

15-163-00184-0000

ANSCHUTZ DRILLING COMPANY, INC.

612-13 Union National Bank Building
WICHITA, KANSAS

WELL LOG

~~XXXXXXXXXX~~

TO: Shepard #1, NW NW NE DXX
24-10-18, Rooks Co., Kans.

Elev. 2111

LEASE

| | | |
|------|------|---------------------|
| 0 | 195 | Surface Clay |
| 195 | 615 | Shale |
| 615 | 1355 | Shale, sand, shells |
| 1355 | 1425 | Shale & shells |
| 1425 | 1465 | Anhydrite |
| 1465 | 1530 | Shale and shells |
| 1530 | 1800 | Shale and shells |
| 1800 | 1950 | Salt |
| 1950 | 2025 | Shale and shells |
| 2025 | 2120 | Shale and shells |
| 2120 | 2210 | Shale and shells |
| 2210 | 2270 | Shale and shells |
| 2270 | 2340 | Lime and shale |
| 2340 | 2405 | Lime and shale |
| 2405 | 2455 | Lime and shale |
| 2455 | 2555 | Lime and shale |
| 2555 | 2650 | Lime and shale |
| 2650 | 2725 | Lime and shale |
| 2725 | 2830 | Lime and shale |
| 2830 | 2940 | Lime and shale |
| 2940 | 3045 | Lime and shale |
| 3045 | 3125 | Lime and shale |
| 3125 | 3175 | Lime and shale |
| 3175 | 3245 | Lime and shale |
| 3245 | 3305 | Lime and shale |
| 3305 | 3350 | Lime and shale |
| 3350 | 3395 | Lime and shale |
| 3395 | 3445 | Lime |
| 3445 | 3465 | Lime |
| 3465 | 3505 | Lime |
| 3505 | 3540 | Lime |
| 3540 | 3580 | Lime |
| 3580 | 3600 | Lime |
| 3600 | 3612 | Conglomerate |
| 3612 | 3635 | Chert |
| 3635 | 3675 | Cherty Conglomerate |
| 3675 | 3705 | Simpson Sand |
| 3705 | 3740 | Arbuckle Lime |
| 3740 | | Rotary Total Depth |

COMMENCED: September 1, 1949
COMPLETED: September 14, 1949

CASING RECORD

Set 7 joints of 8-5/8" seamless casing at 195', cemented with 140 sacks Lone Star cement and 100 pounds Calcium Chloride.

RECEIVED

SEP 19 1949

STATE OF KANSAS)
COUNTY OF SEDGWICK) SS

I hereby affirm that the above and foregoing is a true and correct copy of the log of the Shepard #1 located in the NW NW NE of Sec. 24-10-18, Rooks County, Kansas.

ANSCHUTZ DRILLING COMPANY, INC.

By: Fred B. Anschutz

Subscribed and sworn to before me, a Notary Public, this 17th day of September, 1949.

My commission expires September 12, 1953

Notary Signature

PLUGGING
FILE SEC 24 T 10 R 18
BOOK PAGE 114 LINE 45