600506

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 MI 42
FIELD Mitchell Lease
COUNTY Vernon County, Missouri

LOCATION: 989 FSL 1308 FWL
SEC 28 TWP 35N RGE 33W

OTHER SERVICES:

PERMANENT DATUM GL ELEV 814.5
LOG MEASURED FROM GL FT ABOVE PERM DATUM
DRILLING MEASURED FROM GL

ELEV K.B. NA
D.F. NA
G.L. 814.5

DATE	12-27-80	12-27-80
RUN NO	1 NW	1 NW
TYPE LOG	Gamma Ray	Neutron
DEPTH-DRILLER	200.0	200.0
DEPTH LOGGER	196.4	196.4
BOTTOM LOGGED INTERVAL	190.9	195.4
TOP LOGGED INTERVAL	0.0	4.5
TYPE FLUID IN HOLE	Water-oil	Water-oil
SALINITY, PPM CL		
DENSITY		
LEVEL	7.0	7.0
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	TO
O/H		TD

RECEIVED
JAN 07 1981
MO. OIL & GAS COUNCIL

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO	1 NW	RUN NO	1 NW
TOOL MODEL NO	705	LOG TYPE	New/Neu
DIAMETER	1 11/16"	TOOL MODEL NO	705
DETECTOR MODEL NO	705-GE	DIAMETER	1 11/16"
TYPE	GEIOGER	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

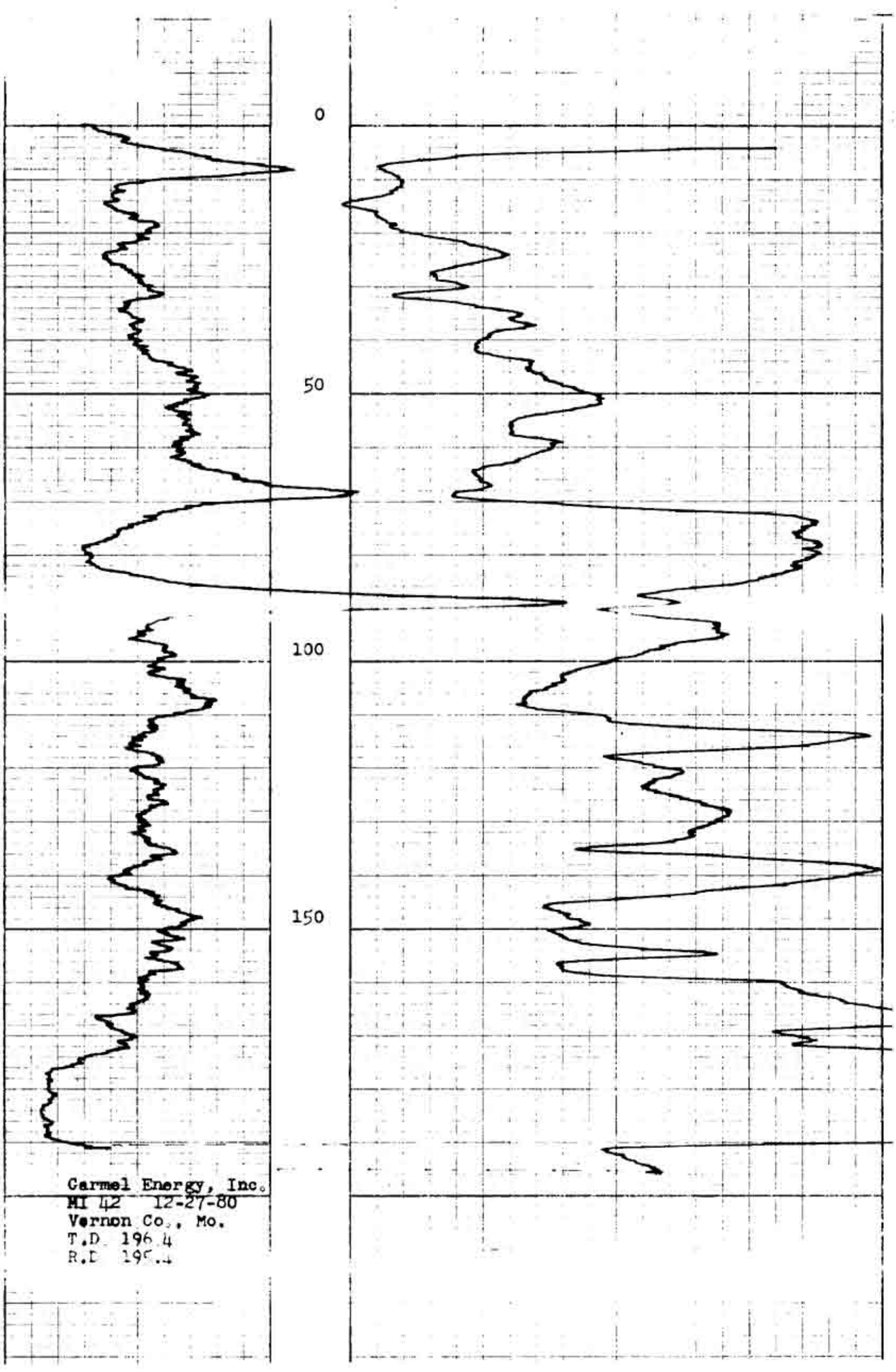
GENERAL				GAMMA RAY				NEUTRON			
RUN NO	DEPTHS FROM	DEPTHS TO	SPEED FT/MIN	T.C. SEC	SENS SETTINGS	ZERO DIV L OR R	API G R UNITS PER LOG DIV	T.C. SEC	SENS SETTINGS	ZERO DIV L OR R	API N UNITS PER LOG DIV
1NW	0	TD	20	4.0	100/075	0	10	4.0	500/100	5L	20

REFERENCE LITERATURE:

REMARKS Drilling Contractor: Layne Western Company

GAMMA RAY DEPTH NEUTRON

CASING COLLARS



Carmel Energy, Inc.
MI 42 12-27-80
Vernon Co., Mo.
T.D. 196.4
R.D. 195.4