G01117

ENERGY RESOURCES, INC.

Paola, Kansas 66071
P. O. Box 467
913-294-5050

Lawrence, Kansas 66044
1203 Iowa
913-841-8886

FILING NO.

COMPANY CARMEL ENERGY INC. [redacted]

WELL WH NO. 10

FIELD CHARLES WHITEFORD LEASE

COUNTY VERNON CO., MISSOURI

LOCATION: 1155.9 FNL
1965.9 FWL

SEC 28 TWP 35N RGE 33W

OTHER SERVICES:

PERMANENT DATUM G.L. ELEV. 811.4
LOG MEASURED FROM G.L. FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM G.L.

ELEV.: K.B. ___ D.F. ___ G.L. 811.4

DATE	7-03-80	7-03-80
RUN NO	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER	181.0	181.0
DEPTH—LOGGER	179.2	179.2
BOTTOM LOGGED INTERVAL	179.2	179.2
TOP LOGGED INTERVAL	0.0	0.0
TYPE FLUID IN HOLE	WATER	WATER
SALINITY, PPM CL		
DENSITY		
LEVEL	10.0	10.0
MAX. REC. TEMP., DEG F.		
OPERATING RIG TIME		
RECORDED BY	B. LUNDT	B. LUNDT
WITNESSED BY	V. YOUNG	V. YOUNG

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

OCT 06 1980
MO. OIL & GAS COUNCIL

FOLD HERE

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 HE	1 11/16"
TYPE	GEIGER	705 HE-3
LENGTH	1 3/4" x 7"	HE3
DISTANCE TO N. SOURCE	4'	1" x 6"
SOURCE MODEL NO		71-1
SERIAL NO		71-1-335 G
SPACING		13"
TYPE		AMRE-241
STRENGTH		3 CT

GENERAL

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

LOGGING DATA

GENERAL

RUN NO	DEPTHS FROM	TO	SPEED FT./MIN	T.C. SEC	SENS SETTINGS
1	0	T.D.	20	2.0	500/100

GAMMA RAY

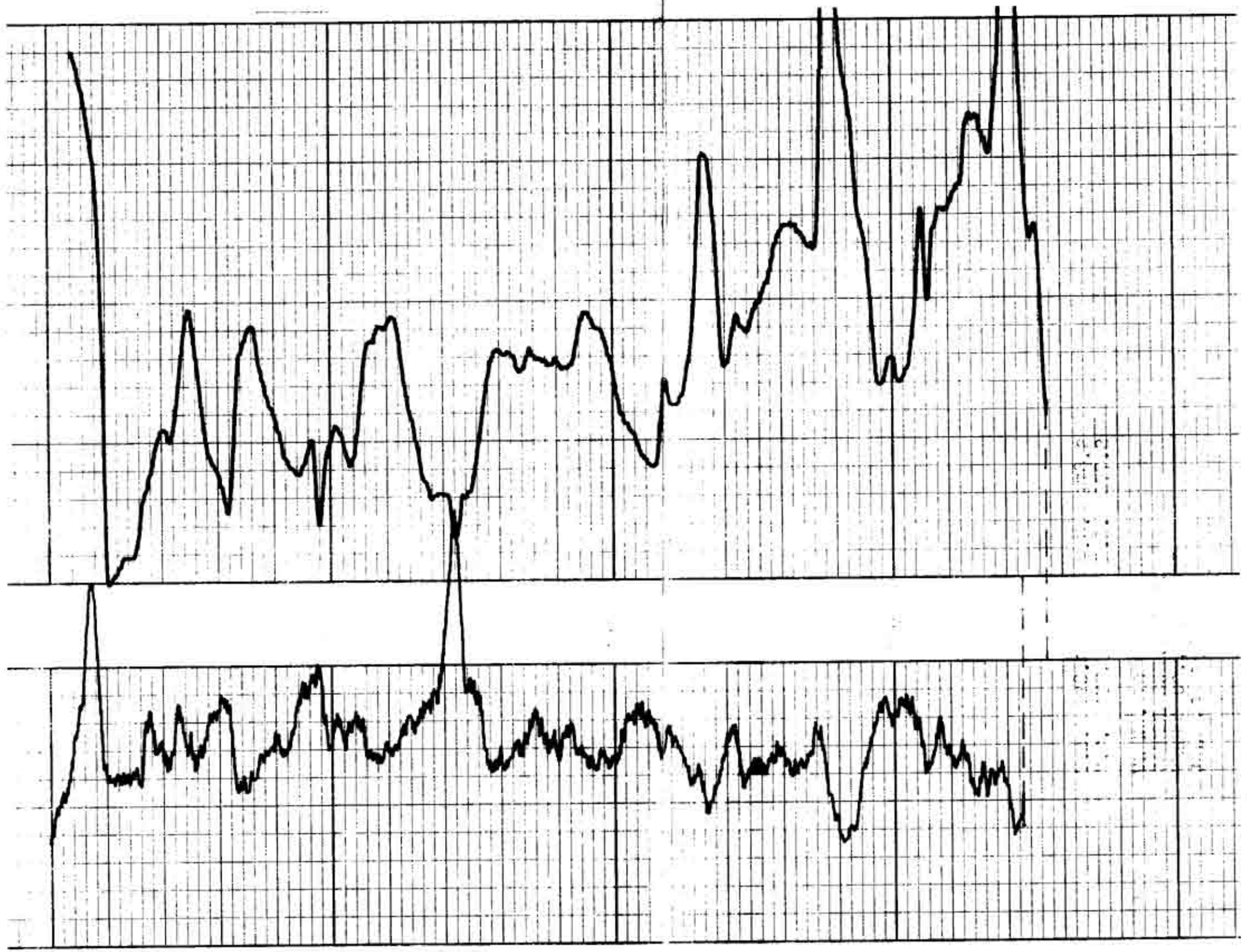
	ZERO DIV. L OR R	API G.R. UNITS PER LOG DIV
	2.0	10

NEUTRON

	T.C. SEC	SENS. SETTINGS	ZERO DIV. L OR R	API N. UNITS PER LOG DIV
	2.0	500/100	4.1	20

REFERENCE LITERATURE: CARMEL FIELD

REMARKS: [illegible]

NESCO 18240

GAMMA RAY DEPTH NEUTRON CASING COLLARS