24-27-18W ✓

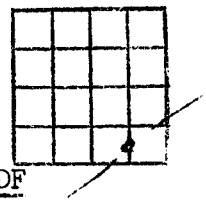
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- LEBEN DRILLING, INC.
Farm- Woods No. 1

SEC. 24 T. 27 R. 18W
C S/2 SE

Total Depth. 5136'
Comm. 11-12-63 Comp. 12-5-63
Shot or Treated.
Contractor. Western Pet. co.
Issued. 2-8-64

County Kiowa
KANSAS



CASING:
8 5/8" 303' cem w/275 sx.

Elevation. 2153' DF

Production. Dry

Figures Indicate Bottom of Formations.

| | |
|---|---|
| sand | 145 |
| shale | 303 |
| shale & redbed | 380 |
| redbed | 482 |
| Anhydrite | 493 |
| redbed | 1235 |
| shale & shells | 2160 |
| lime & shale | 2362 |
| lime | 2742 |
| lime & shale | 3243 |
| lime & shale sand | 3333 |
| lime & shale | 3595 |
| lime | 3818 |
| lime & shale | 3905 |
| lime, chalk & shale | 3997 |
| lime & shale | 4150 |
| lime | 4720 |
| chert Lime | 4760 |
| shale-lime | 4798 |
| lime, sand shale | 4820 |
| shale-sand chert | 4847 |
| lime & chert | 4924 |
| chert-lime | 4978 |
| lime & chert | 5025 |
| lime & shale | 5136 RTD |
| Total Depth | |

TOPS: ELECTRIC

| | |
|---|---|
| Wabaunsee (sample) | 3275 |
| Tarkio Lime (sample) | 3353 |
| Heebner | 3994 |
| Douglas Shale (sample) | 4027 |
| Brown Lime | 4140 |
| Lansing | 4155 |
| Base Kansas City | 4536 |
| Cherokee Shale | 4656 |
| Mississippian | 4707 |
| Kinderhook Shale | 4772 |
| Kinderhook Sand | 4788 |
| Viola | 4855 |
| Simpson | 5010 |
| Arbuckle | 5106 |

5". Op 2½ hrs. By passed tool in 8". Blow intermittent for remainder of test. Rec. 60' slightly wtry.mud. IBHP 1316#/45", FP 100#, FBHP 1120#/15", HH 2690#.

DST #4 4691-4727' Op 3 hrs. GTS 4". 15" guage 627 MCF. End of 3 hrs. gauged 560 MCF. Rec. 420' GCM, 30' GCWM. IBHP 1574#/45", FBHP 1467/45", IFP & FFP 167#.

DST #1 4696-4720' Op 5". Shut in 30". Op 2 Hrs. Final shut in 45". Gas to surface in 4". In 15" Gauged 1,002 MCFG, Diminished to 434 MCFG in 2 hrs. Rec. 75' of rotary mud. IBHP 1290#, FP 0#, FBHP 1060#, HH 2420#.

DST #2 4720-60' 5" Preliminary blow. Op 2 hrs. Gas to surface in 13" Too weak to gauge. Rec. 130' of rotary mud. IBHP 1500#/30", FBHP 1460#/45", FP 0#, HH 2450#.

DST #3 4767-4820' Preliminary opening