

# WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY

508 East Murdock,

Wichita, Kansas

23-5-21W

Company OSAGE-MURFIN  
Farm- Kemper

No. 1

SEC. 23 T. 5  
SE SE SW

R.21W

Total Depth. 3644'

Comm. 9-25-59

Comp. 10-4-59

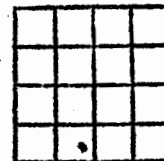
Shot or Treated.

Contractor. Murfin Drilling Company

Issued. 4-2-60

County Norton

KANSAS



Elevation. 2118 Est.

Production. 33 BOPD

## CASING:

8 5/8" 194' cem. w/165 sx.

5 1/2" 3638' cem. w/100 sx.

## Figures Indicate Bottom of Formations.

|                      |      |
|----------------------|------|
| 12 1/4 Surface hole  | 194  |
| shale                | 650  |
| sand-shale           | 750  |
| shells shale         | 850  |
| sand                 | 1100 |
| shale-shells         | 1225 |
| sand shale-shells    | 1540 |
| shells-shale-red bed | 1700 |
| red bed-shale        | 1800 |
| anhydrite            | 1838 |
| shale & lime shells  | 2225 |
| shale-shells         | 2370 |
| lime-shale           | 3450 |
| lime chert           | 3515 |
| lime chert shale     | 3540 |
| lime shale           | 3636 |
| Arbuckle             | 3640 |
| Arbuckle             | 3644 |
| Total Depth          |      |

## TOPS:

|           |      |
|-----------|------|
| Anhydrite | 1800 |
| Arbuckle  | 3636 |

## TOPS: SCOUT

|                  |      |
|------------------|------|
| Topeka           | 3192 |
| Heebner          | 3361 |
| Toronto          | 3388 |
| Lansing          | 3402 |
| Base Kansas City | 3586 |