G02603
Permit # 21859

MIDWEST SURVEYS
LOGGING • PERFORATING • CONSULTING SERVICES
Paola, Kansas 66071
Box 328
913/294-4326

RELEASED

RECEIVED
JAN 29 1986
MO. OIL & GAS COUNCIL
STATE MISSOURI

FILING NO

COMPANY CARMEL ENERGY, INC
WELL KENNEDY NO. K-N47U
FIELD EASTBURN FIELD
COUNTY VERNON STATE MISSOURI
LOCATION: 2085' FSL & 988' FWL
SEC 38 TWP 35N RGE 33W

OTHER SERVICES: CCL, PERFORATE

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	1/13/86	1/13/86
RUN NO	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH-DRILLER	NA	NA
DEPTH-LOGGER	171.0	171.0
BOTTOM LOGGED INTERVAL	162.0	170.0
TOP LOGGED INTERVAL	10.0	18.0
TYPE FLUID IN HOLE	WATER	WATER
SALINITY PPM Cl	NA	NA
DENSITY	NA	NA
LEVEL	FULL	FULL
MAX REC TEMP DEG F	NA	NA
OPERATING RIG TIME	NA	NA
RECORDED BY	E. PRATT	E. PRATT
WITNESSED BY	G. STUESSE	G. STUESSE

BORE-HOLE RECORD

RUN NO	BIT	FROM	TO

CASING RECORD

SIZE	WGT	FROM	TO
4½"		0.0	T.D.

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" x 4"	TYPE	HE-3
DISTANCE TO N SOURCE	8.0	LENGTH	1" x 6"
		SOURCE MODEL NO	71-1
GENERAL		SERIAL NO	71-1-355B
HOIST TRUCK NO	NA	SPACING	13"
INSTRUMENT TRUCK NO	102	TYPE	Am241Be
TOOL SERIAL NO	MS-0001	STRENGTH	3 CI

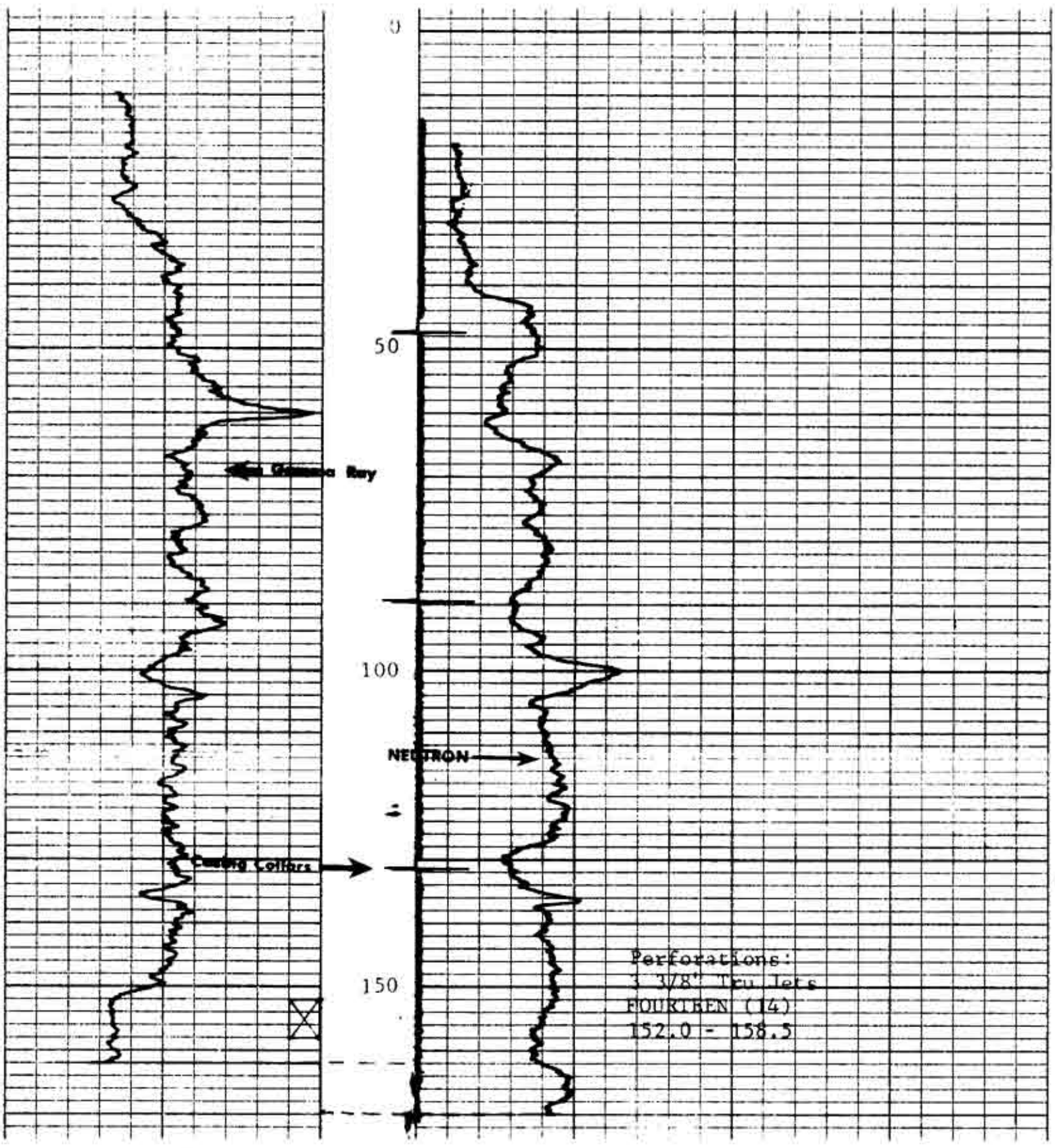
LOGGING DATA

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 NW	10.0	170.0	20	4.0	185/100	0L	10	4.0	135/100	0L	20

REFERENCE LITERATURE: 4½" - CEMENTED

REMARKS

GAMMA RAY DEPTH NEUTRON
CASING
COLLARS



COMPANY	Carmel Energy, Inc.	GAMMA RAY	T.D.	171.0
WELL	Kennedy No. K-N47U	GAMMA RAY	R.D.	162.0
LEASE	Eastburn Field	NEUTRON	T.D.	171.0
COUNTY	Vernon Co., MO	NEUTRON	R.D.	170.0
DATE	January 13, 1986	CASING SET @		T.D.