G00002

Permit # 20120

ENERGY RESOURCES, INC.

Drawer Kansas 66017
P.O. Box 442
913 234-5090

Lawrence Kansas 66044
1310 Iowa
913 841-2600

RECEIVED

JUN 25 1981

MO. OIL & GAS COUNCIL

FILING NO.	
COMPANY	Thum Oil Co. ~~HEARY ENERGY, INC.~~
WELL	NO. 55 D
FIELD	HEARY LEASE
COUNTY	CASS COUNTY, MISSOURI
LOCATION	737.8 FNL 1542.25 FEL
SEC. 4	TWP. 46N RGE. 33W
OTHER SERVICES	CCL

PERMANENT DATUM	G.L.	ELEV.	1064.0
LOG MEASURED FROM	G.L.	FT. ABOVE PERM. DATUM	ELEV. K.B. NA
DRILLING MEASURED FROM	G.L.		D.F. NA
			G.L. 1064.0

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	627.4	627.4
BOTTOM LOGGED INTERVAL	621.9	626.4
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		

BORE-HOLE RECORD				CASING RECORD				
RUN NO.	BIT	FROM	TO	SIZE	WGT	FROM	TO	
	9"	0.0	22.8	4"		0.0	628.05	
	6¼"	22.8	640.0					

EQUIPMENT DATA

	GAMMA RAY	NEUTRON
RUN NO.	1 NW	1 NW
TOOL MODEL NO.	705	NSU/NEU
DIAMETER	7 1/16"	705 7/16"
DETECTOR MODEL NO.	GRI-GRH	705 NE-3
TYPE	1 3/8" x 18"	HE
LENGTH	4.5	7 x 6"
DISTANCE TO N. SOURCE		72-1-335 G
SOURCE MODEL NO.		72-1-335 G
SERIAL NO.	0020	13"
SPACING	0000	1-1-2-2-81
STRENGTH	0002	3 CI
HOIST TRUCK NO.		
TOOL TRUCK NO.		
TOOL SERIAL NO.		

LOGGING DATA

RUN NO.	GENERAL DEPTH FROM	TO	SPEED FT. MIN.	T.C. SEC.	SENS. SETTINGS	GAMMA RAY DIV. / CM.	AP. OR UNITS PER LOG DIV.	T.C. SEC.	SENS. SETTINGS	NEUTRON DIV. / CM.	AP. N. UNITS PER LOG DIV.
1	0	T.D.	20	4.0	100/075	2.8	10	4.0	500/300	4.L	20

REFERENCE LITERATURE: 4" - CENSORED

REMARKS: DRILLING CONTRACTOR: H & H DRILLING INC.

GAMMA RAY DEPTH NEUTRON

CASING COLLARS