G00301

ENERGY RESOURCES, INC.

Pecos, Kansas 66071
P. O. Box 487
913-296-3080
Lawrence, Kansas 66044
1203 Iowa
913-841-3086

RELEASED

CONFIDENTIAL

FILING NO.

COMPANY CARMEL ENERGY INC.

WELL KE-80

FIELD KENNEDY LEASE

COUNTY VERNON - MISSOURI

LOCATION: 712.03 FSL
993.22 FWL

SEC 28 TWP 35N RGE 33W

OTHER SERVICES:

PERMANENT DATUM G.L. ELEV. 809.8
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. 809.8

DATE	1-2-81	1-2-81	
RUN NO.	1 NW	1 NW	
TYPE LOG	GAMMA RAY	NEUTRON	
DEPTH—DRILLER			
DEPTH—LOGGER	169.8	169.8	
BOTTOM LOGGED INTERVAL	164.3	168.8	
TOP LOGGED INTERVAL	0.0	4.5	
TYPE FLUID IN HOLE	OIL	OIL	
SALINITY, PPM CL.			
DENSITY			
LEVEL	5.0	5.0	
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
				OPEN HOLE		0	T.D.

RECEIVED
JAN 08 1981
MO. OIL & GAS COUNCIL

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 NB-3
LENGTH	1 3/8" x 18"	HE
DISTANCE TO N. SOURCE	4.5	1"x 6"
		71-1
		71-1-135 G
		13"
		AMBE-241
		3 CI

GENERAL

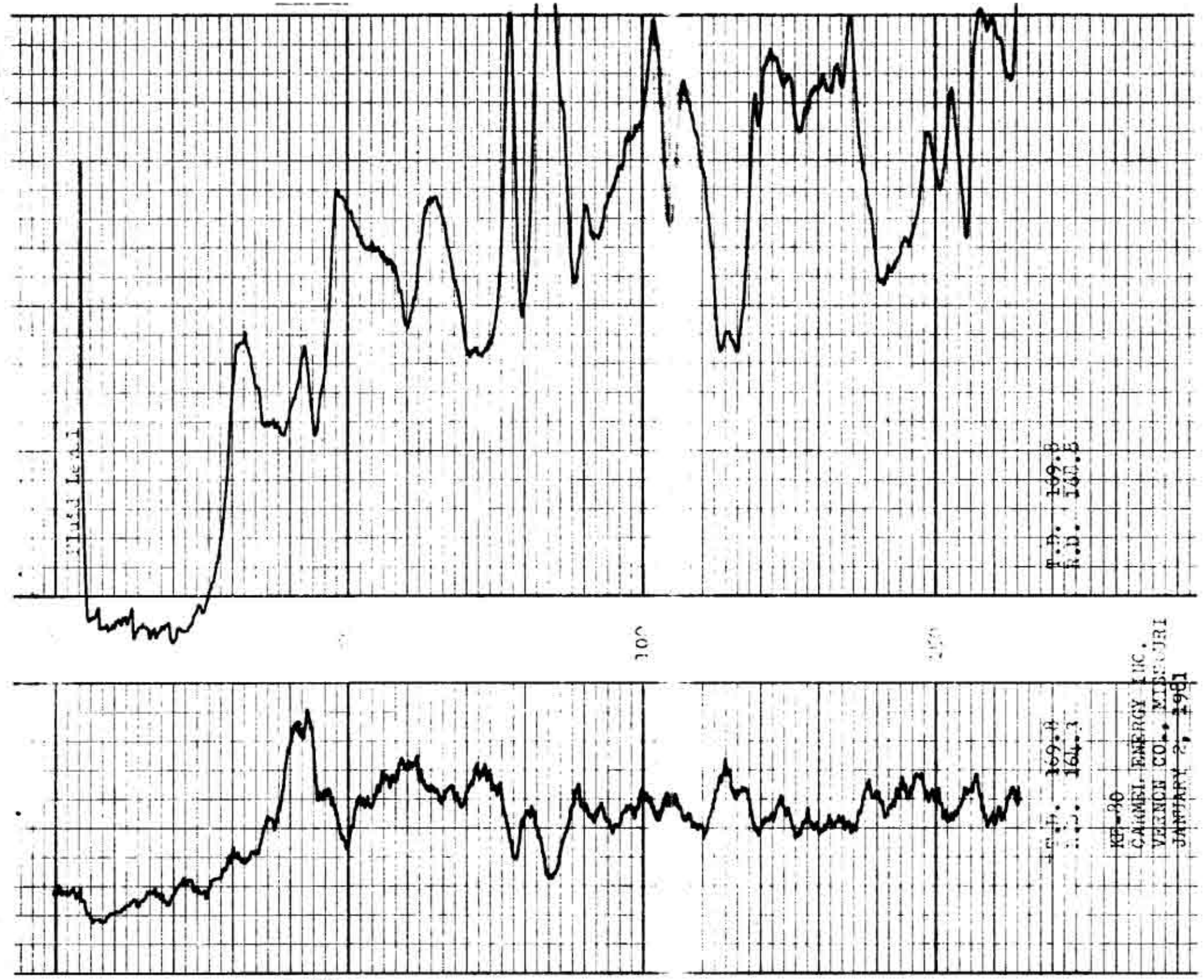
HOIST TRUCK NO.	0020
INSTRUMENT TRUCK NO.	0020
TOOL SERIAL NO.	0002

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	0	T.D.	20	4.0	100/075	0	10	4.0	500/100	5 L	20

REFERENCE LITERATURE: OPEN HOLE - NOT CEMENTED

REMARKS: DRILLING CONTRACTOR: LAYNE-WESTERN COMPANY

GAMMA RAY DEPTH NEUTRON

CASING COLLARS