

PLAINS PRODUCTION COMPANY - NEW MEXICO

Lease: Gulf Lillie
Well #: 3
County: Lea
Location: NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 23,
T 24S, R 37E
Well started: 4-21-45
Completed: 7-24-45

0	20	Caliche	2490	2520	Lime & Anhydrite
20	50	Red Sand	2520	2730	Anhydrite
50	125	Red Shale	2730	2750	Anhydrite & Red Cavings
125	155	Red Rock	2750	2830	Anhydrite
155	255	Red Shale	2830	2860	Anhydrite & Brown Lime
255	300	Red Rock	2860	2900	Anhydrite
300	315	Brown Shale	2900	2935	Lime
315	340	Gray Shale	2935	2980	Lime & Anhydrite
340	395	Red Shale	2980	3000	Gray Lime
395	445	Red Rock	3000	3050	Anhydrite & Lime
445	560	Red Shale	3050	3070	Gray Lime
560	675	Red Rock	3070	3095	Lime & Anhydrite
675	710	Red Shale	3095	3114	Lime
710	775	Red Rock	3114	3273	Gray Lime
775	785	Red Shale	3273	3291	Brown Lime
785	795	Red Bed	3291	3331	Gray Lime
795	810	Red Shale	3331	3347	Lime (Hard & Brown)
810	820	Blue Shale	3347	3357	Lime (Hard)
820	840	Red Shale	3357	3371	Gray Lime (Show gas)
840	885	Red Rock	3371	3383	Lime
885	900	Gray Sandy Shale	3383	3396	Broken Lime
900	915	Gray Sand	3396	3391	Gas Sand - Oil Show
915	940	Red Shale			(run 7" casing - SLM
940	960	Sand (Hard & Sharp)			measurement by
960	1000	Anhydrite			Halliburton Corraets
1000	1035	Sandy Lime & Anhydrite (Gray)			to 3391
1035	1075	Anhydrite & Lime	3391	3437	Lime
1075	1090	Anhydrite	3437	3441	Lime (Blue)
1090	1115	Red Shale	3441	3458	Lime
1115	1140	Salt & Anhydrite	3458	3471	Lime (Gray)
1140	1175	Red Shale (Sandy)	3471	3508	Lime
1175	1205	Sandy Shale	3508	3515	Lime & Shale
1205	1235	Potash	3515	3520	Sand - increase in gas
1235	1350	Potash & Salt	3520	3522	Sandy Lime
1350	1380	Anhydrite & Potash	3522	3550	Lime
1380	1650	Salt & Potash			
1650	1895	Salt			
1895	1955	Anhydrite			
1955	1975	Salt			
1975	2000	Anhydrite			
2000	2095	Salt & Anhydrite			
2095	2145	Salt & Shells			
2145	2180	Anhydrite			
2180	2220	Anhydrite & Salt			
2220	2255	Salt			
2255	2330	Salt & Anhydrite			
2330	2380	Anhydrite			
2380	2400	Lime (White & Hard)			
2400	2450	Anhydrite			
2450	2470	Anhydrite & Lime			
2470	2490	Gray Lime			

