G00872

Permit 9-28-80

ENERGY RESOURCES, INC.

Pratt, Kansas 67071

Lawrence, Kansas 66044

1203 Pomona

913-841-3600

FILING NO.

COMPANY CARMEL ENERGY INC.

WELL IF NO. 28

FIELD IDA FAUVERGUE (B)

COUNTY VERNON - MISSOURI

LOCATION: 1345.0 FSL 1765.0 FWL

SEC 34 TWP 36N RGE 33W

OTHER SERVICES:

PERMANENT DATUM G.L. ELEV. 766.2

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

DRILLING MEASURED FROM G.L.

ELEV.: K.B. D.F. G.L. 766.2

DATE	9-27-80	9-27-80	
RUN NO.	1 NW	1 NW	
TYPE LOG	GAMMA RAY	NEUTRON	
DEPTH—DRILLER	141.0	141.0	
DEPTH—LOGGER	139.9	139.9	
BOTTOM LOGGED INTERVAL	134.9	138.9	
TOP LOGGED INTERVAL	4.0	8.5	
TYPE FLUID IN HOLE	WATER	WATER	
SALINITY, PPM CL		[redacted]	
DENSITY			
LEVEL	10.0	10.0	[redacted]
MAX. REC. TEMP., DEG F			
OPERATING RIG TIME			
RECORDED BY	PRATT	PRATT	
WITNESSED BY			

RUN NO	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				8 5/8		0	T.D.

OCT 02 1980

MO. OIL & GAS COUNCIL

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EQUIPMENT DATA

	GAMMA RAY	NEUTRON
RUN NO.	1 NW	1 NW
LOG TYPE		MEU/DEU
TOOL MODEL NO.	705	705
DIAMETER	1 11/16"	1 11/16"
DETECTOR MODEL NO.	705-GR	705 HR-3
TYPE	GEIGER	HR
LENGTH	1 3/8" x 18"	1" x 6"
DISTANCE TO N. SOURCE	4.5	71-1
SOURCE MODEL NO.		71-1-339
SERIAL NO.		13"
SPACING		AMBE-241
TYPE		3 CI
STRENGTH		

GENERAL

HOIST TRUCK NO	C020
INSTRUMENT TRUCK NO	0020
TRUCK SERIAL NO.	0002

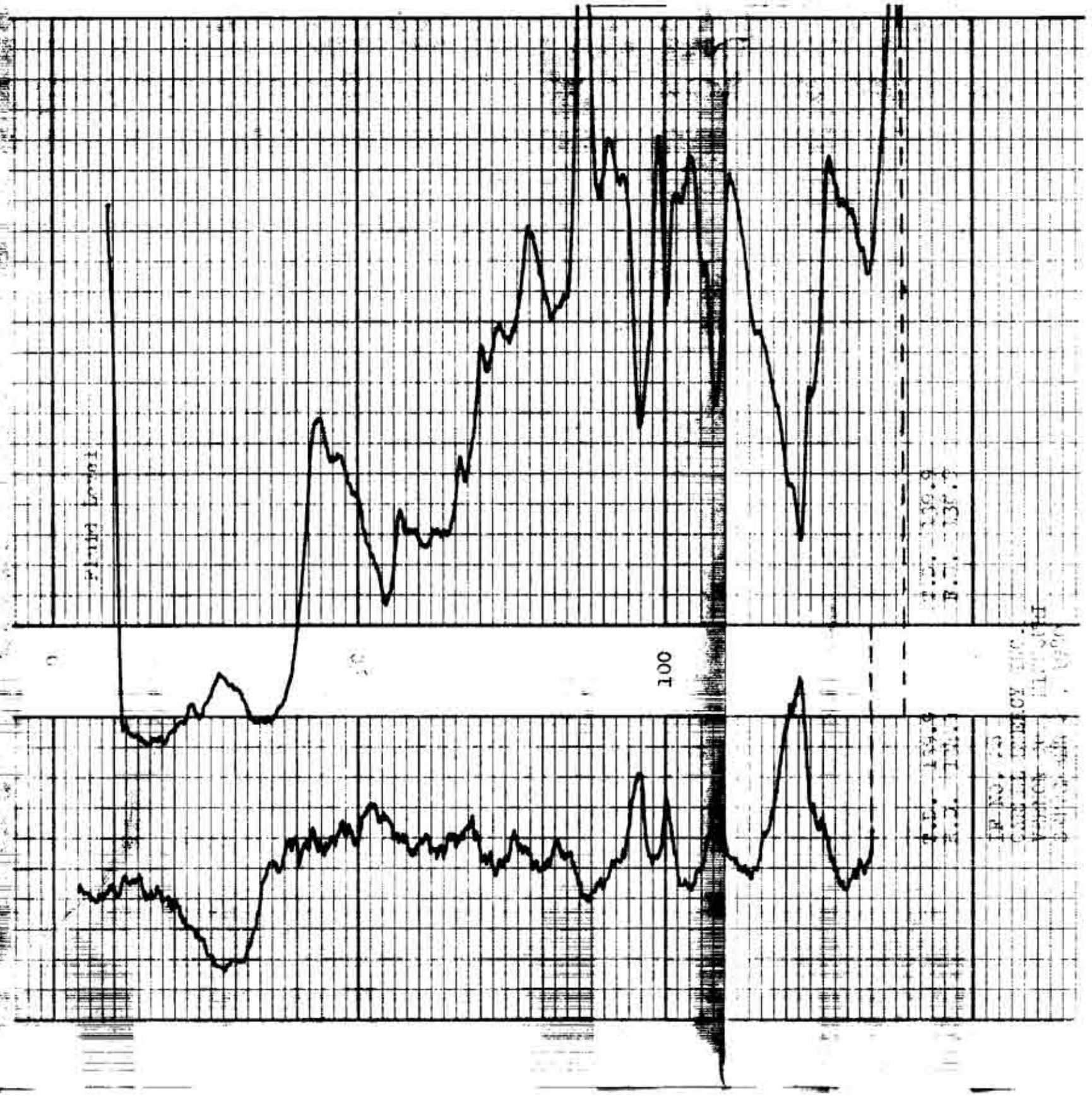
LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON		
RUN NO.	DEPTHS FROM	TO	SPEED FT/MIN	T.C. SEC.	SENS. SETTINGS	ZERO DIV. I OR II	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS. SETTINGS	ZERO DIV. I OR II	API N. UNITS PER LOG DIV.
1	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.0	500/100	8	20

REFERENCE LITERATURE: OPENHOLE - NOT CEMENTED

REMARKS: DRILLING CONTRACTOR: LAYNE-WESTERN COMPANY

GAMMA RAY NEUTRON

DEPTH

CASING COLLARS