

15-109-20113

State Geological Survey

WICHITA BRANCH  
KANSAS DRILLERS LOG

S. 29 T. 13S R. 33W E  
Loc. C SW NE  
County Logan

API No. 15 \_\_\_\_\_  
County \_\_\_\_\_ Number \_\_\_\_\_

Operator  
Abercrombie Drilling, Inc.

Address  
801 Union Center, Wichita, Kansas 67202

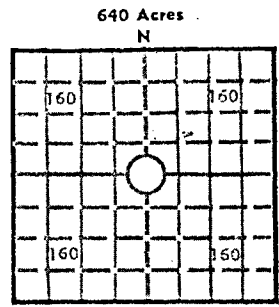
Well No. 1 Lease Name BERTRAND "B"

Footage Location  
feet from (N) (S) line \_\_\_\_\_ feet from (E) (W) line \_\_\_\_\_

Principal Contractor Abercrombie Drilling, Inc Geologist Benny Singleton

Spud Date 10-03-78 Total Depth 4530' P.B.T.D. \_\_\_\_\_

Date Completed 10-14-78 Oil Purchaser \_\_\_\_\_



Elev.: Gr. 2871'  
DF 2874' KB 2876'

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"	28#	257'	60-40 posmix	190	3%Ca.Cl., 2% ge

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD

Size	Setting depth	Packer 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, 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		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1	Lease Name BERTRAND "B"	Dry Hole
S 29 T 13S R 33W E W		

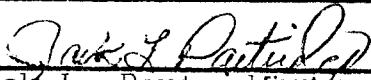
**WELL LOG**

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 & shale	0	1588	<u>SAMPLE TOPS:</u>	
Shale	1588	1723	Anhydrite	2312' (+ 56)
Shale & Sand	1723	2180	B/Anhydrite	2335' (+ 54)
Shale	2180	2313	Topeka	3540' (- 66)
Anhydrite	2313	2335	Heebner	3762' (- 88)
Shale	2335	2615	Toronto	3778' (- 90)
Shale & Lime	2615	3060	Lansing	3806' (- 93)
Lime & Shale	3060	3700	St. Shale	4062' (-118)
Lime	3700	3860	B/KC	4136' (-126)
Lime & Shale	3860	3905	Marmaton	4174' (-129)
Lime	3905	4530	Ft. Scott	4314' (-143)
Rotary Total Depth		4530	Cherokee	4342' (-146)
DST #1(3677-3700') 30", 45", 60", 45"			<u>ELECTRIC LOG TOPS:</u>	
Rec. 120' sw IFP 21-21, IBHP 1109, FFP 43-43, FBHP 1035			Anhydrite	2312' (+ 56)
DST #2 (2768-3785') 30", 45", 60" 45"			B/Anhydrite	2334' (+ 54)
Rec. 180' sw. IFP 32-53, IBHP 845, FFP 75-107, FBHP 783			Topeka	3536' (- 66)
DST #3 (3837-3860') 35' zone. 30", 45", 60", 45" Rec. 730' sw			Heebner	3758' (- 88)
IFP 53-161, IBHP 1204, FFP 193-323 FBHP 1172			Toronto	3775' (- 89)
DST #4 (3887-3905') 30", 30", 30" 30"			Lansing	3806' (- 93)
120' oil sptd, mdy water IFP 21-21, IBHP 961, FFP 43-43, FBHP 845			Stark	4051' (-117)
DST #5 (4009-4035') 30", 45", 30" 45"			B/KC	4120' (-124)
Weak blow 30". Rec. 50' oil sptd mud. IFP 21-21, IBHP 1267, FFP 21-21, FBHP 1236			Marmaton	4159' (-128)
			Ft. Scott	4309' (-143)
			Cherokee	4336' (-146)
			Johnson	4380' (-150)
			Miss.	4499' (-162)
			LTD	4526' (-165)
			DTD	4530' (-165)

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

Date Received	 Jack L. Partridge Assistant Secretary-Treasurer Title October 18, 1978 Date
---------------	---