

KANSAS

IND

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

WELL COMPLETION REPORT AND
DRILLER'S LOG

State Geological Survey

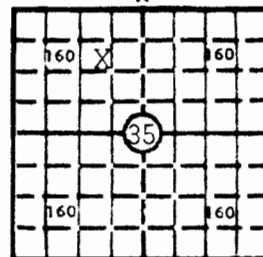
WICHITA BRANCH

API No. 15 — 193 — 20,218
County Number

S. 35 T. 7S R. 36W E W

Loc. C SW NE NW

County Thomas

640 Acres
N

Locate well correctly

Elev.: Gr. 3357'

DF KB 3362'

Operator

Abercrombie Drilling, Inc.

Address

801 Union Center, Wichita, KS 67202

Well No.

#1

Lease Name

LEHMAN

Footage Location

990'

feet from (N) (S) line

1650'

feet from (E) (W) line

Principal Contractor

Abercrombie Drilling, Inc.

Geologist

Don Moore

Spud Date

1/03/81

Date Completed

1/14/81

Total Depth

4926'

P.B.T.D.

Directional Deviation

Oil and/or Gas 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	12 1/4"	8 5/8"	20#	367'	60-40 posmix	285	2% gel, 3% c.c.
Production	7 7/8"	4 1/2"	10 1/2#	4921'	50-50 posmix common	50 200	2% gel, 12 1/2# gel/sx. salt sat. w/friction reducer

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	DP Jets	4704' - 4708'
TUBING RECORD					
Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
2500 Gallons 15% Non-E	4704' - 4708'

INITIAL PRODUCTION

Date of first production April 27, 1981	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 4 bbls. Gas MCF Water 21% bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval (s) 4704' - 4708'

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, 245 No. Water, Wichita, Kansas 67202. 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 LEHMAN	Oil	
S 35 T 7S R 36W 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			
Shale	0	390	SAMPLE TOPS:
Shale & Sand	390	2102	
Shale	2102	2968	Anhydrite
Anhydrite	2968	2974	B/Anhydrite
Shale	2974	3365	Wabaunsee
Shale & Lime	3365	4128	Tarkio
Lime	4128	4275	Heebner
Lime & Shale	4275	4565	Tornoto
Lime	4565	4820	Lansing
Lime & Shale	4820	4926	Stark
Rotary Total Depth		4926	B/KC
			Marmaton
			Ft. Scott
			Cherokee
DST #1 (4194'-4220') 30", 45", 30", 45". Fair blow decreasing to dead in 50". Recovered 40' mud w/ few oil specks. IFP 41#-41#, IBHP 1272#, FFP 41#-59#, FBHP 1252#.			ELECTRIC LOG TOPS:
DST #2 (4500'-4565') 30", 45", 60", 45". Strong blow. Recovered 62' gip., 265' gsy. HOCM (50% oil, 20% water, 30% mud). 265' gsy. mud water. IFP 59#-128#, IBHP 1243#, FFP 188#-238#, FBHP 1076#.			Anhydrite
DST #3 (4736'-4820') 30", 45", 60", 45". Recovered 15' free oil, 15' OCWM, 2729' SW. Strong blow. IFP 992#-1047#, IBHP 1537#, FFP 1096#-1370#, FBHP 1418#.			B/Anhydrite
DST #4 (4688'-4754') Straddle Packers. 30", 45", 60", 45". Strong blow. Rec. 771' SMC frothy oil. IFP 94#-231#, IBHP 1754#, FFP 256#-376#, FBHP 1630#.			Wabaunsee
			Topeka
			Heebner
			Toronto
			Lansing
			Stark Shale
			B/KC
			Marmaton
			Fort Scott
			Chero. Shale
			Mississippian
			ELTD
			RTD
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	Signature Jack L. Partridge Assistant Secretary/Treasurer Title January 20, 1981 Date		