



## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	6	6	Cellar
6	40	34	Sand
40	246	206	Caliche and Red Bed.
246	331	85	Red Bed and Shale Streaks
331	452	121	Sand & Red Bed.
452	592	140	Red Bed
592	636	44	Red Bed and Shale Streaks
636	915	279	Red Bed
915	1005	90	Anhydrite
1005	1064	59	Anhydrite
1064	1181	117	Salt Streaks
1181	1481	300	Salt
1481	1704	223	Salt and Anhydrite
1704	1881	177	Anhydrite and Salt
1881	2069	188	Anhydrite
2069	2300	231	Salt and Anhydrite
2300	2380	80	Anhydrite
2380	2490	110	Anhydrite and Sand
2490	2670	180	Anhydrite and Lime
2670	2695	25	Anhydrite, Lime and Sand
2695	2855	160	Lime and Anhydrite
2855	2940	85	Anhydrite, Lime and Sand
2940	3100	160	Anhydrite and Lime
3100	3160	60	Anhydrite, Lime and Sand
3160	3245	85	Anhydrite and Dolomite
3245	3300	45	Dolomite and Sand
3300	3335	35	Dolomite
3335	3390	55	Dolomite and Sand
3390	4470	1080	Dolomite
4470	4550	80	Lime
4550	4570	20	Lime and Dolomite
4570	5100	530	Dolomite
5100	5220	120	Dolomite and Sand
5220	5632	412	Dolomite.
5632	5652	20	Sand and Dolomite
5652	5760	108	Dolomite
	5760		Total Depth

SLOPE TESTS

260'	Straight
600	-1/2 deg.
1000	-3/4
1670	1-1/2
2150	1-3/4
2400	1-3/4
2860	-1/4
3350	1-1/4
4000	2-1/2
4570	2-1/2
4880	2-
5140	2-1/2
5325	2-3/4
5550	3-3/4
5710	3-7/8

GEOLOGICAL DATA

Top Anhydrite	960'
Top Salt	1090
Top Yates	2369
Top Minnert Line	2516
Top Grayburg	3360
Top San Andres	3739
Base San Andres	5114
Top San Angelo	5582
Top Clearfork	5681

DEEP STEM TESTS

- D.S.T. #1 - From 5175' to 5230' - 1 hour and 55 minute Test - Opened tool with fair blow which died in 25 minutes. Closed and re-opened tool with weak blow which died in 15 minutes. Well unloaded while packer was set - Pulled Pkr loose and well started flowing sulphur water. Circulated gas & water off. Recovered 70' drlg mud w/trace of oil. No water.
- D.S.T. #2 - From 5588' to 5645' - 1 hour & 50 minute test - Opened tool with weak blow of air for 15 minutes and died. At end of 1 hour well was unloading above Pkr. Could not close & re-open tool. Circulated gas & water off. Recovered 276' drlg mud. No water.
- D.S.T. #3 - From 5655' to 5715' - 4 hour Test - Opened tool with fair blow of air. Gas up in 1 hour & 50 minutes. Gas Vol. 2,590 cu ft p/d. No fluid to surface. Recovered 160' sulphur water and gas cut drlg mud w/trace of oil.
- D.S.T. #4 - From 5690' to 5735' - 4 hour Test - Opened tool with fair blow of air. Gas up in 1 hour & 35 minutes. Gas Vol. 2,910 cu ft p/d. Recovered 276' gas & oil cut drlg mud, colored with black sulphur residue.
- D.S.T. #5 - From 5735' to 5760' - 2 hour and 30 minute test - Opened tool with weak blow of air which continued thruout test. No gas or fluid to surface. Recovered 3588' sulphur water.