

**WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY**  
 503 East Murdock,                      Wichita, Kansas

Company- D.R. LAUCK OIL CO., INC. & SUNRAY MID\*  
 Farm- Smith                      No. 4

SEC.  
 CONTINENT OIL CO.

16 T. 24  
 NE NE SW

R. 11W

Total Depth. 4298'

Comm. 4-22-56

Comp. 5-7-56

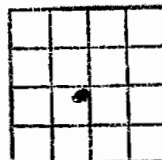
Shot or Treated.

Contractor.

Issued. 7-7-56

County

Stafford  
 KANSAS



Elevation. 1976 DF

Production. 402 BOPD

**CASING:**

8 5/8" 212' w/165 sx cem.  
 5 1/2" 4292' w/100 sx cem.

Figures Indicate Bottom of Formations.

|                  |          |
|------------------|----------|
| sand             | 150      |
| shale            | 212      |
| shale-shells     | 320      |
| shale            | 380      |
| sand-red bed     | 440      |
| red bed          | 915      |
| Anhydrite        | 935      |
| shale-shells     | 1250     |
| salt-shale       | 1285     |
| shale-lime       | 1490     |
| shale-shells     | 1780     |
| lime             | 1785     |
| lime-shale       | 3220     |
| shale-shells     | 3280     |
| lime-shale       | 3527     |
| lime             | 3540     |
| lime-shale       | 3604     |
| shale            | 3660     |
| lime             | 3972     |
| shale            | 4010     |
| lime-shale-chert | 4098     |
| shale-chert      | 4115     |
| lime-shale-chert | 4212     |
| shale            | 4294     |
| Arbuckle         | 4298 RTD |
| Total Depth      |          |

| TOPS:            | SAMPLE | SCHL. |
|------------------|--------|-------|
| Anhydrite        | 915    |       |
| Heebner          | 3520   | 3519  |
| Brown lime       | 3664   | 3662  |
| Lansing K C      | 3684   | 3682  |
| Base Kansas City | 3945   | 3943  |
| Mississippian    | 4069   | 4068  |
| Viola            | 4158   | 4157  |
| Simpson shale    | 4235   | 4232  |
| Arbuckle         | 4291   | 4290  |

DST #1 3800-3815 open 30 min;  
 weak blow 30 min;  
 Rec. 45' mud; BHP 115# in  
 20 min;

DST #2 4070-4098 open 1 hr.  
 strong blow 1 hr. Rec.  
 185' thin oil & gas cut  
 mud: BHP 440#, 30 min.  
 & still building;

DST #3 4294-4298 open 1 hr;  
 strong blow 1 hr; Rec.  
 1690' gas above 4470'  
 clean gassy oil; IFP 0#;  
 FFP 460#; BHP 1030# in  
 40 min.