

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	6	6	Cellar
6	220	214	Sand & Caliche
220	300	80	Red Bed, Sand and 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 and Salt
4020	4200	180	Shale, Anhydrite, Sand Dolomite.
4200	5590	1390	Dolomite and Anhydrite
5590	5650	60	Limestone & Dolomite
5650	5740	90	Dolomite and Anhydrite
5740	6490	750	Dolomite, Sand and Anhydrite
6490	7500	1010	Dolomite and Anhydrite
7500	7730	230	Anhydrite and Dolomite.
7730	7760	30	Shale, Dolomite and Anhydrite
7760	8270	510	Shale, Anhydrite and Dolomite.
8270	9100	830	Dolomite and Anhydrite
9100	9230	130	Chert and Dolomite.
9230	10133	903	Chert, Shale and Limestone.
	10133		Total Depth
	10006		Drilled out Depth.

SLOPE TESTS

525	-1/4 deg.
1155	-1/4
1780	-1/2
2400	Straight
2900	1-1/4
3340	-1/2
3750	-1/2
4000	-1/2
4470	1-
5130	-3/4
5970	-3/4
6400	01/4
6830	-1/4
7215	-3/4
7700	-1/2
8300	Straight
8775	1/2
9085	-3/4
9320	-1/2
9600	-3/4

GEOLOGICAL DATA

Top Anhydrite	1532'
Top Salt	1634
Base Salt	2520
Top Yates	2690
Base Yates	2847
Top Artesia Red Sand	3488
Top San Andres	4228
Base San Andres	5744
Top Paddock	6052
Top Clearfork	6446
Top Abo	7779
Top Wolfcamp	9140
Top Pennsylvanian	9423
Elevation	41958 D.F.

DRILL STEM TESTS

- D.S.T. #1 - 9786' to 9830' - 4 hour Test - Opened tool with good blow of air - Gas up in 20 minutes - Vol. too small to measure. Recovered 90' Drlg Mud, 7740' Salt Water. No show of oil.
- D.S.T. #2 - 9840' to 9885' - 4 hour Test - Opened tool with strong blow of air. Gas up in 4 minutes - Vol. too small to measure - Blow gradually decreased during test. Recovered 110' of oil and gas cut drlg mud, 1500' free oil, Qty 37.6 corrected, 7615' salt water.
- D.S.T. #3 - 9890' to 9925' - 4 hour and 19 minute Test - Opened tool W/strong blow of air. Gas up in 5 minutes, mud up in 14 min., Oily salt water up in 19 minutes. Flowed 33.39 bbl salt water in 4 hours. Recovered 500' free oil, 580' oil cut 30% salt water and 7110' salt water.
- D.S.T. #4 - 9932' to 9960' - 5 hour and 34 minute Test - Opened tool with strong blow of air. Gas up in 4 minutes, mud up in 33 minutes, oil up in 34 min. Qty 40.4 @ 46. Flowed 96.02 bbl, 1.5% B.S. and 2.3% Salt water in 4 hours. Recovered 11.64 bbl oil, 90' drlg mud and 120' salt water.
- D.S.T. #5 - 9960' to 9994' - 4 hour and 29 minute Test - Opened tool with strong blow of air. Gas to surface in 4 minutes, mud up in 26 minutes, oil up in 29 minutes. Flowed 119.47 bbl in 4 hours. Qty 42.6 @ 52 deg. Gas Vol. at beginning of test, 1,008,000 cu ft p/d which decreased to 861,000 cu ft p/d at end of test. Flowed down 6.21 bbl oil. Recovered 12.42 bbl oil. Reversed out 100' fluid, 70% Salt Water and 30% Mud, 30' Drlg. Mud gas cut.
- D.S.T. #6 - 10,000' to 11,077' - 4 hour Test - Opened tool with fair blow of air which decreased to faint blow by end of test. No gas of fluid to surface. Recovered 280' Drlg. Mud, 270' Drlg. Mud salt water cut and 6760' black salty sulphur water. Small amount of gas in drill pipe at 6800'.