



## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	18	18	Cellar and substructure.
18	110	92	Surface sand and gravel.
110	200	90	Red bed and shells. Set 12 1/2" csg. At 187' w/ 200 sacks
200	425	225	Red rock and red bed and shells.
425	710	285	Red bed and sandy shells.
710	884	174	Red bed and red rock.
884	930	46	Red rock.
930	1035	105	Anhydrite. Top of anhydrite 930'.
1035	1592	557	Salt and anhydrite.
1592	1675	83	Broken anhydrite and salt.
1675	1704	29	Salt.
1704	2385	581	Salt and anhydrite.
2385	2493	208	Anhydrite. Base of salt 2300'. Set 8-5/8" casing at 2392' w/ 800 sacks cement. 400 through casing and 400 sacks through the bradenhead.
2493	2630	137	Anhydrite and lime. Top of Monument line 2600'.
2630	2640	10	Streaks of sand.
2640	2744	104	Anhydrite and lime.
2744	2833	89	Lime.
2833	2897	64	Anhydrite and lime.
2897	3870	973	Lime. Set 6-5/8" csg. At 3779' w/ 100 sacks.
			Top of pay 3779'.
			3870' Total depth. Broken line. Set 2 1/2" upset tubing at 3866'. Swabbed in and flowed 62 barrels pipe line oil on 4 hour test. Through 2 1/2" tubing w/ 1" open choke. Hourly average of 16 barrels. Gas volume of 164,000. Gas oil ratio of 427. Acidized w/ 2000 gallons of Dowell XX Acid. Acid started in under 650# tubing pressure and 1000# casing pressure. Maximum of 900# tubing pressure and 1250# casing pressure. Finished under 760# tubing pressure and 1100# casing, pressure. Used 30 barrels of flush oil. Set 3 hours. Swabbed in and flowed 409 barrels oil on 5-2/3 hour test. Through 2 1/2" tubing w/ 1" open choke. Hourly average of 72 barrels. Gas volume of 748,000. Gas oil ratio 433. Tubing pressure 120#. Casing pressure 250#.