

State Geological Survey
WICHITA, BRANCH

36-2-30W

KANSAS DRILLERS LOG

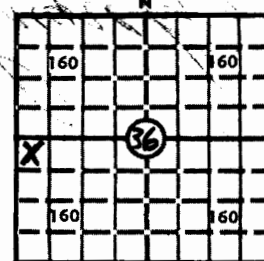
API No. 15 — 039 — 20,298
County Number

S. 36 T. 2 R. 30 ²W

Loc. NW NW SW

County Decatur

640 Acres



Locate well correctly

Elev.: Gr. 2797

DF 2803 KB 2805

Operator

Abercrombie Drilling, Inc.

Address

801 Union Center Wichita, Kansas 67202

Well No.

#1

Lease Name

Rogers

Footage Location

2310' feet from (N) (S) line 330' feet from (E) (W) line

Principal Contractor

Abercrombie Drilling, Inc.

Geologist

Jerry A. Langrehr

Spud Date

December 11, 1974

Total Depth

4021'

P.B.T.D.

3930'

Date Completed

January 9, 1975

Oil Purchaser

Koch Oil

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"		266'	Sunset	150	None
Production		4 1/2"		4041.78	50/50 Pos.	50	12# Gilonite
					Common	100	2% Gel
							2% Gel 10% salt
							4# Friction Reduc.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4		3982-3986
			4		3861-3866

TUBING RECORD

Size	Setting depth	Packer set at			
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ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acid 500 Gal. 15% Non-E	3982-3986
Acid 500 Gal. 15% Non-E	3861-3866

INITIAL PRODUCTION

Date of first production 2-23-75	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 30 bbls. Gas MCF Water 16 bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval(s) 3861-3866

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.

Operator Abercrombie Drilling, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. #1	Lease Name Rogers	Oil
S <u>36</u> T <u>2S</u> R <u>30</u> ^{ft} W		

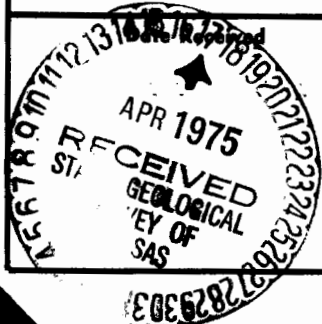
WELL LOG

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 & Sand	0	266	<u>Electric Log</u>	
Shale	266	1740		
Sand	1740	1860	Anhydrite	2569
Sand & Shale	1860	2325	B/Anhydrite	2602
Shale	2325	2360	Heebner	3783
Sand	2360	2569	Toronto	3820
Anhydrite	2569	2603	Lansing	3832
Shale	2603	2805	ELTD	4019
Shale & Lime	2805	3059		
Shale	3059	3255		
Lime & Shale	3255	3665		
Lime	3665	4050		
Rotary Total Depth		4050		
DST #1 (3790-3840) 15", 30", 60", 30", shut in 30 min. Weak blow for 30". Rec. 30' oil cut mud. IFP 52#-52#; IBHP 841#; FFP 52#-63#; FBHP 479#. DST #2 (3844-3880) 15", 30", 60", 30", Good blow. IFP 52#-104#; IBHP 343#; FFP 135#-187#; FBHP 312#. Rec. 441' gas in pipe, 180' clean oil, 260' muddy oil. Gravity 30.6. DST #3 (3892-3951) 15", 45", 15", 45", Good blow, decreasing to weak. Rec. 150' mud. IFP 72#-83#; IBHP 935#; FFP 93#-124#; FBHP 468#. DST #4 (3962-4021) 20", 45", 60", 45", Good blow. Rec. 380' mud with oil spots, 120' thin water mud. IFP 72#-124#; IBHP 1267#; FFP 156#-176#; FBHP 1101#.				

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



Jerry A. Langrehr
 Jerry A. Langrehr
 Executive Vice President
 March 13, 1975
 Date