G00306

ENERGY RESOURCES, INC.

Paola, Kansas 66071
P O Box 467
913-294-5060
Lawrence, Kansas 66044
1203 Iowa
913-841-8886

FILING NO. _____

COMPANY CARROLL ENERGY INC. [redacted]

WELL NO. 11 [redacted]

FIELD E. W. WOLFF LEASE

COUNTY VERNON - MISSOURI

LOCATION: 1561.0 FNL 165.0 FWL

SEC 15 TWP 35N RGE 33W

OTHER SERVICES: CCL

PERMANENT DATUM: G.L. ELEV. 787.9

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

DRILLING MEASURED FROM G.L.

ELEV.: K.B. _____ D.F. _____ G.L. 787.9

DATE	10-17-80	10-17-80
RUN NO	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER	101.0	101.0
DEPTH—LOGGER	95.5	100.0
BOTTOM LOGGED INTERVAL	0.0	4.2
TOP LOGGED INTERVAL	WATER	WATER
TYPE FLUID IN HOLE		
SALINITY, PPM CL		
DENSITY	FULL	FULL
LEVEL		
MAX. REC. TEMP., DEG F.		
OPERATING RIG TIME	ENGINE	ENGINE
RECORDED BY		
WITNESSED BY		

BORE-HOLE RECORD

RUN NO	BIT	FROM	TO

CASING RECORD

SIZE	WGT	FROM	TO
O/H		0	TD

OCT 22 1980

MO. OIL & GAS COUNCIL

ROLO MEBB — THIS HEADING AND LOG CONFORMS TO API RP 33

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.	705-3E		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	

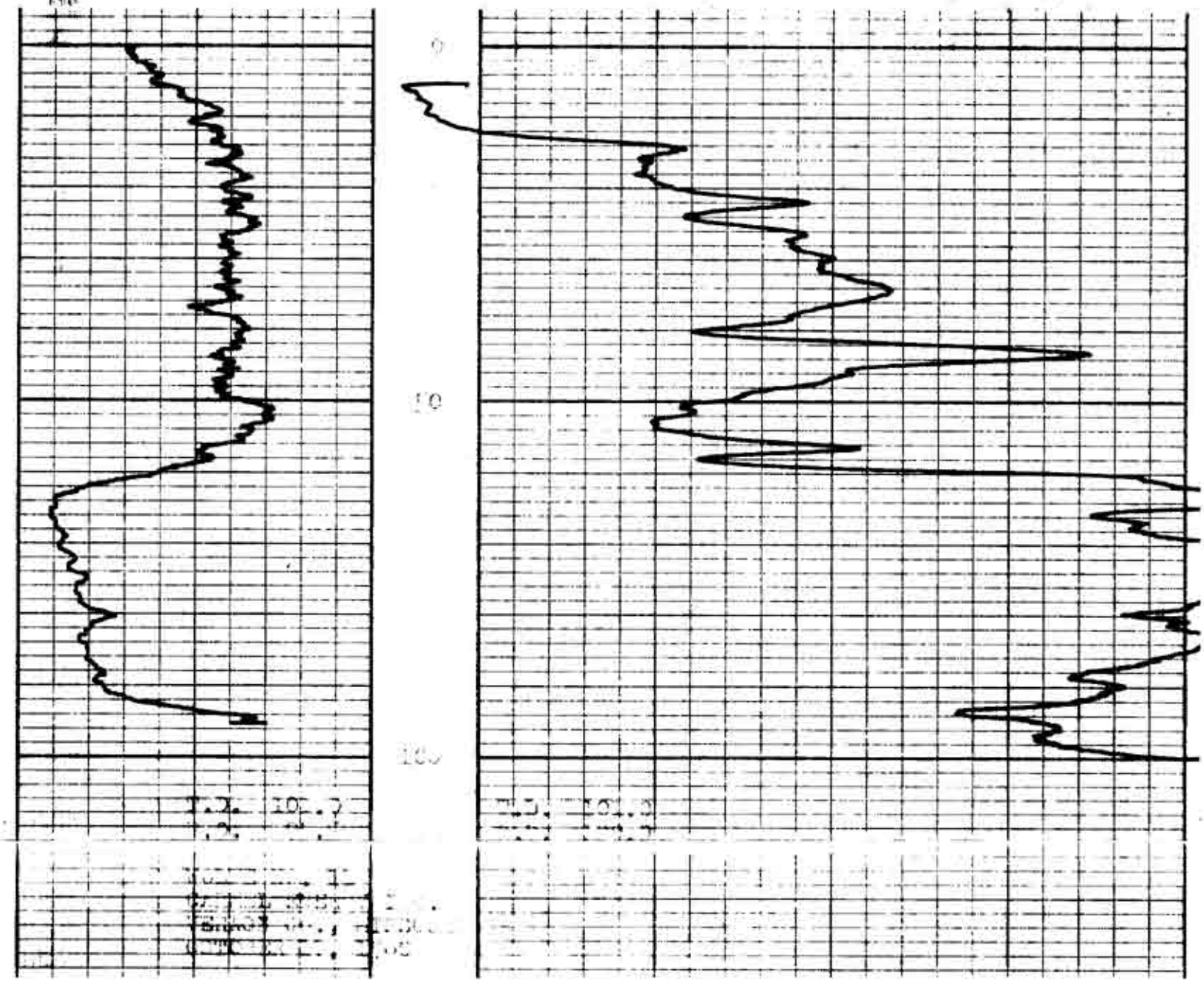
LOGGING DATA

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	10	4.0	500/100	5 L	20

REFERENCE LITERATURE: OPEN HOLE - NOT CEMENTED

REMARKS DRILLING CONTRACTOR: LANE-WESTERN COMPANY

NSCO 16240

GAMMA RAY DEPTH NEUTRON

CASING COLLARS