State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

S. 22 T. 31 R. 13W E W

API No. 15 — 007 (County) — 20470 (Number)

Loc. C NE SE

County Barber

Operator: Mid-Continent Energy Corp

Address: P. O. Box 19148 Wichita, Kansas

Well No.: #1

Lease Name: Packard

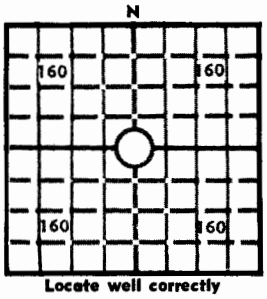
Footage Location: feet from (N) (S) line ____ feet from (E) (W) line ____

Principal Contractor | Geologist

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

Date Completed | Oil Purchaser

640 Acres



Locate well correctly

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 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	
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

DRILLERS LOG

PACKARD #1

CASING RECORD:
8 5/8" set at 214'
with 175 sacks cement

TOTAL DEPTH:

2700'

OPERATOR: Mid-Continent Energy Corp.

CONTRACTOR: Search Drilling Company

COMMENCED: December 18, 1976

COMPLETED: December 22, 1976

DESCRIPTION:

C NE SE
Section 22-31S-13W
Barber County,
Kansas

FORMATION	FROM	TO	REMARKS
Sand & Gravel	0	28	
Red Bed & Shale	28	220	
Shale and Red Bed	220	1284	
Shale	1284	1712	
Shale and Lime	1712	2349	
Lime and Shale	2349	2677	
Lime and Shale	2677	2700	
Rotary Total Depth	2700		Ran 82 joints of new 4 1/2" -10½# K-55 Production pipe (2689') cemented at 26 with 200 sacks 50-50 posmix, salt saturated and 10 barrels salt flush, 3/4# CFR-2. Plug down at 4:15 P.M.

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

SEARCH DRILLING COMPANY

William J. Froelich, Jr.

Subscribed and sworn to before me this 22th day of December, 1976.

My commission expires:
February 19, 1977

Maxine Dressen Notary Public

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