

15-109-20091

State Geological Survey

WICHITA BRANCH

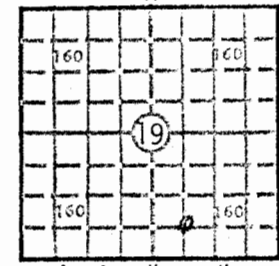
KANSAS DRILLERS LOG

S. 19 T. 12S R. 35 W

Loc. C SW SE

County Logan

640 Acres N



Elev.: Gr. 3189'

DF 3192' KB 3194'

API No. 15 _____ County _____ Number _____

Operator
Abercrombie Drilling, Inc.

Address
801 Union Center, Wichita, Kansas 67202

Well No. 1 Lease Name HOLMBERG

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

Principal Contractor Abercrombie Drilling, Inc. Geologist Orlin Phelps

Spud Date October 6, 1977 Total Depth 4750' P.B.T.D. _____

Date Completed November 8, 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 1/4"	8-5/8"		284.52	Common	200	2% gel 3% CaCl
Production	7-7/8"	4 1/2"	10 1/2#	4748'	50/50 Posmix	50	2% gel 12 1/2# gilsonite/sack
					Common	100	2% gel, salt saturated centralizers

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4		4499-4502

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal. 15% Non-E Acid	4499-4502

INITIAL PRODUCTION

Date of first production _____		Producing method (flowing, pumping, gas lift, etc.) Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil 21 bbls.	Gas _____ MCF	Water Trace	Gas-oil ratio XXX	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval(s) 4499-4502		

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

HOLMBERG

S 19 T 12S R 35 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	2498	SAMPLE TOPS:	
Shale & shells	2498	2597	Anhydrite	2597 (+597)
Anhydrite	2597	2621	B/Anhydrite	2621 (+573)
Shale & shells	2621	3331	Topeka	3742 (-548)
Shale & lime	3331	3723	Heebner	3965 (-771)
Lime & shale	3723	3942	Toronto	3990 (-796)
Shale & lime	3942	4015	Lansing	4010 (-816)
Lime	4015	4055	Stark Shale	4246 (-1052)
Shale & lime	4055	4107	B/KC	4343 (-1149)
Lime & shale	4107	4160	Fort Scott	4502 (-1308)
Lime	4160	4750	Cherokee	4540 (-1346)
Rotary Total Depth		4750		
DST#1 (3882-3942) 30", 60", 90", 60". Weak blow increased to fair. Rec. 150' watery mud. IFP 65-65, IBHP 1173, FFP 76-119, RBHP 1098. Temp. 120.			ELECTRIC LOG TOPS:	
DST#2 (3970-4005) 30", 30", 30", 30". Rec. 10' mud. IFP 65-65, IBHP 712, FFP 65-65, FBHP 680. Temp. 117.			Anhydrite	2596 (+598)
DST#3 (4030-4055) 30", 60", 90", 60". Rec. 1020' sw with few spots oi. IFP 76-127, IBHP 1238, FFP 221-530, FBHP 1205. Temp. 120			B/Anhydrite	2618 (+576)
DST#4 (4088-4107) 30", 30", 30", 30". Rec. 10' mud with spots oil. FP's 54-54, IBHP 76, FBHP 151. Temp. 117.			Heebner	3964 (-770)
DST#5 (4193-4225) 30", 60", 90", 60". Weak to fair blow. Rec. 250' watery mud with show of oil. IFP 65-76, IBHP 1313, FFP 97-162, FBHP 1238. Temp. 122.			Toronto	3989 (-795)
DST#6 (4221-4250) 30", 60", 90", 60". Rec. 85' watery mud with few spots oil. IFP 65-65, IBHP 1356, FFP 76-86, FBHP 1313, Temp. 120.			Lansing	4108 (-914)
DST#7 (4243-4302) 30", 60", 90", 60". Rec. 185' watery mud, 10% water. IFP 76-76, IBHP 1324, FFP 97-140, FBHP 1205. Temp. 126.			B/KC	4343 (-1149)
DST#8 (4497-4554) 30", 60", 90", 60". Rec. 1400' gip, 100' clean oil - 310, 610' muddy frothy oil. IFP 65-130, IBHP 1248, FFP 173-303, FBHP 1173. Temp. 127.			Fort Scott	4500 (-1306)
			Cherokee	4531 (-1337)
			Mississippi	4712 (-1518)
			LTD	4749 (-1555)
			DTD	4750 (-1556)

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

Date Received



Signature

Jack L. Partridge, Ass't. Secretary-Treasurer

Title

February 10, 1978

Date