G00338

ENERGY RESOURCES, INC.

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

Lawrence, Kansas 66044
1203 Iowa
913-841-8866

FILING NO.

COMPANY: CARMEL ENERGY INC.

WELL: BJ. #1

FIELD: B. JOHNSON FARMS

COUNTY: VERNON - MISSOURI [redacted]

LOCATION: 1154.0 FSL
1325.0 FWL

OTHER SERVICES: [redacted]

SEC 9 TWP 35N RGE 33W

PERMANENT DATUM: G.L. ELEV. 821.0
LOG MEASURED FROM: G.L. FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM: G.L.

ELEV.: K.B.
D.F.
G.L. 821.0

DATE	10-3-80	10-3-80
RUN NO.	1 HW	1 HW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER	217.0	217.0
DEPTH—LOGGER	202.5	202.5
BOTTOM LOGGED INTERVAL	199.0	201.5
TOP LOGGED INTERVAL	4.0	8.5
TYPE FLUID IN HOLE	WATER	WATER
SALINITY, PPM CL.		
DENSITY		
LEVEL	FL.0	FL.0
MAX. REC. TEMP., DEG. F.		
OPERATING RIG TIME		
RECORDED BY	PHATT	PHATT
WITNESSED BY		

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

OCT 0 8 1980
MO. OIL & GAS COUNCIL

THIS HEADING AND LOG CONFORMS TO API RP 33

EQUIPMENT DATA

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

GENERAL

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

LOGGING DATA

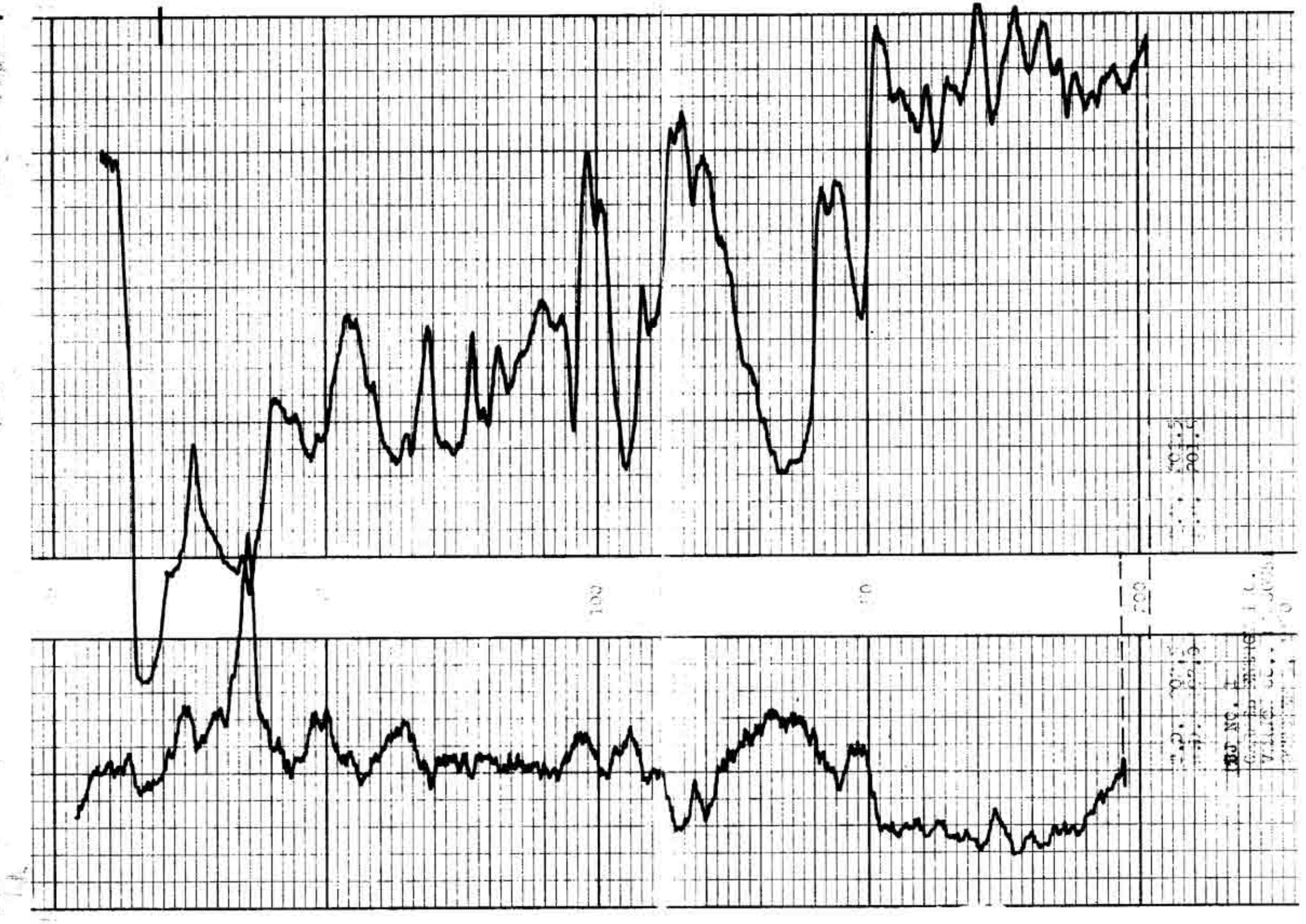
GENERAL RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED FT./MIN.	T.C. SEC.	SENS. SETTINGS	GAMMA RAY ZERO DIV. L OR R	GAMMA RAY API G.R. UNITS PER LOG DIV.	T.C. SEC.	NEUTRON SENS. SETTINGS	NEUTRON ZERO DIV. L OR R	NEUTRON API N. UNITS PER LOG DIV.
1	0	1.0	20	4.0	100/075	0	10	4.0	500/100	9 L	20

REFERENCE LITERATURE: OPER. HOLE

REMARKS

NEUTRON

CASING COLLARS

GAMMA RAY

DEPTH