



# FORMATION RECORD

| FROM | TO   | THICKNESS<br>IN FEET | FORMATION             |
|------|------|----------------------|-----------------------|
| 0    | 230  | 230                  | Surface sand & gravel |
| 230  | 260  | 30                   | Redbed                |
| 260  | 817  | 557                  | Red bed               |
| 817  | 1149 | 332                  | Red bed and shells    |
| 1149 | 1285 | 136                  | Red rock              |
| 1285 | 1380 | 95                   | Anhydrite             |
| 1380 | 1520 | 140                  | Anhydrite & salt.     |
| 1520 | 1690 | 170                  | Anhydrite             |
| 1690 | 2415 | 725                  | Anhydrite & salt      |
| 2415 | 2608 | 193                  | Anhydrite             |
| 2608 | 2667 | 59                   | Anhydrite & lime      |
| 2667 | 2715 | 48                   | Lime                  |
| 2715 | 2762 | 47                   | Sand & lime           |
| 2762 | 2771 | 9                    | Sand                  |
| 2771 | 2792 | 21                   | Sand & lime           |
| 2792 | 2802 | 10                   | Sand & lime           |
| 2802 | 2830 | 28                   | Lime                  |
| 2830 | 2885 | 55                   | Sand & lime           |
| 2885 | 2977 | 1092                 | Lime                  |

Total depth

Drill stem test 3845 - 3881' showed 250,000 cu.ft. gas.

Drill stem test 3881 - 3916' showed 10,000 MCF gas, no oil.

Test at 3908' showed 9,700 MCF gas flowing open thru casing with 4" drill stem in hole.

Test 3956-77' showed 20 bbls. oil per hour and 8,870 MCF gas daily.

Pulled drill stem and run tubing, 2 1/2", under pressure, setting same on bottom, 3977', with packer set at 3925'. Initial production 50 bbls. oil per hour and estimated 1,000 MCF gas per day flowing thru 3/4" choke on 2 1/2" tubing.

Humble pipe line to run allowable effective 2-16-56.