G00157

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KANSAS GEOLOGICAL & GAS COUNCIL

MIDWEST SURVEYS

LOGGING • PERFORATING • PRESSURE SURVEYS

Field Office
Paola, Kansas 66071
Box 328
913 294-4326

Pratt, Kansas 67124
Box 1342
316 672-5201

Kansas City, Mo. 64108
816 842-1717

FILING NO

COMPANY CARMEL ENERGY, INC.

WELL NO. 89A

FIELD IDA FAUVERQUE LEASE

COUNTY VERNON COUNTY, MO

LOCATION DOC # 20380 1129' FNL & 687' FWL SE-NW-NW

SEC 33 TWP 35N RGE 31W

OTHER SERVICES CCL

2cc

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

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

DATE	9-3-81	9-3-81
RUN NO	1 ON	1 ON
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER		
DEPTH—LOGGER	119.2	119.2
BOTTOM LOGGED INTERVAL	111.2	118.2
TOP LOGGED INTERVAL	10.0	17.0
TYPE FLUID IN HOLE	WTR/OIL	WTR/OIL
SALINITY, PPM CL		
DENSITY		
LEVEL	FULL	FULL
MAX REC TEMP, DEG F		
OPERATING RIG TIME		
RECORDED BY	REM RAMSON	REM RAMSON
WITNESSED BY	J. Webber	J. Webber

BORE-HOLE RECORD

RUN NO	BIT	FROM	TO

CASING RECORD

SIZE	WGT	FROM	TO
4½ OH		0.0	92.5
		92.5	T.D.

FOLD HERE

THIS HEADING AND LOG CONFORMS TO API RP 33

EQUIPMENT DATA

GAMMA RAY		NEUTRON	
RUN NO.	1 ON	RUN NO	1 ON
TOOL MODEL NO.	104	LOG TYPE	NEU/NEU
DIAMETER	1 11/16"	TOOL MODEL NO.	104
DETECTOR MODEL NO	E-1057	DIAMETER	1 11/16"
TYPE	SCINT.	DETECTOR MODEL NO.	E-1031
LENGTH	1" x 4"	TYPE	HE-3
DISTANCE TO N. SOURCE	7.0	LENGTH	1" x 6"
		SOURCE MODEL NO.	71-1
GENERAL		SERIAL NO.	71-1-3543
HOIST TRUCK NO	NA	SPACING	13"
INSTRUMENT TRUCK NO	104	TYPE	AM241BE
TOOL SERIAL NO	MS-0001	STRENGTH	3 CI

LOGGING DATA

RUN NO	DEPTH FROM	DEPTH 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
				GAMMA RAY				NEUTRON			
1	10.0	118.2	25	3.0	600/100	2L	10	3.0	300/100	3L	20

REFERENCE LITERATURE: 4½" - CEMENTED

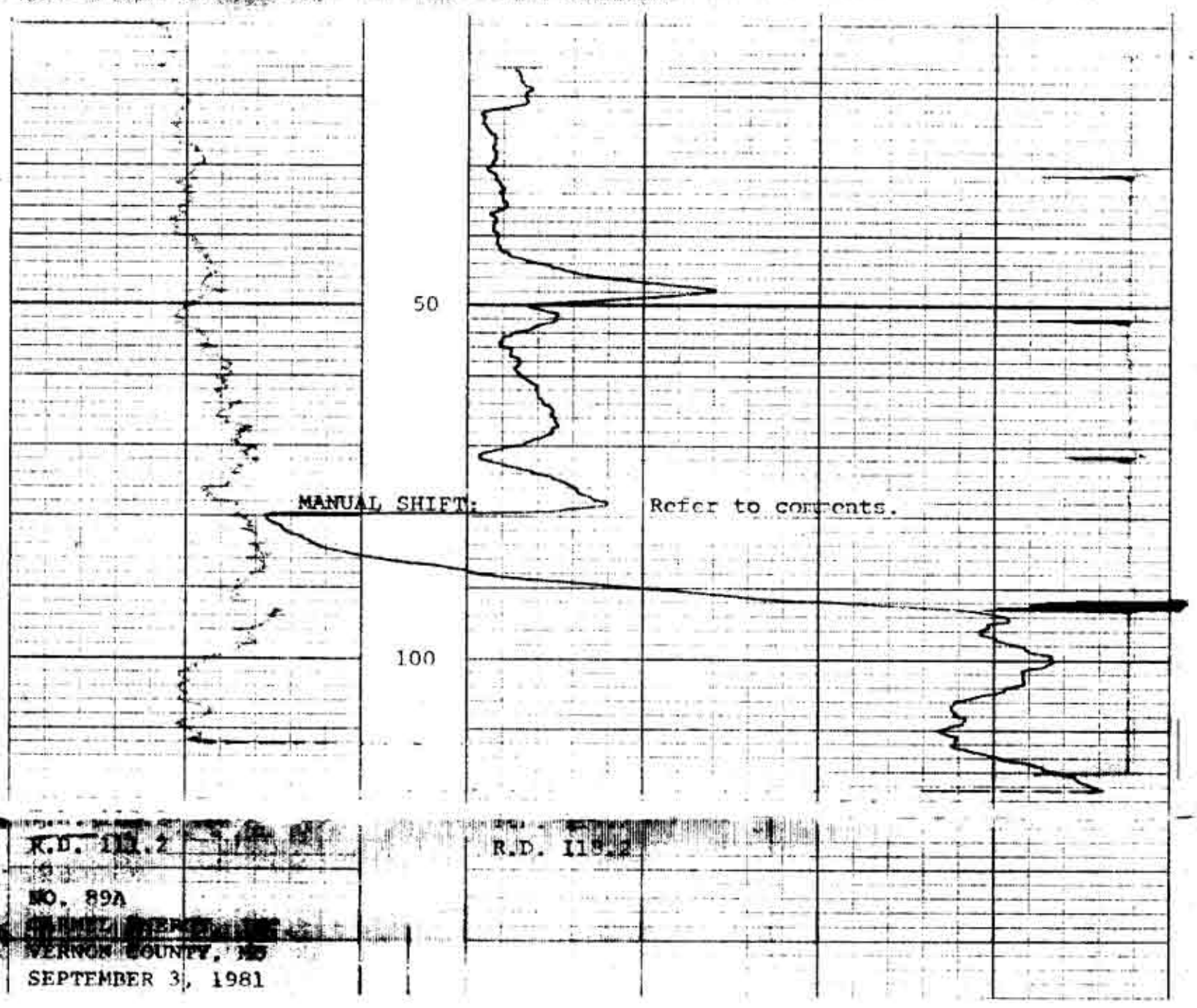
REMARKS: D.C. - LAYNE - WESTERN CO.

COMMENTS: Manual shift made to compensate for instrument sensitivity change from open hole to casing.

NSCO 16240

GAMMA RAY DEPTH NEUTRON

CASING
COLLARS



NO. 89A
CARMEL ENERGY, INC.
VERNON COUNTY, MO
SEPTEMBER 3, 1981