

WICHITA BRANCH

IMPORTANT
Kans. Geo. Survey Request
Samples on this well.

WICHITA BRANCH

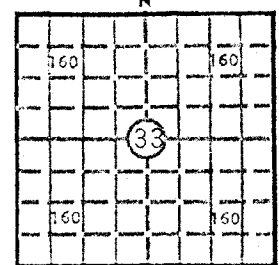
KANSAS DRILLERS LOG

S. 33 T. 11 R. 33 ^XW

Loc. C N/2 N/2 NE

County LOGAN

640 Acres
N



Elev.: Gr. 3095'

DF 3098' KB 3100'

API No. 15 — 109 — 20,141
County Number

Operator
Ambercrombie Drilling

Address
801 Union Center, Wichita, KS 67202

Well No. 1 Lease Name Moore "B"

Footage Location
330' feet from (N) ~~XX~~ line 1320' feet from (E) ~~XX~~ line

Principal Contractor Geologist
Abercrombie Drilling Inc. Raymond Palmer

Spud Date Total Depth P.B.T.D.
January 31, 1980 4582' 4584'

Date Completed Oil Purchaser
February 12, 1980 Murphy Oil Company

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"	20#	291'	60/40 posmix	200	3% Ca. Cl. 2% gel.
Production	7-7/8"	4 1/2"	10 1/2#	4577'	50/50 posmix common	100 150	2% gel salt saturated

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			open hole		4582 - 4585
			4		4247 - 4251

TUBING RECORD

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gallons, 15% MCA	4582 - 4585 open hole

INITIAL PRODUCTION

Date of first production 04-19-80	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 160 bbls. Gas MCF 16 bbls. Water CFPB
Disposition of gas (vented, used on lease or sold) Zones commingled	Producing interval(s) L KC 4247-4251 Marmaton 4582-4585 open hole

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.: Oil
Well No. 1	Lease Name Moore "B"	
S 33 T 11 S R 33 W E W		

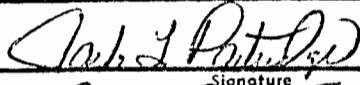
WELL LOG

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
Clay, sand and shale	0	292	<u>SAMPLE TOPS:</u>	
Shale and sand	292	1360		
Shale	1360	1974	Anhydrite	2584' (+ 516)
Shale and sand	1974	2275	Heebner	3992' (- 892)
Shale	2275	2584	Toronto	4019' (- 919)
Shale and Anhydrite	2584	2748	Lansing	4039' (- 939)
Lime and shale	2748	3214	B/KC	4322' (-1222)
Shale	3214	3386	Marmaton	4349' (-1249)
Lime and shale	3386	3575	Pawnee	4455' (-1355)
Shale and lime	3575	3690	Upper Cher.	4499' (-1399)
Lime and shale	3690	4100	Lower Cher.	4531' (-1431)
Lime	4100	4140	Johnson Zn.	4574' (-1474)
Lime and shale	4140	4205		
Lime	4205	4293		
Lime and shale	4293	4582	<u>ELECTRIC LOG TOPS:</u>	
Rotary Total Depth		4582		
DST #1 (4101-4130') 30", 45", 60", 45" Strong blow. Rec. 300' gip, 1140' cl gsy oil (39°), 60' smco, 90' water. IFP 97-291, IBHP 1323, FFP 356-540, FBHP 1205. Temp. 114°			Anhydrite	2586' (+ 514)
			B/Anhydrite	2610' (+ 490)
			Heebner	3993' (- 893)
			Toronto	4017' (- 917)
			Lansing	4042' (- 942)
			Stark	4264' (-1164)
			B/KC	4326' (-1226)
			Marmaton	4353' (-1253)
			Pawnee	4454' (-1354)
			Upper Cher.	4502' (-1402)
			Lower Cher.	4534' (-1434)
			Johnson Zn.	4578' (-1478)
			LTD	4585'
			DTD	4582'
DST #2 (4162-4205') 30", 45", 60", 45" Strong blow. Rec. 360' gip, 660' cgo, 450' gocw. IFP 75-270, IBHP 1162, FFP 302-476, FBHP 1077.				
DST #3 (4199-4235') 30", 45", 60", 45" Strong blow. Rec. 2550' gip, 1400' cl gsy oil, 120' smco, 30' ocm, 120' gcw. IFP 108-313, IBHP 551, FFP 497-626, FBHP 808.				
DST #4 (4234-4261') 30", 45", 60" 45" Strong blow. Rec. 3000' gip, 1240' cl gsy oil, 120' mud. IFP 86-280, IBHP 754, FFP 335-508, FBHP 754.				

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

Date Received	 Signature
	Asst. Gen. Manager Title
	June 5, 1980 Date