G00317

ENERGY RESOURCES, INC.

Paola, Kansas 66071
P.O. Box 487
913 294 5050

Lawrence, Kansas 66044
1203 Iowa
913 841 8886

FILING NO

COMPANY CARNEL ENERGY INC. [redacted]

WELL WH 17 [redacted]

FIELD CHARLES WHITEFORD LEASE

COUNTY VERNON - MISSOURI

LOCATION 1941.0 FWL
165.0 FNL

SEC 28 TWP 35N RGE 33W

OTHER SERVICES

PERMANENT DATUM G.L.
LOG MEASURED FROM G.L.
DRILLING MEASURED FROM G.L.

ELEV 809.2 FT ABOVE PERM DATUM

ELEV K.B. N/A
D.F. N/A
G.L. 809.2

DATE	11-7-80	11-7-80	
RUN NO	1 NW	2 NW	
TYPE LOG	GAMMA RAY	NEUTRON	
DEPTH-DRILLER	180.0	179.0	
DEPTH-LOGGER	180	180	
BOTTOM LOGGED INTERVAL	179.6	180.0	
TOP LOGGED INTERVAL	0.0	0.0	
TYPE FLUID IN HOLE	WATER	WATER	
SALINITY PPM CL			
DENSITY			
LEVEL	10.0	10.0	
MAX REC TEMP DEG F			
OPERATING RIG TIME			
RECORDED BY	PHATT	PHATT	
WITNESSED BY			

RUN NO	BORE HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT	FROM	TO
				O/H		0	T.D.

NOV 14 1980
MD. OIL & GAS COUNCIL

EQUIPMENT DATA

GAMMA RAY

RUN NO	1 NW
TOOL MODEL NO	70
DIAMETER	1 11/16
DETECTOR MODEL NO	70 SGR
TYPE	GM GSR
LENGTH	2 2/2
DISTANCE TO N SOURCE	1.0 ft

NEUTRON

RUN NO	2 NW
LOG TYPE	NEU/NEU
TOOL MODEL NO	70
DIAMETER	1 11/16
DETECTOR MODEL NO	70 HE-3
TYPE	HE-3 X 3"
LENGTH	22 1/2
SOURCE MODEL NO	22 1/2 - 333 G
SERIAL NO	22
SPACING	AMSE-24
TYPE	2 CI
STRENGTH	

GENERAL

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

LOGGING DATA

GENERAL

RUN NO	DEPTHS FROM	TO	SPEED FT/MIN	T.C. SEL	SENS SETTINGS
1	0	T.D.	20	L	0.100/075

GAMMA RAY

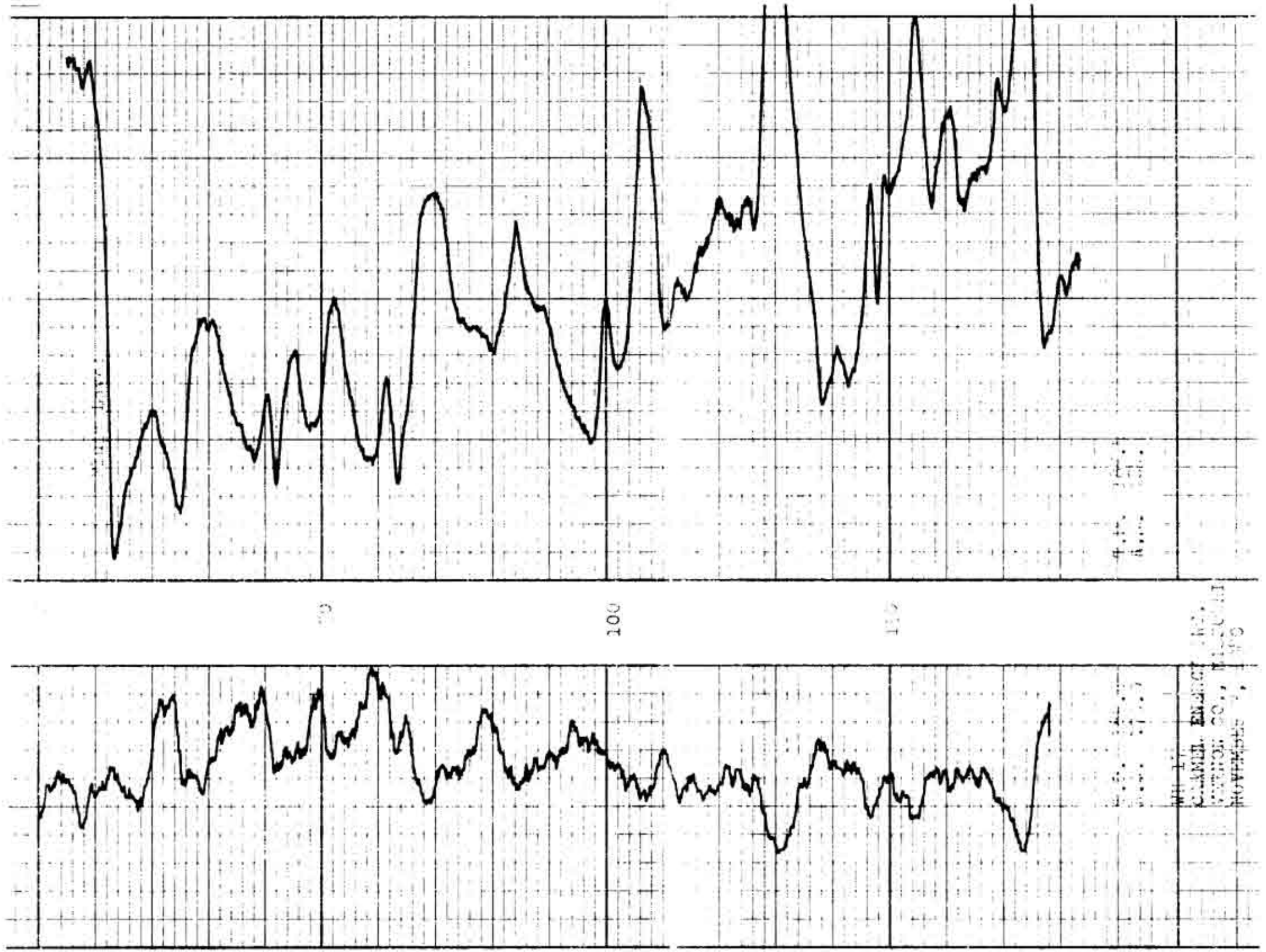
RUN NO	ZERO DIV.	LOB	API GR UNITS PER LOG DIV.	T.C. SEC	SENS SETTINGS
1	0		10	L	0500/100

NEUTRON

RUN NO	ZERO DIV.	LOB	API N UNITS PER LOG DIV.
2	8	L	20

REFERENCE LITERATURE

REMARKS

GAMMA RAY DEPTH NEUTRON

CASING COLLARS