

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

Company- FRONTIER OIL COMPANY
Farm- Kraus "A" No. 5

SEC. 22 T. 14 R. 19W
SW NW SW

Total Depth. 3760'
Comm. 11-28-59 Comp. 12-7-59
Shot or Treated.
Contractor. Red Tiger Drilling
Issued. 3-26-60

County Ellis

KANSAS



Elevation. 2144 DF

Production. 80 BOPD

CASING:

8 5/8" 208' cem. w/135 sx.
5 1/2" 3758' cem. w/150 sx.

Figures indicate Bottom of Formations.

| | |
|------------------|---------|
| clay & soil | 40 |
| shale shells | 208 |
| shale & shells | 640 |
| shale & sand | 770 |
| shale & shells | 870 |
| sand | 1075 |
| red bed & shells | 1405 |
| redbed shells | 1410 |
| anhydrite | 1455 |
| shale shells | 1860 |
| shale & shells | 2010 |
| shale & lime | 2160 |
| lime | 2668 |
| lime | 2715 |
| shale & lime | 2875 |
| shale lime | 3070 |
| shale & lime | 3165 |
| lime & shale | 3300 |
| lime shale | 3385 |
| lime & shale | 3455 |
| lime | 3760RTD |
| Total Depth | |

TOPS:

| | |
|----------------------|------|
| Anhydrite | 1410 |
| Heebner | 3395 |
| Lansing | 3442 |
| Base of Kansas City | 3684 |
| Marmaton Cherty Lime | 3715 |
| Conglomerate | 3731 |
| Arbuckle | 3756 |