

Water Well Log

Strata Geological Services, Inc.
Tarpley, Texas
830-562-3680



Well: HWGWCD_Pate_1

Location: Hwy 16 North near county line

Geologist: William Feathergill Wilson, PG # 21

Driller: Tinnin, Dean

Rig Type: Air Rotary

Total Depth: 566'

Depth	Lithology	Description	Effective Porosity			Well Construction	Micro-graphs	Comments			
			0	10	20						
0	Limestone (0-65')	0 - 65 Limestone: cream-white biomicrite, Edwards @ surface				Casing		Edwards @ surface Elev = 1,955' N 30 08' 10.5" W 99 03' 49.8" 7 7/8" hole 0 - 565'			
-2											
-4											
-6											
-8											
-10											
-12											
-14											
-16											
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-56											
-58											
-60											
-62											
-64											
-65			Marl & Limestone (-65 to -245')	-65 - 245 MARL & LIMESTONE: lt gray alternating marl and biomicrite, top of Upper Glen Rose					Casing		Top of Upper Glen Rose @ 65'
-66											
-68											
-70											
-72											
-74											
-76											
-78											
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-244											
-245	Sandy Clay (-245 to -420')	-245 - 420 SANDY CLAY: lt gray-lt orange coarse grained sand and clay becoming more sandy from 420' to 560', top of Hensel						Casing			Top of Hensel @ 245', continental 245 - 430'
-246											
-248											
-250											
-252											
-254											
-256											
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-416											
-418											
-420											
-420			Sand (-420 to -566')	-420 - 560 SAND: lt brown-lt orange loose porous coarse grained sand					Casing		Sand pack 420-565'
-422											
-424											
-426											
-428											
-430											
-432											
-434											
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-560											
-562											
-564											
-566											

Continental sediments 245 - 430'

Marine sediments 430 - 480'

Continental sediments 480 - 560'

Water level may be higher than 320' - may be as high as 140' (see geophysical log)

Sand pack 420-565'

Marine sediments

Continental sediments