G01106

ENERGY RESOURCES, INC.

Parsons, Kansas 67357
P.O. Box 467
913 294 5097

Lawrence, Kansas 66044
1203 Iowa
913 841 8886

FILING NO.

COMPANY CARMEL ENERGY INC.

WELL HE - 1 [redacted]

FIELD BELMONT-VICO LEASE

COUNTY VERNON - MISSOURI

LOCATION: 1550'NL 2204.26 FL

SEC TWP RGE

OTHER SERVICES:

PERMANENT DATUM ELEV 786.4

LOG MEASURED FROM FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM

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

DATE	10-21-80	10-21-80
RUN NO	ONE	ONE
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH-DRILLER		
DEPTH-LOGGER	1002.2	1000.2
BOTTOM LOGGED INTERVAL	1000.2	
TOP LOGGED INTERVAL	0.0	
TYPE FLUID IN HOLE	WATER	WATER
SALINITY PPM CL		
DENSITY		
LEVEL	FULL	FULL
MAX REC TEMP DEG F		
OPERATING RIG TIME		
RECORDED BY	[illegible]	[illegible]
WITNESSED BY		

RUN NO	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT	FROM	TO

OCT 31 1980
MO. OIL & GAS COUNCIL

FOLD HERE

THIS HEADING AND LOG CONFORMS TO API RP 33

EQUIPMENT DATA

	GAMMA RAY	NEUTRON
RUN NO	ONE	ONE
LOG TYPE		
TOOL MODEL NO	[illegible]	[illegible]
DIAMETER	1 3/8"	1 3/8"
DETECTOR MODEL NO	[illegible]	[illegible]
TYPE	GEIGER	[illegible]
LENGTH	1 3/8"	1 3/8"
DISTANCE TO N. SOURCE	[illegible]	2" X 6"
SOURCE MODEL NO		[illegible]
SERIAL NO		[illegible]
SPACING		[illegible]
TYPE		AMERS-241
STRENGTH		3 CI

GENERAL

HOIST TRUCK NO	0010
INSTRUMENT TRUCK NO	0020
TOOL SERIAL NO	0007

LOGGING DATA

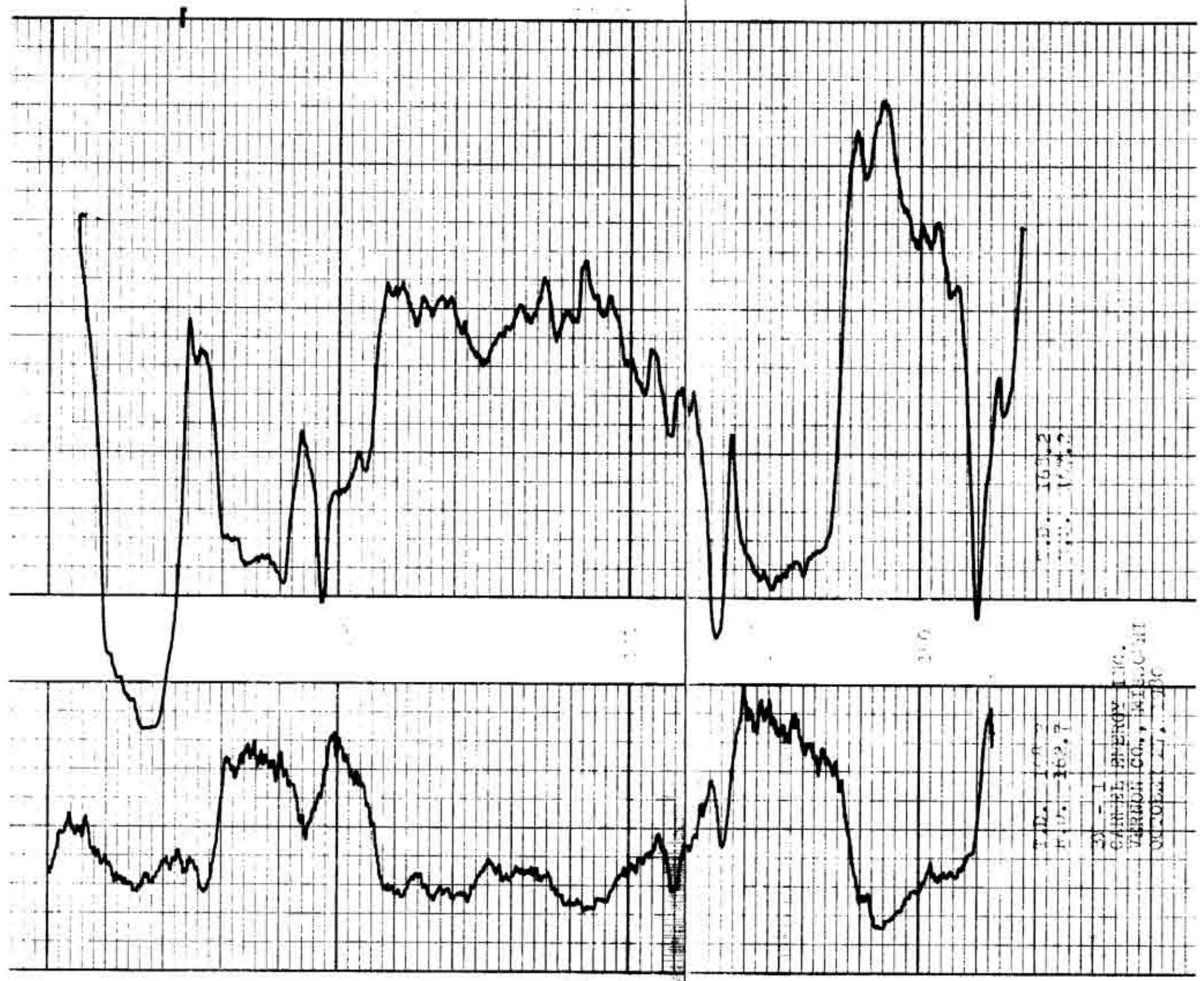
GENERAL

RUN NO	DEPTHS FROM	DEPTHS TO	SPEED FT/MIN	T.C. SEC.	SENS SETTINGS	GAMMA RAY ZERO DIV. L OR R	GAMMA RAY API G.R. UNITS PER LOG DIV.	T.C. SEC.	NEUTRON SENS SETTINGS	NEUTRON ZERO DIV. L OR R	NEUTRON API N. UNITS PER LOG DIV.
1	0	1000.2	30	1.0	100/[illegible]	[illegible]	[illegible]	1.0	20/100	3 L	20

REFERENCE LITERATURE

REMARKS

NOTED INCAL

CASING COLLARS

GAMMA RAY DEPTH NEUTRON