G02358 Permit # 20382

ENERGY RESOURCES, INC.

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

Lawrence, Kansas 66044
1203 Irvine
913-841-8888

FILING NO.

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

WELL: #8

FIELD: KERNODLE LEASE

COUNTY: JACKSON, MISSOURI

RECEIVED DEC 03 1984 MO. OIL & GAS COUNCIL

LOCATION: 750' FSL + 95' FEL

SEC. 10 TWP. 47 N RGE. 33 ✓

OTHER SERVICES: CCL PERFORATIONS

PERMANENT DATUM: GL ELEV. N/A

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	8-3-81	8-3-81
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH-DRILLER	460.0	460.0
DEPTH-LOGGER	450.7	450.7
BOTTOM LOGGED INTERVAL	445.2	449.7
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				2 3/8"		0.0	451.0

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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"
		71-1
		71-1-335G
		13"
		AMBE-241
		3 CI

	GENERAL	
HOIST TRUCK NO.	0020	
INSTRUMENT TRUCK NO.	0020	
TOOL SERIAL NO.	0002	

LOGGING DATA

RUN NO.	GENERAL DEPTHS FROM	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	450.1	20	4.0	060/100	6-L	10	3.0	400/500	5-L	20

REFERENCE LITERATURE: 2 3/8" - CEMENTED SEATING NIPPLE; 401.0

REMARKS: DRILLING CONTRACTOR: TOWN OIL COMPANY

GAMMA RAY DEPTH NEUTRON CASING COLLARS