G00047

Permit # 20134

ENERGY RESOURCES, INC.

Paola, Kansas 66071
P. O. Box 467
913-294-5050

Lawrence, Kansas 66044
1200 Iowa
913-841-8886

FILING NO.

COMPANY: TOWN OIL COMPANY

WELL: NO. 24

FIELD: WALTON LEASE

COUNTY: CASS COUNTY, MISSOURI

LOCATION: SEC 4 TWP 46N RGE 33W

OTHER SERVICES: CCL

PERMANENT DATUM	G.L.	ELEV. NA	ELEV. K.B. NA
LOG MEASURED FROM	G.L.	FT. ABOVE PERM. DATUM	D.F. NA
DRILLING MEASURED FROM	G.L.		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	616.3	616.3
BOTTOM LOGGED INTERVAL	610.5	615.3
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"			618.65
	5 1/4"	20.0	620.0				

RECEIVED
MAR 17 1981
MO. OIL & GAS COUNCIL

FOLD HERE

EQUIPMENT DATA

	GAMMA RAY	NEUTRON
RUN NO.	1 NW	1 NW
TOOL MODEL NO.	705	NEU/NEU
LOG TYPE		705
DIAMETER	1 11/16"	1 11/16"
DETECTOR MODEL NO.	705-GE	705 HE-3
TYPE	GEIGER	HE
LENGTH	1 3/8" x 18"	1" x 6"
DISTANCE TO N. SOURCE	4.5	71-1
SOURCE MODEL NO.		71-1-335 G
SERIAL NO.		13"
SPACING		AMBE-211
TYPE		3 CI
STRENGTH		

GENERAL

MOBILE TRUCK NO.	0020
INSTRUMENT TRUCK NO.	0020
TOOL SERIAL NO.	0002

LOGGING DATA

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

REFERENCE LITERATURE: 2" - CEMENTED

REMARKS: DRILLING CONTRACTOR: COMPANY TOOLS

GAMMA RAY NEUTRON DEPTH

CASING COLLARS