

**KANSAS DRILLERS LOG**

S. 27 T. 13 R. 20 <sup>R</sup>/<sub>W</sub>  
 Loc. 660' FEL & 660' FNL NW  
 County Ellis

API No. 15 — 051 — 21,341  
 County Number

Operator  
Black-Stem Investors of Hays

Address  
P. O. Box 39 Catherine Route Hays, Kansas

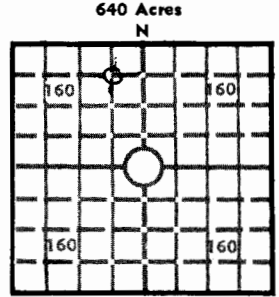
Well No. # 1 Lease Name Befort

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

Principal Contractor Reuben Dullay Co Geologist S. O. Chubb

Spud Date 6-22-77 Total Depth 3830 P.B.T.D.

Date Completed 7-2-77 Oil Purchaser



Locate well correctly  
 Elev.: Gr. 2202  
 DF 2205 KB 2207

**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
<u>surface pipe</u>	<u>12 1/4</u>	<u>8 5/8</u>	<u>24</u>	<u>215</u>	<u>Common</u>	<u>135</u>	<u>3% Am</u>

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks 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

**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, 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.:
Well No. 1	Lease Name Belfort	dry hole
S ___ T ___ R ___ 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
4nh	1568	1625	+689	
Top	3192		-987	
Heebner	3442		-1235	
Top	3461		-1254	
Sans	3479		-1272	
Base KC	3835		-1528	
Coney	3808		-1601	
Arb R/w	3825		-1618	
RTD	3830		-1623	

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

Date Received	<i>Black - Stem Investors</i>
	Signature
	<i>Francis C. Black Pres</i>
	Title
	<i>July 11 - 77</i>
	Date