

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|-------------------------|---|--------------------------|---------------------------------------|
| 0' | 1400' | 1400' | Sand & Shale |
| 1400' | 1450' | 50' | Anhydrite, Sand & Shale |
| 1450' | 1500' | 50' | Dolomite, Anhydrite & Shale |
| 1500' | 2400' | 900' | Salt, Anhydrite & Shale |
| 2400' | 2640' | 240' | Asand, Anhydrite & Shale |
| 2640' | 3913' | 1273' | Salt, Shale, Sand & Anhydrite |
| 3913' | 5260' | 1347' | Dolomite |
| 5260' | 5480' | 220' | Dolomite & Lime |
| 5480' | 5830' | 350' | Sand, Dolomite & Shale |
| 5830' | 755 0' | 1720' | Dolomite with Few Anhydrite Stringers |
| 7550' 222 | 8220' | 670' | Shale, Anhydrite & Dolomite |
| 8220' | 8880' | 660' | Dolomite & Anhydrite |
| 8880' | 9998' | 1118' | Lime, Chert & Shale |
| | 9998' | | Total Depth |
| | 9770' | | Drilled Out Depth |
| <u>SLOPE TESTS</u> | | <u>GEOLOGICAL DATA</u> | |
| 300' | 1/4 deg. | Elevation, Derrick Floor | 4340' |
| 800' | 1/2 deg. | Top Anhydrite | 1409' |
| 1300' | 1/4 deg. | Top Yates | 2426' |
| 1800' | 1/2 deg. | Top Red Sand | 3199' |
| 2400' | 1 deg. | Top San Andres | 3901' |
| 3075' | 1/2 deg. | Base San Andres | 5463' |
| 3900' | Straight | Top Clearfork | 6152' |
| 4240' | Straight | Top Abe | 7507' |
| 4795' | Straight | Top Wolfcamp | 8723' |
| 4925' | 3/4 deg. | Top Pennsylvanian | 9023' |
| 5340' | 1-1/4 deg. | | |
| 5800' | 3/4 deg. | | |
| 6210' | 1 deg. | | |
| 6720' | 3/4 deg. | | |
| 7166' | 1/2 deg. | | |
| 7530' | 3/4 deg. | | |
| 7960' | 3/4 deg. | | |
| 8300' | 3/4 deg. | | |
| 8 690' | 1 deg. | | |
| 9150' | 1 deg. | | |
| 9615' | 3/4 deg. | | |
| 9825' | 1/2 deg. | | |
| <u>DRILL STEM TESTS</u> | | | |
| DST #1 | From 9705' to 9785', 7 hour 50 minute test, 3-1/2" drill pipe. Opened tool with strong blow of air; gas to surface in 5 minutes; mud in 3 hours 45 minutes; oil in 3 hours 46 minutes. Flowed 20.46 bbls. oil, 22 1/2 .24 bbls. BS and no water in 4 hours; gas volume 132,970 cu.ft. per day at end of test; gravity 42.2 corrected. Recovered out 11.04 bbls. clean oil. Recovered 88' sulphur out drilling mud and 170' slightly gas cut drilling mud. | | |
| DST #2 | From 9785' to 9810', 2 hour 57 minutes test, 3-1/2" drill pipe. Opened tool with max weak blow of air that gradually decreased. No gas or fluid to surface. Recovered 285' salty sulphur water; no oil. | | |
| DST #3 | From 9818' to 9998', 4 hour test, 3-1/2" drill pipe. 2 Opened tool with fair blow of air which gradually decreased to faint blow at end of test. No gas or fluid to surface. Recovered 180' drilling mud, 3780' sulphur water. | | |