

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	333	333	Caliche & Surface Sand
333	703	370	Red Beds
703	1590	887	Red Beds & Anhydrite
1590	2805	1215	Anhydrite & Salt
2805	3519	714	Anhydrite
3519	4145	626	Anhydrite & Gyp
4145	4224	79	Anhydrite & Lime
4224	7728	3504	Anhydrite Lime
7728	7970	242	Shale
7970	8205	235	Shale & Lime
8205	9905	1700	Lime
		<hr/> 9905	
<u>Tops by Schlumberger</u>			
Lower Permian Marker 9410 (-5206)			
Top Penn. Pay 9768 (-5564)			
Base Zone 1 Marker 9885 (-5681)			
DST #1	9770-9826 (Penn. Lime)		Tool open 80 min. thru 5/8" BC & 1" TC on 3-1/2" DS. Immed. strong blow, gas to surface in 3 mins, mud in 12 min., oil in 20 mins. Flowed 30 bbls. clean oil in 1 hr. Grav. 43.5° API, GOR 1600. Initial FBHP 875 psi, 10 min. S FBHP 1500 psi, final FBHP 1375 psi. 30 min. SIBHP 2975 psi. <u>Positive Test.</u>
DST #2	9829 - 9858 (Penn. Lime)		Tool open 2 hrs. thru 5/8" BC & 1" TC on 3-1/2" DS. Immed. strong air blow. Gas to surface in 5 mins., mud in 9 mins., oil in 14 mins. Flowed to clean then flowed 87.11 bbls oil in 75 mins. Avg. cut 0.2% BS & 1% wtr. Grav. 42.1° API. GOR 1397. Reversed recovery. HMH 4453, FBHP 1725 - 2625 psi. 30 min. SIBHP 3605 psi. <u>Positive Test.</u>
DST #3	9882 - 9900 (Penn. Lime)		Tool open 1 hr. 50 mins. thru 5/8" BC & 1" TC on 3-1/2" DS. Immed. strong air blow. Gas to surface in 14 mins., mud in 34 mins., oil in 38 min. Flowed 47 BO in 1 hr. shakeout 0.1% BS, no water. Grav. 43.1° API. GOR 1043. Reversed recovery. FBHP 1175 - 2245 psi. 30 min. SIBHP - 2808 psi. HMH 4640 psi. <u>Positive Test.</u>