G00430

ENERGY RESOURCES, INC.

Paola, Kansas 66071
913-294-5950
Lawrence, Kansas 66044
1203 Iowa
913-841-8886

FILING NO.

COMPANY CARMEL ENERGY INC. [redacted]

WELL SEITZ NO. 3 [redacted]

FIELD

COUNTRY VERNON CO., MISSOURI

LOCATION: 235.0 FNL 1000.0 FWL (APPROX.) NE¼ SEC 5 TWP 34N RGE 33W

OTHER SERVICES:

PERMANENT DATUM G.L. ELEV. 822.5
LOG MEASURED FROM G.L. FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM G.L.

ELEV.: K.B. D.F. G.L. 822.5

DATE	6-9-80	6-9-80
RUN NO.	1 OW	1 OW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER		
DEPTH—LOGGER	160.3	160.3
BOTTOM LOGGED INTERVAL	154.8	159.3
TOP LOGGED INTERVAL	9.0	13.5
TYPE FLUID IN HOLE	WATER	WATER
SALINITY, PPM CL		
DENSITY		
LEVEL	10.0	10.0
MAX. REC. TEMP., DEG. F.		
OPERATING RIG TIME		
RECORDED BY	E. PRATT	E. PRATT
WITNESSED BY	V. YOUNG	V. YOUNG

BORE-HOLE RECORD

RUN NO.	BIT	FROM	TO

CASING RECORD

SIZE	WGT.	FROM	TO
2"		0.0	142.0
8/8		142.0	T.D.

OCT 0 6 1980
MO. OIL & GAS COUNCIL

FOLD HERE

THIS READING AND LOG CONFORMS TO API RP 33

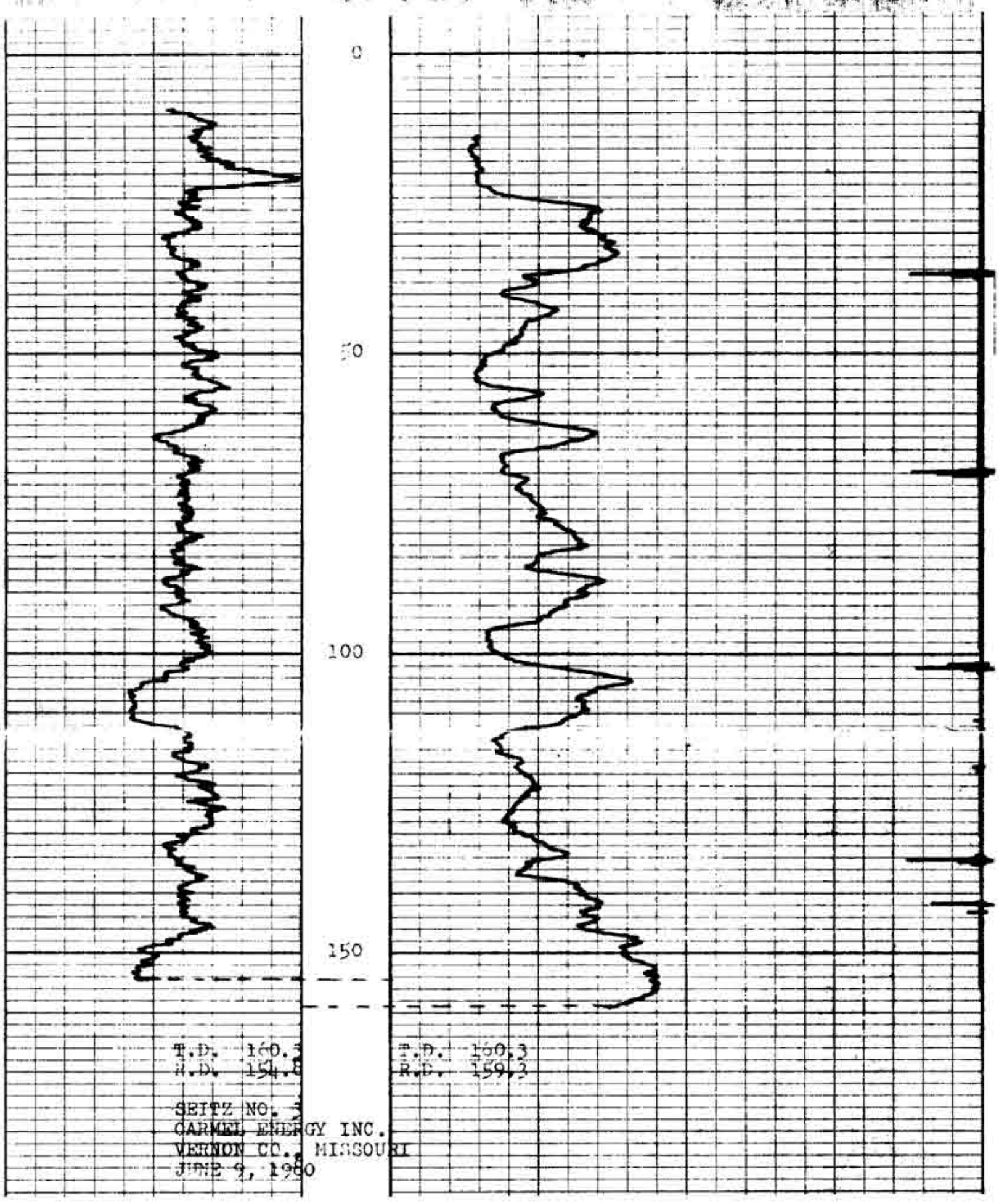
EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	1 OW	RUN NO.	1 OW
TOOL MODEL NO.	705	LOG TYPE	NSO/NSO
DIAMETER	1 11/16"	TOOL MODEL NO.	705
DETECTOR MODEL NO.	705-GE	DIAMETER	1 11/16"
TYPE	GEIGER	DETECTOR MODEL NO.	705 HE-3
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.	71-1-335 G
HOIST TRUCK NO.	0020	SPACING	13"
INSTRUMENT TRUCK NO.	0020	TYPE	AMBE-241
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.	30	2.0	100/100	3 R	10	2.0	500/095	0	20

REFERENCE LITERATURE: 2" and OPEN HOLE

REMARKS

GAMMA RAY API UNITS | DEPTH AND CASING | NEUTRON API UNITS