600734

MIDWEST SURVEYS

LOGGING • PERFORATING • CONSULTING SERVICES

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

Wellington, Kansas
913 326-7599

Kansas City Office
P.O. Box 11589
816 356-1973

RECEIVED
MAY 04 1981
MO. OIL & GAS COUNCIL

RELEASED

FILING NO. _____

COMPANY CARMEL ENERGY, INC.

WELL NO. 41-15

FIELD PRINGLE - JOHNSON

COUNTY VERNON COUNTY, MO

LOCATION 452.0 FEL 1990.0 FSL

SEC 19 TWP 34N RGE 33W

PERMANENT DATUM G.L. ELEV 845.3
LOG MEASURED FROM G.L. FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM G.L.

ELEV. K.B. NA
D.F. NA
G.L. 845.3

OTHER SERVICES

DATE	4-30-81	4-30-81
RUN NO	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER		
DEPTH LOGGER	185.3	185.3
BOTTOM LOGGED INTERVAL	180.8	184.3
TOP LOGGED INTERVAL	10.0	14.5
TYPE FLUID IN HOLE	WATER	WATER
SALINITY PPM CL		
DENSITY		
LEVEL	64.0	64.0
MAX REC. TEMP. DEG. F		
OPERATING RIG TIME		
RECORDED BY	MORGAN	MORGAN
WITNESSED BY		

BORE HOLE RECORD

RUN NO	BIT	FROM	TO

CASING RECORD

SIZE	WGT	FROM	TO
O/H		0.0	T.D.

FOLD HERE

THIS HEADING AND LOG CONFORMS TO API RP 33

EQUIPMENT DATA

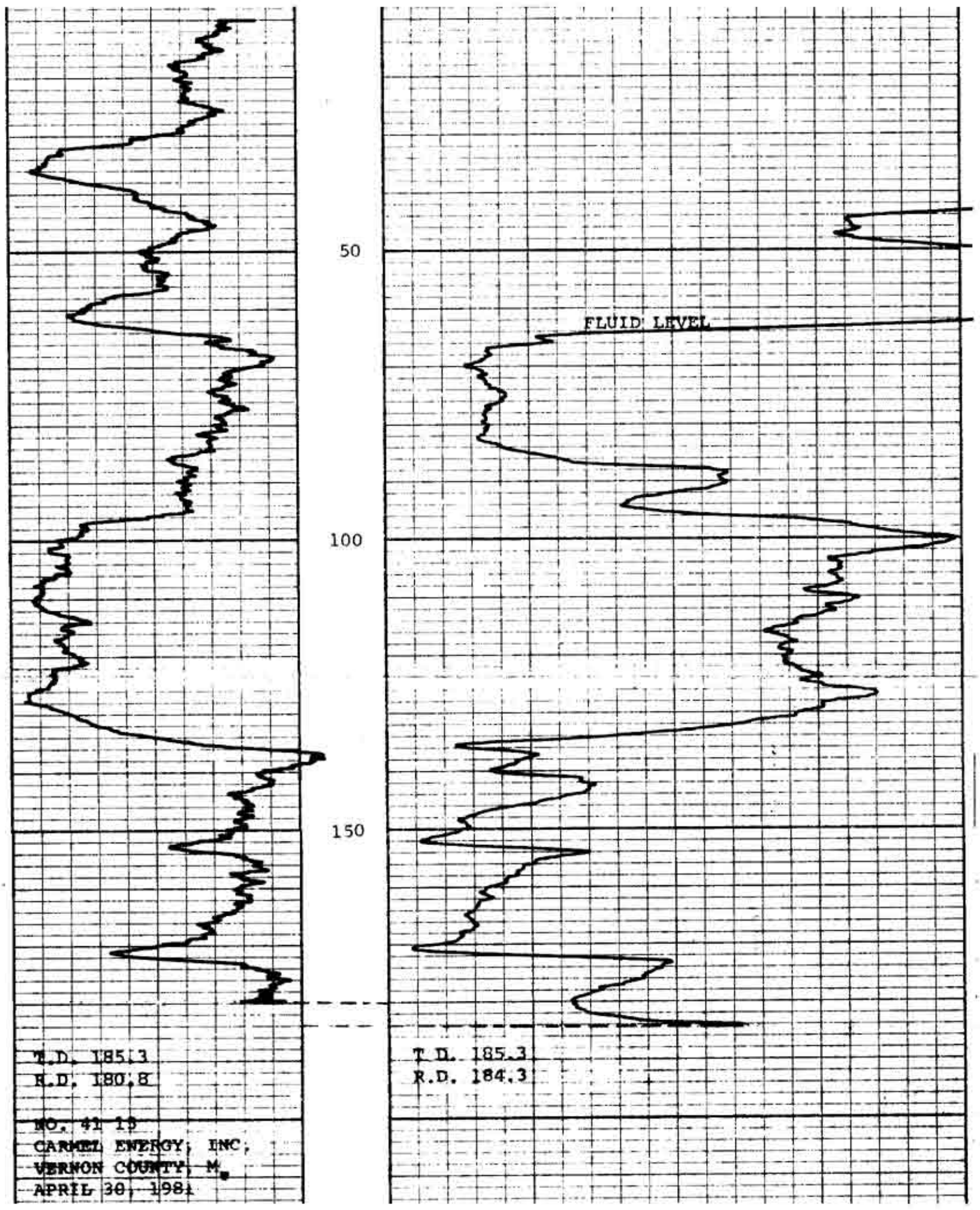
GAMMA RAY		NEUTRON	
RUN NO	1 NW	RUN NO	1 NW
TOOL MODEL NO	104	LOG TYPE	NEU/NEU
DIAMETER	1 11/16"	TOOL MODEL NO	104
DETECTOR MODEL NO	E-1057	DIAMETER	1 11/16"
TYPE	SCINT.	DETECTOR MODEL NO.	E-1031
LENGTH	1" x 4"	TYPE	HE-3
DISTANCE TO N SOURCE	4.5	LENGTH	1" x 6"
		SOURCE MODEL NO	71-1
GENERAL		SERIAL NO	71-1-354E
HOIST TRUCK NO	NA	SPACING	13"
INSTRUMENT TRUCK NO	104	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	10.0	184.3	25	3.0	600/100	3L	10	3.0	200/100	6L	20

REFERENCE LITERATURE O/H - NOT CEMENTED

REMARKS D.C. - LAYNE - WESTERN CO.

GAMMA RAY DEPTH NEUTRON

CASING
COLLARS