G00363

ENERGY RESOURCES, INC.

Paola, Kansas 66071
P. O. Box 487
913-294-5050

Lawrence, Kansas 66044
1203 Iowa
913-841-8886

FILING NO.

COMPANY: CARMEL ENERGY INC. [redacted]

WELL: KE NO. 4

FIELD: KENNEDY LEASE

COUNTY: VERNON CO., MISSOURI

LOCATION: 1487.5 FSL, 765.0 FWL

SEC 28 TWP 35N RGE 33W

OTHER SERVICES:

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

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

DATE	7-29-80	7-29-80
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER	176.3	176.3
DEPTH—LOGGER	176.3	176.3
BOTTOM LOGGED INTERVAL	176.3	175.3
TOP LOGGED INTERVAL	0.0	0.5
TYPE FLUID IN HOLE	WATER	WATER
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
				0/H		0	T.D.

OCT 06 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 NRT/AN27
DIAMETER	1 11/16"	705
DETECTOR MODEL NO	705-GR	1 11/16"
TYPE	PROBE	705 NR-3
LENGTH	2 3/8" x 12"	HE
DISTANCE TO N. SOURCE	1.5	1" x 6"
		71-1
		71-1-335 G
		12"
		AMER-211
		3 CT

GENERAL

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

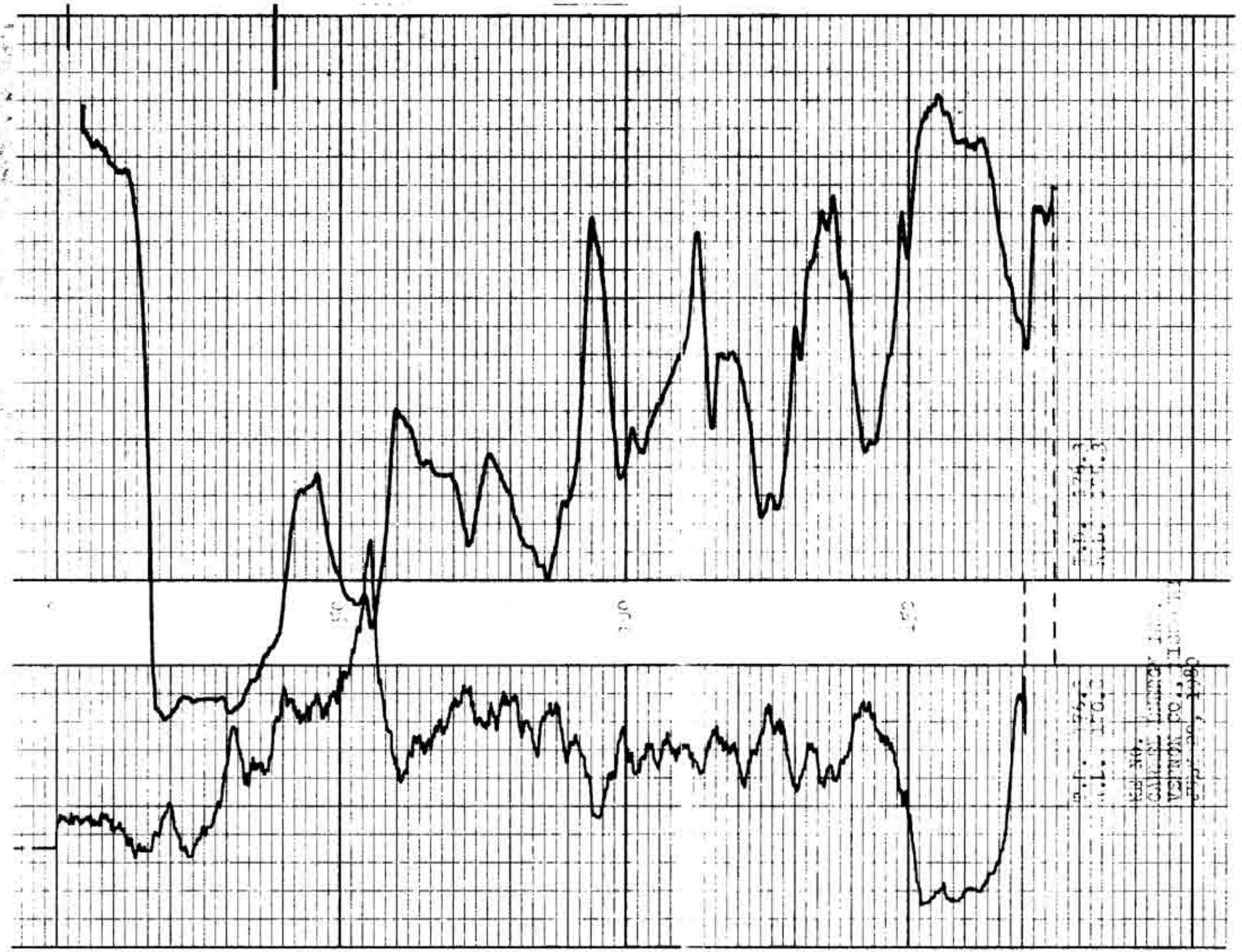
LOGGING DATA

RUN NO	DEPTHS FROM	DEPTHS TO	SPEED FT./MIN	T.C. SEC	SENS SETTINGS	GAMMA RAY ZERO DIV. L OR R	API G.R. UNITS PER LOG DIV.	T.C. SEC.	SENS. SETTINGS	NEUTRON ZERO DIV. L OR R	API N. UNITS PER LOG DIV.
1	0	T.D.	20	4.0	100/090	1 L	10	4.0	500/100	7 L	20

REFERENCE LITERATURE: OPEN HOLE - NOT CALIBRATED

REMARKS: DRILLING CONTRACTOR: LAYNE-WESTERN COMPANY

INCO 18240

GAMMA RAY DEPTH NEUTRON

CASING COLLARS