State Geological Survey

KANSAS DRILLERS LOG

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

9-6-23W

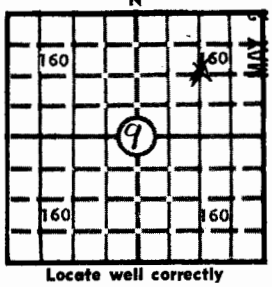
API No. 15 — 065 (County) — 20,814 (Number)

S. 9 T. 6 R. 23 E/W

Loc. NW NE

County Graham

640 Acres
N



Locate well correctly

Elev.: Gr. 2436

DF 2439 KB 2441

Operator
F & M Oil Company

Address
505 Union Center Wichita, Kansas 67202

Well No.	Lease Name
#1	Bowers

Footage Location
1060 feet from (N) (S) line 1060 feet from (E) (W) line

Principal Contractor	Geologist
Abercrombie Drilling Inc.	R. D. MEssinger

Spud Date	Total Depth	P.B.T.D.
2-13-76	3840	

Date Completed	Oil Purchaser
2-20-76	----

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 casing		8 5/8		258	quickset	165	

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval

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, 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.:
F & M Oil Co., Inc	D & A

Well No.	Lease Name
1	Bowers

S 9 T 6S R 23 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
DST #1 3743-3805 30-30-30-30. Strong blow 2900' water. IFP 318#; IBHP 1389#; FFP 1404# FBHP 1404#. D & A			Log Tops:	
			Anhydrite	2078 (+363)
			B/Anhydrite	2110 (+331)
			Heebner	3604 (-1163)
			Toronto	3628 (-1187)
			Lansing	3646 (-1205)
			Queen Hill	3555 (-114)
			Heebner	3604 (-1163)
			Toronto	3630 (-1189)
			Lansing	3648 (-1207)
			B/KC	3832 (-1391)

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

Date Received

Signature

Title

Date

State Geological Survey
WICHITA, BRANCH

CONTRACTOR'S WELL LOG

9-6-23W

15-065-20814

OPERATOR:	F & M Oil Company
CONTRACTOR:	Abercrombie Drilling, Inc.
WELL NAME:	BOWERS #1
LOCATION:	C NW NE Section 9-6S-23W
	Graham County, Kansas
SPUD DATE:	February 13, 1976
COMPLETION DATE:	February 20, 1976

0	225	Clay & Sand
225	258	Shale
258	481	Sand & Shale
481	725	Shale
725	2078	Shale & Sand
2078	2110	Anhydrite
2110	2922	Shale
2922	3595	Shale & Lime
3595	3665	Lime & Shale
3665	3730	Shale & Lime
3730	3840	Lime
	3840	Rotary Total Depth

Spudded in @ 10:45 a.m. Drilled 258' of 12¼" hole. Ran 6 jts. used 8 5/8" casing. Tallied 250.78'. Set @ 258' with 165 sx. Quick-Set Cement. Cement circulated. Plug was down @ 3:30 p.m. February 13, 1976.

Plugged and Abandoned: 1st Plug was Set @ 950' with 70 sx. cement; 2nd Plug was Set @ 250' with 20 sx. cement; 3rd Plug was Set @ 40' with 10 sx. cement. State Plugger: Gilbert Balthazor. Plug was down @ 1:30 p.m. February 20, 1976.

SAMPLE TOPS:

Anhydrite 2078'
B/Anhydrite 2110'

RECEIVED
MAY 1976
STATE GEOLOGICAL SURVEY OF KANSAS

STATE OF KANSAS)
) SS
COUNTY OF SEDGWICK)

Jerry A. Langrehr, Exec. 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 BOWERS #1, C NW NW, Section 9-6S-23W, Graham County, Kansas.

ABERCROMBIE DRILLING, INC.

By: Jerry A. Langrehr
Jerry A. Langrehr-Exec. V.P.

Subscribed and sworn to before me, a Notary Public, in and for the aforesaid county and state as of this 1st day of March, 1976.