602584 Permit #21694

RELEASED

TOP WIRELINE SERVICES, inc.

P.O. Box 330 - Chanute, Kansas 66720

FILING NO.

COMPANY CARMEL ENERGY, INC.

WELL TF NO. TO-11

FIELD Ida Vauverque

COUNTY VERNON COUNTY, MISSOURI

LOCATION: 2299' FSL, 2628' FWL

SEC 33 TWP 35N RGE 33W

RECEIVED
JUN 26 1985
MO. OIL & GAS COUNCIL

OTHER SERVICES:

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

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

DATE	6-20-85
RUN NO.	1 NW
TYPE LOG	TEMP SURVEY
DEPTH—DRILLER	163.3'
DEPTH—LOGGER	
BOTTOM LOGGED INTERVAL	
TOP LOGGED INTERVAL	4.0'
TYPE FLUID IN HOLE	WATER
DENSITY	
LEVEL	FULL
OPERATING RIG TIME	
RECORDED BY	BRUBAKER, T.
WITNESSED BY	STUESS, G.

BORE-HOLE RECORD

RUN NO.	BIT	FROM	TO

CASING RECORD

SIZE	WGT.	FROM	TO
2"		0	T.D.

FOLD HERE

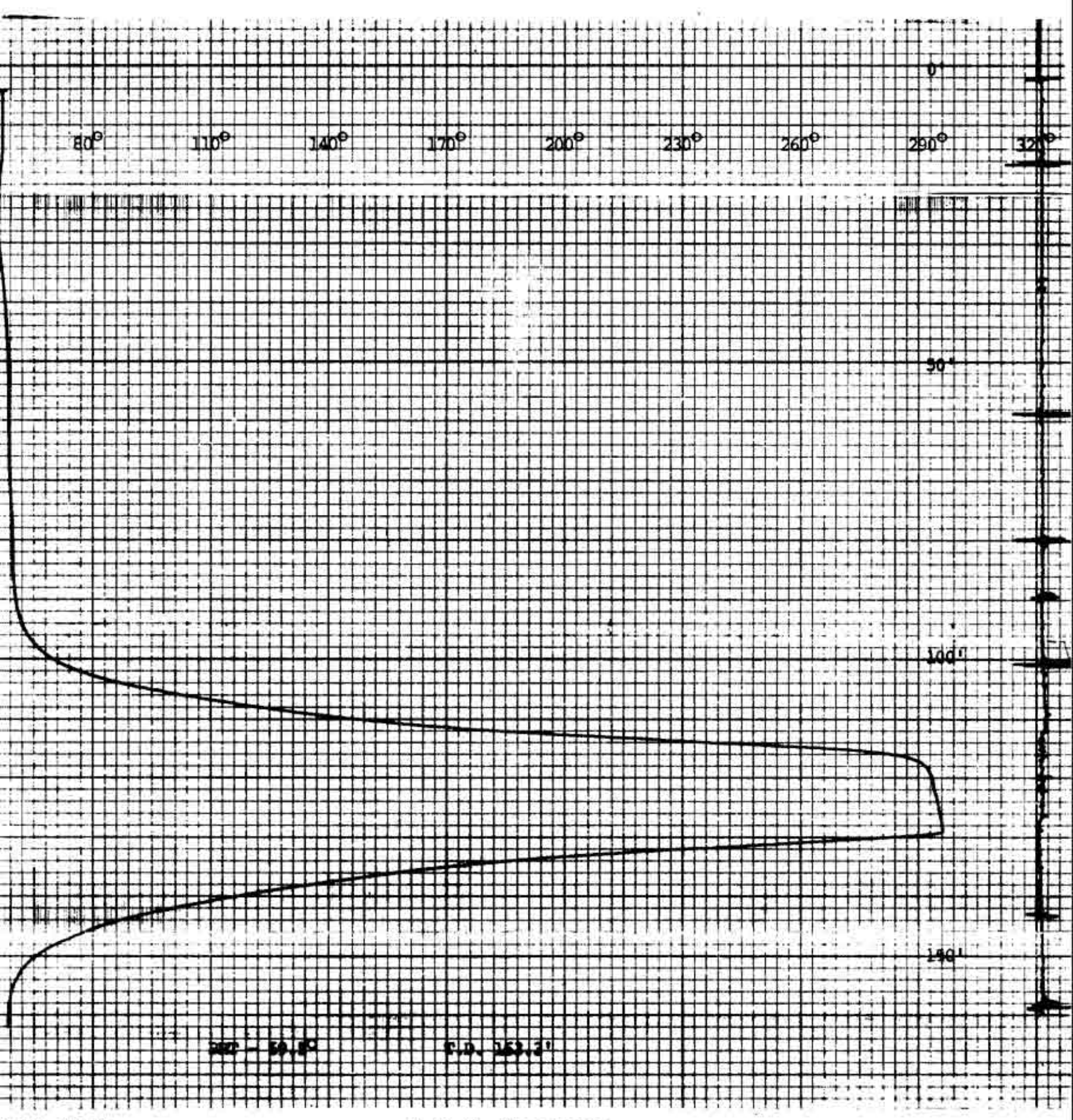
HORST TRUCK NO.	81		
INSTRUMENT TRUCK NO.			
TOOL SERIAL NO.	GO TOOL		

REFERENCE LITERATURE:

REMARKS MAXIMUM TEMPERATURE - 296°
BOTTOM HOLE TEMPERATURE - 59.5°

DRILLING CONTRACTOR:
GEOLOGIST:

GRADIENT TEMPERATURE — INCREASE → — DIFFERENTIAL TEMPERATURE — DEPTHS



F NO. TO-11 6-20-85 Temp Survey

ARMEL ENERGY, INC.

ERNON COUNTY, MISSOURI

UNE 20, 1985 33-35N-33W