

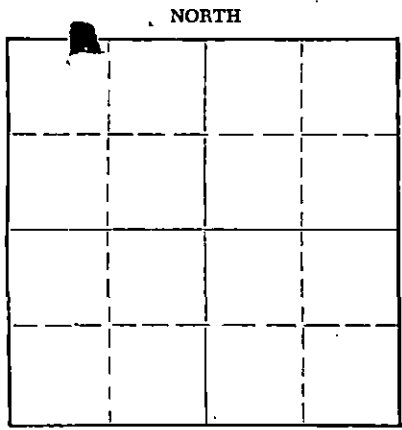
STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

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

Pawnee County, Sec. 1 Twp. 20 Rge. 20 (E) (W)

Location as "NE/CNWKSWK" or footage from lines NW NW NW
Lease Owner National Cooperative Refinery Association
Lease Name Russell Well No. 1
Office Address 305 Rule Building, Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed May 19, 1955
Application for plugging filed May 19, 1955
Application for plugging approved May 20, 1955
Plugging commenced May 26, 1955
Plugging completed June 1, 1955
Reason for abandonment of well or producing formation Was not capable of Commercial Production.
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



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well Warren Horner
Producing formation Depth to top Bottom Total Depth of Well 4639 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" | 464' | None-cemented |
| | | | | 5 1/2" | 4283' | 3782' |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

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.

RTD 4639, 5 1/2" at 4283'. Temperature Survey shows top of cement at 3820. Pulled 3782 of 5 1/2" casing. Plugged back with sand from 4240-4200. Dumped 5 sax of cement to 4160, and mudded hole to 300'. Set 5' rock bridge to 295', dumped sax cement. Mudded hole to 35', set 5' rock bridge. Dumped 10 sax of cement on up to base of cellar. Plugging Contractor-Ace Pipe Pulling Company.

RECEIVED
STATE CORPORATION COMMISSION

6-4-55

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

Name of Plugging Contractor Ace Pipe Pulling Company
Address Box 304 Great Bend, Kansas

STATE OF Kansas, COUNTY OF Sedgwick, ss.
C. R. Sears (employee of owner) or (owner/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) C.R. Sears
305 Rule Building, Wichita, Kansas (Address)

SUBSCRIBED AND SWORN TO before me this 3rd day of June, 1955

My commission expires June 30, 1958.

C. Orville May
Notary Public.

PLUGGING
FILE SEC 1-20 R 20W
BOX PAGE 20 LINE 11

WELL LOG

-----RUSSELL #1

Location: NW NW NW, Section 1-20S-20W,
Pawnee County, Kansas.

OWNER: National Cooperative Refinery Association - Sterling Drilling Company
ROTARY DRILLING CONTRACTOR: Group Exploration Company

COMMENCED: 4-15-55 (w.r.)
COMPLETED: 5-4-55 (w.r.)

TOTAL DEPTH: 4639'

LOG

| | |
|------------|-------------------------|
| 0-60 | Soil & Clay |
| 60-350 | Shale & Shells |
| 350-475 | Shale |
| 475-700 | Shale & Shells |
| 700-835 | Soil & Shale |
| 835-1240 | Shale |
| 1240-1400 | Red Bed |
| 1400-1430 | Anhydrite |
| 1430-1890 | Shale |
| 1890-2086 | Shale & Shells |
| 2086-2220 | Shale & Limestone |
| 2220-2640 | Limestone |
| 2640-2945 | Shale & Limestone |
| 2945-3020 | Limestone |
| 3020-3105 | Limestone & Shale |
| 3105-3250 | Shale |
| 3250-3480 | Limestone & Shale |
| 3480-3675 | Limestone |
| 3675-3755 | Limestone & Shale |
| 3755-41145 | Limestone |
| 41145-4210 | Limestone & Shale |
| 4210-4240 | Sand & Shale |
| 4240-4256 | Shale, Limestone & Sand |
| 4256-4265 | Shale & Sand |
| 4265-4300 | Shale & Limestone |
| 4300-4425 | Mississippian Limestone |
| 4425-4465 | Sand & Shale |
| 4465-4639 | Limestone T.D. |

CASING RECORD

Ran 464' of 8-5/8" casing set with
250 sacks cement.

Set 5-1/2" casing at 4283' with 125
sacks bulk cement.

PLUGGING

ALL SEC 1 20 20W
BOOK PAGE 20 LINE 11