G02318 Permit # 20384

ENERGY RESOURCES, INC.

Paola, Kansas 66071
410 N. Silver
913-294-5050

Lawrence, Kansas 66044
1202 Iowa
913-841-6886

FILING NO.

COMPANY: Bo-Jon Lake Enterprises ~~KERNODLE BROS. GAS & OIL EXPLORATION~~

WELL: NO. 10

FIELD: KERNODLE LEASE

COUNTY: JACKSON, MISSOURI

RECEIVED
DEC 03 1984
MO. OIL & GAS COUNCIL

LOCATION: 435' FSL and 525' FEL

SEC. 10 TWP. 47 N RGE. 33 W

OTHER SERVICES: CCL PERFORATIONS

PERMANENT DATUM: GL ELEV.
LOG MEASURED FROM: GL FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM: GL

ELEV. K.B. N/A
D.F. N/A
G.L. N/A

DATE	8-4-81	8-4-81
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH - DRILLER	340.0	340.0
DEPTH - LOGGER	333.5	333.5
BOTTOM LOGGED INTERVAL	328.0	332.5
TOP LOGGED INTERVAL	10.0	14.5
TYPE FLUID IN HOLE	WATER	WATER
SALINITY, PPM CL		
DENSITY		
LEVEL	FULL	FULL
MAX. REC. TEMP., DEG F		
OPERATING RIG TIME		
RECORDED BY	MORGAN	MORGAN
WITNESSED BY		

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
1				4"		0.0	335.0

EQUIPMENT DATA

	GAMMA RAY	NEUTRON
RUN NO.	1 NW	1 NW
TOOL MODEL NO.	705	NEU/NEU
DIAMETER	1 11/16"	705
DETECTOR MODEL NO.	705-GE	1 11/16"
TYPE	GEIGER	705 HE-3
LENGTH	1 3/8x18"	HE
DISTANCE TO N. SOURCE	5.5	1" x 6"
SOURCE MODEL NO.		71-1
SERIAL NO.		71-1-335G
SPACING		13"
TYPE		AMBE-241
STRENGTH		3 CI

	GENERAL	GENERAL	GENERAL	GENERAL	GENERAL	GENERAL	GENERAL	GENERAL	GENERAL	GENERAL	GENERAL	GENERAL
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED FT/MIN	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0.0	332.5	20	2.0	060/100	2-R	10	3.0	400/500	3-L	20

REFERENCE LITERATURE: 4" - CEMENTED

REMARKS: DRILLING CONTRACTOR: TOWN OIL COMPANY

GAMMA RAY DEPTH NEUTRON CASING COLLARS

M.J.