



## FORMATION RECORD

| FROM  | TO    | THICKNESS<br>IN FEET | FORMATION                              |
|-------|-------|----------------------|----------------------------------------|
| 0     | 6     | 6                    | Cellar                                 |
| 6     | 100   | 94                   | 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  | 7350  | 50                   | Shale & Dolomite                       |
| 7350  | 7900  | 550                  | Shale, Dolomite & Anhydrite            |
| 7900  | 8420  | 520                  | Dolomite & Anhydrite                   |
| 8420  | 8600  | 180                  | Chert, Dolomite & Anhydrite            |
| 8600  | 10300 | 1700                 | Lime, Shale & Chert                    |
| 10300 | 10350 | 50                   | Sand, Shale & Limestone                |
| 10350 | 10770 | 420                  | Chert & Limestone                      |
| 10770 | 10825 | 55                   | Sand, Shale, Chert & Limestone         |
| 10825 | 10970 | 145                  | Dolomite & Chert                       |
|       | 10970 |                      | Total Depth                            |
|       | 10960 |                      | Plug Back Depth                        |

GEOLOGICAL DATA

|                      |           |
|----------------------|-----------|
| Elevation            | 4245 D.F. |
| Top Anhydrite        | 1751      |
| Top Salt             | 1809      |
| Base Salt            | 2438      |
| Top Yates            | 2511      |
| Base Yates           | 2653      |
| Top Artesia Red Sand | 3208      |
| Top San Andres       | 3788      |
| Base San Andres      | 5164      |
| Top Paddeck          | 5472      |
| Top Clearfork        | 5945      |
| Top Abo              | 7310      |
| Top Wolfcamp         | 8455      |
| Top Pennsylvanian    | 8701      |
| Top Mississippian    | 10360     |
| Top Devonian         | 10823     |

SLOPE TESTS

|       |           |
|-------|-----------|
| 1200' | -1/4 Deg. |
| 1487  | -3/4      |
| 2151  | 1-1/4     |
| 2954  | 1-1/2     |
| 3675  | 1-3/4     |
| 3926  | -3/4      |
| 4342  | -1/2      |
| 4646  | 1 -       |
| 5361  | -1/4      |
| 5946  | -1/4      |
| 6560  | 1-        |
| 6909  | 1-        |
| 7400  | 1-        |
| 7895  | -3/4      |
| 8305  | 1-        |
| 8720  | Straight  |
| 9130  | 1-1/2     |
| 9550  | 2-        |
| 9755  | 3-        |
| 10110 | 3-        |
| 10336 | 4-1/4     |
| 10535 | 2-1/4     |
| 10960 | 2-        |

DRILL STEM TESTS

- D.S.T. #1 - 8928' - 9000' Tool open 1 hour & 50 minutes W/fair blow - no fluid to surface - Recovered 155' Drlg. Mud. No show of oil, gas or water.
- D.S.T. #2 - 9000' - 9085' Tool open 4 hours with good blow - Gas to surface in 10 minutes - No fluid to surface - Recovered 1620' slightly oil cut Drlg. Mud, 540' 50% oil cut Drlg. mud, 4770' Oil, 50% Salt Water Cut and 1740' Salt Water Slightly oil cut.
- D.S.T. #3 - 9363' - 9435' Tool open 1 hour & 20 minutes W/slight blow & died - No fluid to surface - Recovered 550' Drlg. Mud - No show of oil, gas or water.
- D.S.T. #4 - 9436' - 9507' Tool open 1 hour & 38 minutes with weak blow and died in 18 minutes - No fluid to surface - Recovered 150' drlg. mud - No show of oil, gas or water.