



**Sonic Cement
Bond Log**

15-007-24170

API No.

Company **Chieftain Oil Company, Inc.**

Well **Rathgerber #4**

Field

County **Barber**

State **Kansas**

Location **1912 FSL' & 340' FWL
NE SW NW SW**

Sec: **6** Twp: **35S** Rge: **11E**

Other Services
Mast Trailer

Elevation

Permanent Datum **Ground Level** Elevation **1392**
 Log Measured From **Kelly Bushing** 12 Ft. Above Perm. Datum
 Drilling Measured From **Kelly Bushing**

K.B. 1404
D.F. 1403
G.L. 1392

Run Number	One	
Date Survey	6-13-2014	
Date Cementing	6-5-2014	
Type Cementing Operation	Primary	
Depth Driller	5555	
Depth Logger	5516	
Logged Interval	5515 to 3250	to
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	////	
Calculated Cement Top	3390	
Max. Hole Temperature	////	
Tool No.	DIG 01	
Spacing Recorded	3-5	
Equipment -- Location	01	Pratt
Recorded By	Dillon Ezell	
Witnessed By	Ryan Moiz	

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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 Excel Wireline (620) 388-5676

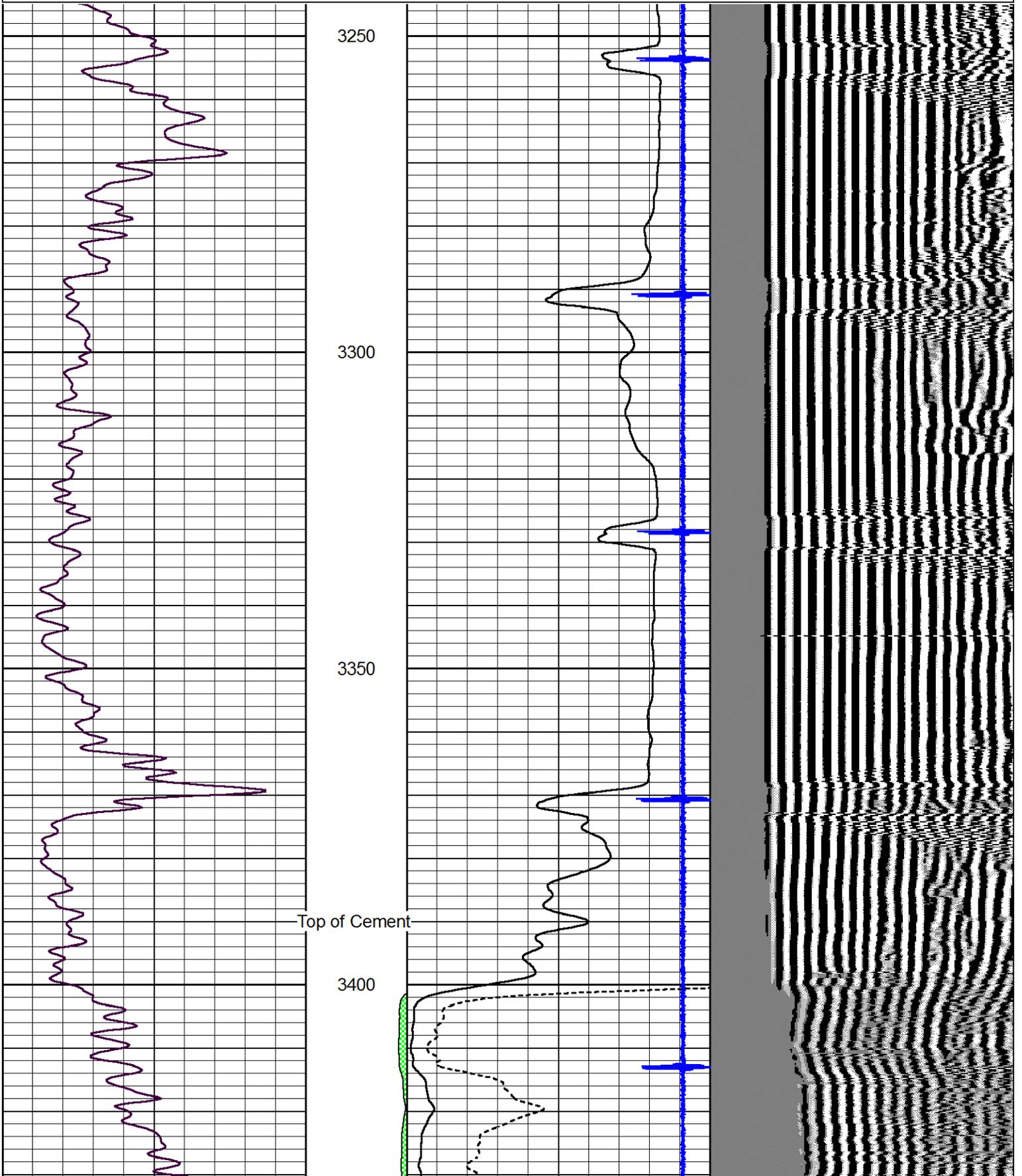
Hwy 281 & Hwy 2
1/2 North
East and south into.

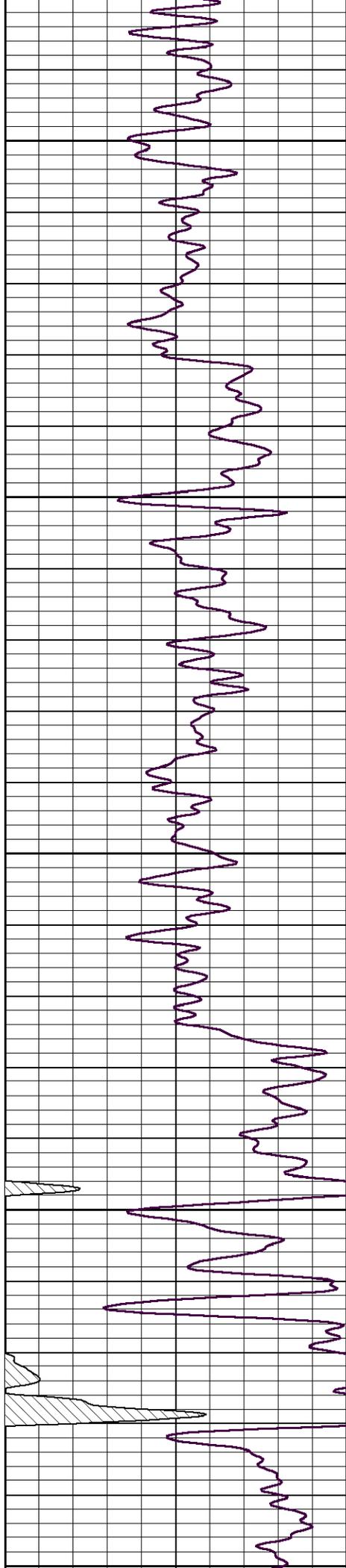


Main Pass

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 Dataset Pathname grcbl/pass4
 Presentation Format cbldr
 Dataset Creation Fri Jun 13 09:47:25 2014
 Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	amp3ft	3	Casing Collars	-0.3	200	wvf5ft	1200
			(mV)	0	Amplified Amplitude (mV)	100			
			-100 10	0	Pipe Amplitude (mV)	20			





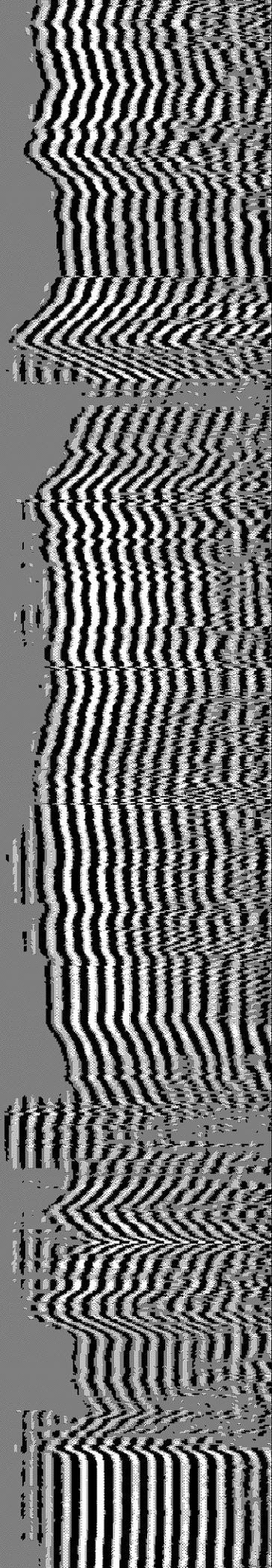
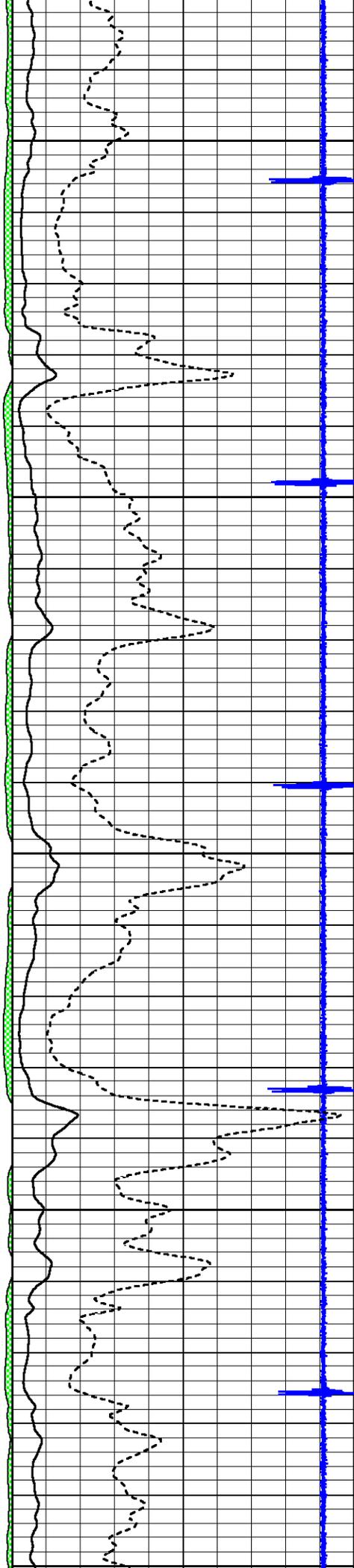
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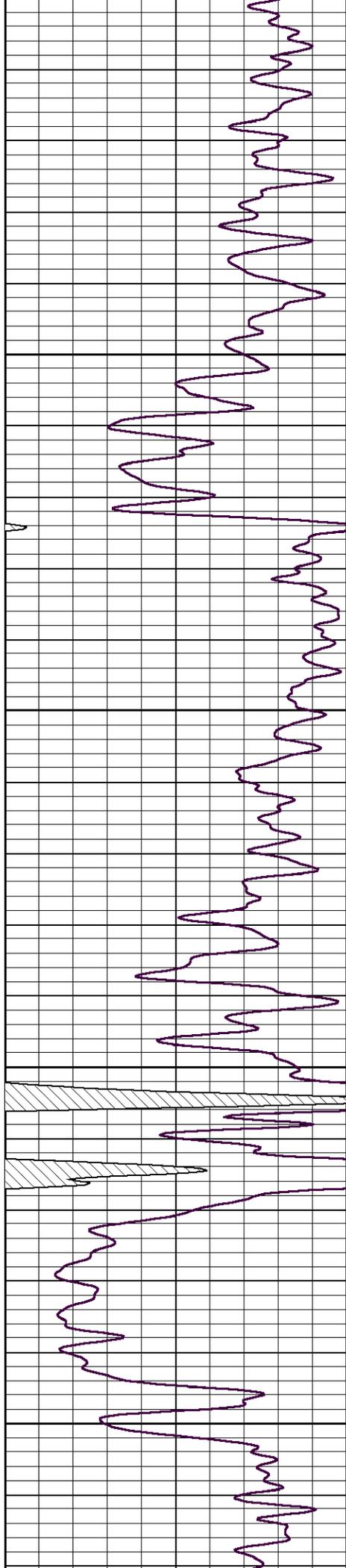
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3600

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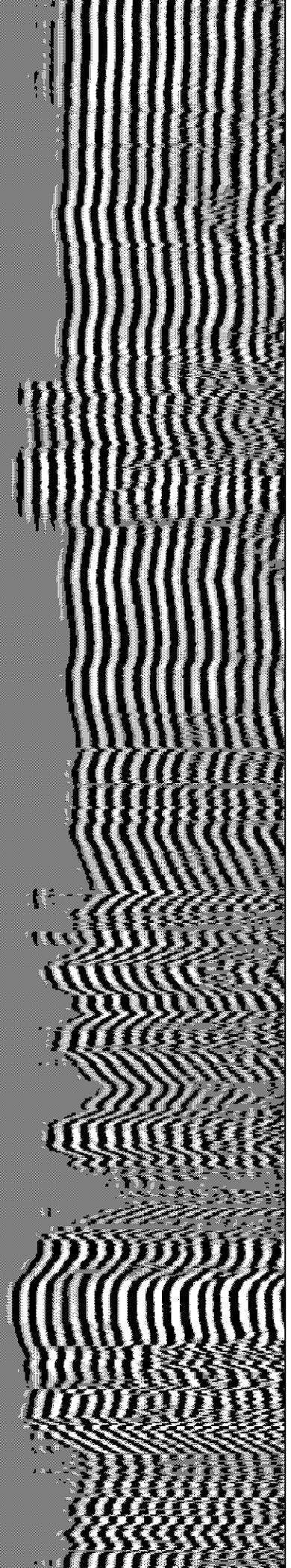
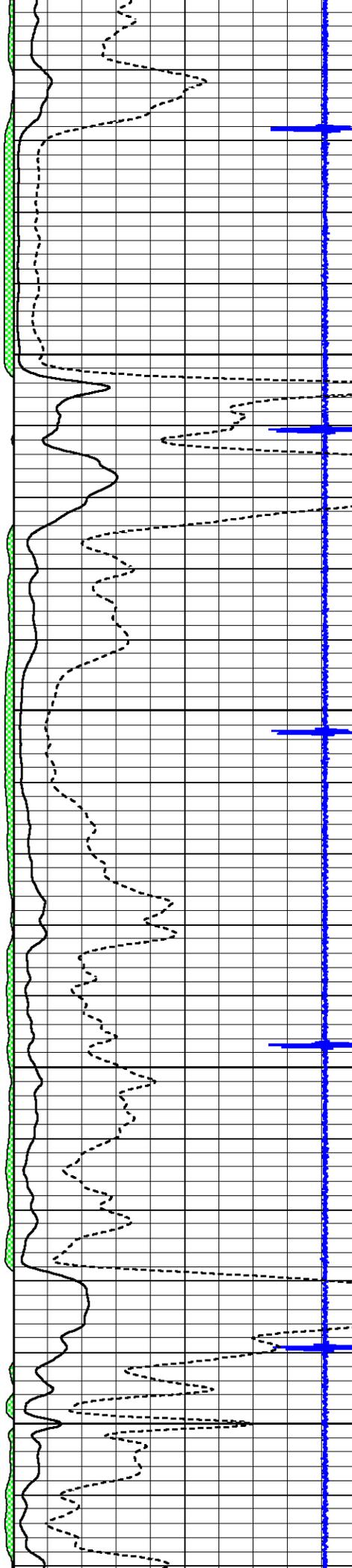
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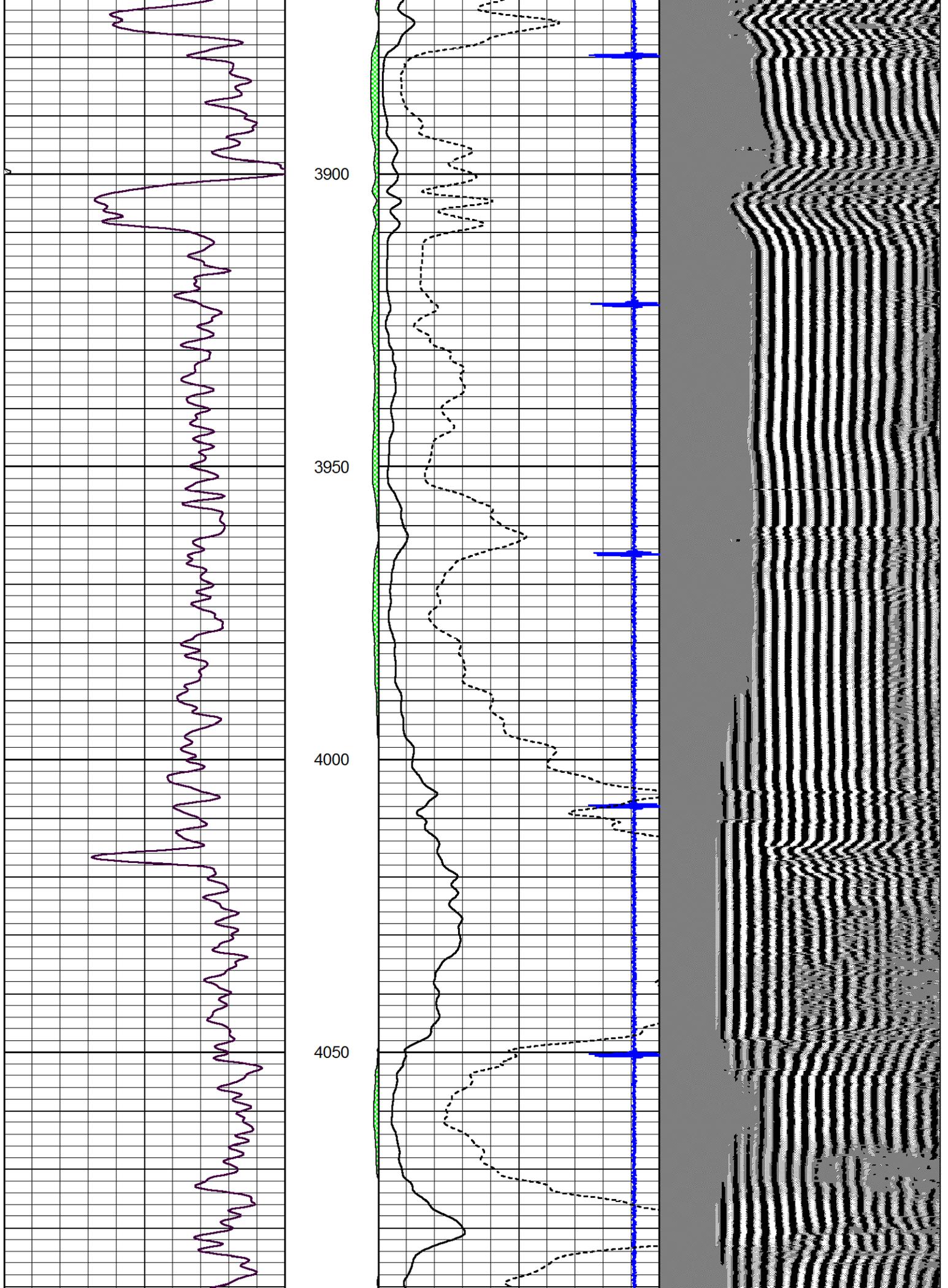
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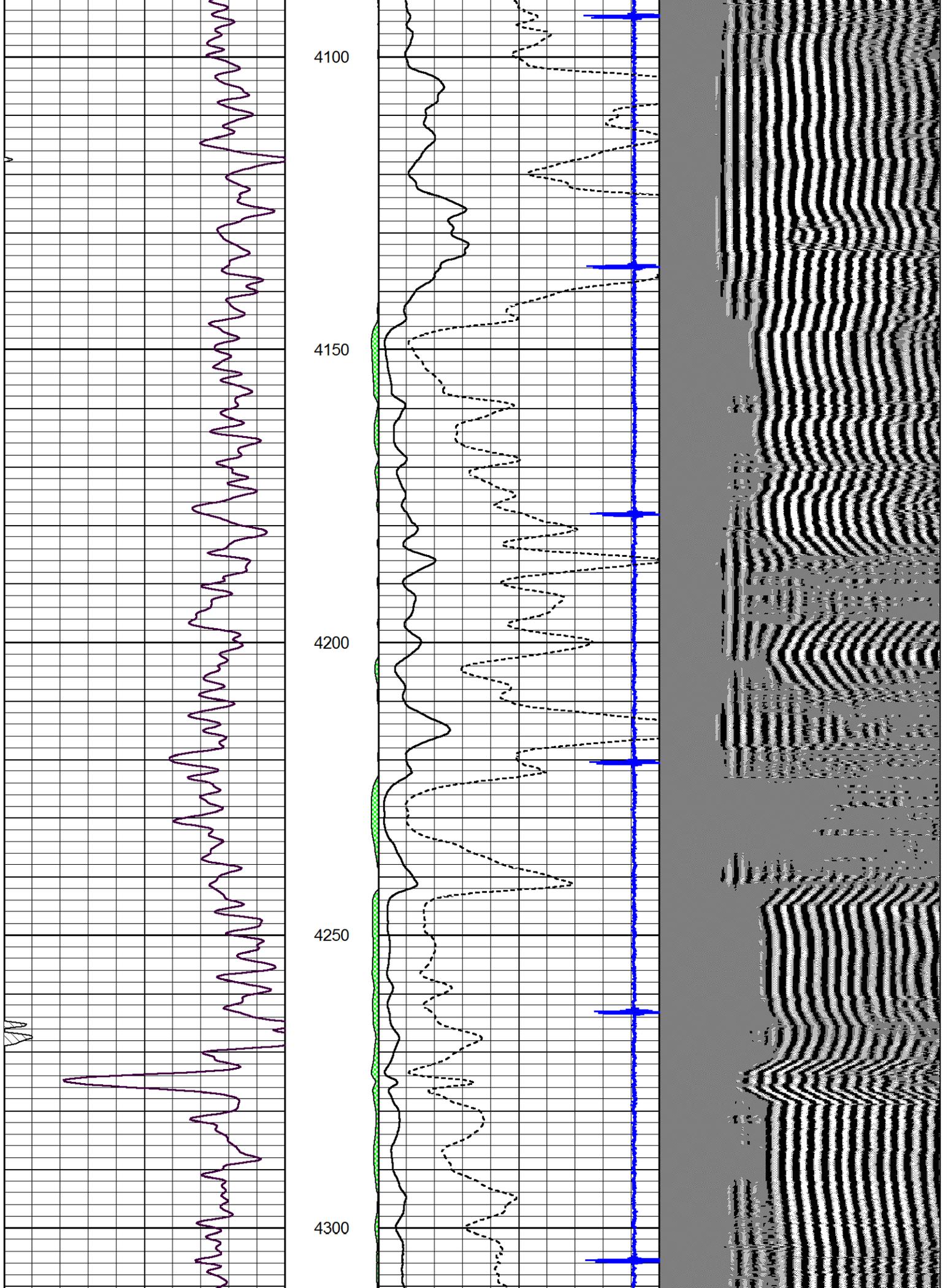
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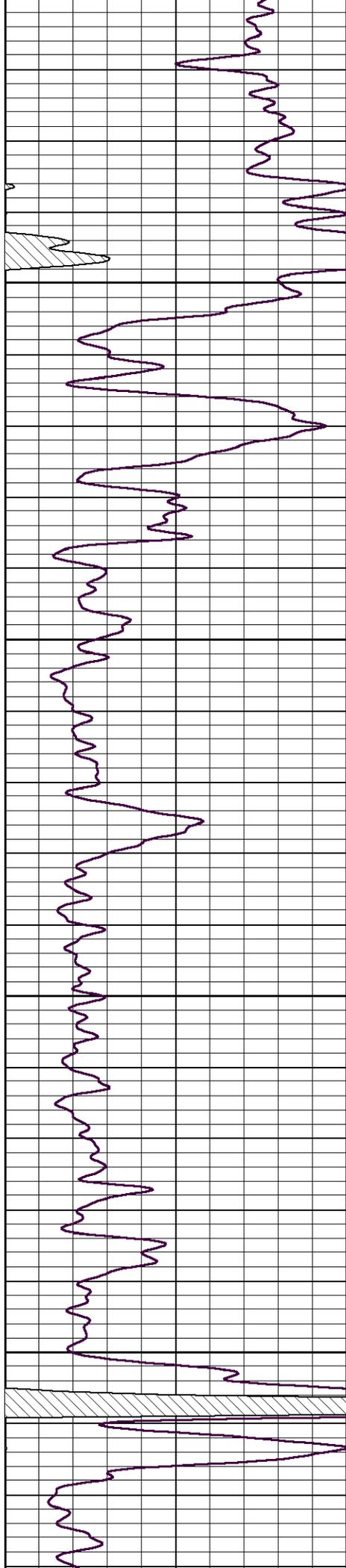
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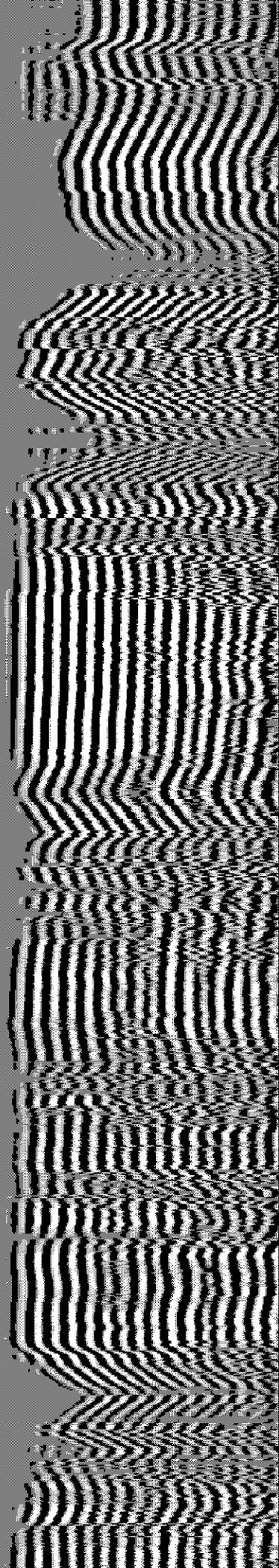
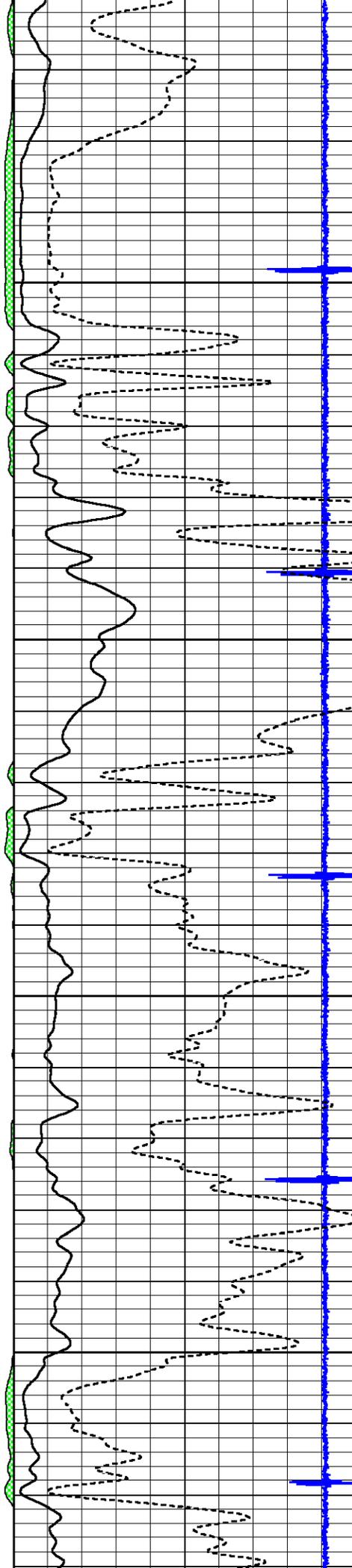


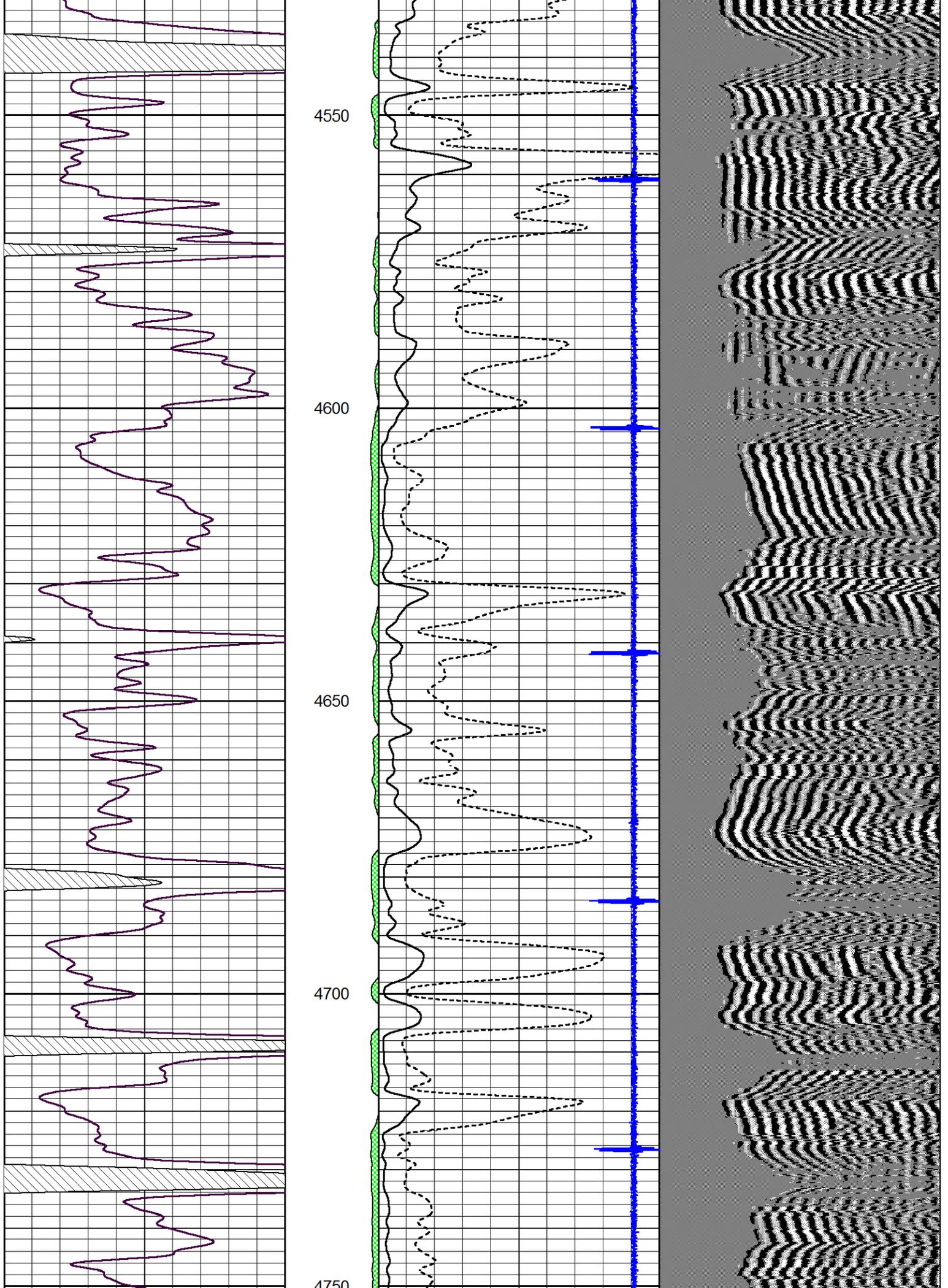
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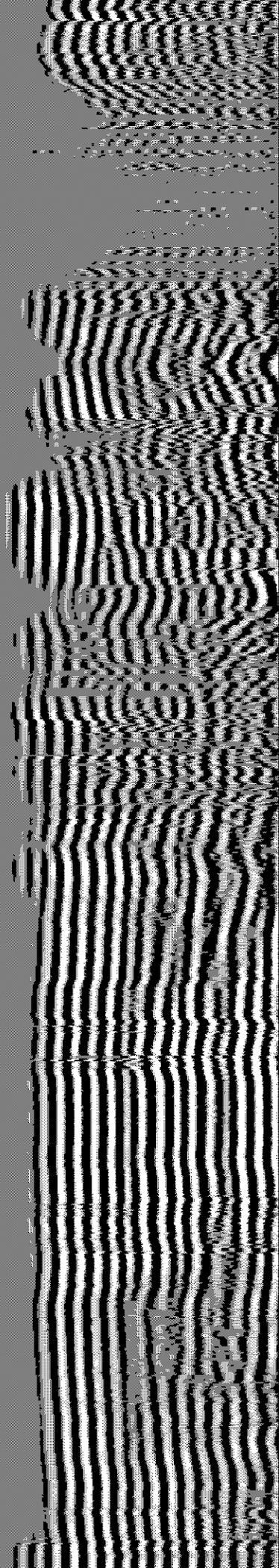
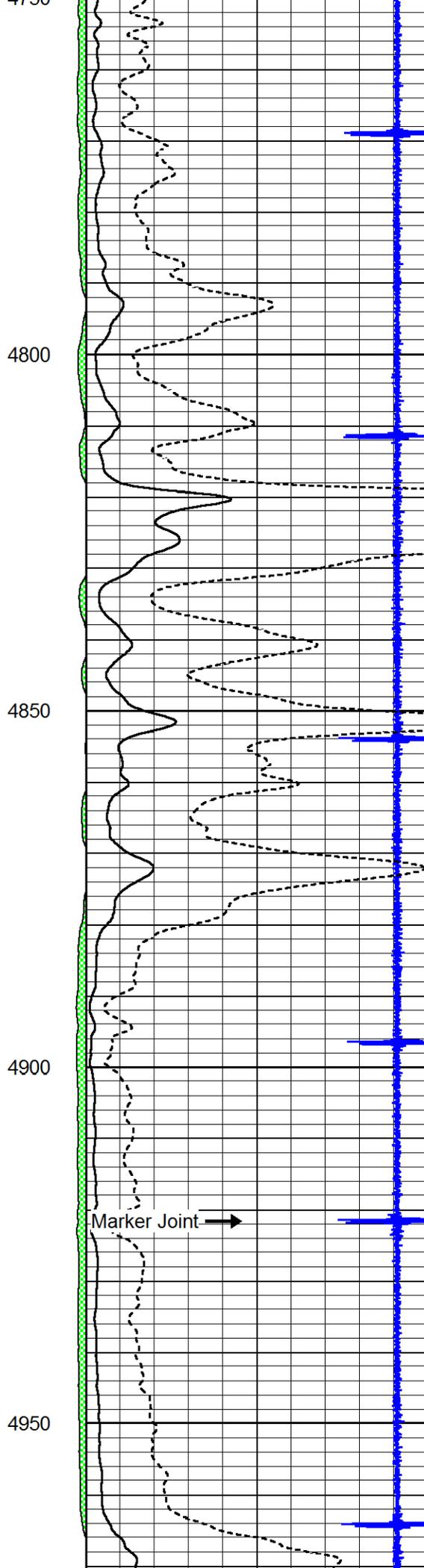
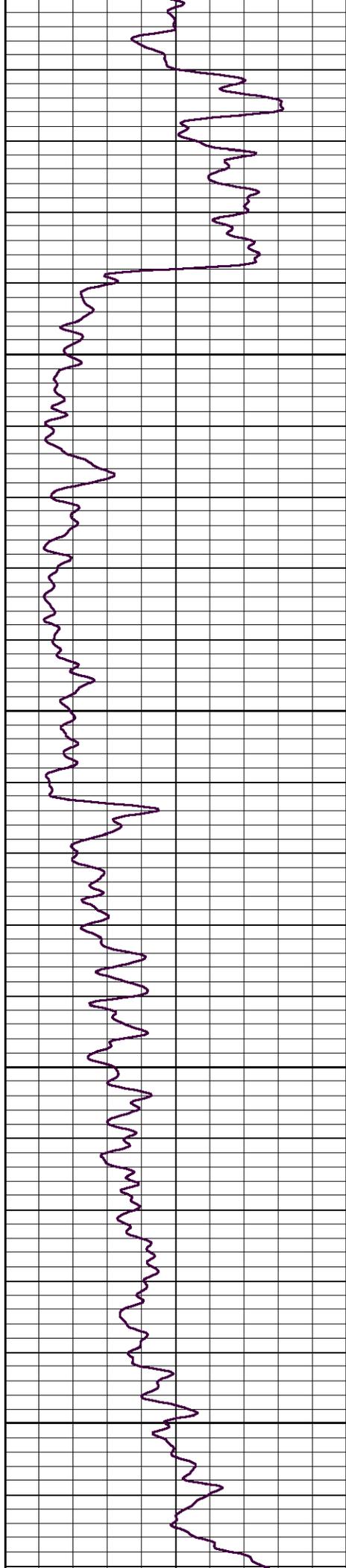
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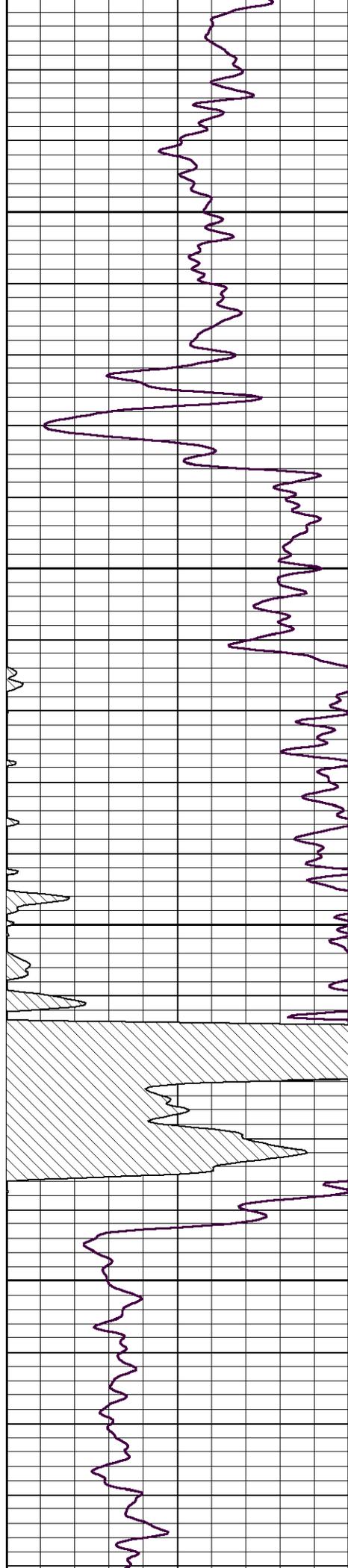
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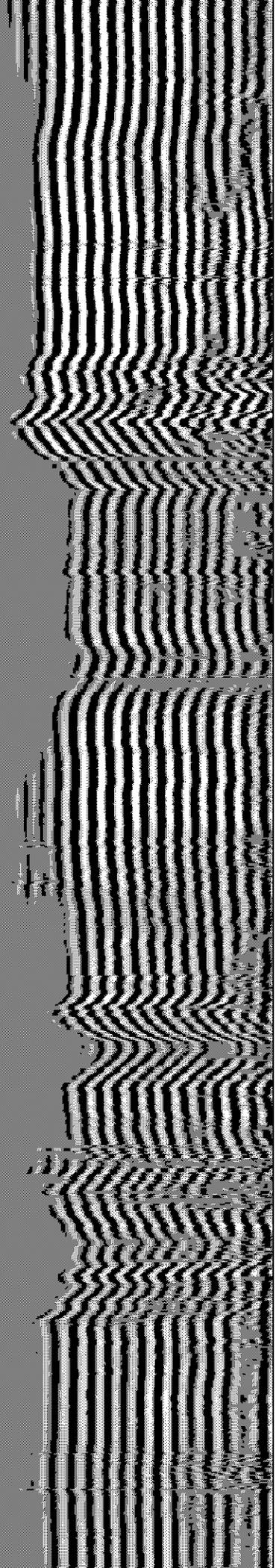
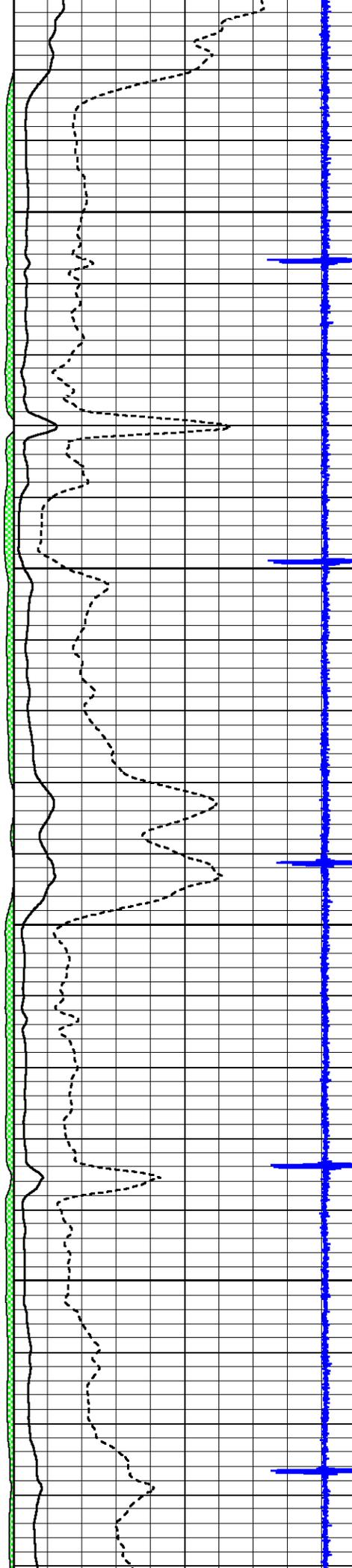


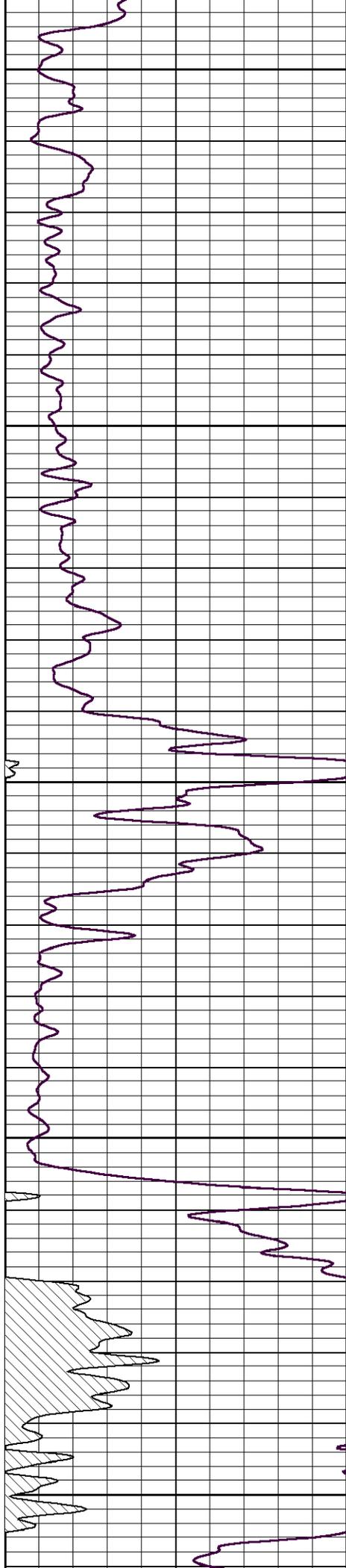
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5150





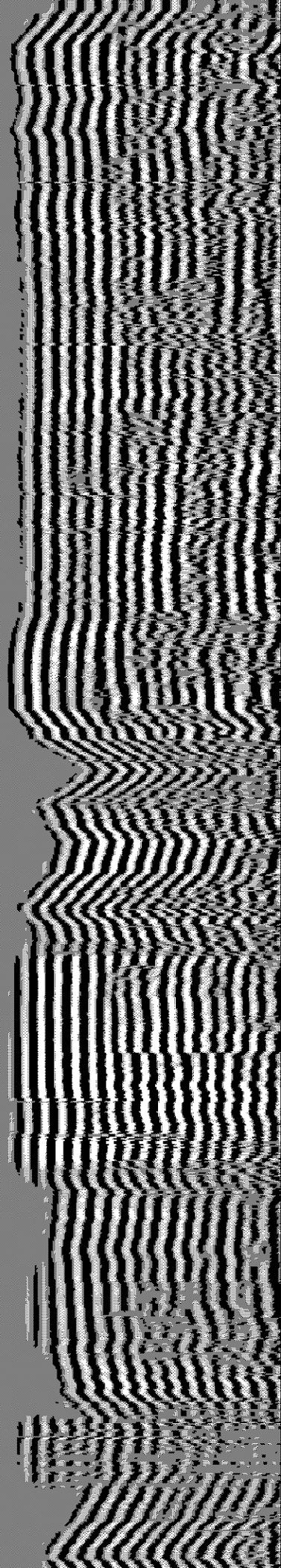
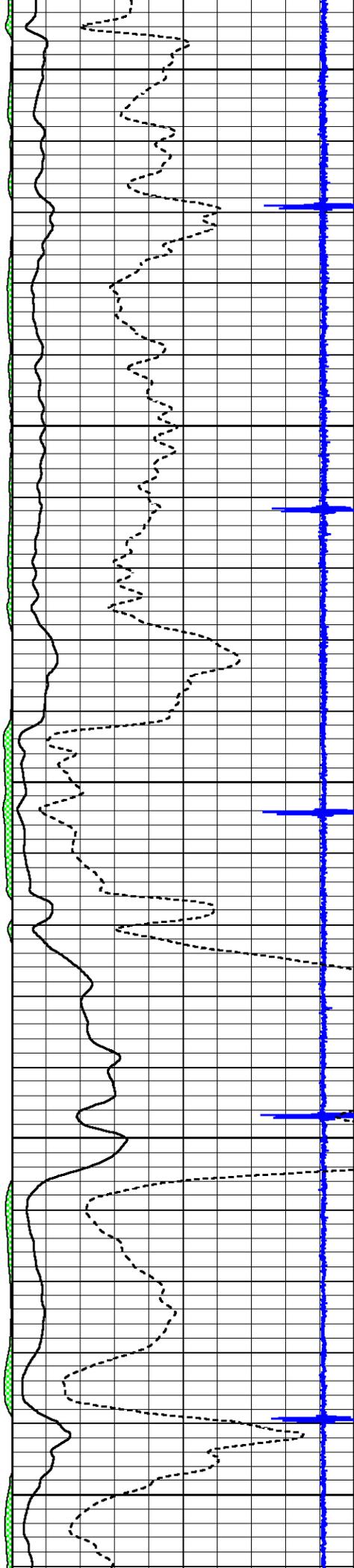
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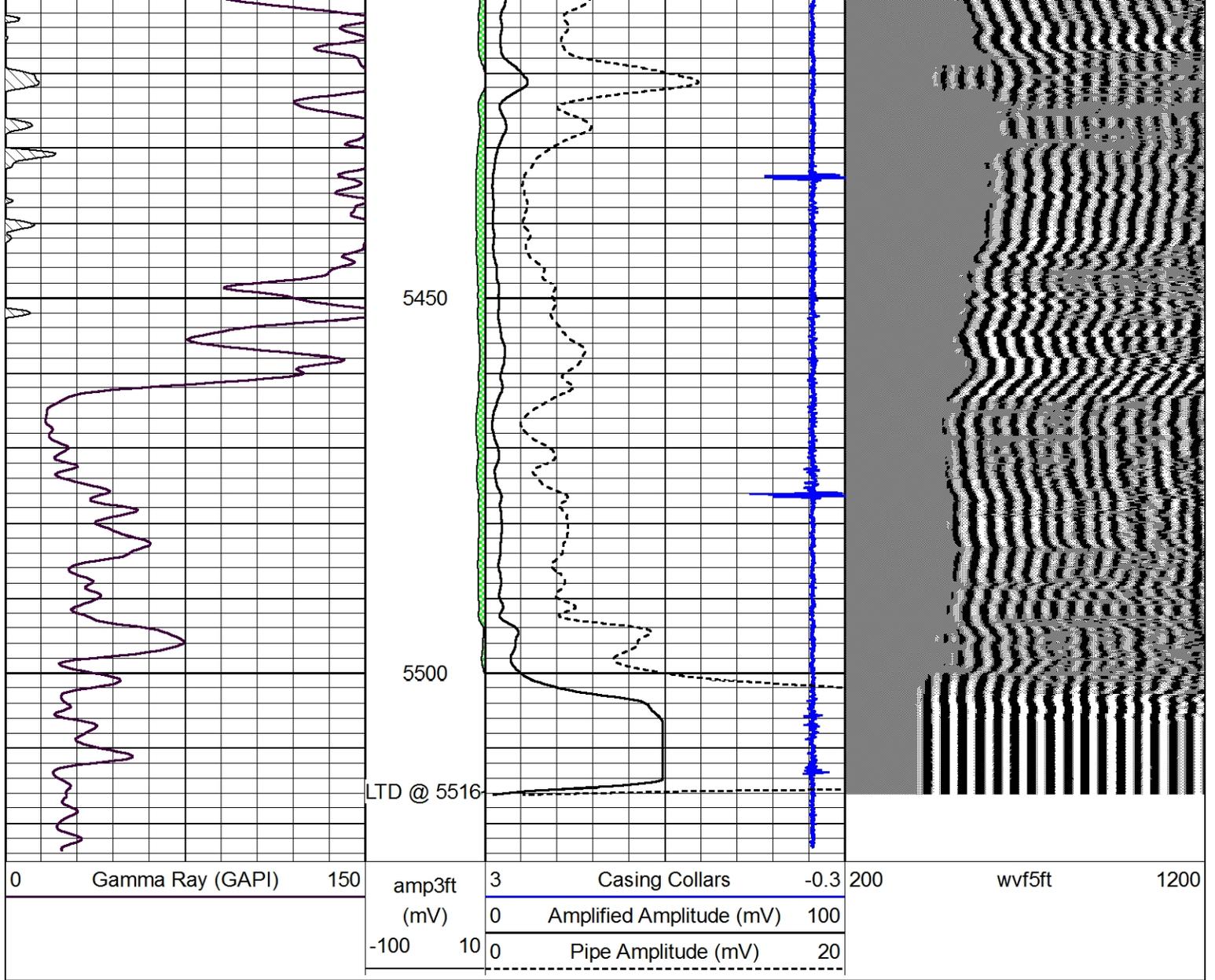
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Repeat Section

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