

TEXAS WATER COMMISSION
WELL SCHEDULE

Aquifer HOSSTON

Field No. H-80 (E-105)
Owner's Well No. H&H #1

State Well No. 39-25-701
County McLennan Co.

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

2. Owner: H&H Water Supply Corp. (H&H) Address: Box 376, Rt. 7, Waco, Texas
Tenant: James F. Muhl Sec'y Address: PL-3-0046
Driller: J.L. Myers' Son Address: Dallas-Denton

3. Elevation of 2nd level is 480 ft. above msl, determined by level shot

4. Drilled: 12-15-1960; Dug, Cable Tool, Rotary

5. Depth: Rept. 2916 ft. Meas. ft.

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

7. Pump: Mfr. Jacuzzi Type Turbine
No. Stages 16, Bore Diam. 6" in., Setting 205 ft.
Column Diam. 4"x1" in., Length Tailpipe ft.

8. Motor: Fuel elec Make & Model U.S. HP. 10

9. Yield: Flow gpm, Pump 220 gpm, Meas., Rept., Est.

10. Performance Test: Date 12-14-60 Length of Test 25h. Made by J.L. Myers
Static Level ft. Pumping Level 182 ft. Drawdown 172 ft.

Production 220 gpm Specific Capacity gpm/ft.

11. Water Level: 10 ft. 12-14-1960 above ISD which is ft. above surface.
-4 ft. 12-15-1960 below ISD which is ft. above surface.
ft. rept. 19 above which is ft. above surface.
ft. meas. below which is ft. below surface.
ft. rept. 19 above which is ft. above surface.
ft. meas. below which is ft. below surface.

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

13. Quality: (Remarks on taste, odor, color, etc.) 5-15-63 TSDH-File, Back; 9-8-63 TSDH-File; 5-68 TSHD

File
Temp. °F, Date sampled for analysis 4-6-65 Laboratory TSDH
Temp. °F, Date sampled for analysis 3-28-66 Laboratory TSDH
Temp. °F, Date sampled for analysis 5-15-63 Laboratory TSDH

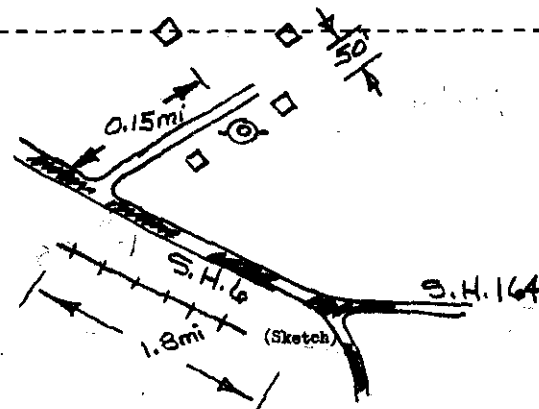
14. Other data available as circled: Driller's Log, Radioactivity Log, Electric Log, Myers
Formation Samples, Pumping Test, H-80

15. Record by: A.R. Smith Date 10-26 1964
Source of Data J.L. Myers

16. Remarks: airline 205' drift reading in ft.
See U.S.G.S. 1960 Schedule
Base of Glen Rose 2270'
" " Hensel 2335'

CASING & BLANK PIPE			
Cemented From		ft. to	
0		2789 ft.	
Diam. (in.)	Type	Setting, ft.	
		from	to
10 3/4	surf cas.	0	72
7"		+1 1/2	2789

WELL SCREEN			
Screen Openings		Setting, ft.	
Diam. (in.)	Type	from to	
		7"	Gun Perfor Casg



97'00 (W) 0.7mi
31'30 (S) 1.45mi

Q-31

ST-39-25-701

J. L. MYERS' SONS
DALLAS DENTON

DRILLER'S LOG

WELL OWNER: M. & H. WATER SUPPLY CORPORATION
 WELL LOCATION: Hillsburg, Texas (approx. 10 Miles E. of Waco, Texas)
 WELL DRILLED BY: J. L. Myers' Sons Dallas and Denton
 WELL COMPLETED: December 15, 1960 DRILLER: Nelson, Watson, & Johnson

DEPTH OF STRATA	EACH STRATUM	FORMATION
0	4	Surface Soil
4	48	Clay
68	481	Shale
431	658	Chalk Rock
658	1003	Shale
1003	1333	Lime
1333	1446	Broken Lime
1446	1557	Shale & Lime
1557	1665	Broken Lime
1665	1840	Lime & Shale
1840	1927	Broken Lime
1927	2023	Lime & Shale
2023	2560	Broken Lime
2560	2700	Sandy Shale
2700	2750	Lime & Shale
2750	2890	Sand & Shale
2890	2916	Sand

NOTE: All measurements based on rotary table 7 feet above ground level.

CASING (2000)

72' - 4 1/4" O.D. surface casing cemented in place
 2750' - 8" O.D. 7 & C casing cemented in place
 120' - 12" O.D. 7 & C closed screen with back pressure valve near bottom

Top of Kv - 1078
 Top of Fresh - 2550
 Top of Kv - Kt - 265

NOTE: All measurements adjusted to ground elevation. Casing and screen run in continuous string, casing cemented in place by the lubricator, bottom of 7" O.D. casing equipped with float collar.

Driller's Log

Surface Soil	0 - 4
Clay	4 - 68
Shale	68 - 431
Chalk Rock	431 - 658
Shale	658 - 1003
Lime	1003 - 1333
Broken lime	1333 - 1446
Shale & lime	1446 - 1557
Broken lime	1557 - 1665
Lime & Shale	1665 - 1840
Broken lime	1840 - 1927
Lime & shale	1927 - 2023
Broken lime	2023 - 2560
Sandy shale	2560 - 2700
Lime & shale	2700 - 2780
Sand & shale	2780 - 2890
Sand	2890 - 2916

39-25-701

Chem Analysis 5-18-63
SiO₂ - CO₃ - 0
Ca. } - 4 HCO₃ - 461
Mg. } SO₄ - 118
Na - 255 Cl - 44
Mn - 0.05 F - 1.7
NO₃ - 1
PH - 8.3 Hardness - 10
TDS - 890 S.P.C. @ 25°C - 1200

KEY PUNCHED