G00026

Permit #20125

ENERGY RESOURCES, INC.

Paola, Kansas 66071
P.O. Box 487
913 294 5150

Lawrence, Kansas 66044
1520 Iowa
913 841 8866

FILING NO

COMPANY: Thorn Oil Co. ~~[illegible]~~

WELL: NO. 53 B

FIELD: BEARY LEASE

COUNTY: CASS COUNTY, MISSOURI

LOCATION: 355' FNL 1742.25' FEL

SEC. 4 TWP. 46N RGE. 33W

OTHER SERVICES: CCL

PERMANENT DATUM	G.L.	ELEV.	1061.9
LOG MEASURED FROM	G.L.	FT ABOVE PERM. DATUM	
DRILLING MEASURED FROM	G.L.		

ELEV. K.B. NA
D.F. NA
G.L. 1061.9

DATE	1-17-81	1-17-81	
RUN NO	1 NW	1 NW	
TYPE LOG	GAMMA RAY	NEUTRON	
DEPTH-DRILLER	630.0	630.0	
DEPTH-LOGGER	629.0	629.0	
BOTTOM LOGGED INTERVAL	623.5	628.0	
TOP LOGGED INTERVAL	150.0	194.5	
TYPE FLUID IN HOLE	WATER	WATER	
SALINITY, PPM Cl			
DENSITY			
LEVEL	FULL	FULL	
MAX REC. TEMP. DEG F			
OPERATING REC TIME			
RECORDED BY	MORGAN	MORGAN	
WITNESSED BY			

RECEIVED
JUN 0 1 1981
MO. OIL & GAS COUNCIL

RUN NO	BIT	FROM	TO	SIZE	WGT	FROM	TO
	7"	0.0	21.0	4"		0.0	630.85
	6¼"	21.0	630.0				

BORE-HOLE RECORD / CASING RECORD

EQUIPMENT DATA

	GAMMA RAY	NEUTRON
RUN NO	1 NW	1 NW
TOOL MODEL NO	705	705
DIAMETER	1 11/16"	1 11/16"
DETECTOR MODEL NO	105-08	105-BE-3
TYPE	3/8 x 1"	BF
LENGTH	4.5'	2" x 6"
DISTANCE TO SOURCE		72-1-335 D
SOURCE MODEL NO		71-1-335 D
SOURCE STRENGTH		13 m
SPACING		AMBE-241
TYPE		3 CI
SENSITIVITY		

GENERAL: 0020 / 0002

LOGGING DATA

	GAMMA RAY	NEUTRON
SPEED FT/MIN	20	20
T.C. SEC.	4.0	4.0
SENS. SETTINGS	100/015	500/100
DIV / CM #	2 R	10
AVG & UNITS PER LOG DIV		4 L
AVG & UNITS PER CM LOG DIV		20

RUN NO	FROM	TO
1	0	T.D.

REFERENCE LITERATURE: N - CENTERED

REMARKS: DRILLING CONTRACTOR: H & H DRILLING INC.

GAMMA RAY DEPTH NEUTRON

CASING COLLARS