

[GWDB Reports and Downloads](#)

Well Basic Details

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State Well Number	5903437
County	Robertson
River Basin	Brazos
Groundwater Management Area	12
Regional Water Planning Area	G - Brazos G
Groundwater Conservation District	Brazos Valley GCD
Latitude (decimal degrees)	30.938611
Latitude (degrees minutes seconds)	30° 56' 19" N
Longitude (decimal degrees)	-96.741667
Longitude (degrees minutes seconds)	096° 44' 30" W
Coordinate Source	+/- 1 Second
Aquifer Code	124SMBR - Simsboro Sand Member of Rockdale Formation
Aquifer	Carrizo-Wilcox
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	290
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	460
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	0/0/1975
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	GCD Current Site Visit
Water Quality Available	Yes
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Lee Fazzino Sr.
Driller	G. P. Brien
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	11/12/1992
Last Update Date	9/5/2014

Remarks Historical observation well.

Casing						
Diameter (in.)	Casing Type	Casing Material	Schedule	Gauge	Top Depth (ft.)	Bottom Depth (ft.)
4	Blank				0	160
2	Screen				450	460

Well Tests - No Data

Lithology - No Data

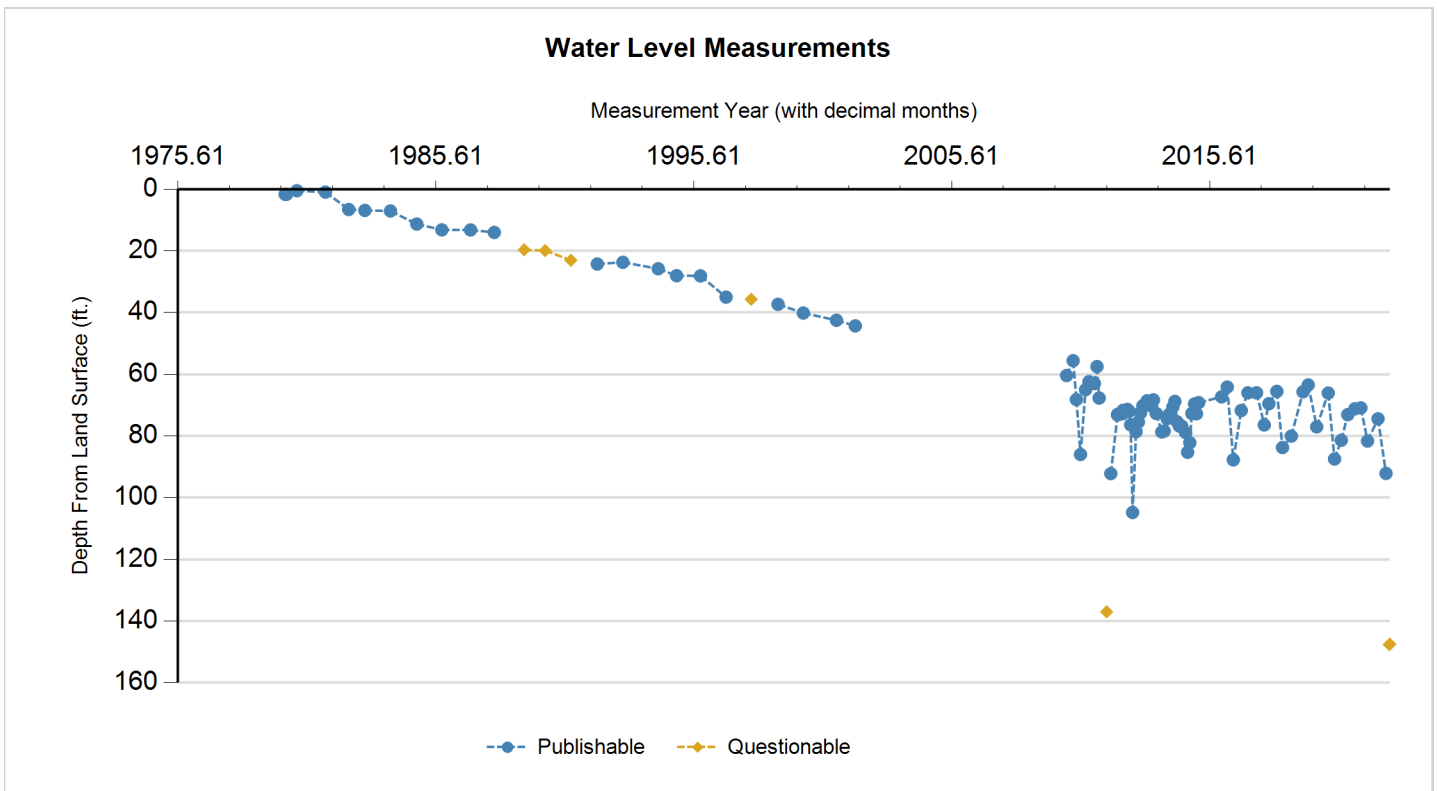
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in () indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
X	8/12/1975					1	Registered Water Well Driller		27	
P	10/9/1979		1.65		288.35	1	Other or Source of Measurement Unknown	Unknown		
P	10/29/1979		1.65	0.00	288.35	1	Texas Water Development Board	Steel Tape		
P	3/20/1980		0.5	(1.15)	289.5	1	Texas Water Development Board	Steel Tape		
P	4/29/1981		0.95	0.45	289.05	1	Texas Water Development Board	Steel Tape		
P	3/24/1982		6.6	5.65	283.4	1	Texas Water Development Board	Steel Tape		
P	11/12/1982		6.88	0.28	283.12	1	Texas Water Development Board	Steel Tape		
P	11/9/1983		7.07	0.19	282.93	1	Texas Water Development Board	Steel Tape		
P	11/16/1984		11.3	4.23	278.7	1	Texas Water Development Board	Steel Tape		
P	11/6/1985		13.19	1.89	276.81	1	Texas Water Development Board	Steel Tape		
P	12/17/1986		13.22	0.03	276.78	1	Texas Water Development Board	Steel Tape		
P	11/18/1987		14.02	0.80	275.98	1	Texas Water Development Board	Steel Tape		
Q	1/11/1989		19.65	5.63	270.35	1	Texas Water Development Board	Steel Tape	2	
Q	11/8/1989		19.9	0.25	270.1	1	Texas Water Development Board	Steel Tape	2	
Q	11/7/1990		23.05	3.15	266.95	1	Texas Water Development Board	Steel Tape	2	
P	11/15/1991		24.26	1.21	265.74	1	Texas Water Development Board	Steel Tape		
P	11/12/1992		23.7	(0.56)	266.3	1	Texas Water Development Board	Steel Tape		
P	3/22/1994		25.8	2.10	264.2	1	Texas Water Development Board	Steel Tape		
P	12/12/1994		28.05	2.25	261.95	1	Texas Water Development Board	Steel Tape		
P	11/15/1995		28.1	0.05	261.9	1	Texas Water Development Board	Steel Tape		
P	11/12/1996		35	6.90	255	1	Texas Water Development Board	Steel Tape		

**Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number
59-03-437**

Status Code	Date	Time	Water Level (ft. below land surface)	Change value in () indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
Q	11/3/1997		35.7	0.70	254.3	1	Texas Water Development Board	Steel Tape	2	
P	11/17/1998		37.32	1.62	252.68	1	Texas Water Development Board	Steel Tape		
P	11/9/1999		40.15	2.83	249.85	1	Texas Water Development Board	Steel Tape		
P	2/19/2001		42.5	2.35	247.5	1	Texas Water Development Board	Steel Tape		
P	11/15/2001		44.31	1.81	245.69	1	Texas Water Development Board	Steel Tape		
X	11/11/2002					1	Texas Water Development Board		30	
X	10/9/2003					1	Texas Water Development Board		30	
X	2/26/2005					1	Texas Water Development Board		30	
X	12/14/2005					1	Texas Water Development Board		30	
P	1/19/2010		60.4		229.6	1	Groundwater Conservation District	Sonic/Laser Device		
P	4/22/2010		55.6	(4.80)	234.4	1	Groundwater Conservation District	Sonic/Laser Device		
P	6/8/2010		68.2	12.60	221.8	1	Groundwater Conservation District	Sonic/Laser Device		
P	8/6/2010		86	17.80	204	1	Groundwater Conservation District	Sonic/Laser Device		
P	10/18/2010		65	(21.00)	225	1	Groundwater Conservation District	Sonic/Laser Device		
P	12/6/2010		62.4	(2.60)	227.6	1	Groundwater Conservation District	Sonic/Laser Device		
P	2/17/2011		63	0.60	227	1	Groundwater Conservation District	Sonic/Laser Device		
P	3/24/2011		57.5	(5.50)	232.5	1	Groundwater Conservation District	Sonic/Laser Device		
P	4/25/2011		67.7	10.20	222.3	1	Groundwater Conservation District	Sonic/Laser Device		
Q	8/11/2011		137	69.30	153	1	Groundwater Conservation District	Sonic/Laser Device	12	
P	10/10/2011		92.2	(44.80)	197.8	1	Groundwater Conservation District	Sonic/Laser Device		
P	1/10/2012		73.2	(19.00)	216.8	1	Groundwater Conservation District	Sonic/Laser Device		
P	1/11/2012		73	(0.20)	217	1	Groundwater Conservation District	Sonic/Laser Device		
P	3/20/2012		72.8	(0.20)	217.2	1	Groundwater Conservation District	Sonic/Laser Device		
P	3/27/2012		71.7	(1.10)	218.3	1	Groundwater Conservation District	Sonic/Laser Device		
P	5/31/2012		71.4	(0.30)	218.6	1	Groundwater Conservation District	Sonic/Laser Device		
P	6/26/2012		72	0.60	218	1	Groundwater Conservation District	Sonic/Laser Device		
P	7/16/2012		76.4	4.40	213.6	1	Groundwater Conservation District	Sonic/Laser Device		
P	8/13/2012		104.8	28.40	185.2	1	Groundwater Conservation District	Sonic/Laser Device		
P	10/2/2012		78.6	(26.20)	211.4	1	Groundwater Conservation District	Sonic/Laser Device		
P	11/5/2012		75.5	(3.10)	214.5	1	Groundwater Conservation District	Sonic/Laser Device		
P	12/6/2012		72.5	(3.00)	217.5	1	Groundwater Conservation District	Sonic/Laser Device		

**Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number
59-03-437**

Status Code	Date	Time	Water Level (ft. below land surface)	Change value in () indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	1/3/2013		70.2	(2.30)	219.8	1	Groundwater Conservation District	Sonic/Laser Device		
P	2/7/2013		69.8	(0.40)	220.2	1	Groundwater Conservation District	Sonic/Laser Device		
P	3/4/2013		68.6	(1.20)	221.4	1	Groundwater Conservation District	Sonic/Laser Device		
P	4/2/2013		69.1	0.50	220.9	1	Groundwater Conservation District	Sonic/Laser Device		
P	5/6/2013		70.3	1.20	219.7	1	Groundwater Conservation District	Sonic/Laser Device		
P	6/3/2013		68.3	(2.00)	221.7	1	Groundwater Conservation District	Sonic/Laser Device		
P	7/12/2013		72.7	4.40	217.3	1	Groundwater Conservation District	Sonic/Laser Device		
P	10/1/2013		78.7	6.00	211.3	1	Groundwater Conservation District	Sonic/Laser Device		
P	11/5/2013		78.4	(0.30)	211.6	1	Groundwater Conservation District	Sonic/Laser Device		
P	12/16/2013		74.4	(4.00)	215.6	1	Groundwater Conservation District	Sonic/Laser Device		
P	1/3/2014		73.2	(1.20)	216.8	1	Groundwater Conservation District	Sonic/Laser Device		
P	2/3/2014		72.6	(0.60)	217.4	1	Groundwater Conservation District	Sonic/Laser Device		
P	3/3/2014		70.6	(2.00)	219.4	1	Groundwater Conservation District	Sonic/Laser Device		
P	4/1/2014		68.8	(1.80)	221.2	1	Groundwater Conservation District	Sonic/Laser Device		
P	5/2/2014		75.4	6.60	214.6	1	Groundwater Conservation District	Sonic/Laser Device		
P	6/5/2014		76.8	1.40	213.2	1	Groundwater Conservation District	Sonic/Laser Device		
P	7/7/2014		76.8	0.00	213.2	1	Groundwater Conservation District	Sonic/Laser Device		
P	9/4/2014		78.9	2.10	211.1	1	Groundwater Conservation District	Sonic/Laser Device		
P	10/1/2014		85.3	6.40	204.7	1	Groundwater Conservation District	Sonic/Laser Device		
P	11/3/2014		82.2	(3.10)	207.8	1	Groundwater Conservation District	Sonic/Laser Device		
P	12/1/2014		72.7	(9.50)	217.3	1	Groundwater Conservation District	Sonic/Laser Device		
P	1/5/2015		69.6	(3.10)	220.4	1	Groundwater Conservation District	Sonic/Laser Device		
P	2/2/2015		72.8	3.20	217.2	1	Groundwater Conservation District	Sonic/Laser Device		
P	3/2/2015		69.2	(3.60)	220.8	1	Groundwater Conservation District	Electric Line		
P	1/22/2016		67.33	(1.87)	222.67	1	Groundwater Conservation District	Electric Line		
P	4/12/2016		64.16	(3.17)	225.84	1	Groundwater Conservation District	Electric Line		
P	7/8/2016		87.74	23.58	202.26	1	Groundwater Conservation District	Electric Line		

**Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number
59-03-437**

Status Code	Date	Time	Water Level (ft. below land surface)	Change value in () indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	10/30/2016		71.75	(15.99)	218.25	1	Groundwater Conservation District	Electric Line		
P	1/29/2017		66.02	(5.73)	223.98	1	Groundwater Conservation District	Electric Line		
P	6/2/2017		66.02	0.00	223.98	1	Groundwater Conservation District	Electric Line		
P	9/21/2017	13:2	76.42	10.40	213.58	1	Groundwater Conservation District	Electric Line		
P	11/26/2017	17:1	69.56	(6.86)	220.44	1	Groundwater Conservation District	Steel Tape		
P	3/14/2018	10:5	65.55	(4.01)	224.45	1	Groundwater Conservation District	Electric Line		
P	6/4/2018	12:1	83.75	18.20	206.25	1	Groundwater Conservation District	Electric Line		
P	10/9/2018		80.04	(3.71)	209.96	1	Groundwater Conservation District	Electric Line		Static < 24 hrs
P	3/19/2019		65.69	(14.35)	224.31	1	Groundwater Conservation District	Electric Line		Static
P	6/3/2019		63.46	(2.23)	226.54	1	Groundwater Conservation District	Steel Tape		Static
P	10/3/2019		77.04	13.58	212.96	1	Groundwater Conservation District	Steel Tape		Static < 24 hrs
P	3/11/2020		66.09	(10.95)	223.91	1	Groundwater Conservation District	Electric Line		Static
P	6/10/2020		87.47	21.38	202.53	1	Groundwater Conservation District	Steel Tape		Static < 24 hrs
P	9/16/2020		81.38	(6.09)	208.62	1	Groundwater Conservation District	Steel Tape		
P	12/17/2020		73.1	(8.28)	216.9	1	Groundwater Conservation District	Steel Tape		
P	3/22/2021		71.2	(1.90)	218.8	1	Groundwater Conservation District	Steel Tape		
P	6/18/2021		70.89	(0.31)	219.11	1	Groundwater Conservation District	Steel Tape		
P	9/22/2021		81.64	10.75	208.36	1	Groundwater Conservation District	Steel Tape		
P	2/15/2022		74.44	(7.20)	215.56	1	Groundwater Conservation District	Steel Tape		
P	6/8/2022		92.14	17.70	197.86	1	Groundwater Conservation District	Electric Line		
Q	7/26/2022		147.65	55.51	142.35	1	Groundwater Conservation District	Steel Tape	12	Farm Pivot
Q	8/2/2022		147.5	(0.15)	142.5	1	Groundwater Conservation District	Sonic/Laser Device	12	

Code Descriptions

Status Code	Status Description
P	Publishable
Q	Questionable
X	No Measurement

Remark ID	Remark Description
2	Pumping-level measurement
12	Uncertain of reason for questionable measurement
27	Well flowing and unable to shut-in
30	Well temporarily inaccessible due to impassable roads, locked gate, etc.

Water Quality Analysis

Sample Date: 3/20/1980 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board
Sampled Aquifer: Simsboro Sand Member of Rockdale Formation
Analyzed Lab: Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved
Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		5	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)		318	mg/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		375.87	mg/L	
00910	CALCIUM (MG/L)		4	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		6	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		43	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.4	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CaCO3)		12	mg/L	
00920	MAGNESIUM (MG/L)		0.5	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)	<	0.1	mg/L	
00400	PH (STANDARD UNITS), FIELD		8.5	SU	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		6.12		
00955	SILICA, DISSOLVED (MG/L AS SiO2)		15	mg/L	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		21.31		
00932	SODIUM, CALCULATED, PERCENT		96	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)		170	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		755	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		2.9	mg/L	
00010	TEMPERATURE, WATER (CELSIUS)		23	C	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		426	mg/L	

Water Quality Analysis

Sample Date: 7/29/1987 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

Sampled Aquifer: Simsboro Sand Member of Rockdale Formation

Analyzed Lab: Texas Department of Health

Reliability: Reliability unknown or not available

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)			5 mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)			316 mg/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)			373.43 mg/L	
00910	CALCIUM (MG/L)			4 mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)			6 mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)			45 mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)			0.4 mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CaCO3)			14 mg/L	
00920	MAGNESIUM (MG/L)			1 mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)			0.04 mg/L	
00400	PH (STANDARD UNITS), FIELD			8.5 SU	
00937	POTASSIUM, TOTAL (MG/L AS K)			1 mg/L	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED			6.04	
00955	SILICA, DISSOLVED (MG/L AS SiO2)			15 mg/L	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)			19.7	
00932	SODIUM, CALCULATED, PERCENT			96 PCT	
00929	SODIUM, TOTAL (MG/L AS Na)			170 mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)			755 MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)			3 mg/L	
00010	TEMPERATURE, WATER (CELSIUS)			25 C	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)			429 mg/L	

* Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (<https://www.twdb.texas.gov/groundwater/data/gwdbbrpt.asp>) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

[GWDB Reports and Downloads](#)

Well Basic Details

[Scanned Documents](#)

State Well Number	5904701
County	Robertson
River Basin	Brazos
Groundwater Management Area	12
Regional Water Planning Area	G - Brazos G
Groundwater Conservation District	Brazos Valley GCD
Latitude (decimal degrees)	30.885834
Latitude (degrees minutes seconds)	30° 53' 09" N
Longitude (decimal degrees)	-96.619444
Longitude (degrees minutes seconds)	096° 37' 10" W
Coordinate Source	Global Positioning System - GPS
Aquifer Code	124SMBR - Simsboro Sand Member of Rockdale Formation
Aquifer	Carrizo-Wilcox
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	296
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	1441
Well Depth Source	Driller's Log
Drilling Start Date	
Drilling End Date	11/13/1942
Drilling Method	Mud (Hydraulic) Rotary
Borehole Completion	Gravel Pack w/Screen

Well Type	Withdrawal of Water
Well Use	Public Supply
Water Level Observation	GCD Current Site Visit
Water Quality Available	Yes
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	City of Hearne Well #4 POW Camp
Driller	Layne-Texas Co.
Other Data Available	Drillers Log
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	G1980004D
Groundwater Conservation District Well Number	
Owner Well Number	4 POW Camp
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	3/13/1998
Last Update Date	4/19/2017

Remarks

Casing						
Diameter (in.)	Casing Type	Casing Material	Schedule	Gauge	Top Depth (ft.)	Bottom Depth (ft.)
10	Blank	Steel			0	110
8	Blank	Steel			0	1203
6	Blank	Steel			1163	1221
6	Screen	Stainless Steel			1221	1261
6	Screen	Stainless Steel			1276	1316
6	Screen	Stainless Steel			1326	1426

Well Tests - No Data

Lithology		
Top Depth (ft.)	Bottom Depth (ft.)	Description
0	40	Yellow Sand
40	46	Shale
46	48	Rock

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number
59-04-701

48	69	Sand
69	73	Shale
73	74	Rock
74	87	Shale
87	264	Sand
264	288	Shale
288	299	Hard Sand
299	300	Rock
300	325	Hard Sand
325	409	Shale and Sand
409	427	Sand
427	493	Shale
493	504	Sandy Shale
504	505	Rock
505	521	Shale
521	522	Rock
522	556	Shale and Sand
556	560	Sand
560	596	Shale and Lignite
596	628	Shale and Sand
628	629	Rock
629	656	Shale
656	678	Sand
678	708	Shale and Sand
708	718	Hard Shale and Sand
718	723	Shale and Sand
723	845	Shale
845	856	Sand
856	901	Shale
901	916	Sand
916	927	Shale
927	943	Gumbo
943	993	Sand
993	1004	Sand and Shale
1004	1045	Shale
1045	1049	Sand and Rock
1049	1062	Sandy Shale
1062	1123	Shale
1123	1190	Sandy Shale
1190	1193	Sandy Shale
1193	1262	Sand
1262	1268	Shale
1268	1315	Sand
1315	1316	Rock
1316	1430	Sand

1430	1440	Shale
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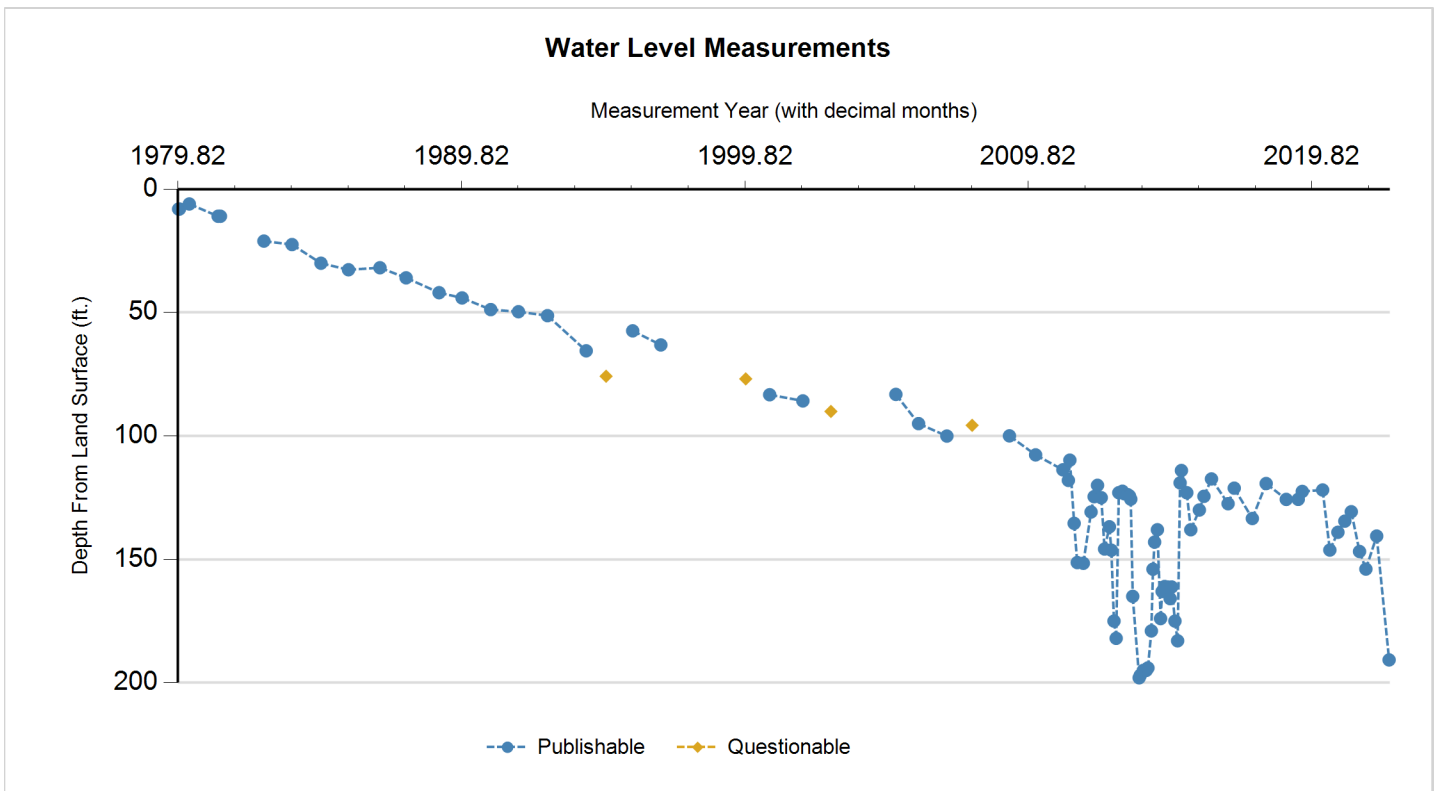
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in () indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	11/9/1979		8.05		287.95	1	Other or Source of Measurement Unknown	Unknown		
P	11/19/1979		8.05	0.00	287.95	1	Texas Water Development Board	Steel Tape		
P	3/21/1980		6	(2.05)	290	1	Texas Water Development Board	Steel Tape		
P	3/27/1981		10.98	4.98	285.02	1	Other or Source of Measurement Unknown	Unknown		
P	4/27/1981		10.98	0.00	285.02	1	Texas Water Development Board	Steel Tape		
X	3/24/1982					1	Texas Water Development Board		19	
P	11/12/1982		21.04		274.96	1	Texas Water Development Board	Steel Tape		
P	11/9/1983		22.45	1.41	273.55	1	Texas Water Development Board	Steel Tape		
P	11/16/1984		30	7.55	266	1	Texas Water Development Board	Steel Tape		
P	11/6/1985		32.65	2.65	263.35	1	Texas Water Development Board	Steel Tape		
P	12/16/1986		31.84	(0.81)	264.16	1	Texas Water Development Board	Steel Tape		
P	11/18/1987		35.92	4.08	260.08	1	Texas Water Development Board	Steel Tape		
P	1/12/1989		41.95	6.03	254.05	1	Texas Water Development Board	Steel Tape		
P	11/8/1989		44.07	2.12	251.93	1	Texas Water Development Board	Steel Tape		
P	11/12/1990		48.79	4.72	247.21	1	Texas Water Development Board	Steel Tape		
P	11/4/1991		49.66	0.87	246.34	1	Texas Water Development Board	Steel Tape		
P	11/13/1992		51.25	1.59	244.75	1	Texas Water Development Board	Steel Tape		
P	3/21/1994		65.5	14.25	230.5	1	Texas Water Development Board	Steel Tape		
Q	12/8/1994		75.8	10.30	220.2	1	Texas Water Development Board	Steel Tape	2	
P	11/15/1995		57.4	(18.40)	238.6	1	Texas Water Development Board	Steel Tape		

**Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number
59-04-701**

Status Code	Date	Time	Water Level (ft. below land surface)	Change value in () indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	11/12/1996		63.12	5.72	232.88	1	Texas Water Development Board	Steel Tape		
X	11/5/1997					1	Texas Water Development Board		19	
X	11/17/1998					1	Texas Water Development Board		19	
Q	11/10/1999		76.88		219.12	1	Texas Water Development Board	Steel Tape	4	
P	9/13/2000		83.3	6.42	212.7	1	Texas Water Development Board	Steel Tape		
P	11/16/2001		85.79	2.49	210.21	1	Texas Water Development Board	Steel Tape		
Q	11/12/2002		90.06	4.27	205.94	1	Texas Water Development Board	Steel Tape	16	
X	10/10/2003					1	Texas Water Development Board		19	
P	2/23/2005		83.15		212.85	1	Texas Water Development Board	Steel Tape		
P	12/15/2005		95	11.85	201	1	Texas Water Development Board	Steel Tape		
P	12/15/2006		100.04	5.04	195.96	1	Texas Water Development Board	Steel Tape		
Q	11/5/2007		95.7	(4.34)	200.3	1	Texas Water Development Board	Steel Tape	4	
P	2/25/2009		99.96	4.26	196.04	1	Texas Water Development Board	Steel Tape		
P	1/27/2010		107.67	7.71	188.33	1	Texas Water Development Board	Steel Tape		
P	1/13/2011		113.72	6.05	182.28	1	Texas Water Development Board	Steel Tape		
P	3/24/2011		118	4.28	178	1	Groundwater Conservation District	Sonic/Laser Device		
P	4/13/2011		109.8	(8.20)	186.2	1	Groundwater Conservation District	Sonic/Laser Device		
P	6/8/2011		135.4	25.60	160.6	1	Groundwater Conservation District	Sonic/Laser Device		
P	7/18/2011		151.3	15.90	144.7	1	Groundwater Conservation District	Sonic/Laser Device		
P	10/6/2011		151.6	0.30	144.4	1	Groundwater Conservation District	Sonic/Laser Device		
P	1/11/2012		130.8	(20.80)	165.2	1	Groundwater Conservation District	Sonic/Laser Device		
P	2/20/2012		124.6	(6.20)	171.4	1	Groundwater Conservation District	Sonic/Laser Device		
P	4/4/2012		120	(4.60)	176	1	Groundwater Conservation District	Sonic/Laser Device		
P	5/22/2012		125	5.00	171	1	Groundwater Conservation District	Sonic/Laser Device		
P	7/5/2012		145.8	20.80	150.2	1	Groundwater Conservation District	Sonic/Laser Device		
P	9/7/2012		136.8	(9.00)	159.2	1	Groundwater Conservation District	Sonic/Laser Device		
P	10/2/2012		146.3	9.50	149.7	1	Groundwater Conservation District	Sonic/Laser Device		
P	11/6/2012		175	28.70	121	1	Groundwater Conservation District	Air Line		
P	12/4/2012		182	7.00	114	1	Groundwater Conservation District	Air Line		
P	1/3/2013		123	(59.00)	173	1	Groundwater Conservation District	Electric Line		
P	2/20/2013		122.4	(0.60)	173.6	1	Groundwater Conservation District	Sonic/Laser Device		
P	3/13/2013		123.4	1.00	172.6	1	Groundwater Conservation District	Sonic/Laser Device		
P	4/29/2013		123.8	0.40	172.2	1	Groundwater Conservation District	Sonic/Laser Device		

**Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number
59-04-701**

Status Code	Date	Time	Water Level (ft. below land surface)	Change value in () indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	5/20/2013		124.3	0.50	171.7	1	Groundwater Conservation District	Sonic/Laser Device		
P	6/7/2013		125.6	1.30	170.4	1	Groundwater Conservation District	Sonic/Laser Device		
P	7/2/2013		165	39.40	131	1	Groundwater Conservation District	Air Line		
P	9/25/2013		198	33.00	98	1	Groundwater Conservation District	Air Line		
P	10/9/2013		197	(1.00)	99	1	Groundwater Conservation District	Air Line		
P	11/19/2013		195	(2.00)	101	1	Groundwater Conservation District	Air Line		
P	12/27/2013		195	0.00	101	1	Groundwater Conservation District	Air Line		
P	1/13/2014		194	(1.00)	102	1	Groundwater Conservation District	Air Line		
P	2/27/2014		179	(15.00)	117	1	Groundwater Conservation District	Air Line		
P	3/18/2014		154	(25.00)	142	1	Groundwater Conservation District	Air Line		
P	4/9/2014		143	(11.00)	153	1	Groundwater Conservation District	Air Line		
P	5/15/2014		138	(5.00)	158	1	Groundwater Conservation District	Air Line		
P	6/26/2014		174	36.00	122	1	Groundwater Conservation District	Sonic/Laser Device		
P	7/16/2014		163	(11.00)	133	1	Groundwater Conservation District	Air Line		
P	8/19/2014		161	(2.00)	135	1	Groundwater Conservation District	Air Line		
P	9/25/2014		161.2	0.20	134.8	1	Groundwater Conservation District	Air Line		
P	10/29/2014		165.9	4.70	130.1	1	Groundwater Conservation District	Air Line		
P	11/19/2014		161.2	(4.70)	134.8	1	Groundwater Conservation District	Air Line		
P	12/31/2014		175	13.80	121	1	Groundwater Conservation District	Air Line		
P	1/30/2015		183	8.00	113	1	Groundwater Conservation District	Air Line		
P	3/2/2015		119	(64.00)	177	1	Groundwater Conservation District	Electric Line		
P	3/19/2015		114	(5.00)	182	1	Groundwater Conservation District	Electric Line		
P	5/28/2015		123	9.00	173	1	Groundwater Conservation District	Electric Line		
P	7/20/2015		138	15.00	158	1	Groundwater Conservation District	Air Line		
P	11/10/2015		130	(8.00)	166	1	Groundwater Conservation District	Electric Line		
P	1/4/2016		124.45	(5.55)	171.55	1	Groundwater Conservation District	Electric Line		
P	4/11/2016		117.42	(7.03)	178.58	1	Groundwater Conservation District	Electric Line		

**Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number
59-04-701**

Status Code	Date	Time	Water Level (ft. below land surface)	Change value in () indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	11/15/2016		127.45	10.03	168.55	1	Groundwater Conservation District	Electric Line		
P	1/29/2017		121.15	(6.30)	174.85	1	Groundwater Conservation District	Electric Line		
P	9/22/2017	15:4	133.45	12.30	162.55	1	Groundwater Conservation District	Steel Tape		
P	3/15/2018	8:08	119.28	(14.17)	176.72	1	Groundwater Conservation District	Steel Tape		
P	12/4/2018		125.7	6.42	170.3	1	Groundwater Conservation District	Steel Tape		Static
P	5/3/2019		125.69	(0.01)	170.31	1	Groundwater Conservation District	Steel Tape		Static
P	6/25/2019		122.48	(3.21)	173.52	1	Groundwater Conservation District	Steel Tape		Static < 24 hrs
P	3/12/2020		121.9	(0.58)	174.1	1	Groundwater Conservation District	Steel Tape		Static
P	6/15/2020		146.23	24.33	149.77	1	Groundwater Conservation District	Steel Tape		Static
P	9/29/2020		139.03	(7.20)	156.97	1	Groundwater Conservation District	Steel Tape		
P	12/28/2020		134.52	(4.51)	161.48	1	Groundwater Conservation District	Steel Tape		
P	3/16/2021		130.71	(3.81)	165.29	1	Groundwater Conservation District	Steel Tape		
P	7/2/2021		146.81	16.10	149.19	1	Groundwater Conservation District	Steel Tape		
P	9/24/2021		153.94	7.13	142.06	1	Groundwater Conservation District	Steel Tape		
P	2/8/2022		140.56	(13.38)	155.44	1	Groundwater Conservation District	Steel Tape		
P	7/18/2022		190.75	50.19	105.25	1	Groundwater Conservation District	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable
Q	Questionable
X	No Measurement

Remark ID	Remark Description
2	Pumping-level measurement
4	Well pumped recently
16	Tape marked with oil or gasoline
19	Well pumping

Water Quality Analysis

Sample Date: 4/6/1943 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Registered Water Well Driller

Sampled Aquifer: Simsboro Sand Member of Rockdale Formation

Analyzed Lab: Curtis Lab

Reliability: Reliability unknown or not available

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)		385.25	mg/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		470.14	mg/L	
00910	CALCIUM (MG/L)		3.6	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		52	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CaCO3)		12	mg/L	
01045	IRON, TOTAL (UG/L AS FE)		200	ug/L	
00920	MAGNESIUM (MG/L)		0.8	mg/L	
00400	PH (STANDARD UNITS), FIELD		8	SU	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		7.46		
00955	SILICA, DISSOLVED (MG/L AS SiO2)		21	mg/L	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		33.07		
00932	SODIUM, CALCULATED, PERCENT		97	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)	calculate d	208	mg/L	
00945	SULFATE, TOTAL (MG/L AS SO4)		0	mg/L	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		516	mg/L	

Water Quality Analysis

Sample Date: 11/10/1943 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Municipal Water Agency or Public Water Supply Corp

Sampled Aquifer: Simsboro Sand Member of Rockdale Formation

Analyzed Lab: **Reliability:** Reliability unknown or not available

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)		349.9	mg/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		427	mg/L	
00910	CALCIUM (MG/L)		3.4	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		48	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.4	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CaCO3)		15	mg/L	
00920	MAGNESIUM (MG/L)		1.8	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)		0	mg/L	
00400	PH (STANDARD UNITS), FIELD		8.5	SU	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		6.68		
00955	SILICA, DISSOLVED (MG/L AS SiO2)		25	mg/L	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		23.88		
00932	SODIUM, CALCULATED, PERCENT		96	PCT	
00929	SODIUM, TOTAL (MG/L AS Na)	calculate d	187	mg/L	
00945	SULFATE, TOTAL (MG/L AS SO4)		3	mg/L	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		478	mg/L	

Water Quality Analysis

Sample Date: 12/0/1956 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Department of Health

Sampled Aquifer: Simsboro Sand Member of Rockdale Formation

Analyzed Lab: Texas Department of Health

Reliability: Reliability unknown or not available

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)		296.72	mg/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		362.1	mg/L	
00910	CALCIUM (MG/L)		4	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		50	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.4	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CaCO3)		18	mg/L	
01045	IRON, TOTAL (UG/L AS FE)		300	ug/L	
00920	MAGNESIUM (MG/L)		2	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)	<	0.4	mg/L	
00400	PH (STANDARD UNITS), FIELD		8.2	SU	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		5.57		
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		19.27		
00932	SODIUM, CALCULATED, PERCENT		95	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)	calculate d	189	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		830	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		27	mg/L	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		450	mg/L	

Water Quality Analysis

Sample Date: 7/22/1980 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board
Sampled Aquifer: Simsboro Sand Member of Rockdale Formation
Analyzed Lab: Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved
Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		11	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)		345	mg/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		394.17	mg/L	
00910	CALCIUM (MG/L)		2.8	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		13.2	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		51	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.4	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CaCO3)		9	mg/L	
00920	MAGNESIUM (MG/L)		0.73	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)	<	0.1	mg/L	
00400	PH (STANDARD UNITS), FIELD		8.8	SU	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		6.7		
00955	SILICA, DISSOLVED (MG/L AS SiO2)		17	mg/L	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		23.37		
00932	SODIUM, CALCULATED, PERCENT		97	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)		183	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		805	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		1.9	mg/L	
00010	TEMPERATURE, WATER (CELSIUS)		21	C	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		463	mg/L	

Water Quality Analysis

Sample Date: 7/29/1987 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

Sampled Aquifer: Simsboro Sand Member of Rockdale Formation

Analyzed Lab: Texas Department of Health

Reliability: Reliability unknown or not available

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		7	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)		339	mg/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		396.61	mg/L	
00910	CALCIUM (MG/L)		3	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		8.4	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		41	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.4	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CaCO3)		11	mg/L	
01045	IRON, TOTAL (UG/L AS FE)		30	ug/L	
00920	MAGNESIUM (MG/L)		1	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)	<	0.04	mg/L	
00400	PH (STANDARD UNITS), FIELD		8.7	SU	
00937	POTASSIUM, TOTAL (MG/L AS K)		1	mg/L	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		6.55		
00955	SILICA, DISSOLVED (MG/L AS SiO2)		17	mg/L	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		23.37		
00932	SODIUM, CALCULATED, PERCENT		97	PCT	
00929	SODIUM, TOTAL (MG/L AS Na)		183	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		800	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		6	mg/L	
00010	TEMPERATURE, WATER (CELSIUS)		34	C	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		455	mg/L	

Water Quality Analysis

Sample Date: 7/10/1989 **Sample Time:** 1000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

Sampled Aquifer: Simsboro Sand Member of Rockdale Formation

Analyzed Lab: Texas Department of Health

Reliability: Sampled using TWDB protocols

Collection Remarks: faucet

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		6	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)		327	mg/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		384.41	mg/L	
00915	CALCIUM, DISSOLVED (MG/L AS Ca)		2.8	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		7.2	mg/L	
00941	CHLORIDE, DISSOLVED (MG/L AS CL)		43	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.4	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CaCO3)		9	mg/L	
71865	IODIDE (MG/L AS I)	<	0.1	mg/L	
01046	IRON, DISSOLVED (UG/L AS FE)		46	ug/L	
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)		0.5	mg/L	
01056	MANGANESE, DISSOLVED (UG/L AS MN)	<	20	ug/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)	<	0.04	mg/L	
00400	PH (STANDARD UNITS), FIELD		8.51	SU	
00935	POTASSIUM, DISSOLVED (MG/L AS K)		2.6	mg/L	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		6.36		
00955	SILICA, DISSOLVED (MG/L AS SiO2)		17	mg/L	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		28.06		
00932	SODIUM, CALCULATED, PERCENT		97	PCT	
00930	SODIUM, DISSOLVED (MG/L AS Na)		194	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		755	MICR	
00946	SULFATE, DISSOLVED (MG/L AS SO4)		6	mg/L	
00010	TEMPERATURE, WATER (CELSIUS)		33	C	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		462	mg/L	

Water Quality Analysis

Sample Date: 10/7/2009 **Sample Time:** 1400 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

Sampled Aquifer: Simsboro Sand Member of Rockdale Formation

Analyzed Lab: LCRA - Lower Colorado River Authority **Reliability:** Sampled using TWDB protocols

Collection Remarks: Lab Calculated Anion/Cation Chg Bal set to TWDB Calculated Value due to an error in the lab calculated formula

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
39086	ALKALINITY FIELD DISSOLVED AS CaCO3		344	mg/L	
82244	ALKALINITY PHENOLPHTHALEIN FIELD DATA (MG/L)		2	mg/L	
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		9	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)		332	mg/L	
01503	ALPHA, DISSOLVED (PC/L)		9.2	PC/L	1.9
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	<	4.08	ug/L	
50938	ANION/CATION CHG BAL, PERCENT		-0.54	PCT	
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	<	1.02	ug/L	
01000	ARSENIC, DISSOLVED (UG/L AS AS)	<	2.04	ug/L	
01005	BARIUM, DISSOLVED (UG/L AS BA)		54.9	ug/L	
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	<	1.02	ug/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		383.18	mg/L	
01020	BORON, DISSOLVED (UG/L AS B)		284	ug/L	
71870	BROMIDE, DISSOLVED, (MG/L AS BR)		0.2	mg/L	
01025	CADMIUM, DISSOLVED (UG/L AS CD)	<	1.02	ug/L	
00915	CALCIUM, DISSOLVED (MG/L AS CA)		2.89	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		10.8	mg/L	
00941	CHLORIDE, DISSOLVED (MG/L AS CL)		47	mg/L	
01030	CHROMIUM, DISSOLVED (UG/L AS CR)		1.35	ug/L	
01035	COBALT, DISSOLVED (UG/L AS CO)	<	1.02	ug/L	
01040	COPPER, DISSOLVED (UG/L AS CU)	<	1.02	ug/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.42	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CaCO3)		11	mg/L	
01046	IRON, DISSOLVED (UG/L AS FE)	<	51	ug/L	
01049	LEAD, DISSOLVED (UG/L AS PB)	<	1.02	ug/L	
01130	LITHIUM, DISSOLVED (UG/L AS LI)		17.6	ug/L	
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)		0.78	mg/L	
01056	MANGANESE, DISSOLVED (UG/L AS MN)		8.16	ug/L	
71890	MERCURY, DISSOLVED (UG/L AS HG)	<	0.2	ug/L	
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	<	1.02	ug/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)	<	0.02	mg/L	
00631	NITRITE PLUS NITRATE, DISSOLVED (MG/L AS N)	<	0.02	mg/L	
00300	OXYGEN, DISSOLVED (MG/L)		1.3	mg/L	
00400	PH (STANDARD UNITS), FIELD		8.34	SU	
00935	POTASSIUM, DISSOLVED (MG/L AS K)		1.38	mg/L	
09511	RADIUM 226, DISSOLVED, RADON METHOD, PC/L	<	0.2	PC/L	0.12

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Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
81366	RADIUM 228, DISSOLVED (PC/L AS RA-228)	<	1.1	PC/L	0.7
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		6.43		
01145	SELENIUM, DISSOLVED (UG/L AS SE)	<	4.08	ug/L	
00955	SILICA, DISSOLVED (MG/L AS SI02)		17.1	mg/L	
01075	SILVER, DISSOLVED (UG/L AS AG)	<	1.02	ug/L	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		23.85		
00932	SODIUM, CALCULATED, PERCENT		97	PCT	
00930	SODIUM, DISSOLVED (MG/L AS NA)		177	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		790	MICR	
01080	STRONTIUM, DISSOLVED (UG/L AS SR)		191	ug/L	
00946	SULFATE, DISSOLVED (MG/L AS SO4)		2.2	mg/L	
00010	TEMPERATURE, WATER (CELSIUS)		33.7	C	
01057	THALLIUM, DISSOLVED (UG/L AS TL)	<	1.02	ug/L	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		448	mg/L	
22703	URANIUM, NATURAL, DISSOLVED (UG/L AS U)	<	1.02	ug/L	
01085	VANADIUM, DISSOLVED (UG/L AS V)	<	1.02	ug/L	
01090	ZINC, DISSOLVED (UG/L AS ZN)	<	4.08	ug/L	

Water Quality Analysis

Sample Date: 8/6/2014 **Sample Time:** 1112 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

Sampled Aquifer: Simsboro Sand Member of Rockdale Formation

Analyzed Lab: LCRA - Lower Colorado River Authority **Reliability:** Sampled using TWDB protocols

Collection Remarks: Lab Calculated Anion/Cation Chg Bal set to TWDB Calculated Value due to an error in the lab calculated formula

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
39086	ALKALINITY FIELD DISSOLVED AS CaCO3		344	mg/L	
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	<	20	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)		331	mg/L	
01503	ALPHA, DISSOLVED (PC/L)		4.68	PC/L	3.38
01106	ALUMINUM, DISSOLVED (UG/L AS AL)		4.7	ug/L	
50938	ANION/CATION CHG BAL, PERCENT		-1.92	PCT	
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	<	1	ug/L	
01000	ARSENIC, DISSOLVED (UG/L AS AS)	<	2	ug/L	
01005	BARIUM, DISSOLVED (UG/L AS BA)		57.5	ug/L	
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	<	1	ug/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		403.93	mg/L	
01020	BORON, DISSOLVED (UG/L AS B)		290	ug/L	
71870	BROMIDE, DISSOLVED, (MG/L AS BR)		0.214	mg/L	
01025	CADMIUM, DISSOLVED (UG/L AS CD)	<	1	ug/L	
00915	CALCIUM, DISSOLVED (MG/L AS CA)		2.95	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00941	CHLORIDE, DISSOLVED (MG/L AS CL)		47.8	mg/L	
01030	CHROMIUM, DISSOLVED (UG/L AS CR)		1.15	ug/L	
01035	COBALT, DISSOLVED (UG/L AS CO)	<	1	ug/L	
01040	COPPER, DISSOLVED (UG/L AS CU)		1.98	ug/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.45	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CaCO3)		11	mg/L	
01046	IRON, DISSOLVED (UG/L AS FE)	<	50	ug/L	
01049	LEAD, DISSOLVED (UG/L AS PB)	<	1	ug/L	
01130	LITHIUM, DISSOLVED (UG/L AS LI)		16.2	ug/L	
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)		0.76	mg/L	
01056	MANGANESE, DISSOLVED (UG/L AS MN)		8.12	ug/L	
71890	MERCURY, DISSOLVED (UG/L AS HG)	<	0.2	ug/L	
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	<	1	ug/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)	<	0.02	mg/L	
00631	NITRITE PLUS NITRATE, DISSOLVED (MG/L AS N)	<	0.02	mg/L	
00400	PH (STANDARD UNITS), FIELD		8.34	SU	
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)		0.0693	mg/L	
00935	POTASSIUM, DISSOLVED (MG/L AS K)		1.49	mg/L	
09503	RADIUM 226, DISSOLVED, PC/L	<	0.98	PC/L	0.15
81366	RADIUM 228, DISSOLVED (PC/L AS RA-228)	<	0.9	PC/L	0.32

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Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		6.41		
01145	SELENIUM, DISSOLVED (UG/L AS SE)	<	4	ug/L	
00955	SILICA, DISSOLVED (MG/L AS SI02)		18.3	mg/L	
01075	SILVER, DISSOLVED (UG/L AS AG)	<	1	ug/L	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		22.96		
00932	SODIUM, CALCULATED, PERCENT		97	PCT	
00930	SODIUM, DISSOLVED (MG/L AS NA)		171	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		810	MICR	
01080	STRONTIUM, DISSOLVED (UG/L AS SR)		180	ug/L	
00946	SULFATE, DISSOLVED (MG/L AS SO4)	<	2	mg/L	
00010	TEMPERATURE, WATER (CELSIUS)		34.4	C	
01057	THALLIUM, DISSOLVED (UG/L AS TL)	<	1	ug/L	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		442	mg/L	
22703	URANIUM, NATURAL, DISSOLVED (UG/L AS U)	<	1	ug/L	
01085	VANADIUM, DISSOLVED (UG/L AS V)	<	1	ug/L	
01090	ZINC, DISSOLVED (UG/L AS ZN)	<	4	ug/L	

* Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..

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