600507

ENERGY RESOURCES, INC.

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

Lawrence, Kansas 66044
1203 Iowa
913 841-8806

RELEASED

FILING NO.

COMPANY CARMEL ENERGY INC.

WELL KE-72

FIELD KENNEDY LEASE

COUNTY VERNON - MISSOURI

LOCATION: 522.0 FWL 986.0 FSL

SEC 28 TWP 35N RGE 33W

OTHER SERVICES:

PERMANENT DATUM: G.L. ELEV. 814.2

LOG MEASURED FROM G.L. FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM G.L.

ELEV.: K.B. N.A.
D.F. N.A.
G.L. 814.2

DATE	1-2-81	1-2-81
RUN NO	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH-DRILLER		
DEPTH-LOGGER	165.2	165.2
BOTTOM LOGGED INTERVAL	159.7	164.2
TOP LOGGED INTERVAL	0.0	4.5
TYPE FLUID IN HOLE	WATER/OIL	WATER/OIL
SALINITY, PPM CL		
DENSITY		
LEVEL	FULL	FULL
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		

RECEIVED
JAN 08 1981
MO. OIL & GAS COUNCIL

EQUIPMENT DATA

GAMMA RAY			NEUTRON		
RUN NO	1 NW		RUN NO	1 NW	
TOOL MODEL NO	705		LOG TYPE	NEU/NEU	
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	

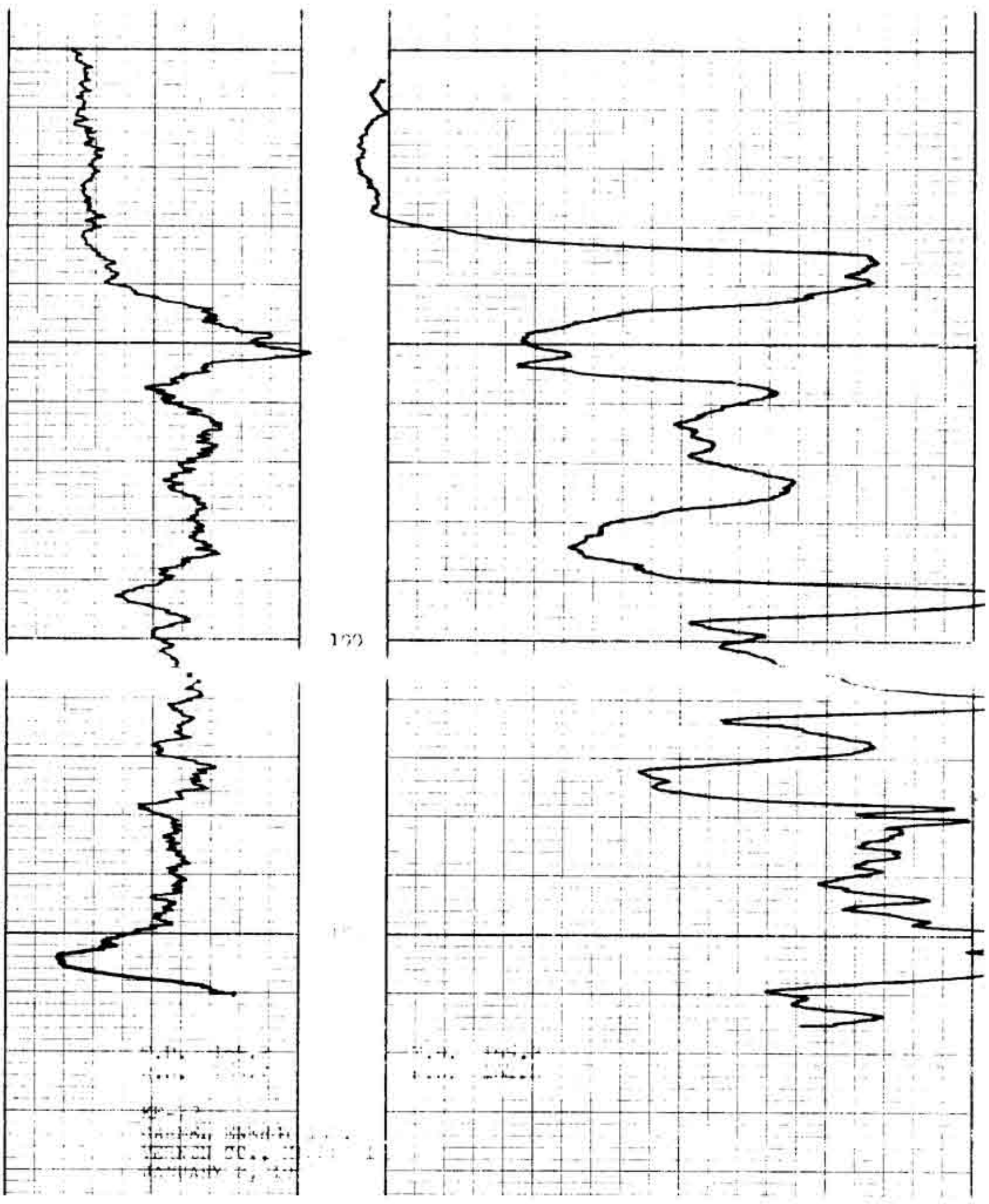
LOGGING DATA

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.	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 COMPANY

NKC 0 16240

GAMMA RAY DEPTH NEUTRON

CASING COLLARS