

**Prepared for:**

Banks Environmental Data, Inc.  
1601 Rio Grande, Ste. 331  
Austin, TX 78701



# Water Well Report

Commercial Property

Airline Drive

Houston, TX

Harris County

PO #: 123456.7

ES-100000

Monday, June 27, 2016

## Table of Contents

<b>Geographic Summary</b>	<b>3</b>
<b>Maps</b>	
<b>Summary Map - 0.5 Mile Buffer</b>	<b>4</b>
<b>Topographic Overlay Map - 0.5 Mile Buffer</b>	<b>5</b>
<b>Current Imagery Overlay Map - 0.5 Mile Buffer</b>	<b>6</b>
<b>Water Well Details</b>	<b>7</b>
<b>Database Definitions and Sources</b>	<b>30</b>
<b>Disclaimer</b>	<b>31</b>



## Geographic Summary

### Location

Harris County, TX

Target location is 0.001 square miles and has a 0.15 mile perimeter

### Coordinates

Longitude & Latitude in Degrees Minutes Seconds NA

Longitude & Latitude in Decimal Degrees NA

X and Y in UTM NA

### Elevation

NA

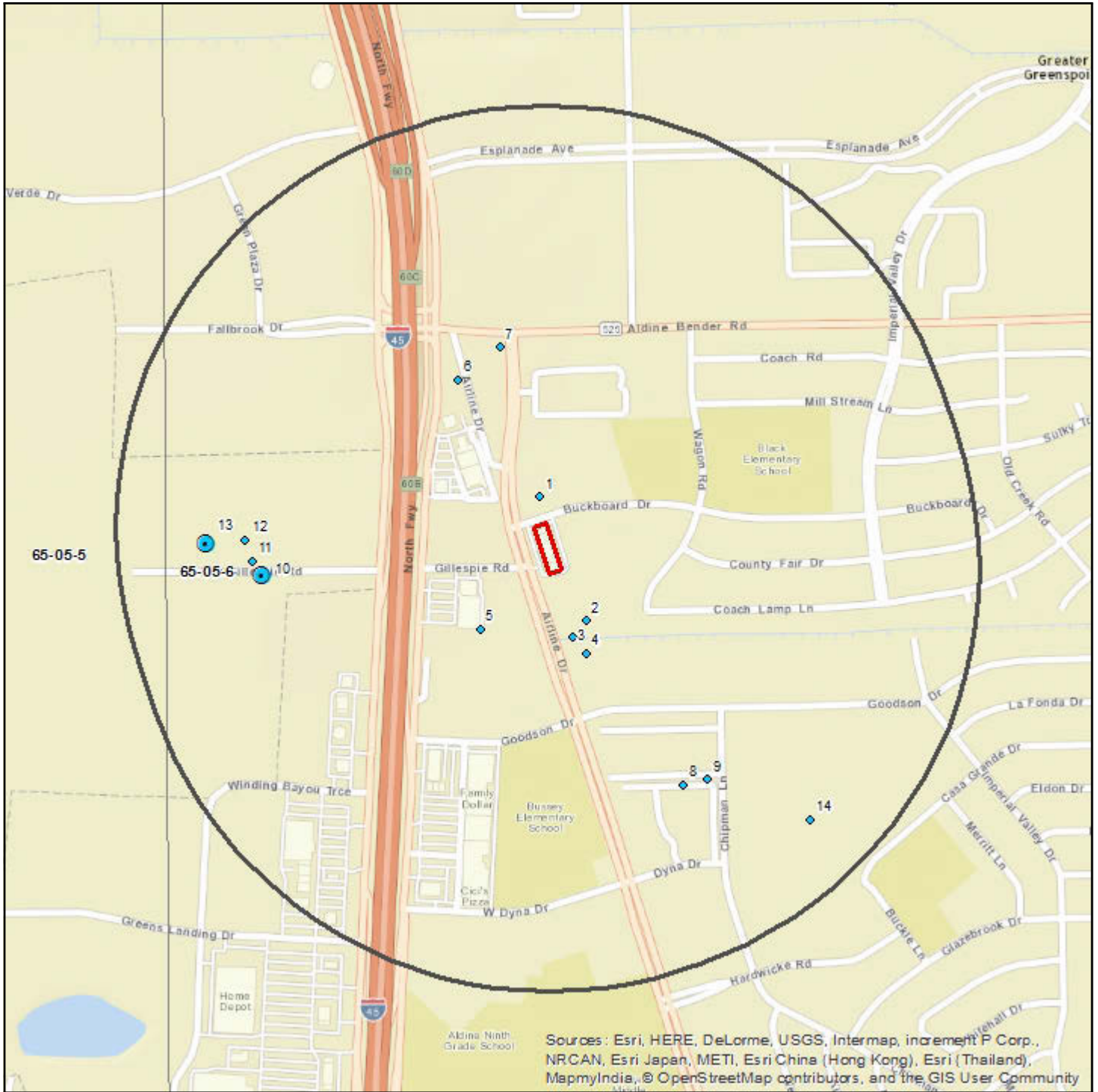
### Zip Codes Searched

Search Distance	Zip Codes (historical zip codes included)
Target Property	77060
0.5 miles	77037, 77038, 77060

### Topos Searched

Search Distance	Topo Name
Target Property	Aldine (1983)
0.5 miles	Aldine (1983)

# Summary Map - 0.5 Mile Buffer



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

## Commercial Property

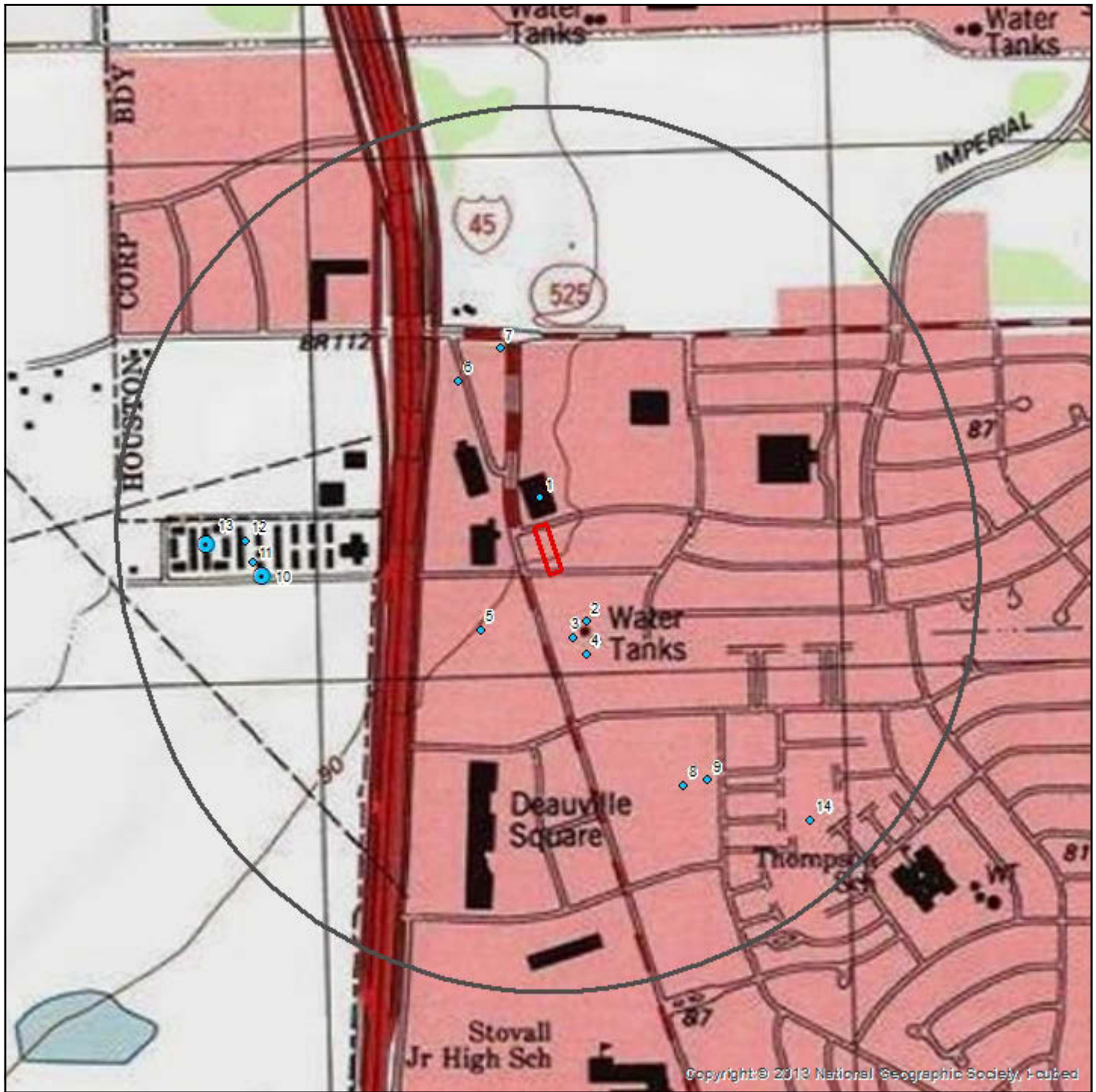
- Well
- Well Cluster
- Target Property
- Search Buffer
- Texas Quad Index

**1 : 11,000**  
 1 inch = 0.174 miles  
 1 inch = 917 feet  
 1 centimeter = 0.110 kilometers  
 1 centimeter = 110 meters



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

# Topographic Overlay Map - 0.5 Mile Buffer



## Commercial Property

- Well
- Well Cluster

- Target Property
- Search Buffer

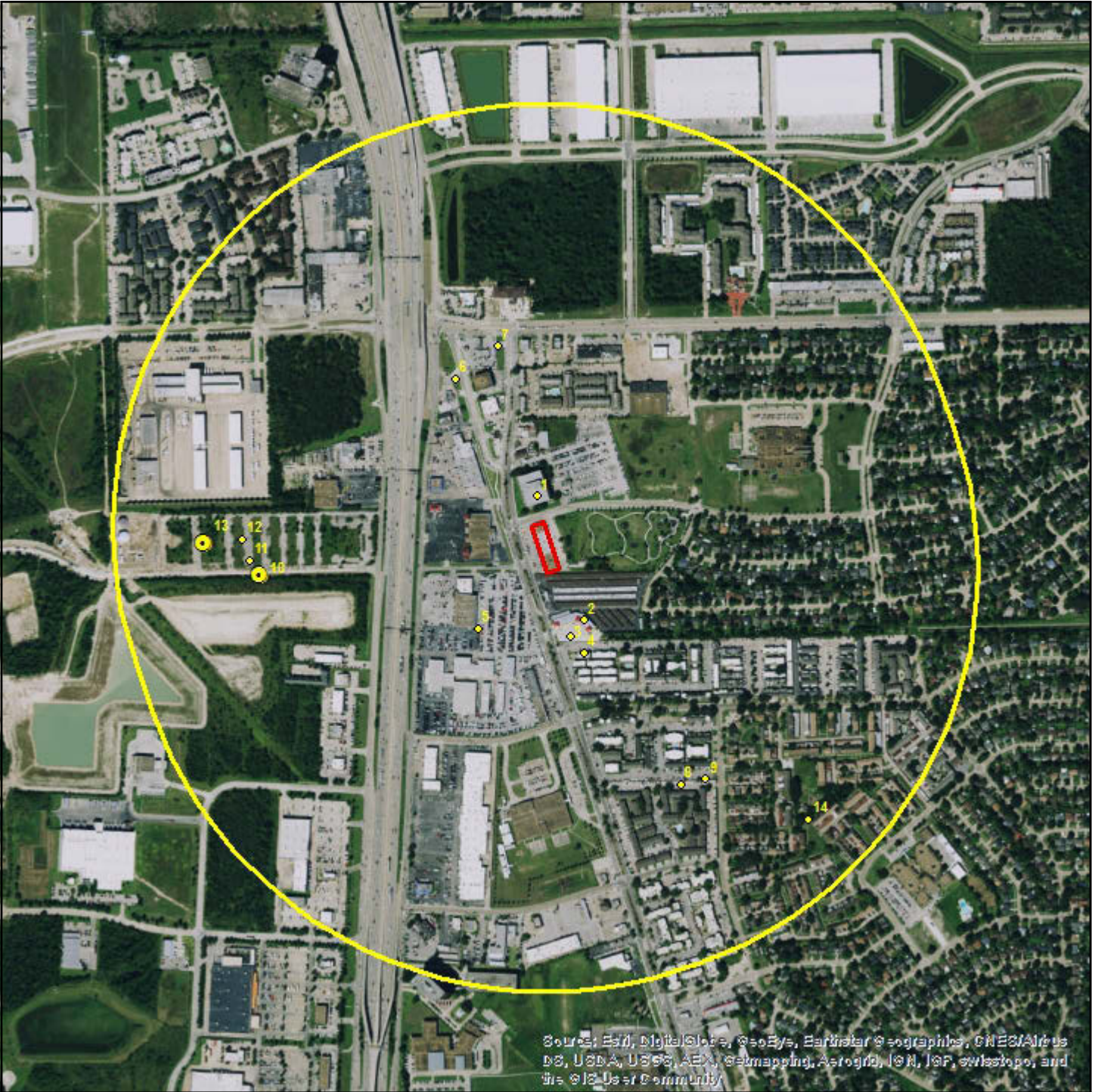
Target Property Quad Name(s)  
Aldine (1983)

1 : 11,000  
1 inch = 0.174 miles  
1 inch = 917 feet

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



# Current Imagery Overlay Map - 0.5 Mile Buffer



Sources: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, JPL, Swisstopo, and the US Dept of Community

## Commercial Property

- Well
- Well Cluster
- Target Property
- Search Buffer

1 : 11,000  
 1 inch = 0.174 miles  
 1 inch = 917 feet  
 1 centimeter = 0.110 kilometers  
 1 centimeter = 110 meters

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



## Water Well Details

Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
1	65-05-1	TX TCEQ HIST	Southwestern Bell	Industrial	301	08/31/1976	-95.409239	29.92881	92 ft	<a href="#">View</a>
2	65-05-604	TX TWDB GW	Greenspoint Area	Public Supply	806	09/11/1965	-95.408333	29.926666	85 ft	<a href="#">View</a>
3	HGSD2460	TX HGSD	Houston, City of	Public Supply	1112	01/01/1965	-95.40861	29.92639	85 ft	N/A
4	USGS-295533095242901	WW USGS	USGS	Not Reported	1112	09/11/1965	-95.408333	29.926111	85 ft	N/A
5	65-05-6B	TX TCEQ HIST	Mobil Oil Corporation	Industrial	321	04/20/1968	-95.41043	29.926526	87 ft	<a href="#">View</a>
6	65-05-607	TX TWDB GW	Mobil Oil Co.	Industrial	321	01/01/1968	-95.410833	29.930832	87 ft	<a href="#">View</a>
7	HGSD2863	TX HGSD	MOBIL OIL CORPORATION	Irrigation	0	01/01/1981	-95.41	29.93139	86 ft	N/A
8	65-05-6CC	TX TCEQ HIST	Treeseach Farms	Domestic	365	10/12/1983	-95.40643	29.92382	83 ft	<a href="#">View</a>
9	65-05-9NN	TX TCEQ HIST	John B. Patella	Domestic	295	06/29/1977	-95.40594	29.92391	83 ft	<a href="#">View</a>
10	HGSD3832	TX HGSD	Greenspoint Inn	Public Supply	325	01/01/1982	-95.41472	29.9275	86 ft	N/A
10	HGSD3833	TX HGSD	Greenspoint Inn	Public Supply	325	01/01/1970	-95.41472	29.92778	87 ft	N/A
10	G1011804 A	TX TCEQ PWS	GREENSPOINT PLAZA INN	Public Supply	325	01/01/1970	-95.414659	29.927722	86 ft	<a href="#">View</a>
11	G1011804 B	TX TCEQ PWS	GREENSPOINT PLAZA INN	Public Supply	328	10/01/1982	-95.414934	29.927722	87 ft	<a href="#">View</a>
12	65-05-6WW	TX TCEQ HIST	Greenspoint Inn	Public Supply	328	10/01/1982	-95.415072	29.928091	87 ft	<a href="#">View</a>
13	USGS-295540095245601	WW USGS	USGS	Not Reported	326	10/14/1982	-95.415833	29.928056	87 ft	N/A
13	65-05-625	TX TWDB GW	Greensport Inn	Domestic	326	01/01/1982	-95.415833	29.928054	87 ft	<a href="#">View</a>
14	65-05-4KK	TX TCEQ HIST	John Pattella	Domestic	295	07/29/1981	-95.403923	29.923213	83 ft	<a href="#">View</a>

## Well Summary

Water Well Dataset	# of Wells
TX HGSD	4
TX TCEQ HIST	6
TX TCEQ PWS	2
TX TWDB GW	3
WW USGS	2
<b>Total Count</b>	<b>17</b>

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

65-05-1E  
Drip  
For TWDB use only  
Well No. 65-05-1E  
Located on map 405  
Received: 7/6/76  
dlb

1) OWNER:  
Person having well drilled Southwestern Bell Address 11930 Airline Dr. Room 012  
(Name) (Street or RFD) (City) (State)  
Landowner Southwestern Bell Address Houston, Texas 77037  
(Name) (Street or RFD) (City) (State)

2) LOCATION OF WELL:  
County Harris, \_\_\_\_\_ miles in north direction from houston  
(N.E., S.W., etc.) (Town)  
Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.\*  
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 \_\_\_\_\_  
North  
↑  
(Use reverse side if necessary)

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 301' ft. Depth of completed well 301' ft. Date drilled 8/31/76  
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	9) Casing: Type: Old _____ New _____ Steel _____ Plastic _____ Other <u>galv.</u>
000	024	clay & rock	Cemented from _____ ft. to _____ ft.
024	048	" "	Diameter _____ Setting _____ (inches) From (ft.) _____ To (ft.) _____ Gage _____
048	072	" "	
072	096	clay & sand	
096	120	loose sand	
120	144	sand	
144	168	sand	10) SCREEN: Type <u>10' of #12 stainless steel rod ba</u>
168	192	sand	Perforated _____ Slotted <input checked="" type="checkbox"/>
192	216	sand	Diameter _____ Setting <u>189'</u> Slot _____ (inches) <u>2 1/2"</u> From (ft.) <u>228'</u> To (ft.) <u>301'</u> Size _____
216	240	sand	XX
240	264	sand & clay	291' 301'
264	288	hard sand & rock	
288	301	sand & clay	

7) COMPLETION (Check):  
Straight wall \_\_\_\_\_ Gravel packed \_\_\_\_\_ Other \_\_\_\_\_  
Under reamed \_\_\_\_\_ Open Hole \_\_\_\_\_  
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 \_\_\_\_\_

8) WATER LEVEL:  
Static level \_\_\_\_\_ ft. below land surface Date \_\_\_\_\_  
Artesian pressure \_\_\_\_\_ lbs. per square inch Date \_\_\_\_\_  
Depth to pump bowls, cylinder, jet, etc. 301' 114' ft. below land surface.  
12) WATER QUALITY:  
Was a chemical analysis made? Yes \_\_\_\_\_ No   
Did any strata contain undesirable water? Yes \_\_\_\_\_ No \_\_\_\_\_  
Type of water? \_\_\_\_\_ depth of strata \_\_\_\_\_

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.  
NAME R. B. Lowry Water Well Drillers Registration No. 146  
(Type or Print)  
ADDRESS P. O. Box 8707 4012 Fulton St. Houston, Texas 77009  
(Street or RFD) (City) (State)  
(Signed) R. B. Lowry (Water Well Driller) (Company Name)  
Please attach electric log, chemical analysis, and other pertinent information, if available. Lowry Water Wells

\*Additional instructions on reverse side.



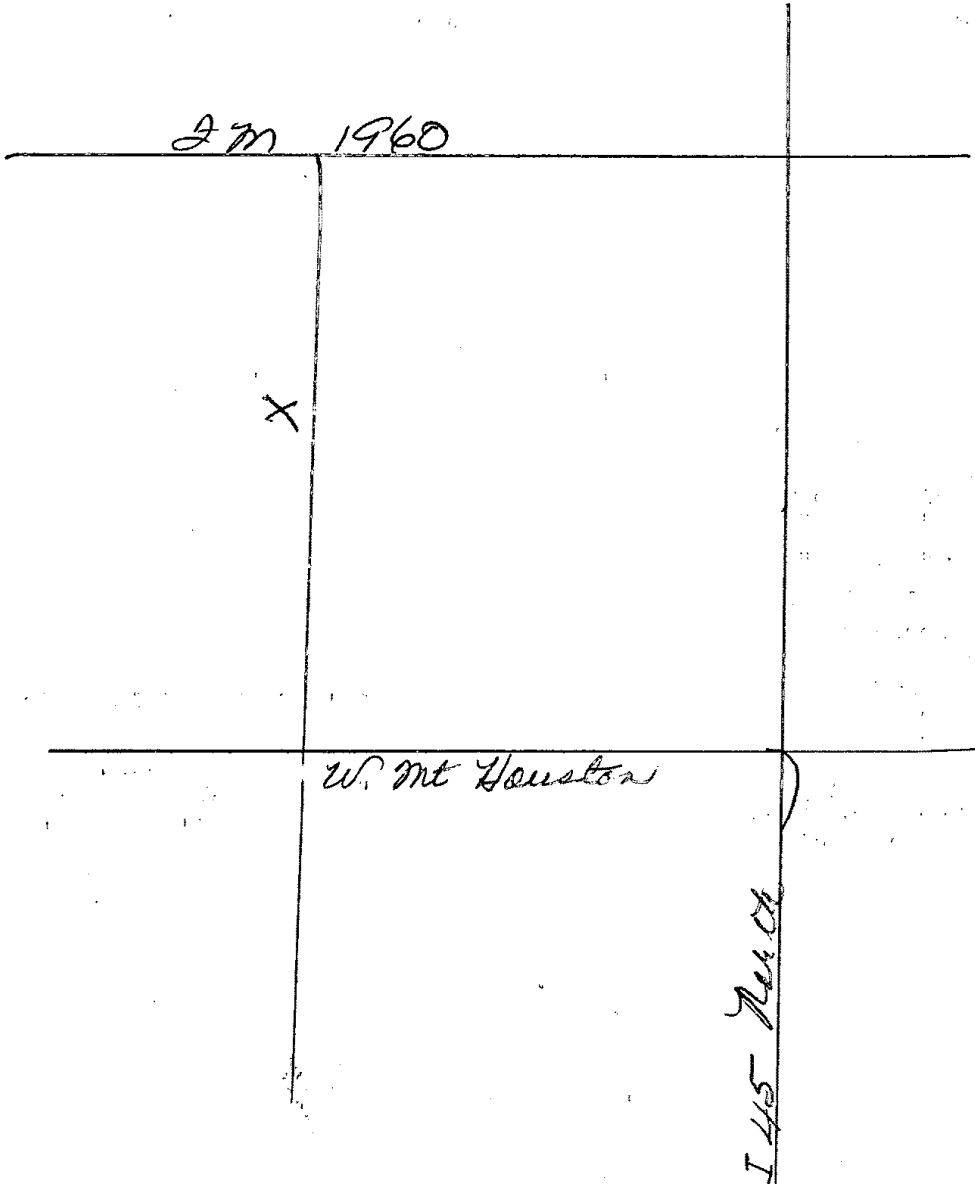
2) LOCATION OF WELL:

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

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

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

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



RECEIVED  
SEP 30 1976  
TEXAS WATER  
DEVELOPMENT BOARD

RECEIVED  
MAR 24 1977

Central Records  
Texas Water Development Board

TEXAS DEPARTMENT OF WATER RESOURCES

WELL SCHEDULE

Aquifer(s) Evangeline Project No. \_\_\_\_\_ State Well No. 65-05-604  
 \_\_\_\_\_ Field No./Owner's Well No. \_\_\_\_\_ County HARRIS

1. Location: \_\_\_\_\_, Section \_\_\_\_\_, Block \_\_\_\_\_, Survey \_\_\_\_\_, Lat. \_\_\_\_\_, Long. \_\_\_\_\_

2. Owner: Beuder Rd. Improv. Dist. Address: \_\_\_\_\_  
 Tenant (other): Imperial Valley Address: \_\_\_\_\_  
 Driller: Layne Texas Address: \_\_\_\_\_

3. Land Surface Elevation: 90 ft. above msl determined by \_\_\_\_\_

4. Drilled: \_\_\_\_\_ 19 65; Dug, Cable Tool, Rotary, Air, \_\_\_\_\_

5. Depth: Rept. 1112 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. 75

9. Yield: Flow \_\_\_\_\_ gpm, Pump \_\_\_\_\_ gpm, Meas., Rept., Est. \_\_\_\_\_ Date \_\_\_\_\_

10. Performance Test: Date 9/29/05 Length of Test \_\_\_\_\_ Made by L-T  
 Static Level 210 ft. Pumping Level 260 ft. Drawdown 50 ft.  
 Production 1110 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. \_\_\_\_\_ 19 \_\_\_\_\_ above \_\_\_\_\_ which is \_\_\_\_\_ ft. above  
 \_\_\_\_\_ ft. meas. \_\_\_\_\_ below \_\_\_\_\_ Land Surface  
 \_\_\_\_\_ ft. rept. \_\_\_\_\_ 19 \_\_\_\_\_ above \_\_\_\_\_ which is \_\_\_\_\_ ft. above  
 \_\_\_\_\_ ft. meas. \_\_\_\_\_ 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			800
8			1112

Q 376

STATE

LAYNE TEXAS COMPANY  
HOUSTON DALLAS

65-05-6W  
REPORT NO 7168  
S O 2087-65 db  
PAGE 1 of 2  
FILE NO 3047  
DATE 10/1/65

WELL LOG

CUSTOMER LOCATION		WELL DATA	
FOR	George C. Cox, Inc.	NAME WELL	WELL NO. 1
LOCATION WELL	Imperial Valley Subdivision	ELEVATION	DATUM
SURVEY	FIELD	RT	
COUNTY	Harris	TEST HOLE SIZE	12 <sup>C</sup> / <sub>4</sub> " & 7-7/8" GR 1201'
STATE	Texas	DATE STARTED DRILLING	9-9-65
OTHER LAND MARKS		DATE FINISHED DRILLING	9-11-65
		DRILLER	A.E. McCoy
		RIG NO.	17
		TYPE MUD	Gel
		NO. SACKS	20
		ELECTRIC LOG	Yes
		TYPE	Schlumberger
		SURVEY	Eastman
		TYPE	Single-shot
		OTHER	J. Hodges-O. Gutzmann

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
0		Surface			
2	2	Top soil			
26	24	Clay			
29	3	Sand			
57	28	Clay, sandy clay & strks. of sand			
73	16	Sand			
89	16	Sandy clay & streaks of sand			
115	26	Clay & sandy clay			
129	14	Sand			
150	21	Sand (cut good)			
179	29	Clay & sandy clay			
200	21	Sand with hard layers			
207	7	Clay			
233	26	Sand			
247	14	Hard shale			
272	25	Sand (broken)			
292	20	Hard shale & sandy shale			
316	24	Sand (cut good)			
348	32	Sand (broken)			
388	40	Hard shale			
415	27	Sand (broken)			
459	44	Shale & sandy shale			
495	31	Shale & boulders			
515	25	Shale & sandy shale			
529	14	Shale			
545	16	Sandy shale			
549	4	Sand			
559	10	Sandy shale			
565	6	Sand (hard)			
574	9	Hard shale			
598	24	Sandy shale & strks. of sand			
603	5	Hard shale			
650	47	Sandy shale & streaks of sand			
688	58	Sand			
727	39	Sand (broken) & hard streaks			
777	30	Hard shale & sandy shale			
795	18	Sandy shale			
813	18	Sand & gravel*			
829	16	Gravel			
863	34	Sand & gravel			

Q-376

65-05-604

LAYNE TEXAS COMPANY  
HOUSTON    -:-    DALLAS

REPORT NO 7168  
S O 2087-65  
PAGE 2 of 2  
FILE NO 3047  
DATE 10/1/65

WELL LOG

CUSTOMER LOCATION		WELL DATA	
FOR	George C. Cox, Inc.	NAME WELL	WELL NO 1
LOCATION WELL	Imperial Valley Subdivision	ELEVATION	DATUM
		RT	C 7-7/8" GR
SURVEY	FIELD	TEST HOLE SIZE	12 1/4" TO 1201'
COUNTY	Harris	DATE STARTED DRILLING	9-9-65
STATE	Texas	DATE FINISHED DRILLING	9-11-65
OTHER LAND MARKS		DRILLER	A.E. McCoy RIG NO 17
		TYPE MUD	Gel NO SACKS 20
		ELECTRIC LOG	Yes TYPE Schlumberger
		SURVEY	Eastman TYPE Single-shot
		OTHER	drillers: Hodges-Gutzmann

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES	
			DEPTH	TYPE NUMBER
863				
900	37	Sand (broken)		
914	14	Sandy shale		
926	12	Sand		
930	4	Shale		
1028	98	Shale		
1060	32	Sand (broken)		
1093	33	Shale & sandy shale		
1141	57	Shale		
1158	17	Sandy shale & streaks of sand		
1201	43	Shale & sandy shale		
Total depth 1201 ft.				

*1 Log  
6 pages  
attach.  
10-1-65*

65-05-604

**LAYNE TEXAS COMPANY**  
HOUSTON      DALLAS

Rep. No. 7169  
S. O. 2087-65  
PAGE 1 OF 1  
FILE NO. 3047  
DATE 10/1/65

**MATERIAL SETTING**

CUSTOMER LOCATION		WELL DATA	
FOR	George C. Cox, Inc.	NAME WELL	WELL NO. 1
LOCATION WELL	Imperial Valley Subdivision	ELEVATION	DATUM
SURVEY	FIELD	TYPE WELL	Gravel-wall
COUNTY	Harris	SURFACE CASING CEMENTED	Yes
STATE	Texas	NO. BAGS	350+8% Gel
OTHER LAND MARKS		SIZE HOLE UNDERREAMED	26" DEPTH 1112'
		GRAVEL TYPE	112-13- NO. CU. YDS. 75
		TYPE SCREEN	S.S. W.W. GAGE .045"
		DRILLER	O. Gutzmann RIG NO. 17
		OTHER	Hodges & McCoy

DEPTH	LENGTH	SIZE, KIND, WEIGHT MATERIAL	SKETCH
+4'		14" O.D. surface casing 4' above surface	
0		ground surface	
701'		Top of 8-5/8" O.D. liner	
800'	804'	14" O.D. surface casing	
806.61'	105.61'	8-5/8" O.D. blank liner	
863.61'	57.00'	8-5/8" OD S.S. W.W. screen, .045" ga.	
881.65'	18.00'	8-5/8" O.D. blank pipe	
901.61'	20.00'	8-5/8" O.D. S.S. W.W. screen, .045" ga.	
916.61'	15.00'	8-5/8" O.D. blank liner	
926.61'	10.00'	8-5/8" O.D. S.S. W.W. screen, .045" ga.	
963.61'	37.00'	8-5/8" O.D. blank liner	
971.61'	8.00'	8-5/8" O.D. S.S. W.W. screen, .045" ga.	
1029.61'	58.00'	8-5/8" O.D. blank liner	
1060.17'	30.56'	8-5/8" O.D. S.S. W.W. screen, .045" ga.	
1064.99'	4.82'	8-5/8" O.D. blank liner	
1074.99'	10.00'	8-5/8" O.D. S.S. W.W. screen, .045" ga.	
1082.14'	7.15'	8-5/8" O.D. blank liner	
1097.14'	15.00'	8-5/8" O.D. S.S. W.W. screen, .045" ga.	
1110.14'	13.00'	8-5/8" O.D. blank liner	
1112.14'	2.00'	8-5/8" O.D. set nipple with wood wash plug and B.P. valve	
Total depth 1112.14 ft.			

T.D. 1112.14  
65-05-604

LAYNE TEXAS COMPANIES  
HOUSTON DALLAS  
WATER WELL TEST

REPORT NO. 7170  
S. O. 2087-65  
PAGE 1 of 3  
FILE NO. 3047  
DATE 10/1/65

CUSTOMER LOCATION				WELL DATA			
TEST FOR George C. Cox, Inc.				NAME WELL WELL NO. 1			
LOCATION OF WELL Imperial Valley Subdivision				ELEVATION DATUM			
SURVEY FIELD		WELL SIZE 14" x 8-5/8" x 26" UR		TOTAL DEPTH 1112.14' TOP SCREEN 806.61'		GRAVEL WELL Yes STRAIGHT WELL	
COUNTY Harris		STATE Texas		TYPE SCREEN S.S. W.W. GAGE .045"			
DESCRIPTION OF LAND MARKS				TEMPERATURE OF WATER 78° F.			
WATER MEASURING DEVICE				TEST PUMP DATA			
ORIFICE SIZE 8" x 6"		LENGTH 4'		DEPTH SETTING TOP OF BOWL 340'		LENGTH AIR LINE 340' SIZE 1/4"	
OTHER				TYPE BOWL THC 10"		NO. STAGES 14	
SAND CONTENT OZ. PER 100 GAL.		ACTIVE STATIC HEAD AFTER PUMP STOPPED		WATER SAMPLE TAKEN NO. SAMPLES		BACTERIOLOGICAL SAMPLE TAKEN	
5 MIN. 215 FT. 20 MIN. 214 FT.		10 MIN. 215 FT. 25 MIN. 214 FT.		DRAWDOWN		SPECIFIC CAPACITY	
15 MIN. 215 FT. 30 MIN. 213 FT.							

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH. PRESS.	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
9/28/65 Started 24 Hr. test at 9:30 A.M.								
10:00AM	80	260		52	1110		O.G.	Sand
10:30	80	260		52	1110			1 oz.
11:00	80	260		52	1110			1/2 oz.
11:30	80	260		52	1110			Trace
12:00 N	80	260		52	1110			No sand
12:30PM	80	260		52	1110			
1:00	80	260		52	1110			
1:30	80	260		52	1110			
2:00	80	260		52	1110			
2:30	79	261		52	1110			
3:00	79	261		52	1110			
3:30	79	261		52	1110			
4:00	79	261		52	1110		J.H.	
4:30	79	261		52	1110			
5:00	79	261		52	1110			
5:30	78	262		52	1110			
6:00	78	262		52	1110			
6:30	78	262		52	1110			
7:00	78	262		52	1110			
7:30	78	262		52	1110			
8:00	78	262		52	1110			
8:30	78	262		52	1110			
9:00	78	262		52	1110			
9:30	78	262		52	1110			
10:00	78	262		52	1110			
10:30	78	262		52	1110			

OBSERVERS

J. R. Bardwell

FOR OWNER

Otto Gutzmann

FOR LAYNE TEXAS CO.

**LAYNE TEXAS COMPANY**  
HOUSTON      DALLAS  
**WATER WELL TEST**

REPORT NO. 7170  
S. O. 2087-65  
PAGE 2 of 3  
FILE NO. 3047  
DATE 10/1/65

<p style="text-align: center;"><b>CUSTOMER LOCATION</b></p> <p>TEST FOR <b>George C. Cox, Inc.</b></p> <p>LOCATION OF WELL <b>Imperial Valley Subdivision</b></p> <p>SURVEY _____ FIELD _____</p> <p>COUNTY <b>Harris</b> STATE <b>Texas</b></p> <p>DESCRIPTION OF LAND MARKS _____</p>	<p style="text-align: center;"><b>WELL DATA</b></p> <p>NAME WELL _____ WELL NO. <b>1</b></p> <p>ELEVATION _____ DATUM _____</p> <p>WELL SIZE <b>14" x 8-5/8" x 26" UR</b></p> <p>TOTAL DEPTH <b>1112.14'</b> TOP SCREEN <b>806.61'</b></p> <p>GRAVEL WELL <b>Yes</b> STRAIGHT WELL _____</p> <p>TYPE SCREEN <b>S.S. W.W. GAGE .045"</b></p> <p>TEMPERATURE OF WATER <b>78° F.</b></p> <p>WATER CONDITION _____</p>
---	--

<p style="text-align: center;"><b>WATER MEASURING DEVICE</b></p> <p>ORIFICE SIZE <b>8" x 6"</b> LENGTH <b>4'</b></p> <p>OTHER _____</p>	<p style="text-align: center;"><b>TEST PUMP DATA</b></p> <p>DEPTH SETTING TOP OF BOWL <b>340'</b></p> <p>LENGTH AIR LINE <b>340'</b> SIZE <b>1/4"</b></p> <p>TYPE BOWL <b>THC</b> <b>10"</b> NO. STAGES <b>14</b></p> <p>LENGTH BOWL _____ SUCTION LT. _____</p>
---	--

<p>SAND CONTENT _____ OZ. PER 100 GAL _____</p> <p>ACTIVE STATIC HEAD AFTER PUMP STOPPED</p> <table style="width: 100%;"> <tr> <td>5 MIN. FT.</td> <td>20 MIN. FT.</td> </tr> <tr> <td>10 MIN. FT.</td> <td>25 MIN. FT.</td> </tr> <tr> <td>15 MIN. FT.</td> <td>30 MIN. FT.</td> </tr> </table>	5 MIN. FT.	20 MIN. FT.	10 MIN. FT.	25 MIN. FT.	15 MIN. FT.	30 MIN. FT.	<p>WATER SAMPLE TAKEN _____ NO. SAMPLES _____</p> <p>BACTERIOLOGICAL SAMPLE TAKEN _____</p> <p>DRAWDOWN _____ SPECIFIC CAPACITY _____</p>
5 MIN. FT.	20 MIN. FT.						
10 MIN. FT.	25 MIN. FT.						
15 MIN. FT.	30 MIN. FT.						

DATE HOUR	AIR LINE GAGE	PUMPING LEVEL	DISCH. PRESS.	HEAD ON ORIFICE INCHES	GPM	RPM	OPERATOR	REMARKS
11:00 PM	78	262		52	1110		J.H.	
11:30	78	262		52	1110			
12:00 M	78	262		52	1110			
12:30 AM	78	262		52	1110		A.E.M.	9/29/65
1:00	78	262		52	1110			
1:30	78	262		52	1110			
2:00	78	262		52	1110			
2:30	78	262		52	1110			
3:00	78	262		52	1110			
3:30	78	262		52	1110			
4:00	78	262		52	1110			
4:30	78	262		52	1110			
5:00	78	262		52	1110			
5:30	78	262		52	1110			
6:00	78	262		52	1110			
6:30	78	262		52	1110			
7:00	78	262		52	1110			
7:30	78	262		52	1110			
8:00	78	262		52	1110		O.G.	
8:30	78	262		52	1110			
9:00	78	262		52	1110			
9:30	78	262		52	1110			
Recovery on page 3								

**OBSERVERS**

J. R. Bardwell  
FOR OWNER

O. Gutzmann  
FOR LAYNE TEXAS CO.

LAYNE TEXAS COMPANY  
HOUSTON -:- DALLAS  
WATER WELL TEST

REPORT NO. 7170  
S. O. 2087-65  
PAGE 3 of 3  
FILE NO. 3047  
DATE 10/1/65

<b>CUSTOMER LOCATION</b> TEST FOR <b>George C. Cox, Inc.</b> LOCATION OF WELL <b>Imperial Valley Subdivision</b> SURVEY _____ FIELD _____ COUNTY <b>Harris</b> STATE <b>Texas</b> DESCRIPTION OF LAND MARKS _____				<b>WELL DATA</b> NAME WELL _____ WELL NO. <b>1</b> ELEVATION _____ DATUM _____ WELL SIZE <b>14" x 8-5/8" x 26" UR</b> TOTAL DEPTH <b>1112.14</b> TOP SCREEN <b>806.61'</b> GRAVEL WELL <b>Yes</b> STRAIGHT WELL _____ TYPE SCREEN <b>S.S. W.W. GAGE .045"</b> TEMPERATURE OF WATER <b>78° F.</b> WATER CONDITION _____				
<b>WATER MEASURING DEVICE</b> ORIFICE SIZE <b>8" x 6"</b> LENGTH <b>4'</b> OTHER _____				<b>TEST PUMP DATA</b> DEPTH SETTING TOP OF BOWL <b>340'</b> LENGTH AIR LINE <b>340'</b> SIZE <b>1/4"</b> TYPE BOWL <b>THC</b> <b>10"</b> NO. STAGES <b>14</b> 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
<b>RECOVERY READINGS</b>			<b>9/29/65</b>					
<b>9:35AM</b>	<b>Stopped</b>	<b>pump</b>			<b>TIME</b>	<b>W.L.</b>		
9:37		215'			1:00PM	210'		
9:40		215			1:15	210		
9:45		215			1:30	210		
9:50		215			1:45	210		
9:55		214			2:00	210		
10:00		214						
10:05		213						
10:10		213						
10:15		213						
10:20		213						
10:25		213						
10:30		213						
10:35		213						
10:45		212						
10:55		212						
11:05		212						
11:15		212						
11:25		212						
11:35		212						
11:45		211						
12:00	N	211						
12:15	PM	211						
12:30		210						
12:45		210						

OBSERVERS

J. R. Bardwell  
FOR OWNER

Otto Gutzmann

FOR LAYNE TEXAS CO.



**MICROBIOLOGY SERVICE LABORATORIES**

water technologists . . chemists . . microbiologists

4 October 1965

To: Layne Texas Company  
Houston, Texas

SO 2087-65

Sample marked: Well No. 1, G. C. Cox Inc., Imperial Valley, Harris Cty, Texas.  
Taken: 9-29-65 after 23 hrs. pumping at 1110 gpm with Turbine Pump.  
Static Head: 210'. Pumping Level: 262'. Screened: 805-1095'.  
Water temp.: 78°F. Otto Gutzmann

Rec'd: 10-1-65

**WATER ANALYSIS**

results in parts per million (mg/l) except as noted

Dissolved Residue at 105°C		273	Conductance, micromhos/cm, 25°C	477
Total Dissolved Solids, actual†		387	Color, units	0
Total Dissolved Solids, calc.		395	Turbidity, units	< 1
Silica	SiO <sub>2</sub>	19	As Calcium Carbonate, CaCO <sub>3</sub> :	
Iron and Aluminum Oxides	R <sub>2</sub> O <sub>3</sub>	0	Phenolphthalein Alkalinity	0
Calcium	Ca	42	Total Alkalinity	184
Magnesium	Mg	5	Total Hardness	124
Sodium (diff.) Na + K as	Na	57	Free Carbon Dioxide	CO <sub>2</sub> 5
Carbonate	CO <sub>3</sub>	0	pH . . . 7.83	
Bicarbonate	HCO <sub>3</sub>	224	<b>HYPOTHETICAL COMBINATIONS</b>	
Sulfate	SO <sub>4</sub>	5	Calcium Bicarbonate	170
Chloride	Cl	43	Magnesium Bicarbonate	28
Total Iron	Fe	0.11	Sodium Bicarbonate	100
			Sodium Sulfate	7
			Sodium Chloride	71
			SiO <sub>2</sub> + R <sub>2</sub> O <sub>3</sub>	<u>19</u>
			Total Dissolved Solids, calc.	395

†Total Dissolved Solids, actual = Dissolved Residue + 50.8% of bicarbonate (HCO<sub>3</sub>) ion

Microbiology Service Laboratories

By: *Edna Wood*  
Edna Wood

65-05-604

5419

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

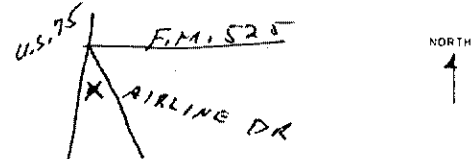
WATER WELL REPORT

For TWDB use only Well No. Located on map Received: Form GW 8 Form GW 9

1) OWNER: Person having well drilled MOBIL OIL CORPORATION Address PO BOX 1740 HO. TEX Landowner SAME

2) LOCATION OF WELL: County HARRIS Labor League Abstract No. NW 1/4 NE 1/4 SW 1/4 SE 1/4 of Section Block No. Survey

16 miles in N direction from HOUSTON TEX (INE, SW, etc) (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 [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 321 ft. Depth of completed well 321 ft. Date drilled 4-20-68 All measurements made from 1 ft. above ground level.

Table with 2 columns: From (ft.) To (ft.) Description and color of formation material. Rows include CLAY, SAND WHITE, CLAY RED, SAND WHITE FINE, CLAY WHITE, SAND WHITE FINE, ROCK, SAND WHITE.

7) COMPLETION (Check): Straight wall [X] Gravel packed [ ] Other [ ] Under reamed [ ] Open hole [ ] 8) WATER LEVEL: Static level 150 ft. below land surface Date 4-20-68 Artesian pressure \_\_\_ lbs. per square inch Date \_\_\_

9) CASING: Type: old [ ] New [X] Steel [X] Plastic [ ] Other [ ] Cemented from \_\_\_ ft. to \_\_\_ ft. 10) SCREEN: Type S.S. UNDER BAR Perforated [X] Slotted [ ]

Table with 2 columns: Diameter (Inches) Setting (From (ft.) To (ft.)) Gage. Rows show diameter 4, setting from 0 to 311, and gage 12.

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 Date \_\_\_ Temperature of water \_\_\_ Was a chemical analysis made? [ ] Yes [X] No Did any strata contain undesirable water? [ ] Yes [X] No Type of water? \_\_\_ depth of strata 34 12) PUMP DATA: Manufacturer's Name STA-RITE Type SUBMERSIBLE H.P. 1 1/2 Designed pumping rate 815 gpm [ ] gph [X] Type power unit ELECT. 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 H & N WATER WELL DRILLING Water Well Drillers Registration No. 334 Address 14605 REEVES TOWN HOUSTON TEX (Signed) A.R. Henderson H & N WATER WELL DRILLING (Company Name)

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

TEXAS WATER DEVELOPMENT BOARD  
WELL SCHEDULE

State Well Number - 65 05 607 Previous Well Number - County - Harris 201  
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 55 51 Longitude - 95 24 39 Source of Coords - 2

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

Owner - Mobil Oil Co. Driller - H and H Water well  
Drilling

Address \_\_\_\_\_ Tenant/Oper. \_\_\_\_\_

Date Drilled - / /1968 Depth - 321 ft. Source of Depth - Altitude - 93 ft. Source of Alt. -  
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User -

WELL Const. Casing  
CONSTRUCTION Method - \_\_\_\_\_ Material - \_\_\_\_\_ | Casing or Blank Pipe (C)  
Screen | Well Screen or Slotted Zone ( )  
Completion - \_\_\_\_\_ Material - \_\_\_\_\_ | Open Hole (O)  
Cemented from \_\_\_\_\_ to \_\_\_\_\_

LIFT DATA - Pump Mfr. \_\_\_\_\_ Type - SUBMERSIBLE PUMP No. Stages \_\_\_\_\_ |  
Bowls Diam. - \_\_\_\_\_ in. Setting - \_\_\_\_\_ ft. Column Diam. - \_\_\_\_\_ in. | Diam. Setting(feet)  
(in.) From To

Motor Mfr. - \_\_\_\_\_ Fuel or Power - ELECTRIC MOTOR Horsepower - | 1| C 4 0 311  
2| S 4 311 321

YIELD Flow- \_\_\_\_\_ GPM Pump- \_\_\_\_\_ GPM Meas., Rept., Est- \_\_\_\_\_ Date- \_\_\_\_\_ | 3|  
4|

PERFORMANCE TEST Date- \_\_\_\_\_ Length of Test- \_\_\_\_\_ Production- \_\_\_\_\_ GPM | 5|  
6|

Static Level- \_\_\_\_\_ ft. Pumping Level- \_\_\_\_\_ ft. Drawdown- \_\_\_\_\_ ft. Sp.Cap.- \_\_\_\_\_ GPM/ft | 7|  
8|

QUALITY (Remarks- \_\_\_\_\_ | 9|  
10|

WATER USE Primary- INDUSTRIAL Secondary- \_\_\_\_\_ Tertiary- \_\_\_\_\_ | 11|  
12|

OTHER DATA AVAILAIBLE Water Levels- M Quality- N Logs- Other Data- | 13|  
14|

WATER LEVELS Date- 00/00/1968 Measurement- 150.00 | 15|  
Date- / / Measurement- | 16|  
17|

Recorded By \_\_\_\_\_ Date Record Collected or Updated- 08/21/2002 | 18|  
19|

Reporting Agency - TEXAS WATER DEVELOPMENT BOARD

REMARKS -  
TWDB R178: Supplies service station

Sup V W.F. 59

1) OWNER Presearch Partners (Name) Address 7517 Alabamson (Street or RFD) Houston (City) TX (State) 77058 (Zip)

2) LOCATION OF WELL: N. Houston Roadway (Name) County Harris miles in \_\_\_\_\_ direction from \_\_\_\_\_ (Town)

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

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

See attached map. map on 65-05-9AAA

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

4) PROPOSED USE (Check):  
 Domestic  Industrial  Public Supply  Irrigation  Test Well  Other \_\_\_\_\_

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

6) WELL LOG:  
Date drilled 10-12-83

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
<u>6 3/4</u>	Surface	<u>365</u>

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	8) CASING, BLANK PIPE, AND WELL SCREEN DATA:
0	16	Top Soil + Clay	Dia. (in.) New or Used Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial Setting (ft.) From To Gage Casing Screen
16	22	Sand	
22	39	Clay	4 N Galv Steel 287 337
39	90	Sand + Clay	2 1/2 N Galv Steel 330 341
90	145	Sand	2 1/2 N P.V.C. 341 361 .016
145	165	Sandy Clay	
165	210	Sand + Clay Break	
210	255	Sand + Rock	
255	270	Clay	
270	307	Sand	
307	309	Clay	
309	329	Sand	
329	340	Clay	
340	361	Sand	
361	365	Clay	

CEMENTING DATA 10

Cemented from 287 ft. to 337 ft.  
 Method used Galiburton  
 Cemented by Russell + Son, Inc. (Company or Individual)

9) WATER LEVEL:  
 Static level 196 ft. below land surface Date 10-13-83  
 Artesian flow \_\_\_\_\_ gpm. Date \_\_\_\_\_

**RECEIVED**  
MAR 11 1985

10) PACKERS: Type \_\_\_\_\_ Depth \_\_\_\_\_

**DEPT OF WATER RESOURCES**

(Use reverse side if necessary)

11) TYPE PUMP:  
 Turbine  Jet  Submersible  Cylinder  
 Other \_\_\_\_\_  
 Depth to pump bowls, cylinder, jet, etc., \_\_\_\_\_ ft.

12) WELL TESTS:  
 Type Test:  Pump  Bailer  Jetted  Estimated  
 Yield: \_\_\_\_\_ gpm with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.

I hereby certify that this well was drilled by 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. Russell (Type or Print) Water Well Drillers Registration No. 2035

ADDRESS P.O. Box 874 (Street or RFD) Pomona (City) OK (State) 74375 (Zip)

(Signed) Craig Russell (Water Well Driller) Russell + Son, Inc (Company Name)

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

4820113814

(102)

102

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. 48-01-700  
Located on map  
Received: 9/2/77

1) OWNER:  
Person having well drilled John B. Patella (Name) Address 15432 Chipman Houston (Street or RFD) (City) (State)  
Landowner Same (Name) Address Same (Street or RFD) (City) (State)

2) LOCATION OF WELL:  
County BARRIS, 12 miles in N. direction from Houston (N.E., S.W., etc.) (Town)

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

15432 Chipman Ln.  
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 6 1/2 in. Depth drilled 266 ft. Depth of completed well 295 ft. Date drilled 6/29/77  
All measurements made from 4' ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	9) Casing: Type: Old _____ New <input checked="" type="checkbox"/> Steel _____ Plastic <input checked="" type="checkbox"/> Other _____ Cemented from <u>210</u> ft. to <u>260</u> ft.
0-22		Top Soil & clay	
22-64		clay + sandy clay	Diameter (inches) _____ Setting From (ft.) _____ To (ft.) _____ Gage _____
64-106		clay	4" 0- 260 Sch 40
106-148		clay + sand strips	
148-169		clay + sand	
169-190		clay + sand	
190-253		clay	
253-295		clay + sand	

10) SCREEN:  
Type w/w  
Perforated  Slotted \_\_\_\_\_  
Diameter (inches) 2" Setting From (ft.) 275 To (ft.) 295 Slot Size 0.14/0.16

7) COMPLETION (Check):  
Sraight wall  Gravel packed \_\_\_\_\_ Other \_\_\_\_\_  
Under reamed \_\_\_\_\_ Open Hole \_\_\_\_\_

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 \_\_\_\_\_

8) WATER LEVEL:  
Static level 199 ft. below land surface Date 6/29/77  
Artesian pressure \_\_\_\_\_ lbs. per square inch Date \_\_\_\_\_  
Depth to pump bowls, cylinder, jet, etc., 232' ft. below land surface.

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 TX 77088 (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.

4820112952

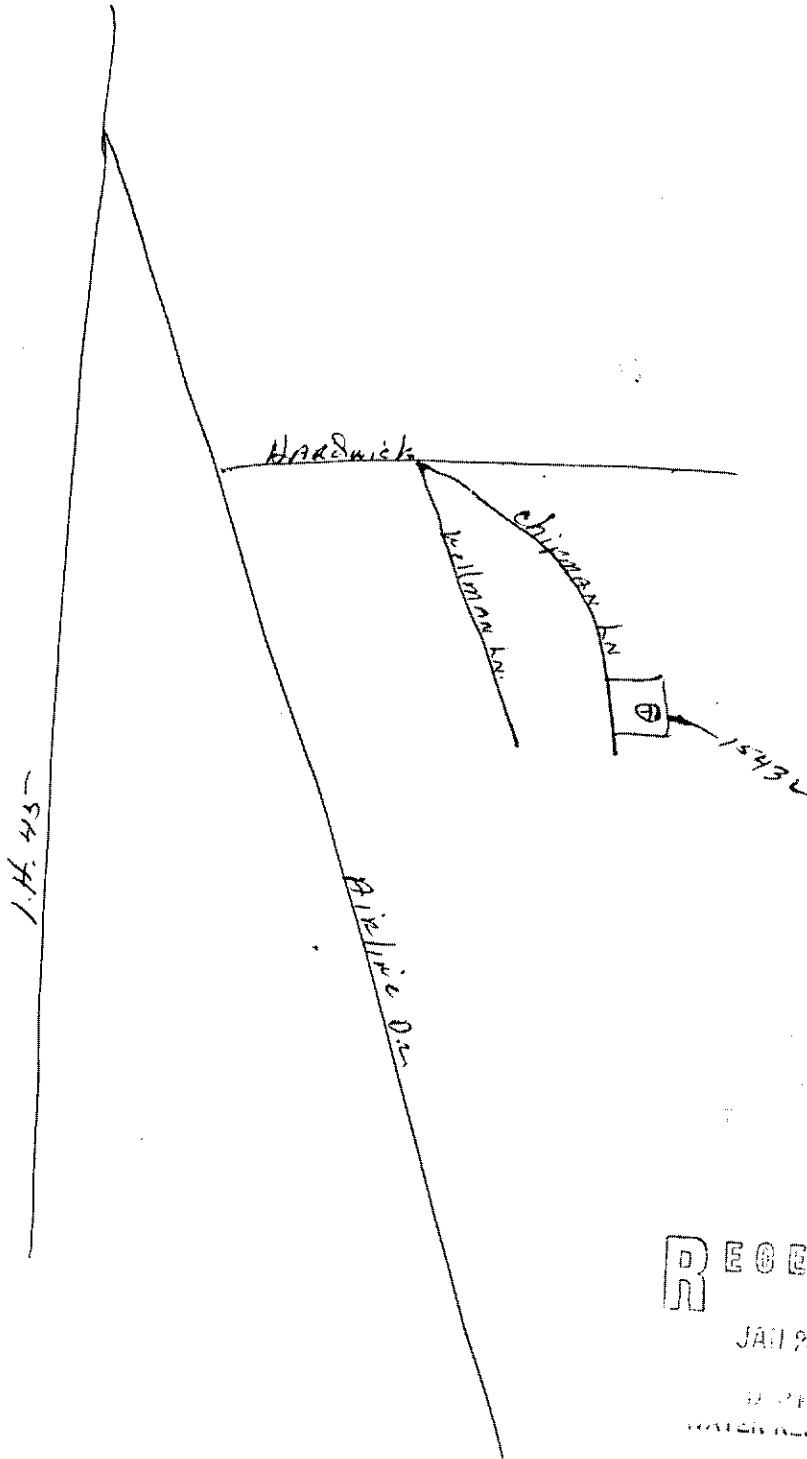
2) LOCATION OF WELL:

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 20 1978

DEPT OF  
WATER RESOURCES

06/27/2016  
 09:06:09

Texas Commission on Environmental Quality  
 DWW Water System Summary Sheet

PWS ID	PWS Name	Central Registry RN
TX1011804	GREENSPOINT PLAZA INN	RN101215887

Organization/Customer *	Central Registry CN
TEXAS MARUTI HOSPITAL CO INC	

\*Regulatory mail will be addressed to this organization/person

All Water System Contacts			
Type	Contact	Communication	
AC - Administrative Contact	TEXAS MARUTI HOSPITAL CO INC 15814 CUTTEN RD HOUSTON, TX 77070-2077		
FC - Financial Contact	ADATIA, DIAMOND 15814 CUTTEN RD HOUSTON, TX 77070-2077	<b>Phone Type</b>	<b>Value</b>
		BUS - Business	281-447-6311
OW - Owner	TEXAS MARUTI HOSPITAL CO INC 15814 CUTTEN RD HOUSTON, TX 77070-2077		

Operator Grade	Number
WATER OPERATOR Grade A	1

Water Operator Licenses		
<b>License Holder:</b>	WALLACE, DAVID L	
CURRENT	Class: A - WATER OPERATOR	WO0024796

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

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

Population Type	Population Served	# of Connect	# I/C w/other PWS
Residential	480	160	0

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

Activity Status	Inactivation Date
I - INACTIVE	08/11/2004

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

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP001	TRT-TAP / No Source Listed(I)	TEXAS MARUTI HOSPITA(I)	TP6397		NO		NO

Train: Unnamed				
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	423	HYPOCHLORINATION, PRE
null	null	S	460	ION EXCHANGE

(Active Sources)
------------------

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth
G1011804B	2 - BY WASHATERIA / W WELL	O	324
G1011804A	1 - BY WASHATERIA / E WELL	O	325

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



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

L 65-05-6WW

1) OWNER Greenspoint Inn Address 11211 IH 45 Houston, Texas 77037  
(Name) (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: Harris N N I Houston  
County (miles in) direction from (Town)

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 Oct. 82

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6	Surface	328
3 3/4	"	304

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

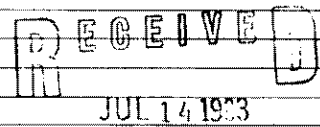
From (ft.)	To (ft.)	Description and color of formation material	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgt., if commercial	Setting (ft.)	Gage Casing Screen
		Top of rotary --5' above GL					
0	25	red clay	6	N	6", black steel casing		
25	40	red sand					
40	150	red & white clay					
150	252	clay with rock streaks	4	N	4" lap pipe	296	304
252	264	fine sand	4	N	SS Rod base screen	304	324
264	304	clay	4	N	liner & set shoe	324	326
304	327	sand					
327	328	clay					

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

CEMENTING DATA

Cemented from GL ft. to 301' ft.  
Method used Halliburton  
Cemented by Swinehart Co.  
(Company or Individual)

9) WATER LEVEL:  
Static level 201' ft. below land surface Date 14 Oct. 82  
Artesian flow \_\_\_\_\_ gpm. Date \_\_\_\_\_



10) PACKERS: Type Depth  
6"x4" lead seal set 296' Top of casing.

11) TYPE PUMP:  
 Turbine  Jet  Submersible  Cylinder  
 Other \_\_\_\_\_  
Depth to pump bowls, cylinder, jet, etc., 290' ft.  
1536-16-3/4 set on 3" galvanized.

12) WELL TESTS:  
 Type Test  Pump  Bailor  Jetted  Estimated  
Yield: 150 gpm with 39 ft. drawdown after 1 hrs.

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

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

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

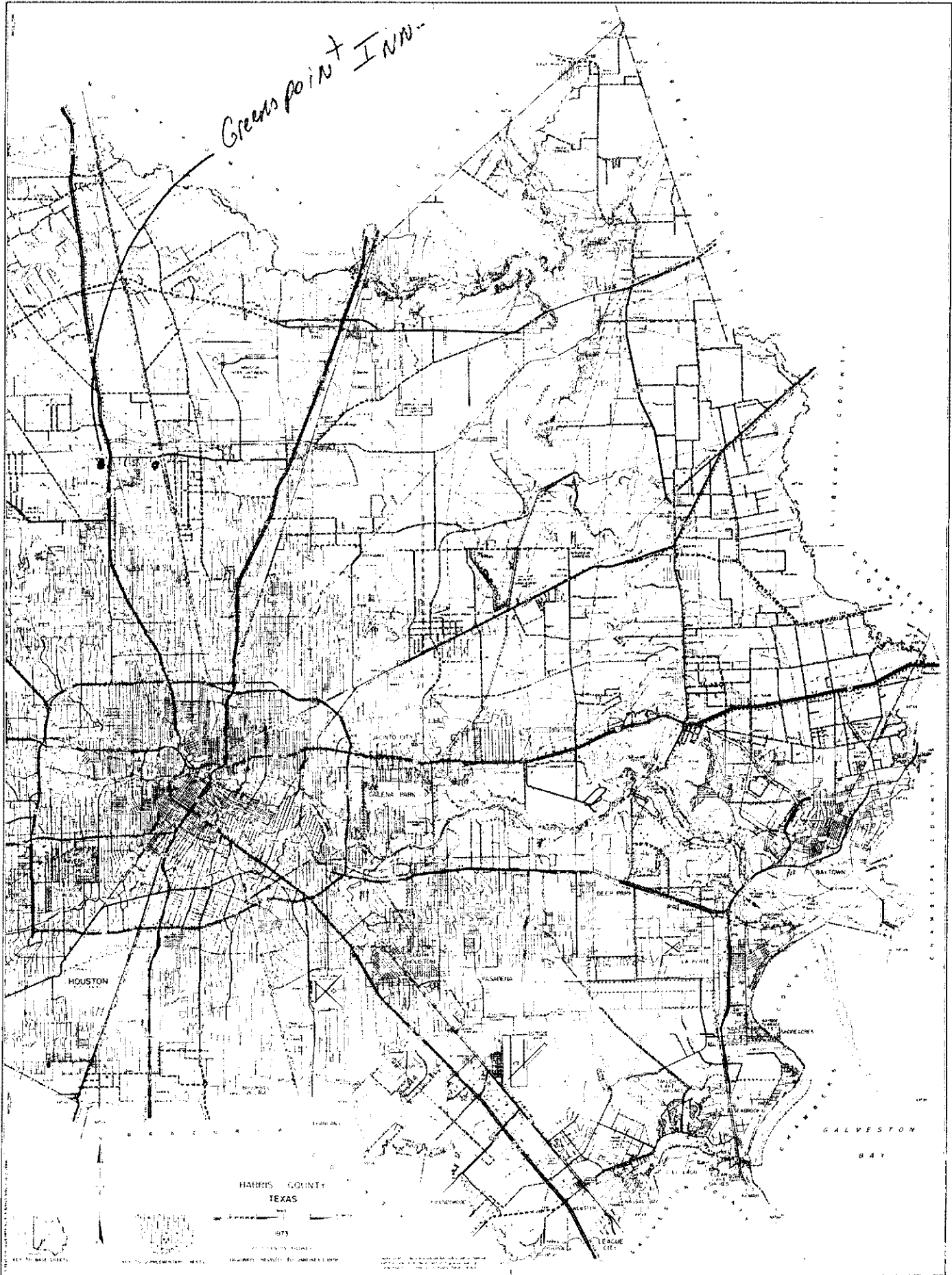
(Signed) [Signature] (Signed) \_\_\_\_\_  
(Licensed Water Well Driller) (Registered Driller Trainee)

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

For TDWR use on Well No. 65-05-6416 Located on map Y23C-F3

4820111973

*Greenspoint INN*



201 104 A-21500 518254

HARRIS COUNTY  
TEXAS

1973

ALL RIGHTS RESERVED. NO PART OF THIS PUBLICATION MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.

TEXAS WATER DEVELOPMENT BOARD  
WELL SCHEDULE

State Well Number - 65 05 625 Previous Well Number - County - Harris 201  
River Basin - San Jacinto River - 10 Zone - 1 Latitude - 29 55 40 Longitude - 95 24 56 Source of Coords - 2

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

Owner - Greensport Inn Driller - B.J. Swinehart Co  
Inc

Address \_\_\_\_\_ Tenant/Oper. \_\_\_\_\_

Date Drilled - / /1982 Depth - 326 ft. Source of Depth - D Altitude - 91 ft. Source of Alt. - M  
Aquifer - 112CHCT CHICOT AQUIFER Well Type - W User -

WELL Const. Casing  
CONSTRUCTION Method - \_\_\_\_\_ Material - \_\_\_\_\_ | Casing or Blank Pipe (C)  
Screen | Well Screen or Slotted Zone ( )  
Completion - \_\_\_\_\_ Material - \_\_\_\_\_ | Open Hole (O)  
Cemented from \_\_\_\_\_ to \_\_\_\_\_

LIFT DATA - Pump Mfr. \_\_\_\_\_ Type - \_\_\_\_\_ No. Stages \_\_\_\_\_ | Diam. Setting(feet)  
(in.) From To

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- DOMESTIC Secondary- \_\_\_\_\_ Tertiary- \_\_\_\_\_

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

WATER LEVELS Date- 10/14/1982 Measurement- -201.00  
Date- / / Measurement-

Recorded By \_\_\_\_\_ Date Record Collected or Updated- 12/ /1988

Reporting Agency - UNITED STATES GEOLOGICAL SURVEY

REMARKS -  
Reported yield 150 gpm with 39 ft  
drawdown.

Aquifer - 112CHCT  
Well No. - 65 05 625

WL # 14 ✓ Dup

State of Texas WATER WELL REPORT  
Send 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. 65-05-4KK, Located on map YES, Received: BLW

1) OWNER John Battella (Name) Address 15432 Chipman (Street or RFD) Hou. (City) Subo 77060 (State) (Zip)  
2) LOCATION OF WELL: Maxline St. (Name) 13 miles in N. direction from Hou. (Town)  
County DALLAS

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 July 29, 81  
DIAMETER OF HOLE: Dia. (in.) From (ft.) To (ft.)  
6 3/4 Surface 295  
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	Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	To	Gage Casing Screen
0'	29'	Top Soil + Clay						
29'	46'	Sand						
46'	131'	Clay	4	N	Galv. Steel	0	285	
131'	197'	Sand	2	N	PLASTIC	285	295	0.020
197'	260'	Clay						
260'	297'	Sand						

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:  
CEMENTING DATA  
Cemented from 235 ft. to 285 ft.  
Method used Haliburton  
Cemented by Russell + Son, Inc. (Company or Individual)

9) WATER LEVEL:  
Static level 186 ft. below land surface Date July 29, 81  
Artesian flow \_\_\_\_\_ gpm. Date \_\_\_\_\_

10) PACKERS: Type Depth

11) TYPE PUMP:  
 Turbine  Jet  Submersible  Cylinder  
 Other  
Depth to pump bowls, cylinder, jet, etc., 1168 ft.

12) WELL TESTS:  
 Type Test  Pump  Bailor  Jetted  Estimated  
Yield: 25 gpm with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
13) WATER QUALITY:  
Did you knowingly penetrate any strata which contained undesirable water?  Yes  No  
If yes, submit "REPORT OF UNDESIRABLE WATER"  
Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_  
Was a chemical analysis made?  Yes  No

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

482011692

## Dataset Descriptions and Sources

Dataset	Source	Dataset Description	Update Schedule	Data Requested	Data Obtained	Data Updated	Source Updated
TX HGSD - Texas HGSD	Harris Galveston Subsidence District/Fort Bend Subsidence District	This dataset contains all groundwater well records compiled by Harris Galveston Subsidence District/Fort Bend Subsidence District.	Quarterly	03/14/2016	03/23/2016	04/10/2016	03/23/2016
TX TCEQ HIST - Texas TCEQ Historical	Texas Commission on Environmental Quality	This dataset contains all historical water well records searched from the TCEQ Public Water Well Viewer. Banks Environmental Data plots each well record based on location information found on the log.	As requested	N/A	N/A	N/A	N/A
TX TCEQ PWS - Texas TCEQ PWS	Texas Commission on Environmental Quality	This dataset contains a collection of records from Texas Water Districts, Public Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ.	Quarterly	03/14/2016	04/04/2016	04/10/2016	04/04/2016
TX TWDB GW - Texas TWDB Groundwater Database	Texas Water Development Board	This dataset contains water well records contained within Texas Water Development Board Groundwater Database.	Quarterly	04/08/2016	04/08/2016	04/10/2016	03/01/2016
TX TWDB SDR - Texas TWDB Submitted Drillers Reports	Texas Water Development Board	This dataset contains water well records from the Texas Water Development Board Submitted Drillers Reports Database.	Quarterly	04/05/2016	04/05/2016	04/10/2016	04/04/2016
WW USGS - USGS Water Wells	U.S. Geological Survey	This dataset contains groundwater well records from the U.S. Geological Survey.	Biannually	03/28/2016	03/28/2016	04/10/2016	03/28/2016

## Disclaimer



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