G00446

ENERGY RESOURCES, INC.

Paola, Kansas 66071
913 294 5150

Lawrence, Kansas 66044
1203 Iowa
913 841 8886

FILING NO.

COMPANY CARMEL ENERGY, INC. [redacted]

WELL C.E.I. 92A

FIELD IDA FAUVERGUE

COUNTRY VERNON CO., MISSOURI

LOCATION: 885.49' NL 165' WL

SEC 22 TWP 35N RGE 33W

OTHER SERVICES:

PERMANENT DATUM G.L. ELEV. 796

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

DRILLING MEASURED FROM G.L.

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

DATE	5-1-80	5-1-80
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER	137.1	137.1
DEPTH—LOGGER	137.1	137.1
BOTTOM LOGGED INTERVAL	133.6	136.1
TOP LOGGED INTERVAL	0.0	4.5
TYPE FLUID IN HOLE	WTR/OIL	WTR/OIL
SALINITY, PPM CL.		
DENSITY		
LEVEL	FULL	FULL
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

EQUIPMENT DATA

	GAMMA RAY	NEUTRON
RUN NO.	1 NW	1 NW
TOOL MODEL NO.	705	NEU/NEU
DIAMETER	1 11/16"	705
DETECTOR MODEL NO.	705-GR	1 11/16"
TYPE	GEIGER	705 HE-3
LENGTH	1 3/8" x 18"	HE
DISTANCE TO N. SOURCE	4.5	2" x 6"
SOURCE MODEL NO.		71-1
SERIAL NO.		71-1-335 G
SPACING		13"
TYPE		AMBE-241
STRENGTH		3 CI

GENERAL: 0020 / 0020 / 0002

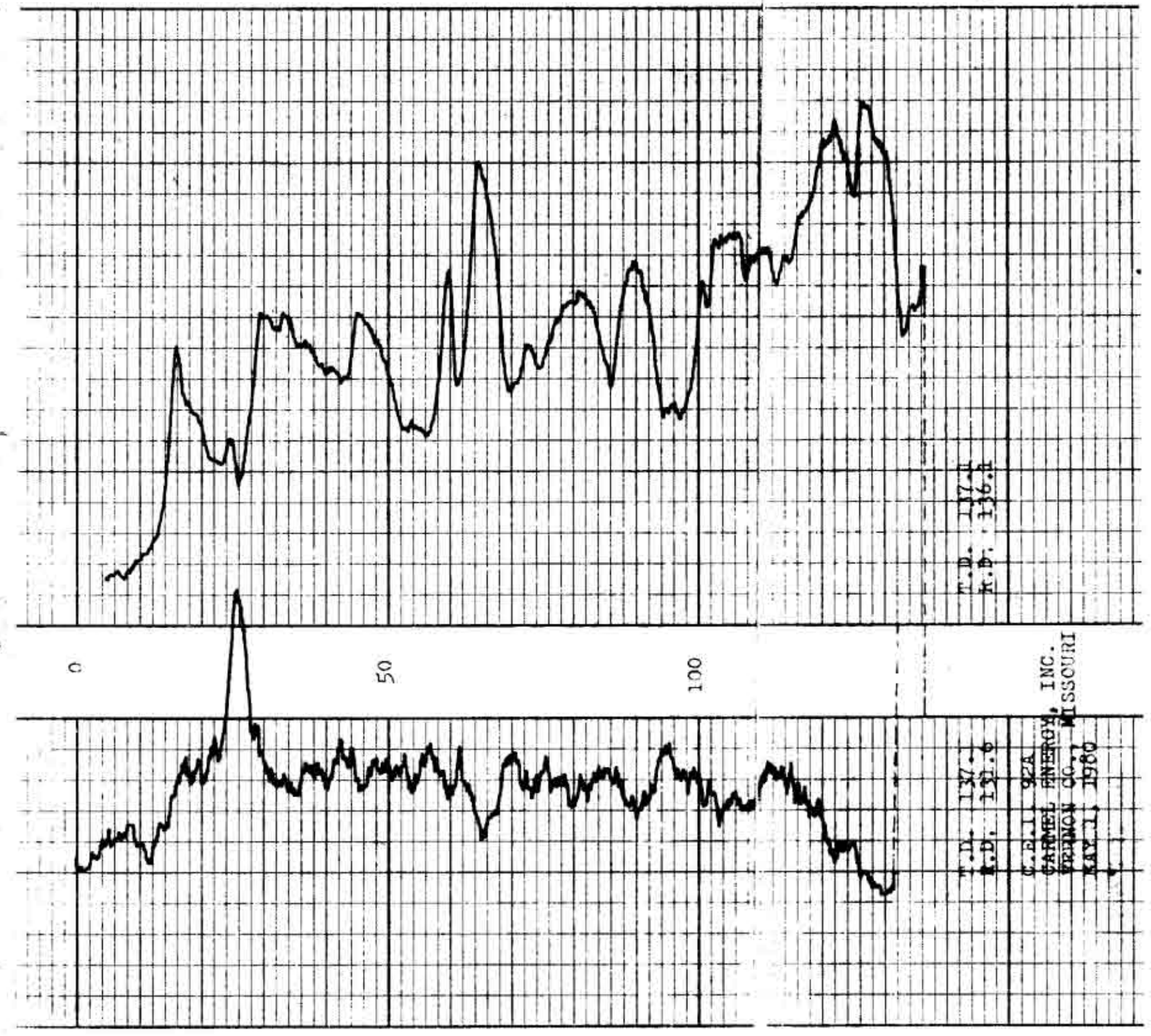
HOIST TRUCK NO.
INSTRUMENT TRUCK NO.
TOOL SERIAL NO.

LOGGING DATA

RUN NO.	GENERAL DEPTHS FROM	TO	SPEED FT./MIN.	T.C. SEC.	SENS. SETTINGS	GAMMA RAY ZERO DIV. OR B	API G-R UNITS PER LOG DIV.	T.C. SEC.	SENS. SETTINGS	NEUTRON ZERO DIV. OR B	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 LITRATURE: OPEN HOLE - NOT CEMENTED

REMARKS: DRILLING CONTRACTOR: LAYNE - WESTERN COMPANY

GAMMA RAY DEPTH AND CASING API UNITS

NEUTRON API UNITS