ENERGY RESOURCES, INC.

Paola, Kansas 66071
913-294-5050

Lawrence, Kansas 66044
1203 Iowa
913-841-8886

FILING NO.

COMPANY CARMEL ENERGY, INC. [redacted]

WELL C.E.I. 55A

FIELD IDA FAUVEROUE

COUNTRY VERNON CO., MISSOURI

LOCATION: 2036'NL 585'WL

SEC 33 TWP 35N RGE 33W

OTHER SERVICES:

PERMANENT DATUM G.L. ELEV. 790

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

DRILLING MEASURED FROM G.L.

ELEV.: K.B.

D.F.

G.L.

DATE	5-2-80	5-2-80
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH-DRILLER	125.0	125.0
DEPTH LOGGER	122.2	122.2
BOTTOM LOGGED INTERVAL	116.7	121.2
TOP LOGGED INTERVAL	0.0	4.5
TYPE FLUID IN HOLE	WATER/OIL	WATER/OIL
SALINITY, PPM CL		
DENSITY		
LEVEL	FULL	FULL
MAX. REC. TEMP., DEG F.		
ELEVATING RIG TIME		
RECORDED BY	E. PRATT	E. PRATT
WITNESSED BY	V. YOUNG	V. YOUNG

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

OCT 06 1980

MO. OIL & GAS COUNCIL

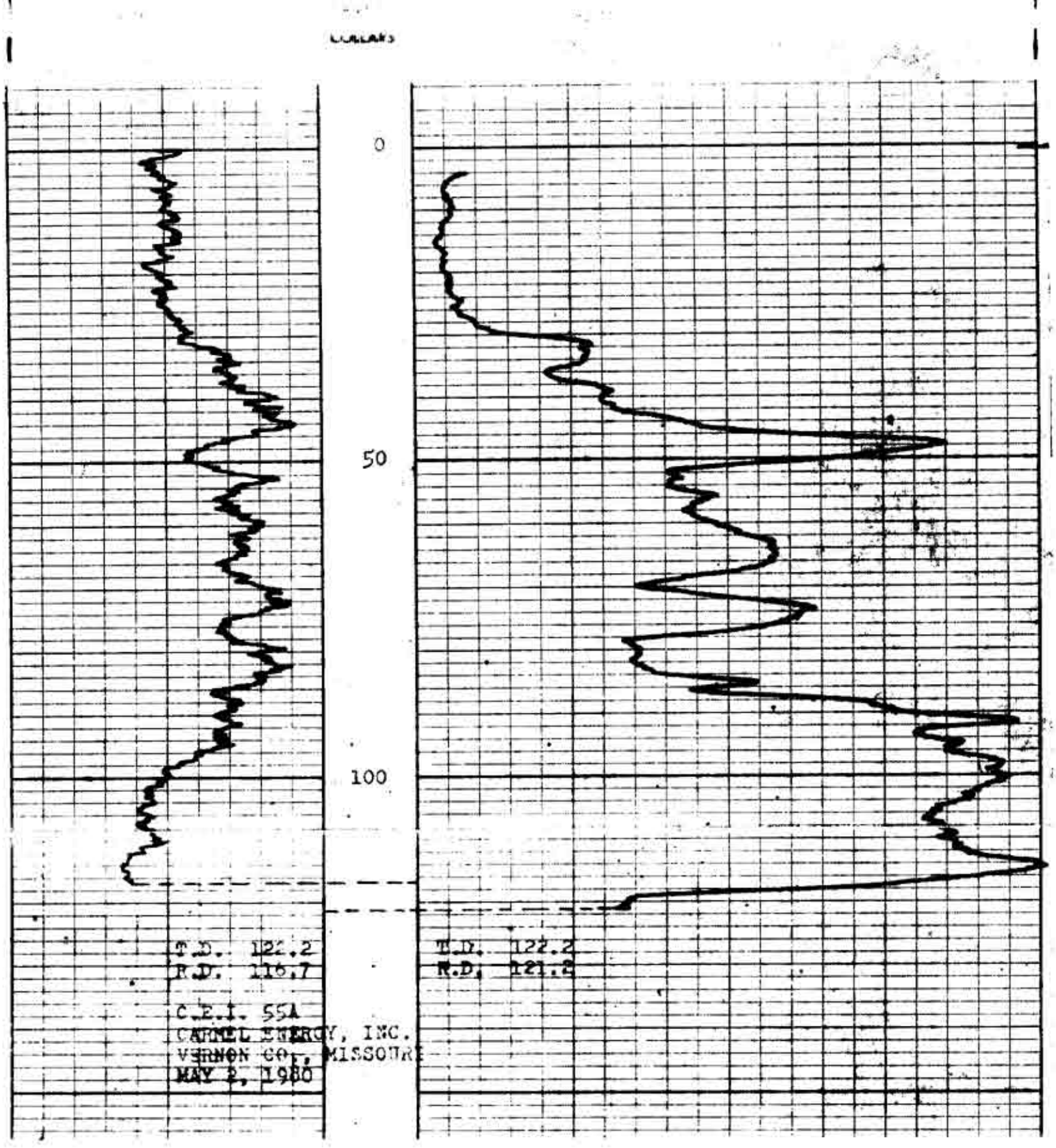
CONFORMS TO API RP 33

EQUIPMENT DATA

GAMMA RAY			NEUTRON		
RUN NO.	1 NW		RUN NO.	1 NW	
TOOL MODEL NO.	705		LOG TYPE	[illegible]	
DIAMETER	1 11/16"		TOOL MODEL NO.	[illegible]	
DETECTOR MODEL NO.	705-GR		DIAMETER	[illegible]	
TYPE	GEIGER		DETECTOR MODEL NO.	[illegible]	
LENGTH	1 3/8" x 18"		TYPE	[illegible]	
DISTANCE TO N. SOURCE	4.5		LENGTH	[illegible]	
			SOURCE MODEL NO.	[illegible]	
GENERAL			SERIAL NO.	[illegible]	
HOIST TRUCK NO.	0020		SPACING	13"	
INSTRUMENT TRUCK NO.	0020		TYPE	[illegible]	
TOOL SERIAL NO.	0002		STRENGTH	[illegible]	

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	100/100	3 R	10	2.0	500/095	0	20

REFERENCE LITERATURE: OPEN HOLE - NOT CEMENTED

REMARKS DRILLING CONTRACTOR: LAYNE-WESTERN COMPANY