



# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	18	18	Cellar and substructure.
18	25	7	Caliche.
25	93	68	Caliche, sand and gravel.
93	195	102	Red bed. Set 1 1/2" Csg. At 188' w/ 200 sacks.
195	764	569	Red bed and shells.
764	912	148	Red bed, red rock and shale.
912	1140	228	Red bed, red rock and shells.
1140	1230	90	Red rock and shells.
1230	1342	112	Anhydrite. Top of Anhydrite. 1240'.
1342	2409	1067	Salt and anhydrite and shells.
2409	2500	91	Red rock and salt. Base of salt 2390'.
2500	2696	196	Anhydrite. Set 3-5/8" csg. At 2500' w/ 600 sacks.
2696	2788	92	Broken anhydrite.
2788	2892	104	Anhydrite. Top of Monument Line 2830'
2892	2960	68	Anhydrite and lime.
2960	3001	41	Anhydrite (Broken)
3001	3060	59	Lime.
3060	3200	140	Broken anhydrite and lime.
3200	3270	70	Lime.
3270	3361	91	Broken anhydrite and lime.
3361	3417	56	Broken sandy lime.
3417	3487	70	Lime.
3487	3553	66	Sandy lime.
3553	4055	502	Lime. Set 4-5/8" Csg. At 3821' w/ 100 sacks.

Top of Pay 3276'.

4055' Total depth. Gray lime. Set 2 1/2" upset tubing at 4049'. Swabbed in and flowed approximately 1 barrel oil per hour, through 3 1/2" open tubing. Estimated 2,600,000'. Gas Casing pressure 500#.

Killed well w/ oil. Pulled tubing and rerun same with Robinson Rubber packer (2 1/2" X 5 1/2" X 49"). Set packer at 3900' w/ perforations below. Swabbed approximately 1 1/2 barrel oil per hour. Very little gas. Acidized w/ 2000 gallons of Dowell XI Acid. Acid started in under Vacuum on tubing and 500# on casing. Pressure built up to Maximum of 700# on tubing and 1000# on casing. Then dropped to Vacuum on tubing and 500# on casing. 24 barrels of flush oil used. Set 2 hours. Swabbed in and flowed 30 minutes in pit. Then turned to tanks and flowed 6 barrels oil per hour on 18 hour test. Through 32/64" choke on 2 1/2" tubing. Daily gas volume of 250,200'. Gas oil ratio 1800. Tubing pressure 200#. Casing pressure 0#.