

KANSAS State Geological Survey
WELL COMPLETION REPORT AND DRILLER'S LOG
WICHITA BRANCH

API No. 15 — 185 — 21,300
 County Number

Operator
 Abercrombie Drilling, Inc.

Address
 801 Union Center, Wichita, Kansas 67202

Well No. 1 Lease Name HAHN

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

Principal Contractor Geologist
 Bergman Drilling, Inc.

Spud Date Date Completed Total Depth P.B.T.D.
 7/16/81 7/27/81 4018'

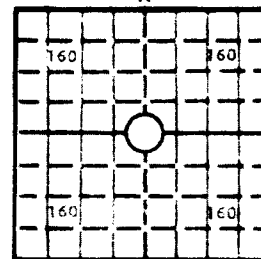
Directional Deviation Oil and/or Gas Purchaser

S. 3 T. 24S R. 13WE W

Loc. C SW NE

County Stafford

640 Acres
 N



Locate well correctly

Elev.: Gr. 1901'

DF 1903' KB 1906'

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	12½"	8 5/8"		316'			

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

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.)

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	bbls.	MCF	bbls.	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 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, SEP DRY HOLE, SWDPW, ETC.: Dry Hole P1	
Well No. 1	Lease Name HAHN		
S <u>3</u> T <u>24S</u> R <u>13W</u> _E			
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 & Red Beds	0	316	<u>SAMPLE TOPS:</u>
Red Bed Shale	316	565	Heebner 3345' (-1439
Red Bed & Shale	565	1292	Douglass Sh. 3385' (-1479
Anhydrite	762	783	Br. Lime 3479' (-1573
Shale & Lime	1292	1733	Lansing 3508' (-1602
Shale & Shells	1733	1879	B/K.C. 3773' (-1867
Lime & Shale	1879	1980	Conglomerate 3837' (-1931
Lime & Shale	1980	2165	Viola 3853' (-1947
Shale & Lime	2165	2366	Simpson Sd. 3946' (-2040
Lime & Shale	2366	2610	Arbuckle 3970' (-2064
Lime & Shale	2610	2855	
Shale & Lime	2855	3090	
Lime & Shale	3090	3114	
Lime & Shale	3114	3254	<u>ELECTRIC LOG TOPS:</u>
Lime & Shale	3254	3435	Heebner 3351' (-1445
Lime & Shale	3435	3550	Douglass Sh. 3390' (-1484
Lime & Shale	3550	3610	Br. Lime 3485' (-1579
Lime & Shale	3610	3691	Lansing 3513' (-1607
Lime & Shale	3691	3847	B/K.C. 3779' (-1873
Lime & Shale	3847	3971	Conglomerate 3846' (-1940
Lime & Shale	3971	3974	Viola 3861' (-1955
Arbuckle	3974	3985	Simpson Sd. 3948' (-2042
Lime & Shale	3974	4010	Arbuckle 3978' (-2072
Arbuckle	3985		
RTD	4010		
DST #1 (3670' - 3691') 30", 30", 30", 30" Week blow @ 5' - Died. Rec. 5' of Mud. 41-41, 1012, 52-48, 899. DST #2 (3828' - 3847') 30", 30", 30", 30", ISIP 31-31, ISIP 35, FFP 31-31, FSIP 33. Rec. 3' drlg. Mud DST #3 (3898' - 3974') Hit Solid Bridge 200' off bottom. DST #4 (3898' - 3974') 30", 45", 60", 45". IFP 72-87, ISIP 1262, FFP 93 - 143, FSIP 1250. Rec. 210' drlg. Mud.			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Jack Partridge Vice President August 6, 1981 Date		

ABERCROMBIE DRILLING, INC.

801 UNION CENTER
WICHITA, KANSAS 67202

State Geological Survey
WICHITA, BRANCH

HAHN #1
C SW NE
Sec. 3-24S-13W
Stafford County, Kansas

OPERATOR: Abercrombie Drilling, Inc.
CONTRACTOR: Bergman Drilling, Inc.

ELEVATION: G.L. 1901'
K.B. 1906'

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7/17/81 Running surface pipe @ 316' @ 8:00 a.m.

7/18/81 Drilling @ 1342'.

7/19/81 Drilling @ 2223'.

7/20/81 7:00 a.m., drilling @ 2835'.

7/21/81 Drilling @ 3254'.

7/22/81 Drilling @ 3640'.

7/23/81 Drilling @ 3725'. DST #1 (3670' - 3691')

30,30,30,30

Weak Blow @ 5' - Died

Recovered 5' of mud.

41-41 1012

52-48 899

7/24/81 Circulating @ 3862'.

DST #2 (3828' - 3847')

30,30,30,30

ISIP 31 - 31

ISIP 35

FFP 31 - 31

FSIP 33

Recovered 3' drlg. Mud

7/27/81 4018' TD.

DST #3 (3898' - 3974')

Hit Solid Bridge 200'
off bottom.

DST #4 (3898' - 3974')

30,45,60,45

IFP 72 - 87

ISIP 1262

FFP 93 - 143

FSIP 1250

Recovered 210' drlg. Mud

Set 1st plug @ 600' with 60 sx. Set 2nd plug @
300' with 30 sx., 3rd plug @ 40' Solid Bridge
with 10 sx., 10 sx. in Rathole - 60/40 posmix,
3% c.c. Cement by Sun. State plugger J.H. Metz.

SAMPLE TOPS:

Heebner	3345 (-1439)
Douglass Sh.	3385 (-1479)
Br. Lime	3479 (-1573)
Lansing	3508 (-1602)
B/ K.C.	3773 (-1867)
Conglomerate	3837 (-1931)
Viola	3853 (-1947)
Simpson Sd.	3946 (-2040)
Arbuckle	3970 (-2064)

ELECTRIC LOG TOPS:

Heebner	3351 (-1445)
Douglass Sh.	3390 (-1484)
Br. Lime	3485 (-1579)
Lansing	3513 (-1607)
B/ K.C.	3779 (-1873)
Conglomerate	3846 (-1940)
Viola	3861 (-1955)
Simpson Sd.	3948 (-2042)
Arbuckle	3978 (-2072)