

15-104-20083

State Geological Survey

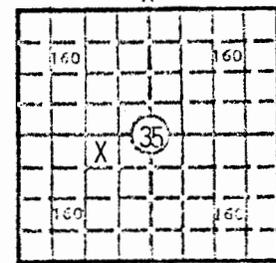
KANSAS DRILLERS LOG WICHITA BRANCH

S. 35 T. 13S R. 33 ^X W

Loc. NW NE SW

County Logan

640 Acres N



Elev.: Gr. 2895'

DF 2898 KB 2900

API No. 15 _____ County _____ Number _____

Operator
Abercrombie Drilling, Inc.

Address
801 Union Center, Wichita, Kansas 67202

Well No. 2 Lease Name Smoky Valley

Footage Location
feet from (N) (S) line _____ feet from (E) (W) line _____

Principal Contractor Abercrombie Drilling, Inc. Geologist Orlin Phelps

Spud Date July 30, 1977 Total Depth 4530' P.B.T.D. _____

Date Completed September 9, 1977 Oil Purchaser Koch 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 1/2"	8-5/8"	28#	250'	Common	165	2% gel 3% CaCl
Production	7-7/8"	5-1/2"	14#	(K.B.) 4228.30	50/50 Posmix	75	2% gel 12 1/2# gilsonite/sac
					&Common	150	2% gel 10% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4		3841-3843

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.) Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil 32.18 bbls.	Gas _____ MCF	Water 67% X Xs.	Gas-oil ratio	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval(s) 3841-3843		

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 an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

DESIGNATE TYPE OF COMP.: OIL, GAS,
 DRY HOLE, SWDW, ETC.:
 Oil

Operator
 . Abercrombie Drilling, Inc.

Well No. 2 Lease Name
 Smoky Valley

s 35 T 13S R 33 ^R/_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
Surface dirt, sand & shale	0	243		
Sand & shale	243	865		
Shale	865	1615		
Sand & shale	1615	2167		
Shale	2167	2344		
Anhydrite	2344	2366		
Shale & lime	2366	3320		
Lime & shale	3320	3660		
Lime	3660	4530		
Rotary Total Depth		4530		
<p>DST #1 (3273-3320) 30", 30", 30", 30". Recovered 15' mud, IFP 30-30, IBHP 816, FFP-30-30, FBHP 724. Temp. 103^o</p> <p>DST #2 (3485-3587) 30", 60", 90", 60". Recovered 240' thin, watery mud, spots of oil. IFP 71-91, IBHP 1101, FFP 102-153, FBHP 1030. Temp. 106^o</p> <p>DST #3 (3587-3664) 30", 60", 60", 60". Recovered 1275' muddy water. IFP 81-285, IBHP 1121, FFP 316-551, FBHP 1111. Temp. 107^o</p> <p>DST #4 (3711-3785) 30", 60", 60", 60". Recovered 1600' oil, mud and water emulsion. Ground out 992' oil, 160' mud and 548' water. IFP 102-408, IBHP 1172, FFP 469-683, FBHP 1151.</p> <p>DST #5 (3082-3816) 60", 60", 60", 60". Recovered 388' oil, 71' mud and 64' water. IFP 30-132, IBHP 1182, FFP (Plugging) FBHP 1172.</p> <p>DST #6 (3833-3845) 60", 60", 60", 60" Recovered 1074' oil, 798' water, 48' mud (25½% Gravity) IFP 224-612, IBHP 1172, FFP 663-806, FBHP 1161. Temp. 108^o</p> <p>Continued on Page 2 USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.</p>				

Date Received

Signature

Title

Date

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Oil

Operator
Abercrombie Drilling, Inc.

Well No. 2 Lease Name Smoky Valley

S 35 T 13S R 33 ^R/_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
(continued)			SAMPLE TOPS:	
DST #7 (3870-3884) 30", 60", 90", 60". Weak blow. Recovered 141' oil cut muddy water. IFP 10-20, IBHP 1202, FFP 30-61, FBHP 1161. Temp. 109°			Anhydrite	2344 (+556)
			B/Anhydrite	2386 (+514)
			Foraker	3266 (-366)
			Tarkio	3451 (-551)
			Howard	3520 (-620)
			Topeka	3664 (-764)
			Heebner	3797 (-897)
			Toronto	3811 (-911)
			Lansing	3838 (-938)
DST #8 (3892-3907) 30", 60", 90", 60". Recovered 124' slightly oil cut muddy water. IFP 20-20, IBHP 1070, FFP 30-51, FBHP 918. Temp. 109°			ELECTRIC LOG TOPS:	
DST #9 (3924-3947) 60", 60", 60", 60". Recovered 1100' muddy salt water. IFP 61-336, IBHP Failed, FFP 346-479, FBHP 969. Temp. 110°			Anhydrite	2341 (+559)
DST #10 (4015-4023) 60", 60", 60", 60". Recovered 528' slightly oil cut muddy water. IFP 20-122, IBHP 1070, FFP 153-224, FBHP 1050. Temp. 110°			B/Anhydrite	2363 (+537)
DST #11 (4050-4094) 60", 60", 60", 60". Recovered 558' slightly oil cut muddy water. IFP 40-153, IBHP 1263, FFP 163-244, FBHP 1253. Temp. 110°			Heebner	3799 (-599)
DST #12 (4101-4113) 60", 60", 60", 60". Recovered 2825' salt water with few specks oil. IFP 224-1141, IBHP 1263, FFP 1182-1263, FBHP 1263. Temp. 112°			Toronto	3813 (-913)
DST #13 (4397-4458) 30", 30", 30", 30". Recovered 5' mud, IFP 30-30, IBHP 663, FFP 30-30, FBHP 540. Temp. 114°			Lansing	3840 (-940)
			B/KC	4174 (-1274)
			Fort Scott	4354 (-1454)
			Mississippian	4517 (-1617)
			ELTD	4533 (-1633)
			RTD	4530 (-1630)

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

Date Received

Jack L. Partridge
Signature
Jack L. Partridge, Assistant Secretary-Treasurer
Title
February 10, 1978
Date