

KANSAS

State Geological Survey

WELL COMPLETION REPORT AND
DRILLER'S LOG

WICHITA BRANCH

S. 1 T. 22S R. 24W E W

SEP

API No. 15 — 083 — 20,872
County Number

Loc. C SW SE

County Hodgeman, Ks.

Operator

F & M OIL CO., Inc.

Address

422 Union Center Wichita, Ks 67202

Well No.

#1

Lease Name

Goebel

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Abercrombie Drilling

Geologist

Phil Askey

Spud Date

9 11 81

Date Completed

9 20 81

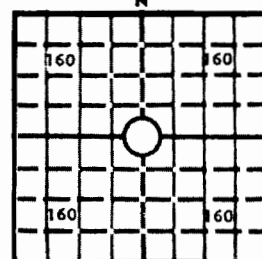
Total Depth

4725

P.B.T.D.

Directional Deviation

Oil and/or Gas Purchaser



Locate well correctly

Elev.: Gr. 2420

DF KB 2425

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	12 1/4	8 5/8		207'	common	170	2% Gel 3% Ca. Cl.

LINER RECORD

PERFORATION RECORD

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

Size	Setting depth	Pecker 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 PER 24 HOURS	Oil Gas Water Gas-oil ratio
	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.

Operator F & M OIL CO., Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Dry																																																																									
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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.																																																																											
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME DEPTH																																																																								
<p>DST #1 4560-85', 30-30-30-30, weak blow died in 18 min. recovered 30' slight oil spotted mud, with good show of oil in tool, ifp 47-47#, isip 70#, ffp 47-55#, fsip 62#.</p> <p>DST #2 4685-95', 30-30-30-30, weak blow on 1st open, no blow on 2nd, recovered 5' mud, ifp 31-31#, isip 39#, ffp 31-31#, fsip 31#.</p> <p>DST #3 4694-4705', 30-45-45-30, weak steady blow on 1st open, no blow on 2nd, recovered 10' muddy water, initial flow pressures 36-36#, isip 1404#, ffp 36-36#, final shut in pressure 1346#.</p>			<p>Sample Tops:</p> <table style="width: 100%; border: none;"> <tr><td>Heebner</td><td>3987</td><td>(-1562)</td></tr> <tr><td>Toronto</td><td>4003</td><td>(-1578)</td></tr> <tr><td>Lansing</td><td>4042</td><td>(-1617)</td></tr> <tr><td>Stark</td><td>4303</td><td>(-1878)</td></tr> <tr><td>B/KC</td><td>4406</td><td>(-1981)</td></tr> <tr><td>Marmaton</td><td>4436</td><td>(-2011)</td></tr> <tr><td>Pawnee</td><td>4497</td><td>(-2072)</td></tr> <tr><td>Ft. Scott</td><td>4573</td><td>(-2148)</td></tr> <tr><td>Cherokee</td><td>4597</td><td>(-2172)</td></tr> <tr><td>Eros. Miss</td><td>4662</td><td>(-2237)</td></tr> <tr><td>Miss Warsaw</td><td>4668</td><td>(-2243)</td></tr> </table> <p>Electric Log Tops:</p> <table style="width: 100%; border: none;"> <tr><td>Anhydrite</td><td>1704</td><td>(+ 721)</td></tr> <tr><td>B/ Anhydrite</td><td>1734</td><td>(+ 691)</td></tr> <tr><td>Heebner</td><td>3988</td><td>(-1563)</td></tr> <tr><td>Toronto</td><td>4006</td><td>(-1581)</td></tr> <tr><td>Lansing</td><td>4042</td><td>(-1617)</td></tr> <tr><td>Stark Sh</td><td>4303</td><td>(-1878)</td></tr> <tr><td>B/KC</td><td>4405</td><td>(-1980)</td></tr> <tr><td>Marmaton</td><td>4438</td><td>(-2013)</td></tr> <tr><td>Pawnee</td><td>4495</td><td>(-2070)</td></tr> <tr><td>Ft. Scott</td><td>4574</td><td>(-2149)</td></tr> <tr><td>Cherokee</td><td>4600</td><td>(-2175)</td></tr> <tr><td>Mississippi</td><td>4663</td><td>(-2238)</td></tr> <tr><td>LTD</td><td>4725</td><td>(-2302)</td></tr> </table>	Heebner	3987	(-1562)	Toronto	4003	(-1578)	Lansing	4042	(-1617)	Stark	4303	(-1878)	B/KC	4406	(-1981)	Marmaton	4436	(-2011)	Pawnee	4497	(-2072)	Ft. Scott	4573	(-2148)	Cherokee	4597	(-2172)	Eros. Miss	4662	(-2237)	Miss Warsaw	4668	(-2243)	Anhydrite	1704	(+ 721)	B/ Anhydrite	1734	(+ 691)	Heebner	3988	(-1563)	Toronto	4006	(-1581)	Lansing	4042	(-1617)	Stark Sh	4303	(-1878)	B/KC	4405	(-1980)	Marmaton	4438	(-2013)	Pawnee	4495	(-2070)	Ft. Scott	4574	(-2149)	Cherokee	4600	(-2175)	Mississippi	4663	(-2238)	LTD	4725	(-2302)
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Date Received	<div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: left;"> <p style="margin: 0;">Signature</p> <p style="margin: 0;">President</p> <p style="margin: 0;">September 25, 1981</p> <p style="margin: 0; font-size: small;">Date</p> </div> </div>																																																																										

State Geological Survey

WICHITA BRANCH

CONTRACTORS WELL LOG

1-22-24W

SEP

OPERATOR: F & M Oil Co., Inc.
CONTRACTOR: Abercrombie Drilling, Inc.
WELL NAME: GOEBEL #1
LOCATION: C SW SE, Sec. 1-22S-24W
Hodgeman County, Kansas
SPUD DATE: 9/11/81
COMPLETION DATE: 9/20/81

0	1225	Sand & Shale
1225	1255	Sand
1255	1409	Sand & Shale
1409	1649	Shale
1649	1690	Anhydrite
1690	2950	Shale
2950	3330	Shale & Lime
3330	3746	Shale
3746	4025	Shale & Lime
4025	4408	Shale
4408	4725	Lime
	4725	Rotary Total Depth

Spud hole @ 3:15 p.m., 9/11/81. Drilled 210' of a 12½" hole. Ran 5 jts. of new 8 5/8" 20# casing set @ 208' and cemented with 170 sx. common cement, 2% gel, 3% c.c. Cement did circulate. Plug was down @ 9:00 p.m., 9/11/81.

4725' TD. Set 1st plug @ 900' with 70 sx. Set 2nd plug @ 180' with 20 sx. Set 3rd plug @ 40' Solid Bridge with 10 sx. 5 sx. in Rathole. 50-50 posmix, gel, 3% c.c. Plug was down @ 5:00 p.m., 9/20/81.

SAMPLE TOPS:

hydryte 1704'
B/Anhydrite 1738'

STATE OF KANSAS)
) SS
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 GOEBEL #1, C SW SE, Sec. 1-22S-24W, Hodgeman County, Kansas.

ABERCROMBIE DRILLING, INC.

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