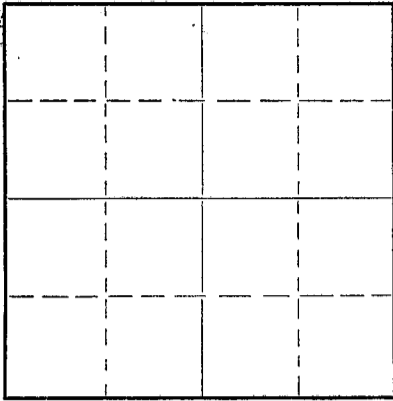


WELL PLUGGING RECORD

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

NORTH



Locate well correctly on above
Section Plat

Graham County, Sec. 5 Twp. 9m Rge. (E) 21(W)
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines C SE SE NE
Lease Owner J. D. Ferrell Drilling Co., Inc. & M. B. Armer
Lease Name Groves Well No. 1
Office Address Box 163, Great Bend, Kansas.
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed Aug. 28 19 49
Application for plugging filed Aug. 29 19 49
Application for plugging approved Aug. 29 19 49
Plugging commenced Aug. 29 19 49
Plugging completed Aug. 29 19 49
Reason for abandonment of well or producing formation

If a producing well is abandoned, date of last production 19
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 Eldon Petty
Producing formation Depth to top Bottom Total Depth of Well 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 |
|-----------|---------|------|----|--------|--------|------------|
| | | | | 8 5/8" | 191' | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

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 w/ heavy mud - set wood plug @ 190'; cemented w/ 15 sax cement; filled to 30' w/ heavy mud; set wood plug; cemented w/ 10 sx cement.

9-1-49

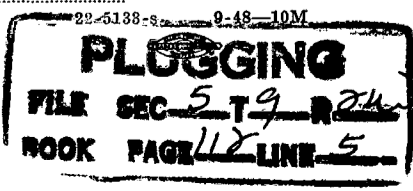
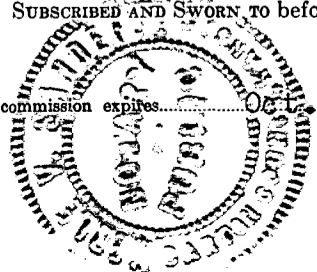
(If additional description is necessary, use BACK of this sheet)

Correspondence regarding this well should be addressed to J. D. Ferrell Drilling Co., Inc.,
Address P.O. Box 163, Great Bend, Kansas.

STATE OF Kansas, COUNTY OF Barton, ss.
J. W. Railsback (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) J. W. Railsback
Box 163, Great Bend, Kans.
(Address)

SUBSCRIBED AND SWORN to before me this 31st day of August, 1949.
My commission expires 15, 1951
Notary Public.



| Date | Endorse Back of Check Only | Amount | Total |
|-----------------------------------|-----------------------------------------|--------|-------------|
| | Plugging Assessment: Groves #1 | | 25.00 |
| <i>Tear Off Before Depositing</i> | <i>J. D. Ferrell Drilling Co., Inc.</i> | No. | 1315 |

15-065-00098-00-00

WELL LOG

J. D. Ferrell Drilling Co., Inc.,
 & M. B. Armer
 GROVES #1

Sec. 5-9S-21W
 C SE/4 SE/4 NE/4
 Graham County, Kans.

Total Depth: 3871'
 Comm: 8-17-49 Comp. 8-28-49
 Contractor: J.D. Ferrell Drilling Co., Inc.
 Issued: 8-31-49 Rotary O-3871'

Elev: 2263 D.F.
 Production: Dry

Casing Record: 8 5/8" - 191' cemented w/125 sax
 bulk cement - circulated

Figures Indicate Bottom of Formations:

| | |
|----------------------|------|
| cellar | 5 |
| sand | 40 |
| sand & shale | 75 |
| shale & shells | 192 |
| shale | 1145 |
| sand | 1210 |
| shale, gyp & shells | 1535 |
| Pyrite, iron & shale | 1595 |
| shale & shells | 1715 |
| red bed | 1784 |
| Anhydrite | 1814 |
| shale | 1875 |
| shale & lime | 2560 |
| lime | 2630 |
| lime & shale | 3070 |
| Bro. lime & shale | 3180 |
| shale & lime | 3356 |
| lime | 3370 |
| lime & shale | 3435 |
| lime | 3666 |
| lime & shale | 3754 |
| shale | 3805 |
| shale & chert | 3823 |
| shale & lime | 3853 |
| cherty lime & shale | 3871 |
| Total Depth | 3871 |

Tops:

| | |
|---------------|------|
| Heebner Shale | 3427 |
| Toronto | 3454 |
| Lansing K.C. | 3469 |
| Base K.C. | 3678 |
| Conglomerate | 3798 |
| Arbuckle | 3839 |
| Total Depth | 3871 |

We hereby certify this to be a correct and accurate log of the
 above described well as shown on the daily Drilling Reports.

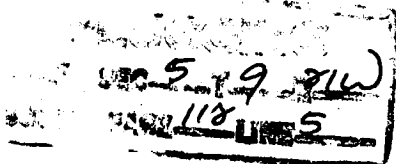
J. D. FERRELL DRILLING CO., INC.,

By: J. W. Railsback
 J. W. Railsback - Sec. Treas.

Subscribed and sworn to before me this 31st day of August, 1949

My Commission Expires:
 Oct. 15, 1951

Merle V. Sandgren
 Notary Public



SEP 1 X 1949

9-1-49