

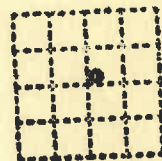
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY  
412 Union National Bk Bldg., Wichita, Kansas

CITIES SERVICE OIL CO.  
Heylman No. 3.

SEC. 15 T. 23 R. 10 W  
SW 1/4 NE  
330' N 330' E of Center

Total Depth. 3796'  
Comm. 4-21-42 Comp. 5-8-42  
Shot or Treated. None  
Contractor. Hisson Drlg. Co.  
Issued. 7-11-42

County. Reno



CASING:  
8 5/8" 320' Cem.  
5 1/2" 3790' Cem.

Elevation.

Production. BHP Gauge Pot.  
3000 BO, No Wtr  
(Ind. Cap. 23,364 B.)

Figures Indicate Bottom of Formations.

|                             |      |
|-----------------------------|------|
| sand                        | 115  |
| red bed & shells            | 270  |
| shale                       | 315  |
| lime shells                 | 320  |
| shale & red bed             | 809  |
| shale & shells              | 1140 |
| salt & shale                | 1260 |
| shale                       | 1310 |
| shale, shells,<br>anhydrite | 1515 |
| lime                        | 1755 |
| shale & lime                | 1840 |
| lime                        | 1945 |
| lime brkn                   | 2055 |
| shale & lime                | 2265 |
| lime shells & shale         | 2395 |
| shale & lime                | 2860 |
| lime                        | 3120 |
| lime & shale                | 3205 |
| shale                       | 3304 |
| lime                        | 3407 |
| lime hd cherty              | 3430 |
| lime & chert                | 3479 |
| lime                        | 3675 |
| lime & shale                | 3760 |
| lime                        | 3791 |
| 3791 Rot. TD=3791 SLM       |      |
| lime                        | 3796 |
| Total Depth.                |      |

Top Viola 3789  
Penetration 7

Loaded hole w/1700' wtr  
before drilling-in  
Pay 3792-96, hole filled  
1700' to 3000' (1300')  
in 4 1/2 hrs