

WELL RECORD

Blazier Unit Tract 1 Well 4

Company Cities Service Oil Co. et al. Well No. 4 Farm Vance
 Location 330' South and 990' East of W/4 Cor. Sec. 21 T. 7 R. 25W
 Elevation 2559 (2557 Gr.) County Graham State Kansas
 Drlg. Comm. December 26, 1955 Contractor Glenn W. Peel Drilling Co.
 Drlg. Comp. January 5, 1956 Acid 1000 gals. 3861-71 (1-12-56)
 T.D. 3925' Initial Prod. Physical Potential: 91 oil, 34% water, 24 hrs. (2-16-56)
 P.B.T.D. 3907'

CASING RECORD:

8-5/8" @ 238' cem. 175 sx cement
 5-1/2" @ 3923' cem. 175 sx cement

FORMATION RECORD:

| | |
|----------------|------|
| soil | 0-50 |
| shale & sand | 238 |
| shale & shells | 1775 |
| shale & sand | 2170 |
| anhydrite | 2225 |
| shale | 2640 |
| shale & lime | 2930 |
| lime | 3040 |
| shale & lime | 3150 |
| lime | 3925 |

3925 RTD = 3925 SIM

| | |
|------------------|-------|
| Topeka | 3464' |
| Heebner | 3666' |
| Dodge | 3688' |
| Lansing | 3706' |
| Base Kansas City | 3914' |
| Total Depth | 3925' |

Drilled cement to 3907 S. L. M.

Perf. 9 shots 3882-90, no show.
 Perf. 41 shots 3882-90, 3861-71
 24 gals. oil per hour.

SLOPE TESTS (SYFO):

| | |
|-------|----|
| 500' | 1° |
| 1000' | 0° |
| 1500' | 1° |
| 2000' | 1° |
| 2500' | 0° |
| 3000' | 1° |

7-7/8" rotary hole.