G023911 OGC #21772

RELEASED

CORNISH

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

CEMENT BOND — VARIABLE DENSITY

FILING NO. _____

COMPANY CARMEL ENERGY, INC.
WELL IDA FAUVERGUE NO. IF-N15U
FIELD _____
COUNTY VERNON STATE MISSOURI

MO. OIL & GAS COUNCIL
APR 05 1985

LOCATION 2309.39' W TO W/L
2147.60' S TO S/L
Sec. 33 Twp. 35N Rge. 33W

Permanent Datum: G.L. Elev. 810.4'
Log Measured from G.L. Ft. Above Perm. Datum
Drilling Measured From G.L.

OTHER SERVICES:

Elev.: K.B. _____ D.F. _____ G.L. 810.4'

Date	3-18-85				Type Fluid in Hole				
Run No.	1 NW				Dens.	Visc.			
Depth—Driller					Max. Rec. Temp.				
Depth—Logger	149.8'				Est. Cement Top				
Btm. Log Interval	144.0'				Equip.	Location			
Top Log Interval	6.0'				Recorded By				
Open Hole Size					Witnessed By				
CASING REC.	Size	Wt/Ft	Grade	Type Joint	Top	Bottom			
Surface String					0	104	C		
Prot. String						CORMLEY, R.			
Prod. String	4½"					STUESSE, G.			
Liner									

PRIMARY CEMENTING DATA

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

T.D. 149.8' WATER/FULL

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

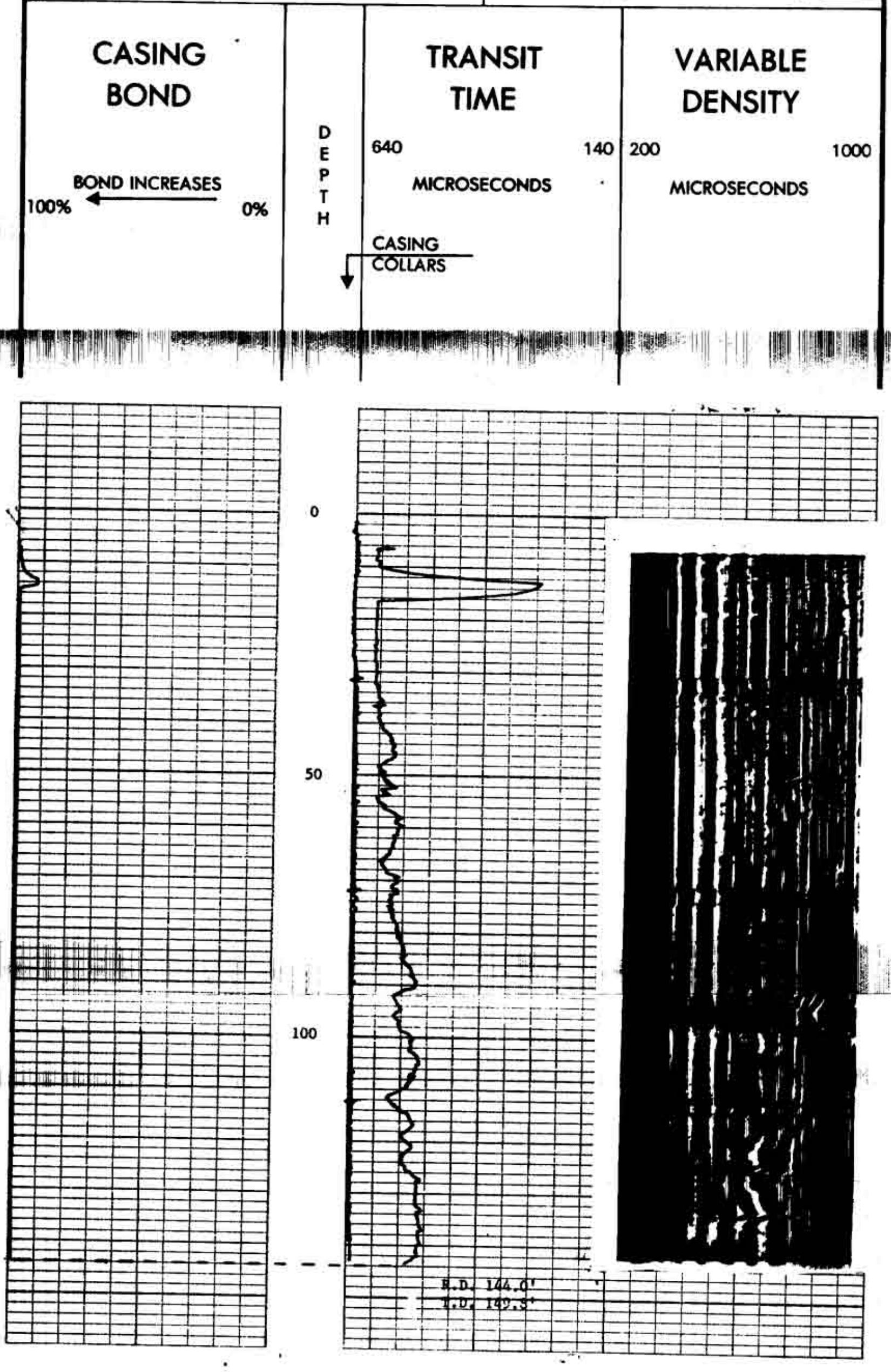
PRIMARY CEMENTING PROCEDURE

	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 _____



IDA FAUVERGUE NO. IF-N15U

CARMEL ENERGY, INC.

VERNON COUNTY, MISSOURI

MARCH 18, 1985

33/35N/33W

BOND LOG WITH MSG