

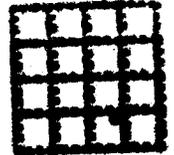
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY  
412 Union National Bank Bldg, Wichita, Kansas

CITIES SERVICE OIL CO;  
Ray No. 2

SEC. 32 T. 5 R. 20W.  
NE SW SE  
1650' So. 990' E. of Cente

Total Depth. 3542  
Comm. 12-11-40 Comp. 12-30-40  
Shot or Treated. None.  
Contractor. Harbar Drilling Co.  
Issued. 2-1-41

County Phillips.



CASING.

10 3/4" 159' Cemented.  
5 1/2" 3518' Cemented.

Elevation. 2127

Production. Pot. 2923 B.

Figures Indicate Bottom of Formations. No wtr. Echometer

|                       |             |
|-----------------------|-------------|
| sand shale and shells | 170         |
| shale and shells      | 995         |
| sd shale              | 1080        |
| shale and shells      | 1160        |
| sand                  | 1365        |
| shale and shells      | 1630        |
| anhydrite             | 1675        |
| shale and shells      | 1875        |
| shale                 | 1895        |
| lime and shale        | 1985        |
| shale and shells      | 2275        |
| lime                  | 2309        |
| shale and lime        | 2320        |
| lime                  | 2325        |
| shale and lime        | 2690        |
| lime                  | 2730        |
| shale and lime        | 3040        |
| lime                  | 3440        |
| shale and lime        | 3475        |
| sd shale              | 3495        |
| shale and shells      | 3522        |
| Reagan sand           | 3523        |
| 3523 Rot. T.D. equals | 3521 S.L.M. |
| sand                  | 3542        |

Total Depth.

Corr. Top Reagan sand 3520  
Penetration 22'

Fillup 770' oil in 1 1/2 hours.  
2000' oil in 5 1/2 hours.  
2700' oil in 9 1/2 hours.