

KANSAS

State Geological Survey  
WICHITA BRANCH

Confidential

WELL COMPLETION REPORT AND  
DRILLER'S LOG

CONFIDENTIAL

S. 7 T. 11S R. 15W

Loc. NW NE SE

API No. 15 — 167 — 21,675  
County Number

Operator

Graham-Michaelis Corporation

Address

P. O. Box 247, Wichita, Kansas 67201

Well No.

2-7

Lease Name

Chrisler "B"

Footage Location

260

feet from (N) line

1060

feet from (E) line

SE/4

Principal Contractor

Abercrombie Drilling, Inc.

Geologist

Larry Bookless

Spud Date

4-3-81

Date Completed

4-12-81

Total Depth

3525

P.B.T.D.

Directional Deviation

Oil and/or Gas Purchaser

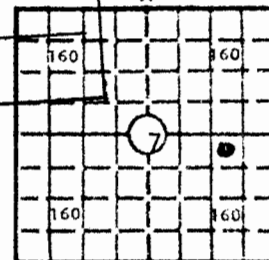
Koch Oil Company

RELEASED

Date: MAY 28 1982

FROM CONFIDENTIAL

Russell

640 Acres  
N

Locate well correctly

Elev.: Gr. 1922

DF KB 1927

## 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#            | 262'          | common      | 185   | 2% gel, 3% c.c.                |
| Production              |                   | 4-1/2"                    | 10.5#          | 3523'         | common      | 200   | 10% salt + 10 bbls salt flush. |
|                         |                   |                           |                |               |             |       |                                |
|                         |                   |                           |                |               |             |       |                                |

## LINER RECORD

## PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
|          |             |              |               |             | 3148 - 3376'   |
|          |             |              |               |             | over-all       |

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used                    | Depth interval treated |
|-----------------------------------------------------|------------------------|
| 10,000 gallons - over-all perforations 3148 - 3376' |                        |
|                                                     |                        |
|                                                     |                        |

## INITIAL PRODUCTION

|                                                    |                           |                                                     |                       |               |
|----------------------------------------------------|---------------------------|-----------------------------------------------------|-----------------------|---------------|
| Date of first production                           |                           | Producing method (flowing, pumping, gas lift, etc.) |                       |               |
| May 8, 1981                                        |                           | Pumping                                             |                       |               |
| RATE OF PRODUCTION<br>PER 24 HOURS                 | Oil                       | Gas                                                 | Water                 | Gas-oil ratio |
|                                                    | Swab 5 BOPH/3hrs<br>bbls. | MCF                                                 | bbls.                 | CFPB          |
| Disposition of gas (vented, used on lease or sold) |                           |                                                     | Producing interval(s) |               |
|                                                    |                           |                                                     | Above perforations.   |               |

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 HOLD THIS INFORMATION CONFIDENTIAL

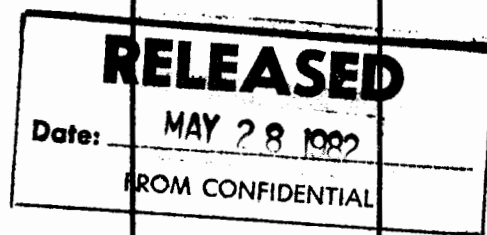
|                                          |                            |                                                                                                     |
|------------------------------------------|----------------------------|-----------------------------------------------------------------------------------------------------|
| Operator<br>Graham-Michaelis Corporation |                            | DESIGNATE TYPE OF COMP.: OIL, GAS,<br>DRY HOLE, SWDW, ETC.: <span style="float: right;">P.C.</span> |
| Well No.<br>2-7                          | Lease Name<br>Chrisler "B" | OIL <span style="float: right;">SEP</span>                                                          |
| S 7 T 11S R 15W <del>E</del> 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.

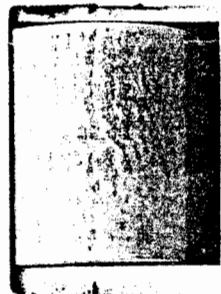
| FORMATION DESCRIPTION, CONTENTS, ETC. | TOP  | BOTTOM | NAME             | DEPTH        |
|---------------------------------------|------|--------|------------------|--------------|
| Sand and shale                        | 0    | 1092   | Heebner          | 3084 (-1157) |
| Anhydrite                             | 1092 | 1127   |                  |              |
| Shale                                 | 1127 | 2113   | Lansing          | 3133 (-1206) |
| Shale and lime                        | 2113 | 2759   |                  |              |
| Lime                                  | 2759 | 2959   | Base Kansas City | 3386 (-1459) |
| Lime and shale                        | 2959 | 3174   |                  |              |
| Lime                                  | 3174 | 3412   | Conglomerate     | 3480 (-1553) |
| Marmaton, Conglomerate, Simpson       | 3412 | 3525   |                  |              |
| Rotary total depth                    | 3525 |        | RTD              | 3525 (-1598) |



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

|               |                                         |
|---------------|-----------------------------------------|
| Date Received | <i>Jack L. Yinger</i><br>Signature      |
|               | Jack L. Yinger, Vice President<br>Title |
|               | _____<br>Date                           |

82  
7-11-15 SEP



**RELEASED**

Date: MAY 28 1982

FROM CONFIDENTIAL

CHRISLER "B" #2-7

DST #1 - 2234-2331, 90", rec. 450' muddy water. IFP 109-137#/30"; FFP 192-274#/60";  
ISIP 797#/45"; FSIP 797#/90". BHT 88°.

DST #2 - 2860-2880/90", rec. 70' oil cut mud. IFP 73-82#/30"; FFP 82-91#/60";  
ISIP 761#/45"; FSIP 750#/90". BHT 96°.

DST #3 - 3082-3174/90", rec. 45' GIP & 195" oil & gas cut mud (23% oil, 19% gas,  
4% water & 54% mud); IFP 100-113#/30"; FFP 146-164#/60";  
ISIP 467#/45"; FSIP 393#/90"; FHT 98°.

DST #4 - 3198-3240/90", rec. 375' muddy water w/show of oil. IFP 100-109#/30";  
FFP 164-228#/60"; ISIP 568#/45"; FSIP 558#/90"; BHT 99°.

DST #5 - 3262-3334/90", rec. 30' GIP & 150' slightly oil and gas cut mud (2% oil,  
15% gas, 4% wtr & 79% mud). IFP 91-100#/30"; FFP 137-155#/  
60"; ISIP 641#/45"; FSIP 632#/90". BHT 100°.

DST #6 - 3450-3490/60", rec. 5' mud. IFP 64-64#/30"; FFP 64-64#/30"; ISIP 95#/45";  
FSIP 164#/45". BHT 101°.

Perforations: 2871-2875; 3148-3150; 3163-3166; 3181-3184; 3296-3298; 3309-3311; 3347-3349;  
3374-3376.

CONFIDENTIAL 7-11-15W

CONTRACTOR'S WELL LOG

OPERATOR:  
CONTRACTOR:  
WELL NAME:  
LOCATION:  
  
SPUD DATE:  
COMPLETION DATE:

**RELEASED**

Date: MAY 28 1982

FROM CONFIDENTIAL

Graham-Michaelis Corporation  
Abercrombie Drilling, Inc.  
CHRISLER "B" #2-7  
NW NE SE, Section 7-11S-15W  
Russell County, Kansas  
4/03/81  
4/12/81

|      |      |                                 |
|------|------|---------------------------------|
| 0    | 1092 | Sand & Shale                    |
| 1092 | 1127 | Anhydrite                       |
| 1127 | 2113 | Shale                           |
| 2113 | 2759 | Shale & Lime                    |
| 2759 | 2959 | Lime                            |
| 2959 | 3174 | Lime & Shale                    |
| 3174 | 3412 | Lime                            |
| 3412 | 3525 | Marmaton, Conglomerate, Simpson |
|      | 3525 | Rotary Total Depth              |

Spud hole @ 5:45 p.m., 4/03/81. Drilled 262' of a 12 $\frac{1}{4}$ " hole. Ran 6 jts. of 8 5/8" - 24# casing (tally 253.95) Set @ 260' RTD. Cemented with 185 sacks of common 2% gel, 3% c.c. Cement did circulate. Plug was down @ 9:45 p.m., 4/03/81.

T.D. @ 3525'. Ran 84 joints of 4 $\frac{1}{2}$ " - 10 $\frac{1}{2}$ # casing (tally 3523.99) Set @ 3523'. Cemented with 200 sacks of common 2% c.c., 10 bbls. salt flush, Plug was down @ 9:45 a.m., 4/12/81.

STATE OF KANSAS )  
 ) SS  
COUNTY OF SEDGWICK )

RECEIVED  
STATE CORPORATION COMMISSION

APR 22 1981

CONSERVATION DIVISION

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 CHRISLER "B" #2-7, NW NE SE, Section 7-11S-15W, Russell County, Kansas.

ABERCROMBIE DRILLING, INC.

BY: Jack L. Partridge  
Jack L. Partridge, Vice President

Subscribed and sworn to before me, a Notary Public, in and for the aforesaid county and state as of this 21st day of April, 1981.

2-4-85

Suzanne M. Hofer  
Suzanne M. Hofer, Notary Public

W. M. H.