



Sonic Cement Bond Log

API No.		Company Atlas Operating, LLC	
15-077-21785-00-00		Well Sanders-Schmisser No.6	
Field Spivey-Grabs-Basil		County Harper State Kansas	
Location 340' FNL & 1050' FEL		Other Services Perforate	
Sec: 28 Twp: 31S Rge: 8W			
Permanent Datum	Ground Level	Elevation 1567	K.B. 1577 D.F. 1575 G.L. 1567
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
Run Number	One		
Date Survey	4/11/2012		
Date Cementing	4/4/2012		
Type Cementing Operation	Primary		
Depth Driller	5020		
Depth Logger	4915		
Logged Interval	4913 to 2450		
Casing Driller	4.5 @ TD		
Float Collar -- D.V. Tool	////		
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	2630		
Calculated Cement Top	////		
Max. Hole Temperature	125		
Tool No.	DBT2-2		
Spacing Recorded	3-5		
Equipment -- Location	5 Pratt		
Recorded By	S. Chesney		
Witnessed By	Bob Younce		

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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.

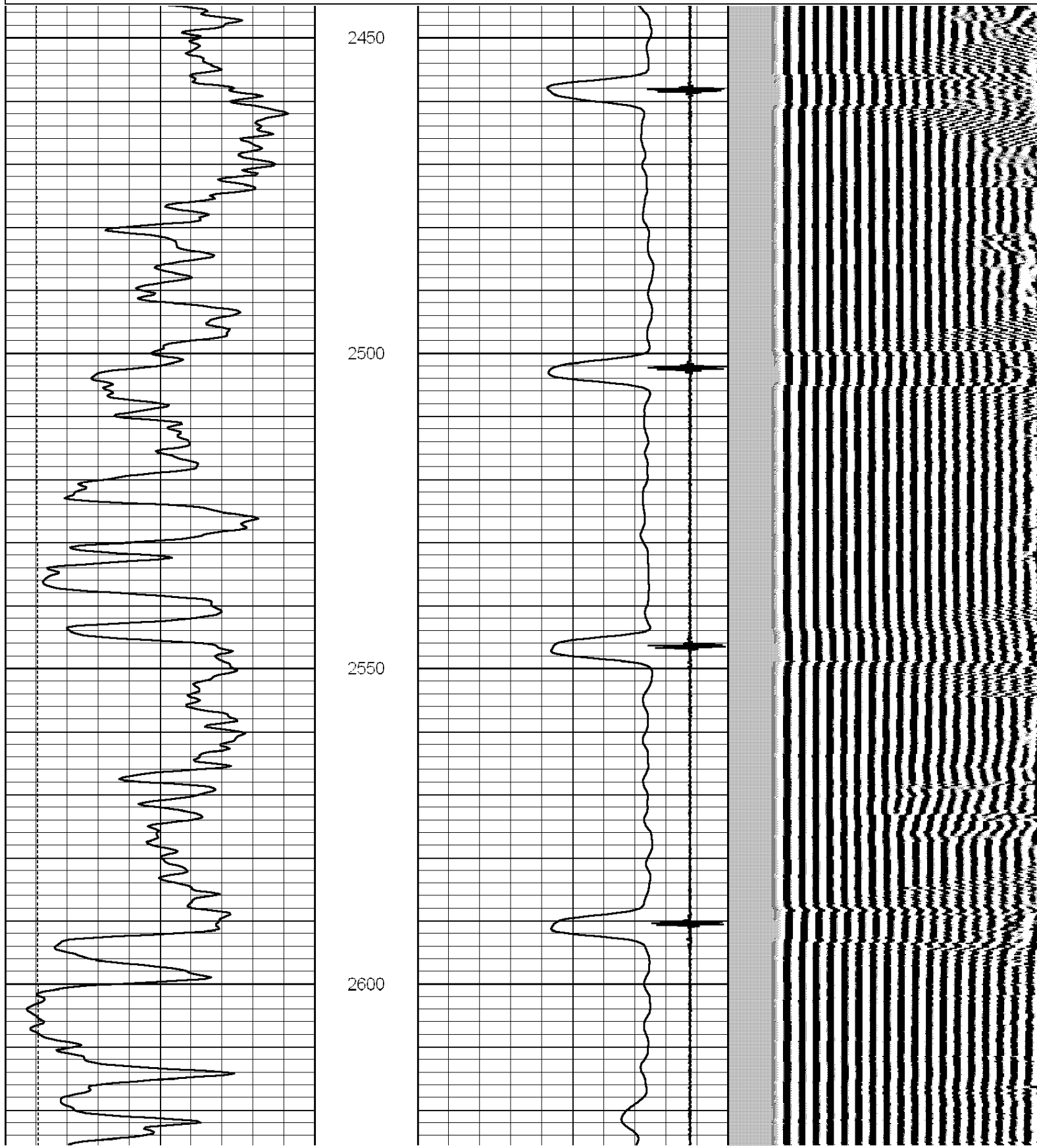
Comments

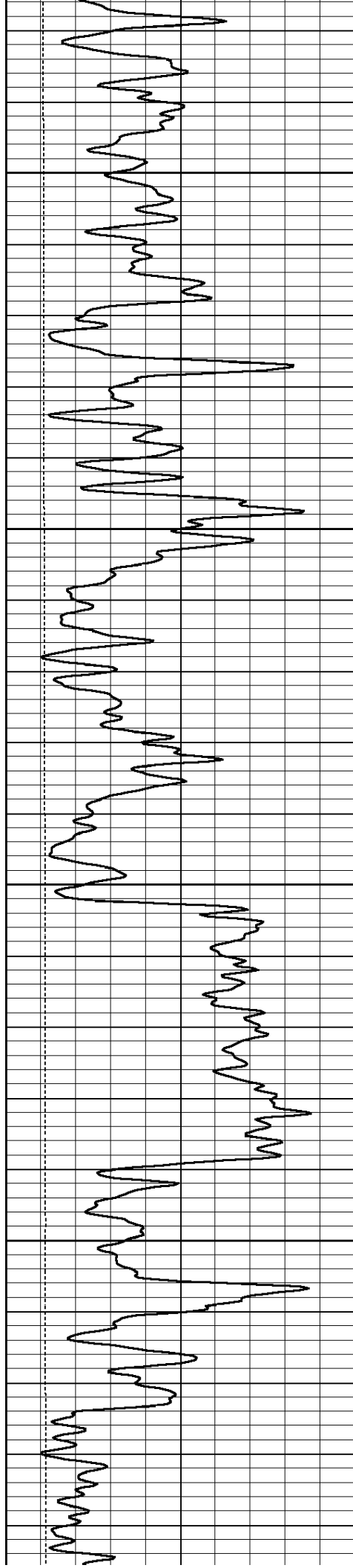
Thank you for using Log-Tech, Inc.
(620) 672-8300

Zenda, S to Mag Plant, 2S, 2E, 1S,
W into

Database File: atlas-sanders-shmisser.db
Dataset Pathname: grcbl/pass3
Presentation Format: cbldig
Dataset Creation: Wed Apr 11 09:35:24 2012 by Calc SCH 110630
Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	150	AMP3	0	Amplitude (mV)	100	200	Variable Density	1200
0	Line Tension (lb)	5000	(mV)	0	Amplified Amplitude (mV)	10			
			-100 10	36	Collar Locator	-5			



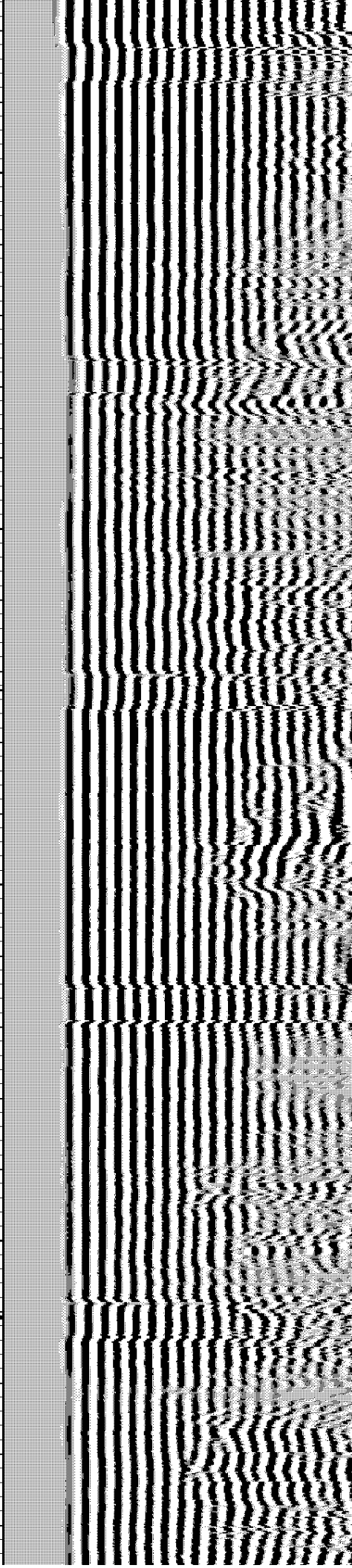
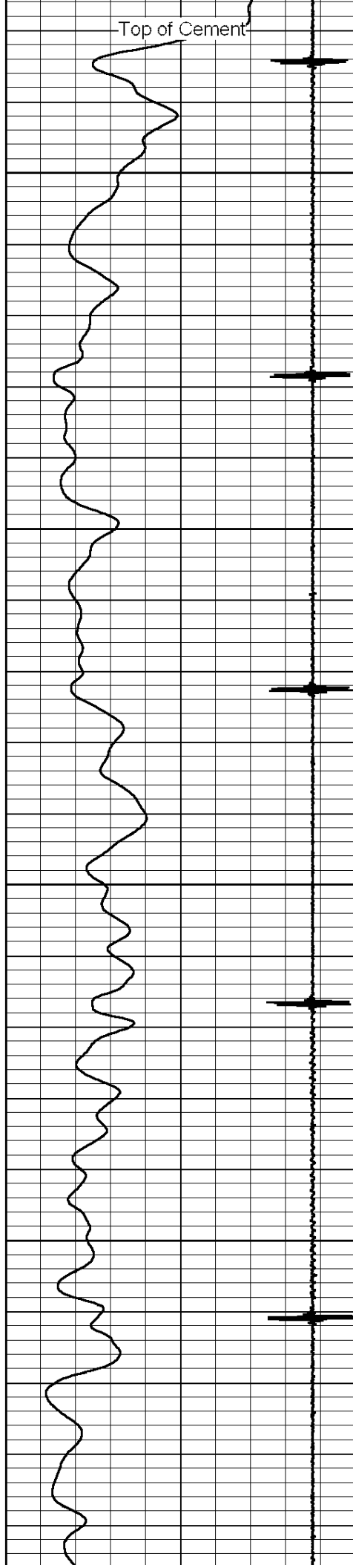


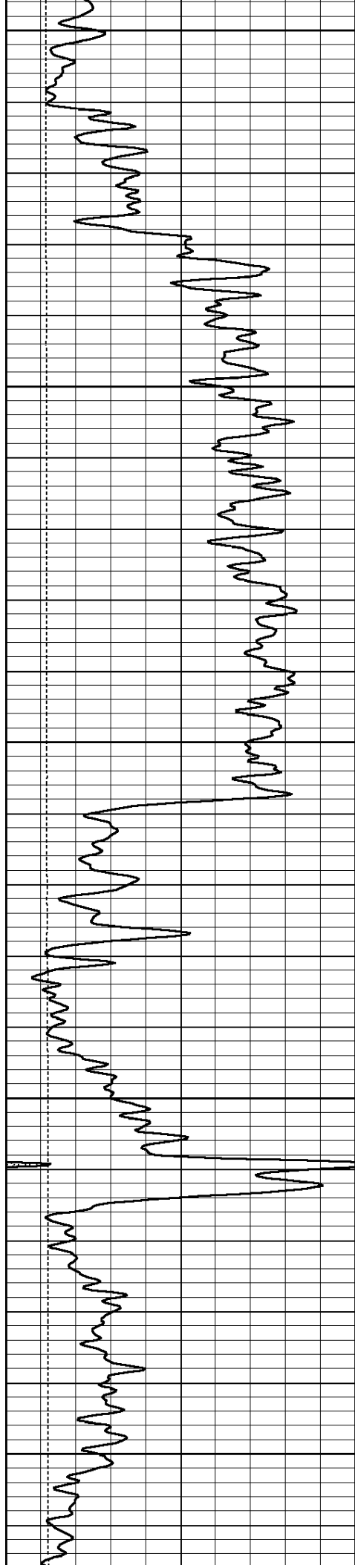
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2700

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2800





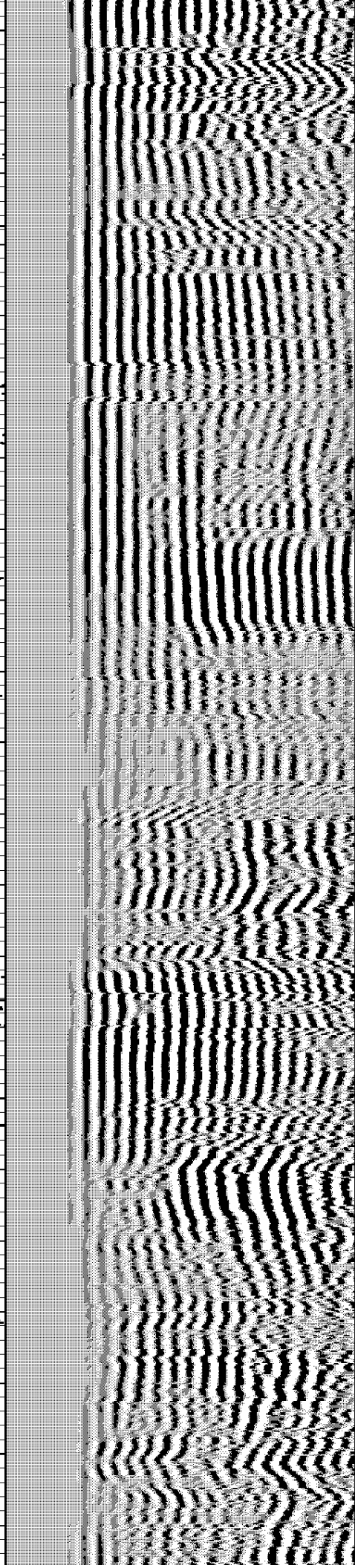
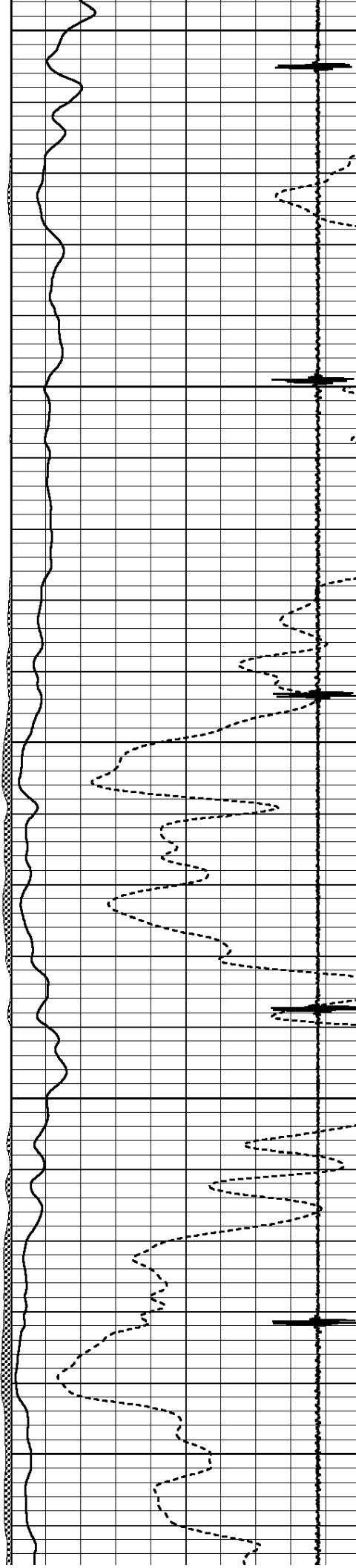
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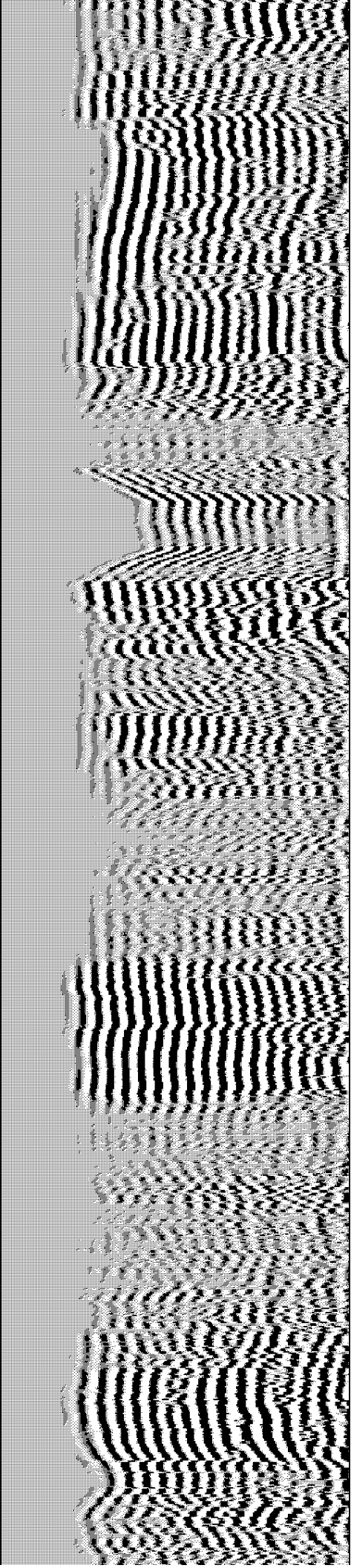
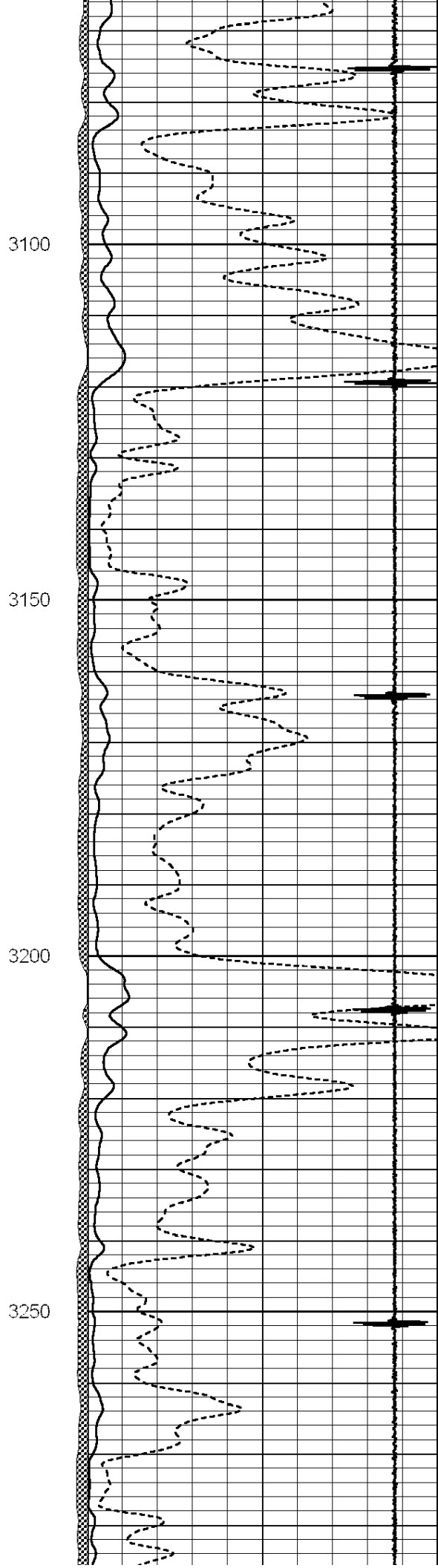
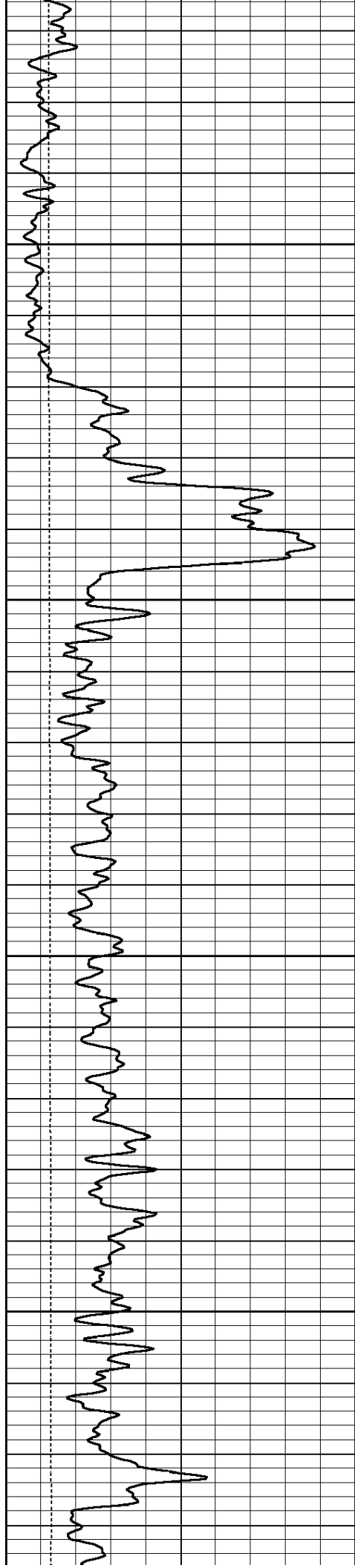
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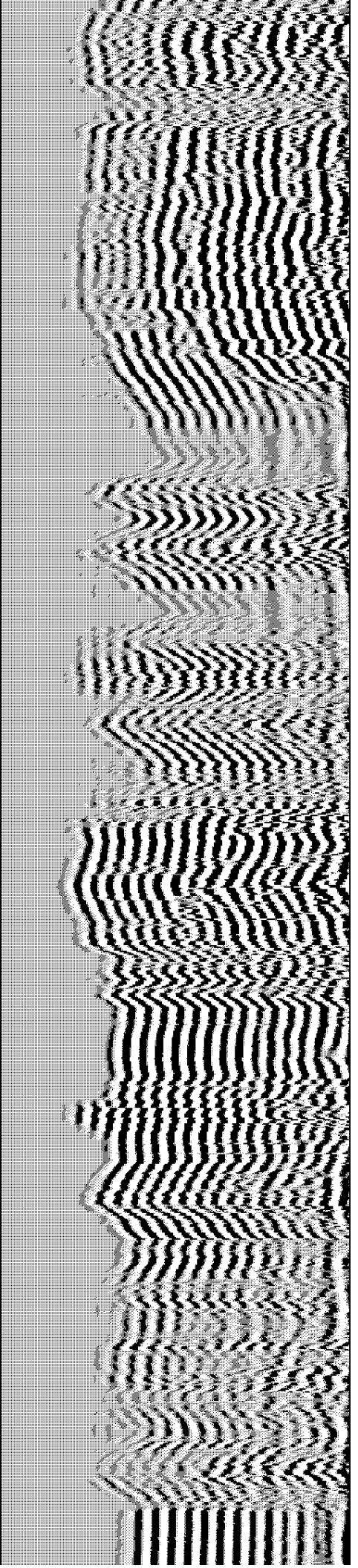
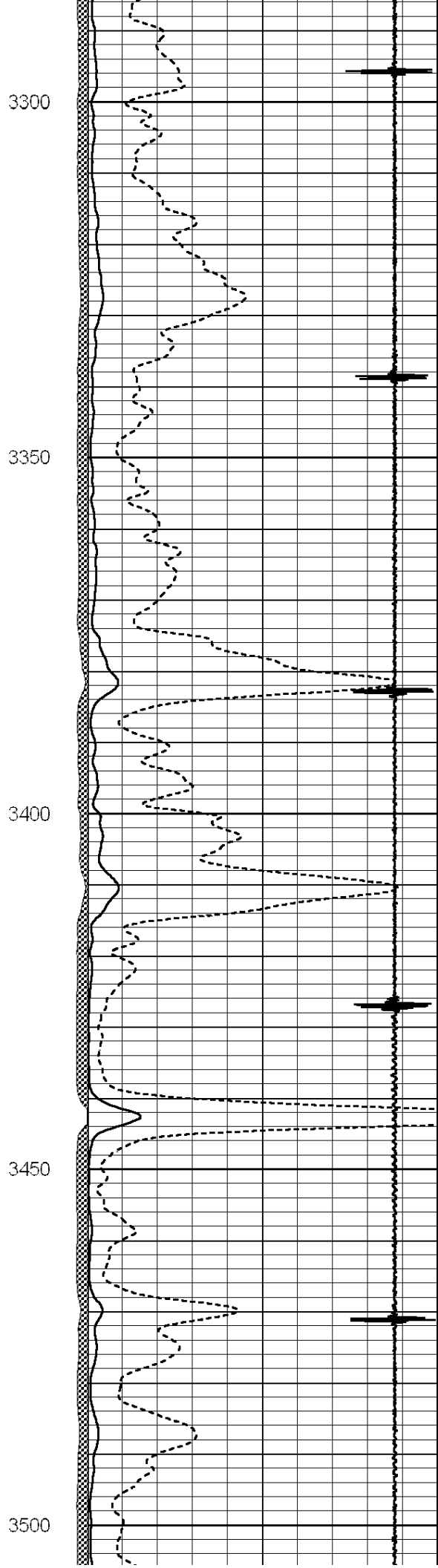
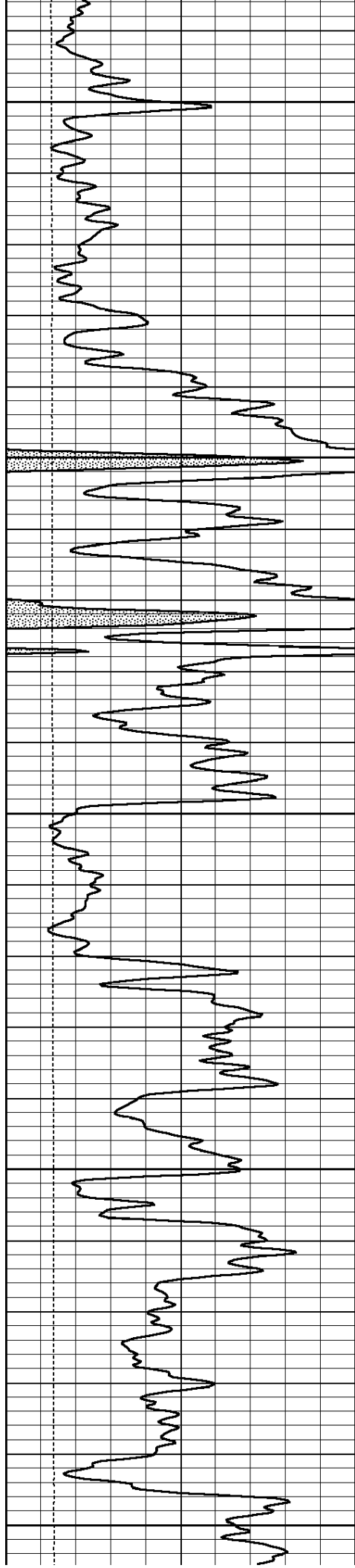
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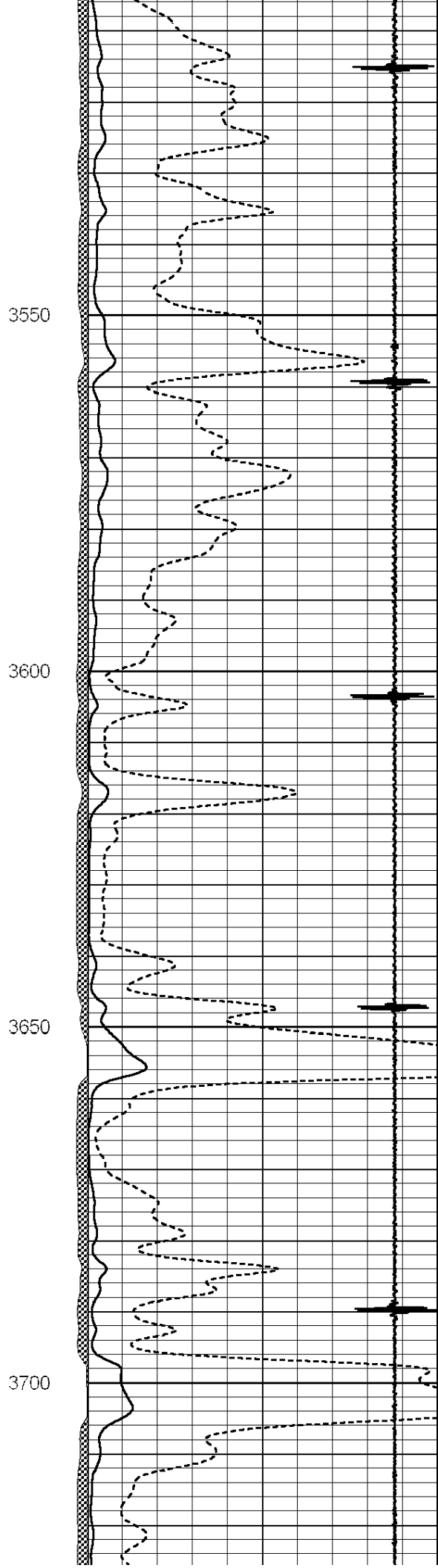
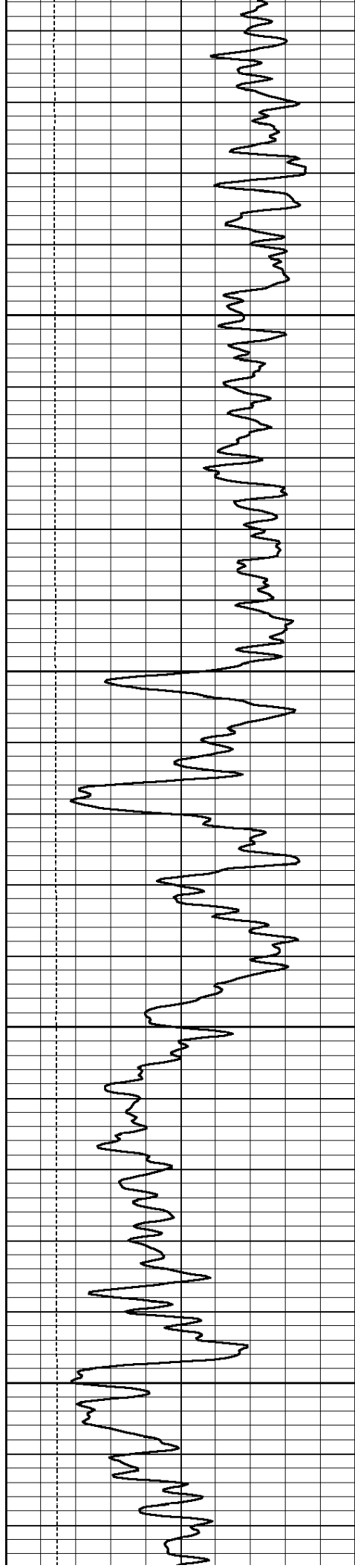
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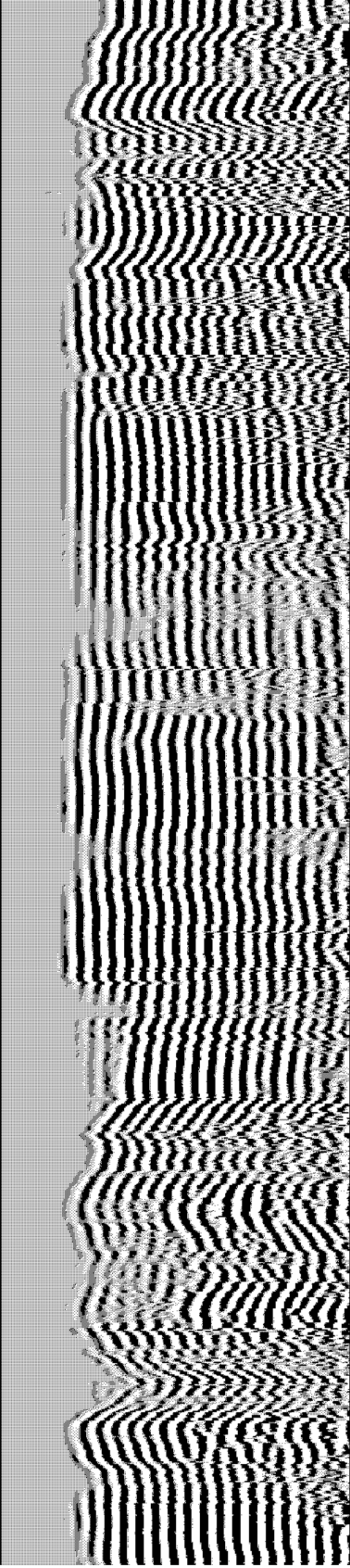
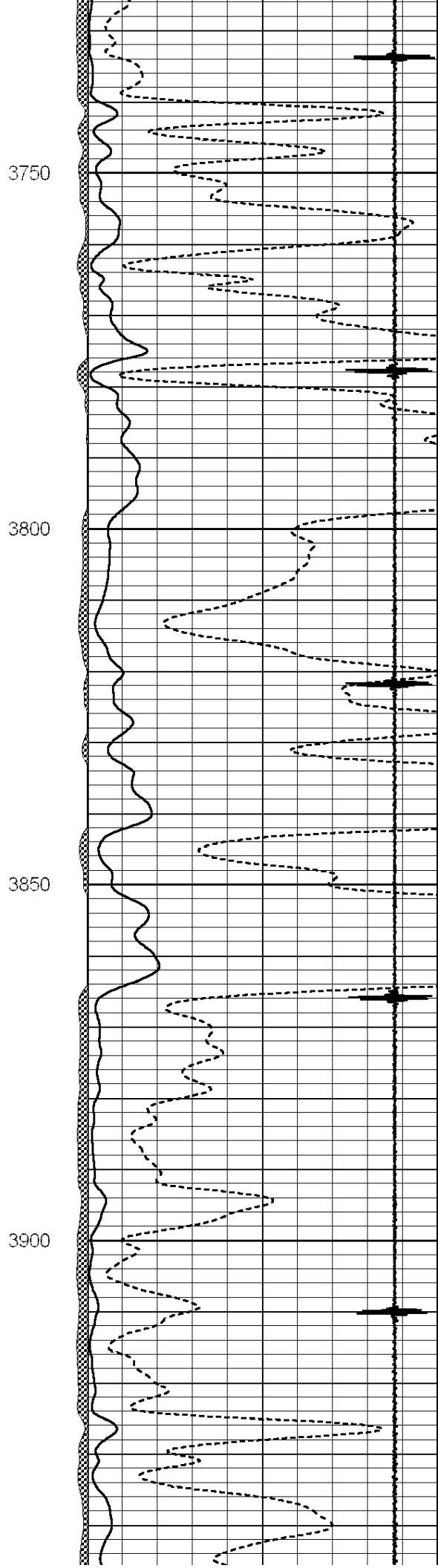
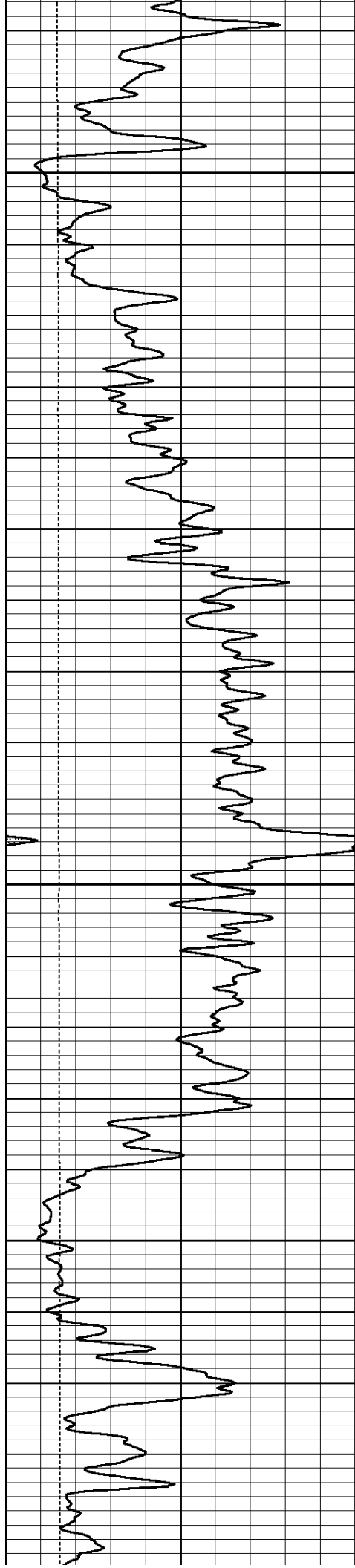
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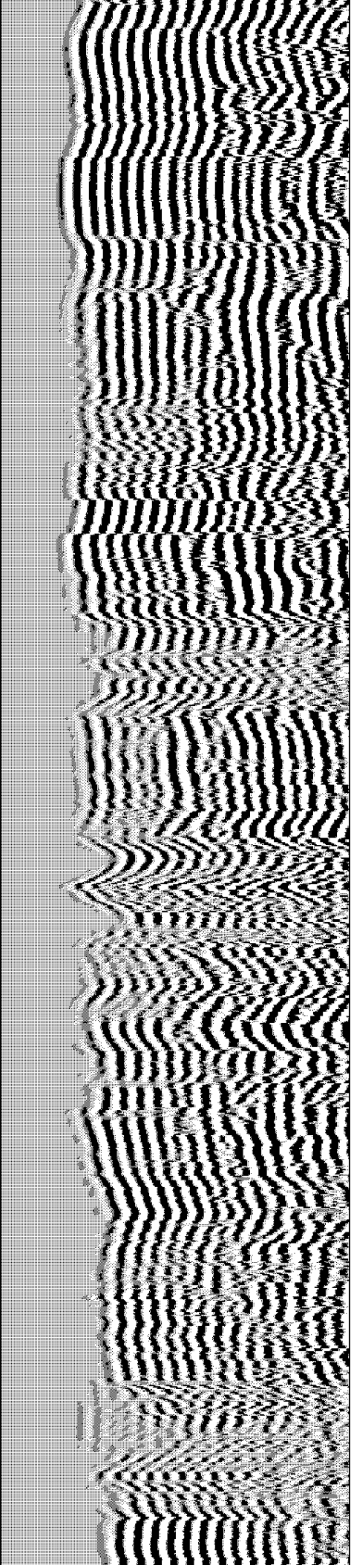
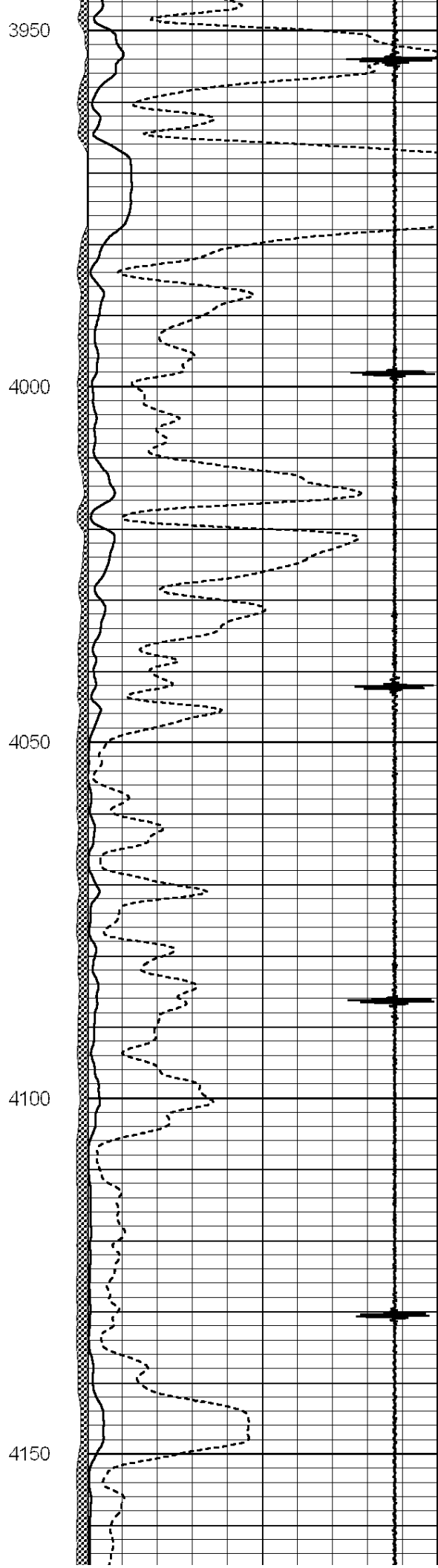
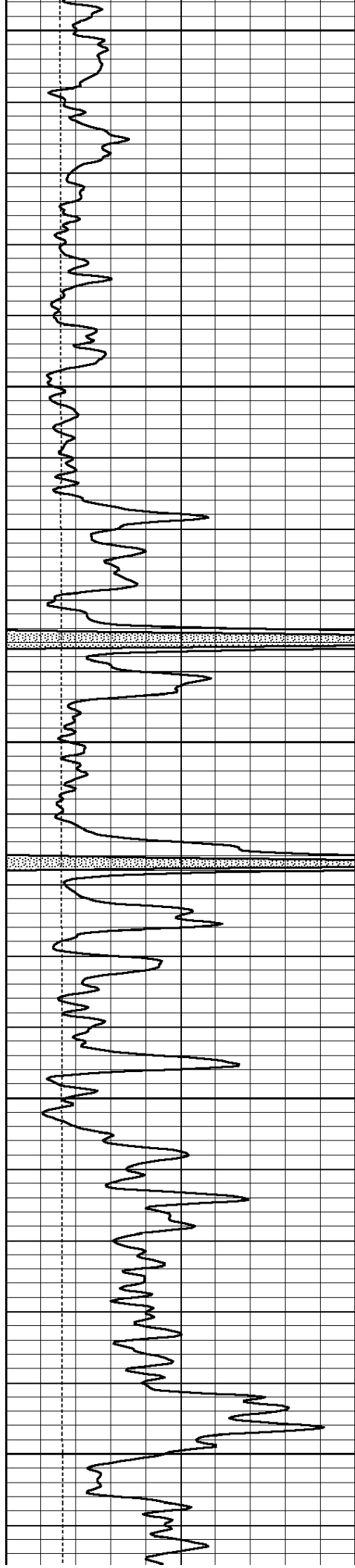


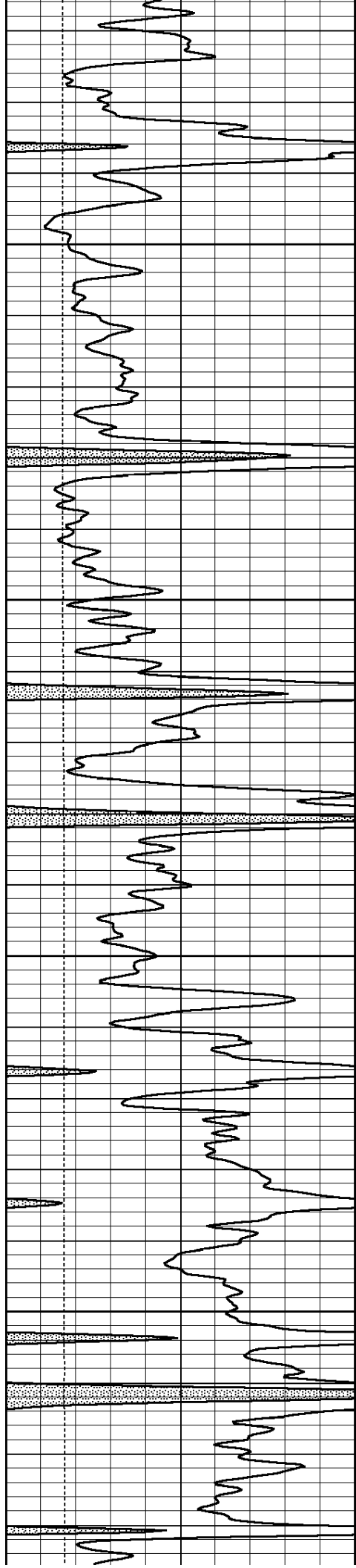










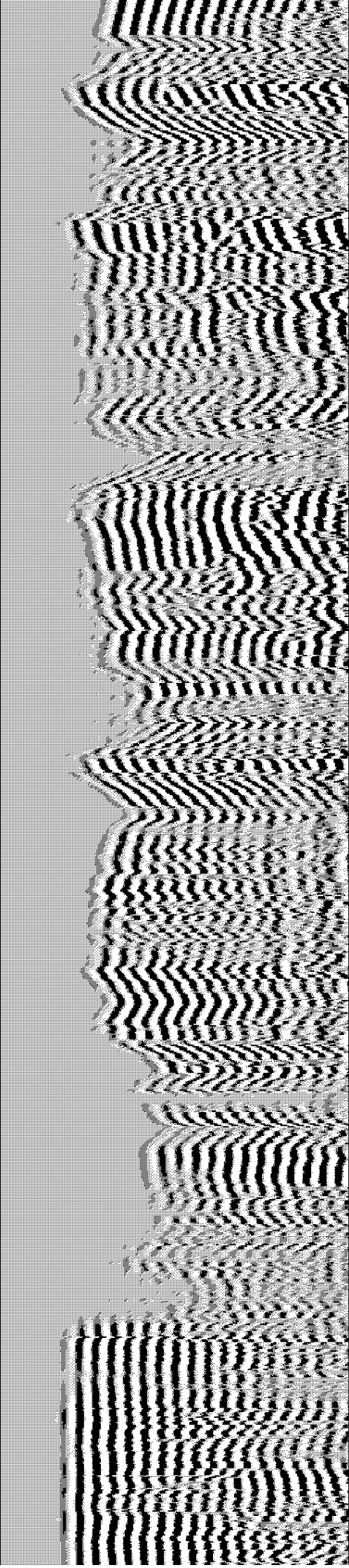
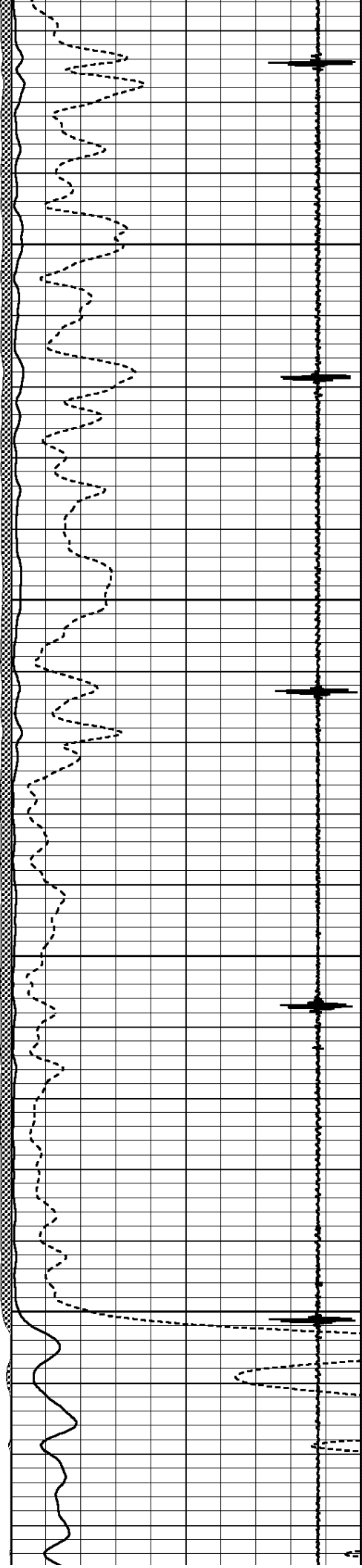


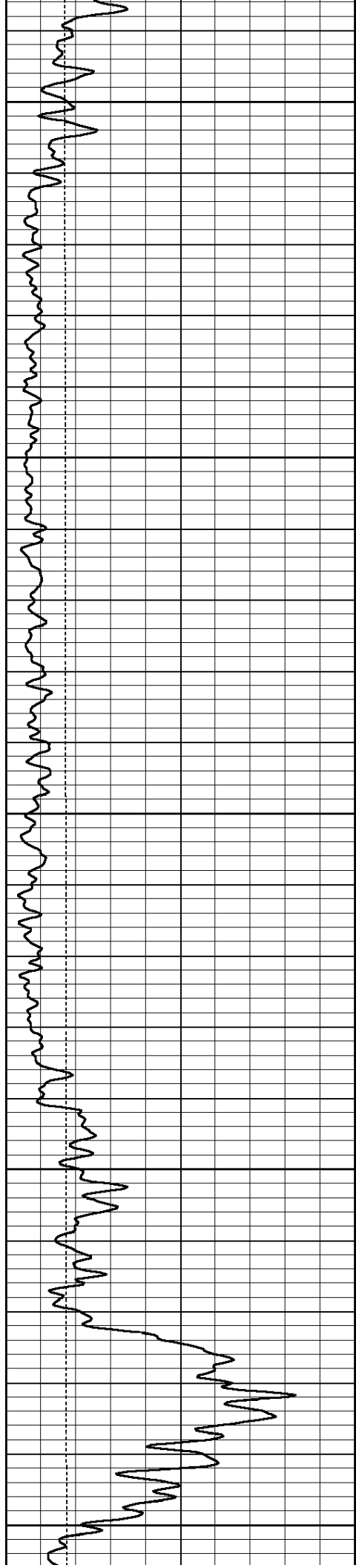
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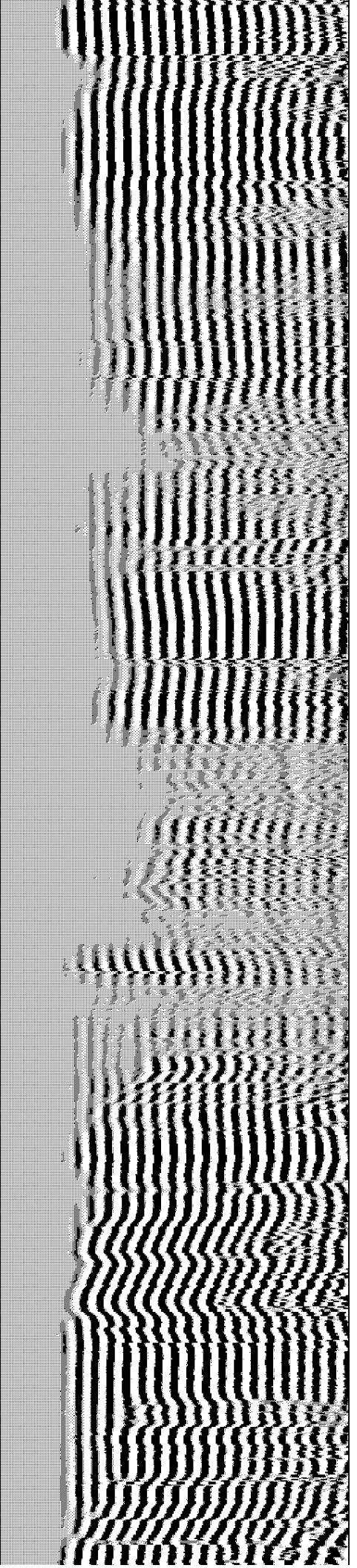
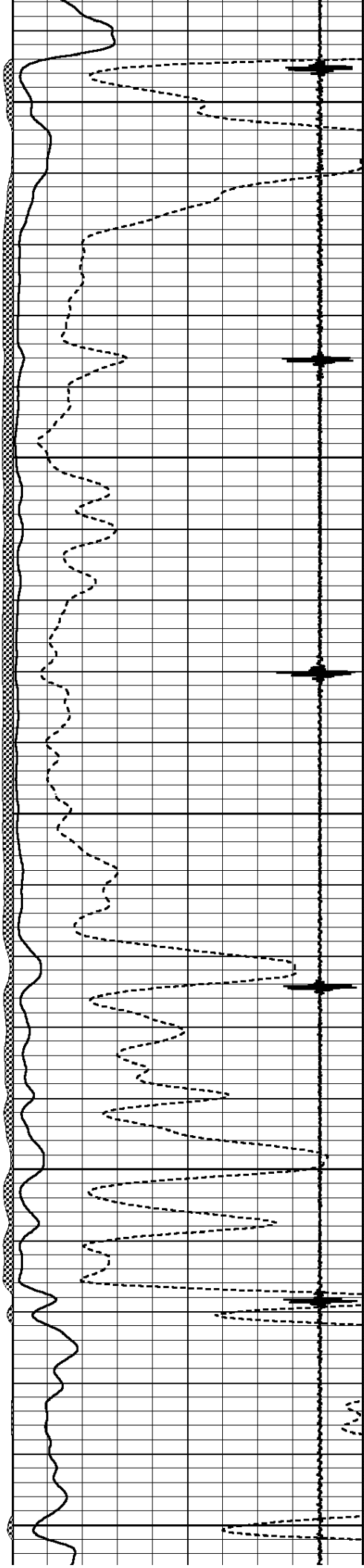
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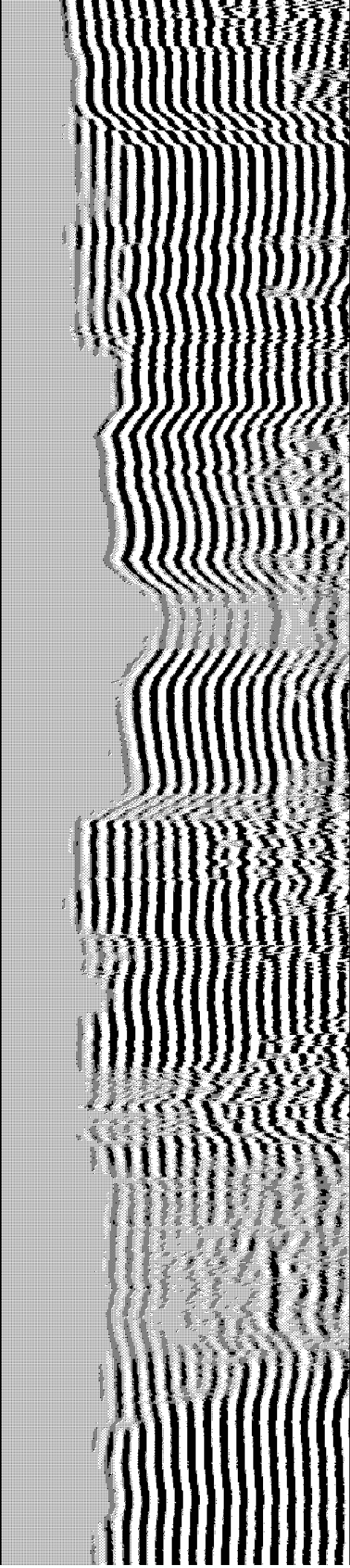
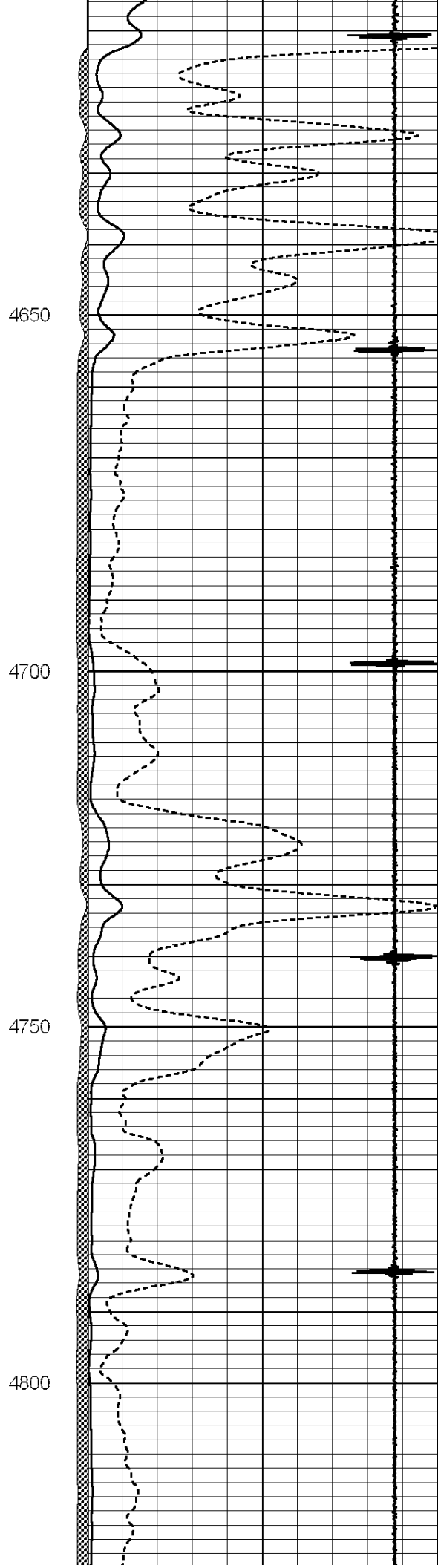
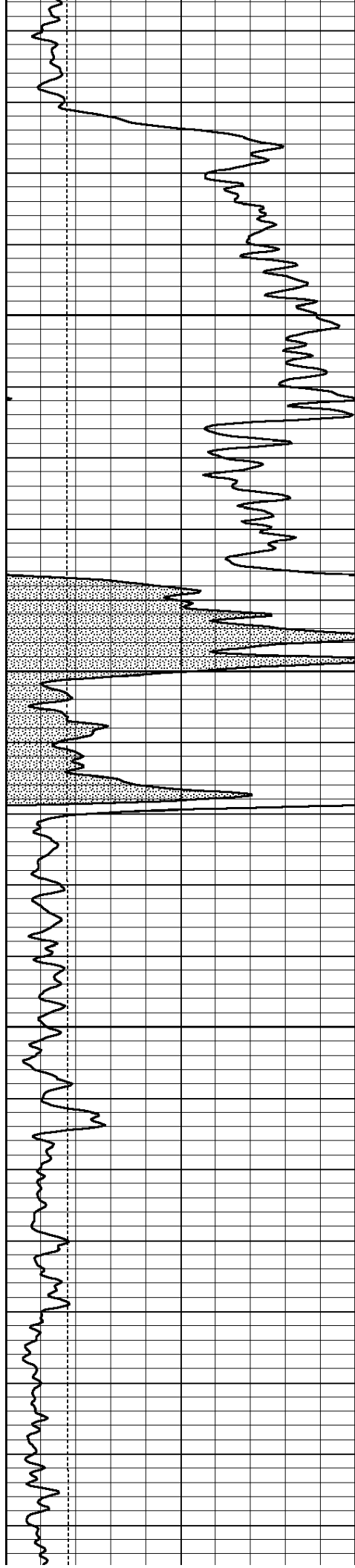
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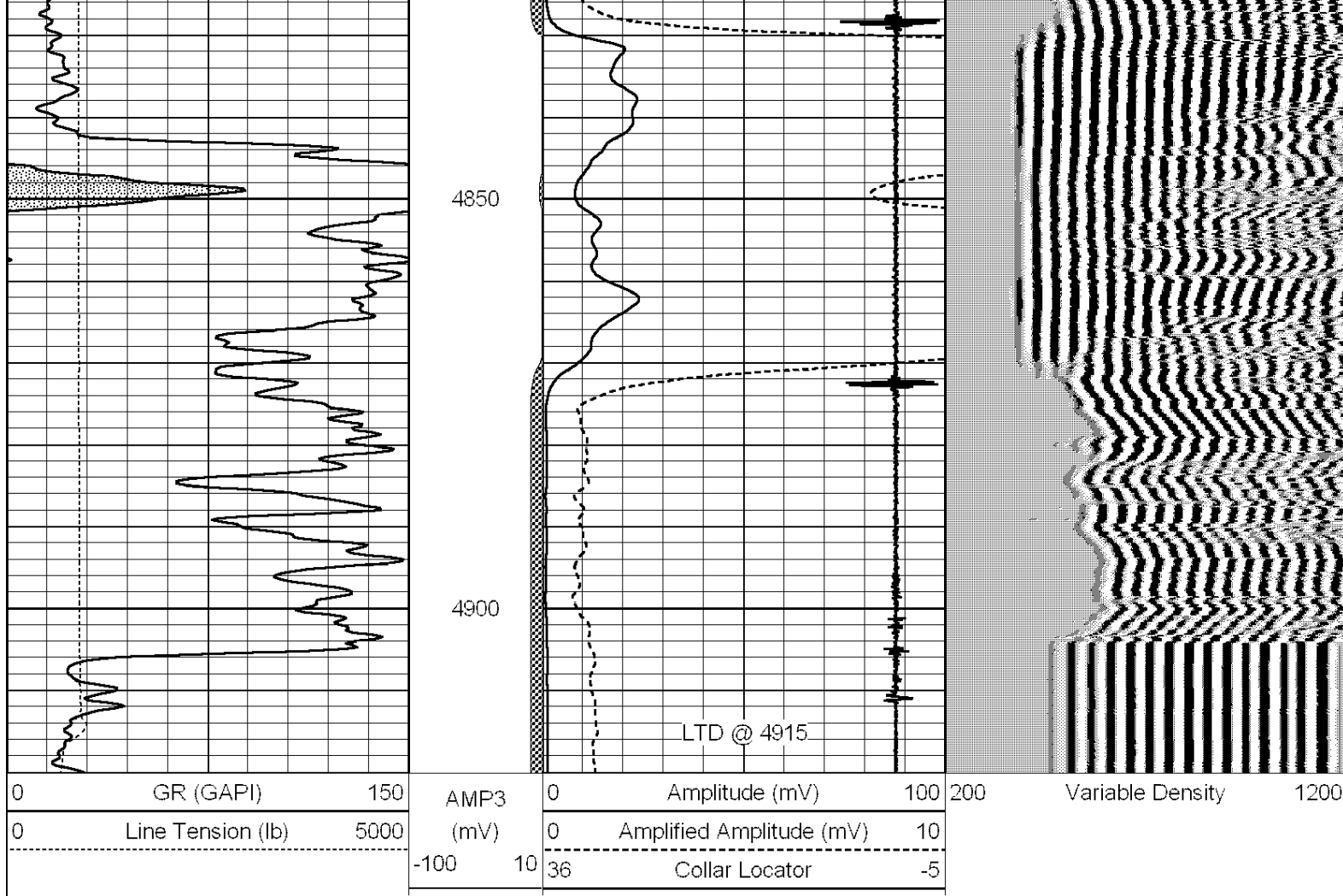
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LOG-TECH

Repeat Section

Database File: atlas-sanders-shmisser.db
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 Presentation Format: cbl dig
 Dataset Creation: Wed Apr 11 08:44:47 2012 by Log SCH 110630
 Charted by: Depth in Feet scaled 1:240

