

TEXAS WATER DEVELOPMENT BOARD

WELL SCHEDULE

Aquifer Hoston

Field No. 75-ST-58

State Well No. 40-16-404

Owner's Well No. #4

County McLennan

1. Location: 1/4, 1/4 Sec. Block Survey

2. Owner: CITY OF WEST, TEXAS (#4 WEST TEX) Address:

Tenant: Address:

Driller: KEY WATER WELL DRILLING & DEVELOPMENT CO Address: CARRISON TEXAS

3. Elevation of LSD is 645 ft. above sea level, determined by Top

4. Drilled: 10-8 19 68; Dug, Cable Tool Rotary

5. Depth: 1977 ft. Meas. ft.

6. Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed

7. Pump: Mfg. Byron Jackson Type Submersible

No. Stages 19, Bore Dia. in., Setting 700 ft.

Column Dia. in., Length Tailpipe ft.

8. Motor: Fuel Elec Make & Model HP. 75

9. Yield: Flow gpm, Pump 350 gpm, Meas. Rept., Est.

10. Performance Test: Date 1-7-69 Length of Test 2 hrs Made by J. Smith

Static Level ft. Pumping Level 512 ft. Drawdown 218 ft.

Production 255 gpm Specific Capacity gpm/ft.

11. Water Level: 285.1 ft. 43 69 above Top of cement vert which is 21 ft. above surface.

294 ft. 1-16 1969 above LSD which is ft. above surface.

 ft. 19 above which is ft. above surface.

 ft. 19 above which is ft. above surface.

12. Use: Dom., Stock, Public Supply, Ind., Irr., Waterflooding, Observation, Not Used.

13. Quality: (Remarks on taste, odor, color, etc.)

File Temp. °F, Date sampled for analysis 1-6-69 Laboratory Trinity

Temp. °F, Date sampled for analysis Laboratory

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14. Other data available as circled: Driller's Log Radioactivity Log, Electric Log, ST-58

Formation Samples Pumping Test

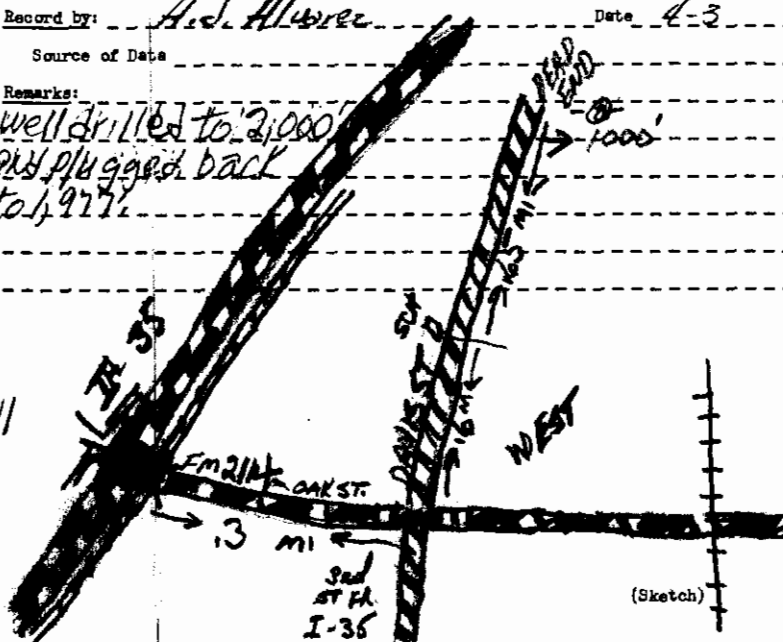
15. Record by: Art Albrecht Date 4-3 19 68

Source of Data

16. Remarks: well drilled to 2000' and plugged back to 1977'

CASING & BLANK PIPE			
Cemented From <u>0</u> ft. to <u>1870</u> ft.			
Diam. (in.)	Type	Setting, ft.	
		from	to
30"		0	30
16"		0	1010
8 5/8"		1010	1868
6 5/8"		1770	1982

WELL SCREEN			
Screen Openings			
Diam. (in.)	Type	Setting, ft.	
		from	to
6 5/8"	Screen	1870	1977
	Plug	1977	1982



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Drillers Log

0 - Surface	Surface
0 - 25	Surface soil & lime
25 - 1030	Lime
1030 - 1120	Sand
1120 - 1160	Lime
1160 - 1420	Sandy Lime
1420 - 1500	Hard Lime
1500 - 1554	Sandy Lime
1554 - 1661	Lime
1661 - 1792	Hard Lime
1792 - 2000	Water Sand

Depth	Description
0 - 25	Surface Soil & lime
25 - 1030	Lime
1030 - 1120	Sand
1120 - 1160	Lime
1160 - 1420	Sandy Lime
1420 - 1500	Hard Lime
1500 - 1554	Sandy Lime
1554 - 1661	Lime
1661 - 1792	Hard Lime
1792 - 2000	Water Sand

40-16-404

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 CW 8 _____
Form CW 9 _____

1) OWNER: Person having well drilled CITY OF WEST Address WEST TEXAS
(Name) (Street or RFD) (City) (State)
Landowner CITY OF WEST Address WEST TEXAS
(Name) (Street or RFD) (City) (State)

2) LOCATION OF WELL: County COLLEMAN Labor _____ League _____ Abstract No. _____
NW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section _____ Block No. _____ Survey _____
(Circle as many as are known)

7 miles in N direction from WEST (Town)
WELL LOCATED .7 miles NORTH OF CITY, ADJACENT TO RAILROAD.
Sketch map of well location with distances from adjacent section or survey lines, and to landmarks, roads, and creeks.

3) TYPE OF WORK (Check):
New Well Deepening
Reconditioning Plugging
4) PROPOSED USE (Check):
Domestic Industrial Municipal
Irrigation Test Well Other
5) TYPE OF WELL (Check):
Rotary Driven Dug
Cable Jetted Bored

6) WELL LOG: Diameter of hole 9 7/8 in. Depth drilled 2000 ft. Depth of completed well 1982 ft. Date drilled 10/8/68
All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material	From (ft.)	To (ft.)	Description and color of formation material
0	25	surface soil & lime	1661	1792	hard lime
25	1030	lime	1792	2000	water sand
1030	1120	sand			
1120	1160	lime			
1160	1420	sandy lime			
1420	1500	hard lime			
1500	1554	sandy lime			
1554	1661	lime			

7) COMPLETION (Check):
Straight wall Gravel packed Other
Under reamed Open hole
8) WATER LEVEL:
Static level 294 ft. below land surface Date 1/16/69
Artesian pressure _____ lbs. per square inch Date _____

9) CASING: Type: old New Steel Plastic Other
Cemented from 0 ft. to 1868 ft.
10) SCREEN: Stancliff ribbed
Type _____ Perforated Slotted

Diameter (inches)	Setting		Gage	Diameter (inches)	Setting		Slot size
	From (ft.)	To (ft.)			From (ft.)	To (ft.)	
16	0	1009		6 5/8	1870	1977	.035
8 5/8	1009	1868					
6 5/8	1770	1870					
6 5/8	1977	1982					

11) WELL TESTS:
Was a pump test made? Yes No If yes by whom? _____
Yield: 255 gpm with 218 ft. drawdown after 24 hrs
Bailer test _____ gpm with _____ ft. drawdown after _____ hrs
Artesian flow _____ gpm Date 1/7/69
Temperature of water _____
Was a chemical analysis made? Yes No
Did any strata contain undesirable water? Yes No
Type of water? _____ depth of strata _____
12) PUMP DATA:
Manufacturer's Name BYRON JACKSON
Type SUBMERSIBLE H.P. 75 HP
Designed pumping rate 350 gpm gph
Type power unit BYRON JACKSON SUB.
Depth to bowls, cylinder, jet, etc., 650 ft. below land surface.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.
NAME R.P. KEY Water Well Drillers Registration No. 136
(Type or Print)
Address RT 2 GARRISON TEXAS
(Street or RFD) (City) (State)
(Signed) R.P. Key KEY WATER WELL DRILLING & DEVELOPMENT CO.
(Water Well Driller) (Company Name)

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