

WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY
 508 East Murdock, Wichita, Kansas

Company. FRONTIER OIL COMPANY
 Farm. Kraus "E" No. 1

SEC. 16 T. 14 R. 19W
 SW SW SE

Total Depth. 3801'
 Comm. 11-29-59 Comp. 12-8-50
 Shot or Treated.
 Contractor. Red Tiger Drilling Co.
 Issued. 5-26-60

County Ellis
 KANSAS



Elevation. 2161 DF

Production. 80 BOFD

CASING:

8 5/8" 206' cem. w/135 sk.
 5 1/2" 3799' cem. w/150 sk.

Figures indicate Bottom of Formations

| | |
|-------------------------|----------|
| sod shale | 204 |
| shale & shells | 850 |
| sand | 1120 |
| shale, red bed & shells | 1235 |
| red bed shale | 1438 |
| anhydrite | 1475 |
| shale shells | 1570 |
| shale & shells | 2050 |
| lime & shale | 2255 |
| lime shale | 2394 |
| lime & shale | 2735 |
| lime shale | 3070 |
| lime & shale | 3235 |
| lime shale | 3300 |
| lime | 3801 RTD |
| Total Depth | |

TOPS:

| | |
|----------------------|------|
| Anhydrite | 1438 |
| Heebner | 3425 |
| Lansing-Kansas City | 3471 |
| Base of Kansas City | 3714 |
| Marmaton Cherty Lime | 3746 |
| Conglomerate | 3759 |
| Arbuckle | 3797 |