

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	49	49	Surface
49	235	186	Sand & Shells
235	290	55	Red Beds & Shells. Water at 275' Lost Circulation
290	357	67	Galechi
357	800	443	Red Beds. Ran SYFO at 800' - Hole Straight
800	967	167	Broken Lime Shells
967	1126	159	Red Rock & Lime Shells
1126	1212	86	Red & Blue Shale. Ran SYFO @ 1200' - Straight
1212	1315	103	Anhydrite
1315	1589	274	Salt & Potash
1589	1704	115	Anhydrite. Set 9-5/8" at 1620' cemented w/400 max Stopped plug at 1597'.
1704	2042	338	Salt & Anhydrite
2042	2049	7	Lime
2049	2730	681	Salt & Anhydrite. Ran SYFO at 2100' - Straight Ran SYFO at 2600' hole 8 degrees off. Plugged
back to 2129' with 250 max of cement. Permitted cement to set 48 hours and then drilled straight hole to 2730'. SYFO at 2730' showed 1 degree deflection.			
2730	2758	28	Salt
2758	2899	141	Anhydrite & Broken Lime. Ran SYFO at 2850' and showed 1-1/2 degrees deflection.
2899	2916	17	Lime
2916	2924	8	Sand & Lime. Show of gas at 2916' estimated at 50,000 cubic feet.
2924	2963	39	Brown Lime. Gas increased at 2927 to 2932 to es- timated 2 million feet. Killed gas w/20 tom mud.
2963	3198	235	Anhydrite
3198	3209	11	Sandy Brown Lime
3209	3215	6	Anhydrite
3215	3253	38	Lime
3253	3277	24	Lime & Sand. Very small show oil at 3253'
3277	3280	3	Brown Lime. Very small show oil thru brown lime.
3280	3369	89	Hard Brown Lime. SYFO at 3250' showed 2 degree off.
3369	3797	428	Lime & Sand. SYFO at 3600 showed 1 degree off. Set 7" at 3726' & cemented with 400 max.
3797	3815	18	Sandy Lime.
3815	3821	6	Lime & Pyrites
3821	3900	79	White Lime.

Total Depth, 3900'. Cored from 3795 to 3800' & recovered 5' showing little oil in soft formation. Cored from 3800 to 3815' & recovered 15' which showed no oil. Cored from 3851 to 3869 & recovered 15' showing good saturation from 3860 to 3869'. Cored from 3869 to 3881 & recovered 12' showing good saturation from 3869 to 3872. Cored from 3881 to 3887 & recovered whole core showing good saturation. Cored from 3887 to 3900' & recovered whole core showing good saturation. Set 48' of 15-1/2" conductor pipe and then drilled 12" hole to 1625'. Drilled 8-5/4" hole to 3726' and 6-1/4" hole to 3900'.