G61114

CORNISH

OIL WELL SERVICES

Phone HE 1-9308 Box 260 Chanute, Kansas

RADIOACTIVITY LOG

FILING NO.

COMPANY CARMEL ENERGY, INC.

WELL CEI NO. 4

FIELD

COUNTY VERNON STATE MISSOURI

LOCATION: 1250' FNL 1310' FWL

SEC. 33 TWP. 35N RGE. 33W

OTHER SERVICES:

RECEIVED JUL 12 1978 MO. OIL & GAS COUNCIL

PERMANENT DATUM:	G.L.	ELEV. 785'	ELEV.: K.B.
LOG MEASURED FROM	G.L.	FT. ABOVE PERM. DATUM	D.F.
DRILLING MEASURED FROM	G.L.		G.L. 785'

DATE	5-2-78	5-2-78
RUN NO	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER		
DEPTH—LOGGER	179.8'	179.8'
BOTTOM LOGGED INTERVAL	173.9'	178.8'
TOP LOGGED INTERVAL	2'	10'
TYPE FLUID IN HOLE	NATIVE DRLG. MUD	
SALINITY, PPM CL		
DENSITY		
LEVEL	FULL	FULL
MAX. REC. TEMP., DEG F.		
OPERATING RIG TIME		
RECORDED BY	CORNISH J.	CORNISH J.
WITNESSED BY	SPERRY	SPERRY

BORE-HOLE RECORD

RUN NO.	BIT	FROM	TO
1	7 7/8"	0	T.D.

CASING RECORD

SIZE	WGT	FROM	TO

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.	9205	LOG TYPE	NEU/NEU
DIAMETER	1-11/16"	TOOL MODEL NO	9205
DETECTOR MODEL NO	95SC	DIAMETER	1-11/16"
TYPE	SCINT.	DETECTOR MODEL NO	95HE
LENGTH	1"x4"	TYPE	He_3
DISTANCE TO N. SOURCE	8.5'	LENGTH	1"x6"
		SOURCE MODEL NO.	AC
GENERAL		SERIAL NO	MRC415
HOIST TRUCK NO.	3246	SPACING	13"
INSTRUMENT TRUCK NO	3246	TYPE	Am/Be
TOOL SERIAL NO	04	STRENGTH	$6.7x10^6$

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	178.8'	2'	25	2.5	10-.0	2L	20	2.0	0-.35	4L	

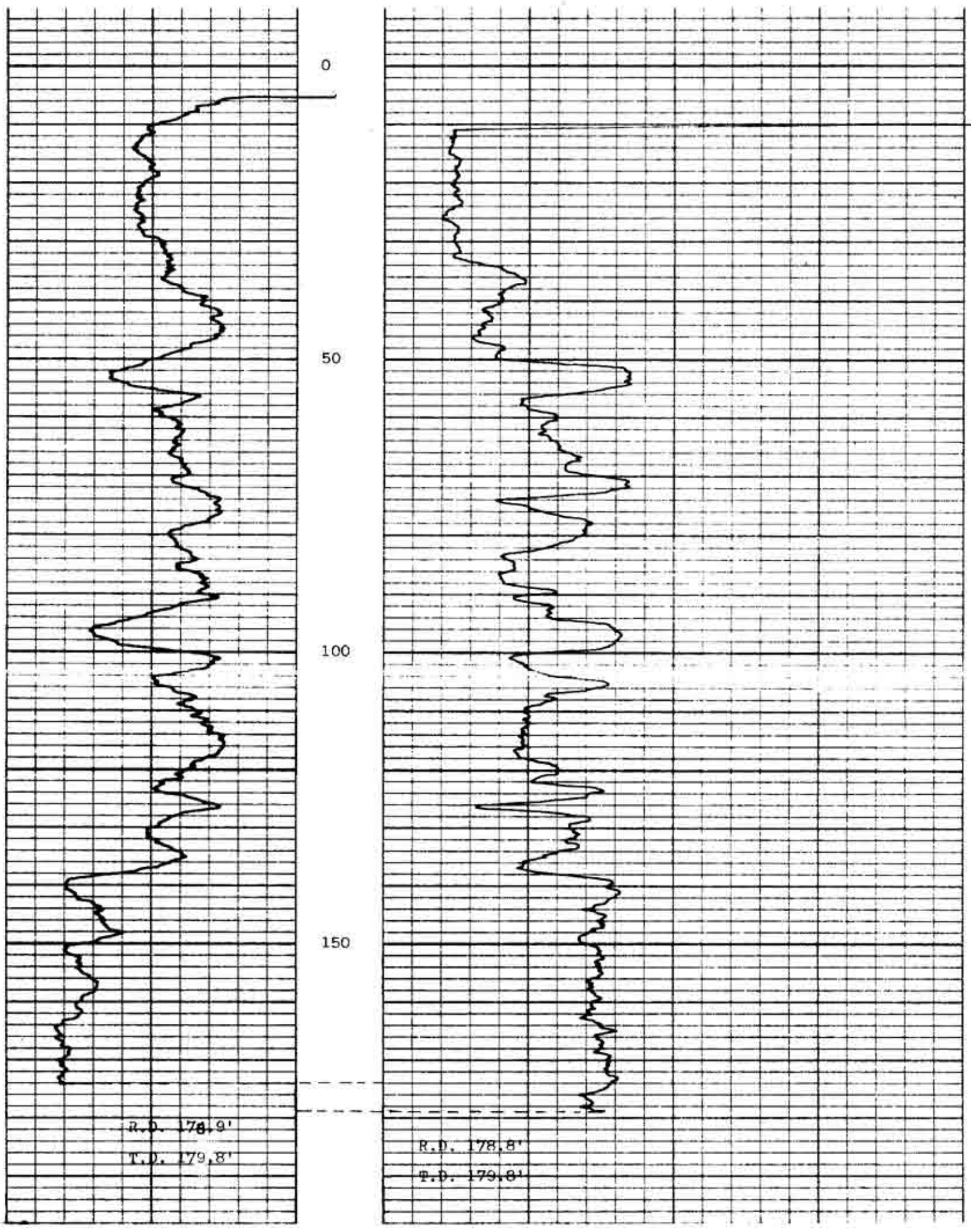
REFERENCE LITERATURE:

REMARKS DRILLING CONTRACTOR: Jerry L. Phillips

GAMMA RAY — API UNITS

DEPTH AND CASING COLLARS

NEUTRON — API UNITS



CEI NO. 4

CARMEL ENERGY, INC.

VERNON COUNTY, MISSOURI

MAY 2, 1978