G24 10' Permit #21690 PRINTED

TOP WIRELINE SERVICES, inc.

P.O. Box 330 - Chanute, Kansas 66720

FILING NO.

COMPANY CARMEL ENERGY, INC.

WELL NO. N16A

FIELD Lingenman

COUNTY VERNON COUNTY, MISSOURI

LOCATION: 3125' FWL 772' FSL

SEC. 34 TWP. 36N RGE. 33W

OTHER SERVICES:

RECEIVED NOV 26 1984 MO. OIL & GAS COUNCIL

PERMANENT DATUM G.L. ELEV. 766.1'

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

DRILLING MEASURED FROM G.L.

ELEV.: K.B. D.F. G.L. 766.1'

DATE	11-16-84
RUN NO.	1 NW
TYPE LOG	SONIC BOND
DEPTH—DRILLER	151.5'
DEPTH—LOGGER	147.5'
BOTTOM LOGGED INTERVAL	4.0'
TOP LOGGED INTERVAL	WATER
TYPE FLUID IN HOLE	
DENSITY	
LEVEL	FULL
OPERATING RIG TIME	
RECORDED BY	BRUBAKER, L.
WITNESSED BY	PHILLIPS, M.

BORE-HOLE RECORD

RUN NO.	BIT	FROM	TO

CASING RECORD

SIZE	WGT.	FROM	TO
4½"		0	T.D.

FOLD HERE

HOIST TRUCK NO.	41		
INSTRUMENT TRUCK NO.			
TOOL SERIAL NO.	BELL TOOL		

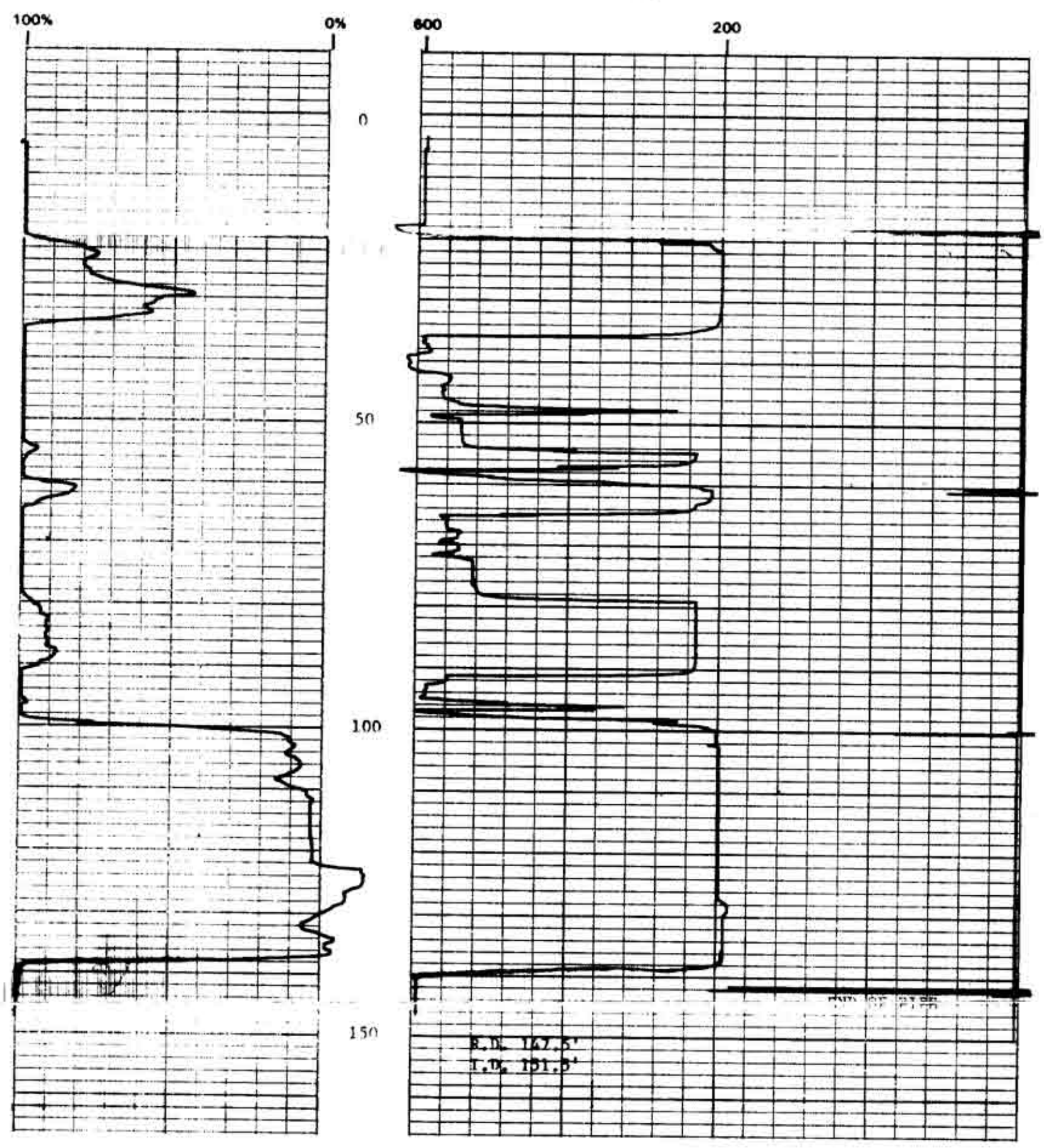
REFERENCE LITERATURE

REMARKS

DRILLING CONTRACTOR

GEOLOGIST

SONIC BOND LOG



NO. N16A

CARMEL ENERGY, INC.

VERNON COUNTY, MISSOURI

NOVEMBER 16, 1984

11-16-84 SBL

34-36N-33W