

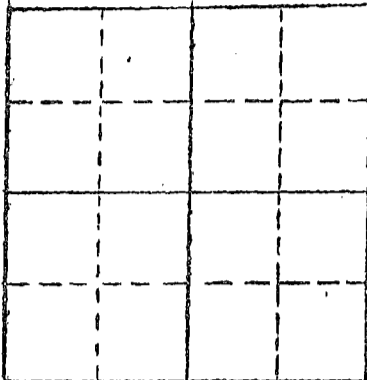
MAY 15 1974

STATE OF KANSAS
STATE CORPORATION COMMISSION

Form CP-1

File All Information Completely
State Required Affidavit
Mail or Delivery Report to
Conservation Division
State Corporation Commission
P. O. Box 17027
Wichita, Kansas 67217

WELL PLUGGING RECORD



Locate well correctly on above
Section Plat

Stafford County, Sec. 11 Twp. 24 Rge. 15 (F) (W)
Location as "NE/CNW/SE/SW" or footage from lines W/2 of W/2 NW/4
Lease Owner Tomlinson Oil Co., Inc.
Lease Name Harkness #1 Well No.
Office Address Wichita, Kansas 67202
Character of Well (completed as Oil, Gas or Dry Hole)
Date well completed 19
Application for plugging filed 19
Application for plugging approved 19
Plugging commenced 5/6/74 19
Plugging completed 5/11/74 19
Reason for abandonment of well or producing formation depleted.

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 Biberstein
Producing formation Depth to top Bottom Total Depth of Well 3100 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 |
|-----------|---------|------|----|--------|--------|------------|
| | | | | 4 1/2" | 3099 | 2168 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

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.

Checked hole, shot pipe at 2273', 2170', pulled 64 joints.
Allied pumped 2' sacks hulls, 10 sacks gel and 100 sacks cement.

PLUGGING COMPLETE.

RECEIVED
STATE CORPORATION COMMISSION

JUN 24 1974
6-24-74
CONSERVATION DIVISION
Wichita, Kansas

Name of Plugging Contractor (If additional description is necessary, use BACK of this sheet)
Address KNIGHT CASING PULLING CO., INC.
CHASE, KANSAS

STATE OF KANSAS COUNTY OF RICE
NOEL J. KNIGHT ss.

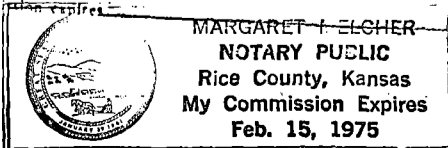
well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) Noel Knight

CHASE, KANSAS

SUBSCRIBED AND SWORN TO before me this 13th day of May 1974

(Signature) Margaret Melcher
Notary Public.



WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

COPY

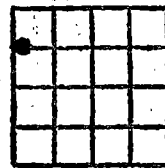
15-185-60011-0000

Company. WILKINSON DRILLING, INC.
Farm. Harkness No. 2

SEC. 11 T. 24 R. 15W
C W/2 W/2 NW

Total Depth. 4170'
Comm. 11-17-60 Comp. 11-29-60
Shot or Treated.
Contractor.
Issued. 5-27-61

County Stafford
KANSAS



CASING:
8 5/8" 228' cem w/185 sx.
4" 4169'

Elevation. 2031' KB

Production. 150 BOPD

Figures Indicate Bottom of Formations.

| | |
|----------------------------|----------|
| shale & shells | 230 |
| red beds & shale | 491 |
| shale, shells & red beds | 940 |
| Anhydrite | 960 |
| shale & shells | 1300 |
| shale & lime | 1910 |
| lime & shale | 3482 |
| Heebner shale | 3490 |
| lime | 3494 |
| shale | 3504 |
| lime & shale | 3522 |
| shale & silt | 3620 |
| lime & shale streaks | 3926 |
| vari colored shale & chert | 3986 |
| chert | 4016 |
| shale | 4026 |
| sand | 4032 |
| shale | 4043 |
| sand & shale | 4052 |
| Arbuckle | 4170 RTD |
| Total Depth | |

TOPS: SCOUT

| | |
|------------|------|
| Anhydrite | 940 |
| Heebner | 3482 |
| Toronto | 3503 |
| Douglas | 3522 |
| Brown Lime | 3620 |
| Lansing | 3629 |
| Viola | 3987 |
| Arbuckle | 4053 |

RECEIVED
STATE CORPORATION COMMISSION
MAR 19 1974
CONSERVATION DIVISION
Wichita, Kansas

HELLAR DRILLING CO., INC. #1 "OWWO" 11-24-15W
WICHITA, KANSAS HARKNESS W/2 W/2 NW
CONTR. CO. TOOLS CTY. STAFFORD

GEOL. FIELD MACKSVILLE
E. 2031 RB. CM 9/12/71 CARD ISSUED 1/20/72 IP GA 6,100,000 CFGPD
HOWARD 3023-27 & 3063-65

| SMP | TOPS | DEPTH | DATUM | OLD INFO: |
|----------|------|-------|-------|---|
| OLD TOPS | | | | WAS WILKINSON DRLG. #2 HARKNESS, COMP |
| ANHY | 940 | +1091 | | 3/10/61, IP 150 BOPD, 8" 288; 4" 4169 |
| HEEB | 3482 | -1451 | | DST(1) 4687-3708/30", G/5", 200' GCM, BHP 1060-1060#, FP NA |
| TOR | 3503 | -1472 | | DST(2) 3986-4012/1', 30" V SL OCM, BHP 0#, FP NA |
| DOUG | 3522 | -1491 | | DST(3) 4059-75/1', G/1", GA 680,000 CFGPD, BHP 1350-670#, FP NA |
| BN LM | 3620 | -1589 | | |
| LANS | 3629 | -1598 | | DST(4) 4075-4110/30", G/1", GA 1,540 MCFGPD, 90' GCM, BHP 1470-1220# |
| VIOLA | 3987 | -1956 | | |
| ARB | 4053 | -2022 | | DST(5) 4110-50/20", G/1", STAB 5 MIL CFG, SPRAY M/18", SPRAY 0/19", 80' FR OIL, BHP 1500-1480#, FP NA |
| TD | 4170 | -2139 | | |
| NEW TOPS | | | | DST(6) 4150-70/1', 2260' GCSW, BHP 1340-1340#, FP NA |
| LOG | | | | MICT, PF 4125-29, G/IMM, LT SPY OIL, FLO 1 BOPH, |
| HOWARD | 3018 | -987 | | 650,000 CFG, ACID 350, GA 3 MIL CFG, FLO 25 BOPH, |
| LTD | 3069 | -1038 | | PLUG 3862, PF 3794-98, ACID 300 FLO 30 BOPH, AV 25 BOPH, PF 3701-05, G/IMM, FLO 25 BOPH/6HRS |