

Trans. Geo. Survey request  
 samples on this well.

S. 27 T. 25 R. 15 W. 1976

API No. 15 — 185 — 20,658  
 County Number

Loc. C NW NW NW  
 County Stafford

Operator  
 Barnett Oil, Inc.

Address  
 1625 Vickers KSB&T Building Wichita, Kansas 67202

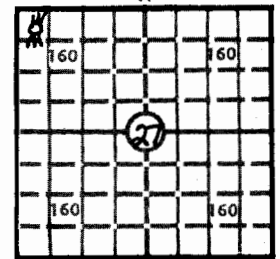
Well No. #1 Lease Name Hart "B"

Footage Location  
 330 feet from NORTH line 330 feet from (W) line

Principal Contractor Abercrombie Drilling Inc. Geologist Al Stude

Spud Date June 6, 1976 Total Depth 4290' P.B.T.D. 4271'

Date Completed June 19, 1976 Oil Purchaser Clear Creek Gas Purch. Panhandle Eastern



Locate well correctly  
 Elev.: Gr. 2018'  
 DF KB 2026'

**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"	28#	347	Common	375	3% Ca. Cl.
Production	7 7/8"	4 1/2"	10.5#	4289'	Common	175	Salt saturated

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	Jet	4258'-61'
<b>TUBING RECORD</b>			4	Jet	4225'-31'
Size	Setting depth	Packer set at	4	Jet	4225'-31'
2 3/8"	4260'	None	3	Jet	4258'-61'

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
500 gal. of acid, 10,000 gal. water, + 10,000# sand	4258'-61'
500 gal. of acid, channelled, squeeze cement with 150 sacks	4225'-31'
500 gal. of acid, 10,000 gal. of water, + 10,000# sand	4225'-31'
96,000 gal. of water, 96,000# of sand, two stages	4225'-31' and
<b>INITIAL PRODUCTION</b>	4258'-61'

Date of first production January 12, 1977 Producing method (flowing, pumping, gas lift, etc.) Flowing and Pumping

RATE OF PRODUCTION PER 24 HOURS  
 Oil 7 bbls. Gas 150 MCF Water 7 bbls. Gas-oil ratio ----- CFPB

Disposition of gas (vented, used on lease or sold) Sold Producing interval(s) 4225'-31' & 4258'-61'

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 Barnett Oil, Inc. DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Gas and Oil

Well No. B #1 Lease Name Hart

S 27 T 25S R 15 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
<u>Sample Tops</u>				
Herrington	2078'	(- 52)		
Winfield	2132'	(- 106)		
Towanda	2198'	(- 172)		
Ft. Riley	2238'	(- 212)		
Wreford	2372'	(- 342)		
Council Grove	2424'	(- 398)		
Cottonwood	2564'	(- 538)		
Neva	2638'	(- 610)		
Wabaunsee	2884'	(- 858)		
Langdon	2954'	(- 928)		
Tarkio	3008'	(- 982)		
Elmont	3060'	(-1034)		
Howard	3144'	(-1117)		
Topeka	3212'	(-1186)		
Toronto	3656'	(-1630)		
Heebner	3635'	(-1609)		
Douglas	3676'	(-1650)		
Brown Lime	3796'	(-1770)		
Lansing	3803'	(-1777)		
DST #1 Running at 2082'-2110'				
DST #2 2082'-2110' 45"-45"-30"-45" Weak to good flow-decreasing Recovered 375' of MGW I.F.P. = 87# F.F.P. = 229# I.S.I.P. = 556# F.S.I.P. = 545#				
DST Continued on separate sheet				
<b>USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.</b>				

Date Received

*Walter G. Jewett*  
Signature  
Operations Manager  
Title  
February 11, 1977  
Date

6/14/76, Drilling @ 3815'

DST #3

3801' - 3815'

30"-45"-45"-45"

strong blow

G.T.S. in 10 min, T.S.T.M.

Recovered 150' of thin mud

F.F.P. = 87#-98#

I.F.P. = 54#-54#

I.S.I.P. = 1072#

F.S.I.P. = 1082#

6/15/76 Drilling @3840'

DST #4

3825' - 3840'

30"-45"-45"-45"

weak blow to good blow

G.T.S. in 75", T.S.T.M.

Recovered 140' gassy mud with spots oil

I.F.P. = 65#-87#

F.F.P. = 87#-87#

I.S.I.P. = 631#

F.S.I.P. = 480#

6/16/76 Drilling @ 4054'

6/17/76 Circulating @4245'

Miss. 4222' to 4225'

8' - 11' low to offset well

Had show oil and 23 unit gas

Preparing to test

DST #5

4210' - 4245'

30"-45"-45"-45"

good blow throughout

Recovered 2780' gas

Recovered 10' gas cut mud

I.F.P.= 43'

F.F.P.= 43'

I.S.I.P.= 609'

F.S.I.P.=933'

6/18/76 D.S.T. #6

4245' -4270'

45"-45"-45"-45"

weak blow to good blow

Recovered 510' gas in pipe

15-185-20658  
27-25-15W

CONTRACTOR'S WELL LOG

OPERATOR: State Geological Survey  
CONTRACTOR: WICHITA, BRANCH  
WELL NAME:  
LOCATION:

Barnett Oil, Inc.  
Abercrombie Drilling, Inc.  
HART "B" #1  
NW NW Section 27-25S-15W  
Stafford County, Kansas  
June 6, 1976  
June 20, 1976

**COPY**

SPUD DATE:  
COMPLETION DATE:

0	300	Sand
300	351	Shale
351	720	Red bed Shale
720	877	Shale
877	960	Anhydrite
960	1704	Shale & Shells
1704	1945	Shale & Lime
1945	2065	Shale & Shells
2065	2410	Shale & Lime
2410	2555	Lime & Shale
2555	2720	Lime
2720	3845	Lime & Shale
3815	3840	Lime
3840	3869	Lime & Shale
3869	3945	Lime
3945	4050	Lime & Shale
4050	4245	Lime
4245	4257	Chert, Lime & Sand
4257	4270	Lime & Shale
4270	4290	Lime
	4290	Rotary Total Depth

Drilled 347' of 12 1/4" hole. Ran 9 joints of 8 5/8" surface casing, tallied 337.74'. Set @ 335', cemented 375 sx. of Common cement, 3% ca.cl., 2% gel. Plug down @ 12:00 p.m. on June 6, 1976. Cement did circulate.

Set pipe @ 4289' (1' off bottom). Cemented with 175 sx. of common cement. Plug was down @ 5:45 p.m. on June 20, 1976.

SAMPLE TOPS:

Anhydrite 877'  
B/Anhydrite 916'

STATE OF KANSAS )  
                          )    SS  
COUNTY OF SEDGWICK )

Jerry A. Langrehr-Executive Vice President of Abercrombie Drilling, Inc. does hereby state that the above and foregoing is a true and correct copy of the log of the Hart "B" #1, NW NW Section 27-25S-15W Stafford County, Kansas.