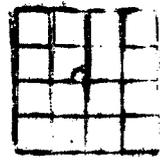


SHELL PETROLEUM CORP.
 L.B. Scroggins No. A-4

SEC. 14 T. 32 R. 2E.
 SE SE NW
 220' fr EL 159' fr SL

Total Depth. 2897
 Comm. 11-29-35 Comp. 1-3-36
 Shot or Treated.
 Contractor.
 Issued. 1-25-36

County. Sumner.



CASING.

16" 237'
 85/8" 2818'

Elevation.

Production. Net. 11,042 B.

Figurs Indicate Bottom of Formations.

| | | | |
|-----------------------------|------|---|---------|
| sand hard | 38 | 2380 equals 2400 S.L.C. | |
| shale and shells | 165 | sand oil stained | 2402 |
| sand | 172 | lime | 2427 |
| lime | 233 | lime | 2502 |
| lime shells | 249 | lime | 2535 |
| sand and lime shells | 273 | lime and broken shale | 2561 |
| lime | 310 | lime | 2602 |
| shale and lime shells | 334 | shale | 2619 |
| lime | 345 | lime | 2632 |
| broken lime and shale | 371 | broken lime and shale | 2675 |
| lime shells | 380 | lime and shale | 2693 |
| red bed | 390 | lime | 2765 |
| shale and broken lime | 496 | lime and broken shale | 2785 |
| broken lime | 520 | lime | 2800 |
| red bed and shale | 535 | 2800 equals 2792 SLC | |
| shells and shale | 553 | lime and shale | 2800 |
| lime shells and shale | 565 | shale | 2816 |
| sdv lime | 595 | dolomite | 2820 |
| shale and shells | 826 | 100' OIH $\frac{1}{4}$ hrs while drilling | 2820-26 |
| shale and lime shells | 948 | 2000' OIH $4\frac{1}{2}$ hrs while drilling | 2826-36 |
| lime | 963 | HFO 9 hrs while drilling | 2836-39 |
| shale | 990 | well flowed 10 bbls oil per hr | 2846 |
| lime and broken shale | 1051 | 15 bbls 2847 30 bbls 2848 55 bbls 2850 | |
| broken lime and shale | 1190 | 100 bbls 2851 | |
| lime | 1213 | increase 2854-2861 flowing 200 bbls per | |
| shale | 1234 | hr 2861 | |
| lime shells | 1269 | dolomite | 2891 |
| lime shells and shale | 1346 | 2891 equals 2892 S.L.C. | |
| shale and lime shells | 1365 | dolomite | 2897 |
| lime | 1383 | Total Depth. | |
| broken lime and shale | 1465 | | |
| shale | 1482 | Flowed 2690 bbls in 14 hrs while drilling | |
| lime | 1534 | 2864-2881. flowed 280 bbls 1 hr 2884 | |
| lime hard | 1562 | average 294 bbls per hr for 5 hrs 2897 | |
| broken lime and shale | 1600 | flowed 385 bbls oil no water in 30 Min. | |
| shale | 1654 | | |
| sdv lime and shale | 1705 | | |
| lime | 1719 | | |
| lime hard | 1722 | | |
| sdv lime and shale | 1763 | | |
| broken lime and shale | 1804 | | |
| lime and shale | 1849 | | |
| lime shells and shale | 1895 | | |
| shale | 1990 | | |
| sand | 2010 | | |
| broken sand and shale | 2028 | | |
| sand and shale | 2077 | | |
| sand | 2080 | | |
| brokens sand | 2108 | | |
| sand and lime | 2190 | | |
| sand and lime | 2196 | | |
| shale | 2204 | | |
| shale | 2364 | | |
| brown lime and broken shale | 2370 | | |
| sand Oil saturated | 2380 | | |