

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

Plotted J.S.

5-16-13W

CITIES SERVICE OIL CO.  
Bitter No. 5-A

SEC. 5 T. 16 R. 13W  
NW NE NE NW  
330' S. 600' W of N $\frac{1}{2}$

Total Depth. 3320

Comm. 2-29-40 Comp. 3-20-40

Shot or Treated. 2000 Gal acid. 3-21-40

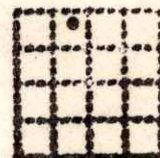
Contractor. Corbett-Barbour Drlg. Co.

Issued. 4-27-40

County Barton.

CASING.

|                   |       |        |          |
|-------------------|-------|--------|----------|
| 85/8"             | 325'  | Rotary | 3313 SLM |
| 5 $\frac{1}{2}$ " | 3313' | Cable  | 3320     |



Elevation

Production. Pot. 784 B.

Figures Indicate Bottom of Formations. Echo-Meter no wtr.

|                     |      |
|---------------------|------|
| sand rock           | 100  |
| iron                | 115  |
| lime and shale      | 200  |
| shale               | 315  |
| red rock            | 325  |
| shale and shells    | 475  |
| red bed             | 523  |
| red bed and shale   | 715  |
| red bed             | 763  |
| anhydrite           | 814  |
| shale and shells    | 935  |
| shale               | 970  |
| lime                | 975  |
| shale and shells    | 1232 |
| salt                | 1425 |
| shale               | 1455 |
| broken lime         | 1604 |
| lime                | 1667 |
| shale and shells    | 1740 |
| broken lime         | 1800 |
| shale and shells    | 1817 |
| broken lime         | 1891 |
| broken lime & shale | 1950 |
| lime                | 1976 |
| broken lime         | 2044 |
| lime                | 2100 |
| broken lime         | 2125 |
| broken lime & shale | 2225 |
| shale and lime      | 2308 |
| shale and shells    | 2579 |
| broken lime & shale | 2646 |
| shale               | 2690 |
| lime                | 2695 |
| broken lime         | 2771 |
| lime                | 3091 |
| lime cored (rec 5') | 3104 |
| lime                | 3274 |

|                     |          |
|---------------------|----------|
| broken lime & shale | 3315     |
| lime                | 3316     |
| Rotary Total Depth  | 3316     |
| 3316 equals         | 3313 SLM |
| Corr. Rotary T.D.   | 3313     |
| lime                | 3320     |
| Total Depth.        |          |

|                    |      |
|--------------------|------|
| Top Lansing        | 3061 |
| Corr. Top Arbuckle | 3312 |
| Penetration        | 8    |

FILLUP

|       |                  |
|-------|------------------|
| 300'  | oil in 1 hour    |
| 500'  | oil in 2 hours.  |
| 1000' | oil in 3 hours.  |
| 1800' | oil in 5 hours.  |
| 2350' | oil in 9 hours.  |
| 2750' | oil in 15 hours. |

Acidized 2000 gal March 21, 1940.