

Company- CITIES SERVICE OIL CO.  
Farm- Stokes No. 102

SEC. 33 T. 25 R. 5E  
NW SE SE SE  
500' N, 500' W. of SE corner

Total Depth. 2624

Comm. 2-18-52

Comp. 4-1-52

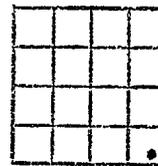
County Butler

KANSAS

Shot or Treated.

Contractor. B. &amp; R. Drlg. Inc. &amp; C. L. Roberts

Issued. 7-12-52



## CASING:

10 3/4" 79' ccm. w/65 sx

7" 2554' ccm. w/150 sx

Elevation. 1350 RTB

1354 (Ind)

Production. 2 BO 14 BW 24 hrs.

Figures indicate Bottom of Formations.

|                       |      |                                   |
|-----------------------|------|-----------------------------------|
| soil                  | 5    | 2565-70' G.S.O.                   |
| lime HW @ 35'         | 57   | 2570-81' S.O.                     |
| lime                  | 60   | 2581-85' S.S.O.                   |
| shale                 | 74   | Best pay 2555-81'                 |
| lime                  | 100  | Az. w/1000 gals. used             |
| lime & shale          | 270  | 110 bbls. load oil-well           |
| lime                  | 439  | would not pump up Drilled         |
| shale, shells, & sand | 1050 | deeper: 2575-2624'                |
| lime & shale          | 1255 | 2585-2605' sand med. grd.         |
| lime                  | 1430 | 2605-22' sand fine grd.           |
| lime & shale          | 2538 | 2622-24' red rock horizon         |
| shale                 | 2553 | Pay Zones in Simpson sand         |
| lime                  | 2584 | 2590-96' S.O.                     |
| sand                  | 2618 | 2602-05' V.S.S.O.                 |
| sand                  | 2622 | Bailed 1 gal. oil, 3 gals.        |
| red rock              | 2624 | water per hr. at T.D.             |
| Total Depth           |      | Shot with 20 qts. from 2585-2605' |
|                       |      | Cleaned out after shot to T.D.    |
|                       |      | Put on vacuum                     |
|                       |      | Set pumping unit                  |
| Tops:                 |      |                                   |
| Top 700' Sand 613'    |      |                                   |
| Douglas Sand          | 1497 |                                   |
| Base                  | 1547 |                                   |
| Lansing Lime          | 1730 |                                   |
| Base                  | 1851 |                                   |
| Kansas City Lime      | 2020 |                                   |
| Base                  | 2170 |                                   |
| Viola Lime            | 2553 |                                   |
| Base Viola            | 2585 |                                   |
| Simpson Sand          | 2585 |                                   |

## Steel Line Measurement:

437=439

999=999

1527=1528

1994=1998

2496=2499

2553=2555

Note: All measurements taken  
from R.T.B.

Note: The Viola Lime was acidized  
with 1000 gals. and 110 bbls. load  
oil. To date (4-27-52) 94 bbls. of  
load oil have not yet been recovered.  
It is believed vacuum may increase  
oil production up to around 25 bbls.  
in time.

R.T.D. 2555'

Ran Electric log to 2555'

613-24' G.S.O.

2nd pay in shallow sand 637'

637-56' S.O.

1497' N.S.O.

1730' N.S.O.

2020' N.S.O.

2553-55' S.O.

2555-59' G.S.O.

2559-65' F.S.O.