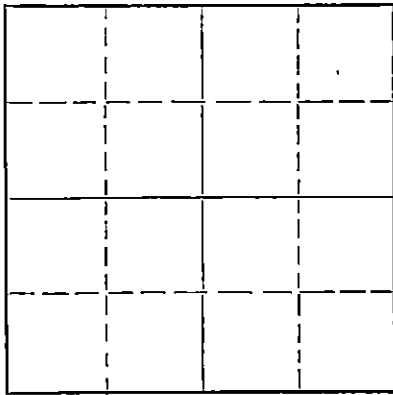


Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
800 Bitting Building
Wichita, Kansas

WELL PLUGGING RECORD

NORTH



Locate well correctly on above
Section Plat

Ellsworth County, Sec. 23 Twp. 17S Rge. W8 9 (W)
Location as "NE/CNW/SW" or footage from lines 440' fr. S, 1320' fr. E, SW/4
Lease Owner Phillips Petroleum Company
Lease Name Groth Well No. 2
Office Address Box 779, Great Bend, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed May 9, 19 36
Application for plugging filed August 8, 19 57
Application for plugging approved August 10, 19 57
Plugging commenced September 9, 19 57
Plugging completed September 11, 19 57
Reason for abandonment of well or producing formation Uneconomical to operate

If a producing well is abandoned, date of last production August 29, 19 57
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Mr. Ruel Durkee
Producing formation Arbuckle Depth to top 3181 Bottom NR Total Depth of Well 3189 Feet
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

| FORMATION | CONTENT | FROM | TO | SIZE | PUT IN | PULLED OUT |
|----------------------------|------------|-------------|-------------|------------|--------------|--------------|
| <u>Lansing-Kansas City</u> | <u>Dry</u> | <u>2978</u> | <u>3160</u> | <u>10"</u> | <u>194'</u> | <u>None</u> |
| <u>Arbuckle</u> | <u>Oil</u> | <u>3181</u> | <u>3189</u> | <u>7"</u> | <u>3196'</u> | <u>1990'</u> |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

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 with sand from 3189' to 3162'. Dumped 6 sx. cement from 3162' to 3131'. Mudded hole from 3131' to 250'. Set rock bridge from 250' to 240'. Dumped 30 sx. cement from 240' to 165'. Mudded hole from 165' to 15'. Set 5' rock bridge to 10' and dumped 5 sx. cement in filling to base of cellar. Well plugged and abandoned 4:00 P.M. 9-11-57.

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

Name of Plugging Contractor West Supply Company
Address Chase, Kansas

STATE OF Kansas, COUNTY OF Barton, ss.
A. J. Willis (employee of owner) ~~XXXXXXXXXXXX~~ 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) [Signature]
Box 779, Great Bend, Kansas
(Address)

SUBSCRIBED AND SWORN to before me this 16th day of September, 19 57

My commission expires November 18, 1957 [Signature] Notary Public.

24-7368-S 3-53-20M

PLUGGING
FILE SEC 27 T. 17 R. 9 W.
BOOK PAGE 34 LINE 32

SEP 17 9-17-1957
CONSERVATION DIVISION

15-053-61586-00-00

Phillips Petroleum Company EXPLORATION RECORD
 Groth No. 2 - SW/4 Sec. 23-17S-9W,
 Ellsworth County, Kansas

COPY

Lease Groth

Well 2

| Formation Name | Top | Base | Remarks |
|--------------------------------|------|------|-----------------|
| Cellar | 0 | 7 | |
| Sand, shale and shells | 7 | 170 | |
| Shale, lime shells | 170 | 993 | |
| Salt | 993 | 1150 | |
| Lime | 1150 | 1195 | |
| Broken Lime, Shale | 1195 | 1275 | |
| Broken Lime | 1275 | 1280 | |
| Lime | 1280 | 1320 | |
| Broken Lime, sandy lime, shale | 1320 | 1425 | |
| Hard Lime | 1425 | 1446 | |
| Broken lime, shale | 1446 | 1481 | |
| Sand | 1481 | 1512 | |
| Lime | 1512 | 1565 | |
| Broken lime | 1565 | 1576 | |
| Lime | 1576 | 1662 | |
| Sandy shale | 1662 | 1680 | |
| Broken lime, shale | 1680 | 1748 | |
| Sandy lime, shale | 1748 | 1845 | |
| Shale, shells | 1845 | 1880 | |
| Sticky shale | 1880 | 1898 | |
| Shale, shells | 1898 | 2080 | |
| Lime | 2080 | 2100 | |
| Shale | 2100 | 2140 | |
| Lime | 2140 | 2165 | |
| Shale, shells | 2165 | 2272 | |
| Shale | 2272 | 2345 | |
| Sticky shale | 2345 | 2379 | |
| Lime | 2379 | 2422 | |
| Lime, shale break | 2422 | 2439 | |
| Hard lime | 2439 | 2467 | |
| Lime, lime shells, shale | 2467 | 2500 | |
| Lime | 2500 | 2728 | |
| Lime, lime shells | 2728 | 2818 | |
| Broken lime | 2818 | 2920 | |
| Lime | 2920 | 2965 | |
| Shale | 2965 | 2978 | |
| Kansas City Lime | 2978 | 3136 | Top LKC 2978 |
| Lime, shale | 3136 | 3170 | Bottom LKC 3160 |
| Green shale | 3170 | 3181 | |
| Siliceous lime | 3181 | 3189 | |

PLUGGING
 FILE SEC. 23 T. 17 S. 9W
 BOOK PAGE 34 LINE 32