State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

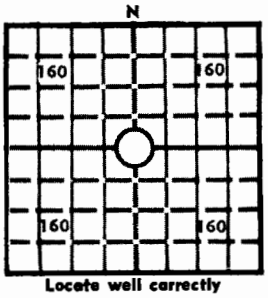
S. 36 T. 32 R. 10 E W

API No. 15 — 00/ (County) — 20,427 (Number)

Loc. NE NE

County Barber

640 Acres



Locate well correctly

Operator: Energy Sources, Inc.

Address: Suite 711, One Energy Square, Dallas, Texas 75206

Well No.: #2

Lease Name: Katie Haas

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

Principal Contractor | Geologist

Spud Date | Total Depth | P.B.T.D.

Date Completed | Oil Purchaser

Elev.: Gr. ____

DF ____ KB ____

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

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval

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 Sa. 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	
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	
	Signature
	Title
	Date

State Geological Survey
WICHITA, BRANCH

DRILLERS LOG

#2 Haas

CASING RECORD:
8 5/8" set at 231'
w/125 sack cement

TOTAL DEPTH:
4378'

OPERATOR: Energy Sources, Inc.

CONTRACTOR: Search Drilling Company

COMMENCED: June 28, 1976

COMPLETED: July 8, 1976

DESCRIPTION:
C NE NE,
Section 36-32S-10W
Barber County,
Kansas

FORMATION:	FROM	TO	REMARKS
Red Bed	0	232	
Red Bed and Shale	232	1170	
Shale and Lime	1170	2042	
Lime and Shale	2042	2612	
Lime and Shale	2612	3178	
Lime and Shale	3178	3765	
Lime and Shale	3765	3960	
Lime and Shale	3960	4229	
Lime and Shale	4229	4378	
RTD	4378		Set 141 joints of used 5 1/2" casing, set 1' off bottom with 150 sacks cement, plug down at 10:30 A.M. July 8, 1976.

I certify that this is a true and correct copy of the above log to the best of my knowledge.

SEARCH DRILLING COMPANY

R. M. Wendling

MAXINE DRESSEN
NOTARY PUBLIC
SEDGWICK COUNTY, KANSAS
MY COMMISSION EXP. FEB. 19, 1977

Subscribed and sworn to before me this 8th day of July, 1976.