600298

ENERGY RESOURCES, INC.

Paola Kansas 66071
P O Box 467
913-294-5050
Lawrence Kansas 66044
1203 Iowa
[illegible] 8886

RELEASED

FILING NO.

COMPANY CARMEL ENERGY INC.
WELL KE - 41
FIELD KENNEDY LEASE
COUNTY VERNON - MISSOURI

LOCATION 1308.0 FWL
2345.0 FSL
SEC 28 TWP 35N RGE 33W

OTHER SERVICES:

PERMANENT DATUM GL
LOG MEASURED FROM GL
DRILLING MEASURED FROM GL
ELEV 818.6 FT ABOVE PERM. DATUM
ELEV K.B. N.A.
D.F. N.A.
G.L. 818.6

DATE	12-3-80	12-3-80
RUN NO	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH-DRILLER		
DEPTH-LOGGER	171.1	171.1
BOTTOM LOGGED INTERVAL	165.6	170.1
TOP LOGGED INTERVAL	0.0	4.5
TYPE FLUID IN HOLE	WATER	WATER
SALINITY, PPM CL.		
DENSITY		
LEVEL	16.5	16.5
MAX REC. TEMP. DEG F		
OPERATING RIG TIME		
RECORDED BY	MORGAN	MORGAN
WITNESSED BY		

BORE-HOLE RECORD

RUN NO	BIT	FROM	TO

CASING RECORD

SIZE	WGT.	FROM	TO
OPEN HOLE		0	171.1

FOLD HERE

THIS HEADING AND LOG CONFORMS TO API RP 33

EQUIPMENT DATA

GAMMA RAY		
RUN NO.	1 NW	
TOOL MODEL NO	705	
DIAMETER	1 11/16"	
DETECTOR MODEL NO	705-GE	
TYPE	GEIGER	
LENGTH	1 3/8" x 18"	
DISTANCE TO N. SOURCE	4.5	

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

NEUTRON		
RUN NO	1 NW	
LOG TYPE	NEU/NEU	
TOOL MODEL NO	705	
DIAMETER	1 11/16"	
DETECTOR MODEL NO	705 HE-3	
TYPE	HE	
LENGTH	1" x 6"	
SOURCE MODEL NO	71-1	
SERIAL NO	71-1-335	G
SPACING	13"	
TYPE	AMBE-241	
STRENGTH	3 CI	

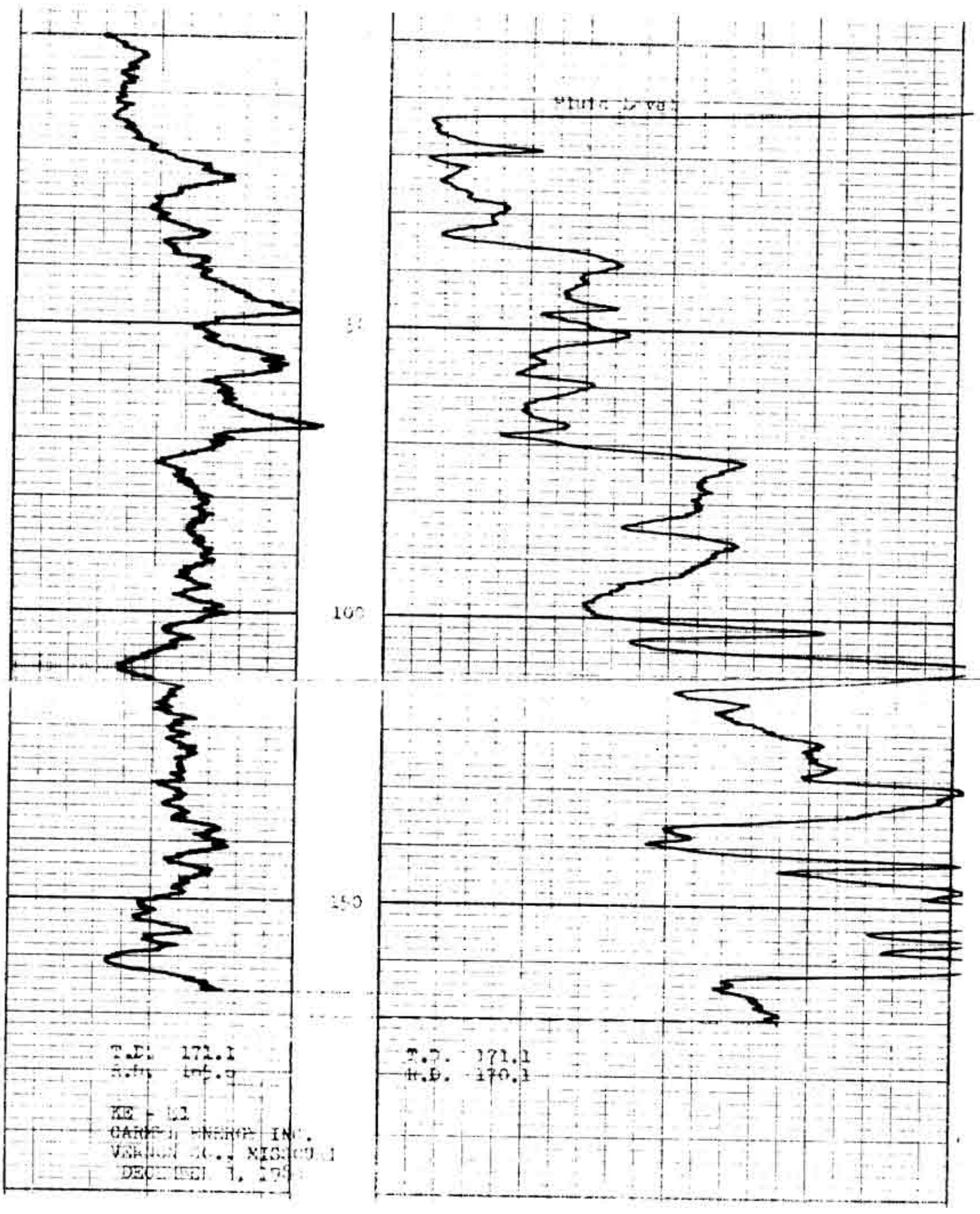
LOGGING DATA

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	100/075	0 R	10	4.0	500/100	5 L	20

REFERENCE LITERATURE OPEN HOLE - NOT CEMENTED

REMARKS DRILLING CONTRACTOR: LAYNE-WESTERN DRILLING COMPANY

NSCO 16240

GAMMA RAY DEPTH NEUTRON

CASING COLLARS