G00352

Permit #26523

ENERGY RESOURCES, INC.

Phone, Kansas (0011)
P.O. Box 401
913-294-2092

Lawrence Resource Record
1500 Tenth
913 841-1866

TURNKEY NO.

COMPANY CARROLL ENERGY INC.

WELL 17 MO. 0

FIELD IDA PAUTRECHE (B)

COUNTY VERNON CO., MISSOURI

LOCATION 1565.0 FNL
165.0 FEL

SEC. 3 TWP. 35N RGE. 33W

OTHER SERVICES

PERMANENT DATUM	G.L.	ELEV. 768.7	ELEV. K.B.
LOG MEASURED FROM	G.L.	FT. ABOVE PERM. DATUM	D.F.
DRILLING MEASURED FROM	G.L.		G.L. 768.7

DATE	9-17-80	9-17-80
RUN NO.	1 MV	1 MV
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH-DRILLER	142.0	142.0
DEPTH-LOGGER	137.9	137.9
BOTTOM LOGGED INTERVAL	136.9	136.9
TOP LOGGED INTERVAL	0.0	0.5
TYPE FLUID IN HOLE	WATER	WATER
SALINITY, PPM Cl	[redacted]	[redacted]
DENSITY	FULL	PPG
LEVEL	[redacted]	[redacted]
MAX. REC. TEMP. DEG. F		
OPERATING RIG TIME	FRANK	FRANK
RECORDED BY		
WITNESSED BY		

BOREHOLE RECORD			CASING RECORD		
RUN NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
		0	142	7"	17#	0	T.D.

FOLD HERE — THIS HEADING AND LOG CONFORMS TO API RP 33

EQUIPMENT DATA

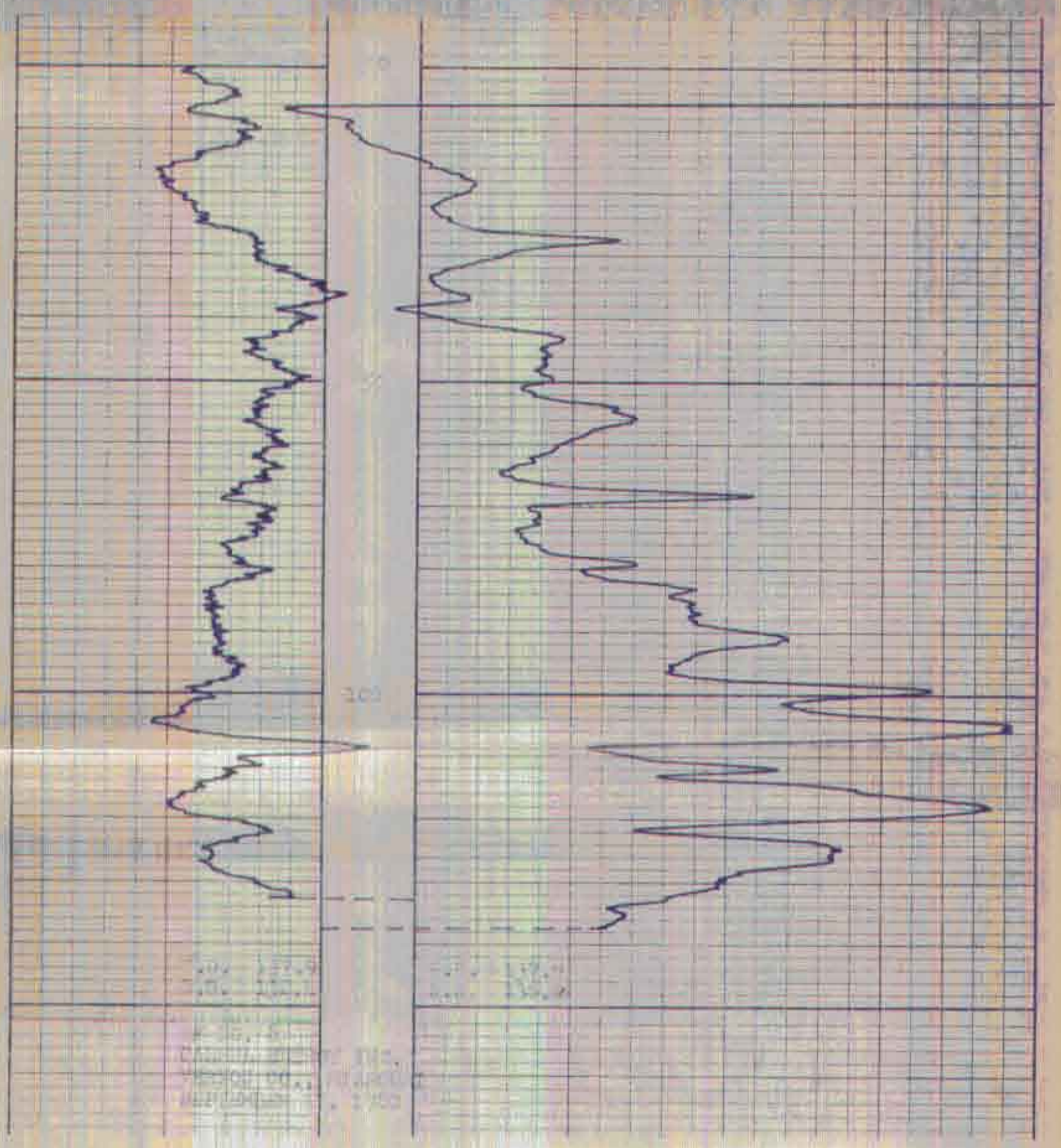
GAMMA RAY		NEUTRON	
RUN NO.	1 MV	RUN NO.	1 MV
TOOL MODEL NO.	705	LOG TYPE	MNU/DNT
DIAMETER	1 11/16"	TOOL MODEL NO.	705
DETECTOR MODEL NO.	705-03	DIAMETER	1 11/16"
TYPE	GEIGER	DETECTOR MODEL NO.	705-33-1
LENGTH	1 3/8" x 18"	TYPE	HE3
DISTANCE TO N. SOURCE	4.5	LENGTH	1" x 6"
		SOURCE MODEL NO.	71-1
GENERAL		SERIAL NO.	71-1-335 0
HOIST TRUCK NO.	0020	SPACING	13"
INSTRUMENT TRUCK NO.	0020	TYPE	AMS-21
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	200/035	0	10	4.0	500/100	8 L	20

REFERENCE LITERATURE OPEN HOLE - ROP CEMENTED

REMARKS DRILLING COMPANY LAYNE-NORTHERN COMPANY

GAMMA RAY DEPTH NEUTRON

CASING COLLARS