G00310

ENERGY RESOURCES, INC.

FILING NO	
COMPANY	CARMEL ENERGY INC. [redacted]
WELL	NO. BY-1.
FIELD	LILLY YOOS LEASE
COUNTY	VERNON - MISSOURI
LOCATION	2635.0 FNL 200.0 FWL
SEC	21
TWP	34N
RGE	33W
OTHER SERVICES	
PERMANENT DATUM	G.L.
LOG MEASURED FROM	G.L.
DRILLING MEASURED FROM	G.L.
ELEV	809.1
FT ABOVE PERM DATUM	
ELEV K B / D F / G L	809.1

DATE	10-31-80	10-31-80
RUN NO	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH - DRILLER		
DEPTH LOGGER	209.0	209.0
BOTTOM LOGGED INTERVAL	204.0	206.0
TOP LOGGED INTERVAL	0.0	4.5
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	PRATT	PRATT
WITNESSED BY		

RUN NO	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT	FROM	TO
				O/H		0	[illegible]

NOV 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-GE	1 11/16"
TYPE	GEIGER	705 HE-3
LENGTH	3/8" x 18"	HE
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

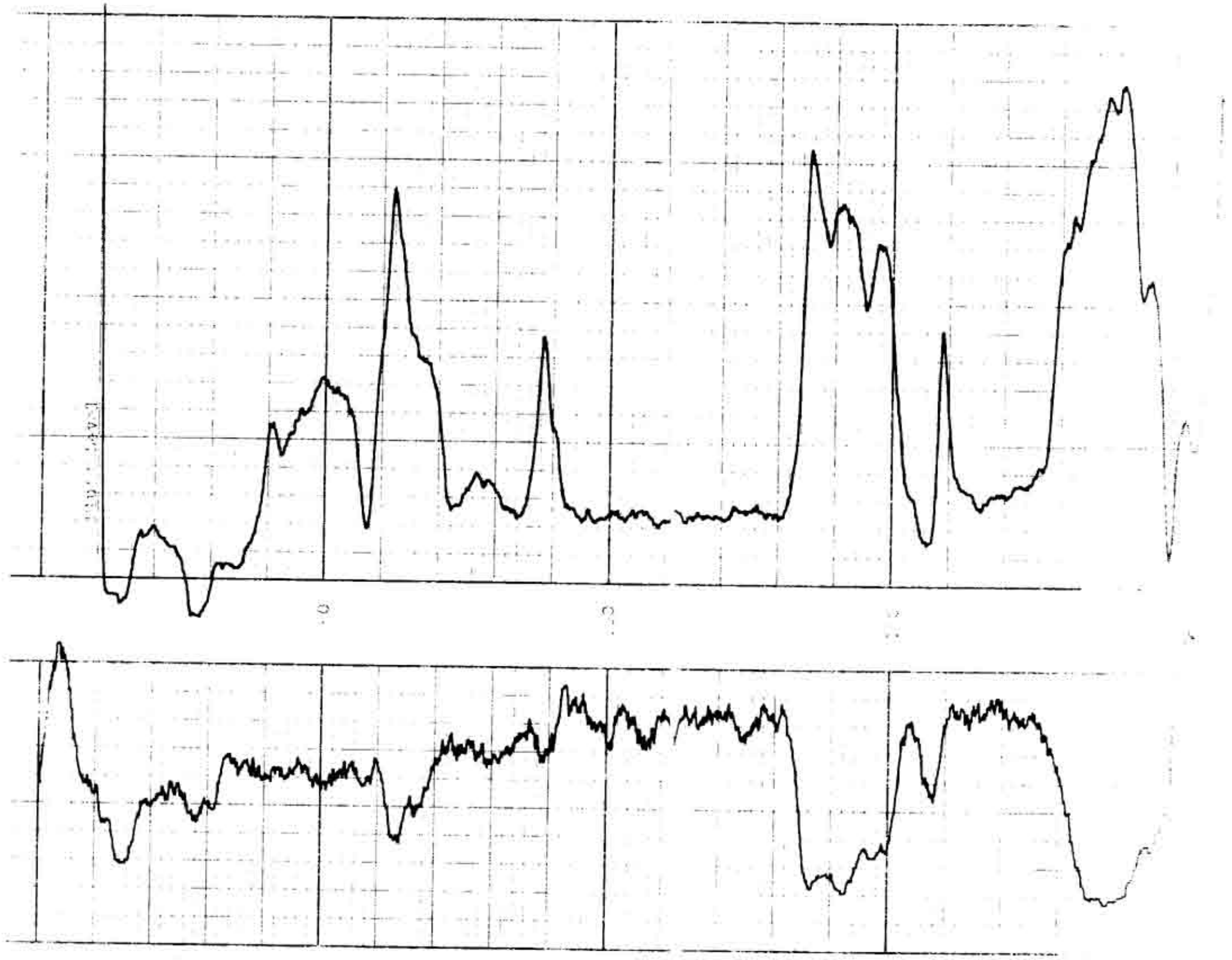
GENERAL	
HOIST TRUCK NO	0020
INSTRUMENT TRUCK NO	0020
TOOL SERIAL NO	0002

LOGGING DATA

GENERAL 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	2.5	20	4.0	100/075	0	10	4.0	500/100	5 L	20

REFERENCE LITERATURE OPEN HOLE - NOT CEMENTED

REMARKS DRILLING CONTRACTOR: TEST DRILLING INC.

GAMMA RAY DEPTH NEUTRON

CASING COLLARS