60143

ENERGY RESOURCES, INC.

Paola, Kansas 66071
410 N. Silver
913-294-6050

Lawrence, Kansas 66044
1203 Iowa
913-841-8886

RECEIVED
OCT 14 1981
MO. OIL & GAS COUNCIL

RELEASED

FILING NO. _____

COMPANY CARMEL ENERGY

WELL NO. 84

FIELD KENNEDY

COUNTY VERNON, MISSOURI

LOCATION: 440.53' FSL & 206.85' FWL SW-SW-SW

SEC 28 TWP 35N RGE 33W

OTHER SERVICES: None

PERMANENT DATUM: GL ELEV. _____

LOG MEASURED FROM GL _____ FT ABOVE PERM DATUM

DRILLING MEASURED FROM GL

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

DATE	9-23-81
RUN NO.	1 NW
TYPE LOG	CALIPER SURVEY LOG
DEPTH—DRILLER	
DEPTH—LOGGER	158.0
BOTTOM LOGGED INTERVAL	158.0
TOP LOGGED INTERVAL	0.0
TYPE FLUID IN HOLE	WATER
SALINITY, PPM CL	
DENSITY	
LEVEL	FULL
MAX. REC. TEMP., DEG. F.	
OPERATING RIG TIME	
RECORDED BY	NEWMAN
WITNESSED BY	

BORE-HOLE RECORD

RUN NO.	BIT	FROM	TO
1			

CASING RECORD

SIZE	WGT.	FROM	TO
4"		0.0	T.D.

FOLD HERE

THIS HEADING AND TERMS ... API-RP 33

EQUIPMENT DATA

GAMMA RAY		
RUN NO.		
TOOL MODEL NO.		
DIAMETER		
DETECTOR MODEL NO.		
TYPE		
LENGTH		
DISTANCE TO N. SOURCE		
GENERAL		
HOIST TRUCK NO.	0036	
INSTRUMENT TRUCK NO.	0036	
TOOL SERIAL NO.	0002	

NEUTRON		
RUN NO.		
LOG TYPE		
TOOL MODEL NO.		
DIAMETER		
DETECTOR MODEL NO.		
TYPE		
LENGTH		
SOURCE MODEL NO.		
SERIAL NO.		
SPACING		
TYPE		
STRENGTH		

LOGGING DATA

GENERAL				GAMMA RAY				NEUTRON			
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	0.0	T.D.	20								

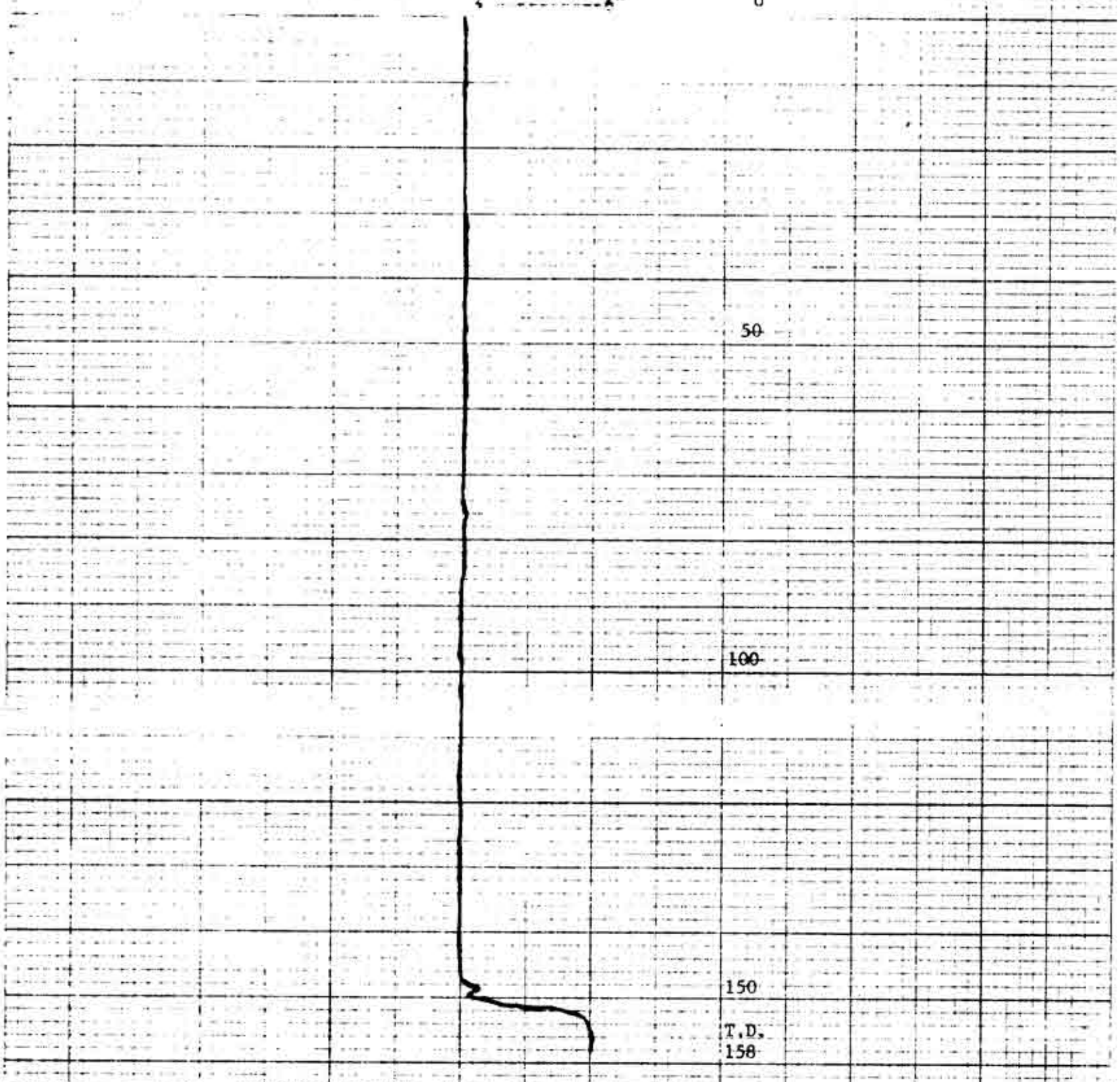
REFERENCE LITERATURE: CALIPER SURVEY LOG--CALIBRATED ON 4" SCALE

REMARKS

NSCO 16240

GAMMA RAY DEPTH NEUTRON

CASING COLLARS



CARMEL ENERGY
KENNEDY NO. 84
VERNON COUNTY, MISSOURI
SEPTEMBER 23, 1981
CALIPER SURVEY LOG
CALIBRATED ON 4" SCALE
1" PER DIVISION