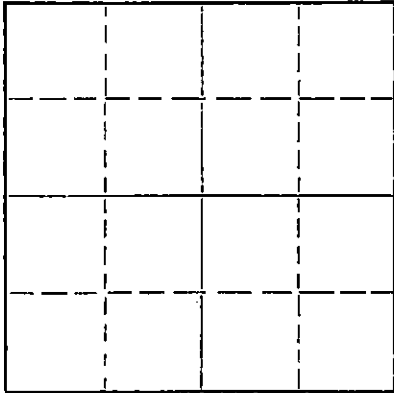


Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
211 No. Broadway
Wichita, Kansas

NORTH



Locate well correctly on above
Section Plat

Barton County, Sec 13 Twp 16 Rge. (E) 12 (W)
Location as "NE/CNW/SW" or footage from lines C WL NE SE
Lease Owner National Cooperative Refinery Association
Lease Name A. Hoffman Well No. 2
Office Address P. O. Box #6, Great Bend, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed May 22, 19 41
Application for plugging filed January 10, 19 67
Application for plugging approved January 11, 19 67
Plugging commenced February 7, 19 67
Plugging completed February 11, 19 67
Reason for abandonment of well or producing formation Depletion

If a producing well is abandoned, date of last production December 12, 19 67
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 Donald Truan
Producing formation Arbuckle Depth to top 3359 Bottom 3366 Total Depth of Well 3366 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 |
|-----------|---------|------|----|--------|--------|------------|
| | | | | 10" | 737' | None |
| | | | | 5 1/2" | 3359' | 1025.79' |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

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.

Mudded hole to 400', set 50' rock bridge to 350'. Dumped 6 yards of Redi-Mix cement on top of bridge on up to base of cellar.

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FEB 20 1967

02-20-67

STATE CORPORATION COMMISSION
WICHITA, KANSAS

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Forbes Casing Pulling, Inc.
Address Box 221, Great Bend, Kansas 67530

STATE OF KANSAS, COUNTY OF BARTON, ss.
Joe Hertel (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) Joe Hertel
Joe Hertel
P. O. Box 6, Great Bend, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 17th day of February, 19 67

My commission expires October 23, 1970

Irene Kelly Marney
Irene Kelly Marney Notary Public.

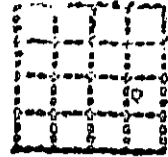
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
477 Union National Bk Bldg., Wichita, Kansas

BLACK & MARSHALL
Hoffman No. 2.

SEC.13 T.16 R.12W
CWL.NE SE

Total Depth. 3366'
Comm. 3-24-41 Comp. 5-22-41
Shot or Treated.
Contractor.
Issued. 7-19-41

County. Barton



CASING:
12 1/2" 322' 5" 3352' Cem.
10 " 737'
8 " 2028' 11" UR 2440'
7 " 3195' 6"

Elevation.

Production. Pot. 1861 B.

Figures Indicate Bottom of Formations.

| | | | |
|----------------|----------------|-----------------------------|------|
| post rock | 10 | limo | 2505 |
| shale | 145 | shale | 2515 |
| sand | 150 | shale & limo | 2565 |
| shale | 210 | shale & shells | 2615 |
| red rock | 220 | shale & lime | 2665 |
| shale brkn | 280 | shale | 2680 |
| sand | 300 | limo | 2815 |
| shale brkn | 322 | shale | 2820 |
| shale | 390 | limo | 2830 |
| sand | 410 | shale | 2835 |
| sand & iron | 445 | lime | 2975 |
| shale | 495 | shale | 2980 |
| shale red | 510 | limo | 2997 |
| red rock | 530 | red rock | 3002 |
| shale red | 575 | shale | 3025 |
| red rock | 655 | shale sdy | 3050 |
| shale red | 730 | shale | 3060 |
| lime | 760 | limo | 3065 |
| shale red | 965 | shale | 3080 |
| shale & shells | 985 | limo | 3143 |
| shale | 1040 | shale | 3147 |
| red rock | 1075 | lime | 3280 |
| shale | 1110 | shale | 3288 |
| shale & shells | 1140 | limo | 3324 |
| shale | 1160 | shale blk | 3327 |
| salt | 1265 | limo | 3332 |
| shale red | 1275 | shale | 3337 |
| salt | 1430 | limo | 3340 |
| salt & shale | 1480 | red rock | 3342 |
| shale & shells | 1615 | limo | 3345 |
| shale brown | 1640 | conglomerate | 3347 |
| shale & shells | 1700 | 3348-3354 | |
| lime | 1725 | limo | 3366 |
| lime brkn | 1845 | Total Depth. | |
| shale | 1855 | | |
| limo | 1875 | Top Conglomerate 3350 Corr. | |
| shale | 1895 | | |
| lime | 1900 | HFW 280-300 | |
| lime brkn | 1920 | 2 1/2 BW 1175 | |
| shale red | 1930 | 1 BW 1830 | |
| lime | 1940 | 1 BW 2025 | |
| shale & shells | 2015 | HFW 2025-30 | |
| lime | 2050 | 2 BW 2765-70 | |
| red rock | 2065 | 4 BW 3030 | |
| lime brkn | 2100 | HFW 3185-90 | |
| shale | 2105 | | |
| shale & shells | 2125 | | |
| lime brkn | 2140 | | |
| red rock | 2150 | | |
| shale & lime | 2155 | | |
| shale & shells | 2180 | | |
| lime brkn | 2230 | | |
| | 2245 | | |
| | & lime | 2300 | |
| | & shells | 2410 | |
| | | 2435 | |
| | | 2440 | |
| | shale & lime | 2465 | |
| | shale & shells | 2495 | |

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Wichita, Kansas