18-21-3E

# WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY

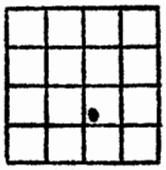
508 East Murdock, Wichita, Kansas

Company- CITIES SERVICE OIL CO.
Farm- Loewen "A" No. 10

SEC. 18 T. 21 R. 3E
SW NW SE

Total Depth. 2843'
Comm. 1-3-57 Comp. 1-9-57
Shot or Treated.
Contractor. White & Ellis Drlg. Co.
Issued. 6-15-57

County Marion
KANSAS



Elevation. 1461' RTB (5' above G.L.)
Production. 323 B.O./NW 24 hrs.

CASING:
8 5/8" 104' w/80 sx cem.
5½" 2841' w/150 sx cem.

Figures indicate Bottom of Formations.

All Meas. fr RTB

| | |
|---|---|
| soil | 5 |
| clay | 20 |
| shale | 75 |
| lime | 85 |
| shale | 90 |
| lime | 100 |
| lime-shale stks | 690 |
| shale-shells | 800 |
| lime-shale | 890 |
| shale-shells | 1070 |
| sand | 1110 |
| lime-shale stks | 1420 |
| shale-shells | 1540 |
| lime | 1610 |
| lime-shale stks | 1690 |
| sand-sdy shale | 1737 |
| lime-shale | 1831 |
| sand | 1938 |
| shale-lime | 2035 |
| lime | 2166 |
| shale | 2171 |
| lime | 2405 |
| shale-lime | 2601 |
| chert | 2647 |
| lime | 2692 |
| shale | 2839 |
| lime | 2843 |
| Total Depth | |

| | | |
|---|---|---|
| Top Kansas City Ls. | 2154 | |
| Base | 2410 | No oil noted. |
| Top Mississippi chert | 2601 | |
| Th. (chert) | 47 | No oil noted. |
| Th. (lime) | 44 | " " " |
| Base | 2692 | |

No Misener Sd. noted.

| | |
|---|---|
| Top Hunton Ls. | 2840 |
| Pen. | 3' |

2840-41' Low por., S.O.
2841-43' Med. por., F.S.F.O.

Ran Schlumberger
This well was not shot.

| Steel Line Meas.: | S.H.S. | |
|---|---|---|
| 1018* 1018' | 1018' | O.K. |
| 1522-1522' | 1522' | O.K. |
| 2080- 2082' | 2082' | O.K. |

| | | |
|---|---|---|
| Top Douglas Sd. | 1828' | |
| Base | 1940 | no oil noted. |
| Top Lansing Ls. | 2034 | |
| Base | 2150 | No oil noted. |