G00017

Permit #20103

ENERGY RESOURCES, INC.

RECEIVED

JUN 25 1981

MO. OIL & GAS COUNCIL

FILING NO.	
COMPANY	Tauon Oil Co. ~~EMERY ENERGY, INC.~~
WELL	NO. 58 E
FIELD	BEARY LEASE
COUNTY	CASS COUNTY, MISSOURI
LOCATION	933.89' FNL 1212.25' FEL
SEC.	4
TWP.	46N (~~4?N~~)
RGE.	33W
OTHER SERVICES	CCL

PERMANENT DATUM	G.L.	ELEV.	1074.1
LOG MEASURED FROM	G.L.	FT. ABOVE PERM. DATUM	
DRILLING MEASURED FROM	G.L.		
ELEV. K.B.	NA		
D.F.	NA		
G.L.	1074.1		

DATE	1-17-81	1-17-81	
RUN NO.	1 NW	1 NW	
TYPE LOG	GAMMA RAY	NEUTRON	
DEPTH—DRILLER	640.0	640.0	
DEPTH—LOGGER	624.3	624.3	
BOTTOM LOGGED INTERVAL	618.8	623.3	
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	HURST	HURST	

RUN	BORE-HOLE RECORD			CASING RECORD			
NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
	8"	0.0	20.0	4"		0.0	626.9
	6¼"	20.0	640.0				

FOLD HERE

THIS HEADING AND LOG CONFORMS TO API RP 33

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 3/8" x 18"		TYPE	HE	
DISTANCE TO N. SOURCE	4.5		LENGTH	1" x 6"	
GENERAL			SOURCE MODEL NO.	71-1	
HOIST TRUCK NO.	0020		SERIAL NO.	71-1-335 G	
INSTRUMENT TRUCK NO.	0020		SPACING	13"	
TOOL SERIAL NO.	0002		TYPE	AMBE-241	
			STRENGTH	3 CI	

LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
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	T.D.	20	4.0	100/075	2 R	10	4.0	500/100	4L	20

REFERENCE LITERATURE: 4" - CEMENTED

REMARKS: DRILLING CONTRACTOR: H & H DRILLING INC.

GAMMA RAY DEPTH NEUTRON

CASING COLLARS