

FORMATION RECORD

Give detailed description and thickness of all formations drilled through and contents of sand, whether dry, water, oil or gas.

Formation	Top	Bottom	Formation	Top	Bottom
Sand and gravel	0	150	Chert and viola lime	3586	3617
Sandy shale & yellow clay	180	220	Chert, shale and lime	3617	3628
Red bed	240	257	Green and brown shale with streaks of pyrite	3628	3645
Red beds - streaks of blue s.	257	728	<u>Top Simpson</u>	3645	
Anhydrite, shells, and shale	728	838	Shale, brown and green	3645	3650
Shale and shells	838	1040	<u>Core #1 - 7/15' Recovery</u>		
Anhydrite	1040	1082	Shale, green, slick with streaks of sand - 2.0%	3660	3672
Anhydrite and shale	1082	1200	Kolomite, tan to brown, fine crystalline - fair porosity - good show oil	3672	3675' 9"
Shale and shells	1200	1380	<u>To Siliceous</u>	3672	
Shale, salt, and shells	1380	1528	<u>Cable Tools</u>		
Lime	1528	1545	<u>Core #1 - 1/3 Recovery</u>		
Anhydrite and lime	1545	1762	Lime, thin streaks green shale, tan to brown - porous - fair sat.	3675	3678
Shale and shells	1762	1780	<u>Core #2 - 1/1' Recovery</u>		
Lime, broken	1780	1842	Lime, tan to brown - with fair porosity - good sat.	3678	3679
Sticky shale	1842	1848	<u>Core #3 - 2/3 Recovery</u>		
Broken lime and shale	1848	1980	Lime, tan to brown with thin streaks green shale - fair porosity & saturation - fluid 3200'	3679	3682
Lime and chert	1980	1980	<u>Total Depth</u>	3682	
Lime, gray, sandy	1980	2032	<u>Acidizing</u>		
Lime, gray	2032	2074	2000 gallons	2-28-38	
Lime	2074	2100	Date first work	1-31-38	
Broken lime and shale	2100	2132	Date drilling commenced	2-6-38	
Lime	2132	2147	Date drilling completed	2-24-38	
Lime, broken	2147	2157	Date well completed	3-1-38	
Lime and shale streaks	2157	2237	Date potential effective	3-2-38	
Beaumont	2237	2244			
Lime and shale streaks	2244	2297			
Lime	2297	2321			
Broken lime and blue shale	2321	2330			
Lime with streaks of blue shale	2330	2385			
Lime	2385	2400			
Shale and lime shells	2400	2475			
Shale	2475	2484			
Lime	2484	2518			
Broken lime	2518	2555			
Lime broken and shale, black	2555	2630			
Broken lime and shale	2630	2730			
Shale and lime shells	2730	2812			
Lime	2812	2858			
Lime, broken and shale	2858	2940			
Lime	2940	2950			
Lime, sandy	2950	2990			
Lime, sandy, broken	2990	3000			
Lime, hard	3000	3044			
Lime, brown, sandy	3044	3070			
Lime, white and gray	3070	3139			
Lime	3139	3184			
Lime, hard, gray	3184	3200			
Lime, broken	3200	3218			
Lime	3218	3242			
Broken lime and shale	3242	3282			
Shale	3282	3302			
Broken lime and shale	3302	3322			
Kansas City lime	3322	3358			
<u>Top Lansing</u>	3358				
Shale, broken	3358	3367			
Broken lime and shale	3367	3394			
Lime	3394	3519			
Lime, hard	3519	3526			
Chert and lime	3526	3528			
Lime, brownish	3528	3532			
Lime	3532	3536			