State Geological Survey
WICHITA BRANCH

# KANSAS DRILLERS LOG

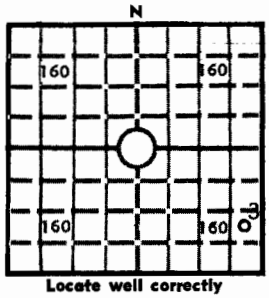
S. 15 T. 8 R. 14 W

API No. 15 — 141 (County) — 20,031 (Number)

Loc. NE SE SE

County Osborne

640 Acres




Locate well correctly

Elev.: Gr. 1898'

DF 1900' KB 1903'

Operator
Petroleum Management, Inc.

Address
400 N. Woodlawn, Suite 201, Wichita, Kansas

| Well No. | Lease Name |
|---|---|
| #3 | Bales |

Footage Location
910 feet from (S) line 430 feet from (E) line

| Principal Contractor | Geologist |
|---|---|
| Red Tiger Drilling Company | William H. Petersen |

| Spud Date | Total Depth | P.B.T.D. |
|---|---|---|
| October 7, 1976 | 2861' | |

| Date Completed | Oil Purchaser |
|---|---|
| October 15, 1976 | ---------- |

## 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 |
|---|---|---|---|---|---|---|---|
| Surface Casing | 12¼" | 8 5/8" | 24# | 220' | Common | 160 | 2% Gel. 3% C.C. |
| Production Casing | 7 7/8" | 4½" | 9.5# | 2861' | S.S. Pozmix | 150 | ---------- |
| | | | | | | | |
| | | | | | | | |

## LINER RECORD

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

## TUBING RECORD

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

## PERFORATION RECORD

| Shots per ft. | Size & type | Depth interval |
|---|---|---|
| 2 | | 2628-38' |
| 2 | | 2809-13' |
| 2 | | 2838-42' |

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|---|---|
| 250 Gal. MCA w/iodine, 1000 Gal. 7½% Non E acid, 200 Gal. zylene & 500 Gal. diesel fuel. Frac w/2000# 20/40 sand & 2000 Gal. oil. | 2628-38' |
| 2000 Gal. MOD 202---------- | 2809-13' |
| 2000 Gal. MOD 202---------- | 2838-42' |

## INITIAL PRODUCTION

| Date of first production | Producing method (flowing, pumping, gas lift, etc.) |
|---|---|
| | |

| RATE OF PRODUCTION PER 24 HOURS | Oil | Gas | Water | Gas-oil ratio |
|---|---|---|---|---|
| | bbls. | MCF | bbls. | 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.

Ran GRN/MSG Logs 11-2-76

C-10-1972

| Operator | DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: |
|---|---|
| PETROLEUM MANAGEMENT, INC. | |
| **Well No.** #3 / **Lease Name** BALES | Dry Hole |
| S 15 T 8 R 14 ½ W | |

## 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 |
|---|---|---|
| Rock - Shale | 0 | 225 |
| Shale & Sand | 225 | 750 |
| Shale, Red Bed | 750 | 1099 |
| Anhydrite | 1099 | 1140 |
| Shale | 1140 | 1855 |
| Shale & Lime | 1855 | 2042 |
| Lime | 2042 | 2145 |
| Lime, Shale | 2145 | 2230 |
| Lime | 2230 | 2470 |
| Shale | 2470 | 2535 |
| Lime | 2535 | 2861 |
| RTD | | 2861 |

| NAME | DEPTH | |
|---|---|---|
| Anhydrite | 1100 | + 803 |
| Base Anhydrite | 1130 | + 773 |
| Wabaunsee | 2502 | - 599 |
| Stotler | 2596 | - 693 |
| Tarkio Zone | 2623 | - 720 |
| Tarkio | 2646 | - 743 |
| Howard | 2724 | - 821 |
| Topeka | 2803 | - 900 |
| Deer Creek | 2859 | - 956 |
| RTD | 2861 | - 958 |

Ran GRN/MSG Logs

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

Date Received

Dale Silcott
Signature

Vice President
Title

2/2/77
Date