE BASE SCREEN	499	520		12
4	N	S/S PIPE BASE SCREEN	520	532		14
4	N	GALVANIZED LINER	532	544		40

9) CEMENTING DATA:
Cemented from 470 FT. TO 0 FT.
FT. TO FT.
Method used: PRESSURE
Cemented by: ODCI

RECEIVED
FEB 26 1996

10) SURFACE COMPLETION:
SLAB

11) WATER LEVEL:
STATIC LEVEL : 216 FT. DATE: 11/30/95
ARTESIAN FLOW: GPM. DATE:

12) PACKERS: TYPE DEPTH
B P VALVE 447

13) TYPE PUMP:
SUBMERSIBLE
DEPTH TO PUMP: 315

14) WELL TEST:
PUMP
YIELD: 201 GPM WITH 22 FT DRAWDOWN AFTER 24 HRS

15) WATER QUALITY:
TYPE OF WATER: N/A DEPTH OF STRATA: 58 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) Marshall Bonnet (LICENSED WATER WELL DRILLER)

(signed) _____ (REGISTERED DRILLER TRAINEE)

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 420 **Distance from Property: 4.96 mi. SSW**

WELL ID:	**5530**
OWNERS NAME:	
YEAR DRILLED:	**1996**
DEPTH DRILLED:	**550'**
STATIC LEVEL:	**350'**
WATER USAGE:	**LAKE/POND/POOL**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.388366000**
LATITUDE:	**29.703547000**
SOURCE:	**HGSD**

MAP ID# 421 **Distance from Property: 4.97 mi. N**

TRACK #: **165613**
DATE ENTERED: **2009-01-16**
OWNER NAME: **JOHNSON NGUYEN**
OWNER ADDRESS: **8802 MANUS ST.**
HOUSTON, TX 77093
COUNTY: **HARRIS**
LATITUDE: **29.839445000** LONGITUDE: **-95.336945000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=165613&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2008-11-20**
DRILLING DATE (COMPLETED): **2008-11-21**
DEPTH DRILLED: **400'**

WATER LEVEL:
STATIC LEVEL: **105'**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **GROUND**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **B&R WATER WELL DRILLING, INC.**
COMPANY ADDRESS: **40619 FM 149**
MAGNOLIA, TX 77354

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 422 **Distance from Property: 4.98 mi. WSW**

ID NUMBER:	**TX205983**
STATE ID :	**65-21-2**
OWNER NAME:	**ST. JOHN'S SCHOOL**
DATE DRILLED:	**01/31/1997**
DEPTH DRILLED:	**510'**
STATIC LEVEL:	**219'**
WATER USAGE:	**IRRIGATION**
LONGITUDE:	**-95.428943000**
LATITUDE:	**29.742656000**

1 PAGE(S) OF DRILLERS' LOGS

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) [sketch] 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

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

WATER UTILITY DATABASE (WUD)

MAP ID# 423 **Distance from Property: 4.99 mi. NW**

PWSID:	**1010013**
SOURCE ID:	**G1010013R**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**06/00/1949**
SCREEN BOTTOM:	**1,860.00'**
SCREEN TOP:	**640.00'**
GALLONS PER MINUTE:	**1,621**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.402412410**
LATITUDE:	**29.825569150**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM (NWIS)

MAP ID# 423 **Distance from Property: 4.99 mi. NW**

REPORTING AGENCY: **US GEOLOGICAL SURVEY**
SITE NUMBER: **294931095240801**
STATION NAME: **LJ-65-13-601**
SITE TYPE: **GW**
LATITUDE: **29.825553000** LONGITUDE: **-95.402253000**
DATE DRILLED: **05/19/1949**
WELL DEPTH: **1880 feet**
HOLE DEPTH: **NOT REPORTED**
LOCAL AQUIFER: **EVANGELINE AQUIFER**

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 423 **Distance from Property: 4.99 mi. NW**

STATE ID:	**65-13-601**
OWNER'S NAME:	**CITY OF HOUSTON HEIGHTS #10**
DATE DRILLED:	**05/19/1949**
DEPTH DRILLED:	**1880'**
WATER USAGE:	**PUBLIC SUPPLY**
LONGITUDE:	**-95.402253000**
LATITUDE:	**29.825553000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/6513601/6513601.pdf**

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 Nafzel & Gabrysch 1961 — Source of data F:lc — Date 2-15-68 — Map Houston Heights 1955 1:24000

State Texas (48) — County (or town) Harris (LJ)

Latitude: 29 49 31 N — Longitude: 095 24 08 — Sequential number: 1

Lat-long accuracy: 1 — T. ___ S, R ___ W, Sec ___, ___, ___, ___

Local well number: LJ-65-13-6011 — 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, (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, (F) Fire, (H) Dom, (I) Irr, (M) 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 Rec, (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.: 1949 — Annual — S — Field aquifer char. ___

Byd. lab. data: ___

Qual. water data; type: ___

Freq. sampling: 7-3-49 — A — Pumpage inventory: yes / no; period: ___

Aperture cards: ___ yes

Log data: E-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, (Φ) open end, (P) perf., screen, sd. pt., (S) 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, (Z) other — H

Date Drilled: 5-19-49 — 9 4 9 — Pump intake setting: ___ ft

Driller: Texas Water Wells, Inc. (name) — Houston, Texas (address)

Lift (type): (A) air, (B) bucket, cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, submerg, (S) turb, (T) other — T — Deep D / Shallow

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 — 7 4 9 — Yield: 1540 gpm — 1540 — 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 10⁶ — 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 27 d 49 m 31 s N 095 d 24 m 08 s W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1-19) Physiographic Province: Coastal Plain (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, (Q) 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 (60-62) Source of data: _____ (64)

Depth to basement: _____ ft (45-46) 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)

* 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

Drill stem test from;

955-1009' - Cl - 36 ppm

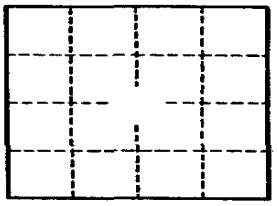
2541-2586' - Cl - 1340 ppm

2323-2380' - Cl - 148 ppm

Csg.

24" 0-575'

12" 468-1880



Well No. LJ-65-13-601

GPO 857-700

(11-74) Water Resources Division Austin, Texas

020968

Latitude ° ' " 29 49 31 | Longitude ° ' " 095 24 08 | Seq. No. 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				
Strep-tococci	31673				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

(11-74)

UNITED STATES DEPARTMENT OF THE INTERIOR
Water Resources Division
Austin, Texas

Latitude ° ' " 2949 31 | Longitude ° ' " 0952 40 | Seq. No. 01

County code 201 County Harris

Well # LJ-65-13-601

Project number 4443-01000

Date 2-4-76 Time — Temp °C 25.5

Owner City of Houston

Address Heights #10

Date drld — WBF code 121 EVGL

Sample interval: (top) 600 (bottom) 1860

Water level — Appr cl/cyl Use PS

Collector Wetzel Yield — GPM

Smpld aftr pmpg Quarrier 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 | Station identification number 29493160952408 01

Y 76 M 02 D 04 Begin

Time of measurement

	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	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		45
Sulfate (SO_4)	00945	1500	02		15
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

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 121EVCL

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 2949310952408011 (2–16)

Begin: Y 75 M 02 D 03 (17–22)

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		47
Sulfate (SO_4)	00945	1300	02		13
Color	00080				
Coliform, membrane filter	31501				
Coliform, fecal	31616				
Strep-tococci	31679				
BOD	00310				

Water Resources Data Section
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 T-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 Close 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: 29 49 31 095 24 08 (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				
Strep-tococci	31679				
BOD	00310				

HARRIS GALVESTON SUBSIDENCE DISTRICT WATER WELLS (HGSD)

MAP ID# 424 **Distance from Property: 4.99 mi. WSW**

WELL ID:	**5717**
OWNERS NAME:	**ST. JOHNS SCHOOL**
YEAR DRILLED:	**1997**
DEPTH DRILLED:	**500'**
STATIC LEVEL:	**450'**
WATER USAGE:	**OTHER**
WELL STATUS:	**ACTIVE**
LONGITUDE:	**-95.428207000**
LATITUDE:	**29.740255000**
SOURCE:	**HGSD**

MAP ID# 425 **Distance from Property: 5.00 mi. SW**

TRACK #: **222666**
DATE ENTERED: **2010-07-09**
OWNER NAME: **TMH**
OWNER ADDRESS: **6565 FANNIN**
HOUSTON, TX 77030
COUNTY: **HARRIS**
LATITUDE: **29.709445000** LONGITUDE: **-95.400556000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=222666&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2010-06-16**
DRILLING DATE (COMPLETED): **2010-06-23**
DEPTH DRILLED: **544'**

WATER LEVEL:
STATIC LEVEL: **190'**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
INDUSTRIAL
COMPANY INFORMATION:
COMPANY NAME: **O'DAY DRILLING COMPANY, INC**
COMPANY ADDRESS: **5923 CR 931**
ROSHARON, TX 77583

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 426 **Distance from Property: 5.00 mi. WSW**

ID NUMBER:	**TX205998**
STATE ID :	**65-21-2**
OWNER NAME:	**ARCTIC AIR WARD HAGGARD**
DATE DRILLED:	**08/07/1988**
DEPTH DRILLED:	**240'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**LOOPS**
LONGITUDE:	**-95.430627000**
LATITUDE:	**29.745930000**

1 PAGE(S) OF DRILLERS' LOGS

57 HARRIS

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 Artic Air Ward Haggard (Name) Address 3413 Piping Rock (Street or RFD) Houston (City) Texas (State) (Zip)

2) LOCATION OF WELL: County ~~Harris~~ Harris in ____ miles in Houston (N.E., S.W., etc.) direction from River Oaks (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 65-14-3

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

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

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

6) WELL LOG:
Date Drilling: Started 8-22 1988 Completed 8-7 1988

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
4	Surface	240

From (ft.)	To (ft.)	Description and color of formation material
0	8	brown clay
8	55	white clay
55	130	red clay
130	225	brown clay
225	240	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
3/4	N	PE	240	2	11

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 240 ft. to 2 ft. No. of Sacks Used 4
____ ft. to ____ ft. No. of Sacks Used ____
Method used thru drill pipe
Cemented by Raymond McPike

13 TONS - HOLES

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 18 1988
TEXAS WATER COMMISSION

11) WATER LEVEL:
Static level ____ ft. below land surface Date ____
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.

(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 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 Holly Water Wells (Type or Print) Water Well Driller's License No. 2026

ADDRESS 607 Hwy 19 (Street or RFD) Huntsville, Texas 77340 (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. 65-21-2 Located on map ____

WWD-012 (Rev.01-28-87) TEXAS WATER COMMISSION COPY

NWIS United States Geological Survey National Water Information System

VERSION DATE: 1/2020

The U.S. Geological Survey (USGS) National Water Information System (NWIS) includes water inventory data originating from all 50 states, plus border and territorial sites, including data from as early as 1899. This database includes selected site types limited to Groundwater Sites and Spring Sites from the 1.5 million plus sites within NWIS. Surface-Water, Atmospheric, and Other Site types are excluded. Disclaimer: Water Data for the Nation is the USGS public web interface to much of the data stored and managed within NWIS. It is not, however, configured to present all NWIS data and users may need to contact local Water Science Centers to obtain some information. NWIS data is updated on a regularly scheduled basis, and current condition data is generally updated upon receipt at local Water Science Centers.

SSDRD Select Submitted Drillers Report Database Wells

VERSION DATE: 11/2020

This Texas Water Development Board database was created from the online Texas Well Report Submission and Retrieval System (a cooperative TDLR, TWDB system) that registered water-well drillers use to submit their required reports. The system was started in February 2001 and is optional for the drillers to use. This data excludes the following well types: Monitor Wells, Environmental Soil Borings, Injections Wells, De-watering and Test Wells.

TCEQ Texas Commission on Environmental Quality Water Wells

VERSION DATE: NR

The Texas Commission on Environmental Quality (TCEQ) maintains a filing system of plotted and unnumbered water wells. Plotted water wells are filed according to the County indicated by the driller and the state well number assigned by State of Texas personnel. Given the available location information provided by the driller, personnel identify where the approximate well location should be. After well placement a state well number is assigned indicating that the well lies within a specific 2.5' section of a 7.5' quadrangle. This method allows for quicker, more refined, reference when researching a specific area. Unnumbered water wells have not been assigned a state well number. This can occur for a variety of reasons; however it does not mean the well cannot be accurately spotted. Unnumbered water well records are filed according to County and are often broken up by year or by a span of years.

TWDB Texas Water Development Board Groundwater Database

VERSION DATE: 11/2020

The Texas Water Development Board Groundwater Database contains information for more than 123,500 sites in Texas including data on water wells, springs, oil/gas tests, water levels, and water quality. The purpose of the Board's data collection effort over the years has been to gain representative information about aquifers in the state in order to do water planning. It is very important, however, to realize that the wells in the database represent only a small percentage of the wells that actually exist in Texas. A registered water well driller is required by law to send in a report to the State for every well that is drilled. This requirement began in 1965, and we estimate that approximately 500,000 wells have been drilled in Texas since then. Of the 1,000,000 plus water wells drilled in Texas over the past 100 years, more than 130,000 have been inventoried and placed into the TWDB groundwater database. State well numbers have been assigned to these based on their location within numbered 7 1/2 minute quadrangles formed by lines of latitude and longitude. This database contains well information including location, depth, well type, owner, driller, construction and completion data.

WUD Water Utility Database

VERSION DATE: NR

The Water Utility Database is defined as a collection of data from Texas Water Districts, Public

Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ. This database is an integrated database designed and developed to replace over 160 stand alone legacy systems representing over 5 million records of the former Texas Water Commission and the Texas Department of Health.

HGSD Harris Galveston Subsidence District Water Wells

VERSION DATE: 9/2020

The Harris-Galveston Subsidence District (HGSD) was created by the 64th Texas Legislature as an underground water conservation district in 1975 to provide regulation of groundwater withdrawal to control subsidence.

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 at 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

The above mentioned entities will be provided notice as required by section 361.805 of the Texas Health and Safety Code approximately 30 days prior to the public meeting.

Included in this section is the Water Utility Database Report.

GeoSearch

On time. On target. In touch.™

Water Utility Database (WUD) Report of Groundwater Wells

Target Property:

Vacant Commercial Property
1702 Nance St
Houston, Harris County, Texas 77020

Prepared For:

InControl Technologies

Order #: 160112
Job #: 393287
Project #: E20011-101-T6
Date: 02/08/2021

phone: 888-396-0042 · fax: 512-472-9967 · www.geo-search.com

TARGET PROPERTY SUMMARY

Vacant Commercial Property
1702 Nance St
Houston, Harris County, Texas 77020

USGS Quadrangle: ***Settegast, TX***
Target Property Geometry: ***Area***

Target Property Longitude(s)/Latitude(s):
(-95.350671, 29.768524), (-95.350695, 29.768247), (-95.350837, 29.768245), (-95.350843, 29.768526), (-95.351170, 29.768524), (-95.351159, 29.767651), (-95.350851, 29.767653), (-95.350852, 29.767703), (-95.350703, 29.767705), (-95.350649, 29.768203), (-95.350625, 29.768519), (-95.350671, 29.768524)

County/Parish Covered:
Harris (TX)

Zipcode(s) Covered:
Houston TX: 77002, 77003, 77004, 77005, 77006, 77007, 77008, 77009, 77010, 77011, 77012, 77013, 77016, 77018, 77019, 77020, 77021, 77022, 77023, 77024, 77026, 77027, 77028, 77029, 77030, 77054, 77087, 77093, 77098, 77204

State(s) Covered:
TX

Disclaimer - The information provided in this report was obtained from a variety of public sources. GeoSearch cannot ensure and makes no warranty or representation as to the accuracy, reliability, quality, errors occurring from data conversion or the customer's interpretation of this report. This report was made by GeoSearch for exclusive use by its clients only. Therefore, this report may not contain sufficient information for other purposes or parties. GeoSearch and its partners, employees, officers and independent contractors cannot be held liable for actual, incidental, consequential, special or exemplary damages suffered by a customer resulting directly or indirectly from any information provided by GeoSearch.

DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA-TABLE	UNLOCA-TABLE	SEARCH RADIUS (miles)
STATE (TX)				
WATER UTILITY DATABASE	WUD	67	0	5.0000
SUB-TOTAL		**67**	**0**	
TOTAL		**67**	**0**	

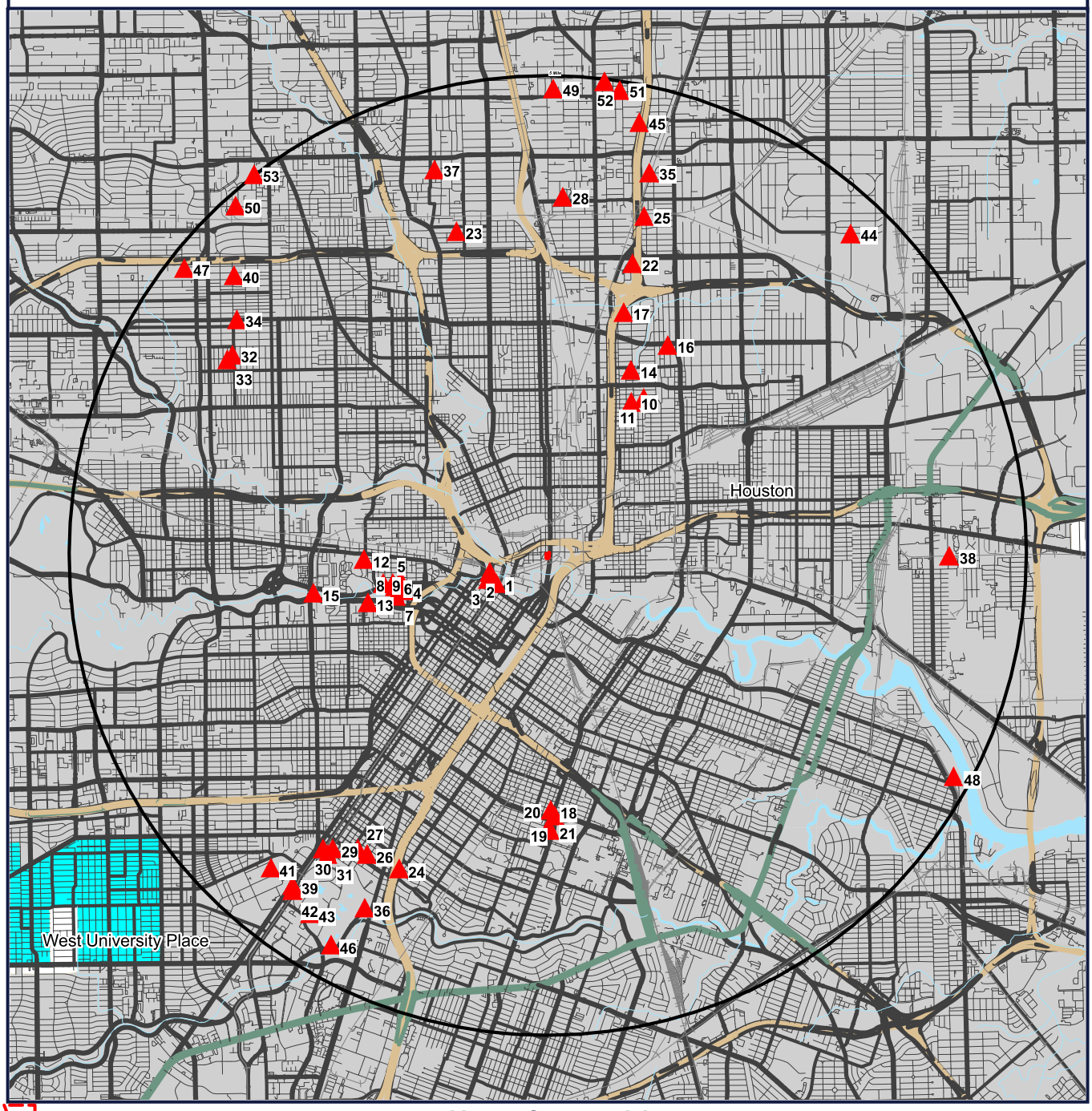
LOCATABLE DATABASE FINDINGS

ACRONYM	SEARCH RADIUS (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
STATE (TX)								
WUD	5.000	0	0	0	0	3	64	67
SUB-TOTAL		**0**	**0**	**0**	**0**	**3**	**64**	**67**

TOTAL		**0**	**0**	**0**	**0**	**3**	**64**	**67**

NOTES:
NS = NOT SEARCHED
TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

WATER UTILITY DATABASE (WUD) SITE MAP



Target Property (TP)

WUD

Vacant Commercial Property
1702 Nance St
Houston, Texas
77020

N
W E
S

0' 4250' 8500' 12750'

SCALE: 1" = 8500'

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
1	WUD	2602655732	0.598 WSW	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	1
2	WUD	3573514010	0.616 WSW	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	2
3	WUD	1148875365	0.657 WSW	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	3
4	WUD	1191309942	1.535 WSW	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	4
5	WUD	3614542300	1.549 W	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	5
6	WUD	492865823	1.620 W	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	6
7	WUD	512874493	1.630 WSW	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	7
8	WUD	3833150346	1.634 W	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	8
9	WUD	1095254697	1.733 W	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	9
10	WUD	317067665	1.778 NNE	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	10
11	WUD	3391440784	1.879 NE	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	11
12	WUD	513085864	1.914 W	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	12
13	WUD	3485831175	1.936 WSW	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	13
14	WUD	2851594561	2.072 NNE	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	14
15	WUD	3350488967	2.470 W	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	15
16	WUD	1500149105	2.484 NNE	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	16
16	WUD	1534426626	2.484 NNE	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	17
17	WUD	2759768148	2.616 NNE	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	18
18	WUD	1465832970	2.659 S	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	19
18	WUD	2236941801	2.659 S	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	20
18	WUD	1474659272	2.659 S	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	21
19	WUD	2068259454	2.721 S	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	22
20	WUD	4153460406	2.855 S	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	23
20	WUD	2133745824	2.835 S	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	24
21	WUD	3189453145	2.874 S	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	25
22	WUD	843543329	3.131 NNE	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	26
23	WUD	2261811890	3.472 NNW	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	27
24	WUD	1339026558	3.622 SSW	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	28
25	WUD	2791506894	3.642 NNE	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	29

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
26	WUD	3722622033	3.643 SW	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	30
27	WUD	3205350702	3.647 SW	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	31
28	WUD	798316944	3.709 N	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	32
29	WUD	3760387295	3.799 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	33
30	WUD	3220922763	3.858 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	34
30	WUD	932202874	3.858 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	35
31	WUD	554435248	3.875 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	36
32	WUD	2969749797	3.880 WNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	37
33	WUD	3473894818	3.896 WNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	38
34	WUD	4092353616	4.049 WNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	39
34	WUD	1010352421	4.049 WNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	40
34	WUD	2316027359	4.049 WNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	41
34	WUD	593436693	4.049 WNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	42
34	WUD	1215288305	4.049 WNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	43
34	WUD	467956077	4.049 WNW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	44
35	WUD	2081548187	4.099 NNE	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	45
36	WUD	1247975889	4.147 SSW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	46
37	WUD	1880799342	4.164 NNW	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	47
38	WUD	2866093483	4.190 E	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	48
39	WUD	2044582600	4.341 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	49
39	WUD	3296048290	4.356 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	50
40	WUD	3168561309	4.361 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	51
40	WUD	820301292	4.361 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	52
41	WUD	2798585179	4.361 SW	RICE UNIVERSITY	PO BOX 1892	HOUSTON, 77251	53
42	WUD	2900996235	4.401 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	54
43	WUD	36491390	4.490 SW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	55
44	WUD	1056721706	4.583 NE	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	56
45	WUD	1225357151	4.585 NNE	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	57
46	WUD	1197723061	4.657 SSW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	58
47	WUD	3930994057	4.808 NW	CITY OF HOUSTON	HARRIS COUNTY	HOUSTON, 77008	59

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
47	WUD	1701238112	4.808 NW	CITY OF HOUSTON	HARRIS COUNTY	HOUSTON, 77008	60
47	WUD	755924119	4.808 NW	CITY OF HOUSTON	HARRIS COUNTY	HOUSTON, 77008	61
48	WUD	2982631298	4.833 ESE	CITY OF HOUSTON	PO BOX 1552	HOUSTON, 77251	62
49	WUD	4207767890	4.839 N	CITY OF HOUSTON	HARRIS COUNTY	HOUSTON, 77093	63
50	WUD	4087253783	4.863 NW	CITY OF HOUSTON	PO BOX 1562	HOUSTON, 77251	64
51	WUD	3031054240	4.880 N	CITY OF HOUSTON	HARRIS COUNTY	HOUSTON, 77093	65
52	WUD	1165274282	4.950 N	CITY OF HOUSTON	HARRIS COUNTY	HOUSTON, 77093	66
53	WUD	974551907	4.991 NW	CITY OF HOUSTON	HARRIS COUNTY	HOUSTON, 77018	67

WATER UTILITY DATABASE (WUD)

MAP ID# 1 **Distance from Property: 0.60 mi. WSW**

PWSID:	**1010013**
SOURCE ID:	**G1010013GR**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1925**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.359725950**
LATITUDE:	**29.763334270**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 2 **Distance from Property: 0.62 mi. WSW**

PWSID:	**1010013**
SOURCE ID:	**G1010013GS**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1925**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.360832210**
LATITUDE:	**29.764999390**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 3 **Distance from Property: 0.66 mi. WSW**

PWSID:	**1010013**
SOURCE ID:	**G1010013GT**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**08/28/1945**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.361114500**
LATITUDE:	**29.763889310**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 4 **Distance from Property: 1.54 mi. WSW**

PWSID:	**1010013**
SOURCE ID:	**G1010013GQ**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1935**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.375831600**
LATITUDE:	**29.762222290**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 5 **Distance from Property: 1.55 mi. W**

PWSID:	**1010013**
SOURCE ID:	**G1010013GM**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1927**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.376388550**
LATITUDE:	**29.763610840**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 6 **Distance from Property: 1.62 mi. W**

PWSID:	**1010013**
SOURCE ID:	**G1010013N**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**02/04/1957**
SCREEN BOTTOM:	**1,990.00'**
SCREEN TOP:	**747.00'**
GALLONS PER MINUTE:	**1,840**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.377441410**
LATITUDE:	**29.762630460**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 7 **Distance from Property: 1.63 mi. WSW**

PWSID:	**1010013**
SOURCE ID:	**G1010013GO**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1927**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.377220150**
LATITUDE:	**29.761388780**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 8 **Distance from Property: 1.63 mi. W**

PWSID:	**1010013**
SOURCE ID:	**G1010013GP**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1935**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.377777100**
LATITUDE:	**29.763334270**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 9 **Distance from Property: 1.73 mi. W**

PWSID:	**1010013**
SOURCE ID:	**G1010013GN**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1927**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.379447940**
LATITUDE:	**29.763334270**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 10 **Distance from Property: 1.78 mi. NNE**

PWSID:	**1010013**
SOURCE ID:	**G1010013HG**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1931**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.336112980**
LATITUDE:	**29.790832520**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 11 **Distance from Property: 1.88 mi. NE**

PWSID:	**1010013**
SOURCE ID:	**G1010013HH**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1938**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.334167480**
LATITUDE:	**29.791110990**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 12 **Distance from Property: 1.91 mi. W**

PWSID:	**1010013**
SOURCE ID:	**G1010013M**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1949**
SCREEN BOTTOM:	**1,940.00'**
SCREEN TOP:	**1,015.00'**
GALLONS PER MINUTE:	**2,100**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.383058330**
LATITUDE:	**29.767083330**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 13 **Distance from Property: 1.94 mi. WSW**

PWSID:	**1010013**
SOURCE ID:	**G1010013L**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**07/15/1948**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - ABANDONED**
CCN:	**P1552**
LONGITUDE:	**-95.382774350**
LATITUDE:	**29.760278700**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 14 **Distance from Property: 2.07 mi. NNE**

PWSID:	**1010013**
SOURCE ID:	**G1010013HI**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**06/12/1944**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.336944580**
LATITUDE:	**29.796112060**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 15 **Distance from Property: 2.47 mi. W**

PWSID:	**1010013**
SOURCE ID:	**G1010013O**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**01/26/1966**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.391586300**
LATITUDE:	**29.762002940**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 16 **Distance from Property: 2.48 mi. NNE**

PWSID:	**1010013**
SOURCE ID:	**G1010013ND**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1940**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.329719540**
LATITUDE:	**29.799444200**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 16 **Distance from Property: 2.48 mi. NNE**

PWSID:	**1010013**
SOURCE ID:	**G1010013NC**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**07/00/1948**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.329719540**
LATITUDE:	**29.799444200**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 17 **Distance from Property: 2.62 mi. NNE**

PWSID:	**1010013**
SOURCE ID:	**G1010013AI**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**05/00/1949**
SCREEN BOTTOM:	**2,060.00'**
SCREEN TOP:	**1,030.00'**
GALLONS PER MINUTE:	**2,000**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.337745670**
LATITUDE:	**29.804645540**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 18 **Distance from Property: 2.66 mi. S**

PWSID:	**1010013**
SOURCE ID:	**G1010013HK**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1926**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.350830080**
LATITUDE:	**29.728889470**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 18 **Distance from Property: 2.66 mi. S**

PWSID:	**1010013**
SOURCE ID:	**G1010013HO**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1963**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.350555420**
LATITUDE:	**29.728889470**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 18 **Distance from Property: 2.66 mi. S**

PWSID:	**1010013**
SOURCE ID:	**G1010013HJ**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1925**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.350280760**
LATITUDE:	**29.728889470**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 19 **Distance from Property: 2.72 mi. S**

PWSID:	**1010013**
SOURCE ID:	**G1010013HN**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**11/12/1938**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.349441530**
LATITUDE:	**29.728055950**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 20 **Distance from Property: 2.85 mi. S**

PWSID:	**1010013**
SOURCE ID:	**G1010013HM**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1931**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.350280760**
LATITUDE:	**29.726110460**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 20 **Distance from Property: 2.84 mi. S**

PWSID:	**1010013**
SOURCE ID:	**G1010013HL**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1928**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.350555420**
LATITUDE:	**29.726388930**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 21 **Distance from Property: 2.87 mi. S**

PWSID:	**1010013**
SOURCE ID:	**G1010013AQ**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**12/29/1962**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - ABANDONED**
CCN:	**P1552**
LONGITUDE:	**-95.350280760**
LATITUDE:	**29.725833890**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 22 **Distance from Property: 3.13 mi. NNE**

PWSID:	**1010013**
SOURCE ID:	**G1010013AJ**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**05/00/1949**
SCREEN BOTTOM:	**1,960.00'**
SCREEN TOP:	**1,060.00'**
GALLONS PER MINUTE:	**1,900**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.336196900**
LATITUDE:	**29.812007900**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 23 **Distance from Property: 3.47 mi. NNW**

PWSID:	**1010013**
SOURCE ID:	**G1010013OG**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1938**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.366668700**
LATITUDE:	**29.816667560**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 24 **Distance from Property: 3.62 mi. SSW**

PWSID:	**1010013**
SOURCE ID:	**G1010013HU**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**07/24/1935**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.376663210**
LATITUDE:	**29.719999310**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 25 **Distance from Property: 3.64 mi. NNE**

PWSID:	**1010013**
SOURCE ID:	**G1010013AK**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**12/00/1949**
SCREEN BOTTOM:	**1,698.00'**
SCREEN TOP:	**1,058.00'**
GALLONS PER MINUTE:	**2,200**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.334136960**
LATITUDE:	**29.819156650**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 26 **Distance from Property: 3.64 mi. SW**

PWSID:	**1010013**
SOURCE ID:	**G1010013HW**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1962**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.382225040**
LATITUDE:	**29.722221370**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 27 **Distance from Property: 3.65 mi. SW**

PWSID:	**1010013**
SOURCE ID:	**G1010013HQ**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1917**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.383888240**
LATITUDE:	**29.723054890**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 28 **Distance from Property: 3.71 mi. N**

PWSID:	**1010013**
SOURCE ID:	**G1010013MX**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**05/00/1945**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.348052980**
LATITUDE:	**29.821945190**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 29 **Distance from Property: 3.80 mi. SW**

PWSID:	**1010013**
SOURCE ID:	**G1010013HS**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1919**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.388336180**
LATITUDE:	**29.723054890**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 30 **Distance from Property: 3.86 mi. SW**

PWSID:	**1010013**
SOURCE ID:	**G1010013HR**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1919**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.389999390**
LATITUDE:	**29.723054890**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 30 **Distance from Property: 3.86 mi. SW**

PWSID:	**1010013**
SOURCE ID:	**G1010013HP**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**03/00/1917**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.389999390**
LATITUDE:	**29.723054890**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 31 **Distance from Property: 3.87 mi. SW**

PWSID:	**1010013**
SOURCE ID:	**G1010013HT**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1931**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.389167790**
LATITUDE:	**29.722221370**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 32 **Distance from Property: 3.88 mi. WNW**

PWSID:	**1010013**
SOURCE ID:	**G1010013Q**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**09/00/1979**
SCREEN BOTTOM:	**1,450.00'**
SCREEN TOP:	**700.00'**
GALLONS PER MINUTE:	**2,010**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.405929570**
LATITUDE:	**29.798229220**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 33 **Distance from Property: 3.90 mi. WNW**

PWSID:	**1010013**
SOURCE ID:	**G1010013GY**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1936**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.406669620**
LATITUDE:	**29.797222140**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 34 **Distance from Property: 4.05 mi. WNW**

PWSID:	**1010013**
SOURCE ID:	**G1010013GW**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**07/21/1931**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.404441830**
LATITUDE:	**29.803611760**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 34 **Distance from Property: 4.05 mi. WNW**

PWSID:	**1010013**
SOURCE ID:	**G1010013GU**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**03/05/1923**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.405555730**
LATITUDE:	**29.802778240**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 34 **Distance from Property: 4.05 mi. WNW**

PWSID:	**1010013**
SOURCE ID:	**G1010013GV**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1924**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.405555730**
LATITUDE:	**29.802778240**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 34 **Distance from Property: 4.05 mi. WNW**

PWSID:	**1010013**
SOURCE ID:	**G1010013GZ**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1938**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.404441830**
LATITUDE:	**29.802778240**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 34 **Distance from Property: 4.05 mi. WNW**

PWSID:	**1010013**
SOURCE ID:	**G1010013HE**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1965**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.405555730**
LATITUDE:	**29.803611760**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 34 **Distance from Property: 4.05 mi. WNW**

PWSID:	**1010013**
SOURCE ID:	**G1010013X**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**04/00/1962**
SCREEN BOTTOM:	**1,844.00'**
SCREEN TOP:	**604.00'**
GALLONS PER MINUTE:	**1,447**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.406814580**
LATITUDE:	**29.804683690**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 35 **Distance from Property: 4.10 mi. NNE**

PWSID:	**1010013**
SOURCE ID:	**G1010013AL**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**10/25/1949**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.333335880**
LATITUDE:	**29.825834270**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 36 **Distance from Property: 4.15 mi. SSW**

PWSID:	**1010013**
SOURCE ID:	**G1010013AX**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1953**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.382911680**
LATITUDE:	**29.714330670**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 37 **Distance from Property: 4.16 mi. NNW**

PWSID:	**1010013**
SOURCE ID:	**G1010013OH**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**05/00/1941**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.370552060**
LATITUDE:	**29.826110840**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 38 **Distance from Property: 4.19 mi. E**

PWSID:	**1010013**
SOURCE ID:	**G1010013OO**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1946**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.280555730**
LATITUDE:	**29.767499920**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 39 **Distance from Property: 4.34 mi. SW**

PWSID:	**1010013**
SOURCE ID:	**G1010013HY**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**04/00/1965**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.395278930**
LATITUDE:	**29.717777250**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 39 **Distance from Property: 4.36 mi. SW**

PWSID:	**1010013**
SOURCE ID:	**G1010013HX**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.395278930**
LATITUDE:	**29.717500690**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 40 **Distance from Property: 4.36 mi. NW**

PWSID:	**1010013**
SOURCE ID:	**G1010013P**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**03/00/1982**
SCREEN BOTTOM:	**1,231.00'**
SCREEN TOP:	**668.00'**
GALLONS PER MINUTE:	**2,219**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.405769350**
LATITUDE:	**29.810289380**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 40 **Distance from Property: 4.36 mi. NW**

PWSID:	**1010013**
SOURCE ID:	**G1010013GX**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**09/18/1936**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.405555730**
LATITUDE:	**29.809722900**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 41 **Distance from Property: 4.36 mi. SW**

PWSID:	**1010908**
SOURCE ID:	**G1010908A**
UTILITY NAME:	**RICE UNIVERSITY**
DATE DRILLED:	**09/02/1969**
SCREEN BOTTOM:	**1,629.88'**
SCREEN TOP:	**1,339.53'**
GALLONS PER MINUTE:	**220**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**ACTIVE - PERMANENT**
CCN:	**NOT APPLICABLE**
LONGITUDE:	**-95.400020000**
LATITUDE:	**29.721160000**
OWNER'S NAME:	**RICE UNIVERSITY**
ADDRESS:	**PO BOX 1892**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1892**

WATER UTILITY DATABASE (WUD)

MAP ID# 42 **Distance from Property: 4.40 mi. SW**

PWSID:	**1010013**
SOURCE ID:	**G1010013HV**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**08/16/1944**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.395278930**
LATITUDE:	**29.716667180**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

MAP ID# 43 **Distance from Property: 4.49 mi. SW**

PWSID:	**1010013**
SOURCE ID:	**G1010013BA**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**07/00/1973**
SCREEN BOTTOM:	**1,638.00'**
SCREEN TOP:	**888.00'**
GALLONS PER MINUTE:	**2,017**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.393363950**
LATITUDE:	**29.713407520**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 44 **Distance from Property: 4.58 mi. NE**

PWSID:	**1010013**
SOURCE ID:	**G1010013MW**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1950**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.297775270**
LATITUDE:	**29.816389080**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 45 **Distance from Property: 4.58 mi. NNE**

PWSID:	**1010013**
SOURCE ID:	**G1010013AM**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**12/07/1949**
SCREEN BOTTOM:	**1,846.00'**
SCREEN TOP:	**1,020.00'**
GALLONS PER MINUTE:	**1,500**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.334938050**
LATITUDE:	**29.833463670**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 46 **Distance from Property: 4.66 mi. SSW**

PWSID:	**1010013**
SOURCE ID:	**G1010013AZ**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**01/25/1958**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.389297490**
LATITUDE:	**29.708490370**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 47 **Distance from Property: 4.81 mi. NW**

PWSID:	**1010013**
SOURCE ID:	**G1010013LW**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**10/00/1940**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**99144**
LONGITUDE:	**-95.414169310**
LATITUDE:	**29.811111450**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 47 **Distance from Property: 4.81 mi. NW**

PWSID:	**1010013**
SOURCE ID:	**G1010013LX**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1939**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**99144**
LONGITUDE:	**-95.414169310**
LATITUDE:	**29.811111450**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 47 **Distance from Property: 4.81 mi. NW**

PWSID:	**1010013**
SOURCE ID:	**G1010013LV**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1937**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**99144**
LONGITUDE:	**-95.414169310**
LATITUDE:	**29.811111450**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 48 **Distance from Property: 4.83 mi. ESE**

PWSID:	**1010013**
SOURCE ID:	**G1010013LI**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.279998780**
LATITUDE:	**29.734167100**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

MAP ID# 49 **Distance from Property: 4.84 mi. N**

PWSID:	**1010013**
SOURCE ID:	**G1010013NA**
UTILITY NAME:	**NOT REPORTED**
DATE DRILLED:	**05/00/1947**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**NOT REPORTED**
WATER USAGE:	**NOT REPORTED**
CCN:	**NOT APPLICABLE**
LONGITUDE:	**-95.349723820**
LATITUDE:	**29.838333130**

OWNER'S NAME:

ADDRESS:

CITY: STATE: **TX** ZIP CODE:

WATER UTILITY DATABASE (WUD)

MAP ID# 50 **Distance from Property: 4.86 mi. NW**

PWSID:	**1010013**
SOURCE ID:	**G1010013HA**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**00/00/1949**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**P1552**
LONGITUDE:	**-95.405281070**
LATITUDE:	**29.820554730**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WATER UTILITY DATABASE (WUD)

MAP ID# 51 **Distance from Property: 4.88 mi. N**

PWSID:	**1010013**
SOURCE ID:	**G1010013NS**
UTILITY NAME:	**NOT REPORTED**
DATE DRILLED:	
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**NOT REPORTED**
WATER USAGE:	**NOT REPORTED**
CCN:	**NOT APPLICABLE**
LONGITUDE:	**-95.338333130**
LATITUDE:	**29.838333130**

OWNER'S NAME:

ADDRESS:

CITY: STATE: **TX** ZIP CODE:

WATER UTILITY DATABASE (WUD)

MAP ID# 52 **Distance from Property: 4.95 mi. N**

PWSID:	**1010013**
SOURCE ID:	**G1010013NB**
UTILITY NAME:	**NOT REPORTED**
DATE DRILLED:	**01/00/1949**
SCREEN BOTTOM:	**0.00'**
SCREEN TOP:	**0.00'**
GALLONS PER MINUTE:	**NOT REPORTED**
WELL STATUS:	**NOT REPORTED**
WATER USAGE:	**NOT REPORTED**
CCN:	**NOT APPLICABLE**
LONGITUDE:	**-95.340835570**
LATITUDE:	**29.839445110**

OWNER'S NAME:

ADDRESS:

CITY: STATE: **TX** ZIP CODE:

WATER UTILITY DATABASE (WUD)

MAP ID# 53 **Distance from Property: 4.99 mi. NW**

PWSID:	**1010013**
SOURCE ID:	**G1010013R**
UTILITY NAME:	**CITY OF HOUSTON**
DATE DRILLED:	**06/00/1949**
SCREEN BOTTOM:	**1,860.00'**
SCREEN TOP:	**640.00'**
GALLONS PER MINUTE:	**1,621**
WELL STATUS:	**ACTIVE**
WATER USAGE:	**INACTIVE - PLUGGED**
CCN:	**99144**
LONGITUDE:	**-95.402412410**
LATITUDE:	**29.825569150**
OWNER'S NAME:	**CITY OF HOUSTON**
ADDRESS:	**PO BOX 1562**
CITY:	**HOUSTON** STATE: **TX** ZIP CODE: **77251-1562**

WUD Water Utility Database

VERSION DATE: NR

The Water Utility Database is defined as a collection of data from Texas Water Districts, Public Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ. This database is an integrated database designed and developed to replace over 160 stand alone legacy systems representing over 5 million records of the former Texas Water Commission and the Texas Department of Health.

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.

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.

There are no municipalities, other than the City of Houston, who operate any groundwater supply wells within five miles of the subject property.

Notice will be provided, as required, by section 361.805 of the Texas Health and Safety Code approximately 30 days prior to the public meeting.

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: Depending on the location of your site, 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).

Attached is a listing of real property owners within 2,500 feet of designated property boundary. This list is also included on the CD as part of Appendix Y.

Super Neighborhood:
Downtown

Civic Groups:
Model Neighborhood Improvement Club
Sarah Williams
1819 Semmes
Houston, TX 77026

Kennedy Place Resident Council
Mereline Harrison
500 Meadow, #107
Houston, TX 77020

AC Allen Addition
No Address on File

Second Ward Residence Association
Paul Meza
123 Christensen
Houston, TX 77003

Second Ward Association
Julian Cortinas
PO Box 230397
Houston, TX 77223

Appendix T
Real Property Owners Mailing List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
0230480000006	1020 WEST STREET LLC	3275 E LEAGUE CITY PKWY STE 250	LEAGUE CITY	TX	77573-
0270970000005	12 3 BUFFALO BAYOU LP	PO BOX 271441	HOUSTON	TX	77277-1441
0400100000034	1302 CONTI LLC C/O ARTHUR DONNELLY	919 MILAM ST STE 1900	HOUSTON	TX	77002-5382
0031630000004	1510 GENTRY PROPERTIES LC	2121 SAGE RD STE 235	HOUSTON	TX	77056-4341
0211390000034	3204 LYONS AVENUE LLC	2634 BEVIS ST	HOUSTON	TX	77008-1754
0513680000004	4120 LYONS AVE LLC	5118 POINCIANA DR	HOUSTON	TX	77092-5623
0300950000001	713 MEDIA GROUP LLC	1310 NANCE ST UNIT E	HOUSTON	TX	77002-1171
0270520000010	901 MCKEE ST LLC	1129 W COTTAGE ST	HOUSTON	TX	77009-5207
0151920000010	A T & S F RAILROAD CO RR	900 N POLK ST RM 514	AMARILLO	TX	79107-3714
0371170000015	A T & S F RAILROAD CO UT % PROPERTY TAX DEPT	PO BOX 961089	FORT WORTH	TX	76161-0089
1332660010001	ADICKES DAVID	2409 KINGSTON ST	HOUSTON	TX	77019-6603
0620390010029	ADUBA MOSES	4706 PENINSULA GARDEN WAY	HUMBLE	TX	77396-3053
1302010010002	AGHEDO KARLA J & OSAREN	2833 CLINTON DR	HOUSTON	TX	77020-8401
1371490010001	AHG C HARDY RESIDENTIAL LP	9545 KATY FWY STE 105	HOUSTON	TX	77024-1403
1216410000013	ALDRICH JULIE B % JULIE B ALDRICH REVOCABLE TRUST	915 N SAN JACINTO ST UNIT 2G	HOUSTON	TX	77002-1239
0271320000014	ALVAREZ REYNA ISABEL	9210 SPAULDING ST	HOUSTON	TX	77016-4814
0120510000004	AMAYA LUIS ORLANDO &	709 MAJESTIC ST	HOUSTON	TX	77020-5140
1392840010001	AMBASSADOR CUSTOM HOMES	4412 NEW ORLEANS ST A	HOUSTON	TX	77020-2651
0041250000001	AMJP GROUP LLC	7715 CHIMNEY GAP	MISSOURI CITY	TX	77459-3376
0271660000008	ANB PROPERTIES LLC	PO BOX 64	SUGAR LAND	TX	77487-0064
0142120000003	ANCHEZ PALOMA Y	1612 MARY ST	HOUSTON	TX	77026-7338
0120520000004	ANDERSON H B & SONS	6702 LYONS AVE STE 1	HOUSTON	TX	77020-5100
0031350000020	ANDERSON JOHN M & TRUSTEE	6702 LYONS AVE STE 1	HOUSTON	TX	77020-5100
0120520000043	ANDERSON JOHN M & TRUSTEE	1832 FOREST HILL BLVD	HOUSTON	TX	77023-2514
0091580000004	ANDERSON LEE ARTHUR & PAULINE	1610 PANNELL ST	HOUSTON	TX	77020
0271680000005	ANDRADE REBECCA	1516 TERRY ST	HOUSTON	TX	77009-8751
0041240000004	ANDRUS BETTY L	4618 LYONS AVE	HOUSTON	TX	77020-4305
0271790000009	ANGUIANO AMALIA	1613 ELYSIAN ST	HOUSTON	TX	77026-7224
0513720010013	APV REDEVLOPMENT CORPORATION	2640 FOUNTAIN VIEW DR STE 400	HOUSTON	TX	77057-7610
0271210000005	AQUINAS COMPANIES LLC	3900 ESSEX LN STE 1200	HOUSTON	TX	77027-5486
1216410000011	ARBOLEDA FABIAN	915 N SAN JACINTO ST UNIT 2E	HOUSTON	TX	77002-1239
0271680000006	ARMENDARIZ RAMONA	1001 EUBANKS ST	HOUSTON	TX	77022-3829
0091310000001	ARMSTEAD STEVEN	4617 FARMER ST	HOUSTON	TX	77020-4330

Appendix T
Real Property Owners Mailing List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
0041240000006	ARMSTEAD STEVEN E	4619 FARMER ST	HOUSTON	TX	77020-4330
0271370000001	ARNOLD DAVID W	PO BOX 15178	HOUSTON	TX	77220-5178
0142590000023	ART & ENVIRONMENTAL ARCHITECTURE INC	1654 BONNIE BRAE ST	HOUSTON	TX	77006-5219
1361820010095	ASIAN PACIFIC TEXAS LLC	5023 WASHINGTON AVE STE 200	HOUSTON	TX	77007-5307
0523140020021	ASPERMONT LODGING LLC	4204 LYONS AVE	HOUSTON	TX	77020-2542
0513720010005	AVP REDEVELOPMENT CORPORATION	2640 FOUNTAIN VIEW DR STE 400	HOUSTON	TX	77057-7610
0270520000008	AYALA ARTEMIO & MARIA A	614 MILWAUKEE ST	HOUSTON	TX	77009-1937
0352440000038	AYELE ADDISU	6500 SANDS POINT DR APT 501	HOUSTON	TX	77074-3751
0541910000001	BAILEY DAVID D & PATRICIA % THE HOUSE OF PRAYER	21138 LILAC MEADOWS LN	RICHMOND	TX	77407-7024
0271690000006	BANUELOS JORGE DEJESUS II	5102 LAMONTE LN	HOUSTON	TX	77092-5608
0271800000001	BANUELOS JORGE J & ROSE	1608 MCKEE ST	HOUSTON	TX	77009-8746
0513590000020	BARNES ROBERT L ESTATE	4207 LYONS AVE	HOUSTON	TX	77020-2541
0142120000010	BARRON STEVEN A & KARIS L	1609 WEST ST	HOUSTON	TX	77026-7357
0620390020010	BAYOU FIFTH INVESTMENTS LLC	1520 OLIVER ST	HOUSTON	TX	77007-6035
0141770000006	BAZARSKY ROBERT M	5104 VALERIE ST	BELLAIRE	TX	77401-4916
0031630000001	BB RESIDENTIAL GROUP INC	6807 WYNNWOOD LN	HOUSTON	TX	77008-5023
0120550000046	BHALLA SHREE ENTERPRISES LLC	6015 LYNWOOD BANKS LN	HOUSTON	TX	77092-1344
0031330000006	BLACKWOOD EDD C JR & KAREN	1002 N SAN JACINTO ST	HOUSTON	TX	77002-1139
0541920000005	BLAKE THOMAS	1605 PINE CREST ST	HOUSTON	TX	77020-4611
0620390010002	BLAKE THOMAS TAFT	1605 PINE CREST ST	HOUSTON	TX	77020-4611
0010070000013	BLOCK 7 SSBB LP	PO BOX 713	CYPRESS	TX	77410-0713
0011080000014	BLOSSOM DEVELOPMENT INC	1215 GESSNER RD	HOUSTON	TX	77055-6013
0031300000001	BOARD OF REGENTS ATTN: OFFICE OF REAL ESTATE SERVICES	5000 GULF FWY BLDG 1	HOUSTON	TX	77204-8017
0031380000020	BOARD OF REGENTS THE UNIVERSITY OF HOUSTON	4211 ELGIN STE 200	HOUSTON	TX	77204-0001
0041260000005	BOWIE EDNA JOINER ESTATE OF	4803 FARMER ST	HOUSTON	TX	77020-4629
0620390020003	BRA MANAGEMENT COMPANY INC	6602 ASHTON ST	HOUSTON	TX	77091-2800
0271670000007	BRADFORD RALPH TRUST	210 HAWTHORNE ST # B	HOUSTON	TX	77006-4006
0070830000001	BRANDON WISNER PROPERTY	10700 RICHMOND AVE STE 100 C	HOUSTON	TX	77042-4912
0041220000005	BROWN CAMILLA LEE	13311 SUN CANYON CT	SUGAR LAND	TX	77498-7615
0352440000015	BROWN WILLIE H	PO BOX 451176	HOUSTON	TX	77245-1176
1361820010030	BRUCE BRIAN WAYNE	2702 EADO EDGE CT	HOUSTON	TX	77020-8444
0620390010007	BURKE MEAGHIN	5006 LYONS AVE	HOUSTON	TX	77020-4660
0400100000005	BURKE NAYLOR 1935 LLC LLOYD S BURKE CHILDRENS	PO BOX 550607	HOUSTON	TX	77255-0607

Appendix T
Real Property Owners Mailing List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
0120600000045	BURT ALFRED	5910 LYONS AVE	HOUSTON	TX	77020-4808
0513590000006	BUTLER ASBERRY B JR	4302 NEW ORLEANS ST	HOUSTON	TX	77020-2549
1246600010020	C & R2 PROPERTIES LP	1200 ROTHWELL ST	HOUSTON	TX	77002-1157
0520010000003	C BUSBY WILLIAM L	1916 PANNELL ST	HOUSTON	TX	77020-2339
0151930000001	CAL COMM LLC	2023 SEMMES ST	HOUSTON	TX	77026-6871
0541900000001	CALLAWAY KENNETH	3342 WICHITA ST	HOUSTON	TX	77004-6346
0541900000002	CALLOWAY KENNETH	5303 LYONS AVE	HOUSTON	TX	77020-4754
0142120000007	CAMPA FRANK	2310 HARRINGTON ST	HOUSTON	TX	77026-7322
0120510000042	CAN DAVID	542 KRESS ST	HOUSTON	TX	77020-4908
0371180000001	CANAL RFP LLC ET AL	4713 W LOVERS LN STE 200	DALLAS	TX	75209-3135
0513590000002	CANE RIVER GARDENS INC	4205 LYONS AVE	HOUSTON	TX	77020-
0300950000010	CARMONA GLORIA	4950 WOODWAY STE 704	HOUSTON	TX	77056-1811
0541910000003	CARRASCO SOCORRO BARRIOS	7306 TUCK ST	HOUSTON	TX	77020-7652
0271710000007	CASKEY JOHN W III	PO BOX 841927	PEARLAND	TX	77584-0027
0271790000007	CASTILLO ARCADIO & MARIA	1619 ELYSIAN ST	HOUSTON	TX	77026-7224
0541940000001	CASTON BRIDGETTE	1602 SOLO ST	HOUSTON	TX	77020-4624
0620390030019	CASTON MARTHA L	5307 FARMER ST	HOUSTON	TX	77020-4717
0513590000015	CB BUILDING BLOCKS LIMITED	3018 JIDSIE LN	HOUSTON	TX	77051-4136
0352440000036	CECILIANA GROUP LLC	16134 TALONCREST DR	HOUSTON	TX	77083-5000
0271320000013	CEDILLO ELOUISE	5023 WERNER ST	HOUSTON	TX	77022-1603
0010080000002	CENTERPOINT ENERGY HOU ELE PROPERTY TAX DEPT 38TH FLR	PO BOX 1475	HOUSTON	TX	77251-1475
0031630000013	CENTRAL CANAAN CHRISTIAN CHURCH	1712 TERRY ST	HOUSTON	TX	77009-8755
0300940000009	CHAPMAN MCKEE PROPERTIES LLC	440 LOUISIANA ST STE 1150	HOUSTON	TX	77002-1056
0422210000009	CHARTRES REALTY LLC	10201 N CENTRAL EXPRESSWAY STE 300	DALLAS	TX	75231-3401
0031630000022	CHAVEZ SANCHEZ Y	1511 COMMON ST	HOUSTON	TX	77009-8844
0520020000001	CHETLIN ALICE F & EVA B	4414 LYONS AVE STE 3	HOUSTON	TX	77020-2661
0041250000006	CHOI YIN S & MEI L	211 NINA LN	STAFFORD	TX	77477-4631
0421460000003	CHRISTIAN FELLOWSHIP MISSIONARY BAPTIST	3920 NEW ORLEANS ST	HOUSTON	TX	77020-2427
0120550000055	CHU CALVIN	16331 DEER LICK DR	HOUSTON	TX	77090-4710
0211990000004	CHURCH BAPT OLIVER	1610 JAMISON	HOUSTON	TX	77010-
0620390030002	CHURCH ST MARKS BAPTIST	106 BALDEN AVE	HOUSTON	TX	77029-4806
0513600000010	CINQUE ENTERPRISE LLC	PO BOX 1182	HOUSTON	TX	77251-1182
1307910010002	CITY LOFTS LLC	1215 GESSNER RD	HOUSTON	TX	77055-6013

Appendix T
Real Property Owners Mailing List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
0010050000020	CITY OF HOUSTON	PO BOX 1562	HOUSTON	TX	77251-1562
0620390020014	CLARK JACLYN D	3120 SAGEWOOD CT	PEARLAND	TX	77584-7128
0271170000001	CLAYCO ACADEMY SPORTS NO 1 LTD	5151 SAN FELIPE ST STE 1410	HOUSTON	TX	77056-3630
0513600000004	COLEMAN EARKER KIT	4406 NEW ORLEANS ST	HOUSTON	TX	77020-2651
0041240000010	CONVERGE DSEIGN DEVELOPMENT LLC	4601 FARMER ST	HOUSTON	TX	77020-4330
0091490000028	CORTEZ GERTRUDIS	3609 LYONS ST	HOUSTON	TX	77020
0010050000004	COUNTY OF HARRIS	PO BOX 1525	HOUSTON	TX	77251-1525
0271410000020	CR V HARDY YARDS LP % CYPRESS REAL ESTATE ADVISORS INC	1601 S MOPAC STE 175	AUSTIN	TX	78746-7092
1346680010001	CRAIG PRESLEY INCORPORATED	5601 LYONS AVE	HOUSTON	TX	77020-4729
0422100000040	CRAWFORD SCHOOL	PO BOX 1562	HOUSTON	TX	77251-1562
0091310000007	CRIMSON JAVELINA LLC	206 BIRDSALL ST	HOUSTON	TX	77007-8108
0031330000015	CRM CONATUM LLC	22119 BLACKSBURG CT	KATY	TX	77450-8034
0142120000014	CUMPUZANO MARIA C	2306 HARRINGTON ST	HOUSTON	TX	77026-7322
1216410000001	CURL ARTHUR N JR & MARY C	423 BYRNE ST	HOUSTON	TX	77009-7209
0091320000004	CURRENT OWNER	PO BOX 79003	HOUSTON	TX	77279-9003
0091320000007	CURRENT OWNER	PO BOX 66683	HOUSTON	TX	77266-6683
0120580000001	CURRENT OWNER	PO BOX 27701	HOUSTON	TX	77227-7701
0142620000020	CURRENT OWNER	3234 WESTHEIMER RD	HOUSTON	TX	77098-1000
0271670000001	CURRENT OWNER	1504 CHAPMAN ST	HOUSTON	TX	77009-8713
0271670000009	CURRENT OWNER	1511 TERRY ST	HOUSTON	TX	77009-8750
0271670000010	CURRENT OWNER	PO BOX 230442	HOUSTON	TX	77223-0442
0271680000008	CURRENT OWNER	13702 BAY FRONT DR	HOUSTON	TX	77077-1937
0271780000021	CURRENT OWNER	25107 JAYMARR CT	PORTER	TX	77365-6509
0352440000009	CURRENT OWNER	2434 COLTON HOLLOW DR	HOUSTON	TX	77067-1226
0523140020022	CURRENT OWNER	1926 ANVIL DR	HOUSTON	TX	77090-2004
0541460000007	CURRENT OWNER	9306 RODGERS RD	HOUSTON	TX	77070-2013
1216410000006	CURRENT OWNER	915 N SAN JACINTO ST UNIT 1H	HOUSTON	TX	77002-1239
1225170010001	CWS HOUSTON LOFTS LP	9606 N MOPAC EXPY STE 500	AUSTIN	TX	78759-5960
0141750000008	D & M VISION INVESTMENTS LLC	48 RIMINA WAY DR	MISSOURI CITY	TX	77459-5203
0300970000005	DAKOTA LOFTS LP	1210 W CLAY ST	HOUSTON	TX	77019-4175
0120590000055	DANG HUONG THI	4620 N SHEPHERD DR	HOUSTON	TX	77018-3316
0120590000001	DANG HUONG THI N	1475 SPRINGBROOK LN	HOUSTON	TX	77055-4301
0120590000056	DANG HUONG THI N	1475 SPRINGROCK LN	HOUSTON	TX	77055-4301

Appendix T
Real Property Owners Mailing List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
0031290000006	DARK JOSEPH R	PO BOX 980098	HOUSTON	TX	77098-0098
0230460000002	DAVIS BESSIE B	3233 PROSPECT ST	HOUSTON	TX	77004-7831
0620390010001	DAVIS ISIAH SR & MATILDA M	4902 LYONS AVE	HOUSTON	TX	77020-4662
0140800000003	DAVIS ODIE	1977 FM 1516 S	SAN ANTONIO	TX	78263-4047
0520020000002	DAVIS RONNIE B & TRACY	314 OLD SPRING LN	HOUSTON	TX	77015-2044
0271550000003	DEHOYOS RENE & LOUISE R	1314 SEMMES	HOUSTON	TX	77020-2056
0620390020022	DIAZ PEDRO JR	5608 SECLUSION DR	HOUSTON	TX	77049-3921
0142120000001	DIJK HERMAN V	7607 EHRHARDT LN	SUGAR LAND	TX	77479-3452
0140800000007	DIMENSION 5 HOLDINGS LLC	2101 PINE VALLEY DR	HOUSTON	TX	77019-3507
1501900010001	DIMENSION 5 HOLDINGS LLC	7401 MAIN ST	HOUSTON	TX	77030-4509
0211430050003	DINH BROS CO LTD	4902 TIDWELL RD	HOUSTON	TX	77016-4618
0211430050001	DINH BROTHERS CO LTD	3317 LYONS AVE	HOUSTON	TX	77020-8250
0091320000001	DIRDEN STEPHEN	PO BOX 37094	HOUSTON	TX	77237-7094
0620390010005	DORIAN BERTHA M	4916 LYONS AVE	HOUSTON	TX	77020-4662
0541940000004	DORIAN LOUIS & BERTHA M	4916 LYONS AVE	HOUSTON	TX	77020-4662
0271780000002	DURAN RIGOBERTO	223 HAHLO ST	HOUSTON	TX	77020-3017
0533190000003	DURAN STEPHEN P	6910 BONHAM ST	HOUSTON	TX	77020-5302
0513720020007	DUVISIEN RODRIGUE & ANNIDE	5611 ETTRICK DR	HOUSTON	TX	77035-4343
1361820010080	EADO EDGE COMMUNITY ASSOCIATION INC	4008 LOUETTA RD STE 256	SPRING	TX	77388-4405
0513600000003	EASELY CHIQUITA R	4434 SUMPTER ST	HOUSTON	TX	77020-2654
0120560000047	EASTBOUND PROPERTIES LP	PO BOX 550648	HOUSTON	TX	77255-0648
0271150000015	EASY STREET HOLDINGS LLC	644 BLUE CRYSTAL CREEK RD	HENDERSON	NV	89002-0929
0120530000010	EDWARDS DAVID J & ELAINE A	17602 MELLOW RIDGE DR	SPRING	TX	77379-4141
0091570000003	EHOU INVESTMENTS LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
1361820010001	ELAHMAD HASHIM NAJEM	2703 EADO EDGE CT	HOUSTON	TX	77020-8445
0141770000005	ELAN PROPERTIES LLC	PO BOX 10	HOMER CITY	PA	15748-0010
0041260000006	ELIZONDO MARY	18007 KIRK FOREST CT	HUMBLE	TX	77346-2474
0271130000001	EPSTEIN J MICHAEL % RMS LIGHTING INC	1802 NANCE ST	HOUSTON	TX	77020-5723
0120560000009	ESCARENIO VALENTINA ESTATE OF % ESTATE OF VALENTINA ESCARENIO	719 KRESS ST	HOUSTON	TX	77020-4911
0271120000001	ESTATE LAND CO	2001 COMMERCE ST STE 200	HOUSTON	TX	77002-2380
0120530000001	FAIRDALE ENTERPRISES INC	3006 FALLS AT FAIRDALE	HOUSTON	TX	77057-6131
0120540000040	FAMILY DOLLAR TEXAS LP	500 VOLVO PARKWAY	CHESAPEAKE	VA	23320-1604

Appendix T
Real Property Owners Mailing List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
0120540000043	FAMILY DOLLAR TEXAS LP	PO BOX 1017	CHARLOTTE	NC	28201-1017
0300960000001	FANG LIVING TRUST	4771 SWEETWATER BLVD # 238	SUGAR LAND	TX	77479-3121
0271160000003	FAST EQUIPMENT RENTALS C/O PATRICIA ALLISON	186 SPRING PINES DR	SPRING	TX	77386-1128
0091490000003	FENWAY DEVELOPMENT INC	1520 OLIVER ST	HOUSTON	TX	77007-6035
0270520000001	FESTIVUS LLC	PO BOX 7946	HOUSTON	TX	77270-7946
0041190000006	FIFTH WARD COMMUNITY REDEVELOPMENT CORP	4300 LYONS AVE STE 300	HOUSTON	TX	77020-2569
0620390010014	FIRST MOUNT CARMEL MISSIONARY BAPTIST	4907 FARMER ST	HOUSTON	TX	77020-4631
0402550000002	FIRST SHILOH BAPTIST CHURCH	4420 LYONS AVE	HOUSTON	TX	77020-2600
0513600000016	FLAY E FORD ESTATE INC	PO BOX 21428	HOUSTON	TX	77226-1428
0271790000008	FLORES CARL G & ANN MARIE	1615 ELYSIAN ST	HOUSTON	TX	77026-7224
0513600000006	FONTENOT VICTOR C	4410 NEW ORLEANS ST	HOUSTON	TX	77020-2651
0041210000008	FOUNDATION CAPITAL RESOURCES	3900 S OVERLAND AVE	SPRINGFIELD	MO	65807-8766
0300940000003	FRAZIER EDWARD E	6955 W 43RD ST	HOUSTON	TX	77092-4447
0120560000007	FUENTES ZOILA R	715 KRESS ST	HOUSTON	TX	77020-4911
0271670000004	GALDAMEZ ADONAY & NELLY	1516 CHAPMAN ST	HOUSTON	TX	77009-8713
0120520000047	GALVAN JOSE M & MARIA	712 MAJESTIC ST	HOUSTON	TX	77020-5141
0120530000004	GARBROS HOLDINGS LLC SERIES K	6901 LYONS AVE	HOUSTON	TX	77020-5356
0271680000010	GARCIA CAYETANO C & MARIA	1507 MCKEE ST	HOUSTON	TX	77009-8743
0120510000010	GARCIA GERARDO L	721 MAJESTIC ST	HOUSTON	TX	77020-5140
0533180000001	GARLAND HOLDINGS LLC	6903 LYONS AVE	HOUSTON	TX	77020-5356
0533180000028	GARLAND HOLDINGS LLC	6902 LYONS AVE	HOUSTON	TX	77020-5357
0041250000004	GARRETT DELPHINE	4712 LYONS AVE	HOUSTON	TX	77020-4307
0140800000005	GARZA JESUS A	3502 LYONS AVE	HOUSTON	TX	77020-2201
0533190000001	GARZA JUAN JOSE JR	6904 BONHAM	HOUSTON	TX	77020-5302
0120510000038	GARZA MARIA R	718 LATHROP ST	HOUSTON	TX	77020-5316
0120510000040	GARZA ROSALINDA	718 LATHROP ST	HOUSTON	TX	77020-5316
0271660000009	GARZA RUBELIO	1516 GANO ST	HOUSTON	TX	77009-8720
0211400000004	GERBER ISADORE J	5610 GRAPE ST	HOUSTON	TX	77096-1114
0041240000008	GIBBS TESSALYN	4605 FARMER ST	HOUSTON	TX	77020-4330
1216410000002	GIDLEY JOHN K & FRANCES A	915 N SAN JACINTO ST UNIT 1C	HOUSTON	TX	77002-1239
0620390020011	GLASS IRENE SCOTT	5222 LYONS AVE	HOUSTON	TX	77020-4656
0271670000008	GODINA OSCAR	1515 TERRY ST	HOUSTON	TX	77009-8750
0041220000006	GODINE ARSLEE MACKEY	14619 TURNING POINT CT	HOUSTON	TX	77015-1776

Appendix T
Real Property Owners Mailing List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
1216410000007	GOERLAND LINDA L & EINAR H	202 LAKESHORE DR	SEABROOK	TX	77586-6129
0041250000005	GOLDEN HOUSE BUILDERS LLC	22931 BANGVO DR	SPRING	TX	77373-
0070830000019	GOLDEN PATH BUILDERS LLC	10700 RICHMOND AVE STE 100C	HOUSTON	TX	77042-4912
0091490000027	GOMEZ VICTOR RAMIREZ	1619 CAPRON ST	HOUSTON	TX	77020-2313
0271700000004	GONZALES ANGELITA C ESTATE OF	1512 HARDY ST	HOUSTON	TX	77026-7231
0120510000007	GONZALES SALVADOR G & MARGARITA L	711 MAJESTIC ST	HOUSTON	TX	77020-5140
0091490000024	GONZALEZ ALBINO TERRONES	1615 CAPRON	HOUSTON	TX	77020-2313
0541920000001	GONZALEZ ALFONSO & MARIA D	5101 LYONS AVE	HOUSTON	TX	77020-4657
0120540000007	GONZALEZ FEDERICO & ORALIA	715 ROUSE ST	HOUSTON	TX	77020-5104
0120520000010	GONZALEZ JOSE A	721 ZOE ST	HOUSTON	TX	77020-5147
0620390020025	GONZALEZ JUAN M & ELVIA P	5210 LYONS AVE	HOUSTON	TX	77020-4656
0120550000009	GONZALEZ OCTAVIO & EVANGELINA	722 HENKE ST	HOUSTON	TX	77020-4906
0620390010004	GOODWIN CRAIG	PO BOX 21008	HOUSTON	TX	77226-1008
0041200000008	GOODWIN GENICE	17511 GLENMARK DR	HOUSTON	TX	77084-1687
0271540000010	GORENA ROXANNE	2626 BEAUCHAMP	HOUSTON	TX	77009-7502
0142120000011	GREENBRIER EQUITIES LLC	11 GREENWAY PLZ STE 282	HOUSTON	TX	77046-1100
0091580000003	GREGGS WILLIE MAE	1614 PANNELL ST	HOUSTON	TX	77020-2333
0620390010008	GRIGSBY MARGARET E DR	4900 RIDING RIDGE CT	LAUREL	MD	20707-3001
1246600010017	GROSSMAN BRUCE H	1209 STERRETT ST	HOUSTON	TX	77002-1140
0541910000002	GUERRA JOSE O	5203 LYONS AVE	HOUSTON	TX	77020-4655
0352440000018	GUERRERO HUGO & YVONNE	816 SABINE ST UNIT C	HOUSTON	TX	77007-7675
0271690000013	GUTIERREZ ROSEMARY 3	3623 CETTI ST	HOUSTON	TX	77009-4920
0120550000007	GUZMAN PAULO	12822 EDGEHILL DR	HOUSTON	TX	77049-2107
0091310000011	H L HOMES	615 KELLY ST	HOUSTON	TX	77009-1349
0010040000001	HARRIS COUNTY FLOOD CONTROL DISTRICT	9900 NORTHWEST FWY	HOUSTON	TX	77092-8601
0031610000004	HBS WAREHOUSE ASSOCIATES	5868 WESTHEIMER, BOX 473	HOUSTON	TX	77057-5641
0620390020008	HENRY GEORGE SR	9215 LOCKWOOD DR	HOUSTON	TX	77016-4526
0620390020016	HENRY GEORGE SR ESTATE OF HAROLD HENRY	9215 LOCKWOOD DR	HOUSTON	TX	77016-4526
1271430010001	HENTRICH PROPERTIES LTD C/O ORMAN W WILSON	619 W 19TH ST	HOUSTON	TX	77008-3613
0271780000003	HERNANDEZ ANTONIO H	1614 ELYSIAN ST	HOUSTON	TX	77026-7225
0271780000005	HERNANDEZ GUADALUPE	1614 ELYSIAN ST	HOUSTON	TX	77026-7225
0120590000005	HERNANDEZ INNOCENCIO & LAURA	711 HOFFMAN ST	HOUSTON	TX	77020-4805
0041240000007	HIGH ALICE FAYE	4617 FARMER ST	HOUSTON	TX	77020-4330

Appendix T
Real Property Owners Mailing List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
0041240000002	HOLT CHARLES	3128 ROYAL ST	BAYTOWN	TX	77521-1112
0091230000007	HOUSTON BELT & TERMINAL RAILWAY CO	2425 SH 146 NORTH	TEXAS CITY	TX	77590-
1246600010013	HOUSTON DAVID	15272 COLUMBIA AVE	WHITE ROCK	BC	V4B 1J6
0091670000003	HOUSTON HOUSING AUTHORITY	PO BOX 2531	HOUSTON	TX	77252
0371080090023	HOUSTON HOUSING AUTHORITY	1919 RUNNELS ST	HOUSTON	TX	77003-1030
0371160140001	HOUSTON HOUSING AUTHORITY	PO BOX 1561	HOUSTON	TX	77251-1561
0620390030011	HOUSTON II PARTNERS LP % STANLEY HIRSCH	177 WYKAGYL TER	NEW ROCHELLE	NY	10804-3124
0100210000019	HOUSTON ISD	4400 W 18TH ST	HOUSTON	TX	77092-8501
0513720020005	HOUSTON LAND BANK MAYOR'S OFFICE	PO BOX 131106	HOUSTON	TX	77219-1106
0141760000004	HOUSTON NORTHSIDE REVITALIZATION LLC	PO BOX 1747	LA PORTE	TX	77572-1747
0271160000007	HOUSTON SASH & DOOR CO % A M EAVES	PO BOX 55607	HOUSTON	TX	77255-5607
0301030000010	HOUSTON STUDIOS OF TEXAS LLC	2333 CLAREMONT LN	HOUSTON	TX	77019-5809
0031330000003	HOUSTON STUDIOS OF TEXAS LLC ATTN: KEVIN DASCH	104 W 32ND ST	AUSTIN	TX	78705-2302
0091320000008	HUFFSMITH INVESTMENTS LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
0270520000015	HUSET LLC	3 BLALOCK CIR	HOUSTON	TX	77024-6513
0031380000008	HVIZDOS SURVINING GRANTORS TRUST 2018	810 LAINDON SPRINGS LN	SPRING	TX	77373-8461
0031320000001	HYDRAULIC EQUIPMENT SERVICE CO	1021 N SAN JACINTO ST	HOUSTON	TX	77002-1138
0151900000001	HYPERION COMMUNICATIONS TX % CENTURYLINK	1025 ELDORADO BLVD	BROOMFIELD	CO	80021-8254
1405110010002	INNERLOOP MEADOW DEVELOPMENT LLC	1311 RAINTREE CIR	SUGAR LAND	TX	77479-4009
0041210000010	J H REAL ESTATE LLC	14211 GLASGOW PL	HOUSTON	TX	77077-1826
0271780000006	JACKSON KPARTEH	18819 JODYWOOD DR	HUMBLE	TX	77346-3121
0371180000003	JAVA INVESTMENTS LLC	2002 RUNNELS ST	HOUSTON	TX	77003-1013
0141720000003	JENSEN REAL ESTATE LLC	1115 JENSEN DR	HOUSTON	TX	77020-3722
0141770000004	JENSEN REAL ESTATE LLC	3388 SAGE RD STE 2602	HOUSTON	TX	77056-7200
0271690000014	JESTER FULTON LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
0541940000003	JOHNSON ARGNIE N	PO BOX 4016	HOUSTON	TX	77210-4016
0041250000010	JOHNSON GUESS INV INC	PO BOX 784	HOUSTON	TX	77001-0784
0620390020020	JOHNSON MARILYN	5109 FARMER ST	HOUSTON	TX	77020-4635
1216410000003	JOHNSON TIMOTHY L	1515 HYDE PARK	HOUSTON	TX	77006-2538
0140800000002	JONES MILDRED	3512 LYONS AVE	HOUSTON	TX	77020-2201
0541900000011	JP MORGAN CHASE BANK	PO BOX 2558	HOUSTON	TX	77252-2558
0352440000039	JUAREZ ARTURO	11407 PALMSPRINGS DR	HOUSTON	TX	77034-3633
0041200000009	KIRKMON ALICE	2807 PROVIDENCE ST	HOUSTON	TX	77020-3754

Appendix T
Real Property Owners Mailing List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
1362160010001	KJD AUTO STORAGE LLC	1522 BROOK GROVE DR	KATY	TX	77450-5864
0271400000005	KNAPP HOLDINGS LLC	1209 HARDY ST	HOUSTON	TX	77020-2011
0091320000003	KOENIG JEFFERY	500 CRAWFORD ST APT 26	HOUSTON	TX	77002-2161
0271380000004	KURTZ PROPERTIES LTD	2019 BROOKS ST	HOUSTON	TX	77026-7208
0620390030016	LA COUR JOHN ESTATE OF C/O SHEILA WILKINS	5401 FARMER ST	HOUSTON	TX	77020-4719
1500680010001	LAKESIDE PLACE PFC	2640 FOUNTAIN VIEW DR	HOUSTON	TX	77057-7630
0620390020006	LANDRY ESSIE M	7402 SAUNDERS RD	HOUSTON	TX	77016-2743
0300930000001	LANGLEY PAUL D	PO BOX 14517	SAN FRANCISCO	CA	94114-0517
0513670000007	LATTER DAY DELIVERANCE REVIVAL CHURCH	4036 LYONS AVE	HOUSTON	TX	77020-2425
0541910000004	LE CHALICE LLC	8611 TILGHAM ST	HOUSTON	TX	77029-3335
0513600000013	LE HIEU VAN & JENNY	2422 LEANETT WAY	PEARLAND	TX	77584-5963
0520010000001	LE HIEU VAN & JENNY	2482 LEANETT WAY	PEARLAND	TX	77584-
0120510000055	LEE JUN HEE & KEUM	2516 HADLEY CIR	SUGAR LAND	TX	77478-1865
1381360010001	LEGACY COMMUNITY HEALTH SERVICE INC	PO BOX 66308	HOUSTON	TX	77266-6308
0091310000012	LEKS SEBASTIAN	PO BOX 4937	LEANDER	TX	78645-0009
0361010000002	LEMESOFF MARIANA	1603 NORTHWOOD ST	HOUSTON	TX	77009-2510
0620390020017	LEON IIESHA	5203 FARMER ST	HOUSTON	TX	77020-4637
1209740010001	LEVEL 3 COMMUNICATIONS PROPERTY TAX	1025 ELDORADO BLVD	BROOMFIELD	CO	80021-8254
0513590000018	LEVISE LAVELLE	4211 LYONS AVE	HOUSTON	TX	77020-2541
0541460000003	LEWIS LEROY JR	3137 CRANDON ST	HOUSTON	TX	77026-3624
0120590000010	LINDYS FOODS INC	5910 LYONS AVE	HOUSTON	TX	77020-4808
0271590000001	LIPSCOMB WILLIAM C	1710 BURNETT ST	HOUSTON	TX	77026-7213
0271800000011	LIPSCOMB WILLIAM C	1201 BANKS ST	HOUSTON	TX	77006-6007
0513590000004	LITTLE ALICE	7910 FERNBANK DR	HOUSTON	TX	77049-2309
0140800000024	LJJX INVESTMENTS LTD	1520 OLIVER ST STE 202	HOUSTON	TX	77007-6035
0140790000003	LOCHE BURNELL E & EDWARD C	3618 LYONS AVE	HOUSTON	TX	77020-8303
1241120010001	LOCKWOOD LYONS LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
0271670000006	LOPEZ ARNOLD	6636 RODRIGO ST	HOUSTON	TX	77007-2045
0271780000014	LOPEZ ELIGIA N	1614 ELYSIAN ST	HOUSTON	TX	77026-7225
0620390010018	LOPEZ PEDRO GUILLERMO C	5000 NOBLE ST UNIT 5	HOUSTON	TX	77020-8828
0271680000007	LOPEZ SONYA LOURICE	1205 CORDELL ST	HOUSTON	TX	77009-3130
1218570010001	LOTT JESSE JR	3916 WOOLWORTH ST	HOUSTON	TX	77026-4158
0120580000047	LOZANO GLORIA	736 WOOLWORTH ST	HOUSTON	TX	77020-4918

Appendix T
Real Property Owners Mailing List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
0152620000001	LPJ HOLDINGS LLC	9690 W WINGFOOT RD	HOUSTON	TX	77041-9037
1216410000004	LUEDEMANN WILLIAM A & JEAN A	2650 PECAN MILL LN	BRENHAM	TX	77833-2037
0533180000003	LUNA ROGER I & FRANCISCA	6914 HILLBORO	HOUSTON	TX	77020-5206
0211390000027	LUSKY SANDRA K	5719 CLARIDGE DR	HOUSTON	TX	77096-6005
0211390000028	LYONS UNITY MISSIONARY BAPTIST CHURCH	3215 LYONS AVE	HOUSTON	TX	77020-8200
1246600010019	M ARCHITECTS HOLDINGS LLC	1204 NANCE ST	HOUSTON	TX	77002-1122
1246600020003	M ARCHITECTS HOLDINGS LLC	1206 NANCE ST	HOUSTON	TX	77002-1122
0513600000020	MACKEY LOUISE	14602 LEA VALLEY DR	HOUSTON	TX	77049-4223
0270930000003	MAGALLANES LAURA	3110 ROCKRILL DR	HOUSTON	TX	77045-3686
1246600010016	MALONEY JAMES E C/O JAMES EDWARD MALONEY PLLC	2429 SOUTHGATE BLVD	HOUSTON	TX	77030-1825
1407840010001	MANRIQUEZ HOLDINGS LLC	2419 CENTER ST	HOUSTON	TX	77007-6005
0301000000006	MARBIL TRUST PARTNERSHIP	3238 N PEMBERTON CIRCLE DR	HOUSTON	TX	77025-4326
0271790000010	MARGARITO GONZALES	625 MILLVILLE DR	HOUSTON	TX	77091-2427
0091490000014	MARKMAN JACK	1925 SOUTHWEST FWY	HOUSTON	TX	77098-4800
0120520000007	MARTINEZ JOSE M & ALEJANDRA FLORES DE	715 ZOE ST	HOUSTON	TX	77020-5147
0120550000039	MARTINEZ TERESA	718 ROUSE ST	HOUSTON	TX	77020-5105
1216410000008	MASSINGILL BRIAN T	915 N SAN JACINTO ST UNIT 2B	HOUSTON	TX	77002-1239
0091570000009	MATA GUADALUPE JR & JANET L	517 N DRENNAN ST	HOUSTON	TX	77003-1316
0120590000045	MAUTINO MARIA S	6524 GAINESVILLE ST	HOUSTON	TX	77020-3210
0120590000047	MAUTINO SOCORRO A	6623 LONGVIEW ST	HOUSTON	TX	77020-3219
0230530000030	MCCALL STREET PARTNERS LP % AVI RON	1520 OLIVER ST	HOUSTON	TX	77007-6035
0041240000003	MCCULLOUGH WANDA L	4612 LYONS AVE	HOUSTON	TX	77020-4305
0620390020012	MCGOWAN PORTIA R	5219 FARMER ST	HOUSTON	TX	77020-4637
0270520000007	MEGA SHIPPING LLC	2520 W MOUNT RD	HOUSTON	TX	77038-
0120530000040	MELCHOR RAY C & RICHARD	19718 RIVER BROOK CT	HUMBLE	TX	77346-1208
0513590000009	MELENDEZ GLADIS	15227 EMBER GLEN CT	HOUSTON	TX	77095-3289
0120520000037	MENCHACA MATIAS E	12319 GRANITE WOODS CT	HUMBLE	TX	77346-3276
0271680000003	MENDOZA RICHARD JR	1512 TERRY ST	HOUSTON	TX	77009-8751
0620390010011	MERINO ATENOGENES	7219 TREMPER ST	HOUSTON	TX	77020-5432
0031280000001	METRO TRANSIT AUTHORITY	PO BOX 61429	HOUSTON	TX	77208-1429
0352440000005	MGCH HOLDING LLC	7 SWITCHBUD PL # 192-307	SPRING	TX	77380-3700
0513590000010	MILES CHAPEL METHODIST CHURCH	4315 LYONS AVE	HOUSTON	TX	77020
0513590000014	MILES CHAPLE C M E CHURCH	4229 LYONS AVE	HOUSTON	TX	77020-

Appendix T
Real Property Owners Mailing List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
0010080000014	MISSOURI PACIFIC RAILROAD COMPANY UNION PACIFIC RAILROAD CO	1400 DOUGLAS ST STOP 1640	OMAHA	NE	68179-1001
0120620000001	MODERN WELDING CO OF TEXAS INC	715 SAKOWITZ ST	HOUSTON	TX	77020-8021
0620390020021	MOLINA ROBERT JR	5107 FARMER ST	HOUSTON	TX	77020-4635
0271670000012	MONTES RICARDO &	1503 TERRY ST	HOUSTON	TX	77009-8750
0142120000005	MORALES MARIA C & DELFINO R	2306 HARRINGTON ST	HOUSTON	TX	77026-7322
0620390010028	MT CARMEL MISS BAPT CH	4907 FARMER	HOUSTON	TX	77020-4631
0031370000001	MURRAY LEE ROY III	1113 VINE ST STE 125	HOUSTON	TX	77002-4503
0513600000024	NAJERA BRISIA	4413 LYONS AVE	HOUSTON	TX	77020-2646
0041250000002	NELLOMS CRATON	1415 TRALLE ST	HOUSTON	TX	77020-4326
0523140030002	NEZHAD SHAHIN	7514 OLD BRIDGE CT	SUGAR LAND	TX	77479-6326
0271780000004	NORTHRUP BENJAMIN J	PO BOX 542270	HOUSTON	TX	77254-2270
0620390030017	OBOT GLENDA F	5315 FARMER ST	HOUSTON	TX	77020-4717
0142120000004	OBREGON RAUL D	1616 MARY ST	HOUSTON	TX	77026-7338
0620390010012	OHANA SIMON	7511 MOONDANCE LN	HOUSTON	TX	77071-2619
0513590000017	OLIVE SQUARED LLC	1302 WAUGH DR # 324	HOUSTON	TX	77019-3908
0211400000003	OLIVET MISSIONARY BAPTIST CHURCH INC	3115 LYONS AVE	HOUSTON	TX	77020-8246
0041260000002	ORTEGA ANTONIO	1505 SOLO ST	HOUSTON	TX	77020-4645
0533180000026	ORTIZ ANDREW G & ALICE	6909 BONHAM ST	HOUSTON	TX	77020-5301
0271690000007	OTERO PRISCILLA	6423 HANLEY LN	HOUSTON	TX	77016-2015
1216410000009	OUELLETTE BARRY J	715 WILLARD ST	HOUSTON	TX	77006-1348
0120580000041	PANTOJA RAMONA	712 WOOLWORTH ST	HOUSTON	TX	77020-4918
0120580000006	PAREDES MARIA	715 HAHLO ST	HOUSTON	TX	77020-4803
0120590000043	PAREDES MARIA	713 HAHLO ST	HOUSTON	TX	77020-4803
0513600000009	PARKS ROSALYN	4416 NEW ORLEANS ST	HOUSTON	TX	77020-2651
1354420010001	PARRA DESIGN GROUP LTD	2323 YUPON ST	HOUSTON	TX	77006-1833
0523140030001	PATTEN MARY RIGGS	3322 SOUTHMORE BLVD	HOUSTON	TX	77004-
0120550000001	PDR LLC	PO BOX 9141	BACLIFF	TX	77518-9141
0041260000007	PERALEZ GUSTAVO & GUADALUPE	1503 SOLO ST	HOUSTON	TX	77020-4645
0120530000043	PEREZ THERESA % PEREZ DAVID C ESTATE OF	712 ZOE ST	HOUSTON	TX	77020-5148
0070830000016	PINTO EAST END LLC	3737 BUFFALO SPEEDWAY STE 1100	HOUSTON	TX	77098-3740
0141730000001	PLEASANT GROVE CLEVELAND INVESTMENTS LTD	1520 OLIVER ST	HOUSTON	TX	77007-6035
0230460000003	PLEASANT GROVE FAIRMONT PANSY	1520 OLIVER ST	HOUSTON	TX	77007-6035

Appendix T
Real Property Owners Mailing List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
1212480010001	PLEASANT HILL CDC	4300 LYONS AVE	HOUSTON	TX	77020-2562
1195730010001	PLEASANT HILL COMMUNITY APARTMENTS LP	1510 PANNELL ST	HOUSTON	TX	77020-4042
1409660010004	POCHE ANTHONY JR	4302 B NEW ORLEANS ST	HOUSTON	TX	77020-
0120590000008	PONCE SAUL	721 HOFFMAN ST	HOUSTON	TX	77020-4805
0041240000011	POUNCEY ALVIN SR	4603 FARMER ST	HOUSTON	TX	77020-4330
0513600000001	POUNCY SANDRA L	1618 WACO ST	HOUSTON	TX	77020-2566
0031630000007	POWELL RONALD D JR	1505 COMMON ST	HOUSTON	TX	77009-8844
0513590000016	POWELL THELMA ESTATE OF % ELIZABETH GARRETT	1741 CHATFIELD CIR	STOCKTON	CA	95209-4240
0620390020013	PRESSLEY-TOLIVER TONYA	1302 WAUGH DR PMB 713	HOUSTON	TX	77019-3908
0091320000009	PRICE RUBY NORMAN	11015 BURNINGBUSH LN	HOUSTON	TX	77016-2220
0140800000004	PROLER L MICHAEL	4401 CLINTON DR	HOUSTON	TX	77020-7807
0031510000001	PROSE HARDY YARDS OWNER LP	820 GESSNER STE 1000	HOUSTON	TX	77024-4470
0400100000012	PROVIDENCE WAREHOUSE PARTNERS LP % AVI RON	4808 GIBSON ST	HOUSTON	TX	77007-5480
0120550000041	PUENTE AIME	714 ROUSE ST	HOUSTON	TX	77020-5105
0271690000005	QUIROGA TIMOTEO R ESTATE OF	1520 MCKEE ST	HOUSTON	TX	77009-8744
0120610000001	R & M RETAIL LP	1215 GESSNER RD	HOUSTON	TX	77055-6013
0151810000001	R C PROPERTIES LLC	PO BOX 15651	HOUSTON	TX	77220-5651
0151820000002	R C PROPERTIES LLC	2117 OPELOUSAS ST	HOUSTON	TX	77020-2005
0091230000006	RAMIREZ FABIAN O	8507 BELLAMY LN	HOUSTON	TX	77083-7803
0041190000009	RAMIREZ RUDY	4507 LYONS AVE	HOUSTON	TX	77020-2648
0620390020009	RANDALL MARY E	5214 LYONS AVE	HOUSTON	TX	77020-4656
0091210000001	RASH JEANETTE A	2305 LYONS AVE	HOUSTON	TX	77020-2033
0533180000030	RAYMUNDO ECHAVARRIA & GLORIA	6905 BONHAM ST	HOUSTON	TX	77020-5301
0091490000009	RAZORWAY LLC	655 YALE ST STE 385	HOUSTON	TX	77007-2846
0422120000060	RC PROPERTIES LLC	13707 GREENWOOD LN	HOUSTON	TX	77044-5488
1399370010001	REGALIA AT THE PARK DEVELOPMENT	21500 BISCAYNE BLVD STE 402	MIAMI	FL	33180-1256
0513590000019	REGAN MARK	4209 LYONS AVE	HOUSTON	TX	77020-2541
0141720000001	REJUVENATE HOUSTON LLC	PO BOX 1747	LA PORTE	TX	77572-1747
0271660000005	REVILLA RAMIRO JR	3801 BARNETT ST	HOUSTON	TX	77017-3019
0520010000021	REVITALIZED URBAN EQUITY CO LLC	4914 WINNETKA ST	HOUSTON	TX	77021-2932
0271320000005	REX LAND COMPANY LLC	2000 LYONS AVE	HOUSTON	TX	77020-2028
1246600010018	REYNOLDS DAVID A & IBIS C	1211 STERRETT ST	HOUSTON	TX	77002-1140
0041240000005	REYNOLDS THOMAS E &	1609 PINE CREST ST	HOUSTON	TX	77020-4611

Appendix T
Real Property Owners Mailing List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
0300960000010	RICHARD DINGMAN TRUST	PO BOX 14517	SAN FRANCISCO	CA	94114-0517
1392840010002	RICHARDSON PETER & MARTA B	4412 NEW ORLEANS ST B	HOUSTON	TX	77020-2651
1216410000005	RILEY JACQUELINE S	915 N SAN JACINTO ST UNIT 1F	HOUSTON	TX	77002-1239
0141670000001	ROBINSON IRON AND METAL CO INC	2735 BROOKS ST	HOUSTON	TX	77020-2101
0120530000038	ROCHA JOSEPHINE P ESTATE OF	724 ZOE ST	HOUSTON	TX	77020-5148
0352440000030	RODRIGUEZ ARMANDO	1413 EGYPT ST	HOUSTON	TX	77009-4233
0271680000004	RODRIGUEZ ESTELLA	1514 TERRY ST	HOUSTON	TX	77009-8751
0120560000042	RODRIGUEZ JOSE R & ARACELI	718 HENKE ST	HOUSTON	TX	77020-4906
0620390010010	RODRIGUEZ JUAN RAMON	5015 FARMER ST	HOUSTON	TX	77020-4633
0120580000039	RODRIGUEZ RODRIGO M	5318 DUMFRIES DR	HOUSTON	TX	77096-5107
0541930000001	RODRIGUEZ RONY & GUADALUPE	4515 OATS ST	HOUSTON	TX	77020-2637
0271680000012	RODRIQUEZ CARMEN P	1518 TERRY ST	HOUSTON	TX	77009-8751
0142630000009	RODRIQUEZ DOMINGA	908 MALTBY ST	HOUSTON	TX	77011-2618
0300950000011	ROTHWELL CORPORATION	1320 ROTHWELL ST	HOUSTON	TX	77002-1135
0091490000029	RUAN SIXTO MALDONADO	1611 CAPRON ST	HOUSTON	TX	77020-2313
0513720020001	RUIZ ASHLEY L	4101 LYONS AVE	HOUSTON	TX	77020-2539
0041190000008	RUIZ RUBEN & MARIA J	4515 LYONS AVE	HOUSTON	TX	77020-2648
1216410000014	RYLE ANDREW	110 E DELAWARE PL APT 1003	CHICAGO	IL	60611-4995
0271320000011	SAINT ARNOLD BREWING COMPANY	2000 LYONS AVE	HOUSTON	TX	77020-2028
0041200000010	SAKAMURI DIVYA	4611 AUBURN BROOK LN	SUGAR LAND	TX	77479-4577
0120530000045	SALAMEH SALEH L & MARY M	708 ZOE ST	HOUSTON	TX	77020-5148
0271770000001	SAMSON DEVELOPMENT CO	PO BOX 4	HOUSTON	TX	77001-0004
0031290000014	SAN JACINTO LOFTS COUNCIL OF CO OWNERS % FELD REALTY GROUP	10200 HEMPSTEAD RD STE 2C	HOUSTON	TX	77092-8400
0271690000010	SANCHEZ FERNANDO & BEATRICE	1511 HARDY ST	HOUSTON	TX	77026-7230
0091230000004	SANCHEZ SERGIO R & ROSA M	1302 WEST ST	HOUSTON	TX	77020-2154
0120560000005	SANTOS ALVARADO	803 KENTUCKY ST	SOUTH HOUSTON	TX	77587-3211
0513600000005	SCOTT LARRY	4408 NEW ORLEANS ST	HOUSTON	TX	77020-2651
0271810000001	SD NORTHSIDE INVESTMENTS LLC	1504 CHAPMAN ST	HOUSTON	TX	77009-8713
0271790000011	SELECTIVE GENERAL HOLDINGS GROUP LLC	12620 FM 1960 RD W STE A4 BOX #272	HOUSTON	TX	77065-5365
0120540000010	SERRANO LIUVIA	721 ROUSE ST	HOUSTON	TX	77020-5104
0120600000039	SHOTWELL 10 LLC	6009 RICHMOND AVE STE 200	HOUSTON	TX	77057-6218
0271180000019	SKEELE JON S	PO BOX 1447	FRIENDSWOOD	TX	77549-1447

Appendix T
Real Property Owners Mailing List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
0541930000003	SLOAN EMILY	PO BOX 130284	HOUSTON	TX	77219-0284
0541930000004	SLOAN EMILY	5017 LYONS AVE	HOUSTON	TX	77020-4659
0513590000003	SMITH DELMER H & TRUSTEE	PO BOX 2916	HUMBLE	TX	77347-2916
0041210000006	SMITH EMMA	3501 HARDIE ST	HOUSTON	TX	77026-2642
0620390010013	SNELLGROVE JOSHUA P	5001 FARMER ST	HOUSTON	TX	77020-4633
0513600000017	SO SUNG H	6727 CLEFT STONE DR	HOUSTON	TX	77084-6235
0120560000057	SOCIETY OF HOUSTON LATIN FIRE FIGHTERS	20251 FIELDTREE DR	HUMBLE	TX	77338-2340
0031310000014	SONDAG JERRY STEVEN	108 E DAVIS ST	CONROE	TX	77301-2906
0422210000060	SORB-ALL COMPANY	PO BOX 21148	HOUSTON	TX	77226-1148
1401400010001	SORENSEN REAL ESTATE COMPANY LLC	42 ROBINLAKE LN	HOUSTON	TX	77024-7146
0151900000029	SOUTHERN GENERAL PARTNERS	PO BOX 1201	HUNTSVILLE	TX	77342-1201
0031240000005	SOUTHERN PACIFIC RAILROAD COMPANY UNION PACIFIC RAILROAD CO	1400 DOUGLAS ST STOP 1640	OMAHA	NE	68179-1001
0151890000007	SOUTHWELL PROPERTIES LLC	2303 NANCE ST	HOUSTON	TX	77020-5732
0271300000007	SOUTHWESTERN BELL TELEPHONE CO	1 SCB CTR RM 36-M-1	SAINT LOUIS	MO	63101-
0271300000008	SOUTHWESTERN BELL TELEPHONE CO % SANDY BOHANNON/JOHN HUGHES	909 CHESTNUT ST RM 36	SAINT LOUIS	MO	63101-2017
0041230000015	ST ELIZABETH PLACE LP	4300 LYONS AVE STE 300	HOUSTON	TX	77020-2569
0541900000004	ST MARK MISSIONARY BAPTIST CHURCH	5306 LYONS AVE	HOUSTON	TX	77020-4755
0041190000010	STANFIELD CHARLES R III	8115 N ARKANSAS ST	HOUSTON	TX	77093-8208
0271680000009	STANLEY PROPERTY INTERESTS LLC	PO BOX 906	STAFFORD	TX	77497-0906
0011100000001	STAR OF HOPE MISSION % RANDALL L TABOR	6897 ARDMORE ST	HOUSTON	TX	77054-2307
0262080000070	STAR OF HOPE MISSION % RANDALL L TOBOR	4848 LOOP CENTRAL DR STE 500	HOUSTON	TX	77081-2356
0120510000046	STERLING STAR INVESTMENTS LLC	5303 LACHLAN SPRINGS LANE	SUGAR LAND	TX	77479-4793
0041220000004	STEVENS ISAIAH W	4811 LYONS AVE	HOUSTON	TX	77020-4620
0513600000012	STIEH MOSA	4415 LYONS AVE	HOUSTON	TX	77020-2646
0270930000001	STINER FREDERICK J	18610 CANYON COVE DR	CROSBY	TX	77532-7372
1216410000012	SURENDRAN RUHINA	2534 HAWKINGTON CT	SANTA CLARA	CA	95051-1225
0620390020004	SYON JOSEPH SIDNEY JR ET AL	13612 GARDEN GROVE CT	HOUSTON	TX	77082-3401
0120550000043	TAMEZ LUIS A & PAULINA H	708 ROUSE ST	HOUSTON	TX	77020-5105
0152660000004	TANK CUSTOMS LLC	1923 HOSKINS DR	HOUSTON	TX	77080-5417
0041240000001	TAYLOR JOHNIE M	4602 LYONS AVE	HOUSTON	TX	77020-4305
0120540000037	TAYLOR MARTHA N	10807 LAKESIDE FOREST LN	HOUSTON	TX	77042-1025

Appendix T
Real Property Owners Mailing List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
0031200000016	TEXAS DEPARTMENT OF CRIMINAL JUSTICE	PO BOX 99	HUNTSVILLE	TX	77342-0099
0010080000015	TEXAS DEPARTMENT OF TRANSPORTATION	PO BOX 1386	HOUSTON	TX	77251-1386
0152690000001	TEXAS DEVELOPMENT COMPANY % RAYMOND KRELL	1600 SMITH ST STE 3885	HOUSTON	TX	77002-7345
0030800000001	THE UNIVERSITY OF HOUSTON ATTN: OFFICE OF REAL ESTATE SERVICES	5000 GULF FWY BLDG 1	HOUSTON	TX	77204-8017
0041190000007	THOMAS BERTHA M ET AL	4517 LYONS AVE	HOUSTON	TX	77020-2648
0041200000001	THOMAS MARSHA THOMAS PAUL A ESTATE OF	4602 NEW ORLEANS ST	HOUSTON	TX	77020-4309
0352440000017	TOPCHY NESTOR	1603 NORTHWOOD ST	HOUSTON	TX	77009-2510
0541910000016	TORRES LAURA T	1602 PINE CREST ST	HOUSTON	TX	77020-4612
0523140020001	TRUE LEVEL MASONIC LODGE NO 226	15116 LEE RD STE 508	HUMBLE	TX	77396-2081
0271300000009	TV HOUSTON MSO LP	8715 REAMER ST	HOUSTON	TX	77074-2611
0270520000004	UG 913 MCKEE SPE LP	306 AVONDALE ST STE 200	HOUSTON	TX	77006-3174
0271150000006	UG OLD HARDY LP	306 AVONDALE ST STE 200	HOUSTON	TX	77006-3174
0230470000025	UNION PACIFIC RAILROAD COMPANY UNION PACIFIC RAILROAD CO	1400 DOUGLAS ST STOP 1640	OMAHA	NE	68179-1001
0030820000001	UNIVERSITY OF HOUSTON	5000 GULF FWY BLDG 1	HOUSTON	TX	77204
1226770010001	US SPRINT	PO BOX 12913	OVERLAND PARK	KS	66282-2913
1366200010001	UVALDE CENTER I LTD	1520 OLIVER ST STE 202	HOUSTON	TX	77007-6035
0271690000008	VALDEZ NORA	1515 HARDY ST	HOUSTON	TX	77026-7230
0271660000007	VARGAS LINDA RIOS	1519 CHAPMAN ST	HOUSTON	TX	77009-8712
0120530000047	VASQUEZ DON APARTADO POSTAL 3-494 ADMINISTRACION NO 3	62251 CUERNAVACA MOR	MEXICO		
0120560000043	VASQUEZ FAUSTO B & MARIA D	635 HENKE ST	HOUSTON	TX	77020-4903
0271670000011	VASQUEZ GUADALUPE JR	1505 TERRY ST	HOUSTON	TX	77009-8750
0120520000040	VELASQUEZ FERNANDO & MARIA	714 MAJESTIC ST	HOUSTON	TX	77020-5141
0091310000013	VELIZ IRLANDA	2406 NOBLE ST	HOUSTON	TX	77026-6836
0620390020019	VERA CAYETANO & JUANITA	5111 FARMER ST	HOUSTON	TX	77020-4635
0120530000007	VILLALOBOS ANDRES G	7121 GAINESVILLE ST	HOUSTON	TX	77020-3350
0142120000013	VILLARREAL ESTANISLADA B	1005 SUE ST	HOUSTON	TX	77009-2035
0120520000046	VILLARREAL GUILLEMO	9215 HELMERS ST	HOUSTON	TX	77022-2219
0271690000004	VILLARREAL SANTIAGO & MARIA D	1513 HARDY ST	HOUSTON	TX	77026-7230
0120590000041	VILLARREAL SYLVIA	9614 COAHUILA ST	HOUSTON	TX	77013-3812
0270520000016	VILLASANA TONY	12219 MAPLE ROCK DR	HOUSTON	TX	77077-2532
0120580000004	VILLELA M CARMEN L	711 HAHLO ST	HOUSTON	TX	77020-4803

Appendix T
Real Property Owners Mailing List
1702 Nance Vacant Commercial Site
1702 Nance St., Houston, TX 77020
VCP No. 3081

hcad	mail_to	mail_addr1	mail_city	mail_state	mail_zip
0140800000001	VVMU INVESTMENTS LLC	PO BOX 130714	HOUSTON	TX	77219-0714
0301030000001	W G INTERESTS LTD	3234 WESTHEIMER RD	HOUSTON	TX	77098-1000
0031620000003	W W N CORPORATION	PO BOX 1983	HOUSTON	TX	77251-1983
0541900000003	WALLACE ROGER PAUL JR	5305 LYONS AVE	HOUSTON	TX	77020-4754
1302010010001	WALLACE WHYTNE	4105 LYONS AVE	HOUSTON	TX	77020-2539
0141730000003	WARREN DAVID R JR	10530 MARY LN	MANVEL	TX	77578-5402
0513590000005	WASHINGTON LINDA A	10634 HARBOR CANYON DR	HUMBLE	TX	77396-5808
0541930000002	WHITE FLORECE S ESTATE OF	5003 LYONS AVE	HOUSTON	TX	77020-4659
0271180000004	WIESE AARON	12219 MAPLE ROCK DR	HOUSTON	TX	77077-2532
0300960000006	WILDEN WAYNE E	PO BOX 262212	HOUSTON	TX	77207-2212
0041250000003	WILSON ROOSEVELT & OCTAVIA	4710 LYONS AVE	HOUSTON	TX	77020-4307
0091490000002	WMI INVESTMENTS INC	1925 SOUTHWEST FWY	HOUSTON	TX	77098-4800
0271310000001	WORLDCOM NETWORK % PROPERTY TAX C2-3-548	22001 LOUDOUN COUNTY PKWY	ASHBURN	VA	20147-6105
0271400000001	WORLDCOM NETWORK SERVICES	PO BOX 521807	LONGWOOD	FL	32752-1807
0041260000001	WREN ANTHONY H	4802 LYONS AVE	HOUSTON	TX	77020-4621
0620390010006	WRIGHT JACKIE & JANICE	4914 LYONS AVE	HOUSTON	TX	77020-4662
0541880000010	YOUNG CARL E	25445 BLACK ST	SPLENDORA	TX	77372-5611
0070830000002	YVONNE PROPERTIES LLC	330 RAYFORD RD STE 314	SPRING	TX	77386-1980
0031290000013	ZAMIR INVESTMENTS INC	PO BOX 22957	HOUSTON	TX	77227-2957
0271650000005	ZANY JUNE	1515 GANO ST	HOUSTON	TX	77009-8719
1216410000010	ZUCHA BRYANNE N	915 N SAN JACINTO ST UNIT 2D	HOUSTON	TX	77002-1239
	MODEL NEIGHBORHOOD IMPROVEMENT CLUB C/O SARAH WILLIAMS	1819 SEMMES ST	HOUSTON	TX	77026
	KENNEDY PLACE RESIDENT COUNCIL C/O MERELINE HARRISON	500 MEADOW ST, #107	HOUSTON	TX	77020
	SECOND WARD RESIDENCE ASSOC C/O PAUL MEZA	123 CHRISTENSEN ST	HOUSTON	TX	77003
	SECOND WARD ASSOCIATION C/O JULIAN CORTINAS	PO BOX 230397	HOUSTON	TX	77223

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.

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 no [do exceed] OR [do not exceed] a non-ingestion protective concentration level on the property beyond the boundaries of the designated property.
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.

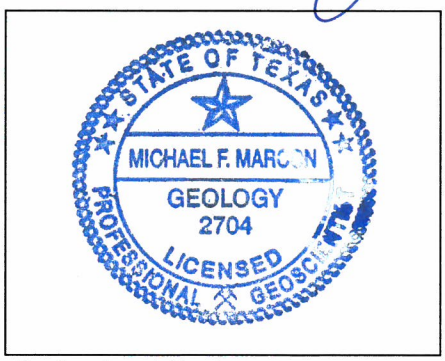
To the best of my knowledge and belief, based upon a review of all public and private records and other information sources available to me in the exercise of due diligence, the opinions stated and conclusions made in this application are supported by such information, and the technical and scientific 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.

Michael F. Marcon, P.G.
(Name)

Vice President, Principal
(Title)

InControl Technologies LLC
(Firm)

Signature: _____ Date: 3/25/2021



Professional Seal

Appendix V

If the licensed professional engineer or professional geoscientist determines that contaminants of concern from sources on the designated property are migrating from or through the designated property more than likely do not 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.

Not Applicable. The contaminants of concern from sources on the designated property do not exceed a non-ingestion protective concentration level beyond the boundary of the designated property.

Appendix W

Form W-2012-01 **certified/signed** by the applicant and any authorized representatives of the applicant(s) listed in the application.

Enclosed in this section is Form W-2012-01 certified and signed from the following party(ies):

Applicant: UG Old Hardy, LP

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.

Charlie Pendergraft
(Applicant's Name)

Vice President
(Title)

UG Old Hardy, LP
(Company)

Signature: _____ Date: 3/23/2021

State of Texas §
§
County of Harris §

LUKE ELLSWORTH PHILLIPS
Notary Public, State of Texas
Comm. Expires 09-17-2023
Notary ID 132175643

(Seal)

This instrument was acknowledged before me on this day the 23rd day of March, 2021 by Charlie Pendergraft
(Print)

_____
NOTARY PUBLIC, STATE OF TEXAS

Luke Ellsworth Phillips
Printed/Typed Name of Notary

My commission expires: 9/17/2023

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).

Included in this section is Form X-2012-01, signed by the property owner.

Owner: UG Old Hardy, LP

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.

Charlie Pendergraft
(Owner or Authorized Agent's Name)

Vice President
(Title)

UG Old Hardy, LP
(Company)

Signature: _____ Date: 3/23/2021

If authorized agent, provide proof of legal authorization instrument in the application under appendix x.

State of Texas §

§

County of Harris §

LUKE ELLSWORTH PHILLIPS
Notary Public, State of Texas
Comm. Expires 09-17-2023
Notary ID 132175643

(Seal)

This instrument was acknowledged before me on this day the 23rd day of March, 2021 by

Charlie Pendergraft
(Print)

NOTARY PUBLIC, STATE OF TEXAS

Luke Ellsworth Phillips
Printed/Typed Name of Notary

My commission expires: 9/17/2023

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.

A CD with the following documents is included in this appendix:

- pdf file of the complete application;
- Excel spreadsheet of water well owners for mailing;
- Excel spreadsheet of real property owners for mailing; and
- Pdf file of the well log report.