KANSAS GEOLOGICAL SOCIETY
508 East Murdock
Wichita, Kansas

SEP 15 1972

30-21-24W
C SW SE

# DRILLERS LOG

## #1 Bieber

CASING RECORD:
514.82' of new 8-5/8" surface casing.

TOTAL DEPTH:
4489'

COMPANY: Okmar Oil Company

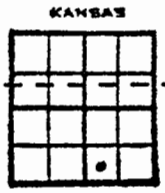
CONTRACTOR: Strata Drilling, Inc.

COMMENCED: June 14, 1971

COMPLETED: June 24, 1971

DESCRIPTION: C/SW SE
Section 30-21S-24W
Hodgeman County, Kansas

Elevation: 2362'KB
IP: P 17 BOPD & 80% Wtr/MISS
GR 36




| FORMATION | FROM | TO |
|---|---|---|
| Clay, Post Rock, Sand | 0 | 367 |
| Shale | 367 | 557 |
| Clay, Shells & Shale | 557 | 705 |
| Shale w/Sand Streaks | 705 | 840 |
| Red Bed, Shale w/Sand Streaks | 840 | 962 |
| Red Bed & Shells | 962 | 981 |
| #1 Anhydrite | 981 | 1062 |
| Red Bed and Shale | 1062 | 1275 |
| Dakota Sand | 1275 | 1515 |
| Red Bed and Shale | 1515 | 1575 |
| Shale | 1575 | 1610 |
| #2 Anhydrite | 1610 | 1875 |
| Shale, & Lime Streaks | 1875 | 2270 |
| Shale & Shells | 2270 | 2428 |
| Shells, Shale & Lime | 2428 | 3073 |
| Lime & Shale | 3073 | 3163 |
| Shale, Lime & Broken Lime | 3163 | 4363 |
| Lime & Shale | 4363 | 4447 |
| Lime | 4447 | 4489 |
| Lime & Chert | | |

ROTARY TOTAL DEPTH: 4489'

REMARKS

Ran 514.82' of new 8-5/8" surface casing; set and cemented at 520.82' with 250 sacks of regular cement, 2% gel and 3% C. C. Plug down at 4:30 A. M. June 15, 1971.

LOG TOPS:

| | | |
|---|---|---|
| *Stone Corral | | 1575 |
| * B " " | | 1610 |
| Heebner | | 3795 |
| Lansing | | 3846 |
| BKC | | 4218 |
| Marmaton | 4244 | |
| Ft Scott | | 4372 |
| Cherokee | | 4397 |
| Mississippi | | 4470 |
| " Dolomite | | 4477 |

* Drillers Tops

5½" casing set and cemented at 4488' with 75 sacks of pozmix, three quarters of one percent CRF2 and 1/8 lb. of nylon. Plug down at 3:40 A. M. June 24, 1971.

STATE OF KANSAS )
) ss.
COUNTY OF BARTON)

I certify that this is a true and correct copy of the above log to the best of my knowledge.

STRATA DRILLING, INC.