

## KANSAS DRILLERS LOG

IMPORTANT  
Kans. Geo. Survey request  
samples on this well.

API No. 15 — 083 — 20,379  
County Number

Operator

Mack Oil Company

Address 812 Union Center Wichita, Kansas

Well No.

#1

Lease Name

Norris

Footage Location

660 feet from (N) line

660 feet from (E) line of NW/4

Principal Contractor

Rains &amp; Williamson

Geologist

Tom Satter

Spud Date

2-2-75

Total Depth

4400'

P.B.T.D.

Date Completed

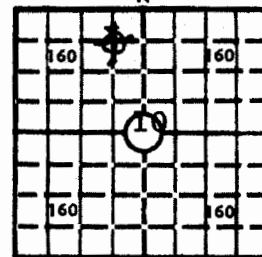
2-20-75

Oil Purchaser

10-22s-21w  
API 15-083-20379  
S. 10 T. 22 R. 21 W

Loc. C NE NW

County Hodgeman

640 Acres  
N

Locate well correctly

Elev.: Gr. 2128'

DF 2134' KB 2136'

## 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 pipe      | 12 1/4"           | 8 5/8"                    |                | 370'          | common      | 250   | 2% Gel, 3% CC              |
|                   |                   |                           |                |               |             |       |                            |
|                   |                   |                           |                |               |             |       |                            |
|                   |                   |                           |                |               |             |       |                            |

## LINER RECORD

## PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
|          |             |              |               |             |                |
|          |             |              |               |             |                |
|          |             |              |               |             |                |

## TUBING RECORD

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

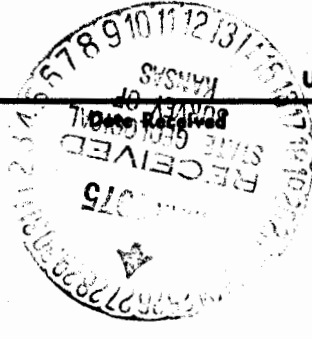
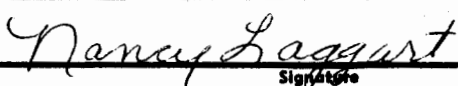
## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| 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<br>PER 24 HOURS                      |  | Oil<br><br>bbbls.                                   | Gas<br><br>MCF | Water<br><br>bbbls.    | Gas-oil ratio<br><br>CFPB |
| Disposition of gas (vented, used on lease or sold)<br>Y |  |                                                     |                | 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.

|                                                                                                                                                                                                                                               |                             |                                                                                                                                                                                                             |                                                                                           |                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Operator</b><br>MACK OIL CO.                                                                                                                                                                                                               |                             | <b>DESIGNATE TYPE OF COMP.</b><br>DRY HOLE, SWDW, ETC.:<br><b>DRY HOLE</b>                                                                                                                                  |                                                                                           |                                                                                                                              |
| <b>Well No.</b><br>1                                                                                                                                                                                                                          | <b>Lease Name</b><br>Norris |                                                                                                                                                                                                             |                                                                                           |                                                                                                                              |
| <b>S10 T 22S R 21W E W</b>                                                                                                                                                                                                                    |                             |                                                                                                                                                                                                             |                                                                                           |                                                                                                                              |
| <b>WELL LOG</b><br>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.        |                             |                                                                                                                                                                                                             | <b>SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.</b>               |                                                                                                                              |
| <b>FORMATION DESCRIPTION, CONTENTS, ETC.</b>                                                                                                                                                                                                  | <b>TOP</b>                  | <b>BOTTOM</b>                                                                                                                                                                                               | <b>NAME</b>                                                                               | <b>DEPTH</b>                                                                                                                 |
| Surface<br>Shale & Redbed<br>Shale<br>Dakota<br>Shale<br>Anhydrite<br>Shale<br>Shale & Lime<br>Lime & Shale<br>Lime<br>Lime & Shale<br>Lime<br><br>DST #1 4335-71 30"-30"-30"-30"<br>Rec. 400' Mdy Water<br>BHP's 1094-999#      FP's 52-187# |                             | 433<br>684<br>725<br>867<br>1280<br>1307<br>2117<br>2272<br>3840<br>3860<br>4100<br>4400<br>RTD                                                                                                             | L-GR-N<br><br>Anhydrite<br>Heebner<br>Lansing<br>Pawnee<br>Ft. Scott<br>Cherokee<br>Miss. | 0' -4399'<br><br>1278 (+ 858)<br>3702 (-1566)<br>3764 (-1628)<br>4250 (-2114)<br>4286 (-150)<br>4311 (-2175)<br>4362 (-2226) |
| USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.                                                                                                                                                                                 |                             |                                                                                                                                                                                                             |                                                                                           |                                                                                                                              |
|                                                                                                                                                            |                             | <div style="text-align: center;"> <br/> _____<br/> <b>Secretary</b><br/> _____<br/> 2-28-75<br/> _____<br/> Date </div> |                                                                                           |                                                                                                                              |