G00140 Permit # 20211

ENERGY RESOURCES, INC.

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913-294-5050

Lawrence, Kansas 66044
1203 Iowa
913-841-8886

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FILING NO.

COMPANY: CLARK S. RHODEN
WELL: ENGLEVALE 73-C
FIELD: ENGLEVALE
COUNTY: JACKSON, MISSOURI

LOCATION: 975' FSL + 1155' FEL
SEC. 25 TWP. 47 RGE. 33

OTHER SERVICES:
CCL
PERFORATE

PERMANENT DATUM: GL ELEV. ______
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	3-19-81	3-19-81	3-19-81
RUN NO.	1 NW	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON	PERFORATE
DEPTH—DRILLER			522-530
DEPTH—LOGGER	638.0	638.0	
BOTTOM LOGGED INTERVAL	633.5	637.0	
TOP LOGGED INTERVAL	0.0	0.0	
TYPE FLUID IN HOLE	WATER	WATER	WATER
SALINITY, PPM CL.			
DENSITY			
LEVEL	FULL	FULL	FULL
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME			
RECORDED BY	NEWMAN	NEWMAN	NEWMAN
WITNESSED BY			

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				4 1/2		0	T.D.

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-GR	DIAMETER	1 11/16"
TYPE	GEIGER	DETECTOR MODEL NO.	705 NE-3
LENGTH	1 3/8x18"	TYPE	HE
DISTANCE TO N. SOURCE	4.5	LENGTH	1"x6"
GENERAL		SOURCE MODEL NO.	71-1
HOIST TRUCK NO.	0020	SERIAL NO.	71-1-3350
INSTRUMENT TRUCK NO.	0020	SPACING	13"
TOOL SERIAL NO.	0002	TYPE	AMBE-241
		STRENGTH	3 CI

LOGGING DATA

RUN NO.	DEPTH FROM	DEPTH TO	SPEED FT/MIN.	GAMMA RAY T.C. SEC.	SENS. SETTINGS	ZERO DIV. L OR R	API G.R. UNITS PER LOG DIV.	NEUTRON T.C. SEC.	SENS. SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0	T.D.	20	2	100/3	2-L	10	1	500/3	3-L	20

REFERENCE LITERATURE:

REMARKS:

GAMMA RAY DEPTH NEUTRON CASING COLLARS