ENERGY RESOURCES, INC.

RELEASED

FILING NO.

COMPANY CARMEL ENERGY INC.

WELL NO. 114

FIELD IDA FAUVERGUE LEASE

COUNTY VERNON CO., MISSOURI

LOCATION 161.0 FNL 165.0 FWL NW-NW-NW

SEC. 33 TWP. 35N RGE. 33W

OTHER SERVICES

PERMANENT DATUM G.L. ELEV. 806.9

LOG MEASURED FROM G.L. FT ABOVE PERM. DATUM

DRILLING MEASURED FROM G.L.

ELEV. K.B. D.F. G.L. 806.9

DATE	8-26-80	8-26-80
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH DRILLER	162.7	162.7
DEPTH LOGGER	161.0	161.0
BOTTOM LOGGED INTERVAL	155.5	160.0
TOP LOGGED INTERVAL	0.0	4.5
TYPE FLUID IN HOLE	WATER	WATER
SALINITY PPM CL.		
DENSITY		
LEVEL	FULL	FULL
MAX REC. TEMP. DEG F.		
OPERATING RIG TIME		
RECORDED BY	B. PRATT	B. PRATT
WITNESSED BY	V. YOUNG	V. YOUNG

BORE-HOLE RECORD

RUN NO.	BIT	FROM	TO

CASING RECORD

SIZE	WGT	FROM	TO
9/H		0	T.D.

OCT 06 1980

MO. OIL & GAS COUNCIL

EQUIPMENT DATA

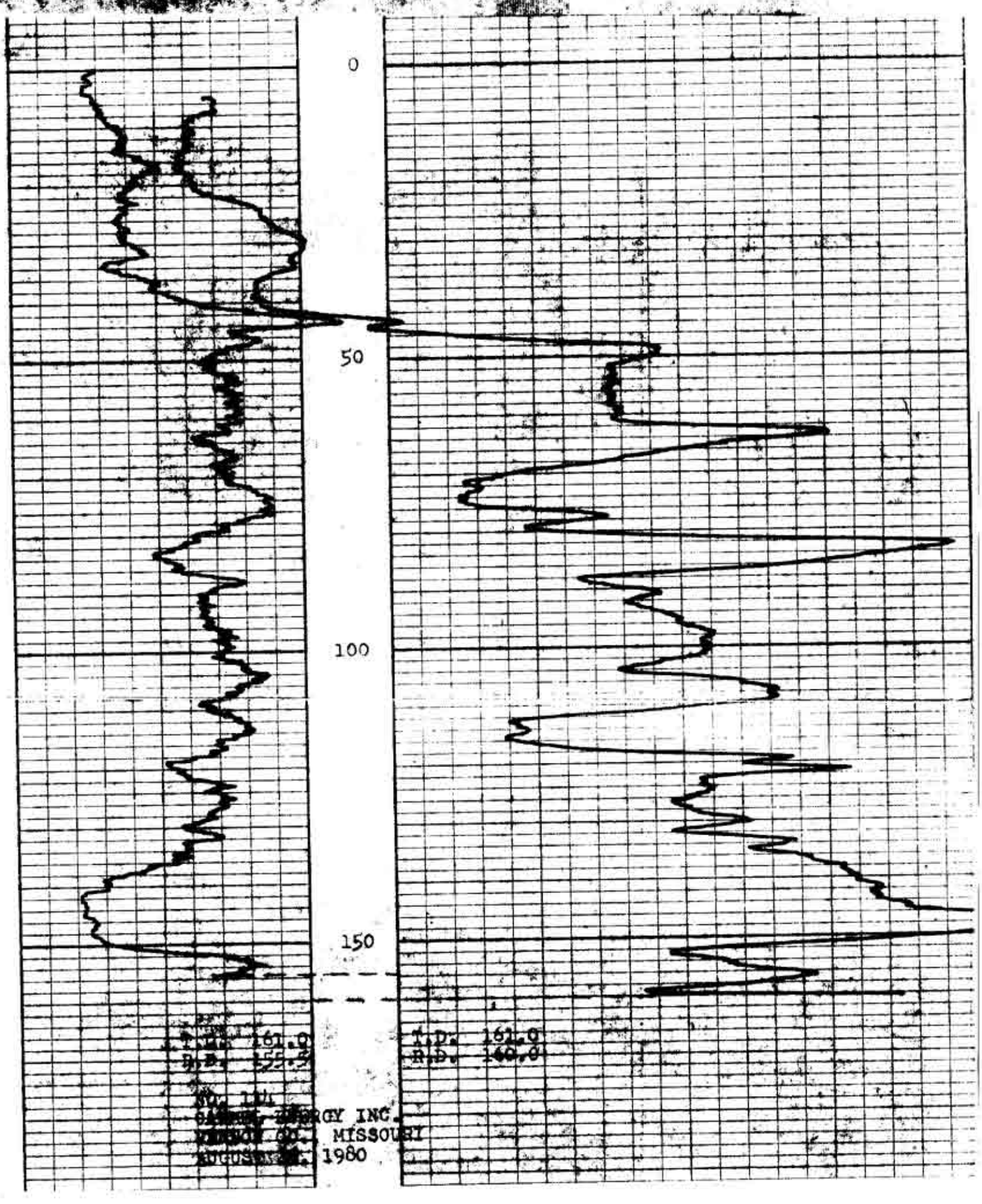
GAMMA RAY		NEUTRON	
RUN NO.	[illegible]	RUN NO.	[illegible]
TOOL MODEL NO.	[illegible]	LOG TYPE	[illegible]
DIAMETER	1 11/16"	TOOL MODEL NO.	[illegible]
DETECTOR MODEL NO.	705-GE	DIAMETER	[illegible]
TYPE	GEIGER	DETECTOR MODEL NO.	[illegible]
LENGTH	1 3/8" x 18"	TYPE	[illegible]
DISTANCE TO N. SOURCE	4.5	LENGTH	[illegible]
		SOURCE MODEL NO.	71-1
GENERAL		SERIAL NO.	71-[illegible]-235
HOIST TRUCK NO.	0020	SPACING	13"
INSTRUMENT TRUCK NO.	0020	TYPE	AmBe-[illegible]
TOOL SERIAL NO.	0002	STRENGTH	3 CI

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	T.D.	20	4.0	100/085	2 L	10	4.0	500/100	8 L	20

REFERENCE LITERATURE: OPEN HOLE - NOT CEMENTED

REMARKS: [illegible] GAMMA-NEUTRON COLLAR

GAMMA RAY DEPTH NEUTRON

CASING COLLARS