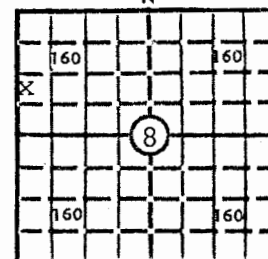


KANSAS DRILLERS LOG

S. 8 T. 1S R. 26W^E_W

Loc. 150' NW of C SW NW

County Decatur

640 Acres
N

Locate well correctly

Elev.: Gr. 2496'

DF 2502' KB 2504'

API No. 15 — 039 — 20,438
County Number

Operator

Abercrombie Drilling, Inc.

Address

801 Union Center, Wichita, Kansas 67202

Well No.

1

Lease Name

Huff "B" #9

Footage Location

1876' feet from (N) XX line 556' feet from (XX)W line

Principal Contractor

Abercrombie Drilling, Inc

Geologist

Vic Reiserer

Spud Date

December 13, 1978

Total Depth

3591'

P.B.T.D.

3450'

Date Completed

January 23, 1979

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	Socks	Type and percent additives
Surface	12 $\frac{1}{2}$ "	8-5/8"	28#	268'	60/40 posmix	185	3% Ca.Cl., 2% ge
Production	7-7/8"	4 $\frac{1}{2}$ "	10 $\frac{1}{2}$ #	3568'	50/50 posmix common	50 100	2% gel, 12 $\frac{1}{2}$ # gil/s 2% gel, salt sat.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval
			4		3390' - 3394'
TUBING RECORD			4		3356' - 3359'
Size	Setting depth	Packer set at	4		3317' - 3320'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1500 gallon, 15% Non-E	3317' - 3320' 3356' - 3359'
500 gallon, 15% Non-E	3390' - 3394'

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)				
March 1, 1979	Pumping				
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	18 bbls.	MCF	18 bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
			3390' - 3394' 3356' - 3359', 3317' 3320'		

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		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Abercrombie Drilling, Inc.		Oil	
Well No.	Lease Name		
1	Huff "B"		
S 8 T 1S R 26WE 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
Surface soil, sand and shale	0	175	SAMPLE TOPS:
Shale	175	865	
Shale and sand	865	1968	
Anhydrite	1968	1997	
Shale	1997	2716	
Lime and shale	2716	2950	
Shale	2950	3119	
Lime and shale	3119	3295	
Lime	3295	3330	
Lime and shale	3330	3368	
Lime	3368	3400	
Lime and shale	3400	3588	
Rotary Total Depth		3588	
DST #1 (3233-3295') 30", 45", 60", 45"			
Strong blow. Rec. 35' co, 65' oil & gc			
mdy wtr., 656' mdy wtr.			
IFP 64-150, IBHP 1331, FFP 204-344, FBHP 1246.			
Temp. 104°			
DST #2 (3290-3330') 30", 30", 30", 30"			
Weak blow. Rec. 20' hosm			
IFP 21-21, IBHP 1141, FFP 43-43, FBHP 1067			
DST #3 (3327-3367') 30", 45", 60", 45"			
Weak to fair blcw. Rec. 60' hocm(15% oil)			
IFP 21-32, IBHP 930, FFP 43-64, FBHP 802			
Temp. 102°			
DST #4 (3375-3400') 30", 45", 60", 45"			
Strong blow. Rec. 160' gip, 199' oil,			
189' hocm (60% oil) 63' oc wtry mud (8% oil)			
IFP 48-107, IBHP 269, FFP 140-193, FBHP 269			
DST #5 (3403-3439') 30", 30", 30", 30"			
Weak blow 8" died. Rec. 5' mud.			
IFP 10-10, IBHP 10, FFP 10-10, FBHP 10			
DST #6 (3434-3459')			
Strong blow.			
Rec. 1700' water.			
IFP 140-484, IBHP 1056, FFP 581-834, FBHP 1004			
Temp. 108°			
DST #7 (3564-3588')			
Weak blow throughout.			
Rec. 10' oil, 10' mud.			
IFP 10-10, IBHP 441, FFP 21-21, FBHP 344			

ETE WELL RECORD.

Signature

tridge, Asst. Sec.-Treas.

Title

9

Date