602368 Permit #21693

RELEASED

TOP WIRELINE SERVICES, INC.

P.O. Box 336 - Chanute, Kansas 66720

DEC 12 1984

MO. OIL & GAS COUNCIL

FILING NO

COMPANY CARMEL ENERGY, INC.

WELL IF NO. TO-10

FIELD IDA FAUVERGUE

COUNTY VERNON COUNTY, MISSOURI

LOCATION 2591 FWL 2618 FNL

SEC 33 TWP 35N RGE 33W

OTHER SERVICES

PERMANENT DATUM G.L. ELEV 786.0'

LOG MEASURED FROM G.L. FT ABOVE PERM. DATUM

DRILLING MEASURED FROM G.L.

ELEV K.B. D.F. G.L. 786.0'

DATE	12-6-84	12-6-84
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER		
DEPTH—LOGGER	166.0'	166.0'
BOTTOM LOGGED INTERVAL	160.7'	165.0'
TOP LOGGED INTERVAL	5.7'	10.0'
TYPE FLUID IN HOLE	WATER	WATER
DENSITY		
LEVEL	FULL	FULL
OPERATING RIG TIME		
RECORDED BY	LEONARD, G.	LEONARD, G.
WITNESSED BY	PHILLIPS, M.	PHILLIPS, M.

BORE-HOLE RECORD

RUN NO.	BIT	FROM	TO

CASING RECORD

SIZE	WGT	FROM	TO
		OPEN HOLE	

TRUCK NO.	81		
INSTRUMENT TRUCK NO.			
TOOL SERIAL NO.	GO TOOL		

REFERENCE LITERATURE

REMARKS

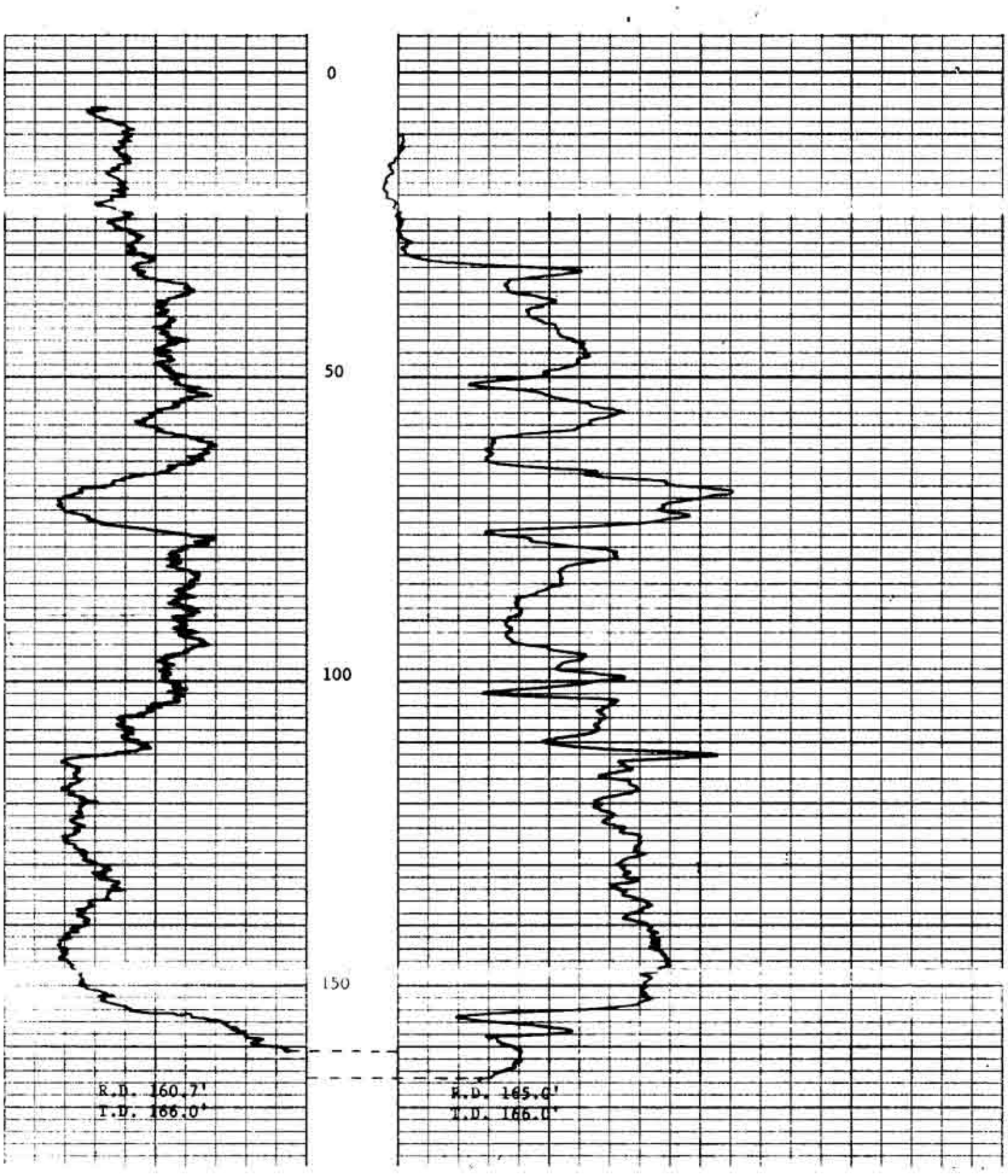
DRILLING CONTRACTOR

GEOLOGIST

NSCO 16945

GAMMA RAY DEPTH NEUTRON

CASING COLLARS



IF NO. TO-10

CARMEL ENERGY, INC.

VERNON COUNTY, MISSOURI

DECEMBER 6, 1984

12-6-84 GN (OPEN HOLE)

33-35N-33W