

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

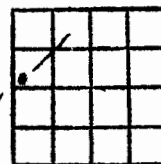
15-141-00054

Company- CITIES SERVICE OIL CO.  
 Farm- Bales No. 1

SEC. 14 T. 8 R.14W  
 SW SW NW  
 455' N & 330' E of W/4  
 Corner

Total Depth. 3847'  
 Comm. 4-6-58 Comp. 4-23-58  
 Shot or Treated.  
 Contractor. Lohmann-Johnson drlg.  
 Issued. 5-31-58

County Osborne  
 KANSAS



CASING:  
 8 5/8" 240' cem w/175 sx.

Elevation. 1798' Gr.

Production. Dry

Figures indicate Bottom of Formations.

|                |      |
|----------------|------|
| shale          | 1030 |
| anhydrite      | 1065 |
| shale          | 1090 |
| shale & shells | 1530 |
| shale & lime   | 1780 |
| lime & shale   | 1925 |
| lime           | 2518 |
| shale & lime   | 2605 |
| lime & shale   | 2788 |
| lime           | 3500 |
| shale          | 3535 |
| lime           | 3847 |
| Total Depth    |      |

|                     |      |
|---------------------|------|
| TOPS:               |      |
| Topeka              | 2731 |
| Heebner             | 2974 |
| Dodge               | 2997 |
| Lansing             | 3022 |
| Base Kansas City    | 3337 |
| Cherty Conglomerate | 3527 |
| Viola               | 3584 |
| Simpson             | 3716 |
| Arbuckle            | 3768 |
| Pen.                | 79'  |

DST 1768-80. open 1 hr, rec. 10' mud;  
 BHP 515# in 30 mins.

DST 3073-95, open 1 hr, rec. 12' mud;  
 BHP 155# in 30 mins.

DST 3467-3500, open 1 hr, rec. 20' mud  
 BHP 780# in 30 mins.

DST 3646-95, open 1 hr, rec. 20' mud;  
 BHP 710# in 30 mins.