

# State Geological Survey KANSAS DRILLERS LOG

API No. 15 — 007 — 20,263  
County Number

Operator

National Oil Company - Kewanee Oil Company

Address

200 West Douglas, Suite 550, Wichita, Kansas 67202

Well No.

#1

Lease Name

Mills

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

B & B Drilling

Geologist

George Mueller

Spud Date

3-15-74

Total Depth

4540

P.B.T.D.

Date Completed

3-27-74

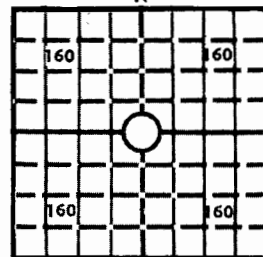
Oil Purchaser

S. 5 T. 31 R. 14 E. W

Loc. C SW SE

County Barber

640 Acres  
N



Locate well correctly

Elev.: Gr. 1658

DF KB 1663

## CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

| Purpose of string | Size hole drilled | Size casing set (in O.D.) | Weight lbs/ft. | Setting depth | Type cement | Sacks | Type and percent additives |
|-------------------|-------------------|---------------------------|----------------|---------------|-------------|-------|----------------------------|
|                   |                   | 13"                       | 5 jts          | 102'          | common      | 125   | 3% cc<br>2% gel            |
|                   | 12 1/4"           | 9-5/8"                    | 3 jts          |               |             |       |                            |
|                   |                   | 8-5/8"                    | 30 jts         | 782'          | common      | 440   |                            |
|                   |                   |                           |                |               |             |       |                            |
|                   |                   |                           |                |               |             |       |                            |

## LINER RECORD

| Top, ft. | Bottom, ft. | Sacks cement |
|----------|-------------|--------------|
|----------|-------------|--------------|

## PERFORATION RECORD

| Shots per ft. | Size & type | Depth interval |
|---------------|-------------|----------------|
|---------------|-------------|----------------|

## TUBING RECORD

| Size | Setting depth | Packer set at |
|------|---------------|---------------|
|------|---------------|---------------|

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
|                                  |                        |
|                                  |                        |
|                                  |                        |

## INITIAL PRODUCTION

Date of first production

Producing method (flowing, pumping, gas lift, etc.)

RATE OF PRODUCTION  
PER 24 HOURS

Oil

bbls.

Gas

MCF

Water

bbls.

Gas-oil ratio

CFPB

Disposition of gas (vented, used on lease or sold)

Producing interval (s)

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator

DESIGNATE TYPE OF COMP.: OIL, GAS,  
DRY HOLE, SWDW, ETC.:

National Oil Company - Kewanee Oil Company

Dry Hole

Well No.

Lease Name

#1

Mills

S 5 T 31 S R 14 E W

C SW SE

## WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN,  
OR OTHER DESCRIPTIVE INFORMATION.

| FORMATION DESCRIPTION, CONTENTS, ETC.                                                                                                                | TOP | BOTTOM | NAME              | DEPTH      |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------|-------------------|------------|
| DST #1, 2122-2216' 30-30-30-30; Wk steady blow;<br>Rec. 220' SW; IFP 74; FFP 177; ISIP 883;<br>FSIP 856.                                             |     |        | Electric Log Tops |            |
| DST #2, (straddle test) 1976-2021; 30-30-30-30;<br>Fr blow throughout; Rec. 160' Sgsy SW;<br>IFP 46; FFP 112; ISIP 745; FSIP 690.                    |     |        | Winfield          | 2030 -367  |
|                                                                                                                                                      |     |        | Ft. Riley         | 2145 -482  |
|                                                                                                                                                      |     |        | Council Grove     | 2308 -645  |
|                                                                                                                                                      |     |        | Indian Cave       | 2734 -1071 |
|                                                                                                                                                      |     |        | Wabaunsee         | 2785 -1122 |
| DST #3, 3020-3046; 30-30-30-30; Gd blow; Rec.<br>600' GIP; 90' GCM w/slight show of oil;<br>IFP 37; FFP 56; ISIP 205; FSIP 168                       |     |        | Tarkio            | 2916 -1253 |
|                                                                                                                                                      |     |        | Heebner           | 3607 -1944 |
| DST #4, 3766-3790; 30-30-45-60; Fr blow throughout;<br>Rec. 130' mdy SW w/ slight show of oil;<br>120' SW; IFP 18; FFP 168; ISIP 1381;<br>FSIP 1381. |     |        | Up Doug Sd        | 3678 -2015 |
|                                                                                                                                                      |     |        | Lr Doug Sd        | 3768 -2105 |
|                                                                                                                                                      |     |        | Lansing           | 3790 -2127 |
|                                                                                                                                                      |     |        | B/KC              | 4223 -2560 |
|                                                                                                                                                      |     |        | Miss              | 4279 -2616 |
| DST #5, 4314-4330; 30-30-45-60; Wk stdy blow; Rec.<br>180' GIP; 30' thin mud; IFP 18; FFP 18;<br>ISIP 514; FSIP 224.                                 |     |        | Miss Chert        | 4320 -2657 |
|                                                                                                                                                      |     |        | Viola             | 4370 -2707 |
|                                                                                                                                                      |     |        | Simp Sh           | 4504 -2841 |
|                                                                                                                                                      |     |        | Simp Sd           | 4509 -2846 |
|                                                                                                                                                      |     |        | LTD               | 4540 -2877 |
|                                                                                                                                                      |     |        | RTD               | 4540 -2877 |



USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

Arden Ratzlaff

Signature

Kansas Exploration Manager

Title

Date