



Sonic Cement Bond Log

Pioneer Energy Services

API No.

15-035-24593

Company Taos Resources Operating
Well Well 16-1
Field Tisdale Gas Area
County Cowley State Kansas

Location 2310' FNL & 2475' FEL
W 2 SW SW NE
Sec: 16 Twp: 33S Rge: 5E

Other Services
Crane

Permanent Datum Ground Level Elevation 1307
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 1317
D.F. 1316
G.L. 1307

Run Number	One	
Date Survey	10/1/2014	
Date Cementing	9/17/2014	
Type Cementing Operation	Primary	
Depth Driller	3720	
Depth Logger	3674	
Logged Interval	3674 to 1235	
Casing Driller	5.5 @ 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	1480	
Calculated Cement Top	////	
Max. Hole Temperature	124	
Tool No.	DBT 1-5	
Spacing Recorded	3-5	
Equipment -- Location	5 Pratt	
Recorded By	Craig Bates	
Witnessed By	Ray Dorothy	

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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

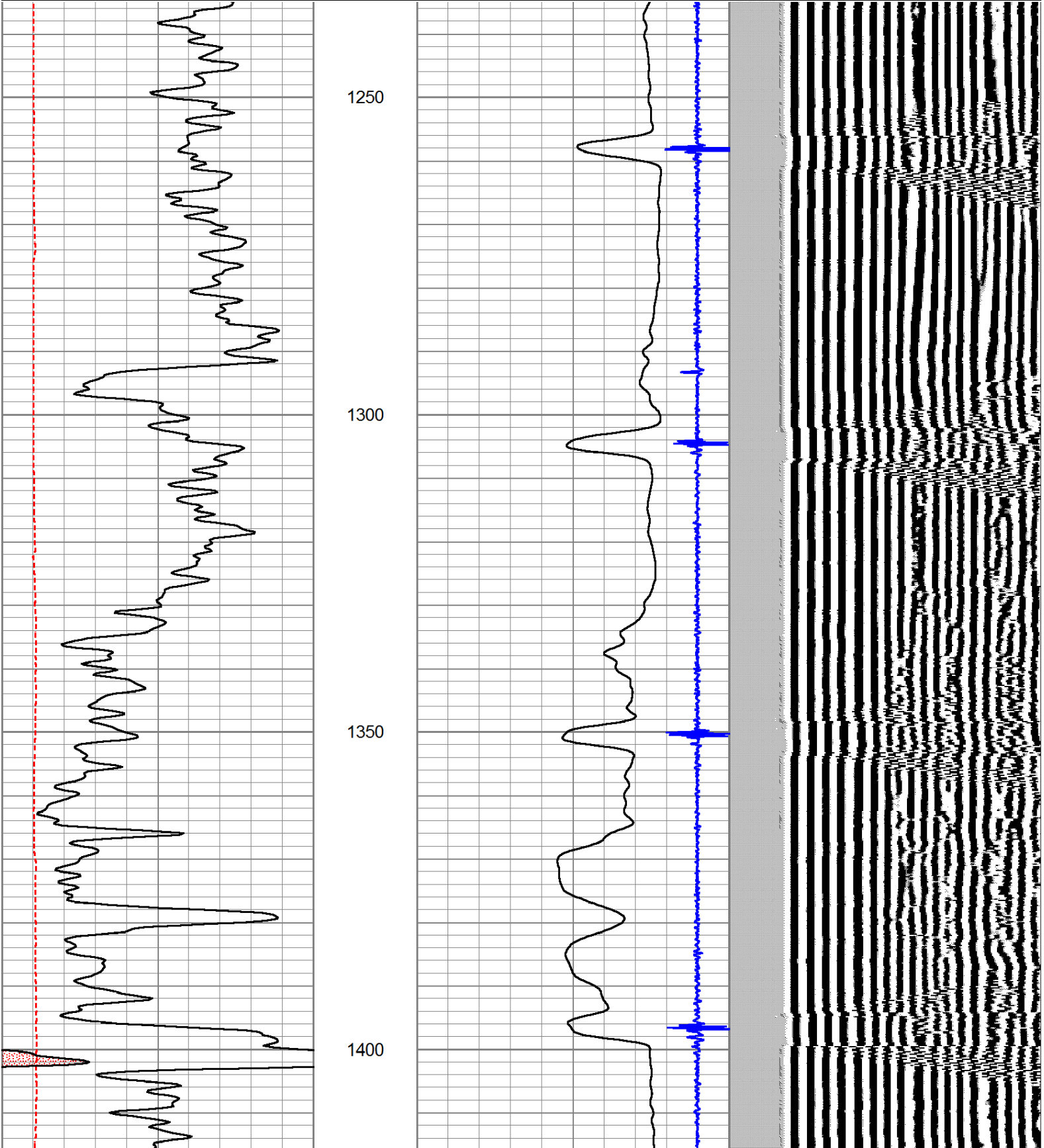
Thank you for using Pioneer Energy Services
(620) 672-8300
Winfield Ks,
E on Hwy 160 to CR 1
4 S to Rd 202
1/2 W S into

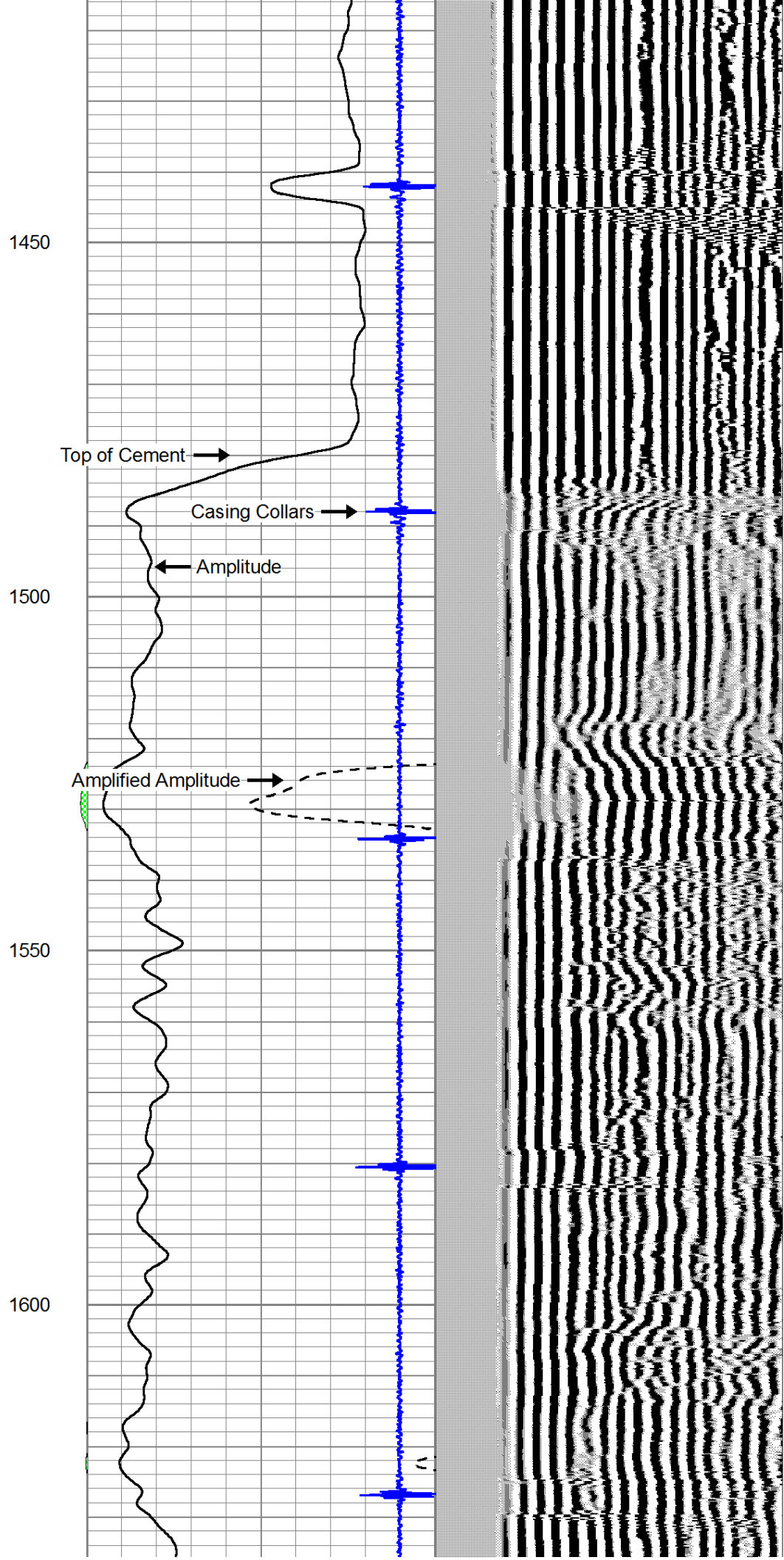
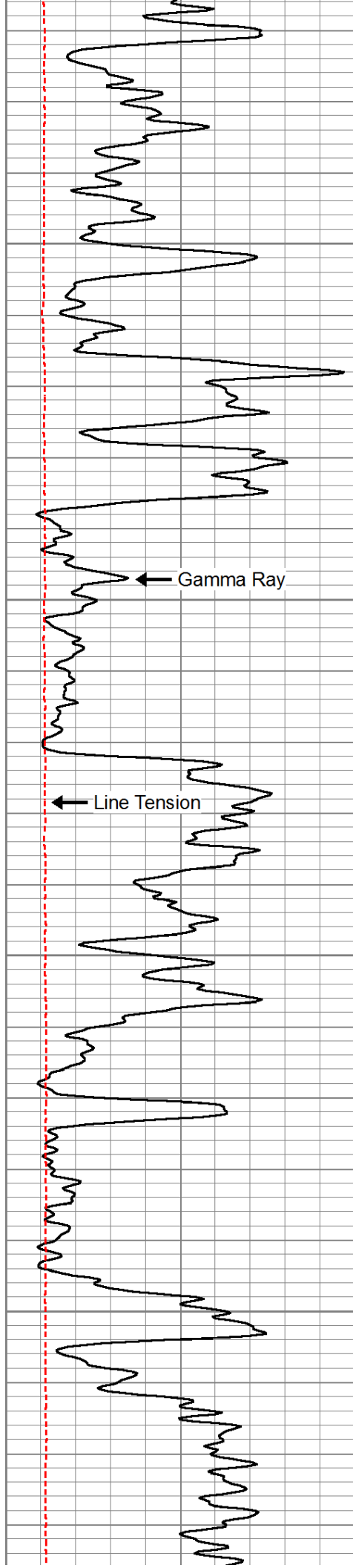


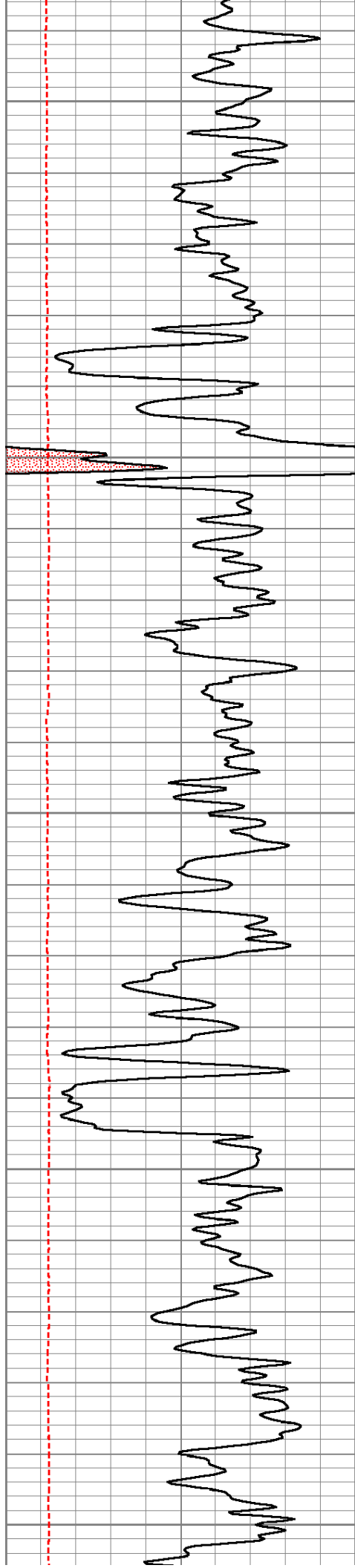
Main Pass

Database File: taos_well-16-1.db
Dataset Pathname: grcbl/pass6
Presentation Format: cbldig
Dataset Creation: Wed Oct 01 08:42:23 2014 by Log 7.0 B1
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	15	Collar Locator	-1.7		







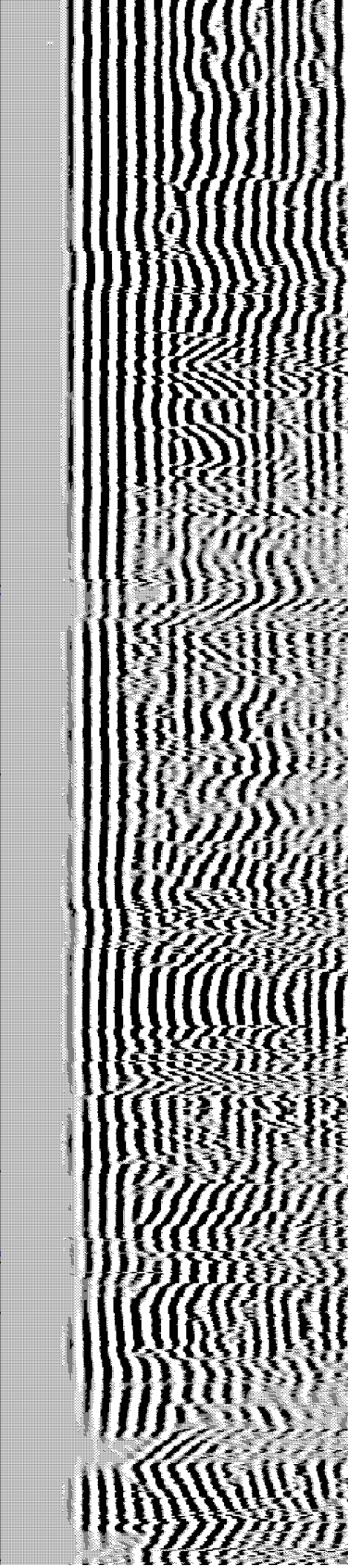
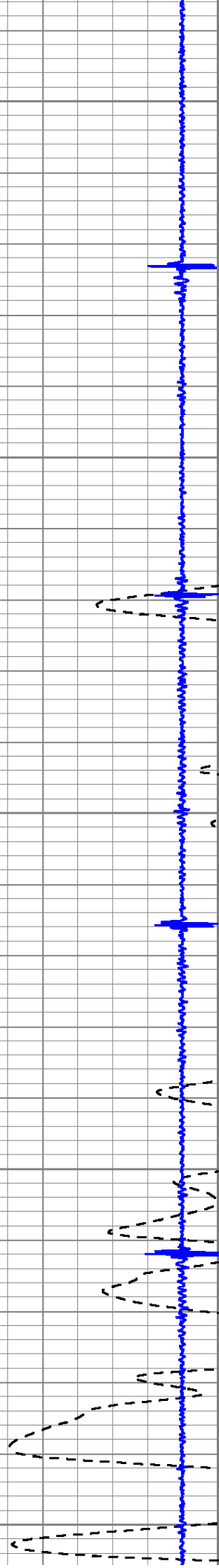
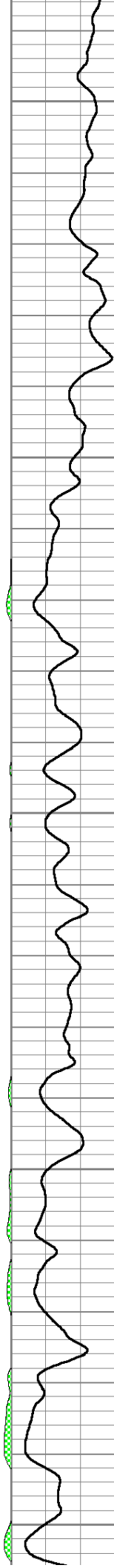
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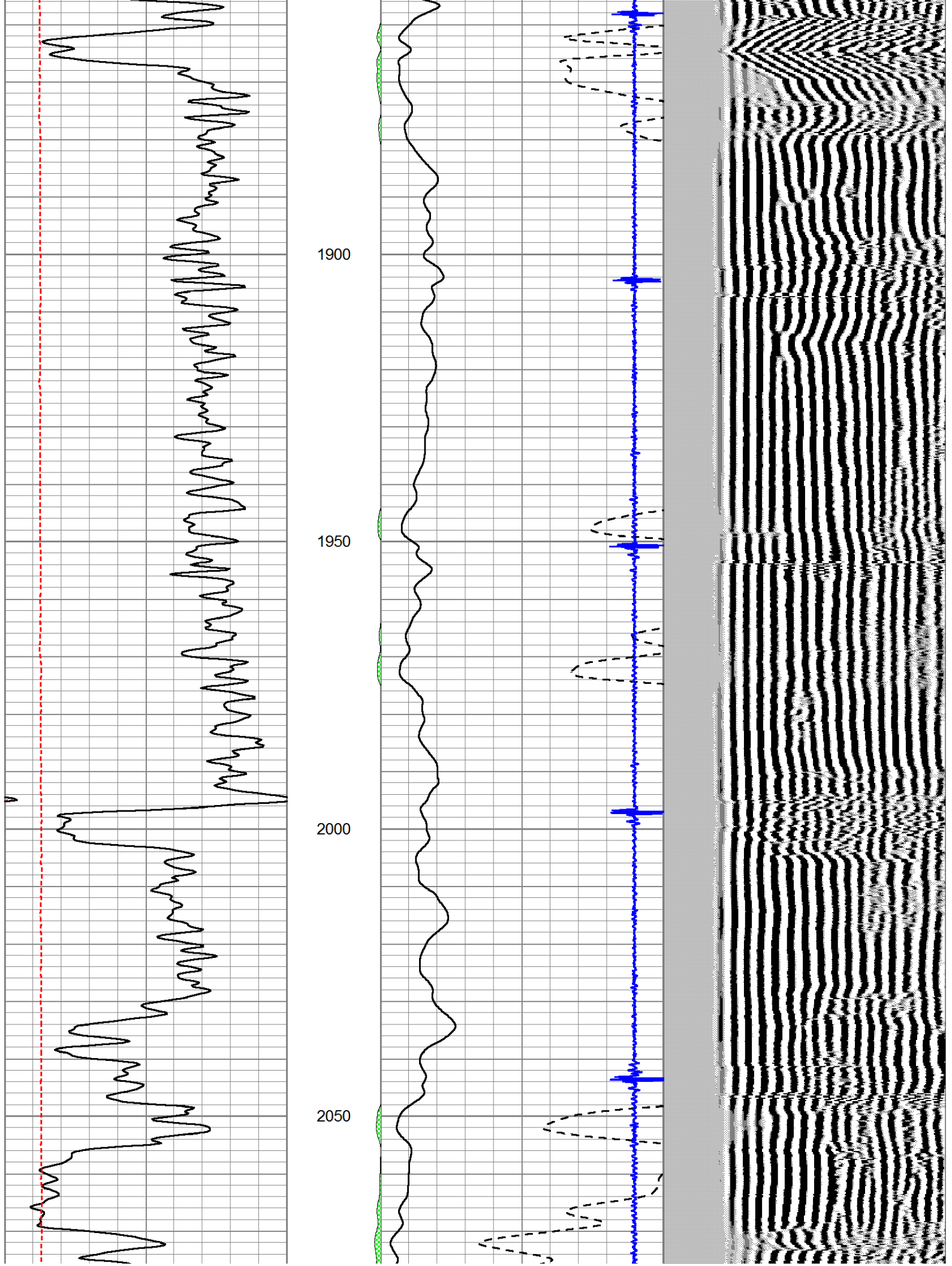
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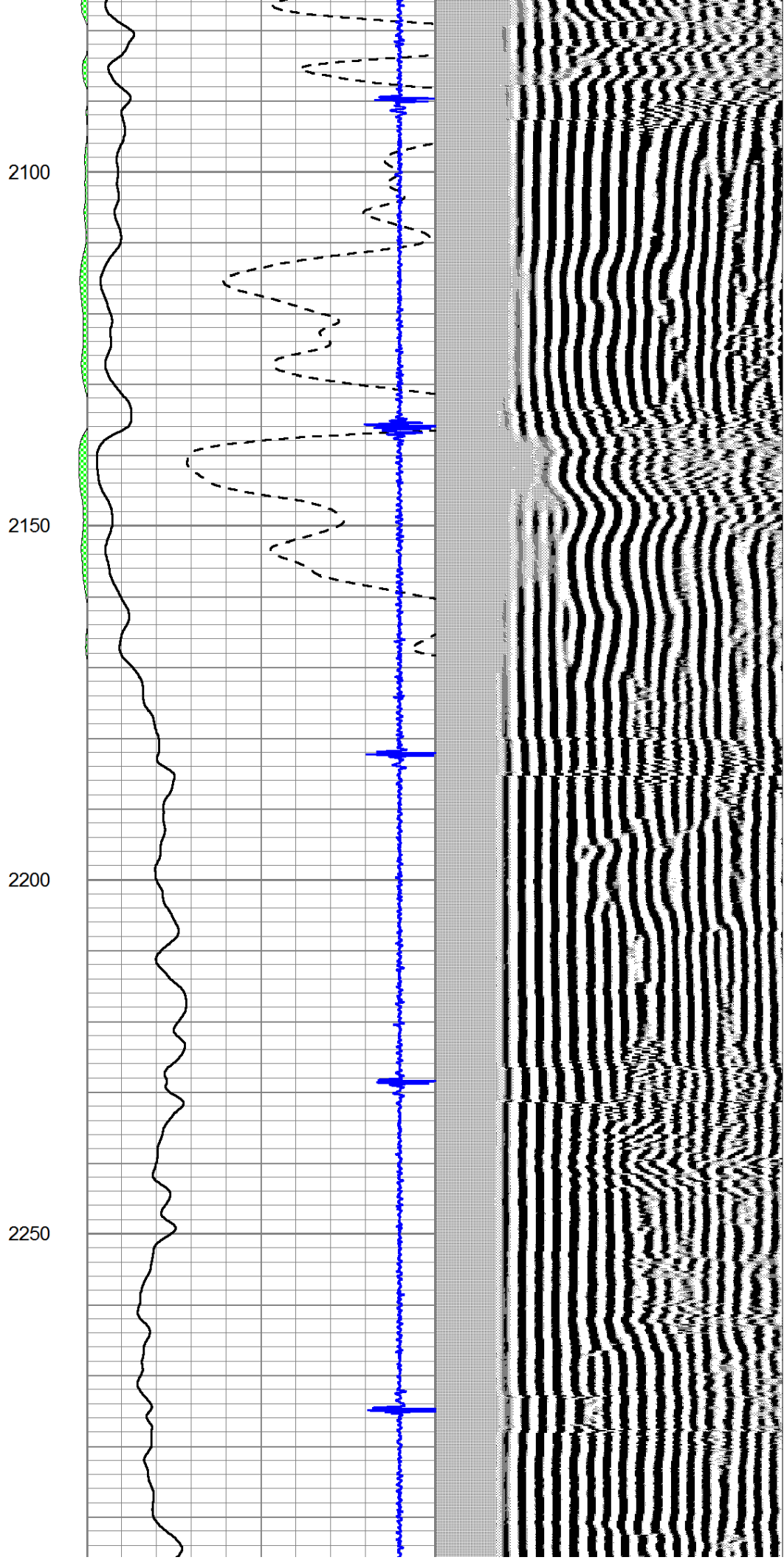
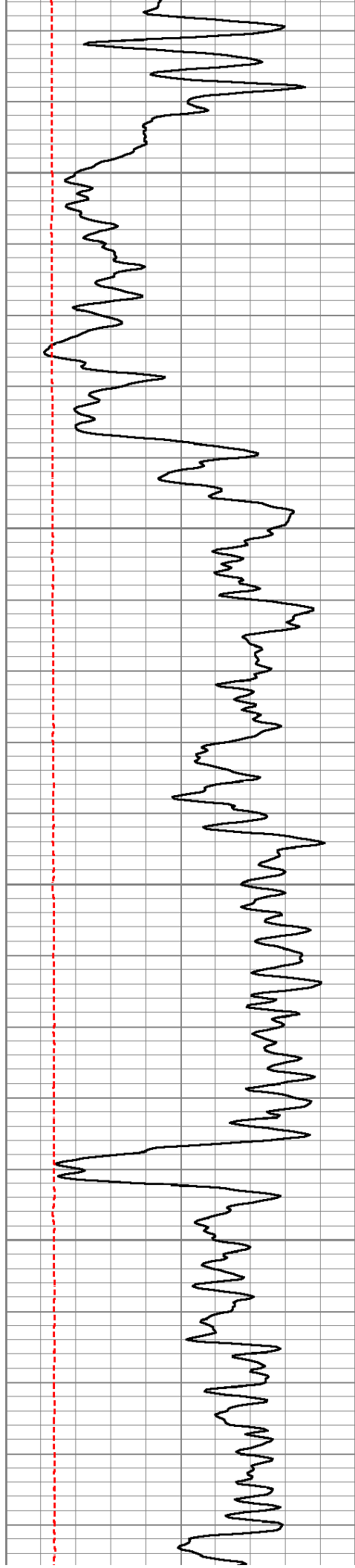
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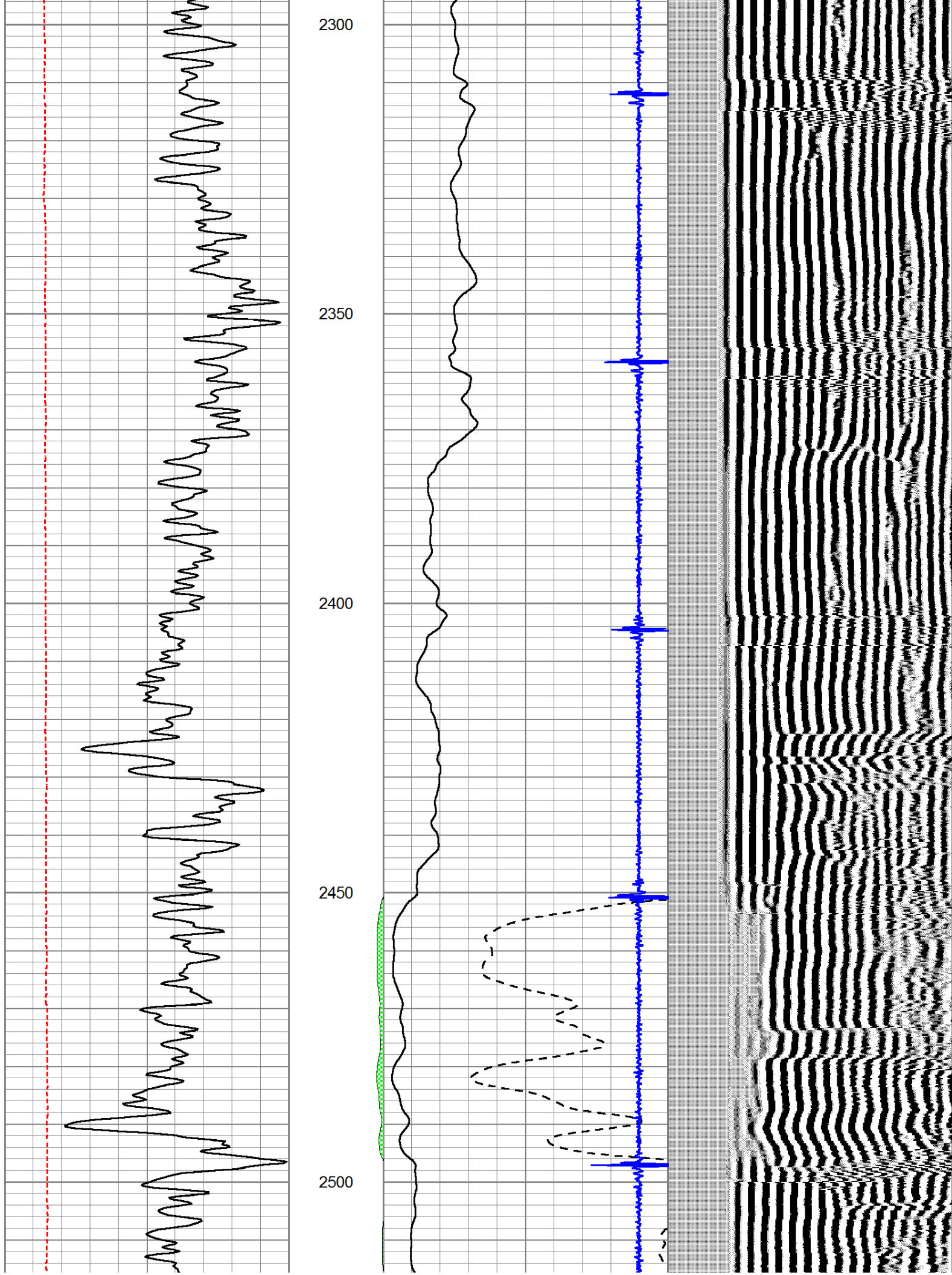
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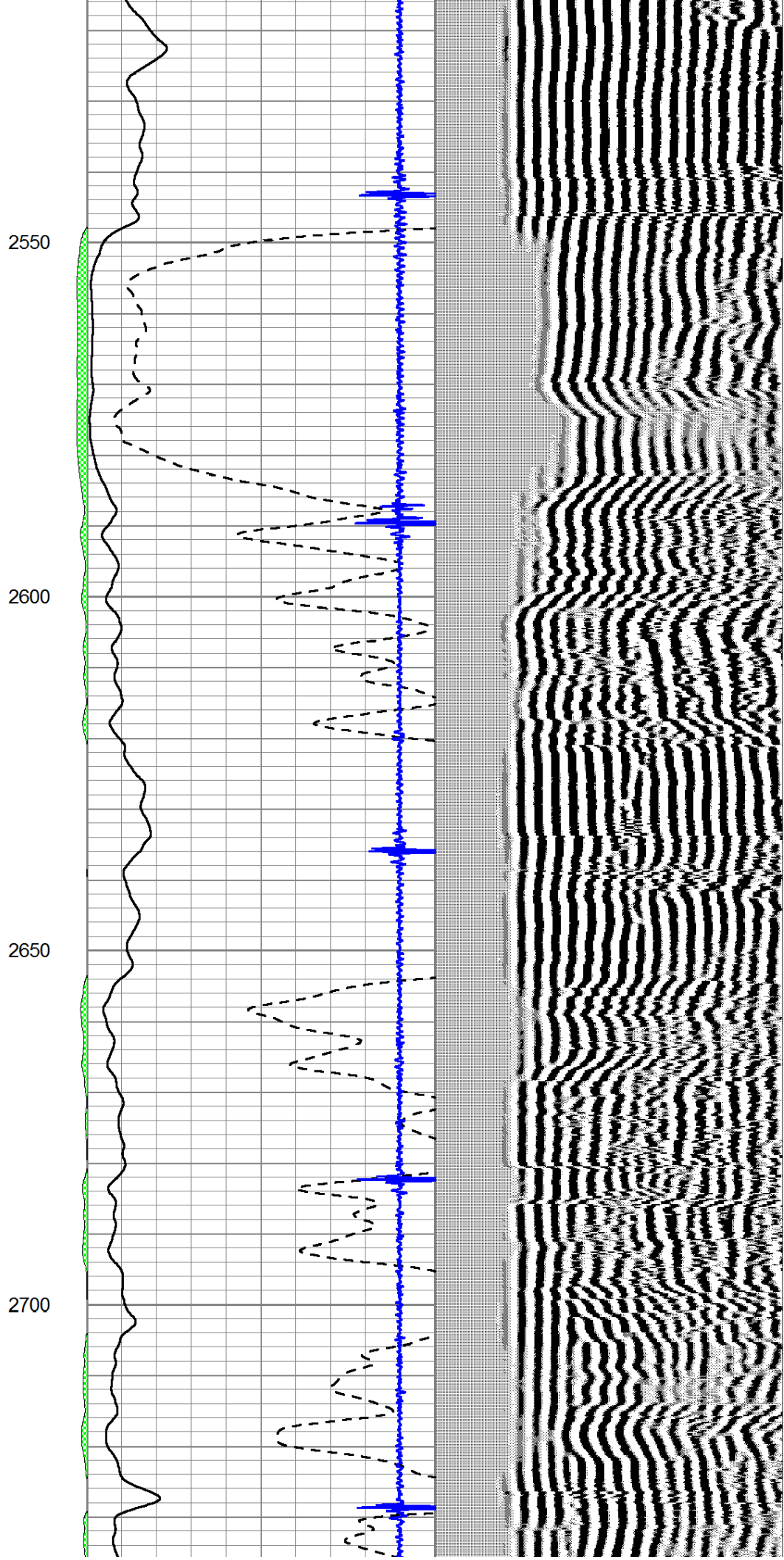
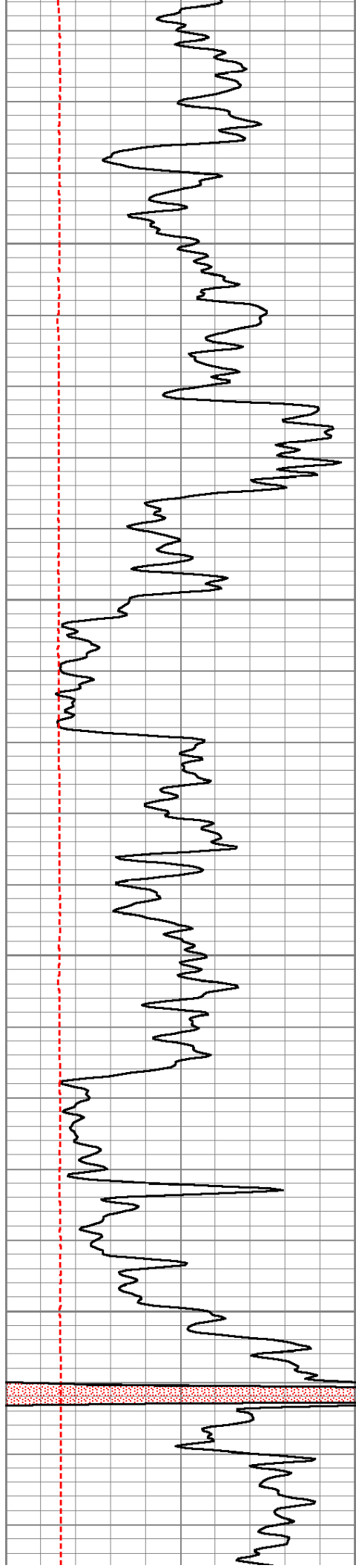
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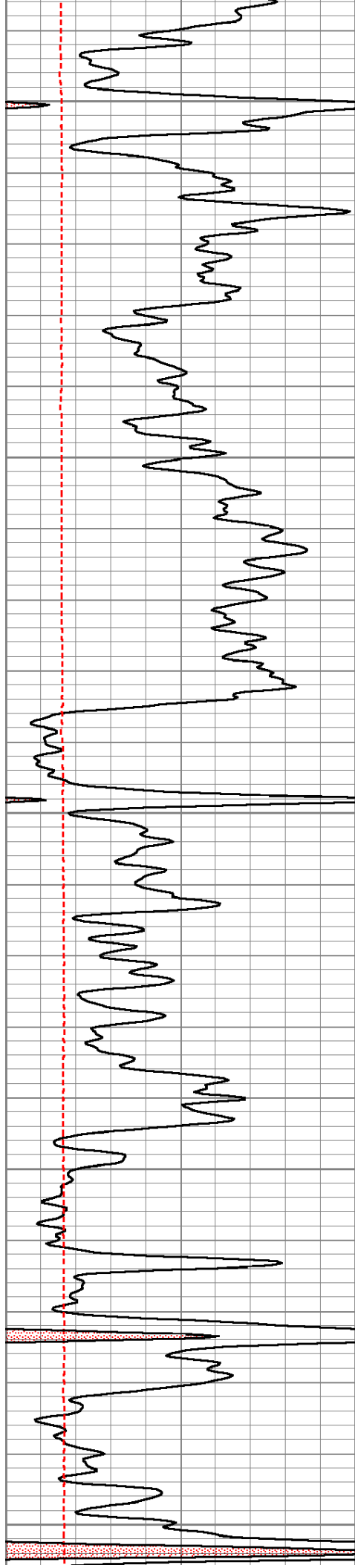












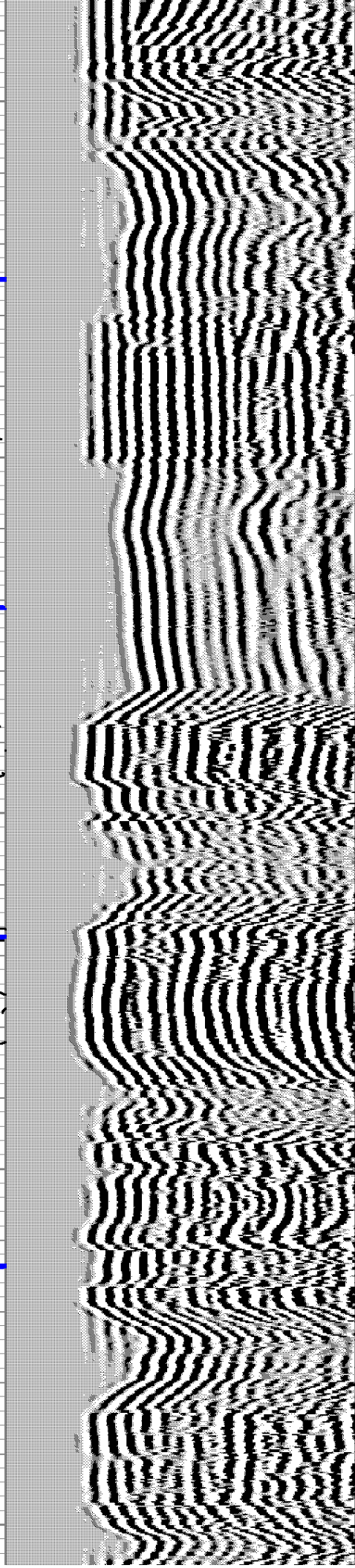
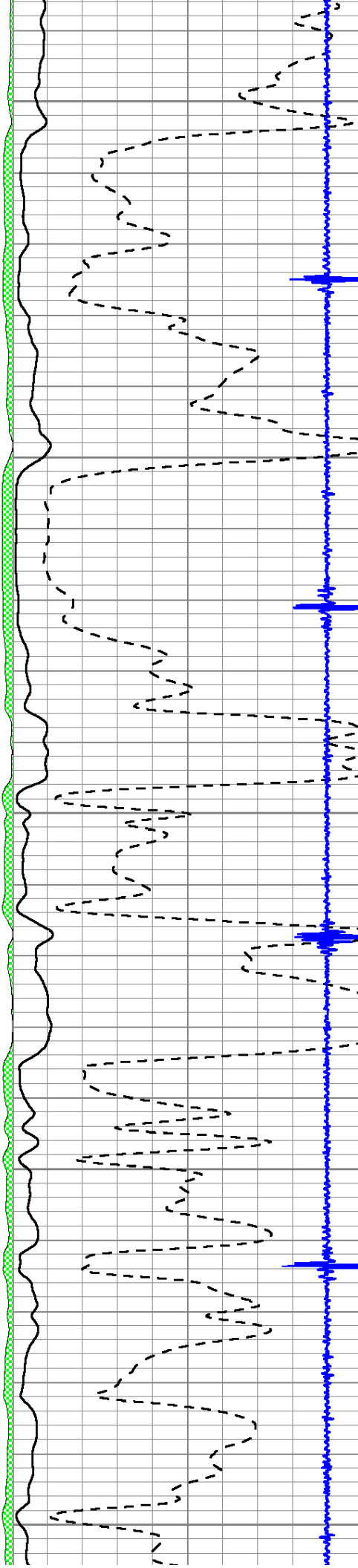
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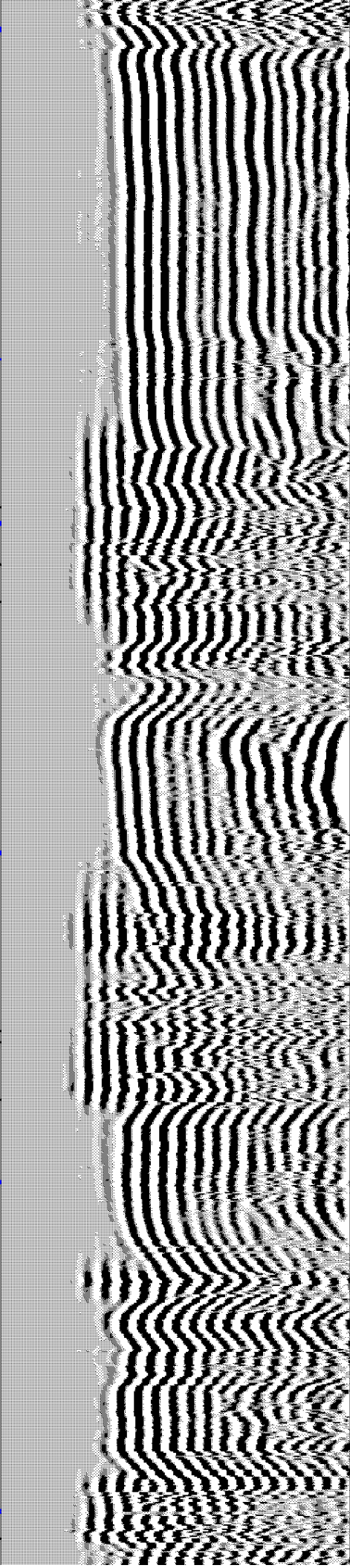
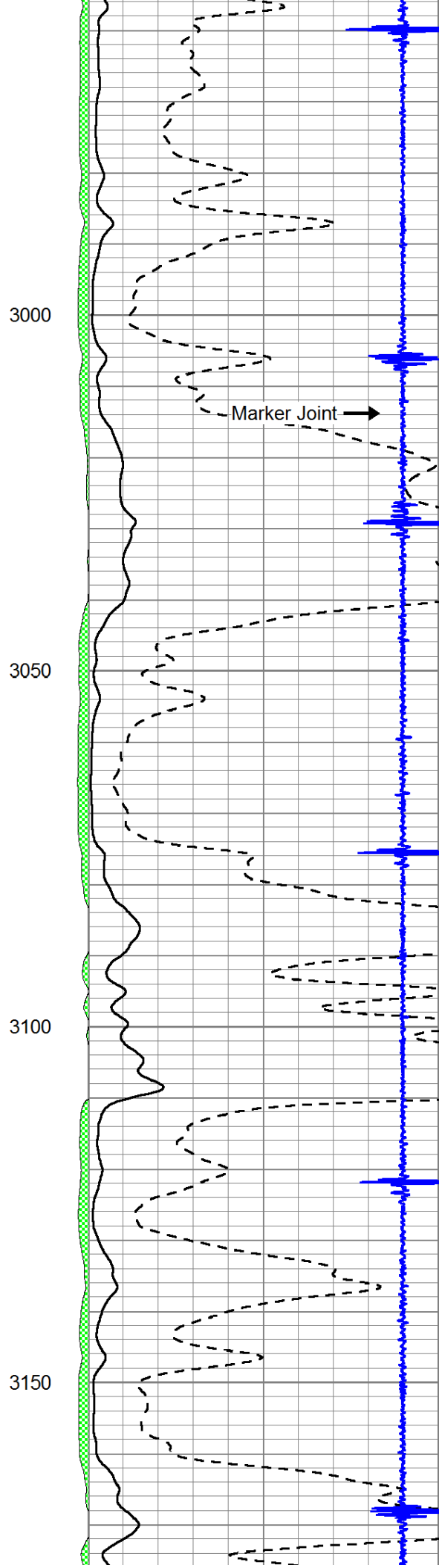
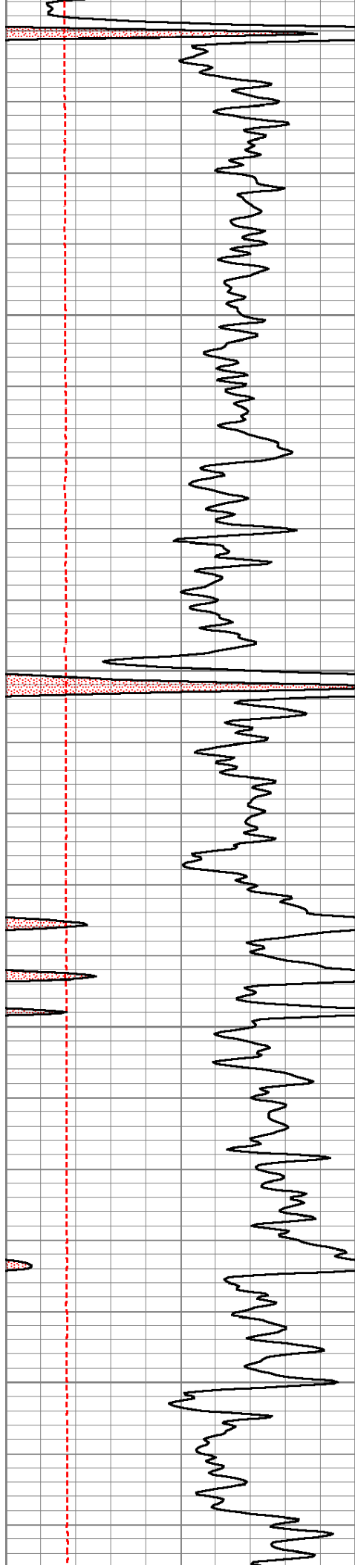
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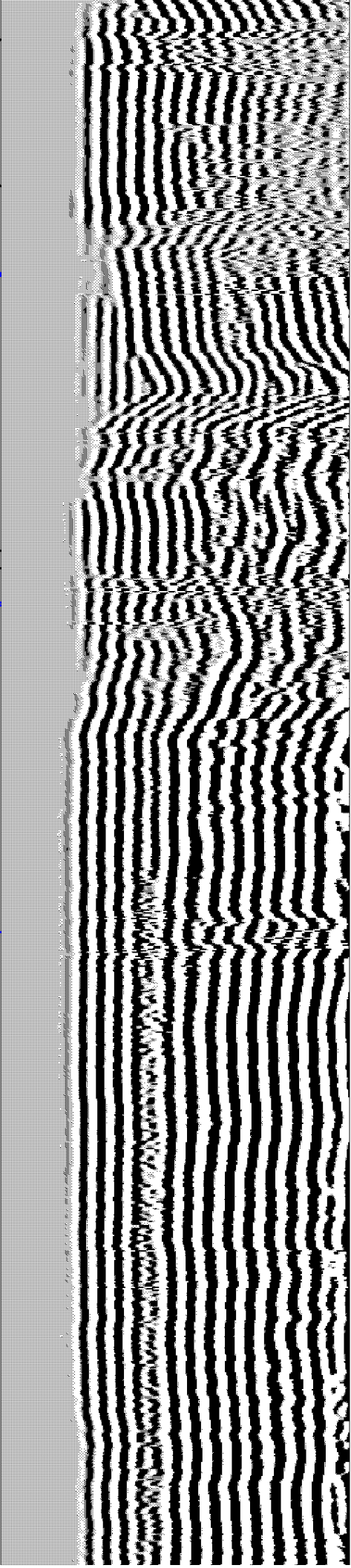
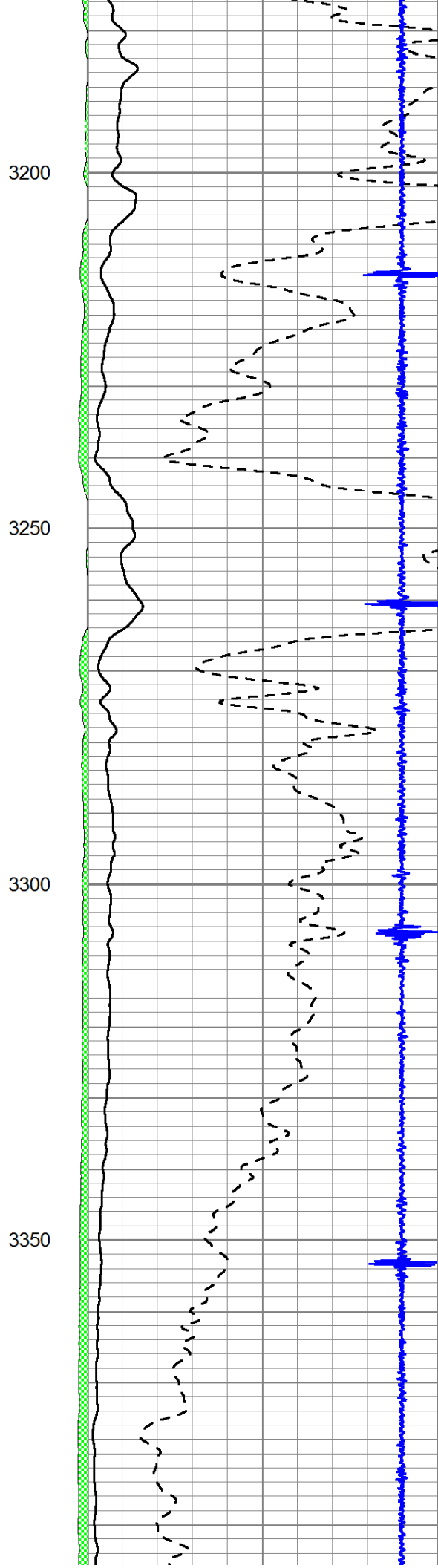
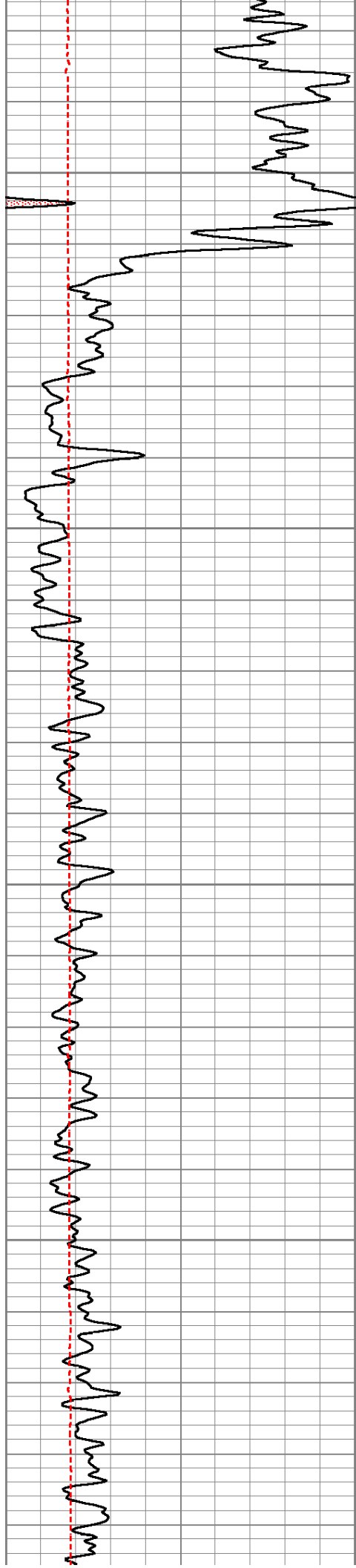
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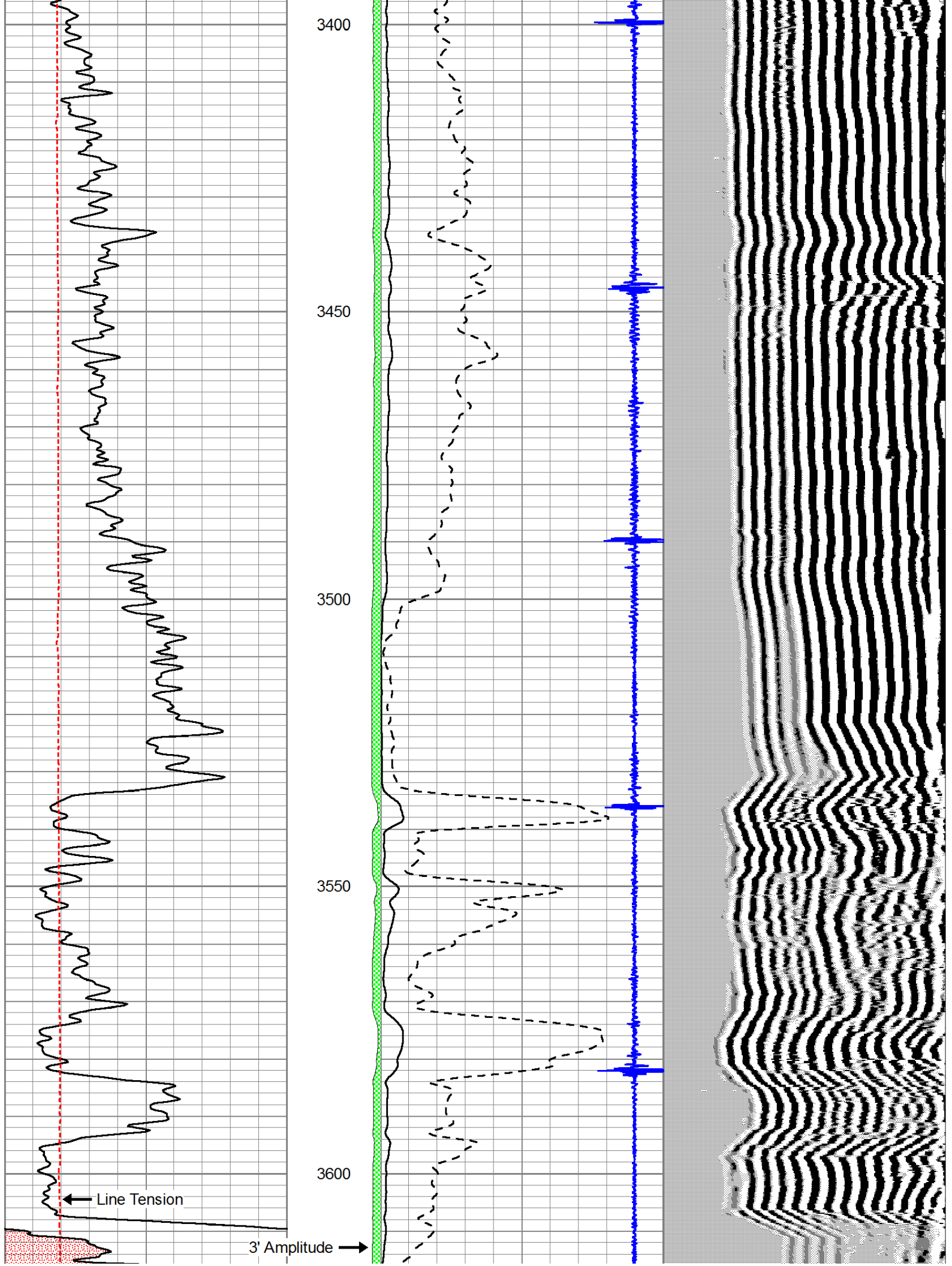
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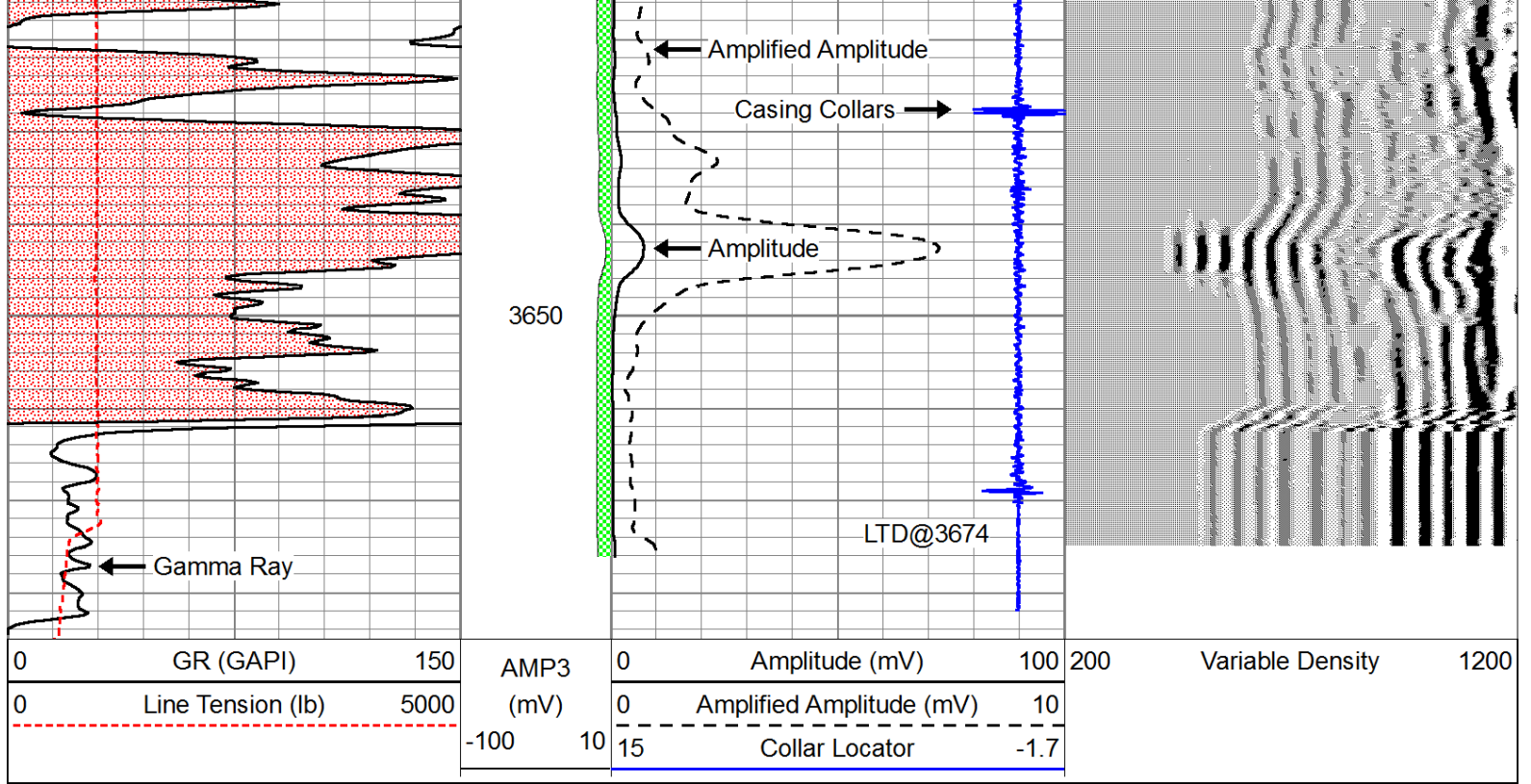
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Repeat Section

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 Presentation Format: cbldig
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 Charted by: Depth in Feet scaled 1:240

