

**KANSAS DRILLERS LOG**

State Geological Survey  
WICHITA, BRANCH

S. 26 T. 13 R. 20W E W

API No. 15 — 051 — 21273  
County Number

Loc. 330' FWL 550' FNL

County Ellis

Operator

Black-Stem Investors of Hays

Address

Catherine Route Box 39 Hays, Kansas

Well No.

#2

Lease Name

Herman Est.

Footage Location

660 feet from (N) line 330 feet from (W) line

Principal Contractor

Helberg Oil Co

Geologist

James Reeves

Spud Date

1-9-77

Total Depth

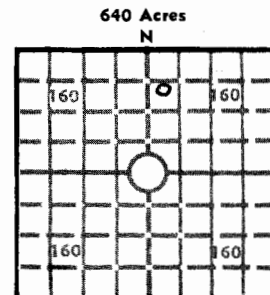
3812

P.B.T.D.

Date Completed

1-20-77

Oil Purchaser



Locate well correctly

Elev.: Gr. 2161

DF 2164 KB 2166

**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 pipe		8 5/8	28 lbs	203	70 per cent cement 30 per cent	100	

**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.

Lease Name

*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

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

Date Received

*Black Stem Investors*  
Signature

*Feb 7 - 77*  
Date