G01122

ENERGY RESOURCES, INC.

Paola Kansas 66071
913 294-5050

Lawrence, Kansas 66044
1203 Iowa
913 841-6886

FILING NO.

COMPANY HNG FOSSIL FUELS COMPANY

WELL FR 13

FIELD ARNOLD PRITTER LEASE

COUNTRY VERNON CO., MISSOURI

LOCATION: S/2 SE/4
SEC 8 TWP 36N RGE 33W

OTHER SERVICES:

PERMANENT DATUM: G.L. ELEV. 817.0
LOG MEASURED FROM G.L. FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM G.L.

ELEV.: K.B. D.F. G.L. 817.0

DATE	4-16-80	4-16-80
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER		
DEPTH—LOGGER	274.3	274.3
BOTTOM LOGGED INTERVAL	268.8	273.3
TOP LOGGED INTERVAL	0.0	4.5
TYPE FLUID IN HOLE	WATER	WATER
SALINITY, PPM CL		
DENSITY		
LEVEL	FULL	FULL
MAX. REC. TEMP., DEG F.		
OPERATING RIG TIME		
RECORDED BY	E. PRATT	E. PRATT
WITNESSED BY	D. MORGAN	D. MORGAN

BORE-HOLE RECORD

RUN NO.	BIT	FROM	TO

CASING RECORD

SIZE	WGT.	FROM	TO
O/H		0	T.D.

JUL 1 1 1980

NO. OIL

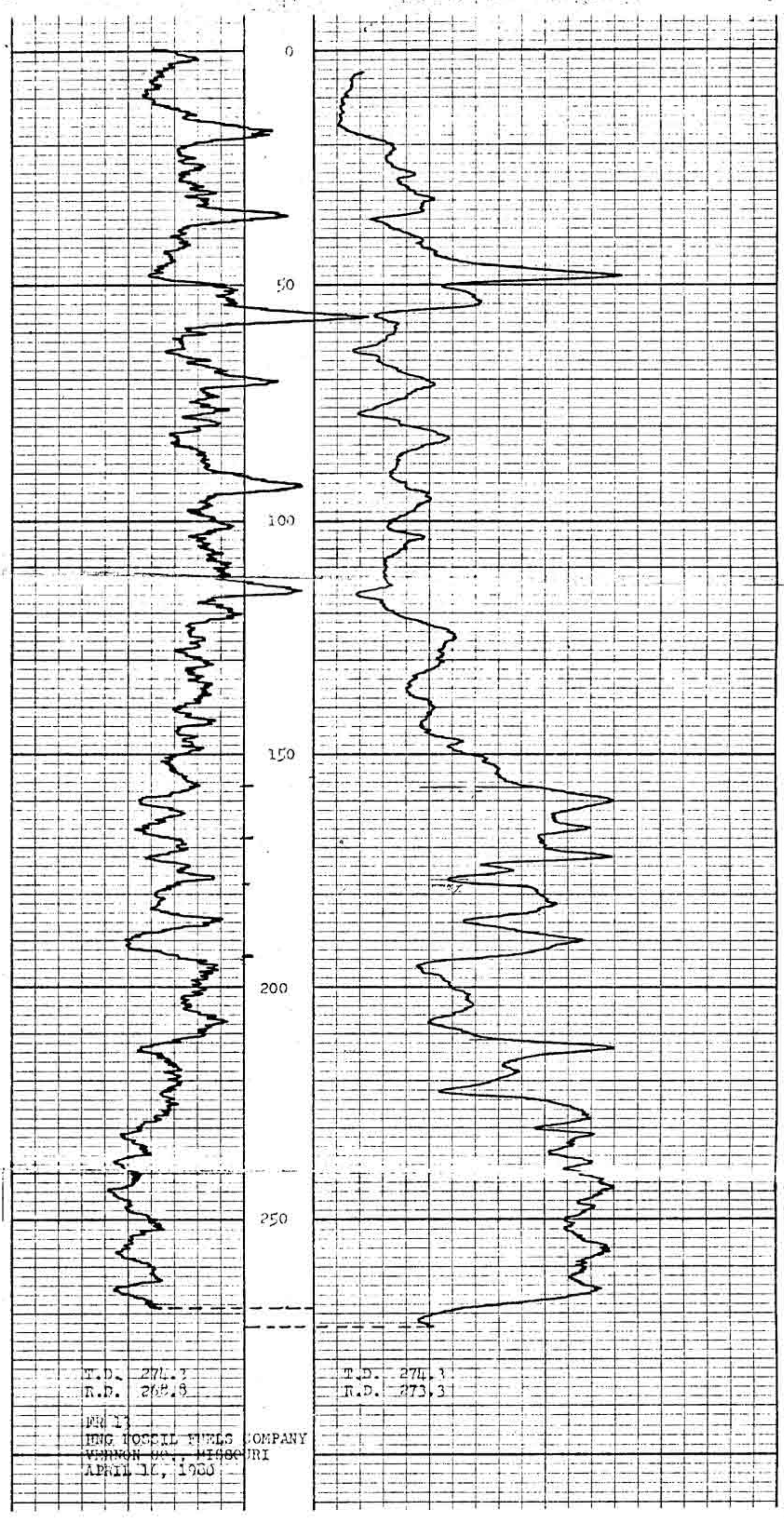
FOLD HERE — THIS HEADING AND LOG CONFORMS TO API RP 33

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-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.	30	2.0	100/100	3 R	10	2.0	500/095	0	20

REFERENCE LITERATURE: OPEN HOLE - NOT CEMENTED

REMARKS DRILLING CONTRACTOR: LAYNE-WESTERN COMPANY