600273

ENERGY RESOURCES, INC.

Paola, Kansas 66071
P. O. Box 467
913-294-5050

Lawrence, Kansas 66044
1203 Iowa
913-841-8886

RELEASED

FILING NO.

COMPANY: Carmel Energy, Inc.
WELL: RG 25-1
FIELD: Robert Garton Lease
COUNTY: Vernon County, Missouri

LOCATION: 195.0 FSL, 400.0 FWL
SEC. 25 TWP 34N RGE 33W

OTHER SERVICES:

PERMANENT DATUM: GL ELEV. 824.0
LOG MEASURED FROM: GL FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM: GL

ELEV.: K.B. NA, D.F. NA, G.L. 824.0

DATE	12/29/80	12/29/80	
RUN NO	1 NW	1 NW	
TYPE LOG	Gamma Ray	Neutron	
DEPTH—DRILLER			
DEPTH—LOGGER	117.0	117.0	
BOTTOM LOGGED INTERVAL	111.5	116.0	
TOP LOGGED INTERVAL	0.0	4.5	
TYPE FLUID IN HOLE	water	water	
SALINITY, PPM CL			
DENSITY			
LEVEL	20.0	20.0	
MAX. REC. TEMP., DEG F.			
OPERATING RIG TIME			
RECORDED BY	Morgan	Morgan	
WITNESSED BY			

RUN NO	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				O/H			TD

RECEIVED
JAN 07 1981
MO. OIL & GAS COUNCIL

FOLD HERE

EQUIPMENT DATA

	GAMMA RAY	NEUTRON
RUN NO	1 NW	1 NW
TOOL MODEL NO	705	NEU/NEU
DIAMETER	1 11/16"	705
DETECTOR MODEL NO	705-GE	1 11/16"
TYPE	GEIGER	705 HE-3
LENGTH	1 3/8" x 18"	HE
DISTANCE TO N. SOURCE	4.5	1" x 6"
SOURCE MODEL NO		71-1
SERIAL NO		71-1-335 G
SPACING		AMBE-241
TYPE		3 CI
STRENGTH		

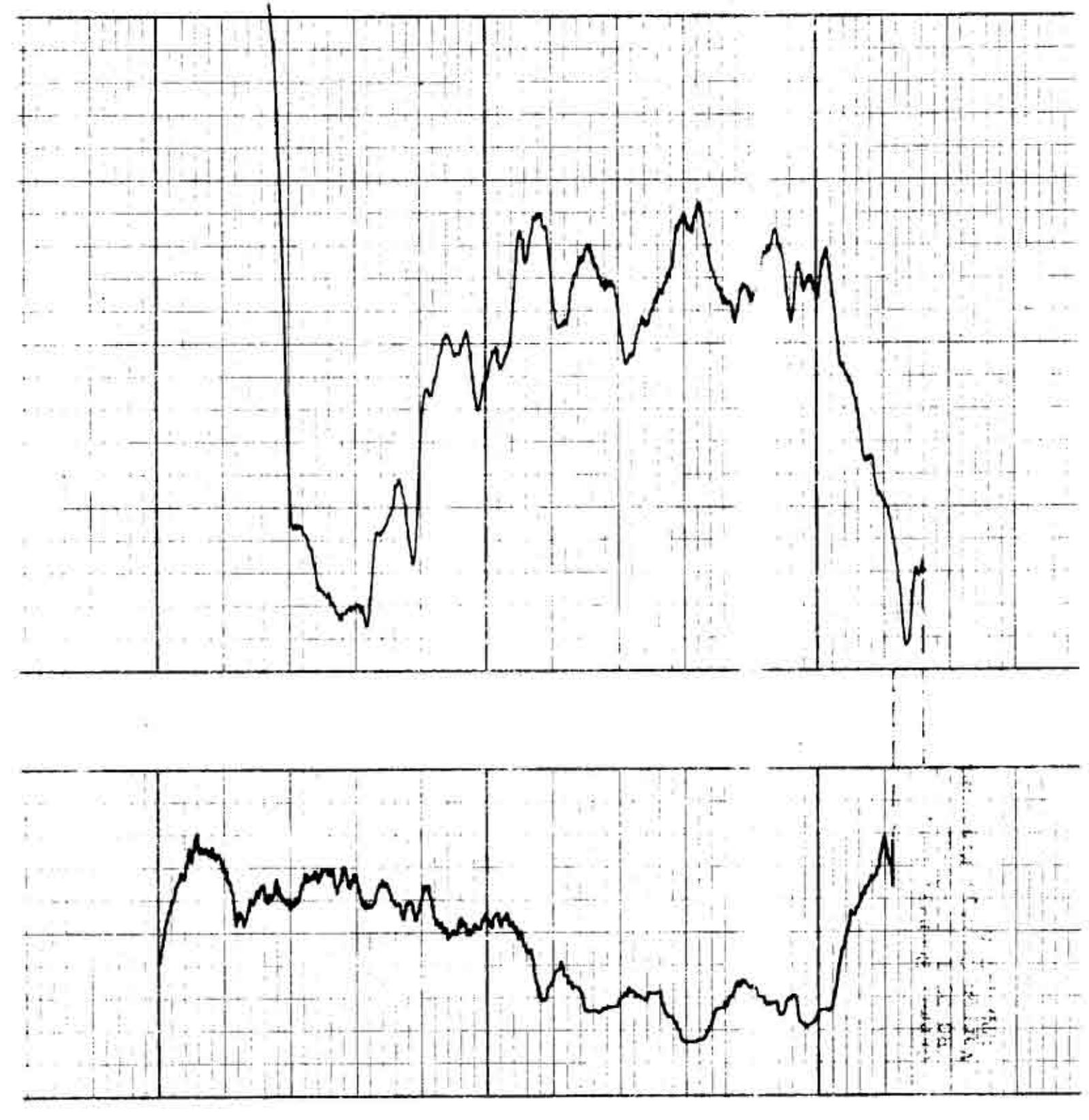
GENERAL	
HOIST TRUCK NO.	0020
INSTRUMENT TRUCK NO.	0020
TOOL SERIAL NO.	0002

LOGGING DATA

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 NW	0	TD	20	4.0	100/075	OR	10	4.0	500/100	5L	20

REFERENCE LITERATURE:

REMARKS: DRILLING CONTRACTOR: TEST DRILLING COMPANY

GAMMA RAY DEPTH NEUTRON

CASING COLLARS