

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
	18	18	Cell and substructure.
18	74	56	Sand and caliche.
74	255	179	Red beds. Set 1 1/2" csg. at 182' w/ 290 sacks.
255	639	386	Red beds and shells.
639	980	341	Red beds and red rock.
980	1152	172	Red rock.
1152	1238	86	Gyp, red bed and rock.
1238	1245	7	Red rock.
1245	1370	125	Anhydrite. Top of anhydrite 1245'.
1370	1392	22	Potash and broken anhydrite.
1392	2455'	1063	Salt and anhydrite. Base of salt 2455'.
2455	2764'	309	Anhydrite. Set 3-5/8" csg. at 2534' w/ 560 sacks.
2764	2785	21	Anhydrite and brown lime. Top of No. 1 line 2760'.
2785	2854	79	Lime.
2854	2905	41	Broken gray lime.
2905	2975	70	Anhydrite and sandy lime.
2975	3031	56	Lime.
3031	3094	63	Anhydrite and lime.
3094	3150	56	Lime.
3150	3201	51	Lime and anhydrite.
3201	3258	57	Anhydrite and lime.
3258	3261	3	Brown lime. Oil stain.
3261	3279	18	Anhydrite and gray lime.
3279	3402	123	Lime.
3402	3462	60	Gray lime.
3462	3542	80	Lime.
3542	3553	11	Gray lime.
3553	3560	7	Sandy lime. Gas show.
3560	3571	11	Lime.
3571	3583	12	Sandy lime. Gas show.
3583	3627	44	Lime.
3627	3668	41	Gray lime.
3668	3688	20	Lime.
3688	3710	22	Gray lime.
3710	3735	25	Lime.
3735	3753	18	Gray lime.
3753	3760	7	Lime. Set 3-5/8" csg. at 3759' w/ 100 sacks.
3760	3770	10	Gray lime. Top of pay 3804'.
3770	3772	2	Brown lime.
3772	3910	138	Lime.

9/15/36. 3390' Total depth. Ran 2 1/2" upset tubing to 3393' and swabbed approximately 5 barrels oil per hour. Acidized w/ 3000 gallons of Dowell IX acid. Acid went in under maximum of 1475# on casing and 1280# on tubing. Dropped very little. Acid set six hours and swabbed well for 6 hours and made 43 barrels. Hourly average of 7 barrels. Flowed with gas on 12 hour test and made 48 barrels, hourly average of 4 barrels.

9/19/36. 3910' Total depth. Pulled tubing and deepened to 3910'. 3890'-3894' sandy lime. 3894'-3904' slight pay and very little stain. 3904' - 3910' sandy lime.

9/20/36. 3910' Total depth. Ran 2 1/2" upset tubing to 3895'. Swabbed approximately 4 barrels fluid per hour. 95% water. Very little gas.

9/21/36. 3910' Total depth. Gray lime. Swabbed well and swabbed approximately 1 barrels oil per hour. 30% water and 20% B.S. Very little gas.

9/23/36. 3910' Total depth. Gray lime. Acidized with 3000 gallons of Dowell IX acid. Acid went in under maximum of 600# on casing and 620# on tubing. Minimum of 300# on casing and vacuum on tubing. Flushed with 32 barrels oil. Acid set 6 hours and swabbed out. Flowed 648 barrels clean oil on 9 hour test. Through 1" open choke on 2 1/2" upset tubing. Gas volume of 906,000. Gas oil ratio of 524.