G00193

Permit # 30123

ENERGY RESOURCES, INC.

Pratt Kansas 66071
913-294-5100

Lawrence, Kansas 66044
1205 Vermont
913 841 3846

RUN NO.

COMPANY: HUGOTON DEVELOPMENT COMPANY

WELL: NO. 56 A

FIELD:

COUNTRY: JACKSON CO., MISSOURI

LOCATION: SW 160.0 INT. 548.0 WEST

SEC 33 TWP 47 RGE 33

Corrected 10-2-92

OTHER SERVICES:

PERMANENT DATUM: G.L. ELEV. 1067'

LOG MEASURED FROM: G.L. FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM: G.L.

ELEV.: K.B.

D.F.

G.L.

DATE	6-13-80	6-13-80
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH-DRILLER		
DEPTH-LOGGER	600.3	601
BOTTOM LOGGED INTERVAL	595.8	600.3
TOP LOGGED INTERVAL	0.0	0.5
TYPE FLUID IN HOLE	WATER	WATER
SALINITY PPM Cl.		
DENSITY		
LEVEL	FULL	FULL
MAX. REC. TEMP. DEG F		
OPERATING RIG TIME		
RECORDED BY	R. PRATT	R. PRATT
WITNESSED BY	D. CONTINGUIN	D. CONTINGUIN

RELEASED

SEP 1 - 1980

MO. OIL & GAS COUNCIL

BOREHOLE RECORD

RUN NO.	BIT NO.	FROM	TO	SIZE	WGHT.	CASING RECORD FROM	TO
				4"		0	2.0

EQUIPMENT DATA

GAMMA RAY

RUN NO.	1 NW
TOOL MODEL NO.	705
GAMMA RAY DETECTOR MODEL NO.	705-7A
TOOL SERIAL NO.	705-7A
TYPE	2-1/8"
DETECTOR TO G. MIDPOINT	24"
DETECTOR	
HIGH TRACE NO.	0000
LOW TRACE NO.	0000
TOOL SERIAL NO.	0000

NEUTRON

RUN NO.	1 NW
TOOL MODEL NO.	705
NEUTRON DETECTOR MODEL NO.	705-7A
TOOL SERIAL NO.	705-7A
TYPE	2-1/8"
DETECTOR TO G. MIDPOINT	24"
DETECTOR	
HIGH TRACE NO.	0000
LOW TRACE NO.	0000
TOOL SERIAL NO.	0000

LOGGING DATA

	GAMMA RAY					NEUTRON				
	SPEED FT/MIN.	TC SEC.	SENS. APPROX.	GAMMA RAY SCALE CPM	API UNITS PER DIV.	SPEED FT/MIN.	TC SEC.	SENS. APPROX.	API UNITS PER DIV.
	30	2.0	1/20	100	20	30	2.0	1000/200	20
	30	2.0	1/20	100	20	30	2.0	1000/200	20

REFERENCE LINE/TIME: 2.4 - NOT CORRECTED

REMARKS: COLLARED CONTINUOUS - HUGOTON DEVELOPMENT COMPANY

GAMMA RAY API UNITS

DEPTH AND CASING COLLARS

NEUTRON API UNITS