600588

MIDWEST SURVEYS

LOGGING • PERFORATING • COMMUNICATING SERVICES

Field Office: Peola, Kansas 66071, Box 328, 913 294-4326
Wellsville, Kansas: 913 883-4?00
Kansas City, Mo. 64138: P.O. Box 11598, 816 356-1973

RECEIVED
MAR 27 1981

FILING NO.

COMPANY CARMEL ENERGY, INC.
WELL NO. 86
FIELD L. KENNEDY LEASE
COUNTY VERNON COUNTY, MO.

LOCATION: 440.0 FSL 836.0 FWL
SEC 28 TWP 35N RGE 33W

OTHER SERVICES: CCL

ELEV. K.B. NA
D.F. NA
G.L. 806.9

PERMANENT DATUM G.L. ELEV. 806.9
LOG MEASURED FROM G.L. FT ABOVE PERM. DATUM
DRILLING MEASURED FROM G.L.

DATE	2-21-81	2-21-81
RUN NO	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER	157.0	157.0
DEPTH—LOGGER	157.0	157.0
BOTTOM LOGGED INTERVAL	151.5	156.0
TOP LOGGED INTERVAL	3.5	8.0
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	PRATT	PRATT
WITNESSED BY		

BORE-HOLE RECORD

RUN NO.	BIT	FROM	TO

CASING RECORD

SIZE	WGT.	FROM	TO
4 ½"		0.0	43.0
O/H		43.0	157.0

RELEASED

FOLD HERE

THIS HEADING AND LOG CONFORMS TO API RP 33

EQUIPMENT DATA

GAMMA RAY			NEUTRON		
RUN NO	1 NW		RUN NO	1 NW	
TOOL MODEL NO	102		LOG TYPE	NEU/NEU	
DIAMETER	1 11/16"		TOOL MODEL NO	102	
DETECTOR MODEL NO	E-1057		DIAMETER	1 11/16"	
TYPE	SCINT.		DETECTOR MODEL NO	E-1031	
LENGTH	1" x4"		TYPE	HE-3	
DISTANCE TO N. SOURCE	4.5		LENGTH	1" x 6"	
			SOURCE MODEL NO	71-1	
GENERAL			SERIAL NO	71-1-354B	
HOIST TRUCK NO.	NA		SPACING	13"	
INSTRUMENT TRUCK NO.	102		TYPE	AM241BE	
TOOL SERIAL NO.	MS-0001		STRENGTH	3 CI	

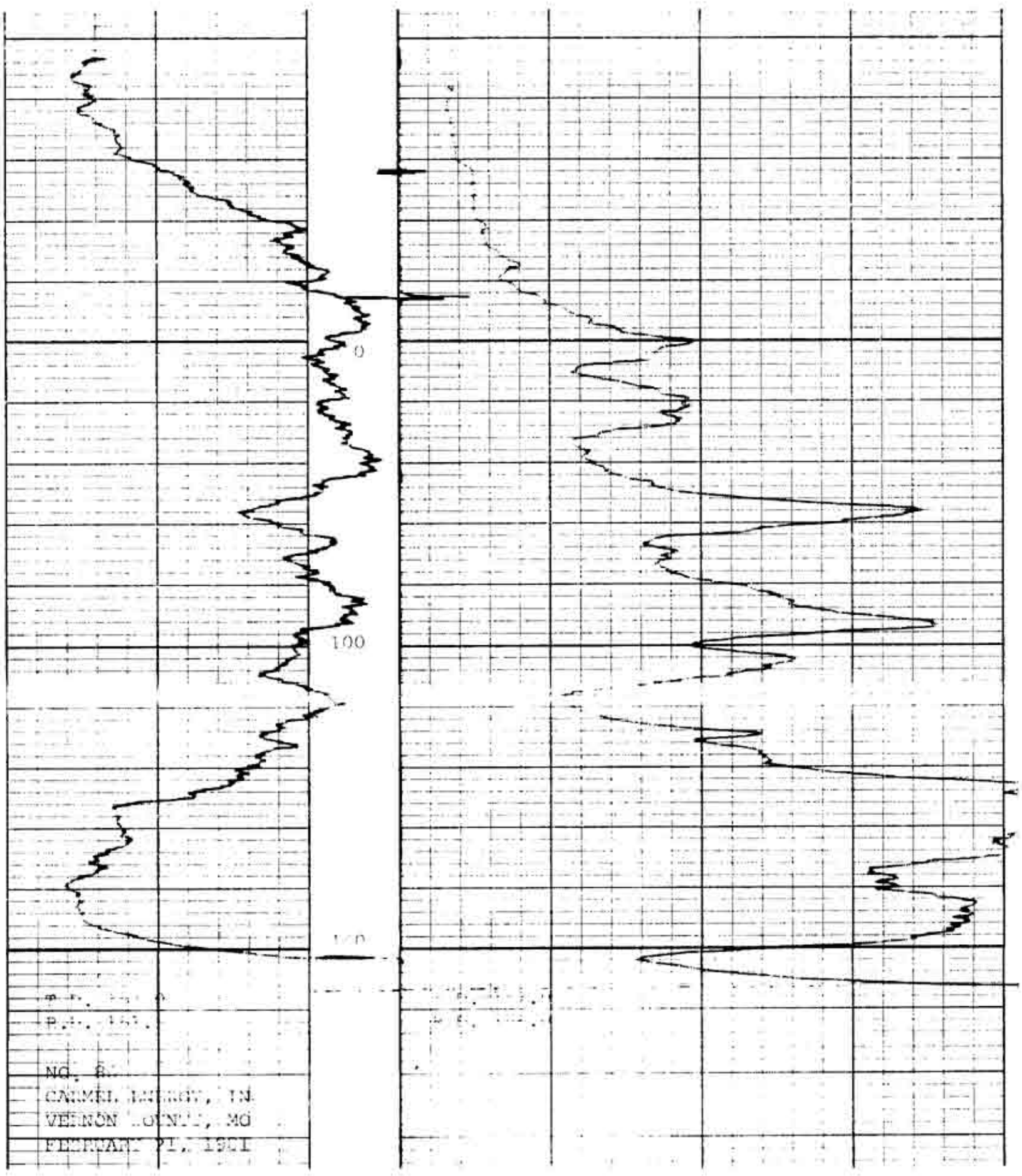
LOGGING DATA

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	3.5	156.0	20	4.0	100/600	3L	10	4.0	100/400	2R	20

REFERENCE LITERATURE O/H - NOT CEMENTED

REMARKS D.C. - LAYNE-WESTERN

NSCO 16/40

GAMMA RAY DEPTH NEUTRON

CASING COLLARS