

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	290	290	Caliche, Surface Sands
290	335	45	Red Beds
335	1561	1226	Red Beds & Lime
1561	2067	506	Anhydrite & Salt
2067	4530	2463	Anhydrite
4530	9905	5375	Lime
DST #1	9779 - 9815 (Penn.Lime)		Tool open 2 hrs. & 9 mins. thru 4/8" BC & 1" TC on 3-1/2" DS. Immediate strong air blow. Gas to surface in 3 min., mud in 5 min., oil in 6 min. Cleaned to pits 5 mins. then turned to test tank. Flowed at uniform rate of 78 BO/hr. with GOR of approx. 1690. Oil grav. 43° @ 70°. HMM 5000 psi. FBHP 3625 psi. 30 min. SIBHP 4750 psi. <u>Positive Test.</u>
DST #2	9817 - 9840 (Penn.Lime)		Tool open 92 mins. thru 5/8" BC & 1" TC on 3-1/2" DS. Immediate strong air blow. Gas to surface in 3 mins. Oil in 7 mins. Cleaned to pits 8 mins. & turned to tank. Flowed 106 BO in 1 hr. Gr. 42° @ 40° F. GOR 1557. <u>Positive Test.</u>
DST #3	9842 - 9865 (Perm.Lime)		Tool open 2 hrs. 5 mins. thru 5/8" BC & 1" TC on 3-1/2" DS. Immediate moderate air blow. Gas to surface in 8 min. Weak gas blow throughout test. Rec. 2430' (17.0 bbls.) clean oil. Gr. 42° API, 100' (0.7 bbls.) O&GCM, 300' (2.1 bbls.) salt water. HMM 4605 psi, FBHP 140 - 480 psi, 30 min. SIBHP 1435 psi. <u>Positive Test.</u>
DST #4	9872 - 9905 (Penn.Lime)		Tool open 1 hr. thru 5/8" BC & 1" TC on 3-1/2" DS. Immediate moderate air blow, gas to surface in 25 mins., gradually diminishing in volume. Rec. 93' (0.63 bbls.) clean oil, 280' (1.96 bbls.) salt water. Circulating sub failed while pulling wet string. Apparently lost approx. 5575' (39.8 bbls.) fluid. FBHP 630 - 2240 psi, 30 min. SIBHP 3050 psi. <u>Positive Test.</u>
DST #5	9879 - 9893 (Penn.Lime)		Tool open 2 hrs. 23 mins., thru 5/8" BC & 1" TC on 3-1/2" DS. Immediate strong air blow. Gas to surface in 3 mins., mud in 8 mins. oil in 9 min. Flowed 141.8 bbls. clean oil in 2 hrs. Gr. 42.2° API. GOR 1266. Rec. 270' (1.9 bbls.) heavily O&GCM below cir. sub. HMM 4750 psi. FBHP 2550 psi - 2800 psi. 30 min. SIBHP 3200 psi. <u>Positive Test.</u>