



Sonic Cement Bond Log

(785) 625-3858

API No. 15-109-21049-00-00		Company Lario Oil & Gas Company	
Well Rose No. 4-14		Field Chalk Buttes	
County Logan		State Kansas	
Location 990' FNL & 2310' FWL SE-NE-NW		Other Services Perforate	
Sec: 14 Twp: 14S Rge: 32W		Elevation K.B. 2799 D.F. 2797 G.L. 2790	
Permanent Datum Log Measured From Drilling Measured From	Ground Level Kelly Bushing Kelly Bushing	Elevation 2790 9 Ft. Above Perm. Datum	
Run Number	One		
Date Survey	2/1/2012		
Date Cementing	1/14/2012		
Type Cementing Operation	Primary		
Depth Driller	4530		
Depth Logger	4510		
Logged Interval	4508 to 1300	to	
Casing Driller	5.5 @ T.D.	@	
Float Collar -- D.V. Tool	2272		
Squeeze Depth			
Amount & Type Cement			
Amount & Type Admix			
Type Fluid In Hole	Water		
Fluid Level	500		
Salinity PPM CL			
Weight lb/gal -- Vis.			
Approx. Logged Cement Top			
Calculated Cement Top	121		
Max. Hole Temperature	D-1		
Tool No.	3-5		
Spacing Recorded	72	Hays	
Equipment -- Location	K. Ladrigan		
Recorded By	Curtis Keil		
Witnessed By			

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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

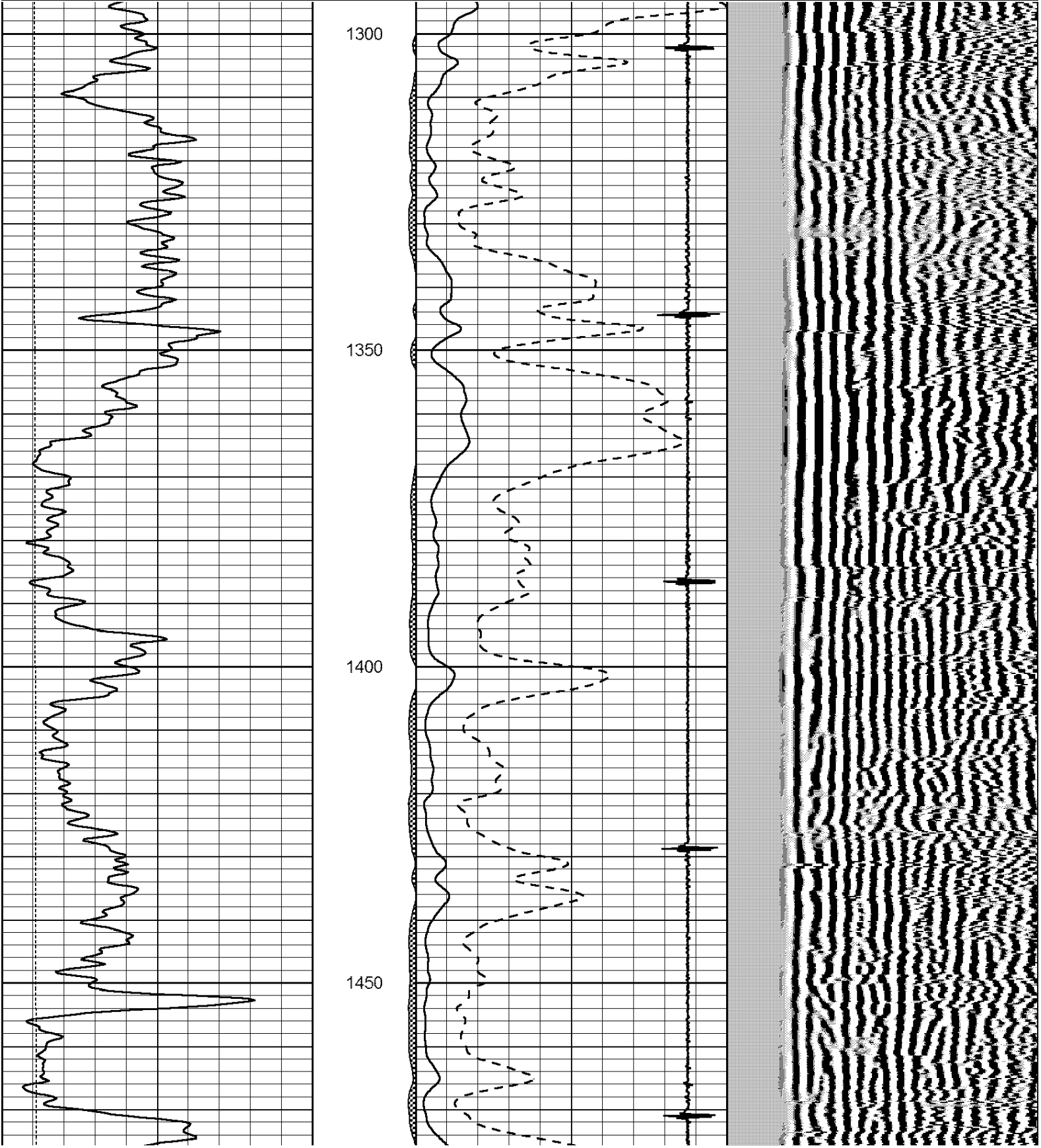
Oakley, KS., HWY 40 & 83 Junction, 19.2 South,
East Into Trhough Pasture Gate

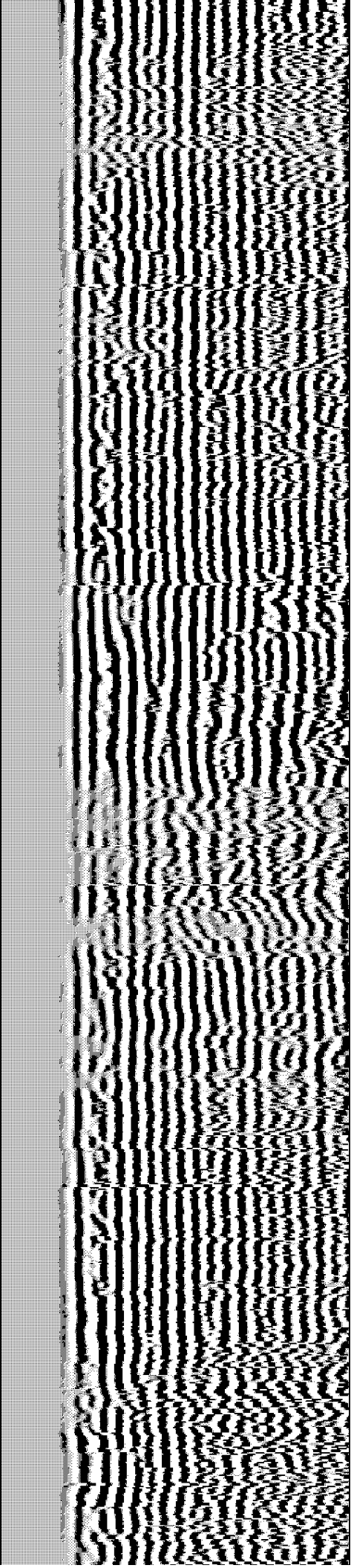
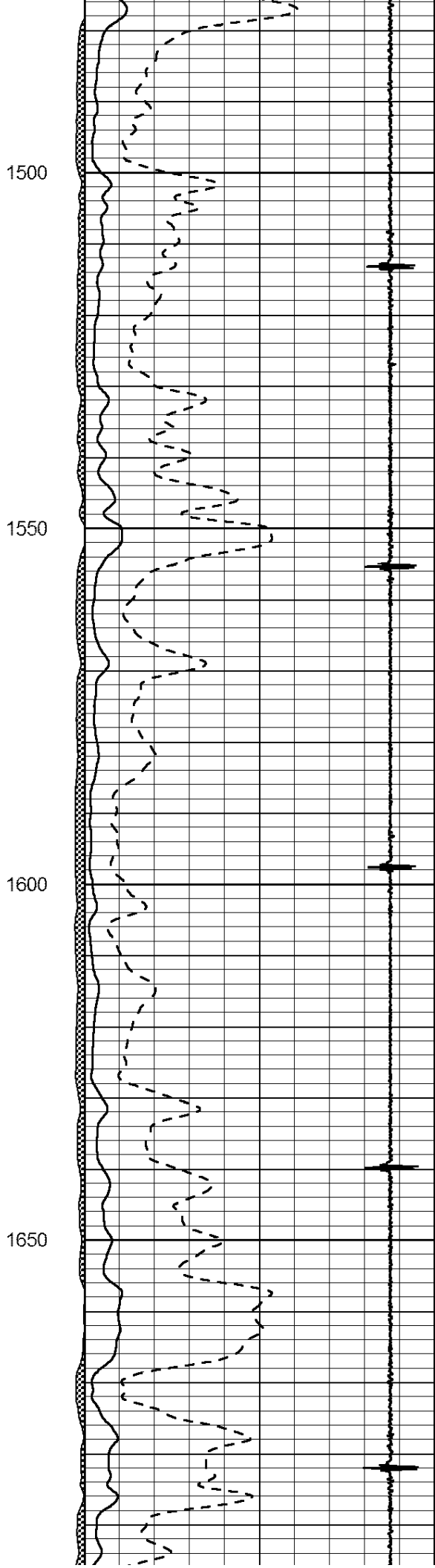
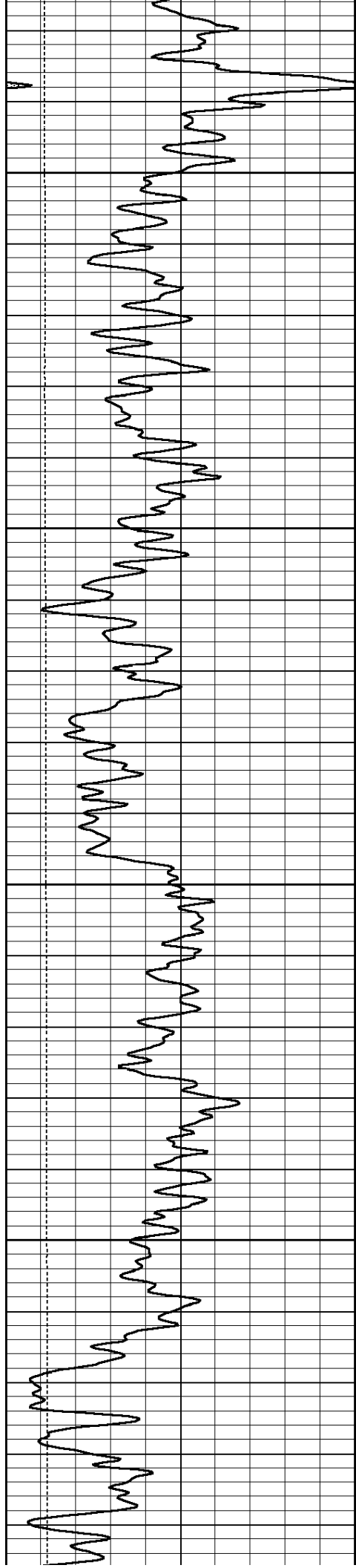


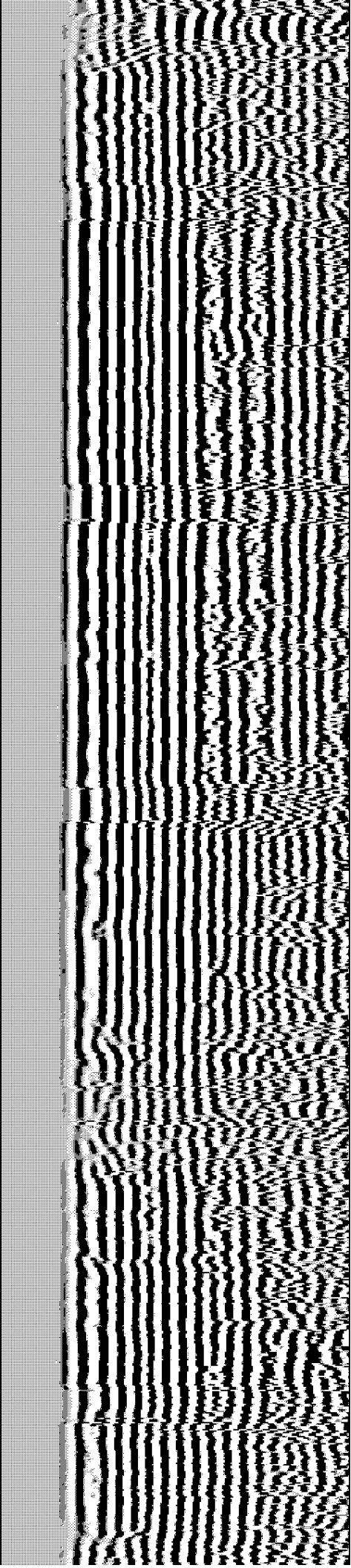
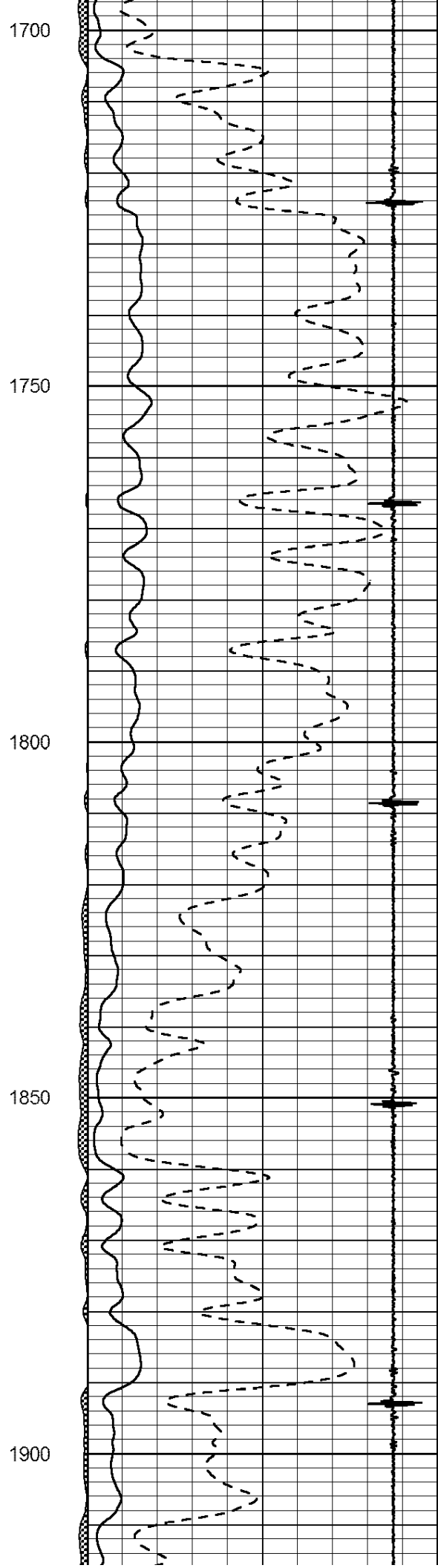
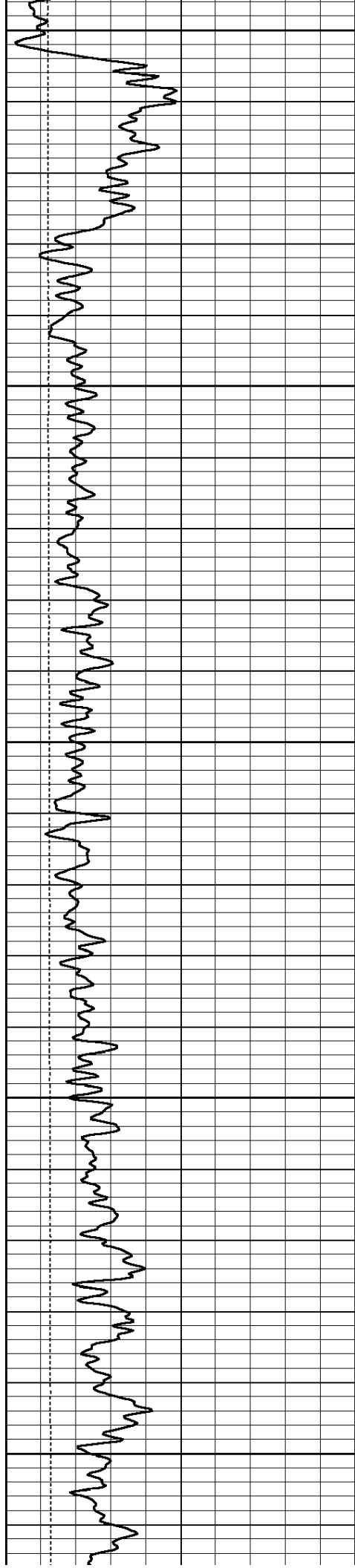
Main Pass

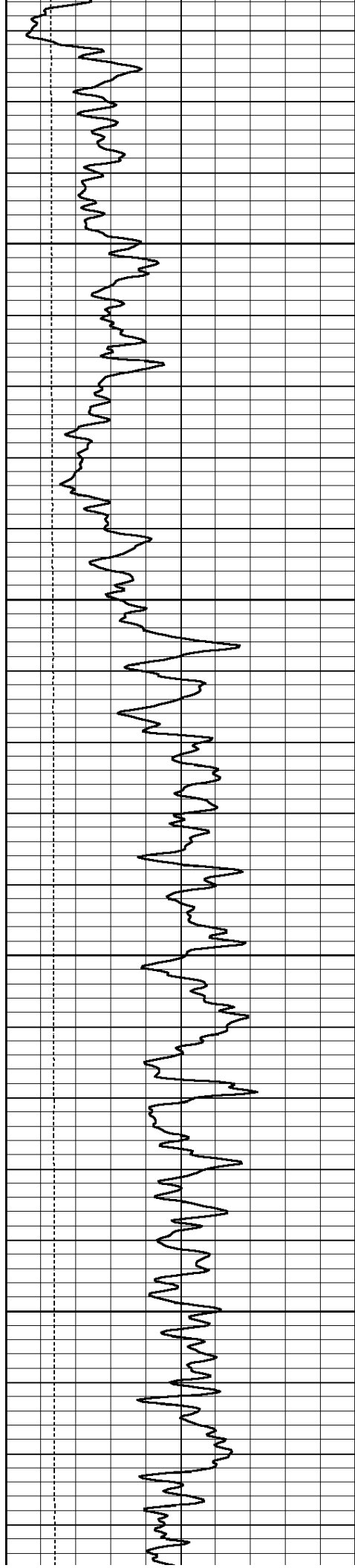
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Dataset Pathname: grcbl/run1/pass3.3
Presentation Format: cbl dig
Dataset Creation: Wed Feb 01 09:57:31 2012
Charted by: Depth in Feet scaled 1:240

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







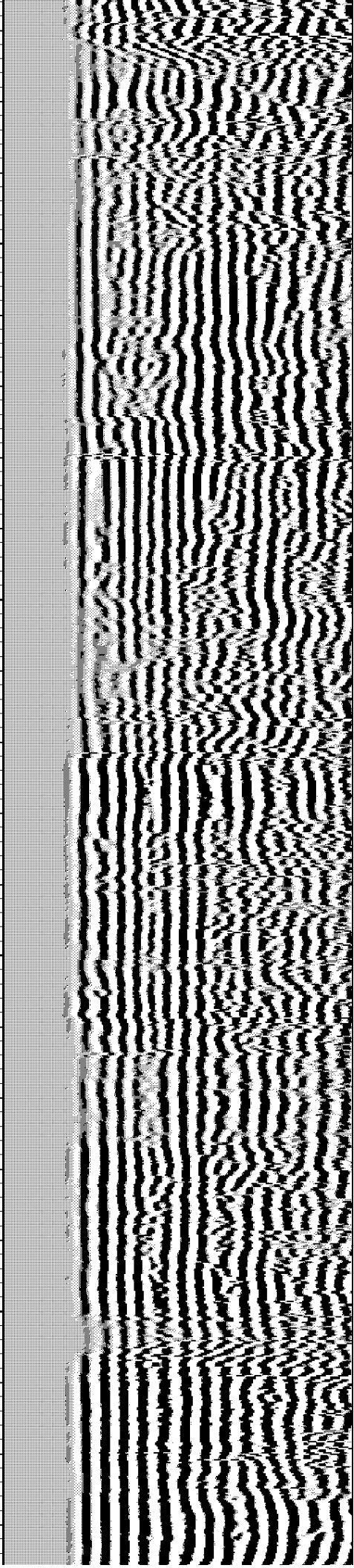
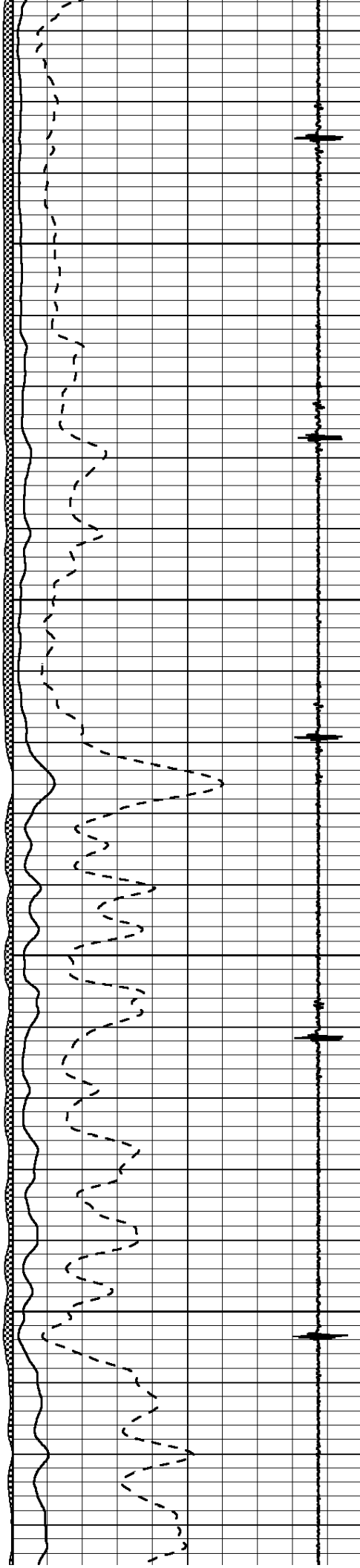


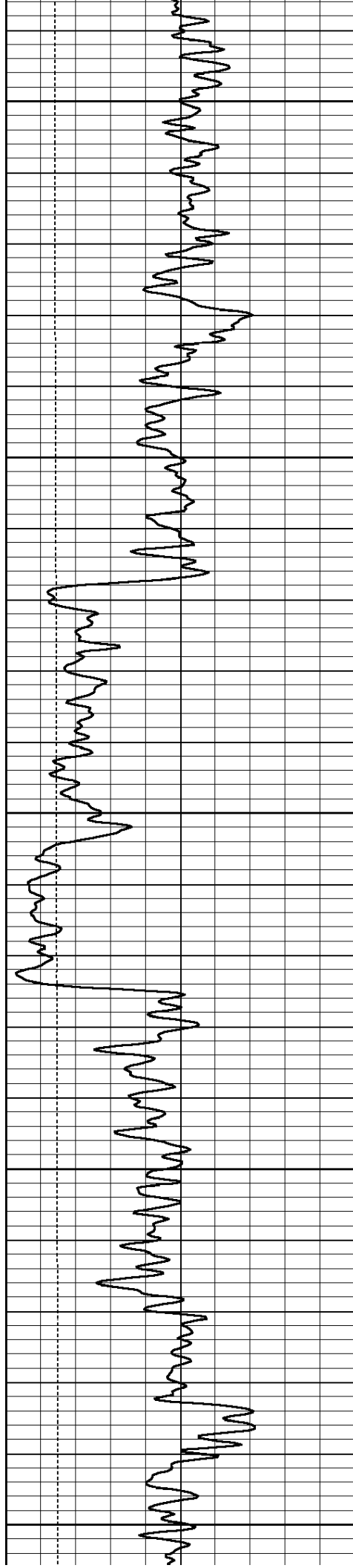
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2000

2050

2100





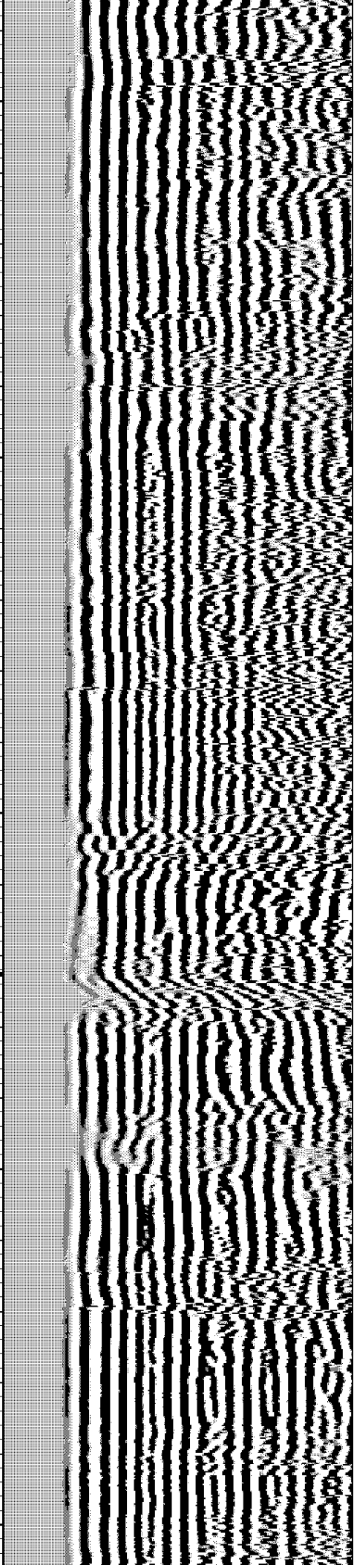
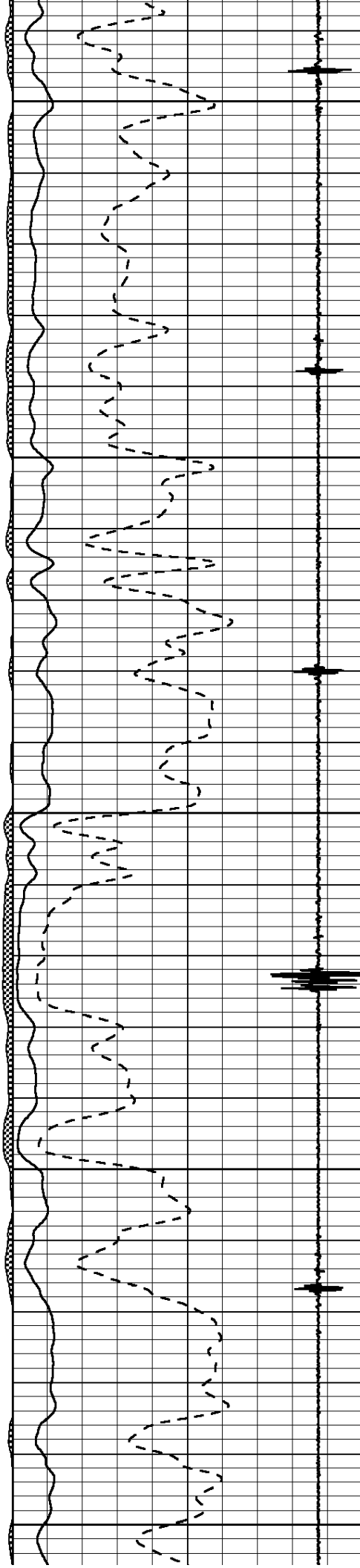
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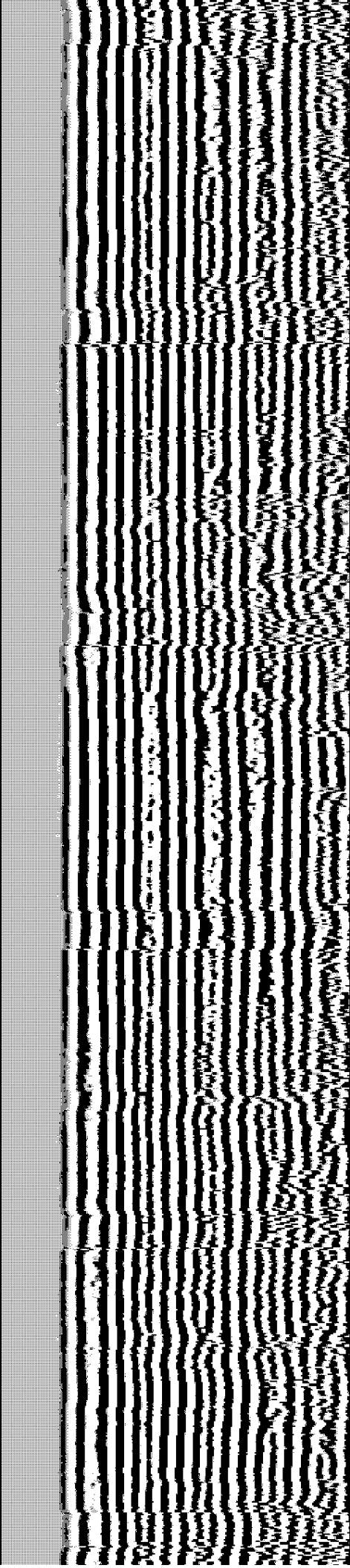
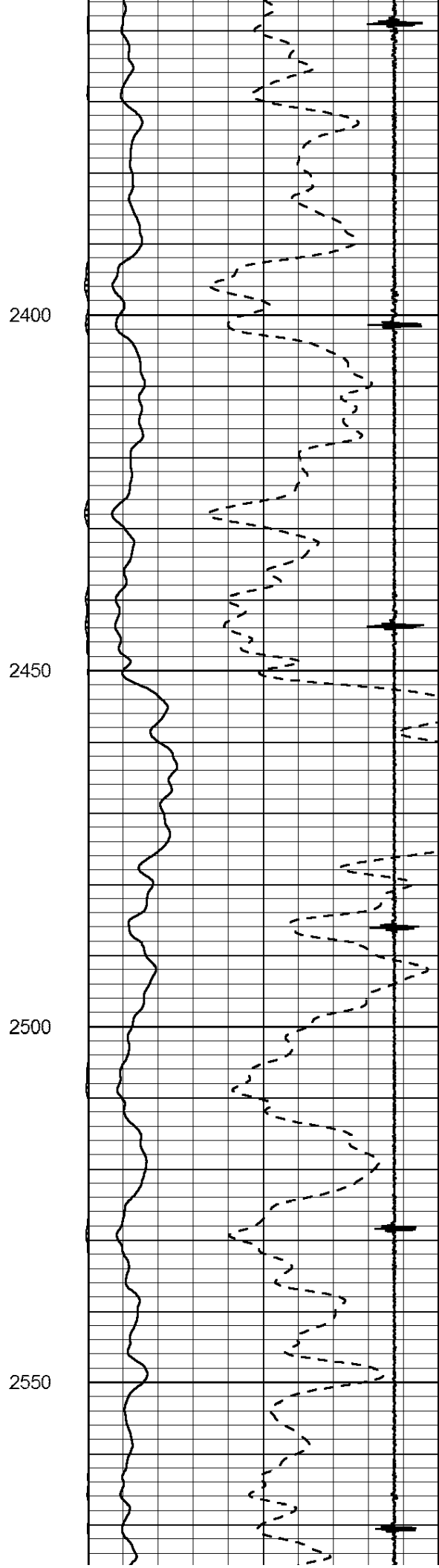
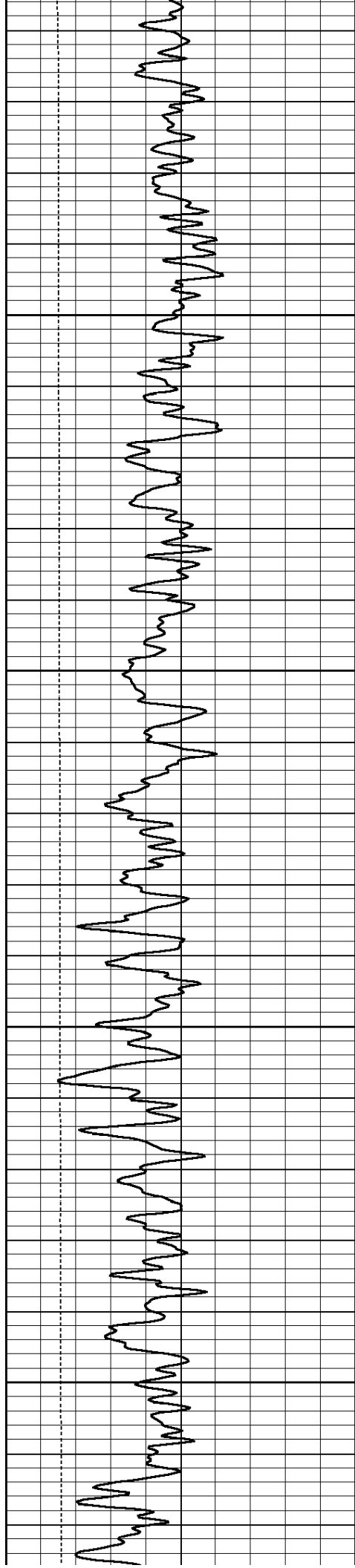
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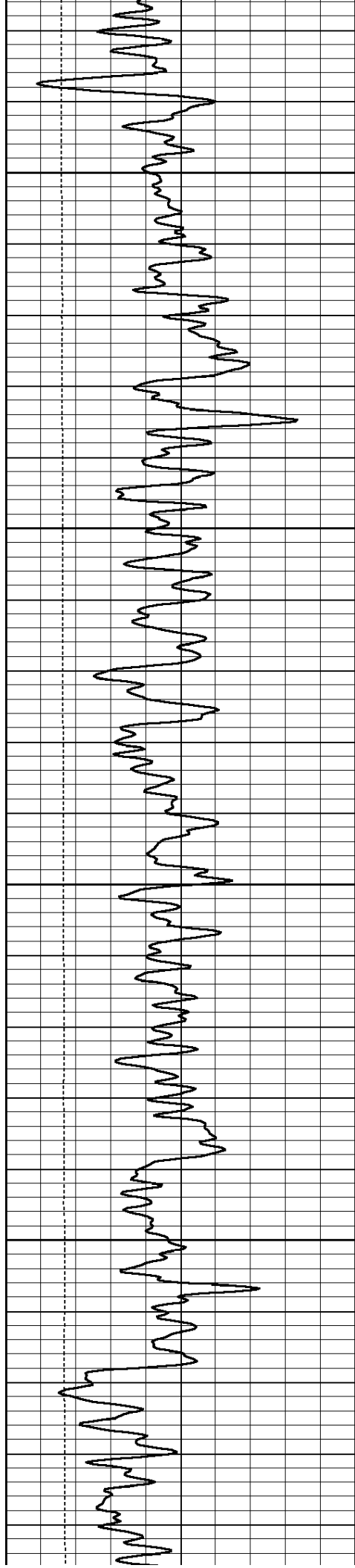
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2300

2350





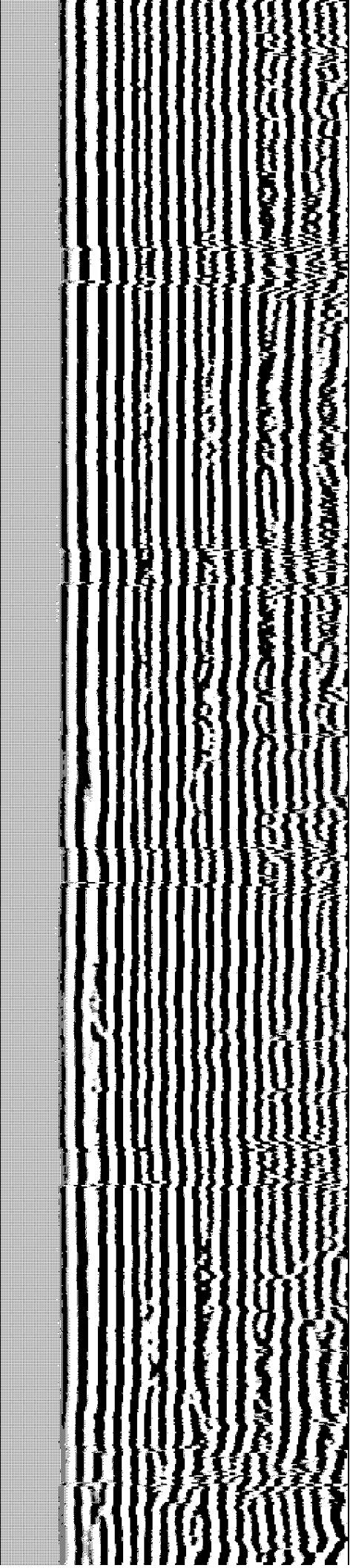
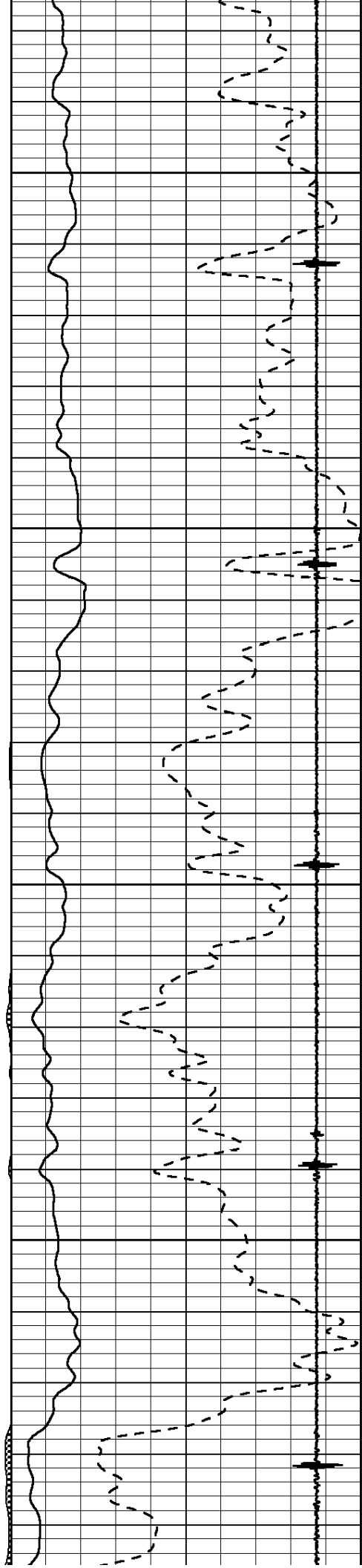


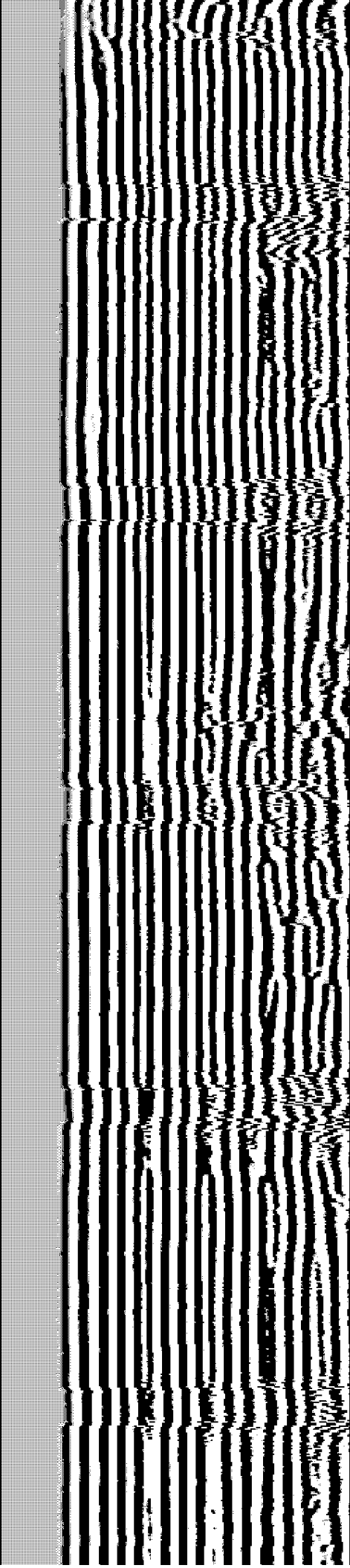
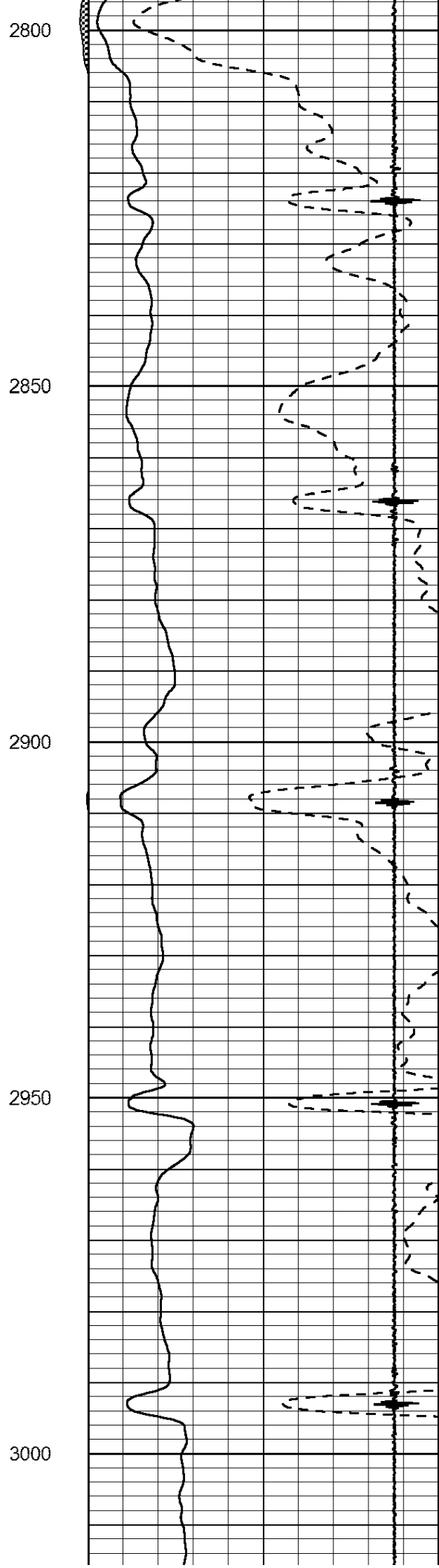
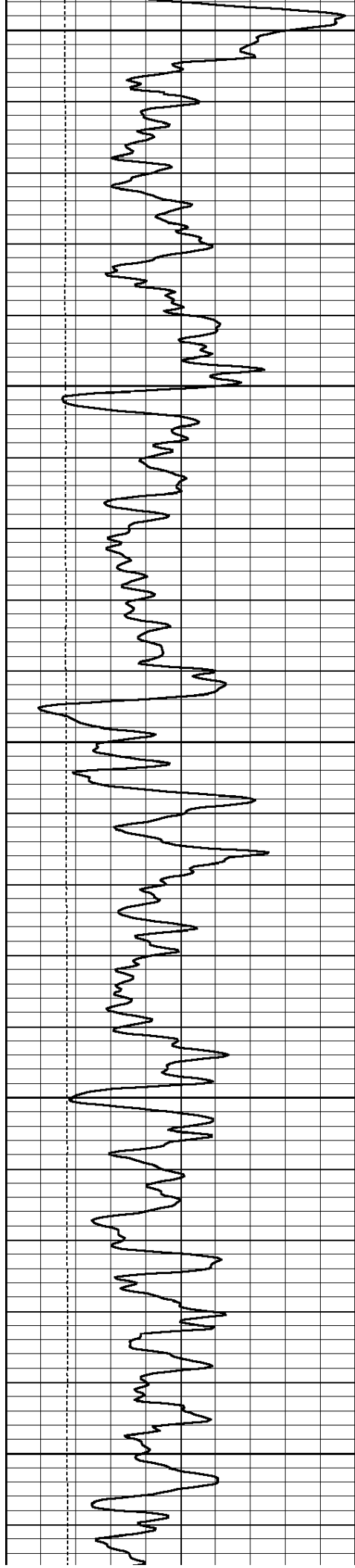
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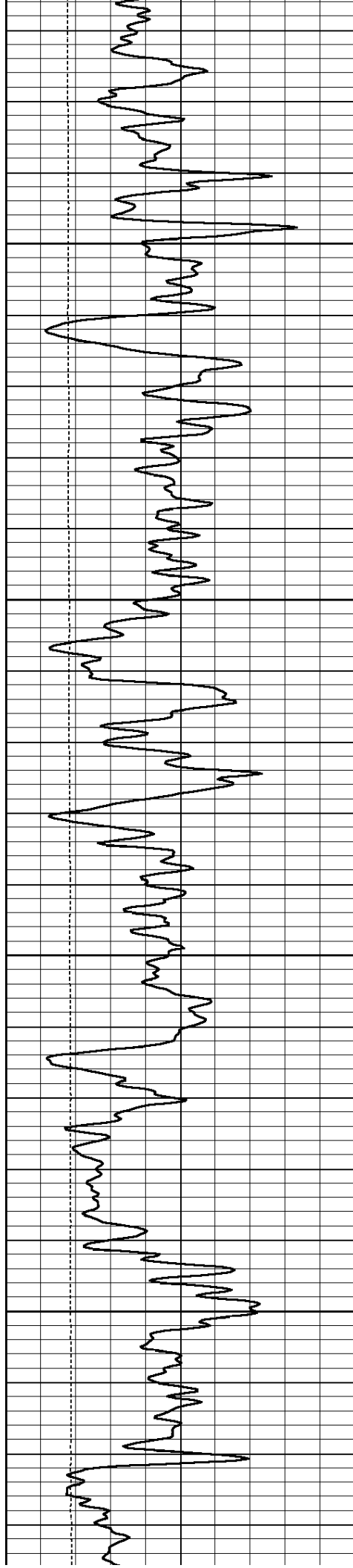
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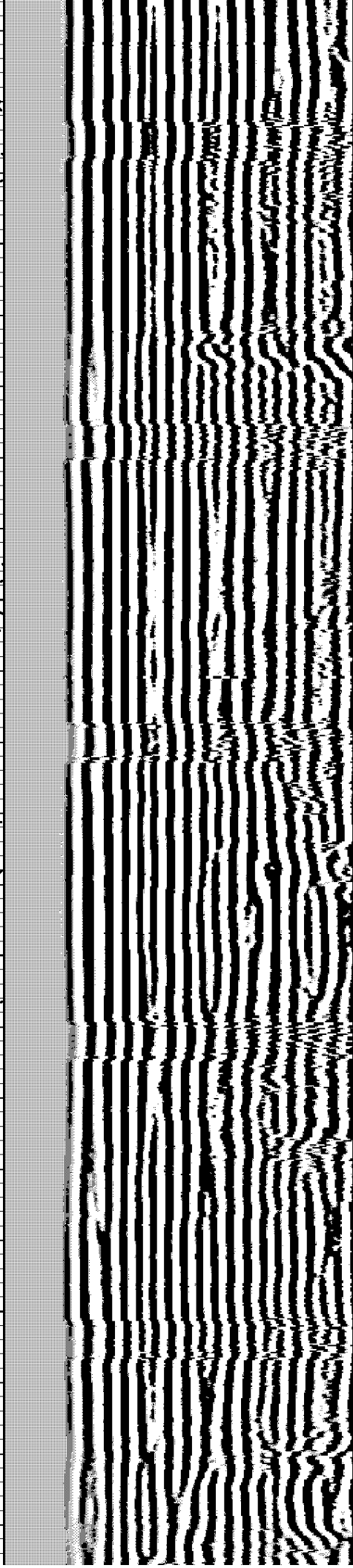
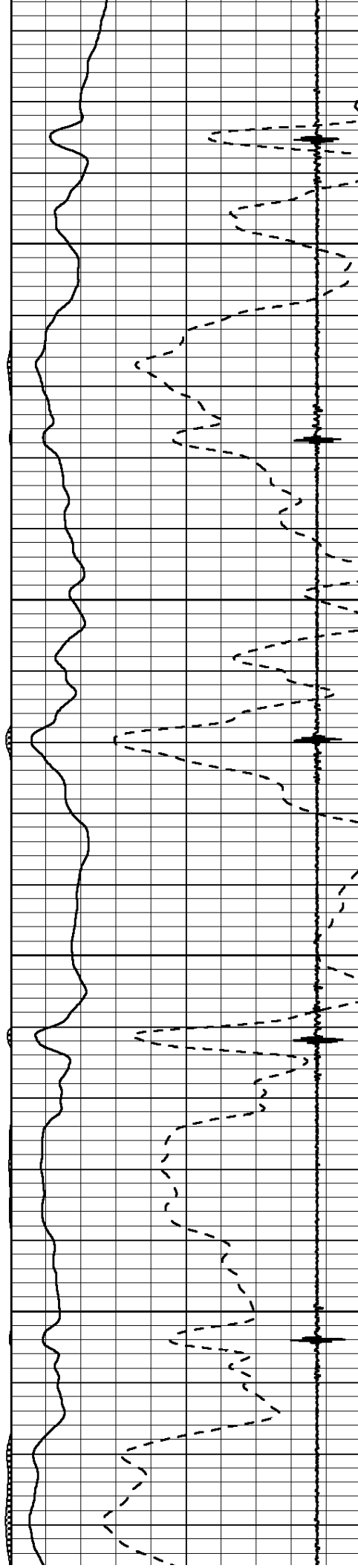


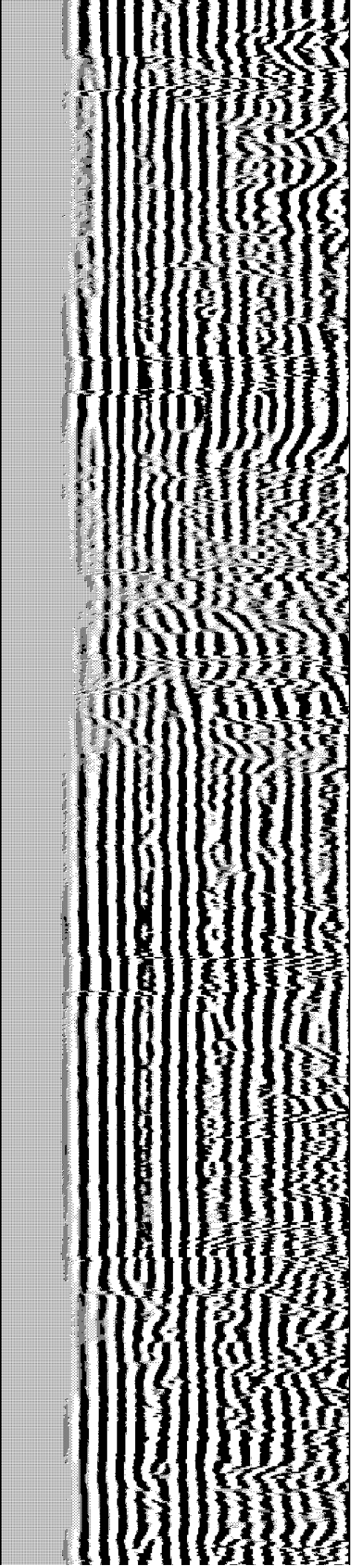
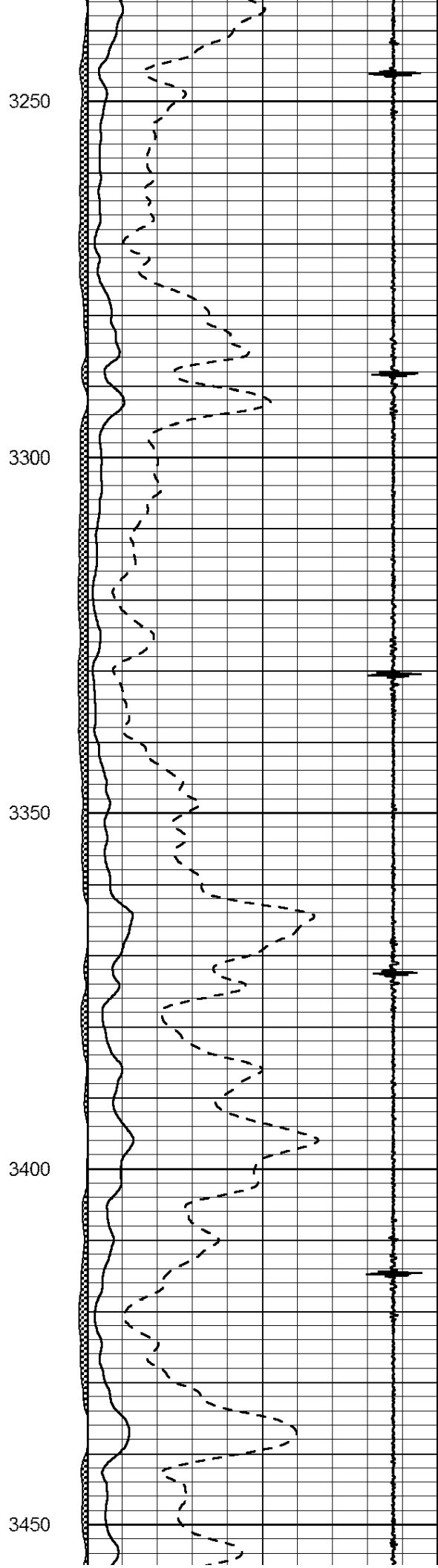
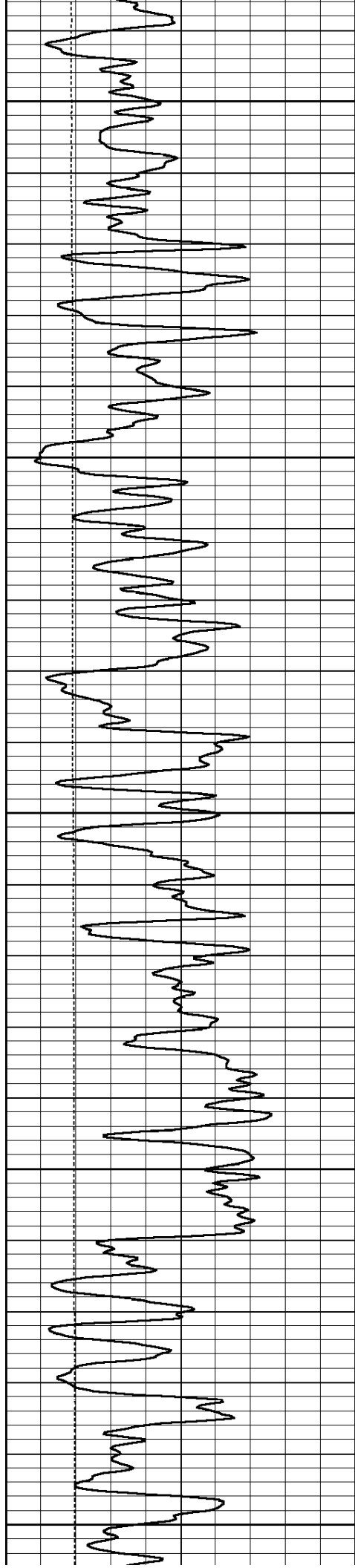
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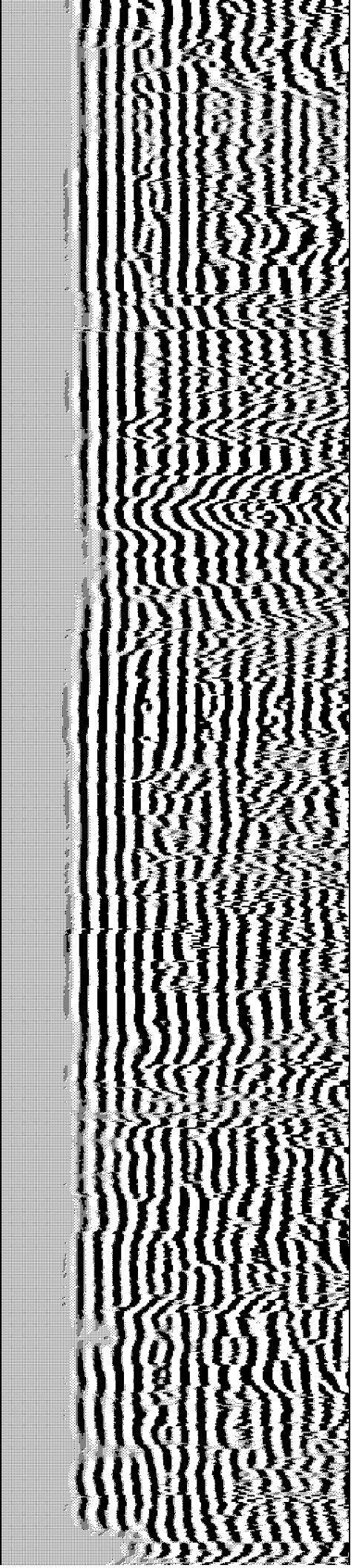
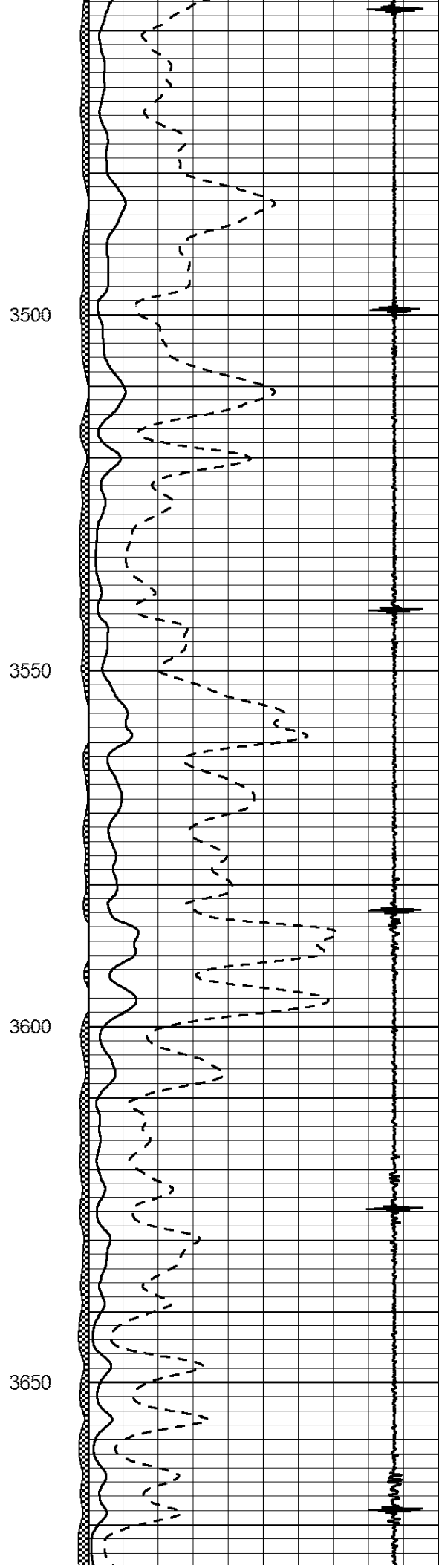
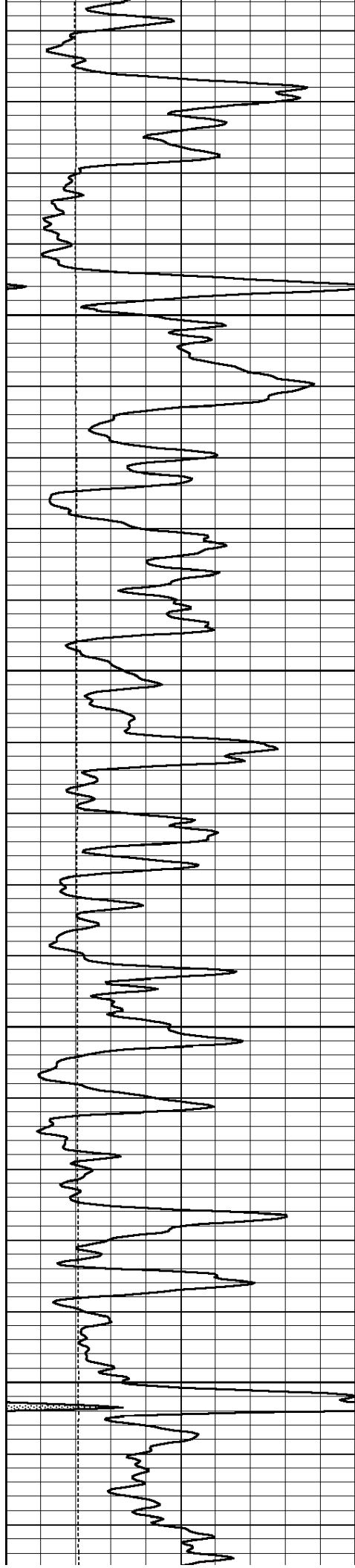
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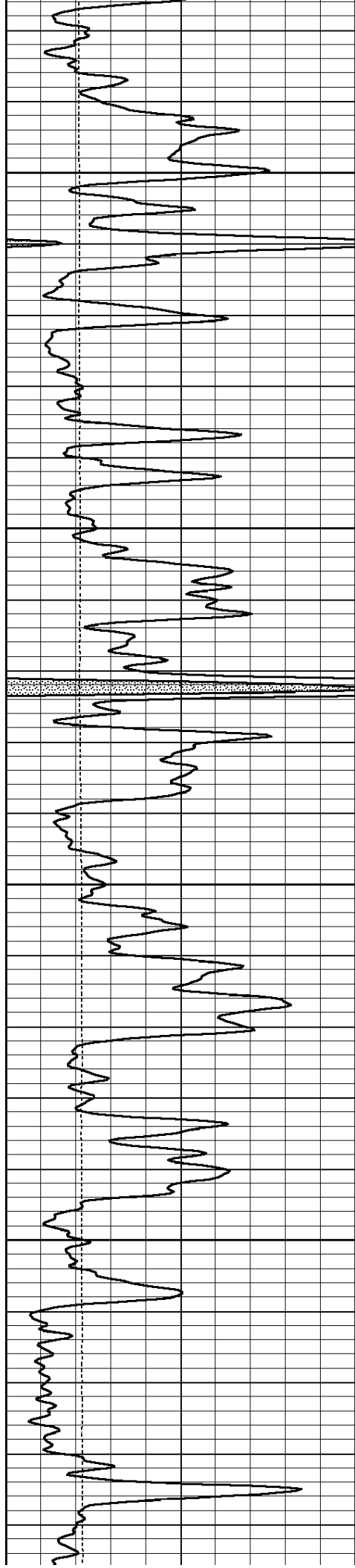
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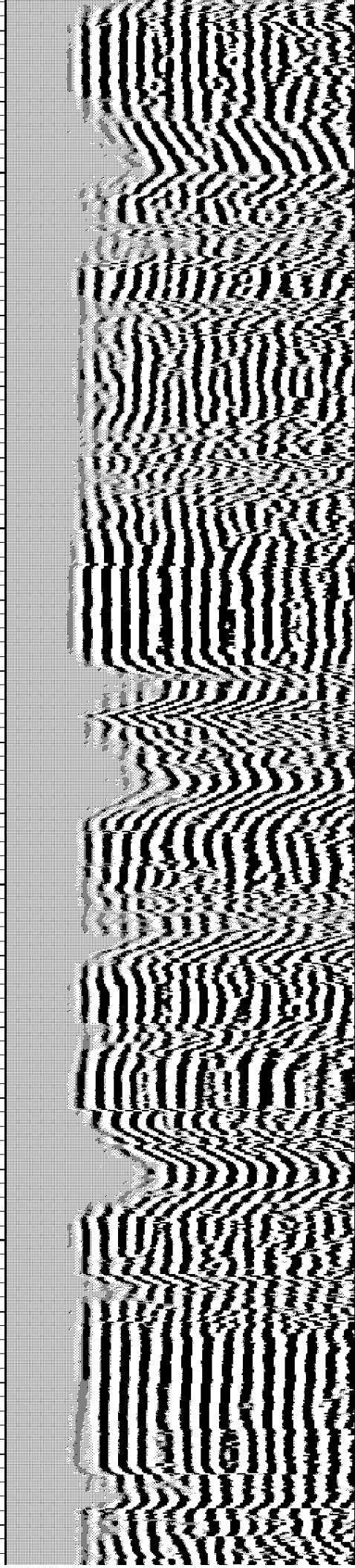
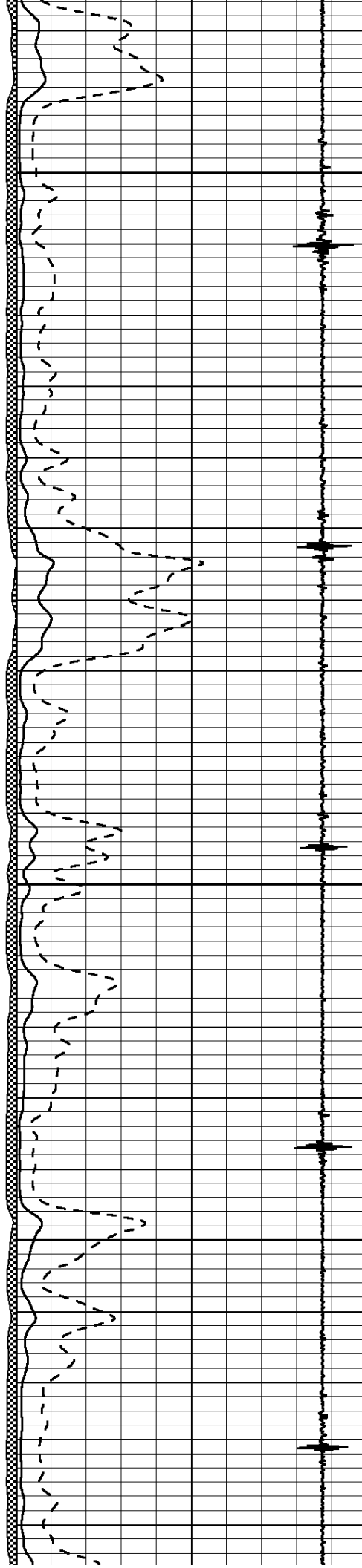


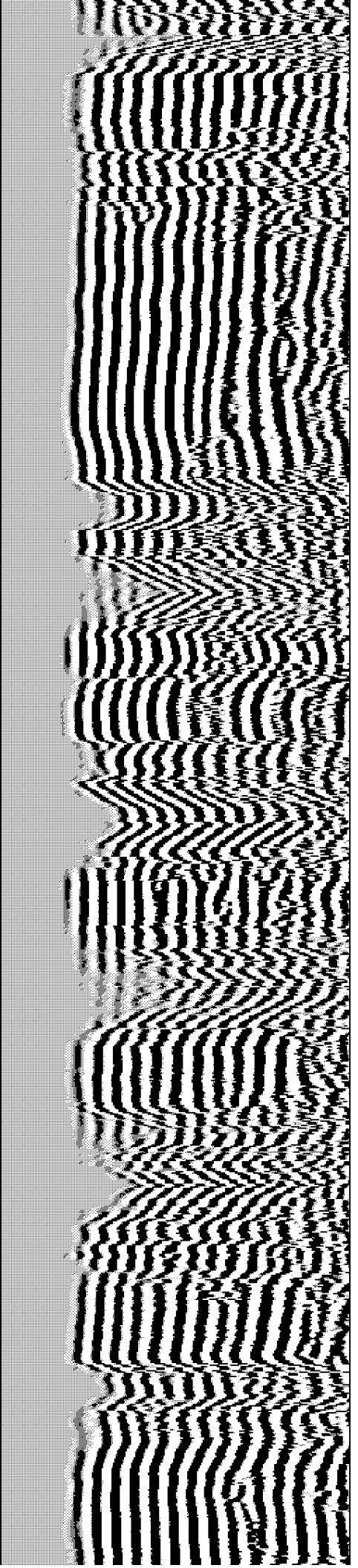
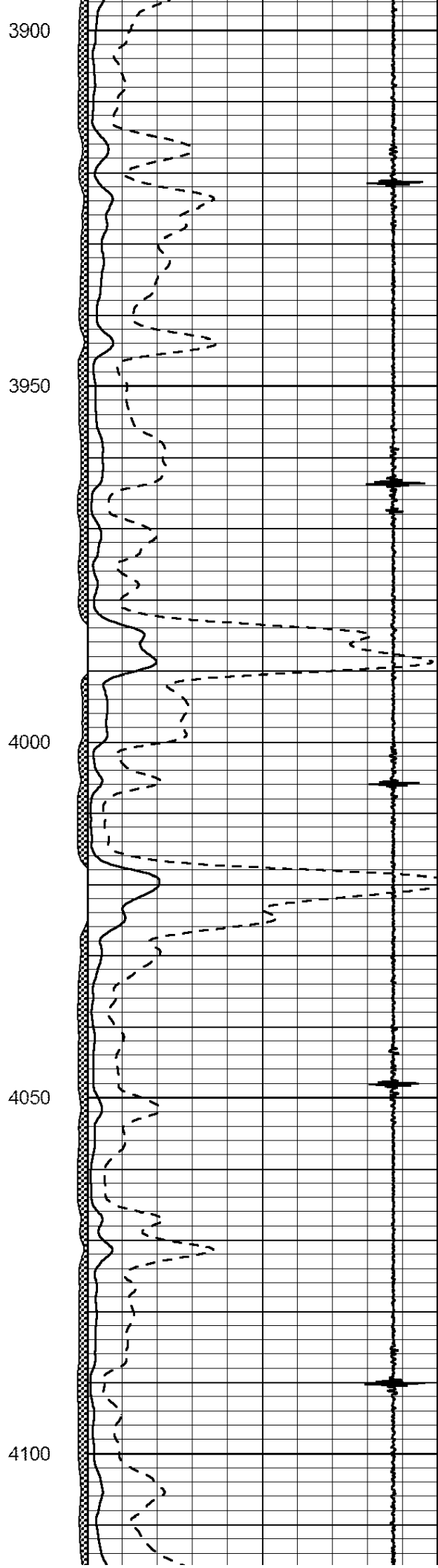
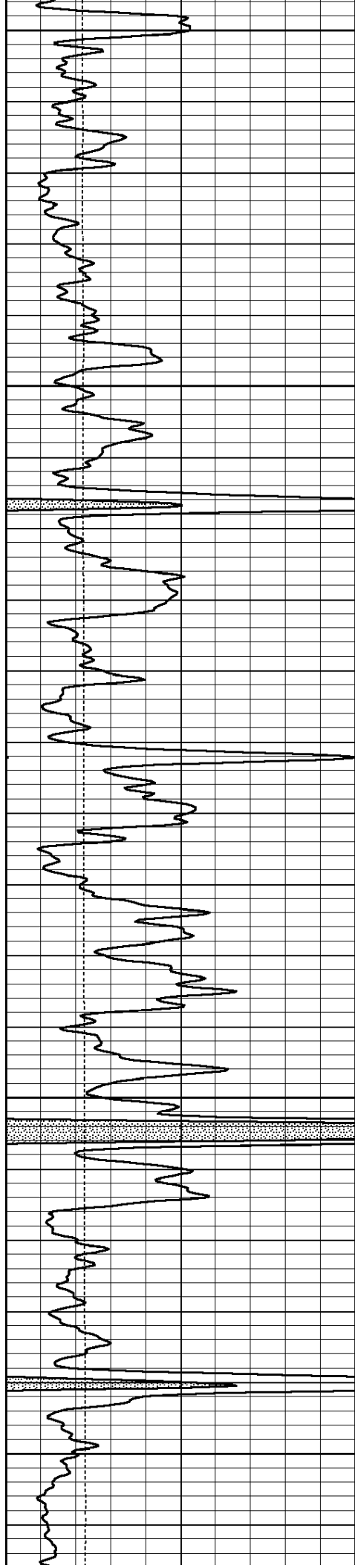
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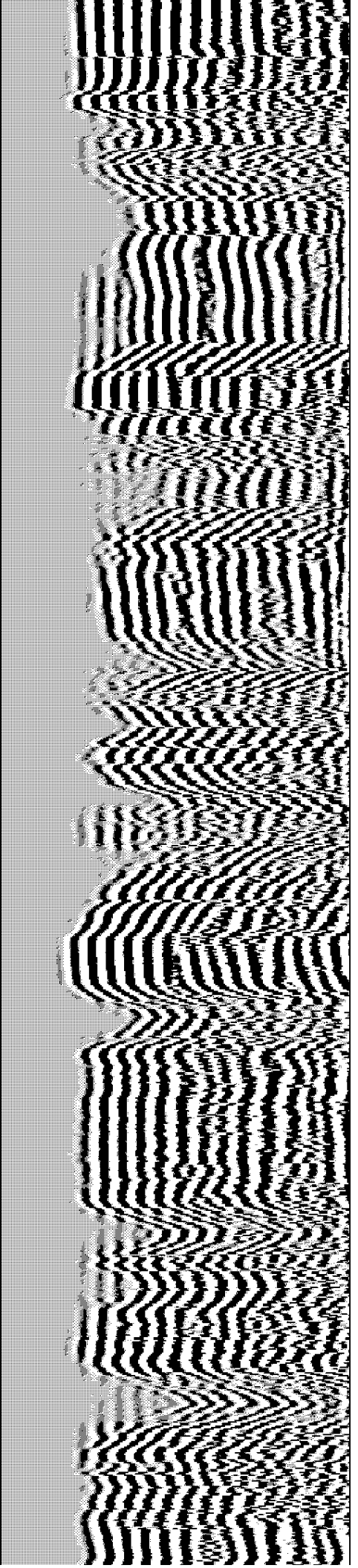
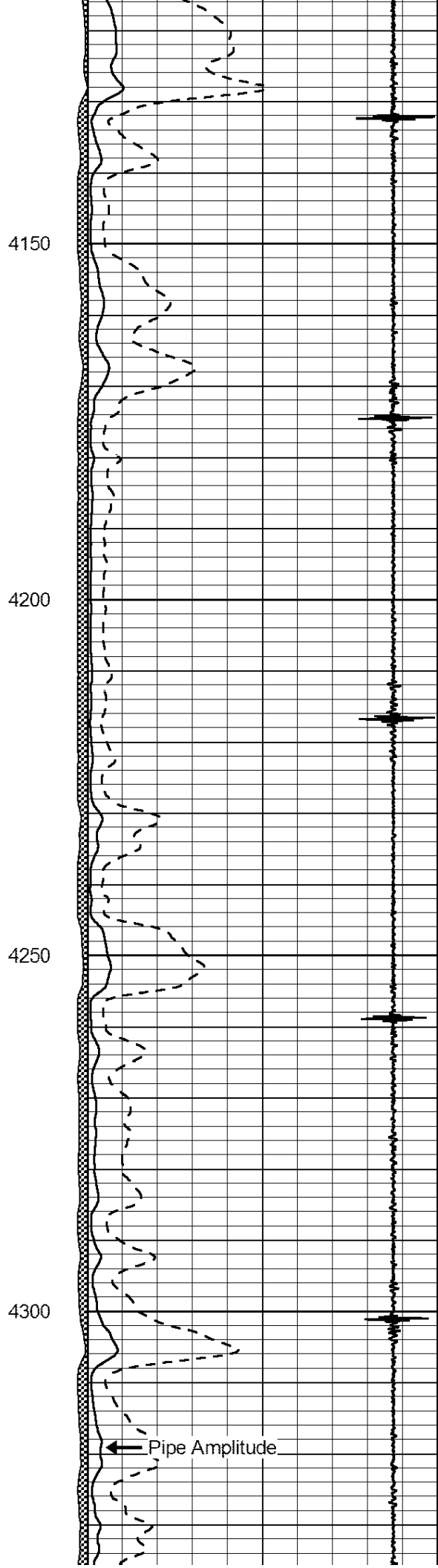
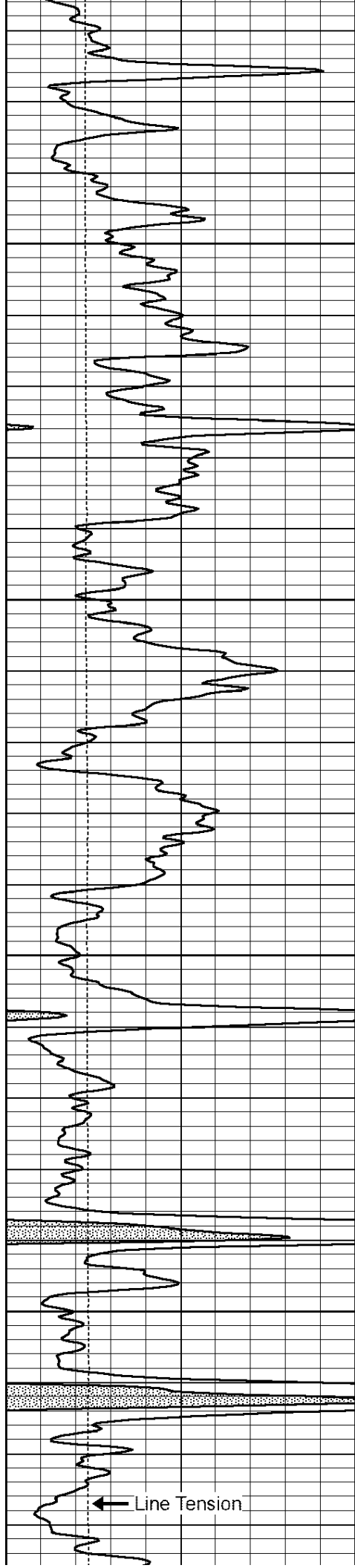
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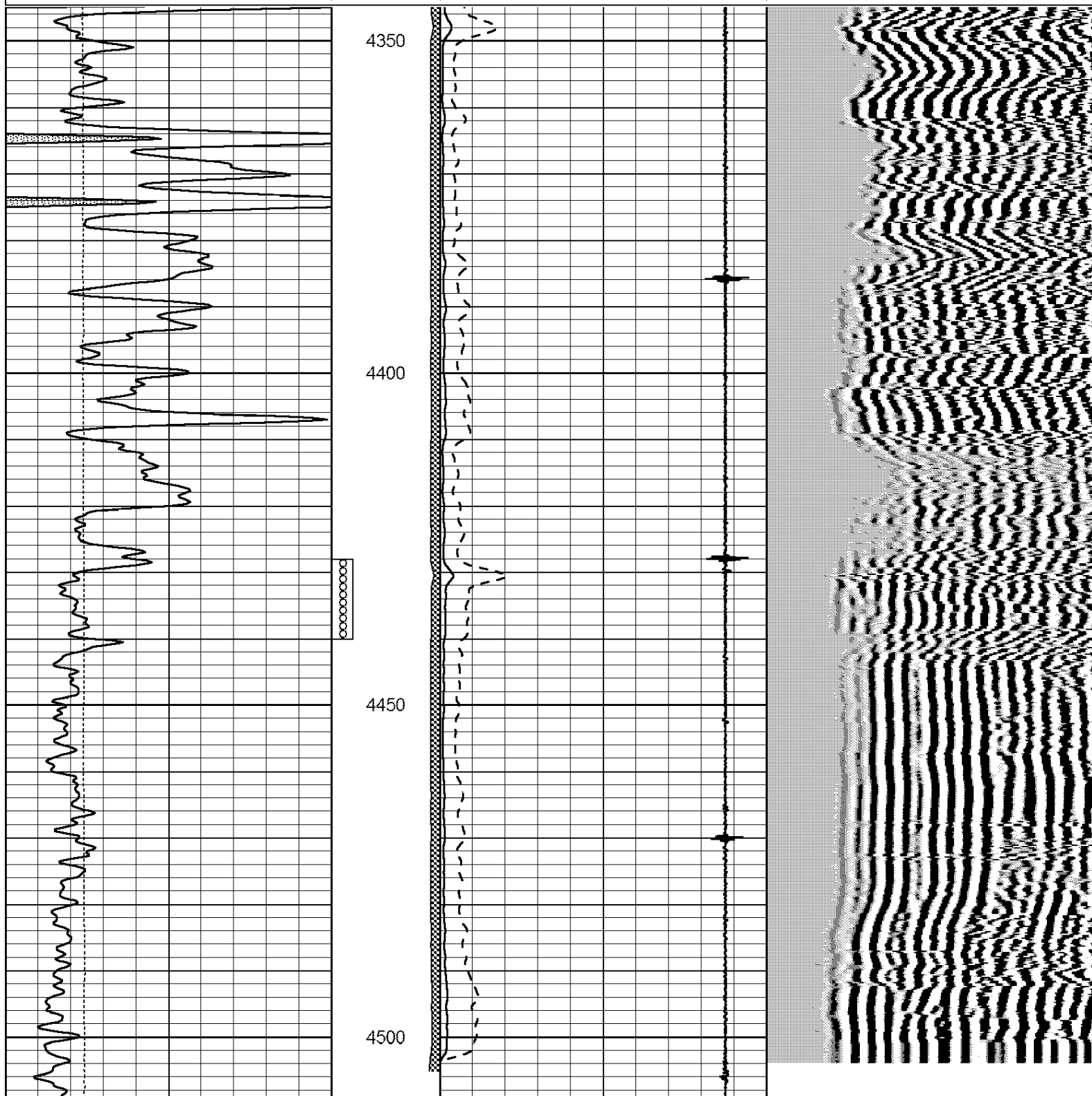






Database File: lario-rose4-14.db
 Dataset Pathname: grcbl/run1/pass2
 Presentation Format: cbldig
 Dataset Creation: Wed Feb 01 08:14:50 2012 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150	AMP3	0	Amplitude (mV)	100	200	Variable Density	1200
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