

STATE OF KANSAS
STATE CORPORATION COMMISSION

15-009-06656-00-00

WELL PLUGGING RECORD

Locate well correctly on above
Section Plat

Name of Conservation Agent who supervised plugging of this well

Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3379 Feet
Show depth and thickness of all water, oil and gas formations.

Know proper fluid rheology of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from _____ feet to _____ feet for each plug set.

Filled hole with heavy mud to 305'. Set plug with 1/3 sack of hulls and 25 sacks cement. Filled hole with heavy mud to 25 feet. Set plug with 1/3 sack hulls and 5 sacks cement.

(If additional description is necessary, use BACK of this sheet)

STATE OF Kansas, COUNTY OF Barton, ss.
Cecil Olson (employee of owner) or (owner or operator) of the above-described
well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the
above-described well as filed and that the same are true and correct. So help me God.

(Signature) Cecil Olson

Box 123, Great Bend, Kansas

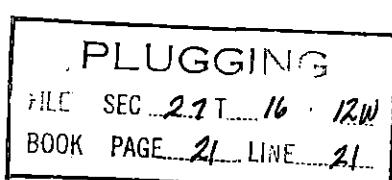
(Address)

SUBSCRIBED AND SWEARN to before me this 17th day of June 1957 (Address)

My commission expires **June 24, 1959**

Clair E. Morrison

Notary Public



WELL LOG

Date Started: 6-5-57
 Date Completed: 6-15-57

Riemann No. 3
 NW SE NW
 Section 27-16-12
 Barton County, Kansas

| | | |
|------------------|-------|---------|
| Elevation | 1902' | K.B. |
| Anhydrite | 787' | (-1115) |
| Heebner | 2984' | (-1082) |
| Brown Lime | 3074' | (-1172) |
| Lansing | 3092' | (-1190) |
| Base Kansas City | 3320' | (-1418) |
| Conglomerate | 3346' | (-1444) |
| Arbuckle | None | --- |
| R.T.D. | 3379' | (-1477) |

8 5/8" set at 315'

| | | |
|-------|---------|----------------------------------|
| 0' | - 20' | Surface Clay |
| 20' | - 25' | P. Rock |
| 25' | - 40' | Surface Clay and P. Rock |
| 40' | - 55' | Shale |
| 55' | - 75' | Sand |
| 75' | - 95' | Shale |
| 95' | - 235' | Shale and Clay |
| 235' | - 245' | Sand |
| 245' | - 283' | Shale and Clay |
| 283' | -- 295' | Sand |
| 295' | - 315' | Shale |
| 315' | - 515' | Blue Shale, Sand and Iron Streak |
| 515' | - 787' | Red Bed |
| 787' | - 804' | Anhydrite |
| 804' | - 1052' | Red Bed and Shale |
| 1052' | - 1140' | Shale |
| 1140' | - 1380' | Shale and Shell |
| 1380' | - 1470' | Salt and Shale |
| 1470' | - 1920' | Lime and Shale |
| 1920' | - 1990' | Broken Lime |
| 1990' | - 2295' | Lime and Shale |
| 2295' | - 2705' | Lime and Shale |
| 2705' | - 2860' | Lime |
| 2860' | - 2984' | Lime |
| 2984' | - 3010' | Heebner |
| 3010' | - 3092' | Lime |
| 3092' | - 3235' | Lansing |
| 3235' | - 3297' | Lime |
| 3297' | - 3379' | Lime |
| 3379' | | R.T.D. |

AFFIDAVIT

State of Kansas County of Barton

I, Cecil M. Olson, employee of the owner, do swear that the statements and matter herein contained are true to the best of my knowledge.

THE DUKE DRILLING COMPANY

BY: C. Olson

Subscribed and sworn before me this 17th day of June, 1957.

RECEIVED
STATE CORPORATION COMMISSION

JUL 17 1957
CONSERVATION DIVISION
Wichita, Kansas

Mr. commission expires: June 24, 1959

| | |
|---------------------------|--|
| PLUGGING | |
| FILE SEC. 21 T. 16 R. 12W | |
| BOOK PAGE 21 LINE 21 | |