

KANSAS DRILLERS LOG

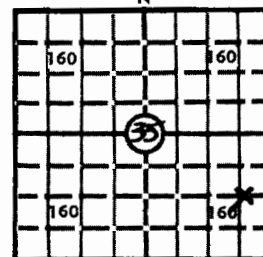
State Geological Survey
WICHITA, BRANCH

35-2-30W

S. 35 T. 2S R. 30 ^W

Loc. C E/2 SE/4

County Decatur

640 Acres
N

Locate well correctly

Elev.: Gr. 2743

DF 2749 KB 2751

API No. 15 — 039 — 20,307
County Number

Operator

A. L. Abercrombie, Inc.

Address

801 Union Center, Wichita, Kansas 67202

Well No.

#4

Lease Name

BERNDT

Footage Location

1320 feet from (N) (S) line

660 feet from (E) (W) line

Principal Contractor

Abercrombie Drilling

Geologist

Charles Johnson

Spud Date

June 4, 1975

Total Depth

4000'

P.B.T.D.

Date Completed

June 13, 1975

Oil Purchaser

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	13 3/4"	10 3/4"		250'	Sunset	170	None
Disposal		7"	23#	2531'	50/50 Posmix	450	6% gel
					Common	75	None

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		2300-2330
TUBING RECORD					
Size	Setting depth	Packer set at			


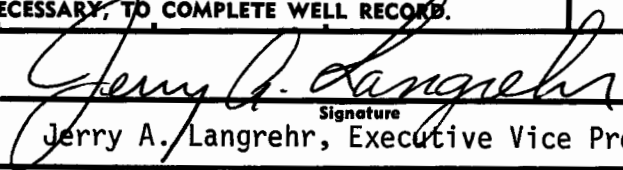
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
None	

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.) Injection Test - 2 bbls. per minute				
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	CFPB
	bbls.	MCF	bbls.		
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.

Operator A. L. Abercrombie, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. #4	Lease Name BERNDT	SWDW	
S <u>35</u> T <u>2S</u> R <u>30</u> ^W			
WELL LOG		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
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
Clay, Sand & Rock	0	175	<u>ELECTRIC LOG TOP:</u>
Shale	175	1435	
Sand	1435	1570	ANHYDRITE 2521
Shale	1570	1950	B/ANHYDRITE 2552
Sand	1950	2025	HEEBNER 3733
Shale	2025	2520	TORONTO 3768
Anhydrite	2520	2553	LANSING 3781
Shale	2553	3145	B/KANSAS CITY 3973
Shale & Lime	3145	3312	ELTD 3999
Lime & Shale	3312	3630	
Lime	3630	3710	
Lime & Shale	3710	3790	
Lime	3790	4000	
Rotary Total Depth		4000	
<p>DST #1 (3738-3790) 30", 45", 30", 45" Weak blow, died in 25". Recovered 60' drilling mud with oil spots. IFP 95-95#; IBHP 1227#; FFP 103-103#; FBHP 1996#. BHT 126°.</p> <p>DST #2 (3792-3822) 30", 45", 45", 30". Very weak blow for 10". Recovered 5' Mud with few spots of oil. IFP 42-42#; IBHP 63#; FFP 42-42#; FBHP 42#. BHT 127°</p>			
			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	<div style="text-align: right;">  Signature Jerry A. Langrehr, Executive Vice President Title July 22, 1975 Date </div>		