23-15-14W

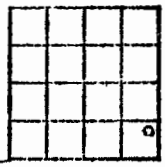
WELL LOG BUREAU -- KANSAS GEOLOGICAL SOCIETY
412 Union National Bk. Bldg., Wichita, Kansas

Company - CITIES SERVICE OIL CO.
Farm - Bender "B" No. 4

SEC. 23 T. 15 R. 14 W
NE SE SE
990' N & 330' W of SE corner

Total Depth. 3353'
Comm. 2-3-47 Comp. 2-23-47
Shot or Treated.
Contractor. Corbett-Barbour Drlg. Co.
Issued. 5-17-47

County. Russell
KANSAS



Elevation. 1895 act

CASING:
8 5/8" 350' Cem. w/135 sx.
5½" 3343' Cem. w/100 sx.

Production. Phy. Pot. 32 BO,6 BW, 24 hrs.

Figures Indicate Bottom of Formations.

| | |
|---|---|
| shale & shells | 0-395 |
| sand & iron pyrite | 430 |
| shale, red bed & shells | 735 |
| red bed & shells | 875 |
| anhydrite | 920 |
| red bed & shells | 1325 |
| salt | 1430 |
| shale & shells | 1575 |
| lime & shale | 1800 |
| lime | 1840 |
| lime brkn | 1985 |
| lime | 2070 |
| lime & shale | 2860 |
| lime | 3030 |
| lime & shale | 3065 |
| lime | 3348 |
| 3348 RTD=3345 SLM | |
| lime | 3353 |
| Total Depth. | |

Tops:
Lansing 3099
Arbuckle Corr. 3343
Penetration 10'

Fillup:
70' oil in 1 hr. 3351'
160' oil in 2 hrs. 5 min. 3353'
250' oil in 3¼ hrs.
600' oil in 9 3.4 hrs.
750' oil in 12 3/4Hrs.