G02478 Garnick #1701

TOP WIRELINE SERVICES, INC.

P.O. Box 336 - Chanute, Kansas 66720

RELEASED

NOV 26 1984

FILING NO.

COMPANY CARMEL ENERGY, INC.

WELL NO. N20A

FIELD Lingerman

COUNTY VERNON COUNTY, MISSOURI

MISSOURI OIL & GAS COUNCIL

LOCATION: 2326' FWL 1594' FSL

SEC 34 TWP 36N RGE 33W

OTHER SERVICES:

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	
DEPTH—LOGGER	147.0'
BOTTOM LOGGED INTERVAL	143.0'
TOP LOGGED INTERVAL	4.0'
TYPE FLUID IN HOLE	WATER
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		

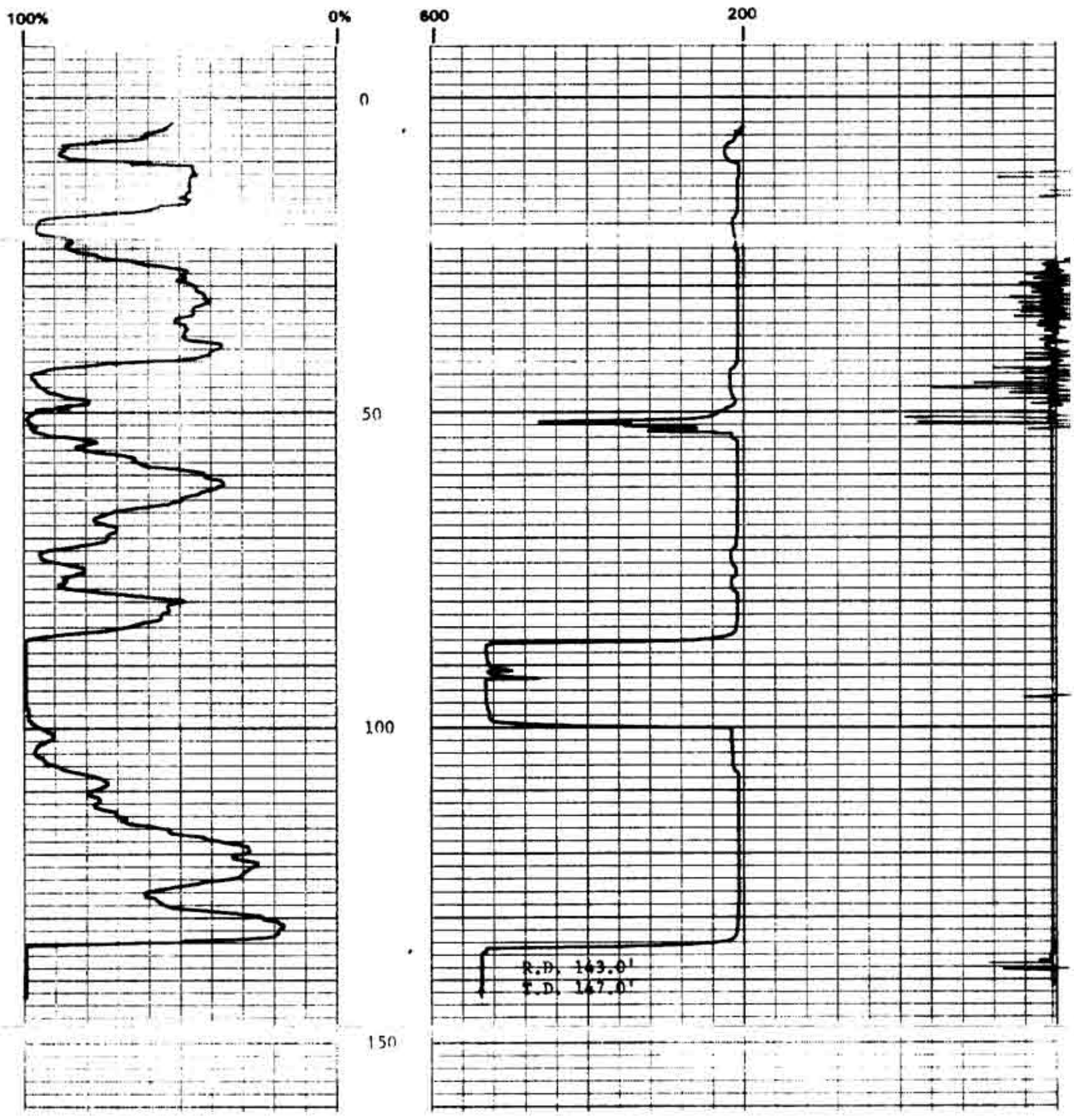
REFERENCE LITERATURE

REMARKS

DRILLING CONTRACTOR

GEOLOGIST

SONIC BOND LOG



NO. N20A
CARMEL ENERGY, INC.
VERNON COUNTY, MISSOURI
NOVEMBER 16, 1984

11-16-84 SBL

34-36N-33W