G00433

Permit #20545

ENERGY RESOURCES, INC.

COMPANY: [redacted]

WELL: DK-1 NO. 4

FIELD: N. ROUTEAU WASH

COUNTY: VERNON - MISSOURI

ELEVATION: 1155.0 PML / 1154.0 PML

OTHER SERVICES:

SEC. 21 TWP. 35S RGE. 33W

PERMANENT DATUM: G.L. ELEV.:

LOG MEASURED FROM: G.L. FT. ABOVE PERM. DATUM: K.B.: D.F.: G.L.:

DRILL MEASURED FROM: G.L.

DATE	8-24-90	8-24-90
RUN NO.	1 HV	1 HV
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH-DRILLER	130.0	130.0
DEPTH-LOGGER	129.9	129.9
BOTTOM LOGGED INTERVAL	129.9	129.9
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		
ESTIMATED BHT		
RECORDED BY	E. FRATT	E. FRATT
WITNESSED BY	V. YOUNG	V. YOUNG

BORE-HOLE RECORD				CASING RECORD			
RUN NO.	BIT	FROM	TO	TYPE	WGHT	FROM	TO
				O/H		0	T.D.

OCT 0 6 1990

MO. OIL & GAS COUNCIL

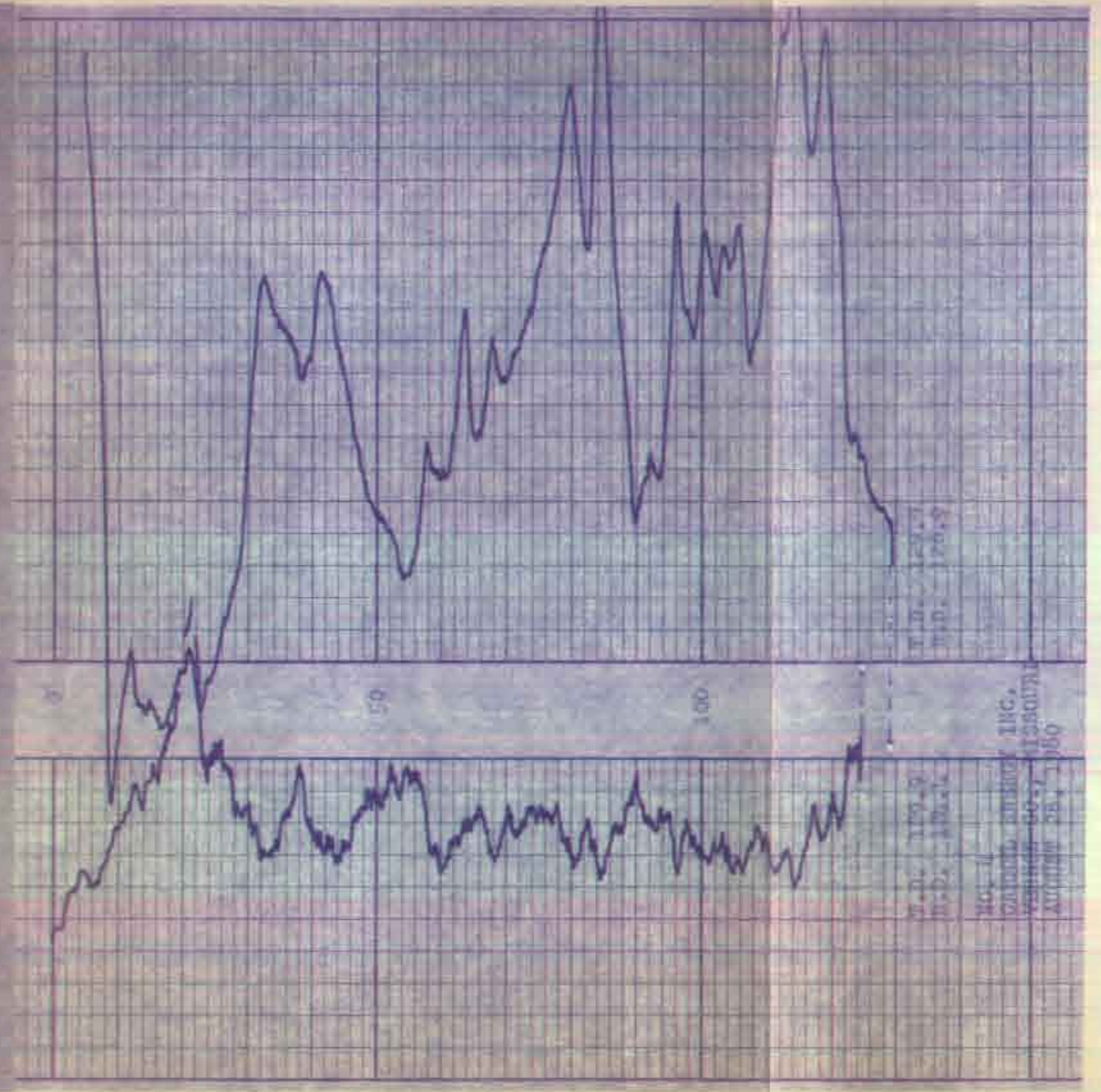
EQUIPMENT DATA

GAMMA RAY	NEUTRON
RUN NO.	1 HV
LOG TYPE	NEUTRON
TOOL MODEL NO.	30C
DIAMETER	1 11/16"
DETECTOR MODEL NO.	20C HPC-2
TYPE	GM
LENGTH	18"
SOURCE MODEL NO.	
SOURCE STRENGTH	
OTHERS	

LOGGING DATA

GENERAL	GAMMA RAY	NEUTRON
RUN NO.	1 HV	1 HV
TOOL SPEED	10	10
SPEED FT/MIN.	20	20
TIME CONST. SEC.	1	1
MAX. SENSITIVITY	100/100C	100/100C
ZERO SUPPRESS	2.6	2.6
API G.R. UNITS PER 100 DIV.	10	20

CASING COLLARS

GAMMA RAY NEUTRON

DEPTH