802226 Permit #21570 **RELEASED**

TOP WIRELINE SERVICES, inc.

P. O. Box 336 - Chanute, Kansas 66720

FILING NO.

COMPANY CARMEL ENERGY, INC.

WELL NO. PO-5

FIELD O'Toole

COUNTY VERNON COUNTY, MISSOURI

RECEIVED
JUL 17 1984
MO. OIL & GAS COUNCIL

LOCATION: 2440' FWL
1600' FNL

SEC 32 TWP 36N RGE 33W

OTHER SERVICES:

PERMANENT DATUM G.L. ELEV 769.8'
LOG MEASURED FROM G.L. FT. ABOVE PERM DATUM
DRILLING MEASURED FROM G.L.

ELEV K.B.
D.F.
G.L. 769.8'

DATE	7-10-84	7-10-84
RUN NO.	1 NW	1 NW
TYPE LOG	GAMMA RAY	NEUTRON
DEPTH-DRILLER		
DEPTH-LOGGER	231.0'	231.0'
BOTTOM LOGGED INTERVAL	225.7'	230.0'
TOP LOGGED INTERVAL	2.5'	7.0'
TYPE FLUID IN HOLE	WATER	WATER
DENSITY		
LEVEL	FULL	FULL
OPERATING RIG TIME		
RECORDED BY	BRUBAKER, T.	BRUBAKER, T.
WITNESSED BY	PHILLIPS, M.	PHILLIPS, M.

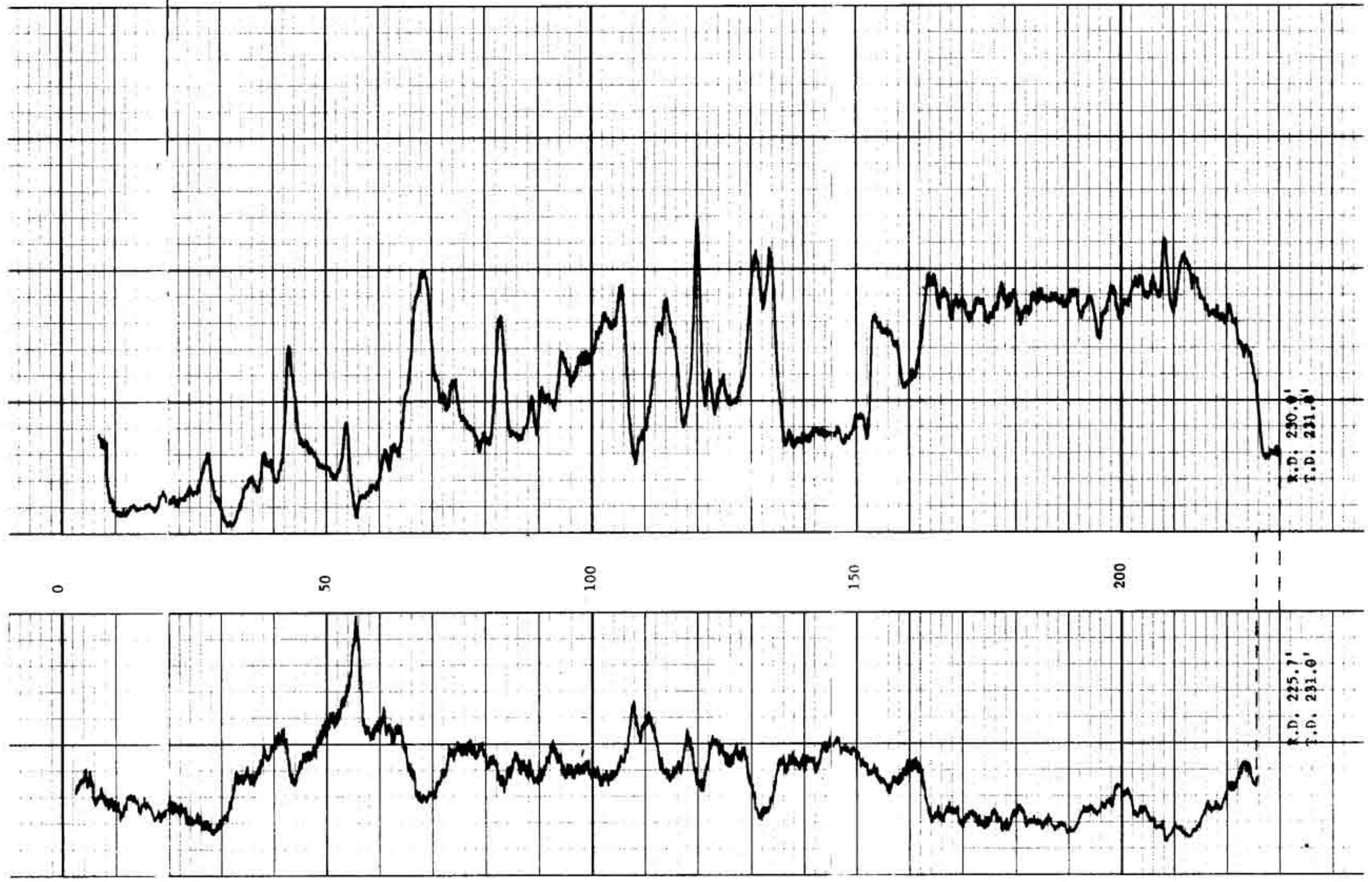
RUN NO	BORE-HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT	FROM	TO
						OPEN HOLE	

HOLE NO. 81
INSTRUMENT TRUCK NO.
TOOL SERIAL NO. GD TOOL
REFERENCE LITERATURE:
REMARKS
DRILLING CONTRACTOR:
GEOLOGIST:

NSCO 16945

CASING COLLARS

GAMMA RAY DEPTH NEUTRON



7-10-84 GN (OPEN HOLE)

NO. PO-5
CARMEL ENERGY, INC.
VERNON COUNTY, MISSOURI
JULY 10, 1984

32-369-33W