G00070

Permit #20296

ENERGY RESOURCES, INC.

Pratt, Kansas 67124
410 N. Street
(316) 672-5500

Lawrence, Kansas 66044
1200 Elm
(913) 841-8886

RUN NO.

COMPANY: PRAIRIE ENERGY CORPORATION

WELL: 4-A

FIELD: ALLENDALE

COUNTY: JACKSON, MISSOURI

LOCATION: 2167' FSL 2262.5' FWL

SEC. 36 TWP. 47 RGE. 33

OTHER SERVICES: CCL

PERMANENT DATUM: GL — ELEV. 981.7

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	5-25-81	5-25-81
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH - DRILLER		
DEPTH - LOGGER	564.0	564.0
BOTTOM LOGGED INTERVAL	559.5	563.0
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		

BORE-HOLE RECORD

RUN NO.	BIT	FROM	TO	SIZE	WGT.

CASING RECORD

	FROM	TO	SIZE	WGT.

RECEIVED
OCT 01 1981
MO. OIL & GAS COUNCIL

EQUIPMENT DATA

GAMMA RAY	
RUN NO.	1 NW
TOOL MODEL NO.	7-SS
DIAMETER	1 11/16"
DETECTOR MODEL NO.	CD-2B
TYPE	1 3/8x18"
LENGTH	4.5
DISTANCE TO M. SOURCE	
MOUNT BOX NO.	0036
TOOL SERIAL NO.	36
TOOL SERIAL NO.	0002

NEUTRON	
RUN NO.	1 NW
TOOL MODEL NO.	3-DDT-NW
DIAMETER	705
DETECTOR MODEL NO.	2 1/16" HE-3
TYPE	HE
LENGTH	1 3/4"
SOURCE MODEL NO.	7-A-1
SERIAL NO.	7A-1-3468
STRENGTH	1.3"
SOURCE MODEL NO.	AMN-241
SERIAL NO.	3 CI

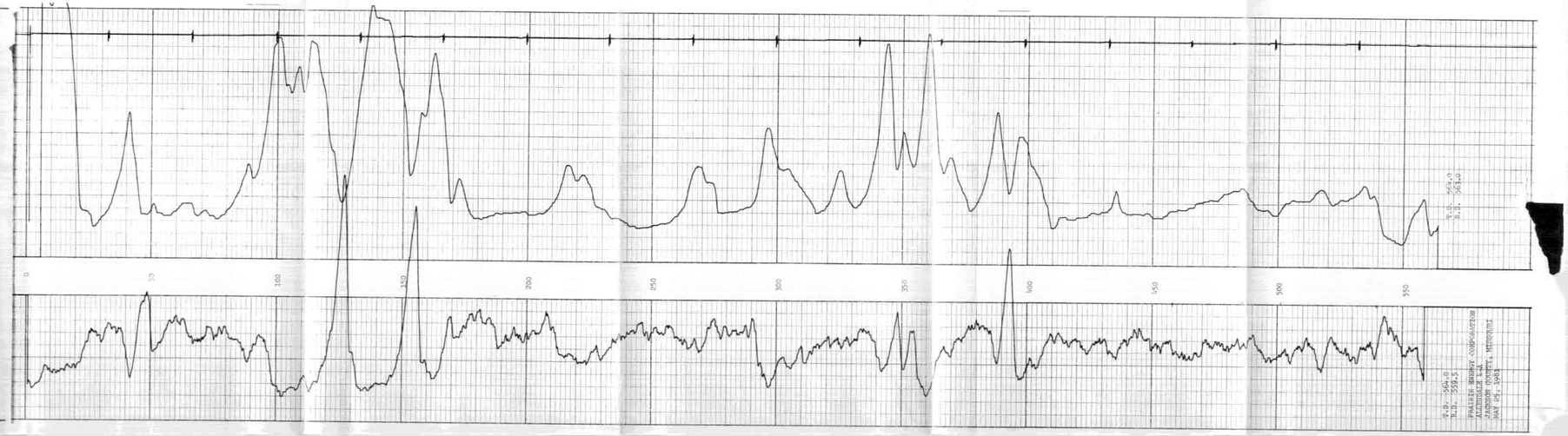
LOGGING DATA

GAMMA RAY											
RUN NO.	FROM	TO	SPEED FT./MIN.	T.C. SEC.	SENS. SETTINGS	DIV. FOR 1 CM.	API UNITS PER LOG DIV.	T.C. SEC.	SENS. SETTINGS	DIV. FOR 1 CM.	API UNITS PER LOG DIV.
2	0	5.1+	20	4	100/99	0-R	10	4	500/100	3-R	20

NEUTRON

REFERENCE (LIMITATIONS)

REMARKS: DRILLING CONTRACTOR: H & H DRILLING

GAMMA RAY DEPTH NEUTRON

CASING COLLAPSE