G01451

ENERGY RESOURCES, INC.

Paola Kansas 66071
410 N. Silver
913-294-5050

Lawrence Kansas 66044
1203 Iowa
913-841-8886

FILING NO.

COMPANY HNG FOSSIL FUELS COMPANY

WELL #4

FIELD JOHNSON

COUNTY VERNON, MISSOURI

RELEASED

LOCATION: NE-NE-NW
643.35' FNL & 2692.71' FEL

SEC 8 TWP 36 RGE 33

OTHER SERVICES: CCL 2cc

PERMANENT DATUM: GL ELEV N/A

LOG MEASURED FROM GL FT. ABOVE PERM. DATUM

DRILLING MEASURED FROM GL

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

DATE	9-10-81	9-10-81
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH-DRILLER		
DEPTH-LOGGER	146.0	146.0
BOTTOM LOGGED INTERVAL	141.5	145.0
TOP LOGGED INTERVAL	0.0	0.0
TYPE FLUID IN HOLE	WATER	WATER
SALINITY, PPM CL		
DENSITY		
LEVEL	FULL	FULL
MAX. REC. TEMP., DEG F.		
OPERATING RIG TIME		
RECORDED BY	NEWMAN	NEWMAN
WITNESSED BY		

RECEIVED
SEP 17 1981
MO. OIL & GAS COUNCIL

BORE-HOLE RECORD

RUN NO.	BIT	FROM	TO
1			

CASING RECORD

SIZE	WGT.	FROM	TO
		0.0	T.D.

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 3/8x18"	TYPE	HE
DISTANCE TO N. SOURCE	4.5	LENGTH	1" x 6"
		SOURCE MODEL NO.	71-1
GENERAL		SERIAL NO	71-1-366B
HOIST TRUCK NO.	0036	SPACING	13°
INSTRUMENT TRUCK NO.	0036	TYPE	AMBE-241
TOOL SERIAL NO.	0002	STRENGTH	3 CI

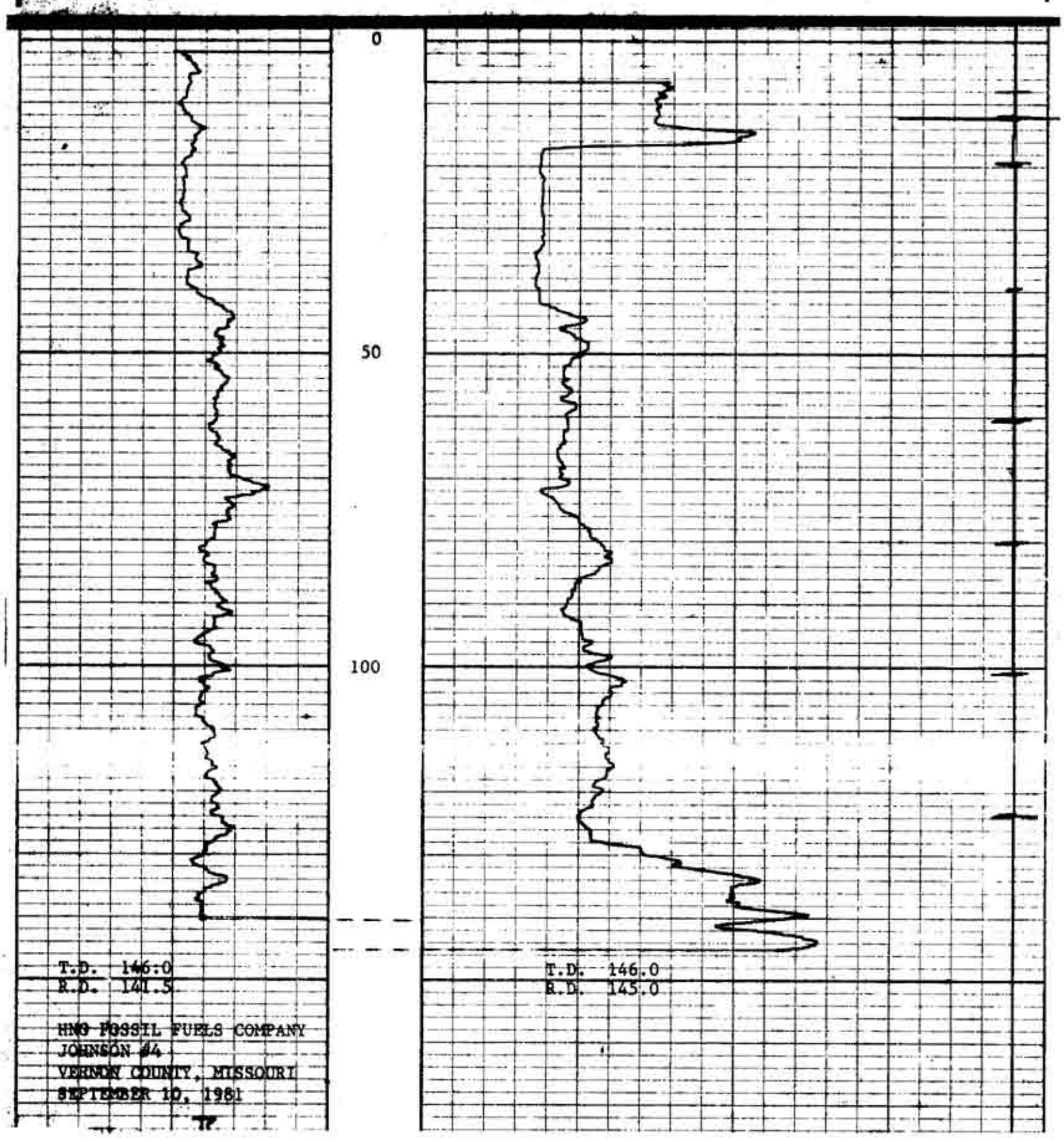
LOGGING DATA

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	95/100	2-R	10	4.0	100/500	3-L	20

REFERENCE LITERATURE:

REMARKS

NSCO 16740

GAMMA RAY DEPTH NEUTRON

CASING COLLARS