

TEXAS WATER COMMISSION
WELL SCHEDULE

Aquifer Hosston Field No. H-14(E-10) State Well No. 40-24-102
Owner's Well No. #1 County McLennan Co.

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

2. Owner: Ross Water Supply Corp (A) Address: Ross, Texas
Tenant: John King Address: Ross
Driller: H.B. Glass Address: Rosebud

3. Elevation of 1sd is 568 ft. above sea, determined by Topo Sheet

4. Drilled: Nov. 19 59; Dug, Cable Tool, Rotary,

5. Depth: Rept. 2269 ft. Meas. _____ ft.

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

7. Pump: Mfr. _____ Type Turbine
No. Stages _____, Bore Dia. _____ in., Setting 400 ft.
Column Dia. _____ in., Length Tailpipe _____ ft.

8. Motor: Fuel elect. Make & Model _____ HP.

9. Yield: Flow _____ gpm, Pump 155 gpm, Meas. (Rept.) Est. _____

10. Performance Test: Date 1-9-63 Length of Test _____ Made by _____
Static Level _____ ft. Pumping Level 400 ft. Drawdown _____ ft.
Production 135 gpm Specific Capacity _____ gpm/ft.

11. Water Level: 211 ft. (rept. 11-12-19 59 above 1sd which is _____ ft. above surface.
PL 350 ft. (rept. _____ below LSD which is 0 ft. above surface.
_____ ft. (rept. _____ above _____ below surface.
_____ ft. (rept. _____ above _____ below surface.
_____ ft. (rept. _____ above _____ below surface.

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

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

Temp. _____ °F, Date sampled for analysis _____ Laboratory _____

Temp. _____ °F, Date sampled for analysis 11-27-59 Laboratory TSNO

Temp. 105 °F, Date sampled for analysis 9-21-73 Laboratory TKHD

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

15. Record by: R.R. Smith Date 1964

Source of Data U.S.G.S. Schedule of Mr. King

16. Remarks: See U.S.G.S. 1960 Schedule

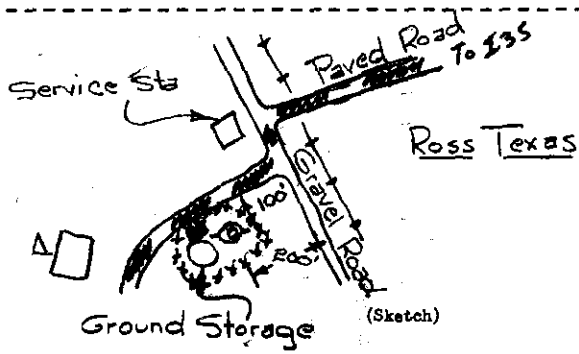
For usgs "Picks" See 4024101

Base of Glen Rose 1860

" " Hensel 1935

CASING & BLANK PIPE			
Cemented From _____ ft. to _____ ft.		Setting, ft.	
Diam. (in.)	Type	from	to
<u>8 5/8"</u>	<u>OD</u>	<u>0</u>	<u>800'</u>
<u>5 1/2"</u>	<u>OD</u>	<u>800'</u>	<u>2110'</u>

WELL SCREEN			
Screen Openings		Setting, ft.	
Diam. (in.)	Type	from	to
<u>OD</u>	<u>Length</u>		
<u>5 1/2"</u>	<u>155'</u>	<u>2110</u>	<u>2265</u>



97°00 (E) 7.05 Mi
3145 (N) 2.35 Mi

Q-49

30
4024102
1011

Coarse grain sandy top soil	0 - 13	Brown med grained ss	2214 - 2229
Firm calcareous, white chalk	13 - 270	with red quartz pebbles	
Dark, grayish-black cal. sh.	270 - 540	Pink med grained ss	2229 - 2249
Dark, blue-black non-cal. sh.	540 - 632	with coarse yellow	
Firm, white, calcareous lime	632 - 640	quartz grains.	
Soft, greenish shale	640 - 720	Hard, dark black sh	2249 - 2269
Hard, white to buff colored	720 - 868	with flint & pyrite	
lime with dark sh. streaks.			
Soft brown chalky shale	868 - 875		
Hard, brownish lime	875 - 900		
Hard white lime with black	900 - 920		
shale streaks.			
Hard brownish limestone	920 - 997		
Brown clayish limestone	997 - 1055		
Soft, chalk white lime with	1055 - 1100		
dark shale streaks.			
Hard white lime with	1100 - 1123		
shaly shale			
Hard, dark gray, fossiliferous	1123 - 1138		
lime with black sh. streaks			
Firm white lime with sdy stks.	1138 - 1260		
Dark gray sandy lime	1260 - 1324		
Hard white and pinkish lst.	1324 - 1419		
Hard white lime with red &	1419 - 1630		
brown quartz grains.			
Hard white lime with soft	1630 - 1690		
gray chalky streaks			
Hard white lime	1690 - 1805		
Hard gray fossiliferous lime	1805 - 1838		
Firm fine grained, sandy, calcareous shale	1838 - 1875		
Dark black sh. & sdy lime	1875 - 1885		
Gray sdy lime with redish	1885 - 1914		
lime streaks			
Soft black sh with sdy lime	1914 - 1922		
streaks			
Soft brown shale & soft gray	1922 - 1954		
lime			
Fine gray sd with sdy black sh	1954 - 1962		
Dark gray lime & gray sh. stks	1962 - 2014		
Gray calcareous sh with	2014 - 2024		
sandy lime			
Dark brownish-red, fine grained	2024 - 2034		
sandy shale			
Fine grained, yellowish ss	2034 - 2045		
Hard black sh with iron	2045 - 2069		
pyrites and white ss.			
Dark red sh with fine	2069 - 2074		
grained white ss.			
Dark red sh with fine grained	2074 - 2094		
yellow, brown red and white ss.			
Firm red sh with light brown	2094 - 2099		
fine grained ss.			
Light red sh with light brown	2099 - 2104		
fine grained ss.			
Hard red sh with soft green sh	2104 - 2109		
& fine grained green ss.			
Med. to coarse grained brown	2109 - 2204		
to tan ss.			
Dark brown ss with soft sh.	2204 - 2214		
& white lime			

101
40-24-102

Chem. analysis 11-27-59
 Ca - 3 CO₃ - 7
 Mg - 1 HCO₃ - 426
 Na - 224 SO₄ - 84
 Fe - 0.64 Cl - 46
 Mn - 2.05 F - 0.8
 NO₃ - 20.4
 pH - 8.6 Hardness - 11
 TDS - 576 Sp. C. @ 25°C - 960