

15-167-20965

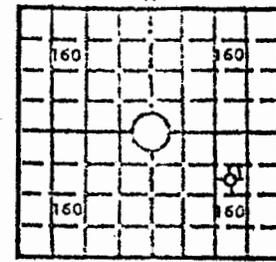
**KANSAS DRILLERS LOG**

S. 32 T. 13 R. 14 <sup>R</sup>/<sub>W</sub>

Loc. SW NE SE

County Russell

640 Acres  
N



Locate well correctly

Elev.: Gr. 1858'

DF 1860' KB 1863'

API No. 15 — 167 — 20,965  
County Number

Operator  
Petroleum Management, Inc.

Address  
Suite 201, 400 N. Woodlawn, Wichita, Kansas 67208

Well No. #1 Lease Name Dumler

Footage Location  
990 feet from (N) (S) line 990 feet from (E) (W) line

Principal Contractor Red Tiger Drilling Co. Geologist William H. Petersen

Spud Date October 21, 1976 Total Depth 3316' P.B.T.D.

Date Completed November 5, 1976 Oil Purchaser

**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     | Socks | Type and percent additives |
|-------------------|-------------------|---------------------------|----------------|---------------|-----------------|-------|----------------------------|
| Surface Casing    | 12 1/4"           | 8 5/8"                    | 24#            | 224'          | Common          | 140   | 2% Gel, 3% CC              |
| Prod. Casing      | 7 7/8"            | 4 1/2"                    | 10.5#          | 3314'         | Oil Sat. Pozmix | 50    | -----                      |
|                   |                   |                           |                |               |                 |       |                            |
|                   |                   |                           |                |               |                 |       |                            |

**LINER RECORD**

**PERFORATION RECORD**

| Top, ft.      | Bottom, ft.   | Sacks cement  | Shots per ft. | Size & type | Depth interval |
|---------------|---------------|---------------|---------------|-------------|----------------|
| TUBING RECORD |               |               | -----         | -----       | Open Hole      |
| Size          | Setting depth | Packer set at |               |             |                |

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
| 50 Gal MOD Acid                  | Open Hole              |
| 250 Gal. MOD Acid                |                        |
|                                  |                        |

**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 | CFPB |
|  | bbls. | MCF   | bbls.                 |               |      |
| 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.

32-13-14W

|               |                      |          |
|---------------|----------------------|----------|
| Well No.<br>1 | Lease Name<br>Dumler | Dry Hole |
|---------------|----------------------|----------|

S 32 T 13 R 14 <sup>EX</sup> W

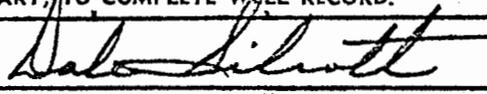
**WELL LOG**

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 | NAME           | DEPTH      |
|---------------------------------------|------|--------|----------------|------------|
| Rathole                               | 0    | 157    | Anhydrite      | 913 + 950  |
| Shale                                 | 157  | 303    | Base Anhydrite | 939 + 924  |
| Sand                                  | 303  | 392    | Shawnee        | 2755 - 892 |
| Hard Sand                             | 392  | 420    | Heebner        | 2984 -1121 |
| Sand & Shale                          | 420  | 593    | Toronto        | 3002 -1139 |
| Red Bed                               | 593  | 913    | Lansing-KC     | 3037 -1174 |
| Anhydrite                             | 913  | 940    | Base KC        | 3286 -1423 |
| Shale                                 | 940  | 1520   | Arbuckle       | 3313 -1450 |
| Shale & Lime                          | 1520 | 1630   | RTD            | 3316 -1453 |
| Lime & Shale                          | 1630 | 2728   |                |            |
| Lime                                  | 2728 | 3316   |                |            |
| RTD                                   |      | 3316   |                |            |

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

|               |  |
|---------------|--|
| Date Received |  |
|               | Signature  |
|               | Vice President   |
|               | Title  |
|               | 1/19/77  |
|               | Date   |

DRILLERS LOG

No. 1 Dumlcr

CASING RECORD:

COMPANY: Petroleum Management, Inc.

DESCRIPTION:

8 5/8" @ 224'  
w/ 1 dg. jt.  
& 140 sx cmt.

CONTRACTOR: Red Tiger Drilling Company

SW NE SE  
Sec. 32-T13S-R14W  
Russell County, Kansas

4 1/2" @ 3314'  
w/50 sx cmt.

COMMENCED: October 28, 1976

COMPLETED: November 5, 1976

TOTAL DEPTH: 3,316'

ELEVATION: 1,863' KB

FORMATION

FROM

TO

REMARKS

|              |      |      |  |
|--------------|------|------|--|
| Rathole      | 0    | 157  |  |
| Shale        | 157  | 303  |  |
| Sand         | 303  | 392  |  |
| Hard Sand    | 392  | 420  |  |
| Sand Shale   | 420  | 593  |  |
| Red Bed      | 593  | 913  |  |
| Anhydrite    | 913  | 940  |  |
| Shale        | 940  | 1520 |  |
| Shale & Lime | 1520 | 1630 |  |
| Lime & Shale | 1630 | 2728 |  |
| Lime         | 2728 | 3316 |  |
| RTD          |      | 3316 |  |

I certify that this is a true and correct copy of the above log to the best of my knowledge.

RED TIGER DRILLING COMPANY

Gloria Fawcett  
Gloria Fawcett

Subscribed and sworn to before me this 9th day of November, 1976.

Joyce A. Hagermann  
Notary Public

