

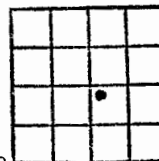
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

Company- IMPERIAL OIL OF KANSAS, INCORPORATED  
Farm- Frazier No. 1

15-065-01001  
SEC. 8 T. 9 R. 23W  
NW NW SE

Total Depth. 3920'  
Comm. 2-3-57 Comp. 2-23-57  
Shot or Treated.  
Contractor. Imperial Oil of Kansas, Inc.  
Issued. 4-20-57

County Graham KANSAS



Elevation. 2352' RB

Production. 28 BOPD no water

Figures indicate Bottom of Formations.

|                 |         |
|-----------------|---------|
| sand & clay     | 35      |
| shale & shells  | 715     |
| sand & shale    | 1120    |
| sand            | 1240    |
| shale & sand    | 1525    |
| sand            | 1625    |
| sand & shale    | 1730    |
| shale & Red Bed | 1995    |
| Anhydrite       | 2030    |
| shale & shells  | 2535    |
| shale & lime    | 3535    |
| lime            | 3920RTD |
| Total Depth     |         |

TOPS

|           |      |
|-----------|------|
| Anhydrite | 1995 |
| Heebner   | 3648 |
| Toronto   | 3672 |
| Lansing   | 3690 |

DRILL STEM TESTS

DST #1 3729-56 op. 1 hr.  
Rec. 1' oil, 15' mud  
BHP 420#.  
DST #2 3729-56 Op. 1 hr.  
Rec. 35' partially spent  
acid no BHP  
DST #3 3752-62 op. 1 hr.  
Rec. 17' mud. BHP 630#.  
DST #4 3762-66 op. 1 hr.  
Rec. 15' mud BHP 1170#.  
DST #5 3752-66 op. 1 hr.  
Rec. 90' muddy acid  
water. No BHP  
DST #6 3809-34 op. 1 hr.  
Rec. 10' mud. BHP 80#.  
DST #7 3832-47 op. 2 hrs.  
Rec. 220' gas, 80' very  
heavily oil cut mud.  
BHP 1010#.  
DST #8 3846-69 op 1/2 hr.  
Rec. 8' mud BHP 0#.  
DST #9 3868-92' op. 1  
hr. Rec. 6' mud BHP 25#.