G016719

Permit #80367

ENERGY RESOURCES, INC.

Phone (816) 229-0101
Telecopier (816) 229-0101
Telex 42-4-0 (ERI)
P.O. Box 1000
Lawrence, Kansas 66044

PHONE NO.

COMPANY: Midwest Investment Company
WELL: No. 2
FIELD: Midwest Investment Company
COUNTY: Cass, Missouri

LOCATION: 1030' FSL & 1966' FWL
SEC. 2 TWP. 46N RGE. 33W

ELEVATION: GL 1000 KB N/A DF N/A

LOGGING DATA: GL 1000 KB N/A DF N/A

TRANSCRIPT LATITUDE: GL
LOGS RECEIVED FROM: GL
DATE: 3-22-83
RUN NO.: 1 NW
GAMMA RAY
NEUTRON
MAR 1 1983
RECEIVED

DATE: 3-22-83
RUN NO.: 1 NW
GAMMA RAY
NEUTRON

CASING RECORD
SURFACE: 8 5/8" @ 25.0
INTERMEDIATE: 5 1/2" @ 819.5
PRODUCTION: 2 3/8" @ 825.0
LINER: 0.0 TO 0.0
TD: 826.0 MD, OBSERVED GAS COUNCIL
FLUID IN HOLE: WATER
DENSITY: 8.4 LB/GAL
VISCOSITY: 29.0
PH: 7.0
FLUID LOSS IN CC/30 MIN: N/A
RM @ MEAS. TEMP: N/A @ N/A
RMF @ MEAS. TEMP: N/A @ N/A
RMC @ MEAS. TEMP: N/A @ N/A
RM @ BHT: N/A @ N/A
TIME CIRC. BEFORE LOGGING: 24 HRS
MAX. RECORD. TEMP. ON BOTTOM: N/A
BOTTOM HOLE TEMP.: N/A
LOGGING UNIT NO.: 1
LOGGING ENGINEER: WILLIAMSON
WITNESSED BY: NONE

BORE HOLE RECORD

BIT NO.	SIZE	FROM	TO
1	3 3/8"	0.0	T.D.

CASING RECORD

SIZE	WEIGHT	FROM	TO
3 3/8"		0.0	T.D.

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	1 NW	RUN NO.	1 NW
TOOL MODEL NO.	705	LOG TYPE	NEU/NEU
DIAMETER	1 11/16"	TOOL MODEL NO.	705
DETECTOR MODEL NO.	705-GE	DIAMETER	1 11/16"
TYPE	GEIGER	DETECTOR MODEL NO.	705 HE-3
LENGTH	1 3/8x18"	TYPE	HE
DISTANCE TO N. SOURCE	4.5	LENGTH	1" x 6"
GENERAL		SOURCE MODEL NO.	71-1
HOIST TRUCK NO.	0020	SERIAL NO.	71-1-3668
INSTRUMENT TRUCK NO.	0020	SPACING	13"
TOOL SERIAL NO.	0002	TYPE	AMSR-241
		STRENGTH	3 CI

LOGGING DATA

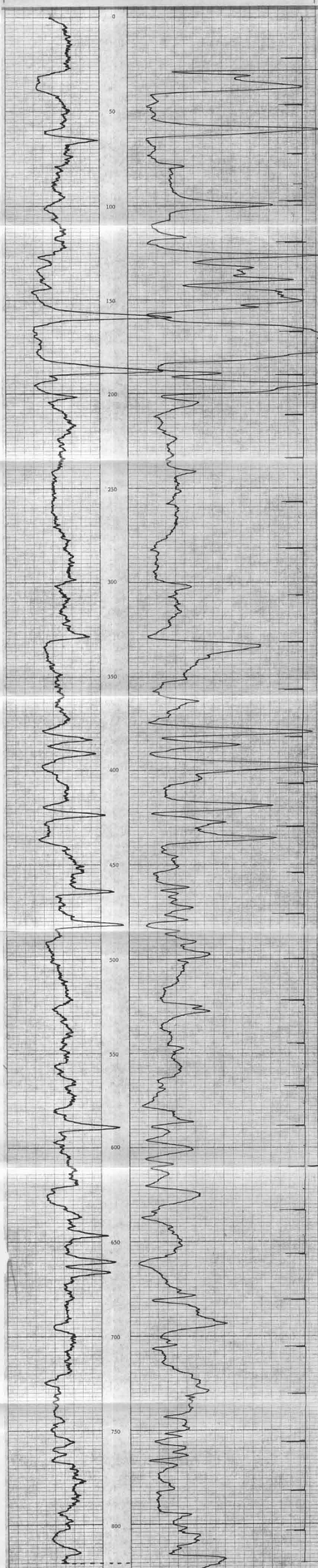
RUN NO.	GAMMA RAY DEPTHS FROM	TO	SPEED FT/MIN	T.C. SEC.	GAMMA RAY SENS. SETTINGS	GAMMA RAY ZERO DIV. OR %	GAMMA RAY API G.R. UNITS PER LOG DIV	NEUTRON T.C. SEC.	NEUTRON SENS. SETTINGS	NEUTRON ZERO DIV. OR %	NEUTRON API N. UNITS PER LOG DIV.
1	0.0	T.D.	20	3.0	100/060	3-R	10	3.0	500/100	2-L	20

REFERENCE LITERATURE: 2 3/8" - NOT CEMENTED

REMARKS: DRILLING CONTRACTOR: WESTERN EXPLORATION

GAMMA RAY DEPTH NEUTRON

CASING COLLARS



T.D. 825.0
K.B. 819.5

T.D. 825.0
K.B. 826.0

W.E. MOORE, INC.
MIDWEST INVESTMENT COMPANY NO. 2
CASS COUNTY, MISSOURI
MARCH 22, 1983