

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	6'	6'	Cellar
6'	1404'	1398'	Red Bed, Shale & Sand
1404'	1510'	106'	Anhydrite, Red Sand & Shale
1510'	2525'	1015'	Salt, Polyhalite and Anhydrite
2525'	2650'	125'	Anhydrite
2650'	2790'	140'	Red Sand & Anhydrite
2790'	3480'	690'	Dolomite & Anhydrite
3480'	3746'	266'	Dolomite, Anhydrite & Sand
3746'	3909'	163'	Dolomite & Sand
3909'	4100'	191'	Sand & Dolomite
4100'	5350'	1250'	Dolomite & Anhydrite
5350'	5855'	505'	Dolomite & Sand
5855'	6358'	503'	Dolomite
6358'	6950'	592'	Sand & Dolomite
6950'	7658'	708'	Dolomite & Limestone
7658'	7858'	200'	Limestone & Shale
7858'	8705'	847'	Dolomite & Chert
8705'	9102'	307'	Sand & Dolomite
9102'	9292'	280'	Sand & Shale
9292'	9464'	172'	Dolomite & Chert
9464'	9475'	11'	Granite
	9475'		Total Depth
	9312'		Plugged Back Depth

SLOPE TESTS

250'	1/2 deg.
1600'	1/2 deg.
2100'	3/4 deg.
2590'	5-1/2 deg.
2619'	5-1/2 deg.
2672'	5-1/2 deg.
2764'	4-3/4 deg.
2813'	4 deg.
2915'	4 deg.
3070'	3-1/4 deg.
3176'	3 deg.
3303'	2-3/4 deg.
3548'	2 deg.
3920'	1-1/4 deg.
4265'	1-1/4 deg.
4810'	1-3/4 deg.
5230'	2-3/4 deg.
5865'	1-1/2 deg.
6335'	1-1/4 deg.
6590'	1/4 deg.
6900'	straight
7470'	3/4 deg.
7815'	2 deg.
8150'	2-1/4 deg.
8560'	2-1/2 deg.
8890'	2-1/4 Deg.
9250'	2-1/4 deg.

GEOLOGICAL DATA

Elevation, Derrick Floor	3572'
Top Anhydrite	1450'
Base Salt	2559'
Top Yates	2702'
Top San Andres	4043'
Base San Andres	5347'
Top Clearfork	5876'
Top Tubbs	6363'
Top Wichita	6961'
Base Permian	7699'
Top Devonian	7909'
Top Silurian	8140'
Top Montoya	8451'
Top Simpson	8740'
Top McKee	9068'
Top Waddell	9267'
Top Connell	9318'
Top Ellenburger	9358'
Total Depth	9475'
Top Pay	9068'

RECORD OF DRILL STEM TESTS

DST #1	From 3683' to 3950', 4 hour test, 3-1/2" drill pipe. Opened tool with fair blow of air, gas to surface in 2 hours 35 minutes. Volume too small to measure. No fluid to surface. Recovered 180' drilling mud.
DST #2	From 7340' to 7522', 4 hour test, 3-1/2" drill pipe,. Opened tool with good blow of air. Gas to surface in 1 hour 47 minutes. Gas volume 3470 cu.ft.per day. Had 17 stands out of hole when drill pipe unloaded. Recovered an estimated 6 bbls. sulphur water and 2 bbls. oil.
DST #3	From 7522' to 7708', 4 hour test, 3-1/2" drill pipe. Opened tool with good to weak blow of air which held throughout test. No gas or fluid to surface. Recovered 360' gas cut drilling mud and 3870' sulphur water with trace of oil.
DST #4	From 9375' to 9475', 5-1/2 hour test, 3-1/2" drill pipe. Opened tool with fair blow of air that continued fair to weak throughout test. Drill pipe stuck above test tool and could not close tool. Pulled loose and came out. Recovered 180' drilling mud and 1450' salt water.