Permit # 21858

MIDWEST SURVEYS
LOGGING • PERFORATING • CONSULTING SERVICES
P. O. Box 328 Paola, KS 66071
913/294-4326

CEMENT BOND LOG

COUNTY
FIELD
LOCATION
WELL
COMPANY

COMPANY CARMEL ENERGY, INC.
WELL KENNEDY NO. K-N47L-2
FIELD EASTBURN FIELD
COUNTY VERNON STATE MISSOURI
Location: 2080' FSL + 988' FWL
Sec. 28 Twp. 35N Rge. 33W

RECEIVED
JAN 29 1986
MO. OIL & GAS COUNCIL

Other Services: CCL

Permanent Datum: G.L. Elev. NA
Log Measured From G.L. Ft. Above Perm. Datum
Drilling Measured From G.L.

Elev. K.B. NA
D.F. NA
G.L. NA

Date	1/13/86	Type Drill Fluid	NA
Run No.	1 NW	Fluid in hole	NA dens NA
Depth-Driller	NA	Max. Rec. Temp.	NA
Depth-Logger	187.0	Est. Cement Top	NA
Btm. Log Interval	181.0	Equip. Location	102 PAOLA
Top Log Interval	0.0	Recorded By	E. PRATT
Open Hole Size	NA	Witnessed By	G. STUESSE

CASING REC.	Size	Wt/Ft	Grade	Type Joint	Top	Bottom
Surface String						
Prot. String						
Prod. String	4½"		J55	NA	0.0	187.0
Liner						

PRIMARY CEMENTING DATA

STRING	4½"
Vol. of Cement	NA
Type of Cement	NA
Additive	NA
Retarder	NA
Wt. of Slurry	NA
Water Loss	NA
Type of Fluid in Csg.	FW
Fluid Wt.	NA

The well name, location and bore hole reference data were furnished by the customer

PRIMARY CEMENTING PROCEDURE

	Hour Date	Hours from Start of operation
Started Pumping Cement	NA	NA
Released Pressure	NA	NA
Start Log	NA	NA
Finish Log	NA	NA

Preceding Fluid NA Volume NA bbls
Cement pumped NA bbls/minute

Pipe reciprocated during pumping yes ____ no X
Pipe reciprocated after plug down yes ____ no X

EQUIPMENT DATA

Tool Type & No. BPS 1001-T
Panel Type & No. BPS 1001-P
Logging Speed 20 FPM
Panel Gain 0.30 Panel Sensitivity 0.72
Delay Setting 3.07 Width Setting 1.78
Centralizers YES Type BS Number TWO (2)
Trans. Rec. Spacing THREE (3) FT. Amplitude NA
Transit time NA Wave Train NA

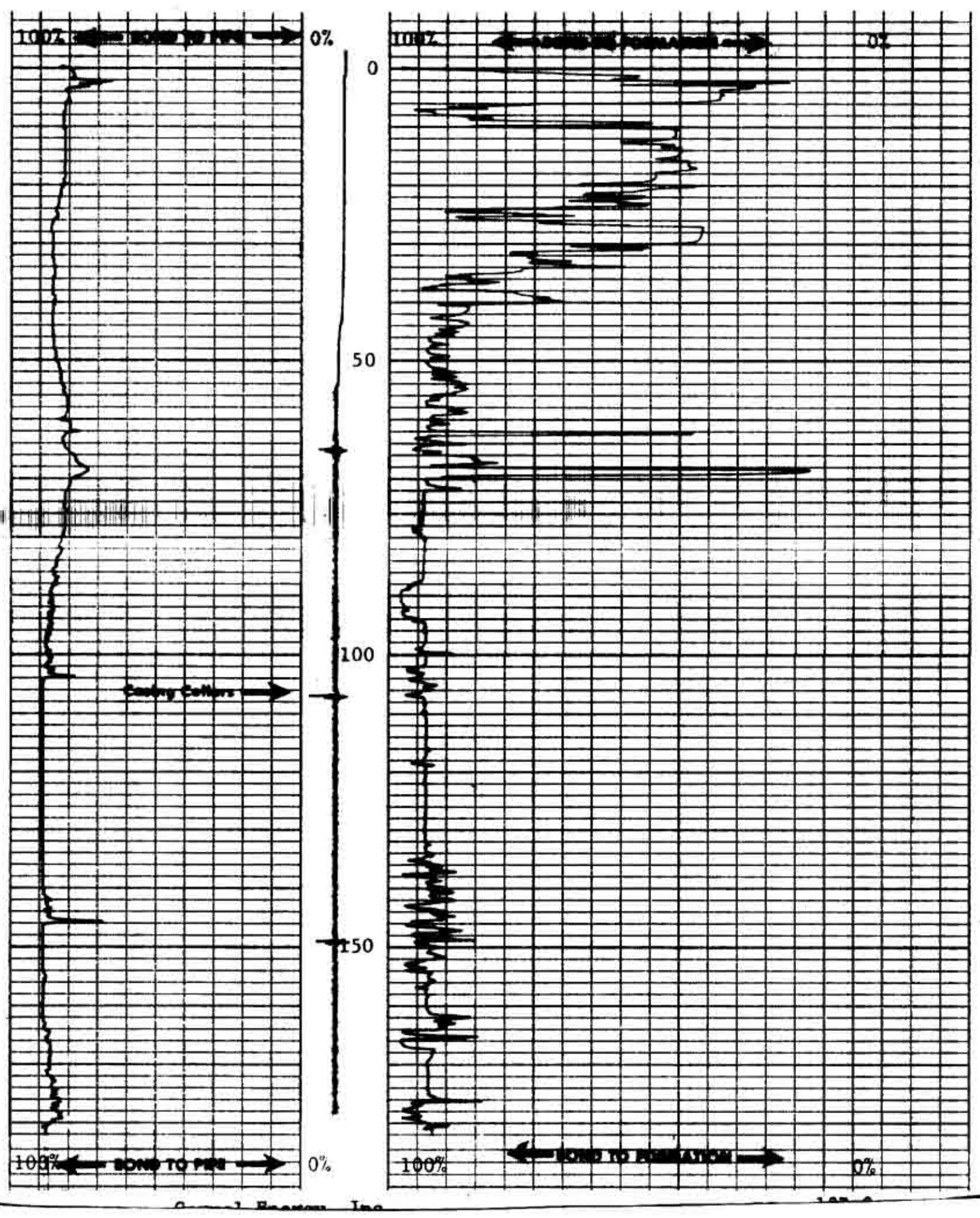
SQUEEZE JOB DETAIL

Squeeze No.	1	2	3	4
Date				
Depth Interval				
Type Cement				
Volume of Cement				
Additive				
Retarder				
Weight of Slurry				
Preceding Fluid				
Breakdown Pressure				
Max Pressure - Stage 1				
Max Pressure - Stage 2				
Max Pressure - Stage 3				
Final Maximum Pressure				
Started Pumping Cement				
Released Pressure				
Start Log				
Finish Log				

TOOL SKETCH	CENTRALIZER DEPTHS	SCRATCHER DEPTHS

AVERAGE WELL DRIFT
°from to ; °from to

REMARKS FREE PIPE CALIBRATION @ 26.01 KENNEDY WELL NO. K-N47L

SERVICE ORDER # 8131

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