G01156

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 NO. 1 EAST (oldwell) [redacted]

FIELD

COUNTRY VERNON CO., MISSOURI

LOCATION: 120.0 FNL (APPROX.)
250.0 FEL (APPROX.)

SEC 16 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	6-6-80	6-6-80	
RUN NO	1 OW	1 OW	
TYPE LOG	GAMMA RAY	NEUTRON	
DEPTH—DRILLER			
DEPTH—LOGGER	204.1	204.1	
BOTTOM LOGGED INTERVAL	198.6	203.1	
TOP LOGGED INTERVAL	0.0	4.5	
TYPE FLUID IN HOLE	WATER	WATER	
SALINITY, PPM CL			
DENSITY			
LEVEL	160.0	160.0	
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME			
RECORDED BY	H. PRATT	H. PRATT	
WITNESSED BY	S. YOUNG	S. YOUNG	

RUN NO.	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				5¾"		0	176.0
				O/H		176.0	T.D.

OCT 0 8 1980
A.O. OIL & GAS COUNCIL

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THIS HEADING AND [illegible] INFORMS TO AP. RP 33

EQUIPMENT DATA

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

GENERAL

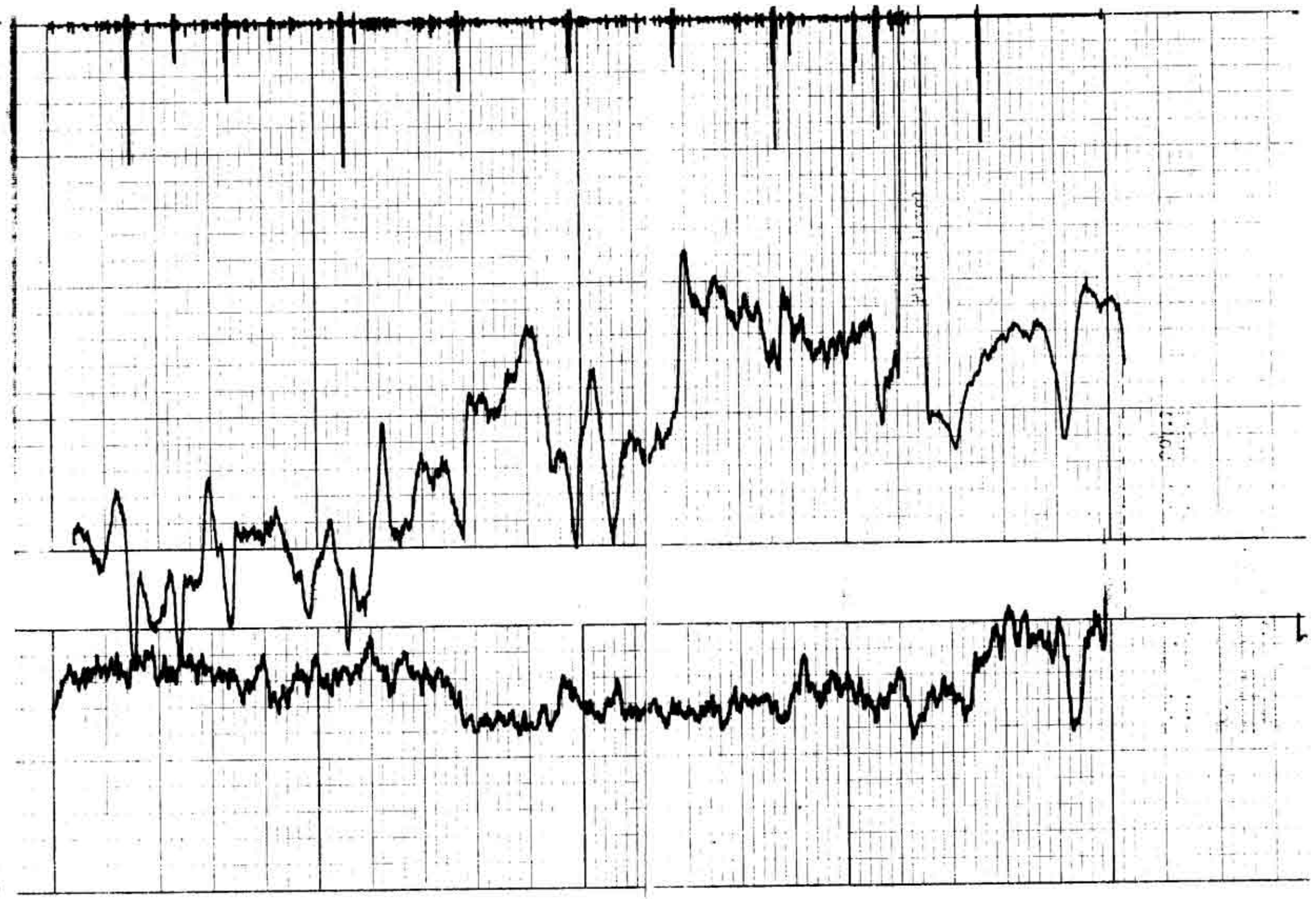
HOIST TRUCK NO.	0020
INSTRUMENT TRUCK NO.	0020
TOOL SERIAL NO.	0002

LOGGING DATA

RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED FT/MIN.	T.C. SEC.	SENS. SETTINGS	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: 5¾" & OPEN HOLE

REMARKS

GAMMA RAY NEUTRON

DEPTH AND CASING COLLARS