



Sonic Cement Bond Log

(785) 625-3858

API No.		Company Larson Engineering, Inc.	
15-101-22335-00-00		Well SS No. 10	
Location 330' FSL & 330' FEL SE-SE-SE		Field Wildcat	
County Lane		State Kansas	
Sec: 10 Twp: 19S Rge: 29W		Other Services Mast Trailer	
Permanent Datum	Ground Level	Elevation 2816	K.B. 2823
Log Measured From	Kelly Bushing	7 Ft. Above Perm. Datum	D.F. 2816
Drilling Measured From	Kelly Bushing		G.L. 2816
Run Number	One		
Date Survey	1/30/2012		
Date Cementing	1/24/2012		
Type Cementing Operation	Primary		
Depth Driller	4660		
Depth Logger	4613		
Logged Interval	4611 to 3550		to
Casing Driller	5.5 @ T.D.		@
Float Collar -- D.V. Tool	2135		
Squeeze Depth			
Amount & Type Cement			
Amount & Type Admix			
Type Fluid In Hole	Water		
Fluid Level	Full		
Salinity PPM CL			
Weight lb/gal -- Vis.			
Approx. Logged Cement Top	3700		
Calculated Cement Top			
Max. Hole Temperature	123		
Tool No.	D-1		
Spacing Recorded	3-5		
Equipment -- Location	72 Hays		
Recorded By	K. Ladrigan		
Witnessed By	Tom Larson		

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Thank you for using Log-Tech (785) 625-3858

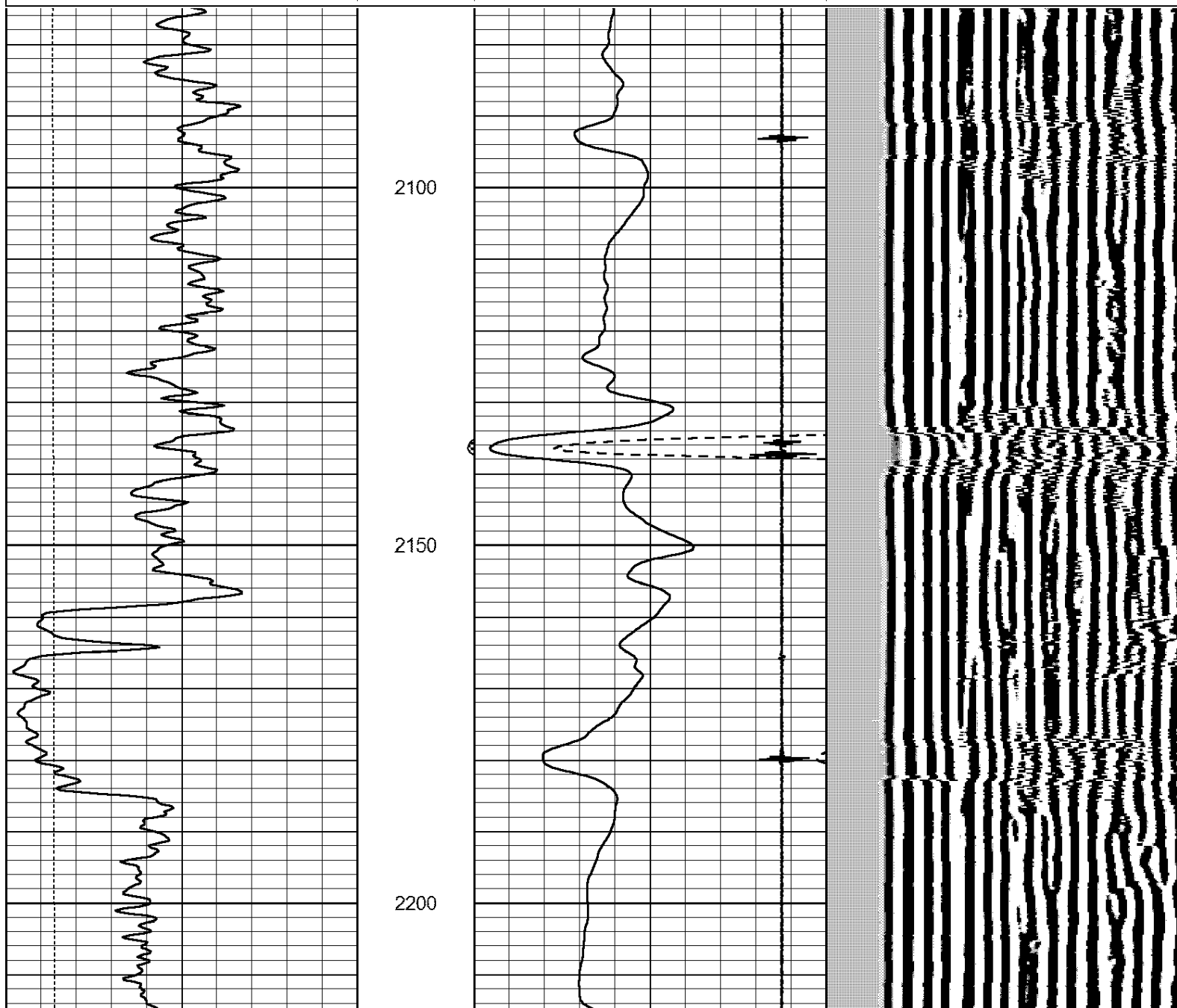
Dighton, KS., 2 South to 130 Road, 2 West to Jagger Road, 3 South
West Into.



Port Collar @ 2135

Database File: larsen-ss10.db
 Dataset Pathname: grcbl/run1/pass5
 Presentation Format: cbl dig
 Dataset Creation: Mon Jan 30 15:45:08 2012 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240

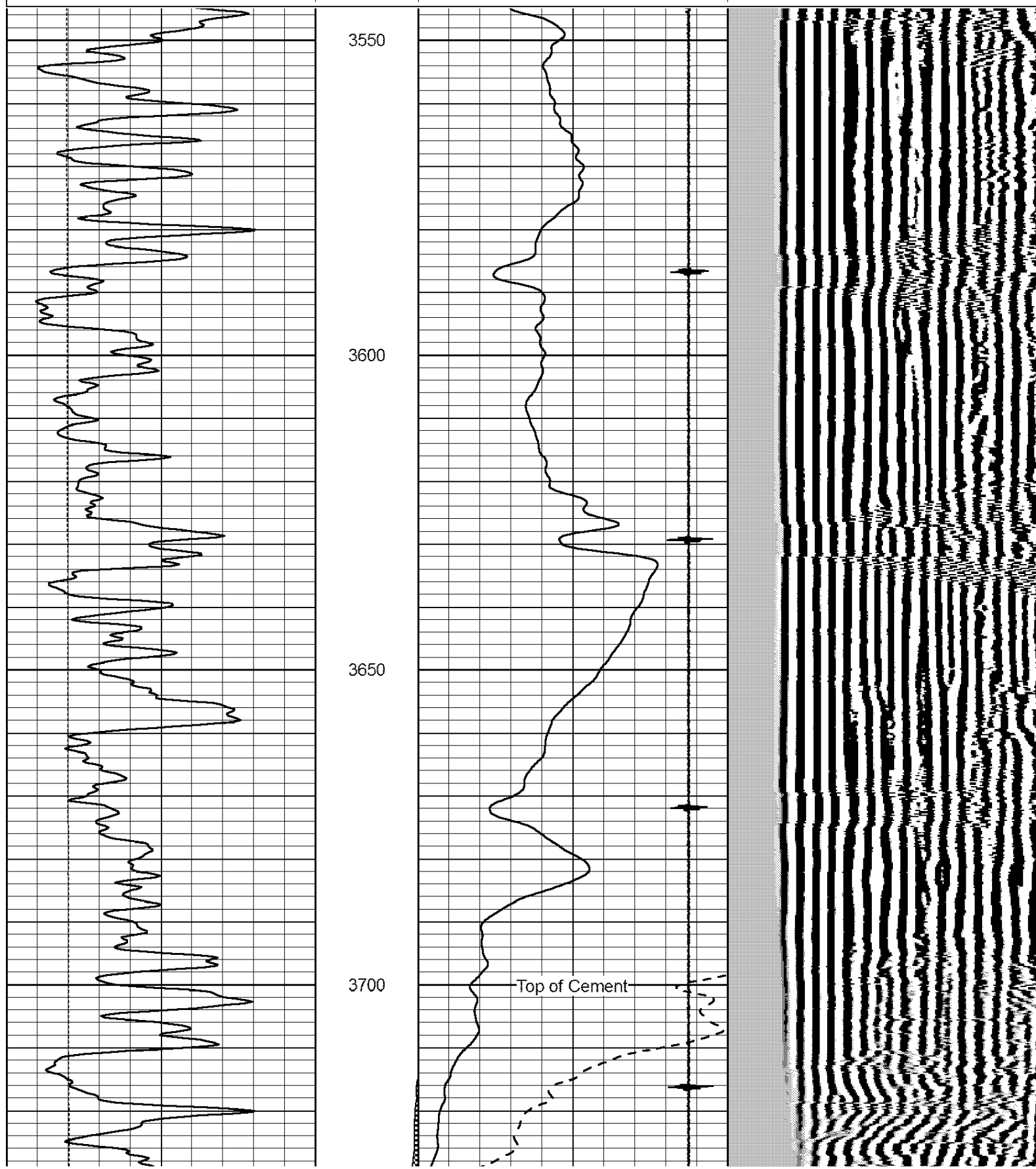
0	GR (GAPI)	150	AMP3	0	Amplitude (mV)	100	200	Variable Density	1200
0	LTEN (lb)	5000	(mV)	0	Amplified Amplitude (mV)	20			
			-100 10	7	Collar Locator	-1			

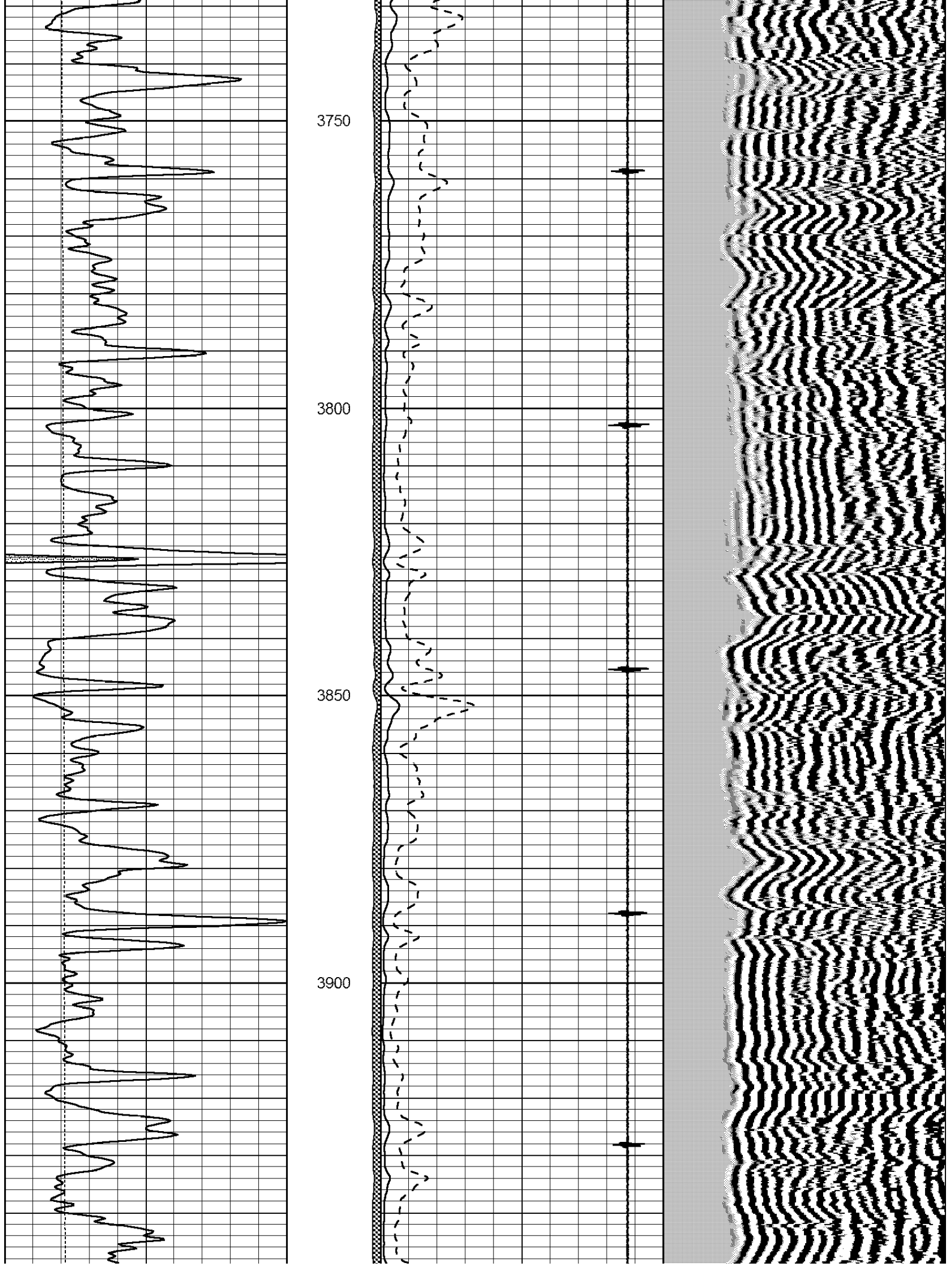


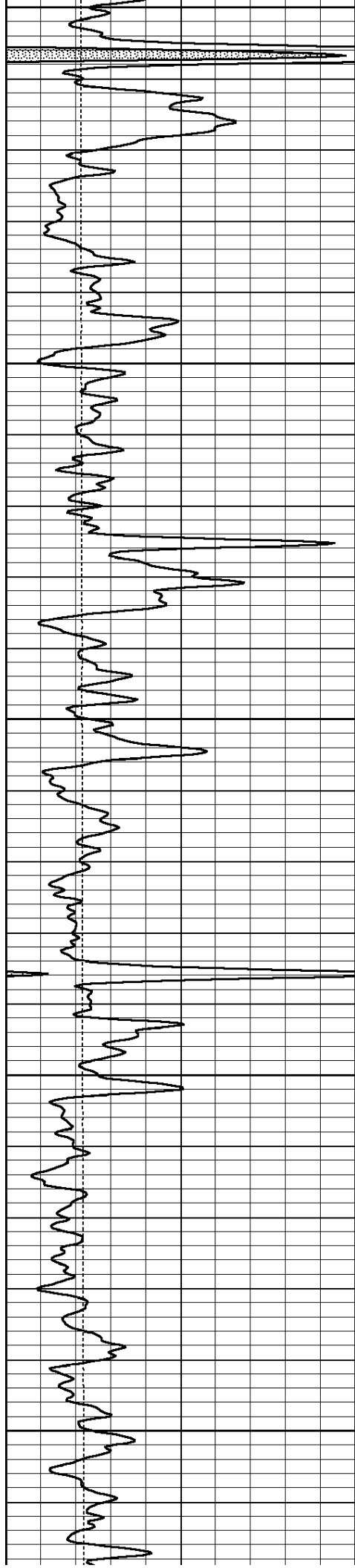
0	GR (GAPI)	150	AMP3	0	Amplitude (mV)	100	200	Variable Density	1200
0	LTEN (lb)	5000	(mV)	0	Amplified Amplitude (mV)	20			
			-100 10	7	Collar Locator	-1			

Database File: larsen-ss10.db
Dataset Pathname: grcbl/run1/pass4
Presentation Format: cbl dig
Dataset Creation: Mon Jan 30 15:19:55 2012 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

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0	LTEN (lb)	5000	(mV)	0	Amplified Amplitude (mV)	20			
			-100 10	7	Collar Locator	-1			







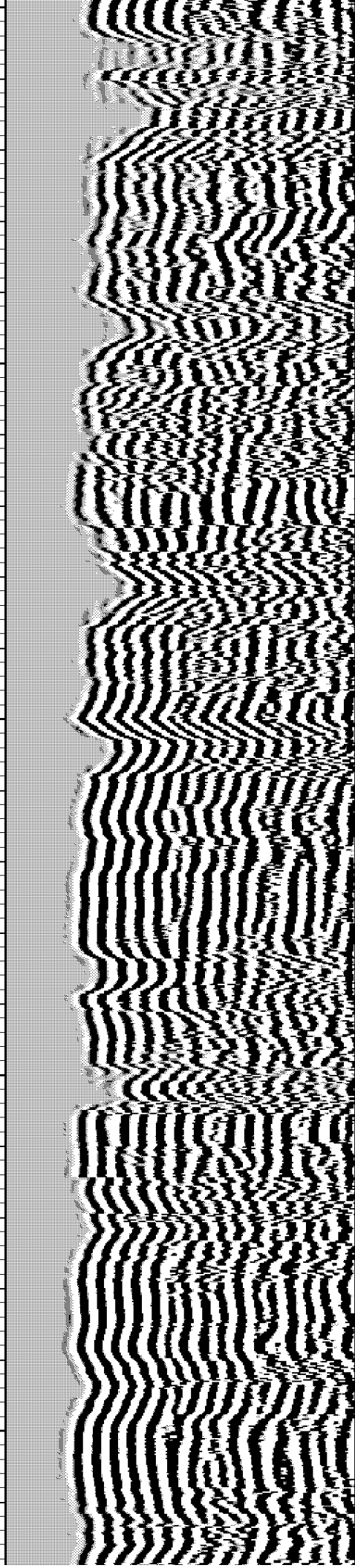
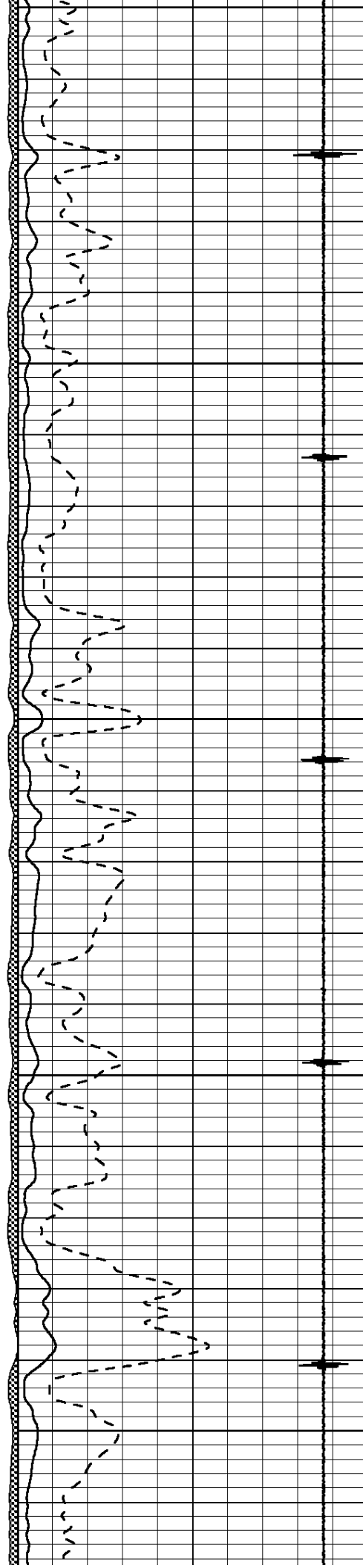
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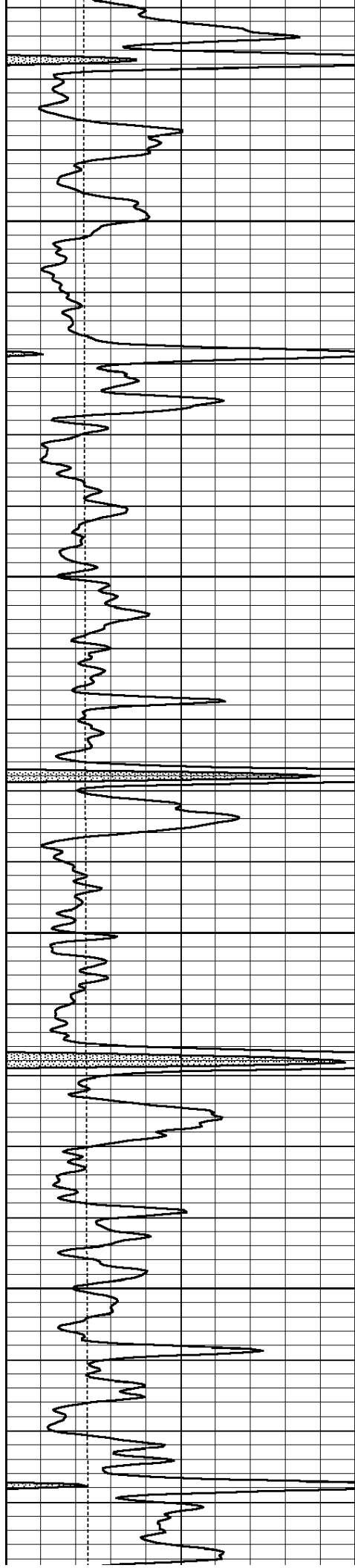
4000

4050

4100

4150



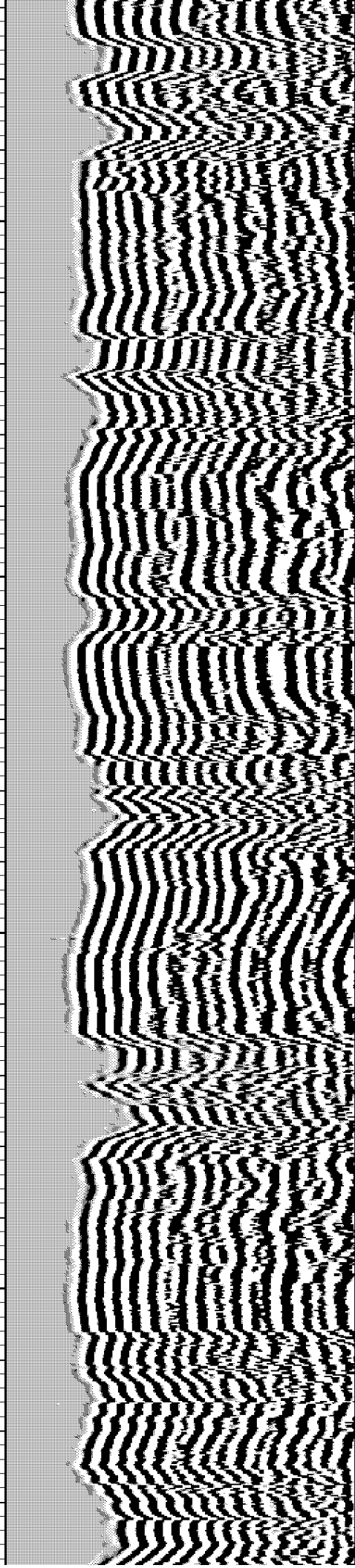
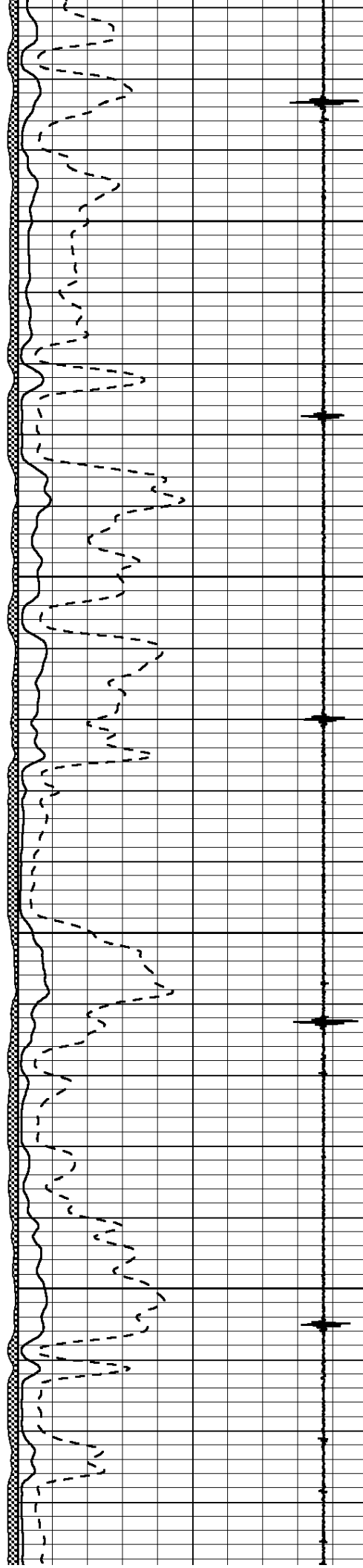


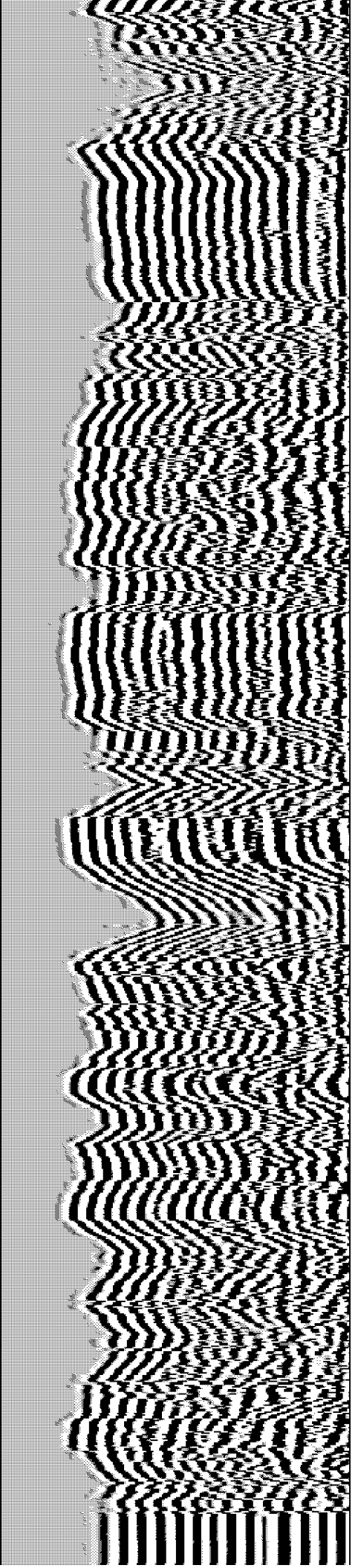
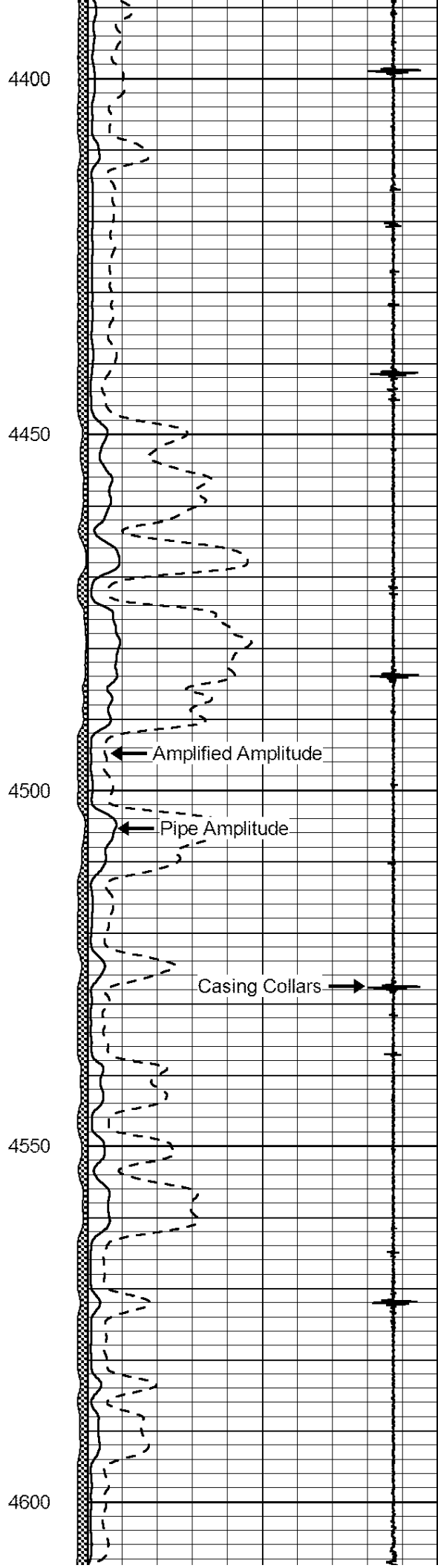
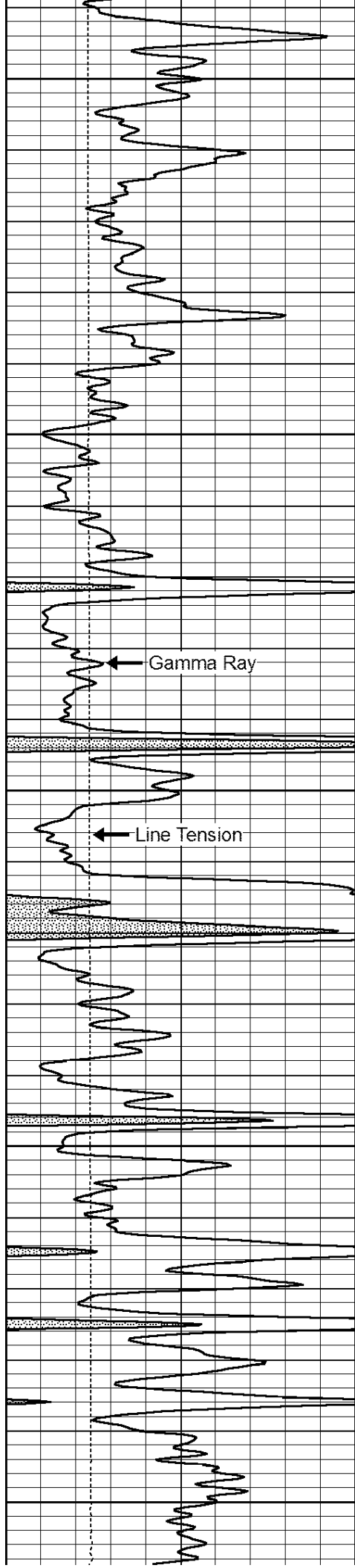
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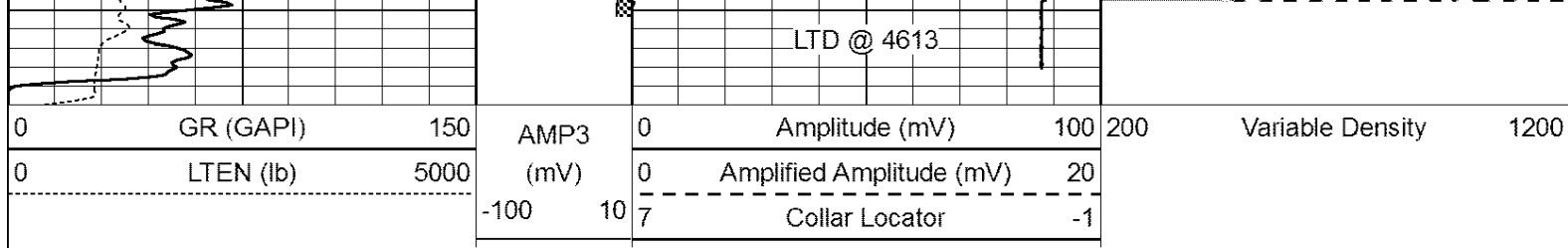
4250

4300

4350







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Repeat Section

Database File: larsen-ss10.db
 Dataset Pathname: grcbl/run1/pass3
 Presentation Format: cbl dig
 Dataset Creation: Mon Jan 30 15:15:26 2012 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240

