



## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	19	19	Cellar
19	100	81	Sand, Caliche & Shale
100	1670	1570	Sand & Shale
1670	3700	2030	Anhydrite, Salt, Sand & Shale
3700	4520	1820	Dolomite & Anhydrite
4520	4940	420	Limestone
4940	5458	518	Limestone, Dolomite, Shale & Anhydrite
5458	7000	1542	Dolomite, Anhydrite, Shale & Sand
7000	7300	300	Dolomite & Anhydrite
7300	8100	800	Shale & Dolomite
8100	8460	360	Dolomite & Anhydrite
8460	8710	250	Dolomite & Chert
8710	10220	1510	Limestone & Shale
10220	10440	220	Sand, Shale & Limestone
10440	10960	520	Limestone, Chert & Shale
10960	11010	50	Shale, Sand & Limestone
11010	11068	78	Limestone & Chert
11068	11115	27	Dolomite & Chert
	11115		Total Depth
			Plugged & Abandoned

## GEOLOGICAL DATA

Top Anhydrite	1698'
Top Salt	1776'
Base Salt	2414'
Top Yates	2504'
Top Artesia Red	
Sand	3224'
Top San Andres	3704'
Base San Andres	5167'
Top Padlock	5465'
Top Clear Fork	5946'
Top Abo	7307'
Top Wolfcamp	8476'
Top Pennsylvania	8716'
Top Mississippian	10430'
Top Devonian	11000'
Elevation - D.F.	4254'

## SLOPE TESTS

1300'	1/4 Deg.
2000'	1/4 "
2495'	1/2 "
3120'	3/4 "
3550'	1- "
4120'	1-1/4 "
4695'	1-1/4 "
5245'	3/4 "
5680'	3/4 "
6490'	3/4 "
7032'	1- "
7510'	1/4 "
7965'	1/4 "
8365'	3/4 "
8820'	1/2 "
9470'	1/2 "
10100'	1- "
10607'	2-1/4 "
10907'	1- "

## DRILL TESTS

8730' - 8790', op 4 hrs, op W/good blow air, gas up in 35 min, gas val 4640 on ft p/d. Rec. 360' drlg. mud, est 50% gas out, 215' drlg. mud, est 70% oil & gas out, 110' free oil, 95' salt water. Gvty 45.3.

9016' - 9095', op 4 hrs. Op W/fair blow which continued throughout test. No gas up. Rec. 180' drlg. mud, 1620' salt water, no shows oil or gas.

9323' - 9400', op 2 hrs. & 32 min. Op W/good blow air, gradually decreased & died. Rec. 540' drlg. mud, gas out; 6420' salt water, slightly gas out.

9752' - 9808', op 1 hr & 33 min. Op W/fair blow air & died. Rec. 990' water blanket, 50' drlg. mud, no shows gas, oil or formation water.

11003' - 11048', 1 hr. & 5 min. test. Op W/few bubbles for 5 min & died. Let tool set 1 hr. & re-opened W/3 bubbles. Rec. 1950' water blanket, no mud, oil, gas or water.

11068' - 11115', op 4 hrs. Op W/fair blow air which continued throughout test. No gas or fluid to surface. Rec 2010' water blanket, 2300' black, salty sulphur water, no shows of oil, water or gas.

11/15/11