G00019

Permit #20100

ENERGY RESOURCES, INC.

Paola, Kansas 66071
P. O. Box 487
913 294-5090

Lawrenceville, Illinois 62284
1709 Lowe
618-943-5880

FILING NO.

COMPANY: Tenn Oil Co. ~~ENERGY RESOURCES, INC.~~

WELL: NO. 58 A

FIELD: BEARY LEASE

COUNTY: CASS COUNTY, MISSOURI

LOCATION: 165' FNL 1212.25' FEL

SEC. 4 TWP. 46N RGE. 33W

OTHER SERVICES: CCL

PERMANENT DATUM	G.L.	ELEV. 1070.0	ELEV. K.B. NA
LOG MEASURED FROM	G.L.	FT. ABOVE PERM. DATUM	D.F. NA
DRILLING MEASURED FROM	G.L.		G.L. 1070.0

DATE	1-17-81	1-17-81
RUN NO.	1 BW	1 BW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH-DRILLER	640.0	640.0
DEPTH-LOGGER	626.5	626.5
BOTTOM LOGGED INTERVAL	621.0	625.5
TOP LOGGED INTERVAL	150.0	154.5
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		MO. OIL & GAS COUNCIL

RECEIVED
JUN 04 1981

BORE HOLE RECORD

RUN NO.	BIT	FROM	TO
	7 7/8"	0.0	21.7
	6 3/4"	21.7	640.0

CASING RECORD

SIZE	WGT.	FROM	TO
4"		0.0	629.55

EQUIPMENT DATA

GAMMA RAY	NEUTRON
RUN NO. 1 BW	RUN NO. 1 BW
TOOL MODEL NO. 7-5	TOOL MODEL NO. 7005/7800
DIAMETER 1 11/16"	DIAMETER 1 11/16"
DETECTOR MODEL NO. 7005-GRS	DETECTOR MODEL NO. 7005-NDS
DIAMETER 1 11/16"	DIAMETER 1 11/16"
LENGTH 1 3/8" x 18"	LENGTH 1" x 6"
DISTANCE TO W. SOURCE 4.5	SOURCE MODEL NO. 7-1-335 G
	SOURCE SERIAL NO. 13"
	SPACING ARES-2&3
	TYPE 3 CU
	DETENTION
HOIST TRUCK NO. 0020	
HOIST CABLE NO. 0005	
TOOL SERIAL NO. 0002	

LOGGING DATA

GENERAL					GAMMA RAY				NEUTRON			
RUN NO.	FROM	TO	SPEED FT./MIN.	T.C. SEC.	SENS. SETTINGS	AP & A UNITS PER DIV.	TIME CONST. SEC.	PER LOG DIV.	SENS. SETTINGS		TIME CONST. SEC.	AP & UNITS PER DIV.
1	0	T.D.	20	4.0	100/075	3 R	10		4.0 500/100		4 L	20

REFERENCE (EXTRA LINE) 4" - CEMENTED

REMARKS: DRILLING CONTRACTOR: H & H DRILLING INC.

GAMMA RAY DEPTH NEUTRON

CASING COLLARS