

**KANSAS DRILLERS LOG**

State Geological Survey  
WICHITA, BRANCH

S. 36 T. 32 R. 10 <sup>W</sup>

API No. 15 — 007 — 20,373  
County Number

Loc. SE NE

Operator  
Energy Sources, Inc.

County Barber

Address  
Suite 711, Energy Square, Dallas, Texas 75206

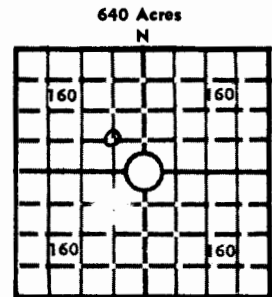
Well No. #1 Lease Name Katie ~~Haas~~ Haas

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

Principal Contractor Search Drilling Co. Geologist James F. Dilts

Spud Date 5-29-1976 Total Depth 4342 P.B.T.D.

Date Completed Shut-in Oil Purchaser



Locate well correctly  
Elev.: Gr. 1392

DF \_\_\_\_\_ KB 1402

**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		8 5/8"		320'	Common	200	
Production	7 7/8"	5 1/2"		4318	Common	150	

**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
2 3/8"	4321'	

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

Amount and kind of material used	Depth interval treated
Natural open hole completion.	

**INITIAL PRODUCTION**

Date of first production		Producing method (flowing, pumping, gas lift, etc.) Flow			
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas Open flow pot. 14,200 MCF	Water bbls.	Gas-oil ratio CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval (s) 4318-4340		

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 Energy Sources, Inc.

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No.

1

Lease Name

Katie Haas

Gas

S 36 T 32 R 10 W

SE NE

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

See attached log

Chase Group	1573 (- 171)
Elgin	3211 (-1809)
Heebner	3344 (-1942)
Douglas	3377 (-1975)
Douglas Sand	3403 (-2001)
Iatan	3635 (-2233)
Stalnaker	3644 (-2242)
Lansing	3662 (-2260)
Kansas City	3872 (-2470)
Stark Shale	4034 (-2632)
Base Kansas City	4098 (-2696)
Cherokee	4245 (-2843)
Mississippian	4316 (-2914)
Ms. Porosity	4320 (-2918)
Best Porosity	4330 (-2928)
RTD	4342 (-2940)
LTD	4340 (-2938)

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

Date Received

*James F. O'Neil*  
Signature

GEOLOGIST  
Title

AUG. 26, 1976.  
Date