

WELL LOG BUREAU -- KANSAS GEOLOGICAL SOCIETY  
508 East Murdock Wichita, Kansas

18-21-12W

Company - MIDSTATES OIL CORPORATION  
Farm - Clark No. 4

SEC. 18 T. 21 R. 12W  
SW NE SE

Total Depth. 3545

Comm. 8-29-50

Comp. 9-19-50

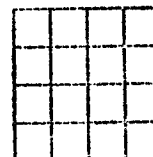
Shot or Treated.

Contractor.

Issued. 10-28-50

County. STAFFORD

KANSAS



CASING:

8 5/8" 308' cem. w/250 sx

5 1/2" 3530' cem. w/200 sx

Elevation. 1864 DF

Production. 321 bbls. oil

Figures Indicate Bottom of Formations.

|                        |      |
|------------------------|------|
| sand & redbed          | 308  |
| redbed                 | 900  |
| shale & shells         | 1095 |
| redbed & shells        | 1285 |
| salt                   | 1410 |
| shale, shells & redbed | 1590 |
| broken lime            | 1825 |
| lime & shale           | 2375 |
| broken limo            | 2545 |
| shale & limo           | 2690 |
| broken limo            | 3045 |
| lime & shale           | 3105 |
| broken lime            | 3225 |
| shale                  | 3265 |
| limo                   | 3305 |
| limo, shale breaks     | 3380 |
| limo                   | 3483 |
| Conglomerate           | 3535 |
| lime                   | 3537 |
| lime & shale           | 3540 |
| green shale            | 3542 |
| lime                   | 3545 |
| Total depth            |      |

Tops:

|              |      |
|--------------|------|
| Topeka       | 2834 |
| Hoebner      | 3114 |
| Brown lime   | 3241 |
| White lime   | 3258 |
| Conglomerate | 3479 |
| Simpson      | 3494 |
| Arbuckle     | 3527 |
| RTD          | 3533 |

Drilled to 3543 DF with cable tools.

Completed in Arbuckle