G00307

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: NO. YO-2

FIELD: BILLY YOOS LEASE

COUNTY: VERNON - MISSOURI

LOCATION: 450.0 FNL
465.0 FWL

SEC 30 TWP 34N RGE 33W

OTHER SERVICES:

PERMANENT DATUM: G.L. ELEV. 796.3
LOG MEASURED FROM: G.L. FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM: G.L.

ELEV. K.B. N/A
D.F. N/A
G.L. 796.3

DATE	11-14-80	11-14-80	
RUN NO	1 NW	1 NW	
TYPE LOG	GAMMA RAY	NEUTRON	
DEPTH-DRILLER			
DEPTH-LOGGER	100.4	100.4	
BOTTOM LOGGED INTERVAL	94.9	99.4	
TOP LOGGED INTERVAL	0.0	4.5	
TYPE FLUID IN HOLE	WATER	WATER	
SALINITY, PPM CL.			
DENSITY			
LEVEL	8.0	8.0	
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	T.D.

NOV 20 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-GE	1 11/16"
TYPE	GEIGER	705 HE-3
LENGTH	1 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

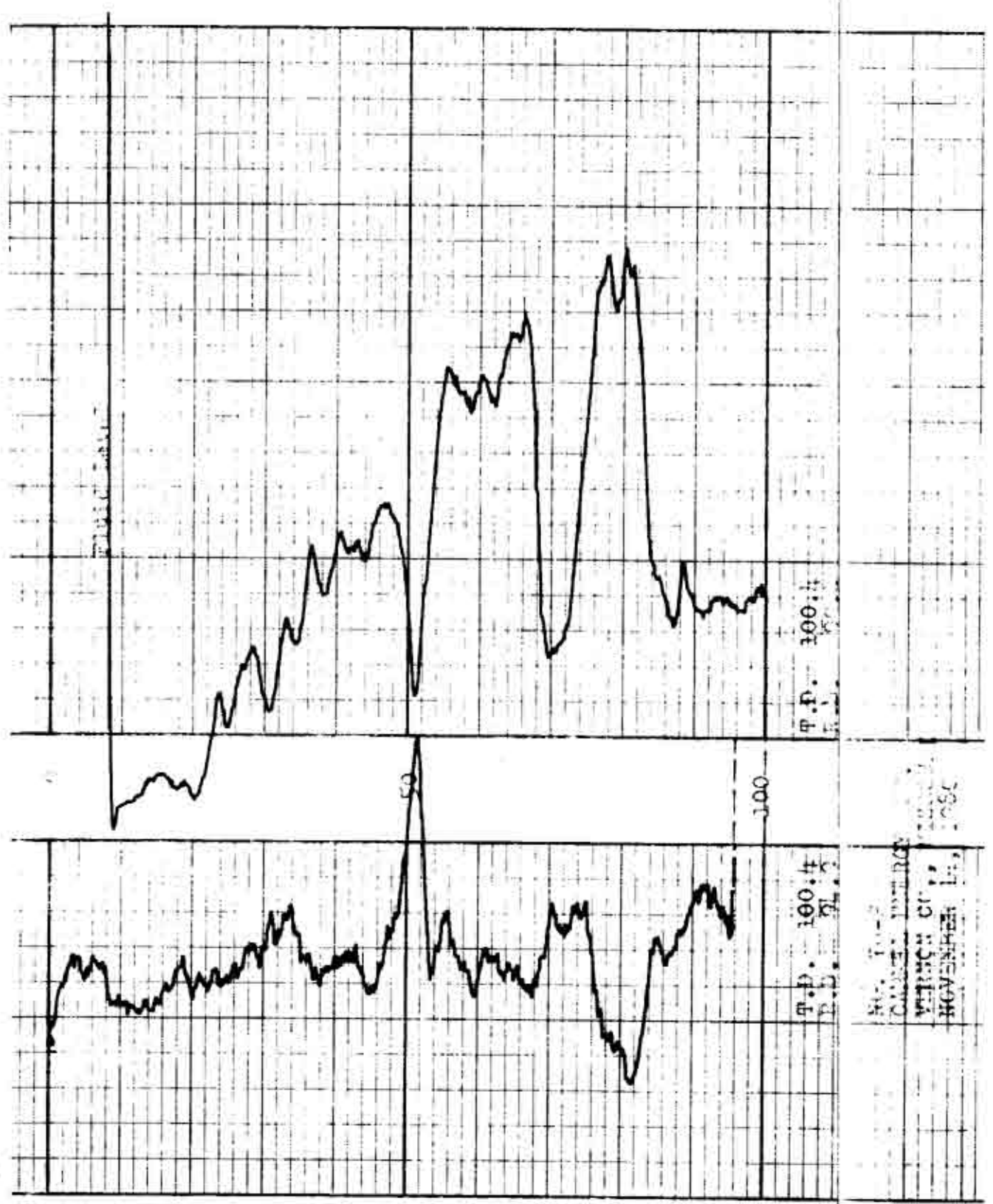
HOIST TRUCK NO	0020
INSTRUMENT TRUCK NO.	0020
TOOL SERIAL NO	0002

LOGGING DATA

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.	20	4.0	100/075	3 R	10	4.0	500/100	6 L	20

REFERENCE LITERATURE: OPEN HOLE

REMARKS: DRILLING CONTRACTOR: TEST DRILLING SERVICE COMPANY

GAMMA RAY DEPTH NEUTRON

CASING COLLARS