ENERGY RESOURCES, INC.

Paola, Kansas 66071
913-294-5050

Lawrence, Kansas 66046
1208 Iowa
913-841-8886

FILING NO.

COMPANY CARMEL ENERGY INC. [redacted]

WELL C.E.I. NO. 139

FIELD IDA FAUVERGUE

COUNTRY VERNON CO., MISSOURI

LOCATION 165 FWL
1080 FSL

SEC 33 TWP 35N RGE 33W

OTHER SERVICES

PERMANENT DATUM: G.L. ELEV. 835.7

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

DRILLING MEASURED FROM G.L.

ELEV.: K.B. D.F. G.L. 835.7

DATE	5-7-80	5-7-80
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER		
DEPTH—LOGGER	179.5	179.5
BOTTOM LOGGED INTERVAL	174.0	178.5
TOP LOGGED INTERVAL	0.0	4.5
TYPE FLUID IN HOLE	WTR/OIL	WTR/OIL
SALINITY, PPM CL		
DENSITY		
LEVEL	12.5	12.5
MAX. REC. TEMP., DEG F.		
OPERATING RIG TIME		
RECORDED BY	E. PRATT	E. PRATT
WITNESSED BY	V. YOUNG	V. YOUNG

BORE-HOLE RECORD

RUN NO.	BIT	FROM	TO

CASING RECORD

SIZE	WGT.	FROM	TO
O/H		0	T.D.

[illegible] 1 0 6 1980

NO. OF 6 GAS COMPANY

FOLD HERE

THIS HEADING AND LOG CONFORMS TO API RP 33

EQUIPMENT DATA

GAMMA RAY			NEUTRON		
RUN NO.	1 NW		RUN NO.	1 NW	
[illegible]	[illegible]		LOG TYPE	[illegible]	
[illegible]	[illegible]		TOOL MODEL NO.	705	
[illegible] MODEL NO.	[illegible]		DIAMETER	[illegible]	
TYPE	[illegible]		DETECTOR MODEL NO.	705 [illegible]	
[illegible]	1 3/8" x 18"		TYPE	HE	
[illegible] SOURCE	4.5		DIAMETER	1" x 6"	
[illegible]			SOURCE MODEL NO.	71-1	
[illegible]			SERIAL NO.	71-1-335	
[illegible]	[illegible]		SPACING	13"	
[illegible]	[illegible]		TYPE	[illegible]	
[illegible]	[illegible]		STRENGTH	3 CI	

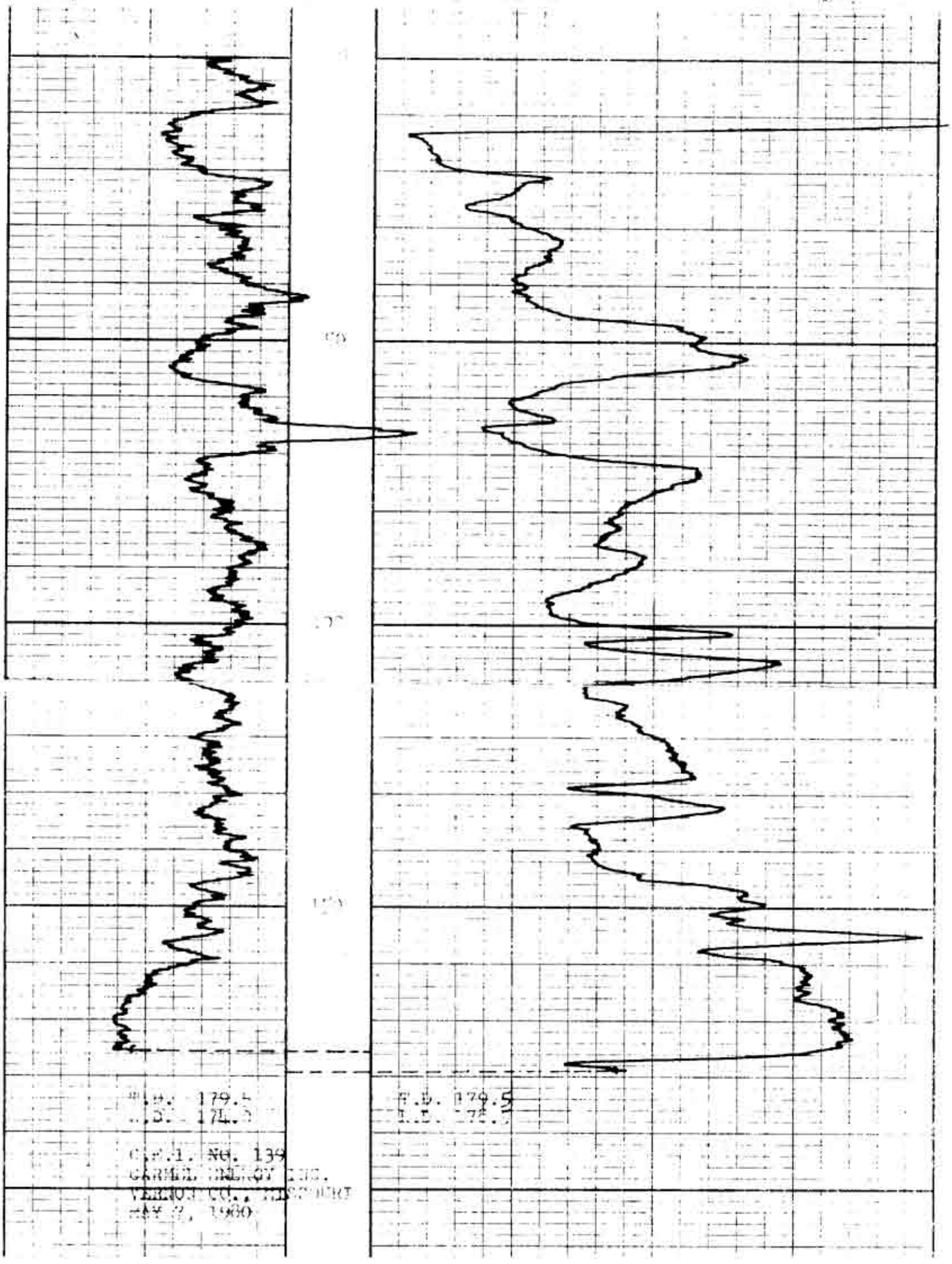
LOGGING DATA

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.
[illegible]	[illegible]	[illegible]	30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	500/[illegible]	[illegible]	20

[illegible] OPEN HOLE - NOT CEMENTED

[illegible] DRILLING CONTRACTOR: LAYNE-WESTERN COMPANY

GAMMA RAY — API UNITS

DEPTH AND CASING

NEUTRON — API UNITS