



## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	6	6	Cellar
6	220	214	Sand and Caliche
220	300	80	Red Bed, Sand & Shale.
300	1610	1310	Sand & Shale.
1610	1690	80	Sand, Anhydrite and Shale.
1690	2710	1020	Shale, Anhydrite and Salt.
2710	3230	520	Shale, Anhydrite and Sand.
3230	3500	270	Shale and Anhydrite
3500	4020	520	Shale, Anhydrite, sand & salt.
4020	4200	180	Shale, Anhydrite, Sand & Dolomite.
4200	5590	1390	Dolomite and Anhydrite.
5590	5650	60	Limestone and Dolomite.
5650	5740	90	Dolomite and Anhydrite
5740	6490	750	Dolomite, Sand And Anhydrite
6490	7750	1260	Dolomite and Anhydrite.
7750	7770	20	Shale, Dolomite and Anhydrite.
7770	8340	570	Shale, Dolomite and Anhydrite.
8340	9100	760	Anhydrite and Dolomite.
9100	9230	130	Chert, and Dolomite.
9230	10050	820	Limestone with trace of Shale.
	10050		Total Depth
	10040		Drilled out Depth.

GEOLOGICAL DATA

Base Red Bed	1510'
Top Salt.	1608
Top Yates	2631
Base Yates	2779
Top Artesia Red Sand	3410
Top San Andres	4160
Base San Andres	5685
Top Paddock	5999
Top Clearfork	6395
Top Abo	7758
Top Wolfcamp	9097
Top Pennsylvanian	9398
Elevation	4211 D.F.

SLOPE TESTS

750'	-1/2 deg.
1100	-1/4
1500	-3/4
2000	-1/2
2500	-1/2
3000	1-
3425	Straight
3965	-1/4
4400	-1/4
5250	-3/4
5825	1-1/4
6300	1-1/4
6775	1-
7225	2-
7700	1-
8380	-1/2
8850	1-1/2
9250	1-
9610	-3/4

DRILL STEM TESTS

- D.S.T. #1 - 9795' to 9937' - 7 hour & 33 minute Test. Opened tool with strong blow of air. Gas up in 7 minutes, gas vol. 157,000 cu ft per day which increased to 700,000 by end of test. Mud up in 3 hours and 31 min. Flowed 81.42 bbl fluid in 4 Hrs. Averaged 23 14% Salt Water & 3% Mud. Recovered 85' Drlg. Mud and 226 Salt Water.
- D.S.T. #2 - 9928' to 9962' - 5 hour Test. Opened tool with good blow of air. Gas up in 6 minutes, mud up in 55 minutes and oil up in 58 minutes. Gas Vol. 575,000 cu ft per day which decreased to 460,000 cu ft per day by end of test. Flowed 65.24. bbl fluid in 4 hours. Recovered 50' Drlg. Mud and 500' Salt Water.
- D.S.T. #3 - 9970' to 10,000' - 1 hour and 20 minute Test. Opened tool with fair blow of air. No show of gas or oil. Recovered 810' Drlg. Mud.
- D.S.T. #4 - 10,000' to 10,050' - 4 hour Test. Opened tool with good blow of air. Gas up in 19 minutes - Vol too small to measure. No fluid to surface. Recovered 900' oil, 425' heavy gas cut drlg mud and 90' salt water.