GUC 90

Permit #20129

ENERGY RESOURCES, INC.

COMPANY	OCCIDENTAL INVESTMENT COMPANY
WELL	NO. 51A
FIELD	(NO. 1 DRILLED)
COUNTY	JACKSON CO., MISSOURI
LOCATION	SE SW
	SEC 33 TWP 47N RGE 33W
	165' NSL 1868' WEL
PERMANENT DATUM	G.L. ELEV. 1055
LOG MEASURED FROM	G.L.
DRILLING MEASURED FROM	G.L.
DATE	6-3-80
RUN NO.	1 BW
TYPE LOG	GAMMA RAY
DEPTH-DRILLER	591.9
DEPTH-LOGGER	592.9
BOTTOM LOGGED INTERVAL	3.0
TYPE FLUID IN HOLE	WATER
LEVEL	FULL
RECORDED BY	B. HEATH
WITNESSED BY	D. MORGAN

BOREHOLE RECORD				CASING RECORD			
RUN NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
				2¾"		0	T.D.

RELEASED

SEP 15 1980

MO. OIL & GAS COUNCIL

THIS HEADING AND LOG CONFORMS TO API RP 31

EQUIPMENT DATA

GAMMA RAY			NEUTRON		
RUN NO.	1 BW		RUN NO.		
TOOL MODEL NO.	705		LOG TYPE		
DIAMETER	1 11/16"		TOOL MODEL NO.		
DETECTOR MODEL NO.	705-02		DIAMETER		
TYPE	[illegible]		DETECTOR MODEL NO.		
LENGTH	1 3/8" x 10"		TYPE		
DISTANCE TO N. SOURCE	4.5		LENGTH		
			SOURCE MODEL NO.		
GENERAL			SERIAL NO.		
HOIST TRUCK NO.	0020		SPACING		
INSTRUMENT TRUCK NO.	0020		TYPE		
TOOL SERIAL NO.	0002		STRENGTH		

LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED FT/MIN	T.C. SEC.	SENS. SETTINGS	ZERO DIV. L OR R	API G.R. UNITS PER LOG DIV	T.C. SEC.	SENS SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV
1	0	T.D.	30	2.0	100/110	1 R	10				

REFERENCE LITERATURE: 2¾" - CEMENTED

REMARKS: DRILLING CONTRACTOR: MCGOWN DRILLING COMPANY

GAMMA RAY — API UNITS | DEPTH AND CASING COLLARS | NEUTRON — API UNITS

T.D. 591.9
DRLR. 592.9

NO. 51A
OCCIDENTAL INVESTMENT COMPANY
JACKSON CO., MISSOURI
JUNE 3, 1980