

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	6'	6'	Cellar
6	163'	157'	Caliche & Sand
163	1240'	1077'	Red Bed
1240'	1565'	325'	Red Bed and Red Rock
1565'	1805'	240'	Red Bed and Anhydrite Streaks
1805'	1994'	189'	Red Bed, Anhydrite and Salt
1994'	2250'	256'	Salt and Anhydrite Streaks
2250'	2570'	320'	Salt, Anhydrite and Red Rock
2570'	2950'	380'	Anhydrite and Salt Streaks
2950'	3382'	432'	Anhydrite and Salt
3382'	3566'	184'	Anhydrite and Gyp
3566'	3664'	98'	Anhydrite, Gyp and Lime
3664'	3741'	77'	Anhydrite and Gyp
3741'	3791'	50'	Anhydrite, Salt and Lime Streaks
3791'	3885'	94'	Lime & Anhydrite
3885'	7000'	3115'	Lime
7000'	7280'	280'	Dolomite and Anhydrite
7280'	8200'	920'	Shale, Anhydrite and Dolomite
8200'	8400'	200'	Dolomite and Anhydrite
8400'	8540'	140'	Chert, Dolomite and Anhydrite
8540'	9450'	910'	Limestone
	9450'		
	9450'		Total Depth
	9430'		Drilled out Depth

Geological Data

Base Red Bed	1652'
Top Salt	1725'
Base Salt	2370'
Top Yates	2454'
Base Yates	2574'
Top Artesia Red Sand	3170'
Top San Andres	3753'
Base San Andres	5129'
Top Paddock	5428'
Top Clearfork	5904'
Top Abo	7270'
Top Wolfcamp	8405'
Top Pennsylvanian	8661'
Top Pay	8672'

SLOPE TESTS

290'	-3/4 deg.
825'	-3/4
1375'	-3/4
2330'	-3/4
3310'	3-1/4
3440'	2-3/4
3740'	2-
4000'	-3/4
4700'	1-
5000'	1-1/4
5710'	-1/2
6140'	-1/2
6660'	-1/2
7000'	-1/2
7665'	-3/4
7920'	1-1/2
8255'	1-
8520'	1-
8950'	1-1/2
9275'	1-

DRILL STEM TESTS

- D.S.T. #1 - From 8644' to 8725'. Tool open 2 hours & 41 minutes. Opened W/weak blow for 26 min. & died. Re-opened W/weak blow for 4 min & died. Recovered 250' Drlg. Mud. - No show of oil, gas or water.
- D.S.T. #2 - From 8992' to 9060' - 4 hour test - Opened W/good blow of air - Gas to surface in 4 minutes, oil to surface in 2 hours & 40 minutes. Flowed 8.97 bbl in 4 hours. Recovered 730' oil, 80' Drlg. Mud 80% Oil Cut - No Water.
- D.S.T. #3 - From 9060' to 9080' - Tool open 4 hours with good blow - Gas up in 10 Min. No fluid to surface. Gas Vol 8950 cu. ft. per day. Recovered 1080' oil, 720' Drlg. Mud 25% oil & gas cut. - No water.
- D.S.T. #4 - From 9286' to 9355'. Tool open 1-3/4 hours. Opened with weak blow for 20 min and died. Re-opened with weak blow for 10 min. and died. - No fluid to surface. Recovered 200' Drlg. Mud - No show of oil, gas or water.
- D.S.T. #5 - From 9355 to 9450'. Tool open 4 hours & 55 minutes. Opened with strong blow. Gas up in 4 minutes, Mud up in 20 minutes & oil & water up in 40 min. Flowed 1.99 bbl oil, .91 bbl B.S. & 30.53 bbl oil in 4 hours - Gas Vol. 232,680 cu. ft. per day. Recovered 450' oil, 7650' Salt water, gas cut.