

Water Well Log

Strata Geological Services, Inc.
Tarpley, Texas
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Well No. 2 Aqua Texas Horseshoe Oaks
Location IH 10 @ Old Harper Road, Kerr Co., Texas
Geologist Wm Feathergail Wilson, Texas State Licensed PG # 21
Driller Tim Hall Inc., Ed Anderson Driller
Rig Type Air Rotary @ Mud S-30
Total Depth 600' completed 02-14-05

Depth	Water	Lithology	Description	Effective Porosity		Well Construction	Micro-graphs	Comments
				0	10 20			
0			0 - 150 SANDY CLAY: cream-lt gray sandy silty foraminiferal marl, in Upper Glen Rose					Upper Glen Rose @ surface Elev = 1,736' GPS: N 30 04' 55.97" W 99 08' 41.23" 9 7/8" bit to 420' Upper Glen Rose @ surface
-150			-150 - 160 CLAYEY SAND: lt gray marly f. med g sand					
-160			-160 - 180 SANDY MARL: lt gray sandy silty ligytic marl					
-180			-180 - 185 COAL: black lignitic coal					
-185			-185 - 190 CLAYEY SAND: lt gray ligytic med-c g marly sand					
-190			-190 - 200 SANDY LIMESTONE: lt gray m-c g sandy marl interbedded with cream sandy biomicrite					
-200			-200 - 210 SANDY MICRODOLomite: lt tan sandy microdolomite					
-210			-210 - 240 SANDSTONE: lt tan microdolomitic f-m g sandstone					Top of Hensel Sand Mbr, Fearsal Formation @ 210'
-240			-240 - 260 CLAYEY SAND: lt tan-lt gray marly f-m g sand					
-260			-260 - 280 SAND: lt tan-white clean porous loose m-c g sand					
-280			-280 - 290 SANDY MICRODOLomite: lt gray ligytic sandy silty microdolomite					
-290			-290 - 300 CLAY AND SILT: lt tan marly silt					
-300			-300 - 310 MICRODOLomite: lt tan silty microdolomite					Static water level @ 300'
-310			-310 - 320 CLAYEY SAND: lt tan marly f-m g sand					
-320			-320 - 330 LIMESTONE: lt gray-lt tan f-m g sandy micrite					
-330			-330 - 360 SAND: lt gray-lt tan m-c g marly loose porous sand					
-360			-360 - 380 PALEOSOL: orange-lt red silty paleosol, Top of Hensel					
-380			-380 - 420 SAND & GRAVEL: white-lt pink reworked Ellenburger dolomite conglomerate					
-420			-420 - 475 SAND: white-lt gray med-coarse grained quartz and dolomitic fragment sand					
-475			-475 - 540 CLAYEY SAND: white-orange-lt gray clayey f-c grained san					
-540			-540 - 570 SANDY CLAY: orange-white sandy clay					
-570			-570 - 580 CLAY: lt gray sticky sand silty clay, top of Hammett					Top of Hammett Clay @ 570'
-580			-580 - 600 SAND: lt orange f-c grained clayey sand, top of Hosston					Top of Hosston @ 580'
-600			-600 - 650 SAND & GRAVEL: lt orange-white loose conglomerate, mfs, gts, rock fragments					

Cow Creek time equivalent