G21359

Permit # 20383

ENERGY RESOURCES, INC.

Tulsa, Oklahoma 74103
415 N. James
918 582-5700

Lawrence, Kansas 66044
2300 Iowa
913 841-8500

FILING NO.

COMPANY Paul Kernodle & Sons Enterprises

WELL #9

FIELD KERNODLE

COUNTY JACKSON, MISSOURI

LOCATION 390' FSL & 376' FEL

SEC. 10 TWP. 47 RGE. 33

FT. ABOVE PERM. DATUM

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

OTHER SERVICES CCL

MO. OIL & GAS COUNCIL

DEC 03 1984

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THIS RECORD AND LOG CONFORMS TO API RP 33

DATE	8-4-81	8-4-81
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
BOTTOM-DRILLER		
BOTTOM-LOGGER	449.0	449.0
TOP LOGGED INTERVAL	0.0	0.0
TOP LOGGED INTERVAL	449.0	449.0
TYPE FLUID IN HOLE	WATER	WATER
SALINITY PPM Cl		
DENSITY		
LEVEL	FULL	FULL
MAX. REC. TEMP. DEG. F		
OPERATING RIG TIME		
RECORDED BY	NORMAN	NORMAN
WITNESSED BY		

RUN NO.	BIT	DRILLER DEPTH	LOGGER DEPTH	CASING RECORD SIZE	WGHT	FROM	TO
1	2"	0.0	T.D.	2"		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 HN-3
LENGTH	1 3/8x18"	TYPE	HE
DISTANCE TO N. SOURCE	4.5	LENGTH	1" x 6"
		SOURCE MODEL NO.	71-1
		SERIAL NO.	71-1-335G
		SPACING	13"
		TYPE	AMBE-241
		STRENGTH	3 CI

GENERAL	
MOIST TRUCK NO.	0020
INSTRUMENT TRUCK NO.	0020
TOOL SERIAL NO.	0002

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	0.0	T.D.	20	4.0	95/100	2-R	10	4.0	100/500	3-L	20

REFERENCE LITERATURE: 2" - CEMENTED

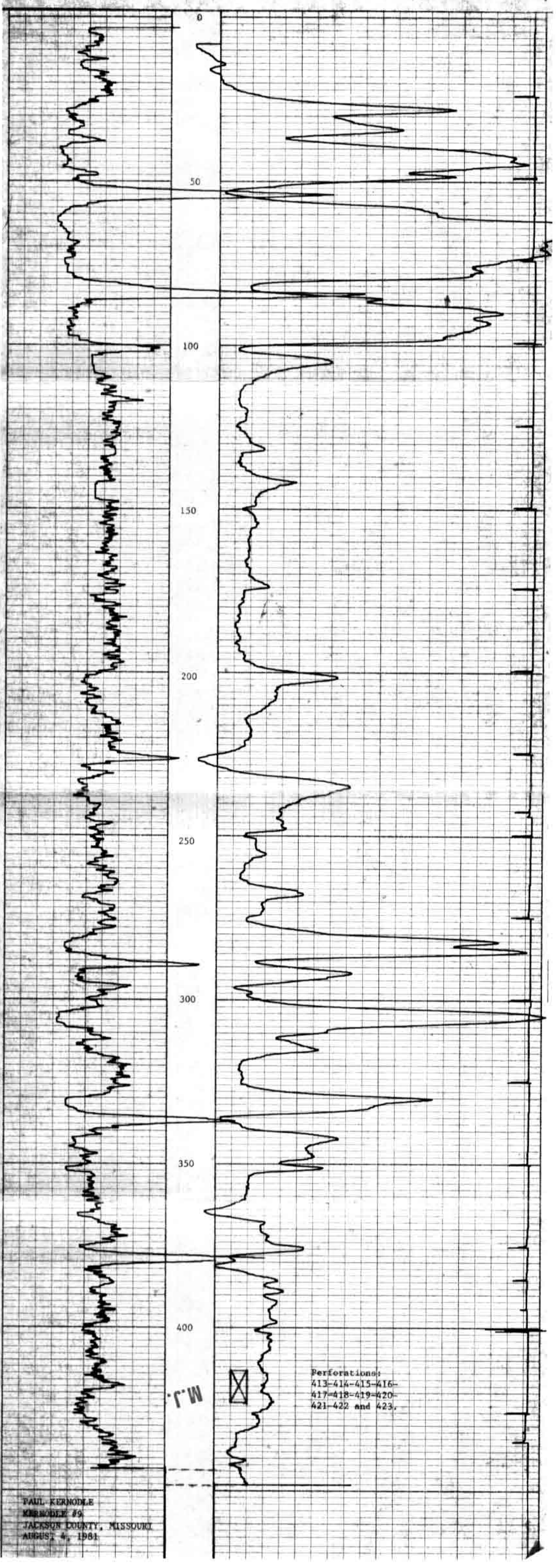
SEATING NIPPLE: 400.0

REMARKS: DRILLING CONTRACTOR: TOWN OIL COMPANY

NCCO-1242

GAMMA RAY DEPTH NEUTRON

CASING COLLARS



PAUL KERNODLE
KERNODLE #9
JACKSON COUNTY, MISSOURI
AUGUST 4, 1981