602411 Permit # 21487

TOP WIRELINE SERVICES, inc.

P.O. Box 330 · Chanute, Kansas 66720

MINERAL RESEARCH

RECEIVED
NOV 26 1984
MO. OIL & GAS COUNCIL

FILING NO.

COMPANY CARMEL ENERGY, INC.

WELL NO. N10A

FIELD Lingenfelter

COUNTY VERNON COUNTY, MISSOURI

LOCATION: 1910' FWL 1128' FSL

SEC 34 TWP 36N RGE 33W

OTHER SERVICES:

PERMANENT DATUM: G.L. ELEV 765.9'
LOG MEASURED FROM G.L. FT. ABOVE PERM. DATUM
DRILLING MEASURED FROM G.L.

ELEV. K.B. D.F. G.L. 765.9'

DATE	11-16-84
RUN NO.	1 NW
TYPE LOG	SONIC BOND
DEPTH—DRILLER	
DEPTH—LOGGER	141.0'
BOTTOM LOGGED INTERVAL	137.0'
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		

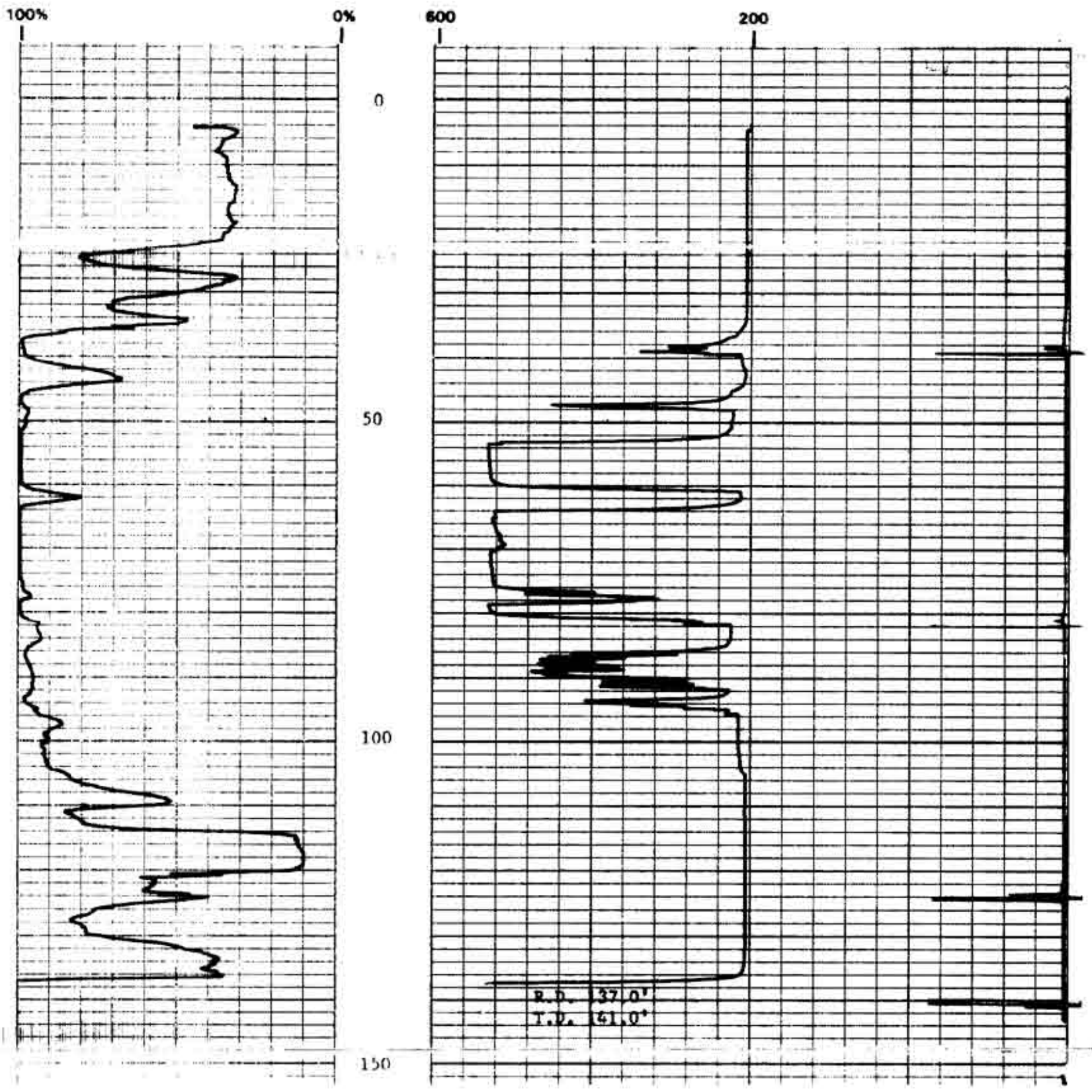
REFERENCE LITERATURE

REMARKS

DRILLING CONTRACTOR:

GEOLOGIST:

SONIC BOND LOG



NO. N10A

CARMEL ENERGY, INC.

VERNON COUNTY, MISSOURI

NOVEMBER 16, 1984

11-16-84 SBL

34-36N-33W