

15-065-00041-00-00

R. W. SHIELDS, ET AL

WELL LOG ON ARBUTHNOT # 1

NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 18-8S-21W, GRAHAM COUNTY, KANSAS

FORMATION	FROM	TO	REMARKS
Clay	0	40	
Shale	40	80	
Lime and shells	80	88	
Shale and shells	88	153	
Lime and shells	153	160	Set 160 ft. 8 5/8" surface pipe
Shale	160	630	Slope test @ 750'
Sand	630	670	
Shale and shells	670	1058	
Sand	1058	1205	
Shale and lime	1205	1335	Slope test @ 1250'
Shale and shells	1335	1465	
Shale	1465	1540	Slope test @ 1500'
Anhydrite	1540	1575	
Shale and shells	1575	1640	
Shale	1640	1840	
Shale and lime	1840	2150	Slope test @ 2000'
Shale	2150	2290	Slope test @ 2250'
Shale and shells	2290	2335	
Lime, shale and shells	2335	2370	
Lime	2370	2410	
Shale and lime	2410	2540	Slope test @ 2500'
Shale and lime shells	2540	2640	
Shale and lime	2640	2755	Slope test @ 2750'
Shale and shells	2755	2860	S. L. M. @ 2842'
Shale and lime	2860	2940	
Lime and shale	2940	3050	
Shale and lime shells	3050	3085	
Lime	3085	3110	Lost mud @ 3100'-mixed 600# hulls
Shale and lime	3110	3160	
Lime	3160	3175	
Soft lime	3175	3210	
Lime	3210	3245	
Lime	3245	3275	Mixed 2 sacks Aquagel, circulated 2 hrs. @ 3262 and 1 hr. @ 3264'
Lime	3275	3310	Circulated 1 1/2 hrs. @ 3297', slope test @ 3250', S.L.M. @ 3302'
Lime	3310	3350	Circulated 1 1/2 hrs. @ 3340', little show of oil at 3340'
Lime	3350	3400	Circulated 1 3/4 hrs. @ 3354', lost mud @ 3375'-mixed 4 sacks hulls and 2 sacks Aquagel
Lime	3400	3515	Mixed 400# hulls, circulated 1 1/2 hrs. @ 3473'
Conglomerate	3515	3541	Lost mud @ 3516'-mixed 3 sacks hulls and 2 sacks Aquagel
Lime	3541	3555	Circulated 3 1/2 hrs., mixed 200# hulls
Shale	3555	3588	Circulated 1 1/2 hrs. @ 3558', 1 1/2 hrs. @ 3565', 1 1/2 hrs. @ 3578' and 1 1/4 hrs. @ 3586'
Conglomerate	3588	3601	Circulated 1 1/2 hrs. @ 3595'
Lime	3601	3635	
Total Depth		3635	Dry and abandoned

11-30-42

Commenced drilling - November 5, 1942
 Completed - November 17, 1942
 Contractor - Barnett Drilling Company

