G00350

Permit # 20589

ENERGY RESOURCES, INC.

FILING NO.

COMPANY CARMEL ENERGY INC.

WELL NO. 14

FIELD IDA PAUVERGNE (B)

COUNTY VERNON CO., MISSOURI

LOCATION: 165.0 FNL 2503.0 FEL

SEC. 3 TWP. 35N RGE. 33W

OTHER SERVICES:

PERMANENT DATUM: G.L. ELEV. 766.0

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

DRILLING MEASURED FROM: G.L.

ELEV.: K.B. D.F. G.L. 766.0

DATE	9-11-80	9-11-80
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH-DRILLER	121.0	121.0
DEPTH-LOGGER	121.0	121.0
BOTTOM LOGGED INTERVAL	115.5	120.0
TOP LOGGED INTERVAL	0.0	4.5
TYPE FLUID IN HOLE	WATER	WATER
SALINITY, PPM CL.		
DENSITY		
LEVEL	5.0	5.0
MAX. REC. TEMP., DEG F.		
OPERATING RIG TIME		
RECORDED BY	E. PRATT	E. PRA[redacted]
WITNESSED BY	V. YOUNG	V. YOU[redacted]

SEP 22 1980

[redacted] OIL & GAS COUN[redacted]

BORE-HOLE RECORD

RUN NO.	BIT	FROM	TO

CASING RECORD

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

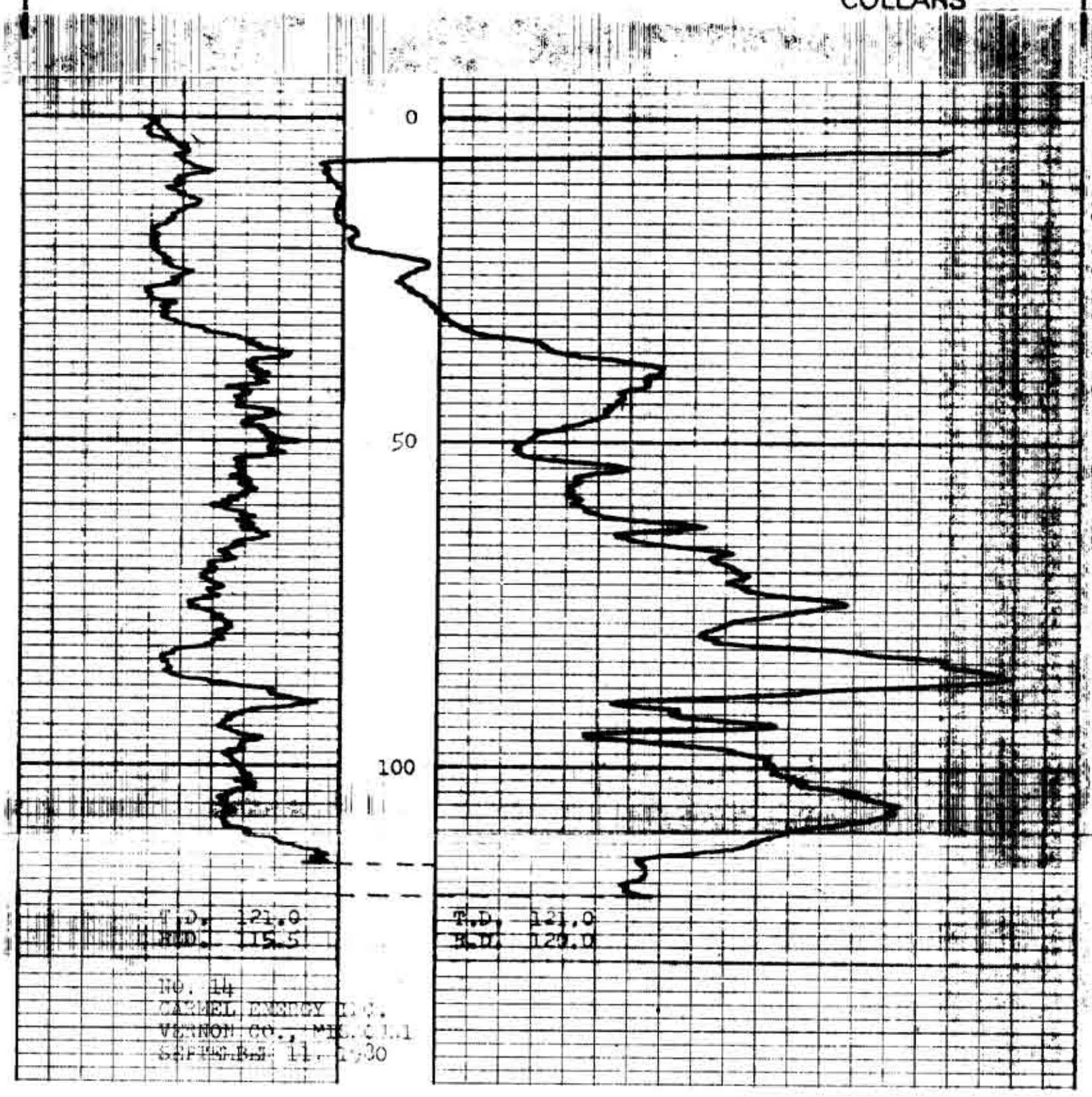
THIS HEADING AND LOG CONFORMS TO API RP 33

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	1 NW	RUN NO.	1 NW
TOOL MODEL NO.	705	LOG TYPE	NEU/NEU
DIAMETER	1 11/16"	TOOL MODEL NO.	705
DETECTOR MODEL NO.	705+GE	DIAMETER	1 11/16"
TYPE	GEIGER	DETECTOR MODEL NO.	705 HE
LENGTH	1 3/8" x 18"	TYPE	HE
DISTANCE TO N. SOURCE	4.5	LENGTH	1" x 6"
		SOURCE MODEL NO.	71-1
GENERAL		SERIAL NO.	71-1-[illegible]
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	1 L	10	4.0	500/100	8 L	20

REFERENCE LITERATURE: OPEN HOLE - NOT CEMENTED

REMARKS: DRILLING CONTRACTOR: LAYNE-WESTERN COMPANY