G00049 Permit # 20096

ENERGY RESOURCES, INC.

Paola, Kansas 66071
P. O. Box 467
913-294-5060

Lawrence, Kansas 66044
1203 Iowa
913-841-8886

RUNG NO.

COMPANY: TOWN OIL COMPANY
WELL: NO. 2 W
FIELD: WALTON LEASE
COUNTY: CASS COUNTY, MISSOURI

LOCATION: 330' NL 2635' EL
SEC 4 TWP 46N RGE 33W

OTHER SERVICES: CCL

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

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

DATE	1-21-81	1-21-81
RUN NO	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH-DRILLER	620.0	620.0
DEPTH-LOGGER	597.4	597.4
BOTTOM LOGGED INTERVAL	591.9	596.4
TOP LOGGED INTERVAL	350.0	354.5
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		

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
	8 5/8"	0.0	20.0	2"		0.0	603.0
	5 1/4"	20.0	603.0				

RECEIVED
MAR 17 1981
MO. OIL & GAS COUNCIL

THIS HEADING AND LOG CONFORMS TO API RP 33

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EQUIPMENT DATA

	GAMMA RAY	NEUTRON
RUN NO	1 NW	1 NW
TOOL MODEL NO	705	705
DIAMETER	1 31/16"	1 31/16"
DETECTOR MODEL NO	705-GR	705-HE-3
TYPE	GEIGER	HE
LENGTH	1 3/8" x 18"	1" x 6"
DISTANCE TO IN SOURCE	4.5	71-1
SOURCE MODEL NO		71-1-335 G
SERIAL NO		13"
SPACING		AMBE-241
TYPE		3 CI
STRENGTH		
GENERAL	0020	
HOIST TRUCK NO	0020	
INSTRUMENT TRUCK NO	0002	
TOOL SERIAL NO		

LOGGING DATA

	GAMMA RAY	NEUTRON
RUN NO	1	
GENERAL DEPTHS FROM	0	
GENERAL DEPTHS TO	T.D.	
SPEED FT/MIN	20	
T.C. SEC.	4.0	
SENS. SETTINGS	100/075	
API G.R. UNITS DIV. LOG #	3 R	
PER LOG DIV.	10	
T.C. SEC.	4.0	4.0
SENS. SETTINGS		500/100
NEUTRON ZERO DIV. LOG #		5 L
API N. UNITS PER LOG DIV.		20

REFERENCE LITERATURE: 2" - CEMENTED

REMARKS: DRILLING CONTRACTOR: COMPANY TOOLS

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GAMMA RAY NEUTRON

DEPTH

CASING COLLARS