G02091

TOP WIRELINE SERVICES, INC.

P.O. Box 336 · Chanute, Kansas 66720

FILING NO.

COMPANY CARMEL ENERGY, INC.

WELL DK NO. 5

FIELD Keepman

COUNTY VERNON COUNTY, MISSOURI

RELEASED

LOCATION: 2479' FEL 500' FNL NE¼

SEC 21 TWP 35N RGE 33W

OTHER SERVICES:

PERMANENT DATUM: G.L. ELEV 827.5'

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

DRILLING MEASURED FROM G.L.

ELEV. K.B. D.F. G.L. 827.5'

DATE	12-8-83	12-8-83
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH—DRILLER		
DEPTH—LOGGER	167.0'	167.0'
BOTTOM LOGGED INTERVAL	161.7'	166.0'
TOP LOGGED INTERVAL	3.7'	8.0'
TYPE FLUID IN HOLE	WATER	WATER
DENSITY		
LEVEL	38'	38'
OPERATING RIG TIME		
RECORDED BY	COOPER, T.	COOPER, T.
WITNESSED BY	PHILLIPS, M.	PHILLIPS, M.

RECEIVED DEC 27 1983 MO. OIL & GAS COUNCIL

BORE-HOLE RECORD

RUN NO.	BIT	FROM	TO
1.			

CASING RECORD

SIZE	WGT.	FROM	TO
		OPEN HOLE	

FOLD HERE

HOIST TRUCK NO	81		
INSTRUMENT TRUCK NO			
TOOL SERIAL NO	GO TOOL		

REFERENCE LITERATURE:

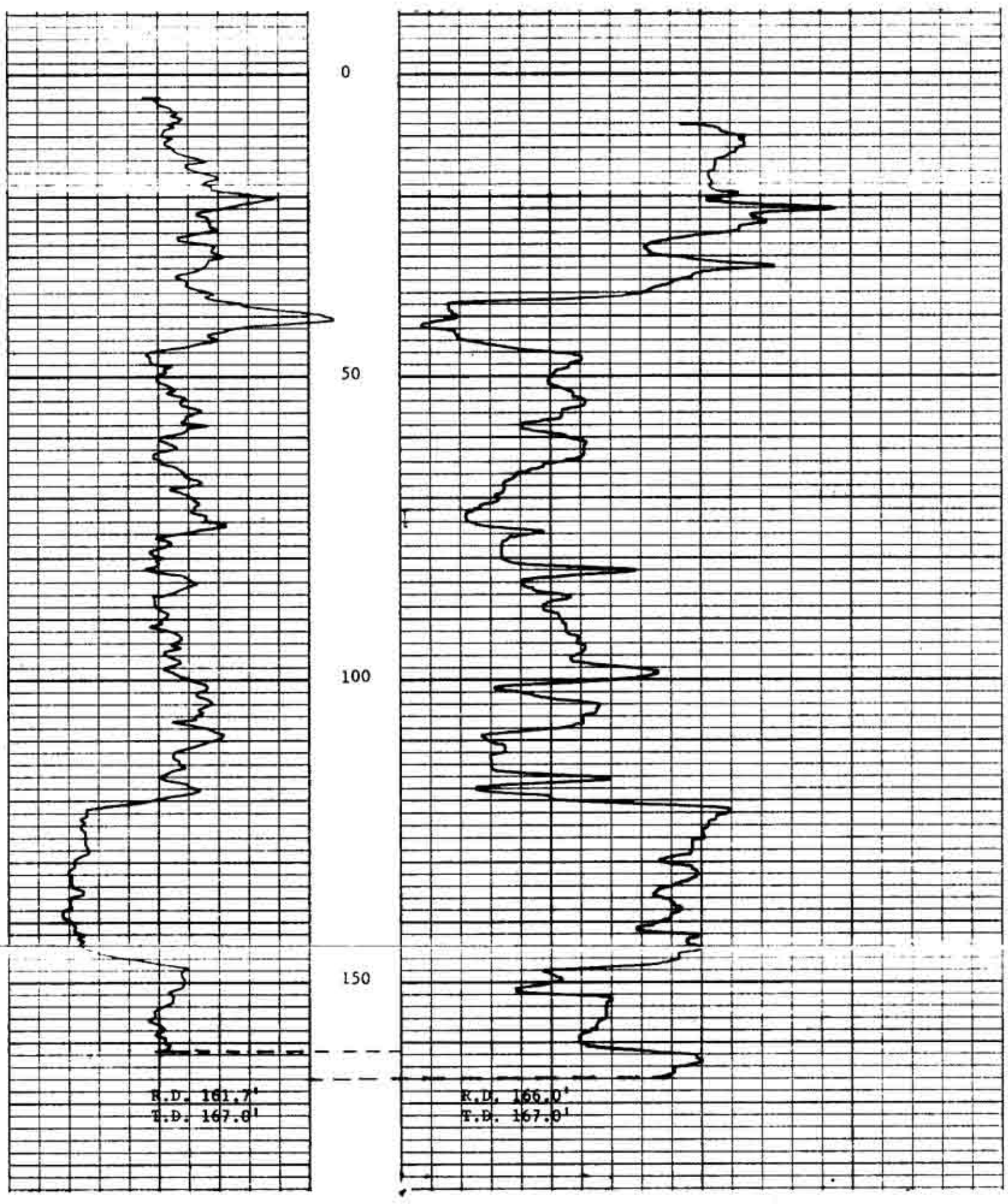
REMARKS

DRILLING CONTRACTOR:

GEOLOGIST:

GAMMA RAY DEPTH NEUTRON

CASING COLLARS



DK NO. 5

CARMEL ENERGY, INC.

VERNON COUNTY, MISSOURI

DECEMBER 8, 1983

12-8-83 GN (Open Hole)

21-35N-33W