

WELL COMPLETION REPORT AND DRILLER'S LOG

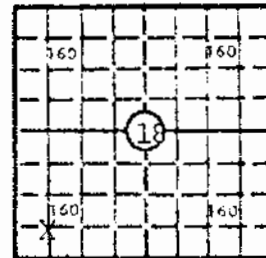
API No. 15 — 109 — 20,165
County Number

S. 18 T. 11S R. 33W E W

Loc. C SW SW

County Logan County

640 Acres
N



Elev.: Gr. 3153'

DF 3156' KB 3158'

Operator
Abercrombie Drilling, Inc.

Address
801 Union Center, Wichita, KS 67202

Well No. #1 Lease Name POTTER

Footage Location
660 feet from (N) (S) line 660 feet from (E) (W) line

Principal Contractor Abercrombie Drilling, Inc. Geologist

Spud Date 2/04/81 Date Completed 2/17/81 Total Depth 4785' 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"	24#	328.07	common	225	2% gel, 3% c.c.
Production	7 7/8"	4 1/2"	10 1/2#	4411	50/50 posmix common	50 200	12 1/2# gilsinite/sx. 12% gel, salt sat.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks 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
D & A	

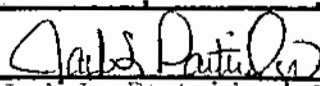
INITIAL PRODUCTION

Date of first production Producing method (flowing, pumping, gas lift, etc.)

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	bbis.	MCF	bbis.	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, 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 an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

90876

Operator		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:		
Abercrombie Drilling, Inc.				
Well No.	Lease Name			
#1	POTTER #1	D & A		
S 18 T 11S R 33WE 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
Sand & Shale	0	2627	SAMPLE TOPS:	
Anhydrite	2627	2670		
Sand & Shale	2670	2984	Anhydrite	2626'
Shale & Redbed	2984	3261	B/Anhydrite	2670'
Sand & Shale	3261	3515	Heebner	4037' (-879)
Shale & Lime	3515	4785	Toronto	4062' (-904)
Rotary Total Depth		4785	Lansing	4080' (-922)
			B/KC	4367' (-1209)
DST #1 (4904'-4125') 30", 45", 60", 45". Rec. 50' MSW/trace of oil; 1476' MSW. IFP 51#-123#, ISIP 1214#, FFP 227#-411#, FSIP 1152#.			ELECTRIC LOG TOPS:	
DST #2 (4150'-4172') 30", 45", 60", 45". Weak blow to very weak blow. 160' MSW. IFP 10#-21#, ISIP 1237#, FFP 52#-74#, FSIP 1143#.			Anhydrite	2628' (+530)
DST #3 (4233'-4248') 30", 45", 30", 45". Weak blow 30", died. Rec. 30' thin mud. IFP 10#-10#, ISIP 864#, FFP 30#-30#, FSIP 823#.			B/Anhydrite	2653' (+505)
DST #4 (4270'-4290') 30", 45", 60", 45". Weak blow increasing to fair. Rec. 45' GIP & 75' gassy MCO. IFP 10#-10#, ISIP 1206#, FFP 31#-31#, FSIP 1206#.			Heebner	4036' (-878)
DST #5 (4290'-4308') (180' zone) 30", 45", 30", 45". Weak blow 30", died. Rec. 5' muddy water. IFP 10#-10#, ISIP 10#, FFP 10#-10#, FSIP 10#.			Toronto	4064' (-906)
DST #6 (4310'-4334') 30", 45", 60", 45". Weak blow. Rec. 50' GIP, 10' Gassy SOCM, 60' gsy. SW. FFP 21#-21#, ISIP 1320#, FFP 31#-42#, FSIP 1279#.			Lansing	4077' (-919)
DST #7 (4254'-4306') (Straddle Packers) 30", 60", 120#, 60". Rec. 120' Mud. IFP 51#-51#, ISIP 1287#, FFP 61#-113#, FSIP 1225#.			Stark Shale	4307' (-1149)
			B/KC	4368' (-1210)
			Marmaton	4401' (-1243)
			Pawnee	4496' (-1338)
			Fort Scott	4558' (-1400)
			Lower Chero.	4588' (-1430)
			Johnson Zone	4641' (-1483)
			Mississippian	4698' (-1540)
			LTD	4784' (-1626)
			DTD	4785' (-1627)
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
Date Received	 Jack L. Partridge Signature Assistant Secretary/Treas. Title February 25, 1981 Date			