State Geological Survey
WICHITA, BRANCH

17-35-42W

# KANSAS DRILLERS LOG

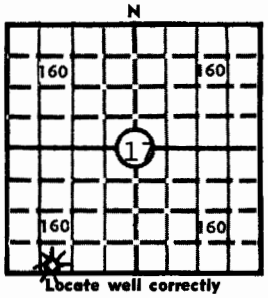
S. 17 T. 35 R. 42 E/W

API No. 15 — 129 (County) — 20,128 (Number)

Loc. 1315 FWL 1250 N of Oklahoma-Kansas State Line

County Morton

640 Acres




Operator: Graham-Michaelis Corporation

Address: Box 247, Wichita, Kansas

Well No.: 2-17

Lease Name: Mc Clanahan

Footage Location: 1250 feet from (N) OF Ok-Ks Line 1315 feet from (W) line Sec. 17

Principal Contractor: Murfin Drilling Co.

Geologist: Dick Roby

Spud Date: Dec. 8, 1973

Total Depth: 3120'

P.B.T.D.:

Date Completed: January 28, 1974

Oil Purchaser:

Elev.: Gr. 3613'

DF: KB 3623'

## 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 |
|---|---|---|---|---|---|---|---|
| To protect shallow water zones | | 8 5/8" | | 1430' | Light Wt. Common | 500 200 | 2% cc 3% cc |
| For Production | | 4 1/2" | | 3119' | Halliburton Light Weight | 500 | ½ of 1% CFR2 & ¼# Floseal & |
| | | | | | " " | 150 | ½ of 1% CFR2 |

## LINER RECORD

| Top, ft. | Bottom, ft. | Sacks cement |
|---|---|---|
| NONE | | |

## TUBING RECORD

| Size | Setting depth | Packer set at |
|---|---|---|
| 1½" | 2998.65' | None |

## PERFORATION RECORD

| Shots per ft. | Size & type | Depth interval |
|---|---|---|
| 4 | | 2940-2942; 2970-72 2984-2994; 3070-3074; 3009-11 |

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|---|---|
| 500 gals mud acid then 2,000 gals acid | 3070-3074' |
| 1,000 gals acid then 3,000 gals 28% acid, 3,000 gals water. (treated water) | set plug and perf. 2940-2942; 2970-2972; 2984-2994; 3009-3011 removed plug. |

## INITIAL PRODUCTION

Date of first production: Waiting on P. L. connection

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

| RATE OF PRODUCTION PER 24 HOURS | Oil | Gas | Water | Gas-oil ratio |
|---|---|---|---|---|
| | none bbls. | 500 MCF | bbls. | CFPB |

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

Producing interval(s): 2940-42; 2970-72; 2984-94; 3070-74; 3009-11.

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.

C-10-1972

| Operator | | DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: |
|---|---|---|
| GRAHAM-MICHAELIS CORPORATION | | GAS WELL |
| Well No. 2-17 | Lease Name MC CLANAHAN | |
| S 17 T 35S R 42 E/W | 1315' FWL & 1250' North Ok-Ks State Line | Morton County, Kansas |

## 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 |
|---|---|---|---|---|
| Surface Clay | 0 | 195 | Dresser Atlas Gamma Ray Neutron | |
| Sand & Shale | 195 | 320 | 1320-3120' | |
| Sand, Red Bed & Lime | 320 | 335 | | |
| Red Bed & Shale | 335 | 510 | No drill stem tests | |
| Shale & Shells | 510 | 770 | No cores | |
| Shale & Lime | 770 | 810 | | |
| Shale, Lime, Sand | 810 | 1,025 | | |
| Shale | 1,025 | 1,265 | | |
| Redbed & Shells | 1,265 | 1,397 | | |
| Shale "gray" | 1,397 | 1,406 | | |
| Anhydrite | 1,406 | 1,433 | | |
| Anhydrite | 1,433 | 1,451 | | |
| Shale | 1,451 | 1,660 | | |
| Gypstone & Red Shale | 1,660 | 1,955 | | |
| Shale | 1,955 | 2,470 | | |
| Lime & Shale | 2,470 | 3,120 | R.T.D. | |

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

Date Received

RECEIVED
STATE CORPORATION COMMISSION
FEB 1974
CONSERVATION DIVISION
Wichita, Kansas

Muriel F. C. Jeram
Signature

Geological Secretary
Title

February 12, 1974
Date