G02271

RELEASED

CORNISH

WIRELINE SERVICES, INC.
P.O. DRAWER H
CHANUTE, KANSAS
PHONE 431-9308

CEMENT BOND — VARIABLE DENSITY

FILING NO.

COMPANY CARMEL ENERGY, INC. RECEIVED
WELL IDA-FAUVERGUE NO. 102-C
MAY 24 1984
FIELD
COUNTY VERNON
MO. OIL & GAS COUNCIL
STATE MISSOURI

LOCATION 549' FWL, 638' FNL

Sec. 33 Twp. 35N Rge. 33W

OTHER SERVICES:

Permanent Datum: GROUND LEVEL Elev. 798.3'
Log Measured from G.L. Ft. Above Perm. Datum
Drilling Measured From G.L.

Elev.: K.B.
D.F.
G.L. 798.3'

Date	5-18-84	Type Fluid in Hole	WATER
Run No.	1 NW	Dens. / Visc.	
Depth—Driller	107.8'	Max. Rec. Temp.	
Depth—Logger	101.8'	Est. Cement Top	
Btm. Log Interval	101.8'	Equip. / Location	
Top Log Interval	6.0'	Recorded By	DUNLAP, G.
Open Hole Size		Witnessed By	McADOO, J.

	Size	Wt/Ft	Grade	Type Joint	Top	Bottom
CASING REC.						
Surface String						
Prot. String						
Prod. String	4½"	11.6#	J-55	L-T&C	0	T.D.
Liner						

PRIMARY CEMENTING DATA

STRING	Surface	Protection	Production	Liner
Vol. of cement				
Type of cement				
Additive				
Additive by %				
Retarder				
Retarder by %				
Wt. of slurry				
Water loss				
Drill. mud type				
Drilling mud wt.				

FOLD HERE

COMPRESSIVE STRENGTH (p.s.i. | Curing Temp.)

Time Elapsed	Surface		Protective		Production		Liner	
24 hrs.		°F		°F		°F		°F
48 hrs.		°F		°F		°F		°F
72 hrs.		°F		°F		°F		°F

PRIMARY CEMENTING PROCEDURE

	Hour — date	Hours from start of operation
Started pumping cement		
Plug on bottom		
Release pressure		
Start Cement Bond Log		
Finish Cement Bond Log		

Equipment Data

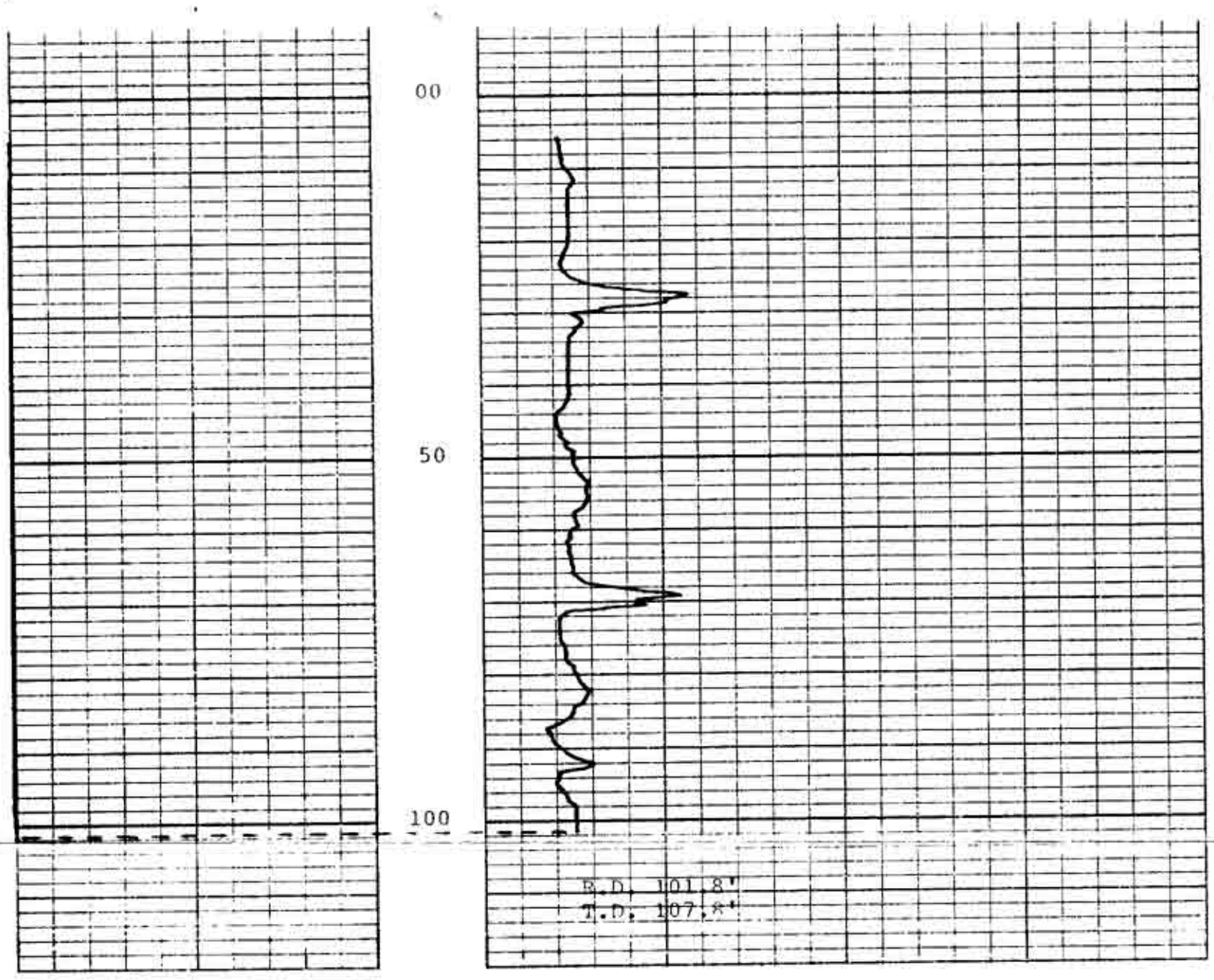
Type standoff	
Logging speed	
Bias: Max.	
Cartridge No.	
Spacing	

Preceding fluid _____ Volume _____ bbls.
Returns: Full _____ Partial _____ None _____

Pipe reciprocated during Pumping: Yes _____ No _____
Pipe reciprocated after plug down: Yes _____ min., No _____

NSCO 19264

CASING BOND	DEPTH	TRANSIT TIME	VARIABLE DENSITY
BOND INCREASES ← 100% 0%		640 140 MICROSECONDS	200 1000 MICROSECONDS
		CASING COLLARS ↓	



IDA-FAUVERGUE NO. 102-C

CARMEL ENERGY, INC.

VERNON COUNTY, MISSOURI

MAY 18, 1984

BOND LOG

33/35N/33W