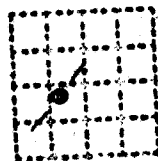


NORTHERN ORINANCE, INC.  
Trueman B. Lewis No. 1.

SEC. 36 T. 31 R. 5 E  
NW NE SW

Total Depth. 3498'  
Comm. 6-30-43 Comp. 9-11-43  
Shot or Treated. None  
Contractor. Petroleum Drlg. Co.  
Issued. 10-16-43

County. Cowley



CASING:  
20" 19' P 10" 1685' P Elevation.  
15 1/8" 494' P 8 1/4" 1960' UR 2019' P  
12 1/8" 1210' P 7" 2690' P Production. Dry  
Figures Indicate Bottom of Formations.

|                |      |               |      |                  |      |
|----------------|------|---------------|------|------------------|------|
| cellar         | 8    | lime          | 1085 | lime             | 2820 |
| shale          | 35   | shale         | 1095 | shale            | 2870 |
| lime           | 70   | lime          | 1105 | shells-shale     | 2910 |
| shale          | 75   | lime sdy      | 1115 | lime             | 2915 |
| lime           | 120  | shale         | 1210 | shale            | 3025 |
| shale          | 130  | lime          | 1215 | red rock         | 3027 |
| lime           | 140  | shale         | 1220 | shale            | 3064 |
| shale          | 160  | lime          | 1238 | chert            | 3070 |
| red rock       | 165  | shale         | 1270 | lime             | 3435 |
| lime           | 210  | lime          | 1300 | shale blk        | 3495 |
| red rock       | 228  | lime sdy      | 1305 | lime             | 3498 |
| lime           | 294  | shale         | 1340 | Total Depth.     |      |
| shale          | 300  | lime          | 1365 |                  |      |
| lime           | 315  | shale         | 1375 |                  |      |
| shells & shale | 330  | lime          | 1390 | 10 BWH 455-85    |      |
| lime           | 345  | shale         | 1395 | 2 1/2 BWH 635-50 |      |
| shale          | 350  | lime          | 1410 | 2 1/2 BWH 885-90 |      |
| red rock       | 370  | shale         | 1495 | 1 BWH 1300-05    |      |
| lime           | 375  | lime          | 1505 | HFW 1960-90      |      |
| red rock       | 390  | shale         | 1580 | 1 BWH 2370-75    |      |
| lime           | 405  | lime          | 1590 | 1 BWH 2555-60    |      |
| shale          | 410  | shale         | 1610 | HFW 2595-2605    |      |
| lime           | 420  | red rock      | 1645 |                  |      |
| shale          | 430  | shale cave    | 1670 |                  |      |
| lime           | 435  | lime          | 1700 |                  |      |
| red rock       | 445  | red rock cave | 1710 |                  |      |
| lime           | 475  | shale         | 1730 |                  |      |
| shale          | 493  | lime          | 1735 |                  |      |
| lime           | 515  | shale wh cave | 1740 |                  |      |
| shale          | 525  | lime          | 1745 |                  |      |
| lime           | 545  | lime sdy      | 1755 |                  |      |
| shale          | 590  | shale         | 1960 |                  |      |
| lime           | 595  | sand HFW      | 1990 |                  |      |
| shale          | 635  | shale         | 1993 |                  |      |
| lime sdy       | 650  | sand          | 2015 |                  |      |
| shale          | 655  | shale         | 2090 |                  |      |
| lime           | 660  | lime          | 2105 |                  |      |
| shale          | 675  | shale         | 2355 |                  |      |
| lime           | 685  | sand          | 2369 |                  |      |
| shale          | 775  | lime sdy 1EW  | 2385 |                  |      |
| lime           | 780  | shale         | 2440 |                  |      |
| shale          | 840  | lime          | 2525 |                  |      |
| lime           | 855  | shale         | 2545 |                  |      |
| shale          | 860  | lime          | 2580 |                  |      |
| lime           | 870  | shale         | 2595 |                  |      |
| shale          | 875  | lime sdy      | 2605 |                  |      |
| lime           | 925  | sand          | 2610 |                  |      |
| shale          | 935  | lime          | 2620 |                  |      |
| lime           | 950  | sdv shale     | 2635 |                  |      |
| shale          | 960  | sand          | 2680 |                  |      |
| lime           | 965  | lime          | 2710 |                  |      |
| redrock        | 970  | shale         | 2715 |                  |      |
| shale          | 995  | lime sdy      | 2725 |                  |      |
| lime           | 1020 | lime hd       | 2740 |                  |      |
| shale          | 1045 | shale         | 2745 |                  |      |
| lime           | 1063 | lime          | 2780 |                  |      |
| shale          | 1065 | shale blk     | 2785 |                  |      |
| lime           | 1070 | lime          | 2805 |                  |      |
| shale          | 1080 | shale         | 2810 |                  |      |