

KANSAS

State Geological Survey

WICHITA BRANCH

WELL COMPLETION REPORT AND  
DRILLER'S LOG

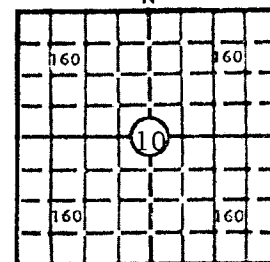
CONFIDENTIAL

API No. 15 — 141 — 20,099  
County Number

S. 10 T. 9S R. 15W Ex W

Loc. C NE NE SW

County Osborne

640 Acres  
N

Elev.: Gr. 2002

DF KB 2007

|                                                            |                |                          |          |
|------------------------------------------------------------|----------------|--------------------------|----------|
| Operator                                                   |                |                          |          |
| Graham-Michaelis Corporation                               |                |                          |          |
| Address                                                    |                |                          |          |
| P. O. Box 247, Wichita, Kansas 67201                       |                |                          |          |
| Well No.                                                   | Lease Name     |                          |          |
| 1-10                                                       | Finnesy        |                          |          |
| Footage Location                                           |                |                          |          |
| 330 feet from (N) 33X line 330 feet from (E) 33X line SW/4 |                |                          |          |
| Principal Contractor                                       |                |                          |          |
| Abercrombie Drilling                                       |                |                          |          |
| Geologist                                                  |                |                          |          |
| Larry Bookless                                             |                |                          |          |
| Spud Date                                                  | Date Completed | Total Depth              | P.B.T.D. |
| 6-3-81                                                     | 6-10-81        | 3700                     |          |
| Directional Deviation                                      |                | Oil and/or Gas Purchaser |          |
|                                                            |                | Dry Hole                 |          |

## 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 fresh water | 12-1/4"           | 8-5/8"                    | 24#            | 277'          | common      | 125   | 2% gel, 3% c.c.            |
|                        |                   |                           |                |               |             |       |                            |
|                        |                   |                           |                |               |             |       |                            |
|                        |                   |                           |                |               |             |       |                            |

## LINER RECORD

## PERFORATION RECORD

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

| Size | Setting depth | Packer set at |  |  |  |
|------|---------------|---------------|--|--|--|
| None |               |               |  |  |  |

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
| None                             |                        |
|                                  |                        |
|                                  |                        |
|                                  |                        |

**RELEASED**  
Date: MAY 28 1982  
FROM CONFIDENTIAL

## 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 |      |
|                                                    | DRY | 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, 245 No. Water, Wichita, Kansas 67202. 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.

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

Operator

Graham-Michaelis Corporation

10-9-15W  
DESIGNATE TYPE OF COMP.: OIL, GAS,  
DRY HOLE, SWDW, ETC.:

DRY HOLE

Well No.

Lease Name

**RELEASED**

Date:

3 1982

FROM CONFIDENTIAL

S 10 T 9S R15W Rxx  
W**WELL LOG**

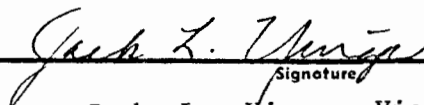
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

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

| FORMATION DESCRIPTION, CONTENTS, ETC.                                                                                               | TOP  | BOTTOM | NAME          | DEPTH        |
|-------------------------------------------------------------------------------------------------------------------------------------|------|--------|---------------|--------------|
| Clay and Sand                                                                                                                       | 0    | 150    | Heebner Shale | 3169 (-1162) |
| Sand and Shale                                                                                                                      | 150  | 279    | Lansing       | 3217 (-1210) |
| Shale                                                                                                                               | 279  | 420    |               |              |
| Shale and Sand                                                                                                                      | 420  | 1247   | Base K.C.     | 3487 (-1480) |
| Anhydrite                                                                                                                           | 1247 | 1283   |               |              |
| Shale                                                                                                                               | 1283 | 1780   | Conglomerate  | 3617 (-1610) |
| Shale & Lime                                                                                                                        | 1780 | 2205   |               |              |
| Lime & Shale                                                                                                                        | 2205 | 2299   | R.T.D.        | 3700 (-1693) |
| Shale & Lime                                                                                                                        | 2299 | 2535   |               |              |
| Lime & Shale                                                                                                                        | 2535 | 2770   |               |              |
| Shale & Lime                                                                                                                        | 2770 | 2985   | Ran Petro-Log | Radiation    |
| Lime & Shale                                                                                                                        | 2985 | 3168   | Guard Log.    |              |
| Lime                                                                                                                                | 3168 | 3598   |               |              |
| Lime & Conglomerate                                                                                                                 | 3598 | 3700   |               |              |
| Rotary Total Depth                                                                                                                  | 3700 |        |               |              |
| DST #1 2950-2985/60" - Recovered 15' mud with oil spots. IFP 19-19#/30",<br>ISIP 791#/45"; FSIP 128#/45".                           |      |        |               |              |
| DST #2 3236-3295/60" - Recovered 90' mud with few oil spots. IFP 59-59#/30",<br>ISIP 386#/45"; FSIP 327#/45".                       |      |        |               |              |
| Well was plugged on June 10, 1981. Re-entered on August 19, 1981, ran 2 drill stem<br>tests. Plugged and abandoned August 24, 1981. |      |        |               |              |
| DST #3 3394-3475/30-60-90-120" - Recovered 10' mud. IFP 74-84#/30"; FFP 84-95#/90";<br>ISIP 1122#/60"; FSIP 1101#/120".             |      |        |               |              |
| DST #4 3288-3389/ - Recovered 105' mud with no show of oil. IFP 84-105/30",<br>FFP 105-147#/90"; ISIP 941#/60"; FSIP 892#/60".      |      |        |               |              |
| Plugged and abandoned August 24, 1981                                                                                               |      |        |               |              |

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

Date Received



Signature

Jack L. Yinger, Vice President

Title

November 17, 1981

Date

10-9-15W

OPERATOR:  
CONTRACTOR:  
WELL NAME:  
LOCATION:

Graham-Michaelis Corp.  
Abercrombie Drilling, Inc.  
FINNESY #1-10  
C NE NE SW, Section 10-9S-15W  
Osborne County, Kansas

SPUD DATE:  
COMPLETION DATE:

6-03-81  
6-10-81

|      |      |                     |
|------|------|---------------------|
| 0    | 150  | Clay & Sand         |
| 50   | 279  | Sand & Shale        |
| 279  | 420  | Shale               |
| 420  | 1247 | Shale & Sand        |
| 1247 | 1283 | Anhydrite           |
| 1283 | 1780 | Shale               |
| 1780 | 2205 | Shale & Lime        |
| 2205 | 2299 | Lime & Shale        |
| 2299 | 2535 | Shale & Lime        |
| 2535 | 2770 | Lime & Shale        |
| 2770 | 2985 | Shale & Lime        |
| 2985 | 3168 | Lime & Shale        |
| 3168 | 3598 | Lime                |
| 3598 | 3700 | Lime & Conglomerate |
|      | 3700 | Rotary Total Depth  |

Spud hole at 2:45 p.m., 6/03/81. Cut 279' of a 12 $\frac{1}{4}$ " hole. Ran 6 Joints of 8 5/8" - 24# casing. Set at 277.15', cemented with 225 sacks of common 2% Gel, 3% Ca. Cl. Cement did circulate. Plug down at 7:25 p.m., 6/03/81. Drilled plug at 5:30 a.m., 6/04/81. 10 a.m. drilling @ 420'. Bit #1 y-11 (SN 913006).

RTD @ 3700'. Set 1st plug @ 780' with 50 sacks. Set 2nd plug @ 300' with 30 sacks, Set 3rd plug @ 40' Solid Bridge, 5 sacks in rathole, 50-50 posmix, 4% Gel, 3% C.C. Job complete at 10:00 a.m. 6/10/81.

SAMPLE TOPS:

Anhydrite 1247'  
B/Anhydrite 1283'

STATE OF KANSAS

COUNTY OF SEDGWICK

Jack L. Partridge, Vice President of Abercrombie Drilling, Inc., does hereby state that the above and foregoing is a true and correct copy of the log of the FINNESY #1-10, C NE NE SW, Section 10-9S-15W, Osborne County, Kansas.