60034

Permit

RUN NO.

COMPANY CARMEL ENERGY INC.

WELL TP NO. 12

FIELD DA FAUVERGUE (B)

COUNTY VERNON STATE MISSOURI

LOCATION 165.0 FNL 2365.0 FWL

SEC. 3 TWP. 35N RGE. 33W

PERMANENT DATUM G.L. ELEV. 768.0

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

DRILLING MEASURED FROM G.L.

DATE	9-12-80	9-12-80
RUN NO.	ONE	ONE
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH-DRILLER	150.0	140.0
DEPTH-LOGGER	145.0	143.3
BTM. LOG INTERVAL	139.5	140.0
TOP LOG INTERVAL	0.0	0.5
TYPE FLUID IN HOLE	WATER	WATER
DENSITY		
LEVEL	FULL	FULL
MAX. REC. TEMP. DEG. F.		
OPERATING RIG TIME		
RECORDED BY	R. PRATT	R. PRATT
WITNESSED BY	V. YOUNG	V. YOUNG

BORE-HOLE RECORD

RUN NO.	BIT	FROM	TO

CASING RECORD

SIZE	WGT.	FROM	TO
8 5/8"		0	20

[redacted]

SEP 22 1980

OIL & GAS COUNCIL

768.0

THIS READING AND LOG CONFORMS TO API RP 33

EQUIPMENT DATA

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

LOGGING DATA

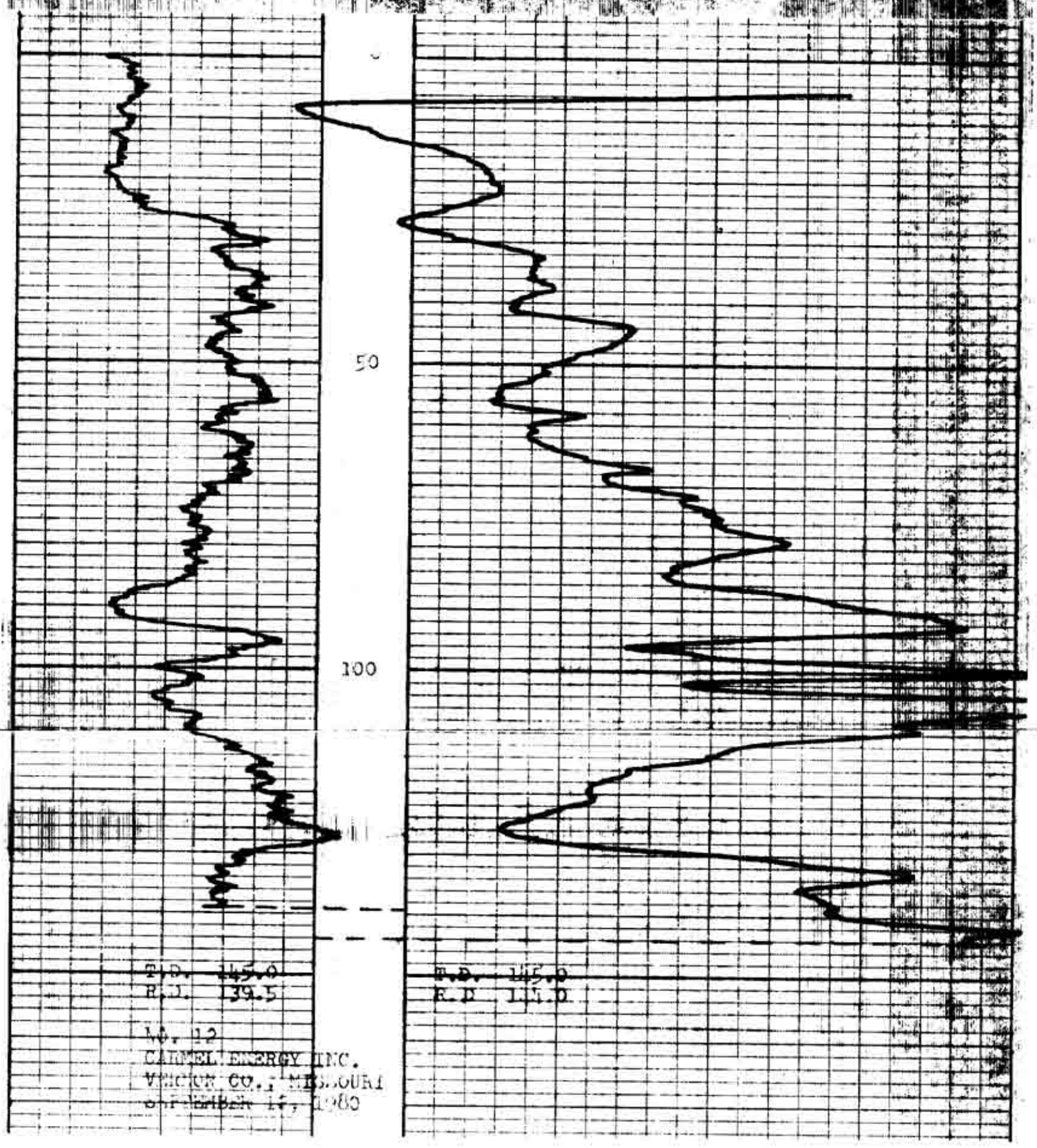
GENERAL				GAMMA RAY					NEUTRON		
RUN NO.	DEPTHS FROM	DEPTHS TO	SPEED FT/MIN.	T.C. SEC.	SENS. SETTINGS	ZERO DIV. 1-DB 8	API G.R. UNITS PER 100 DIV.	T.C. SEC.	SENS. SETTINGS	ZERO DIV. 1-DB 8
1	0	T.D.	20	4.0	[illegible]	27	[illegible]	[illegible]	[illegible]	[illegible]

REFERENCE LITERATURE: OPEN HOLE - NOT CEMENTED

REMARKS: DRILLING CONTRACTOR: LAYNE-WESTERN COMPANY

GAMMA RAY DEPTH NEUTRON

CASING COLLARS



No. 12
CARMEL ENERGY INC.
VERNON CO., MISSOURI
SEPTEMBER 14, 1980