ENERGY RESOURCES, INC.

Pleasanton, Kansas 66075
913-294-5028

Lawrence, Kansas 66044
1505 Iowa
913-843-6686

FILING NO.

COMPANY CARMEL ENERGY INC. [redacted]

WELL C.E.I. NO. 145

FIELD IDA FAUVEROUE

COUNTRY VERNON CO., MISSOURI

LOCATION: 896.0 FSL
276.7 FWL

SEC 33 TWP 35N RGE 33W

OTHER SERVICES:

PERMANENT DATUM: G.L. ELEV. 838.0
LOG MEASURED FROM: G.L. FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM: G.L.

ELEV.: K.B.
D.F.
G.L. 838.0

DATE	6-9-80	6-9-80	
RUN NO.	1 NW	1 NW	
TYPE LOG	GAMMA RAY	NEUTRON	
DEPTH—DRILLER			
DEPTH—LOGGER	182.0	182.0	
BOTTOM LOGGED INTERVAL	176.5	181.0	
TOP LOGGED INTERVAL	0.0	4.5	
TYPE FLUID IN HOLE	WTR/OIL	WTR/OIL	
SALINITY, PPM CL			
DENSITY			
LEVEL	9.0	9.0	
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME			
RECORDED BY	E. PRATT	E. PRATT	
WITNESSED BY	V. YOUNG	V. YOUNG	

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				O/H		0	T.D.

OCT 0 6 1980
MO. OIL & GAS COUNCIL

FOLD HERE

THIS HEADING AND LOG CONFORMS TO API RP 33

EQUIPMENT DATA

	GAMMA RAY	NEUTRON
RUN NO.	1 NW	1 NW
TOOL MODEL NO.	705	705
DIAMETER	1 11/16"	1 11/16"
DETECTOR MODEL NO.	705-GR	705 NEUTRON
TYPE	GRT GEIGER	BF
LENGTH	1 3/8 x 18"	1 3/8 x 6"
DISTANCE TO NL SOURCE	4.5	4.5
SOURCE MODEL NO.		1 Ra 226
SERIAL NO.		71-5-135
SPACING		11"
TYPE		AMERICIUM
STRENGTH		5 CI

LOGGING DATA

GENERAL				GAMMA RAY					NEUTRON		
RUN NO.	DEPTHS FROM	TO	SPEED FT/MIN.	T.C. SEC.	SENS. SETTINGS	ZERO DIV. LOG B	API G.B. UNITS PER LOG DIV.	T.C. SEC.	SENS. SETTINGS	DIV. LOG	API G.B. UNITS PER LOG DIV.
1	0	182	30	2	100/100	3.8	10				

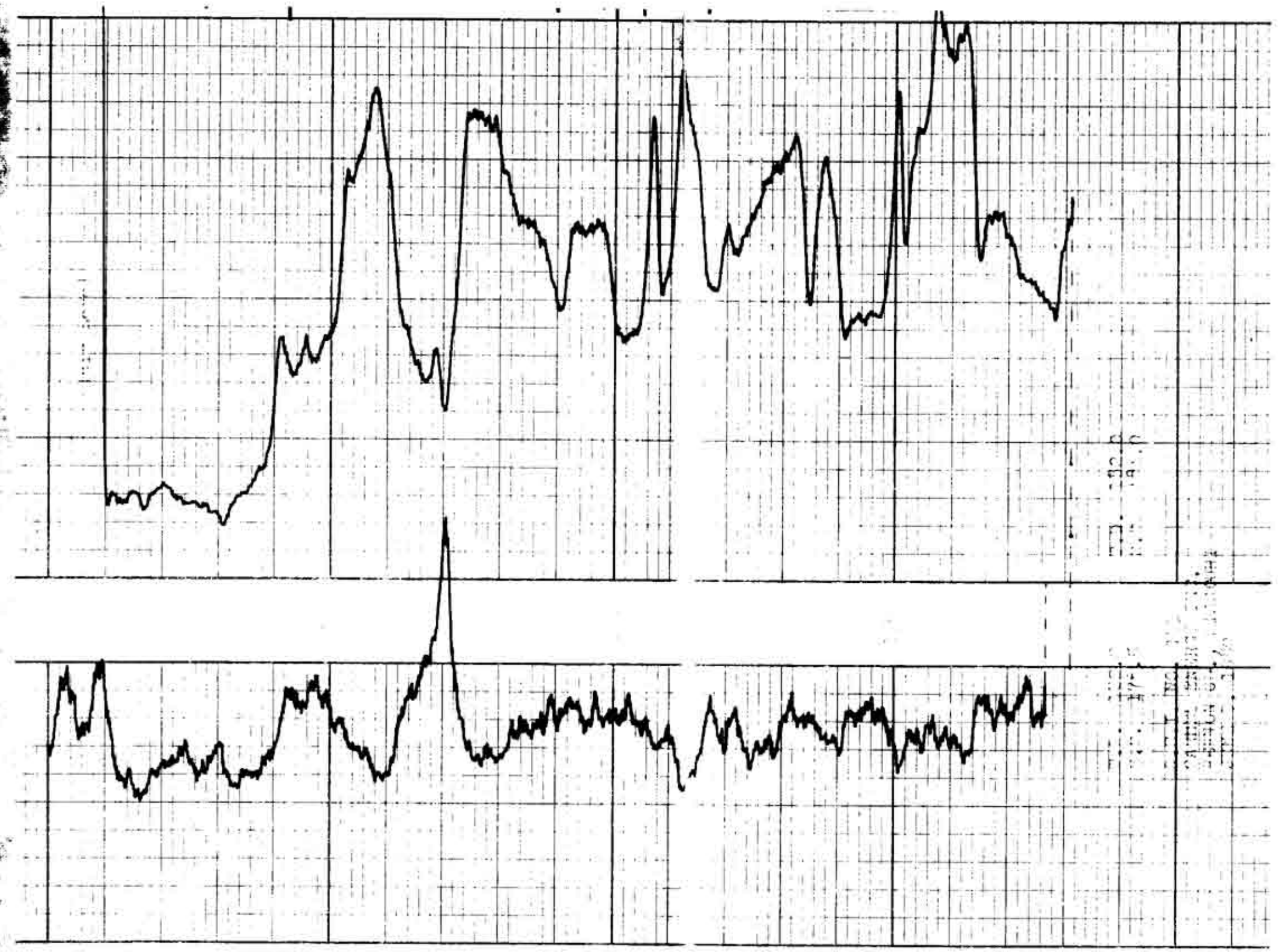
REFERENCE LITERATURE: OPEN HOLE - NOT CEMENTED

REMARKS: DRILLING CONTRACTOR: LAYNE-WESTERN COMPANY

GAMMA RAY

DEPTH AND CASING

NEUTRON

API UNITS

API UNITS