

CEMENT BOND LOG GAMMA RAY / CCL

Company	GREAT WESTERN OPERATING COMPANY LLC.		
Well	SCHNEIDER SOUTH HD11-352HN		
Field	WATTENBERG		
County	WELD		
State	COLORADO	Country	U.S.A.
Location:		API # : 05-123-41748	
SEC 07 TWP 4N RGE 66W		Other Services NONE	
Permanent Datum	G.L.	Elevation	
Log Measured From	K.B.	K.B.	
Drilling Measured From	K.B.	D.F.	
		G.L.	

Date	11-19-2015
Run Number	ONE
Depth Driller	14536'
Depth Logger	7474'
Bottom Logged Interval	7473'
Top Log Interval	SURFACE
Open Hole Size	N/A
Type Fluid	WATER
Density / Viscosity	N/A
Max. Recorded Temp.	N/A
Estimated Cement Top	2800'
Time Well Ready	6:00AM
Time Logger on Bottom	10:53AM
Equipment Number	41
Location	JOHNSTOWN
Recorded By	WILLIAMS
Witnessed By	

Borehole Record		Tubing Record					
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record	Size	Wgt/Ft	Top	Bottom			
Surface String							
Prot. String							
Production String							
Liner							

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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

NOTE: THIS LOG WAS NOT CORRELATED TO ANY OTHER LOG

MAIN PASS: 5" = 100'
CSG PSI: STATIC

Calibration Report

Database File: 11192015greatwestern_schneiderhd11-352hn.db
Dataset Pathname: Main1/merge3
Dataset Creation: Thu Nov 19 13:47:40 2015

Gamma Ray Calibration Report

Type / Serial:

Probe275dig / 080829

SHOP CALIBRATION

Thu Apr 19 07:51:18 2012

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	1.0				cps
		1.0000			GAPI/cps

PRIMARY VERIFICATION

Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

BEFORE SURVEY VERIFICATION

Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

AFTER SURVEY VERIFICATION

Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

Cement Bond Log Calibration Report

Serial Number:	080430
Tool Model:	Digital
Performed:	Thu Nov 19 10:21:11 2015

Depth:	0	ft
Casing Diameter:	5.5	in

3' Spacing	5' Spacing
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Signal Zero:	1	1	mV
Calibrated Amplitude:	71.921	71.921	mV
Reading at Signal Zero:	0.0104736	0.00456543	V
Reading in Free Pipe:	0.516333	0.479614	V

Gain:	140.199	149.292
Offset:	-0.468393	0.318418

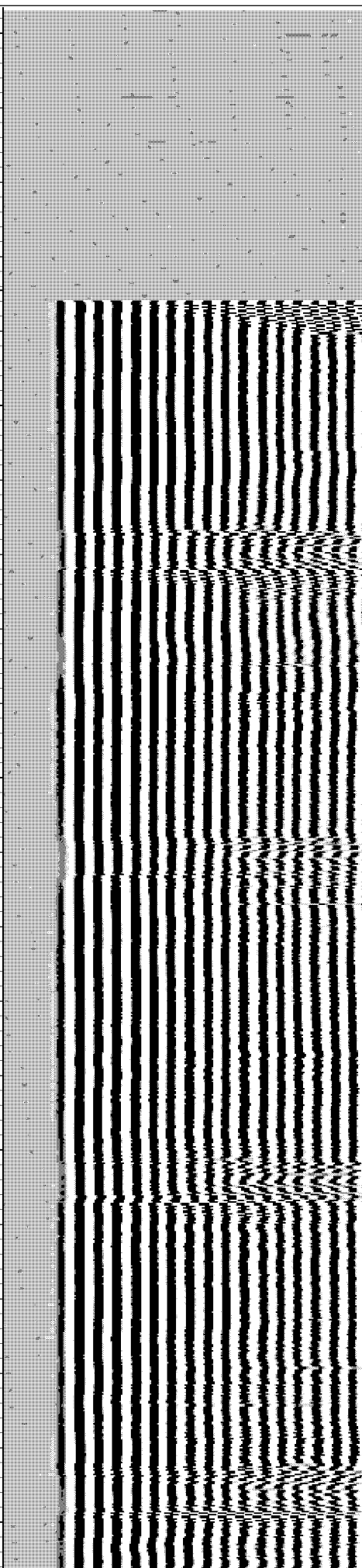
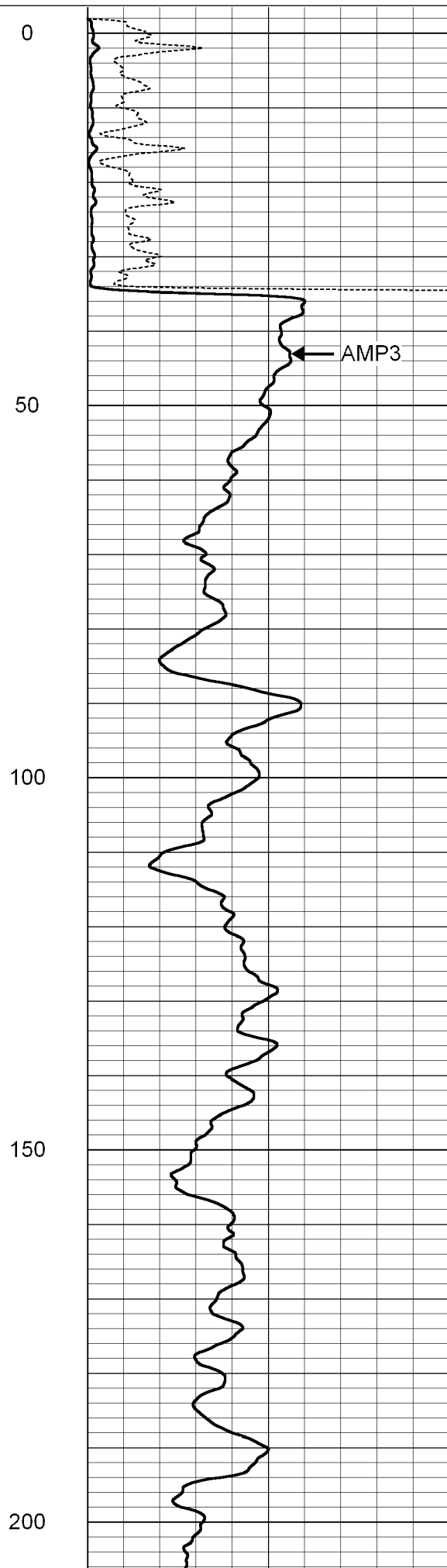
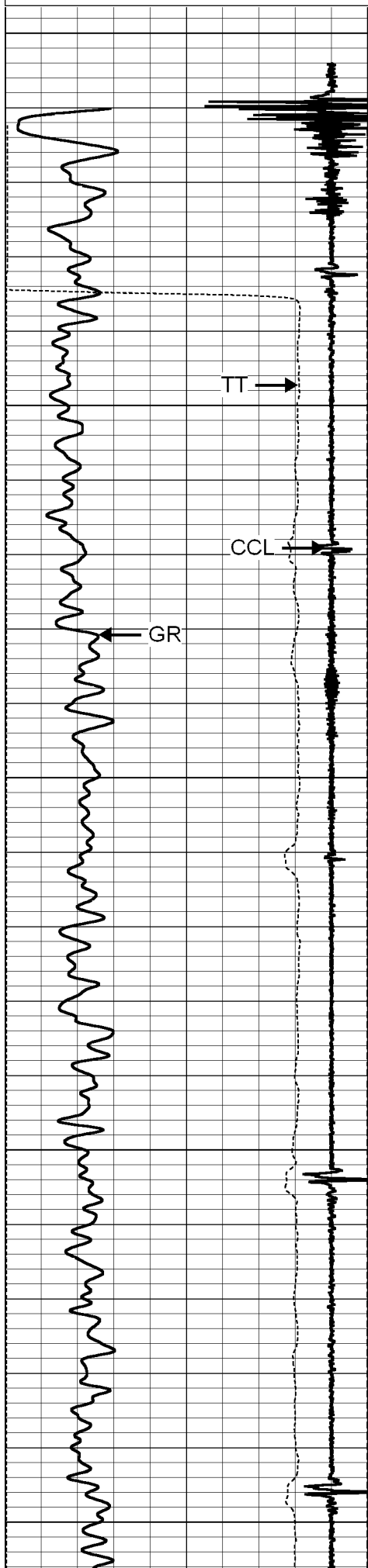


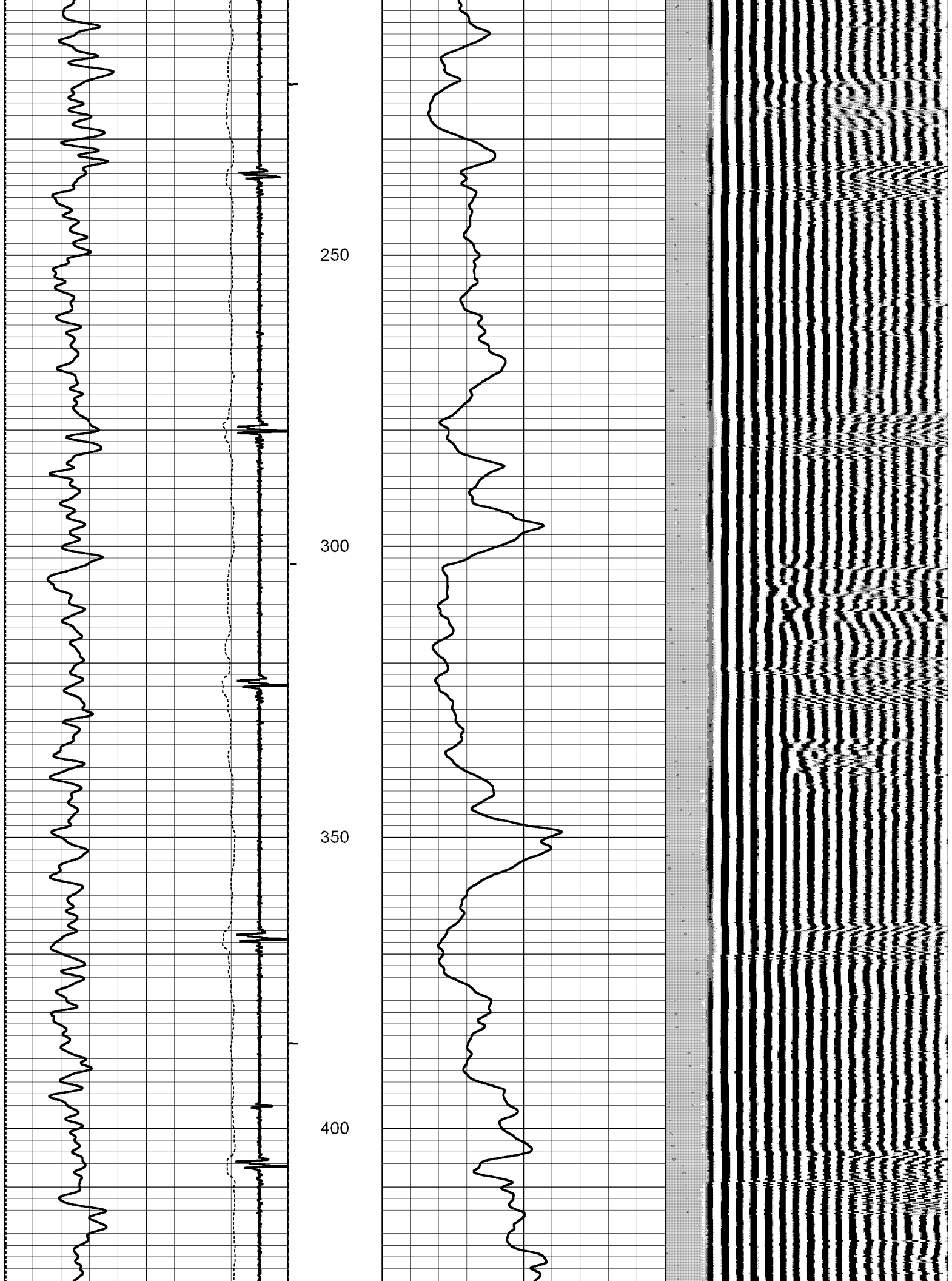
MAIN PASS

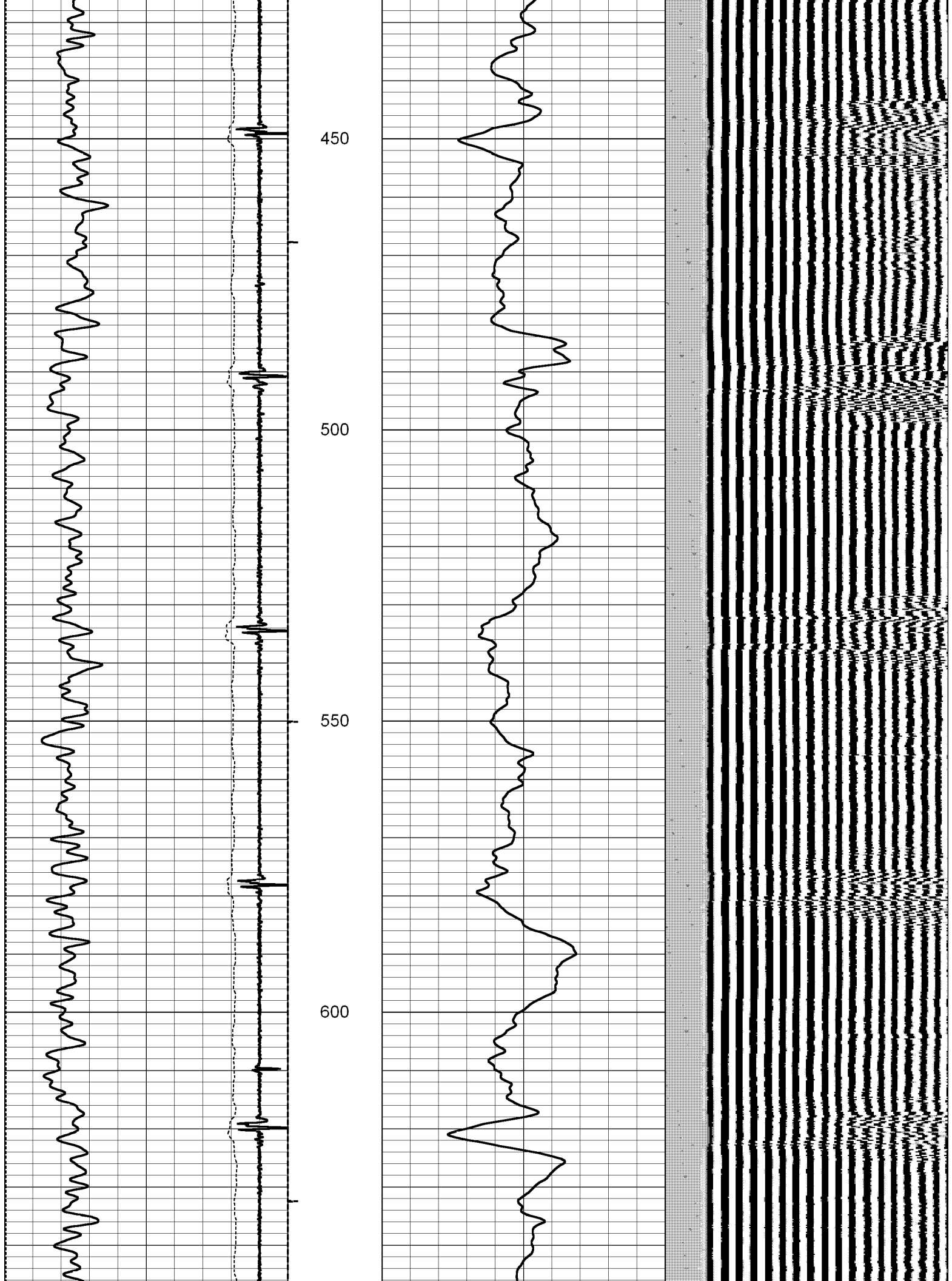
Database File:	11192015greatwestern_schneiderhd11-352hn.db
Dataset Pathname:	Main1/merge3
Presentation Format:	cbldig
Dataset Creation:	Thu Nov 19 13:47:40 2015
Charted by:	Depth in Feet scaled 1:240

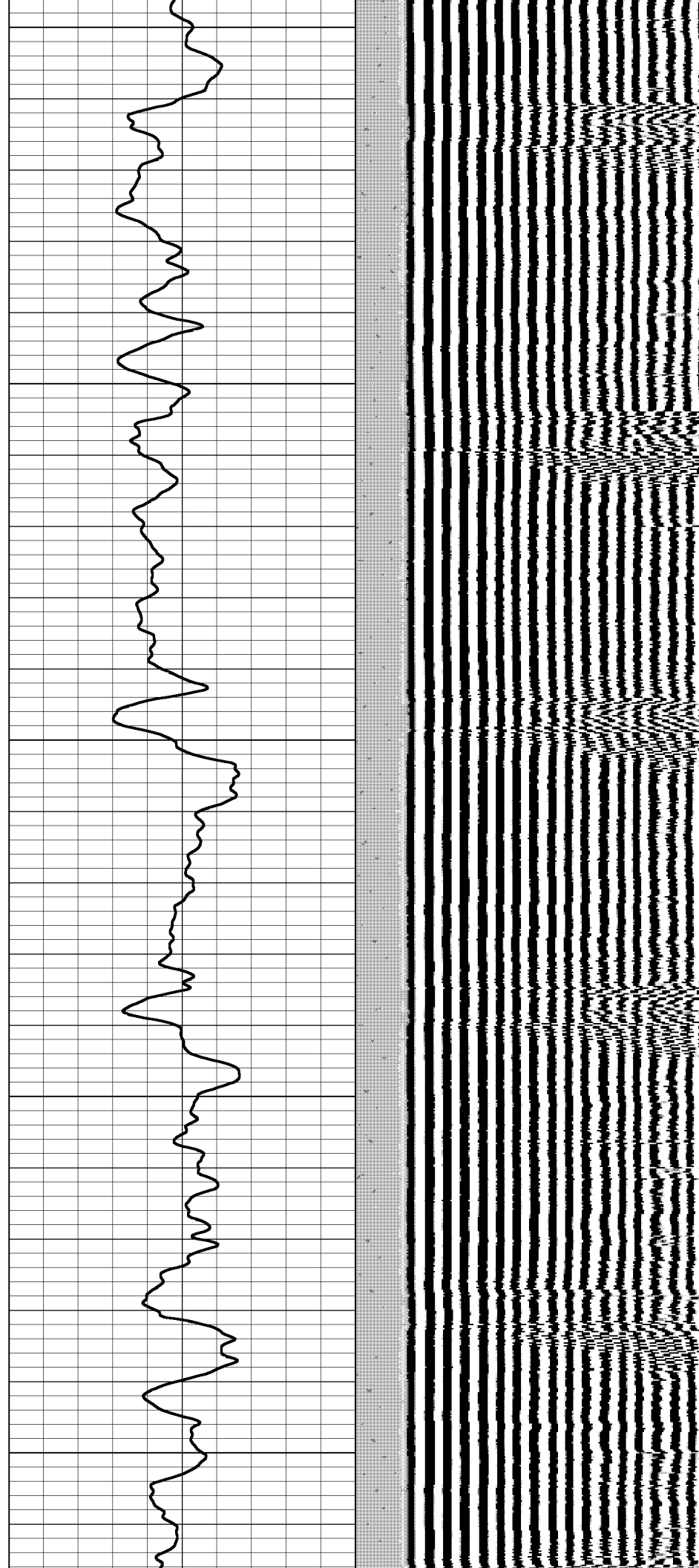
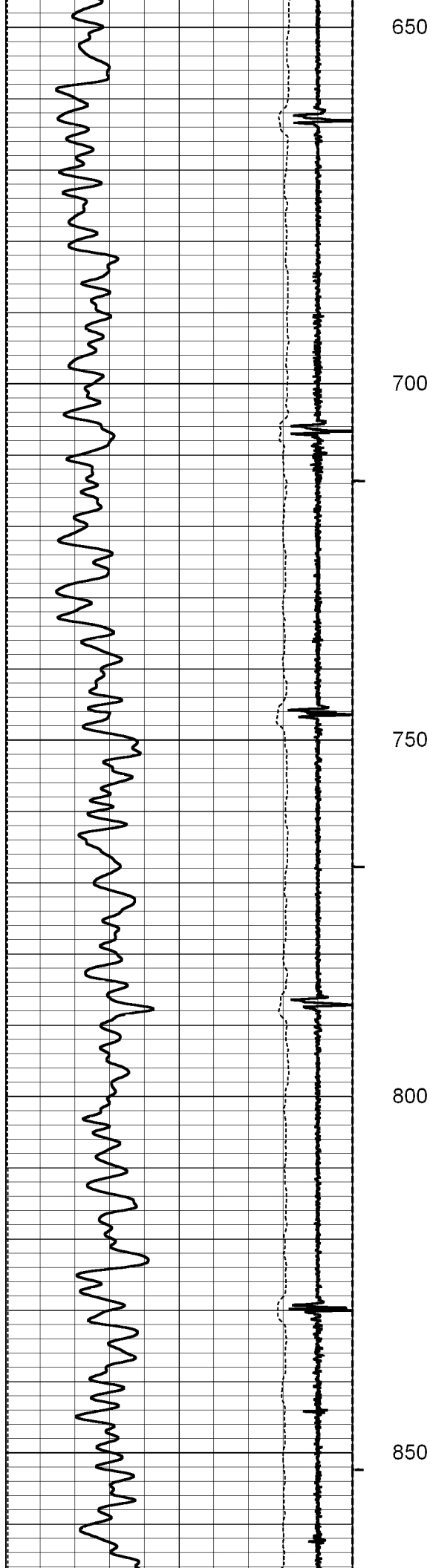
400	Travel Time (usec)	200
9	Collar Locator	-1
0	GR (GAPI)	150

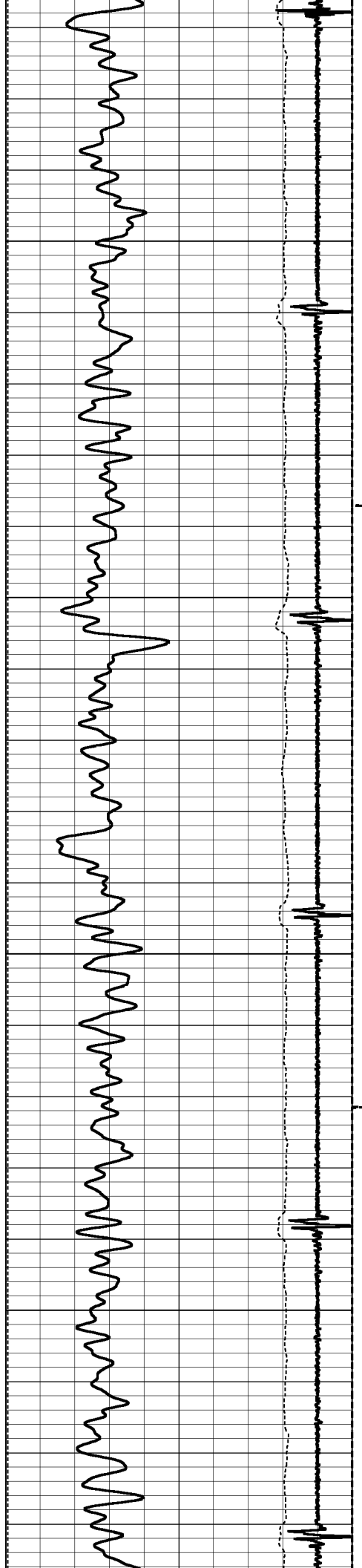
0	Amplitude (mV)	100	200	Variable Density	1200
0	Amplified Amplitude (mV)	10			









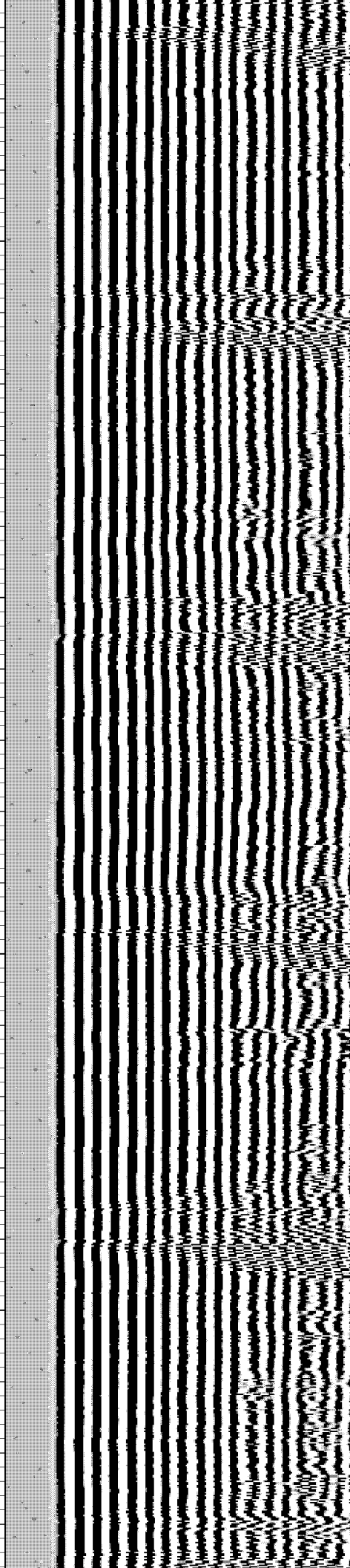
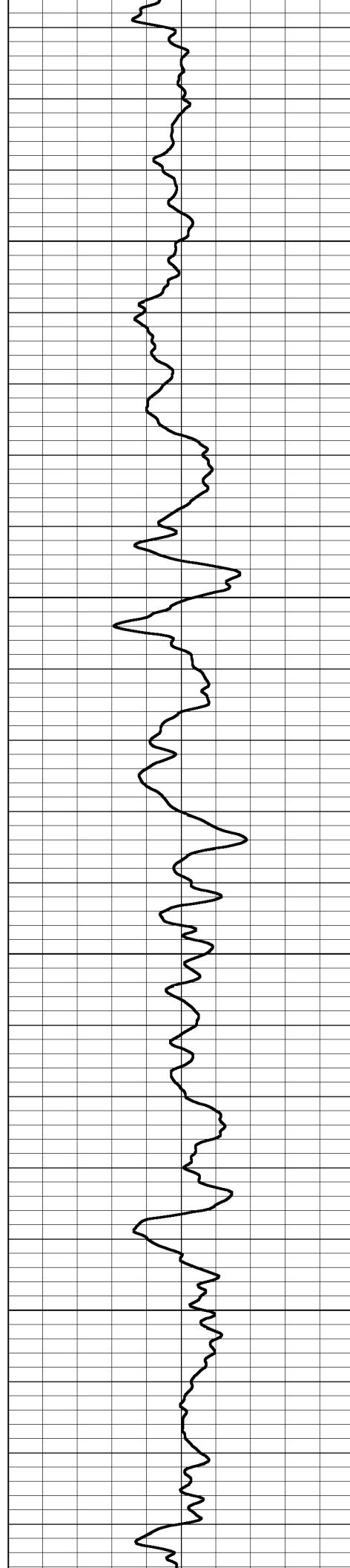


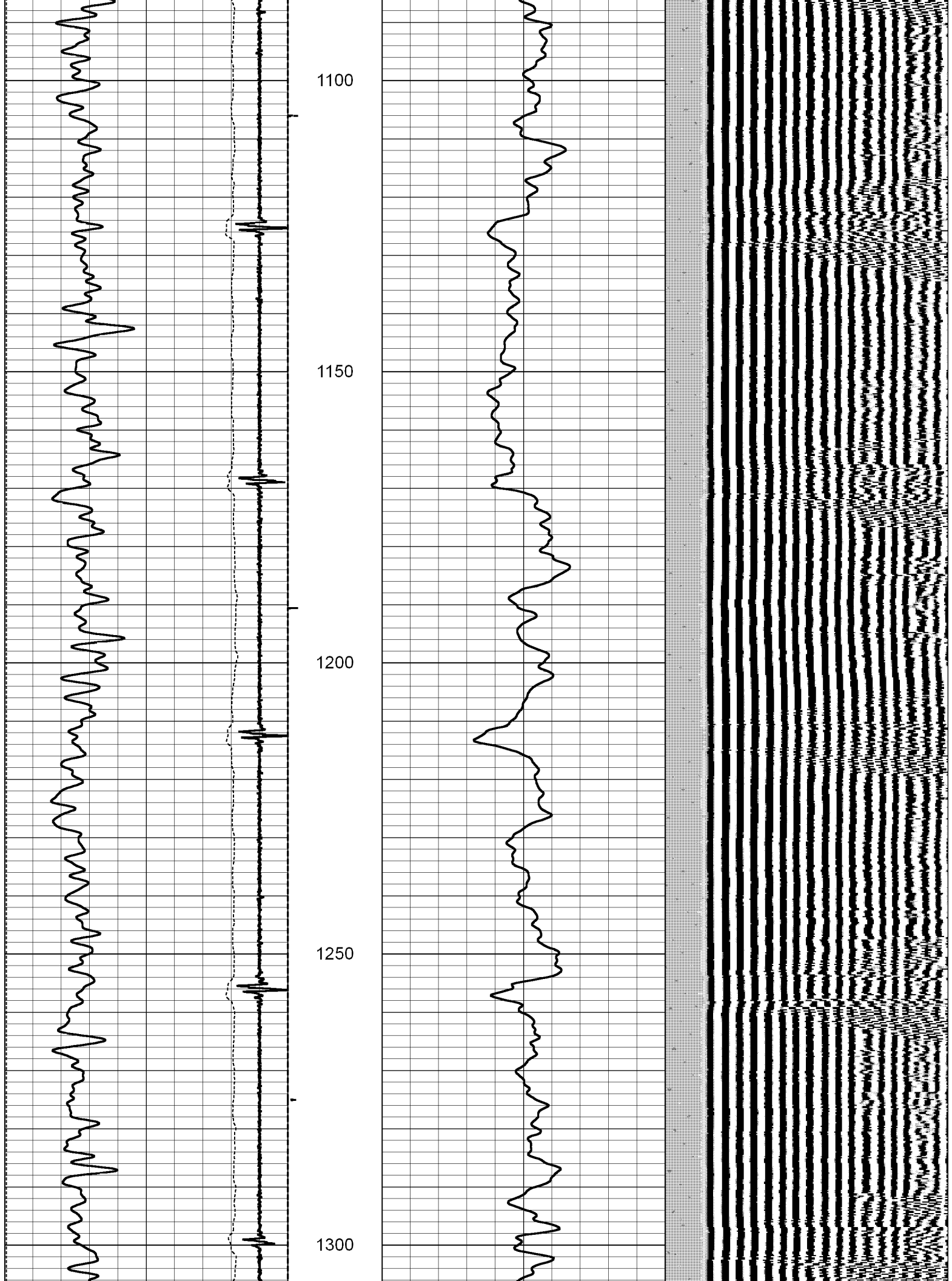
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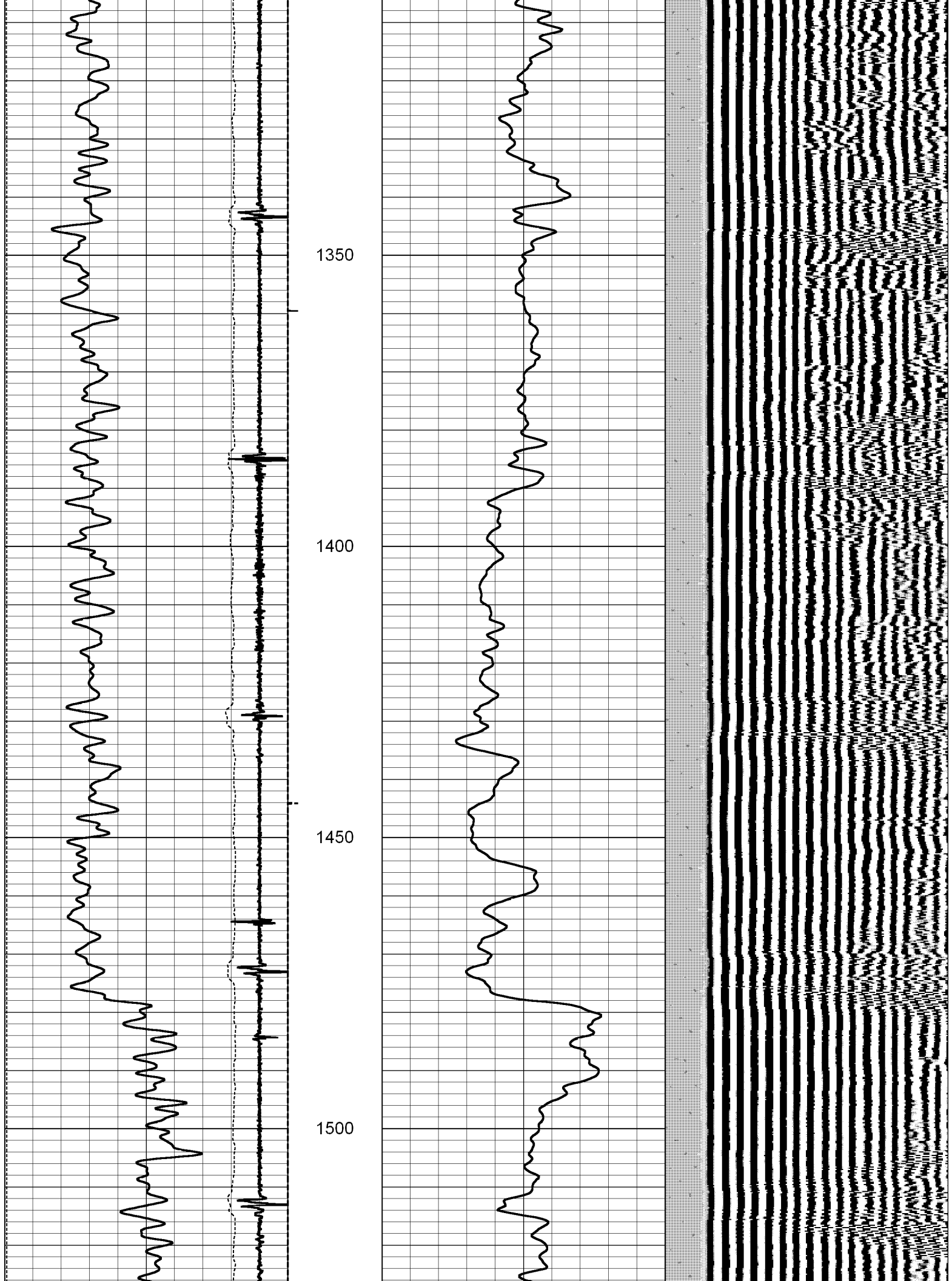
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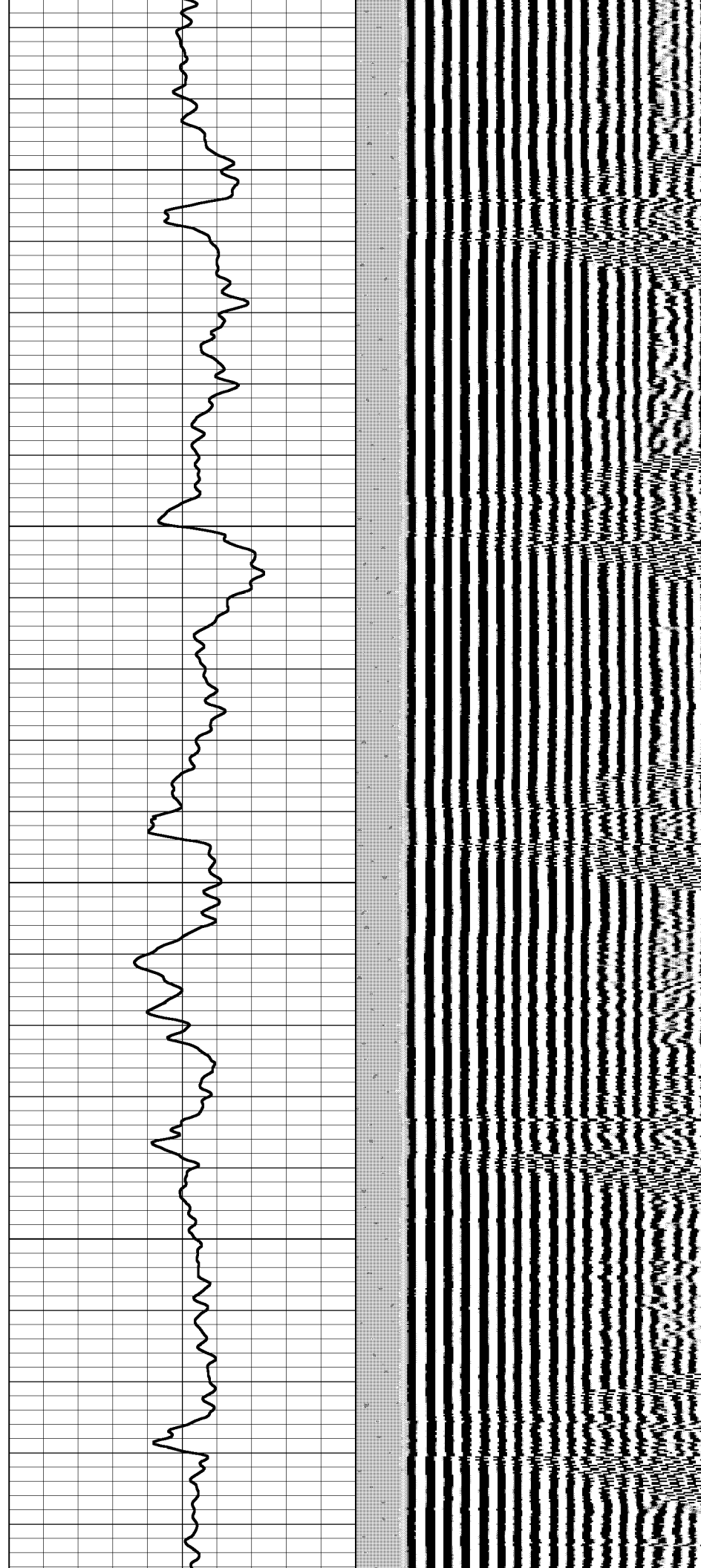
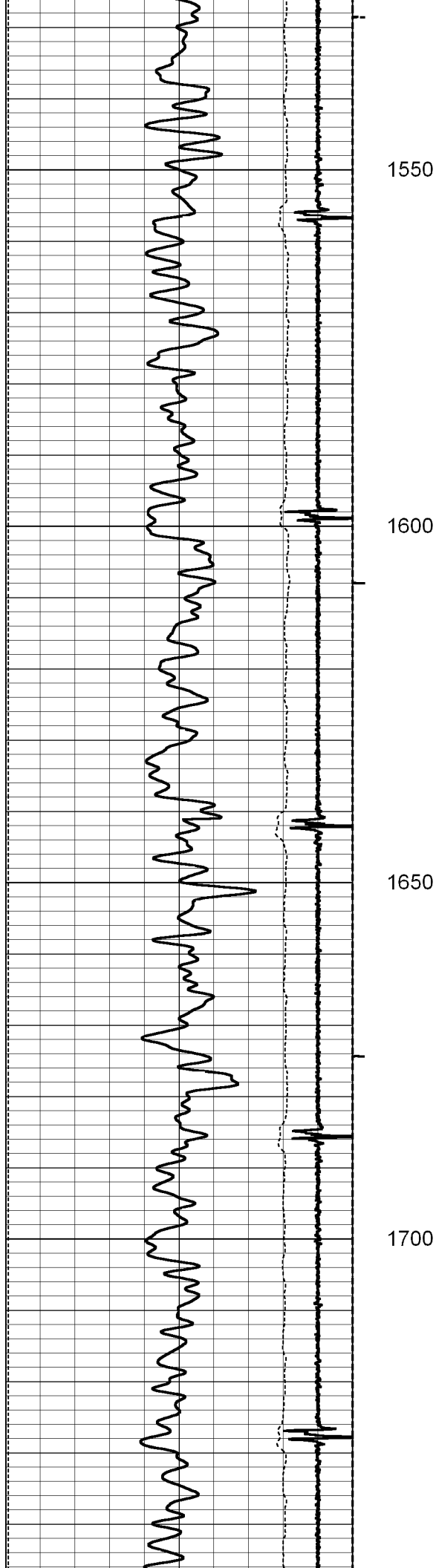
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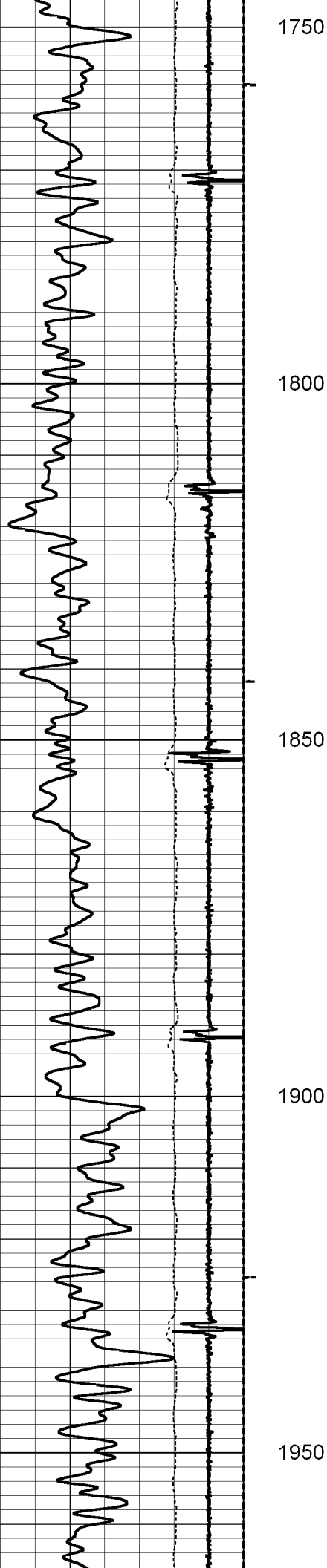
1050











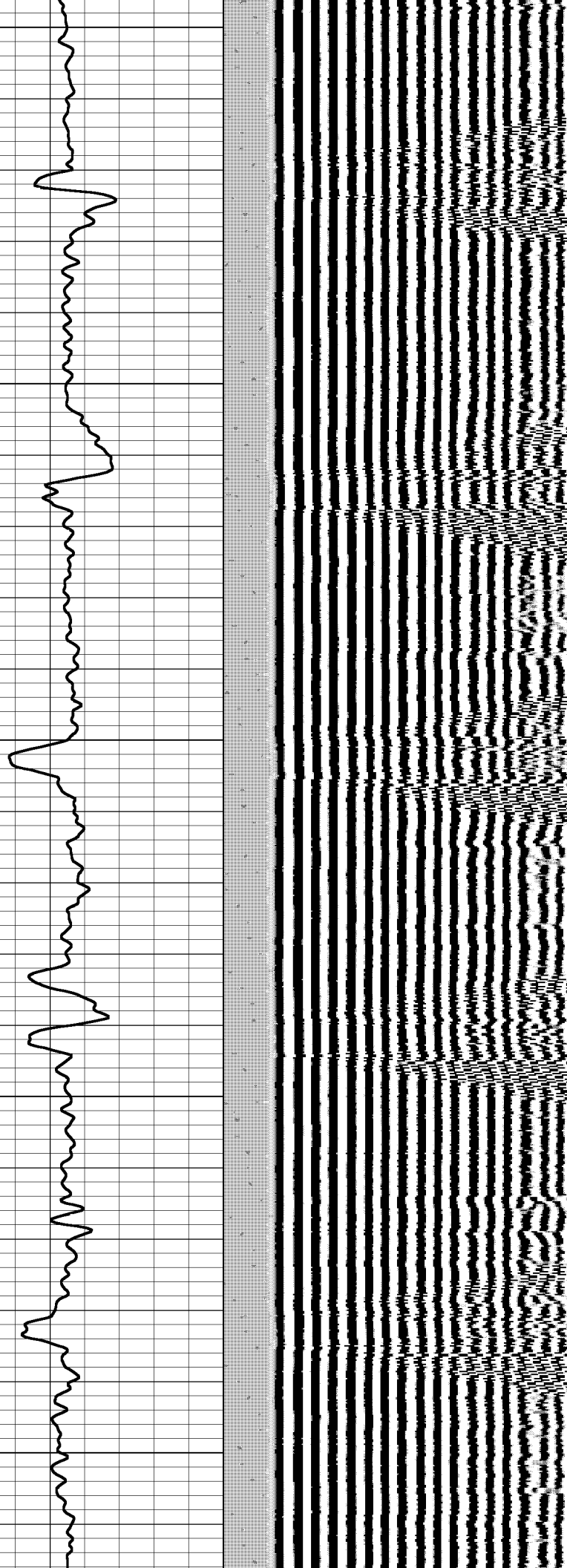
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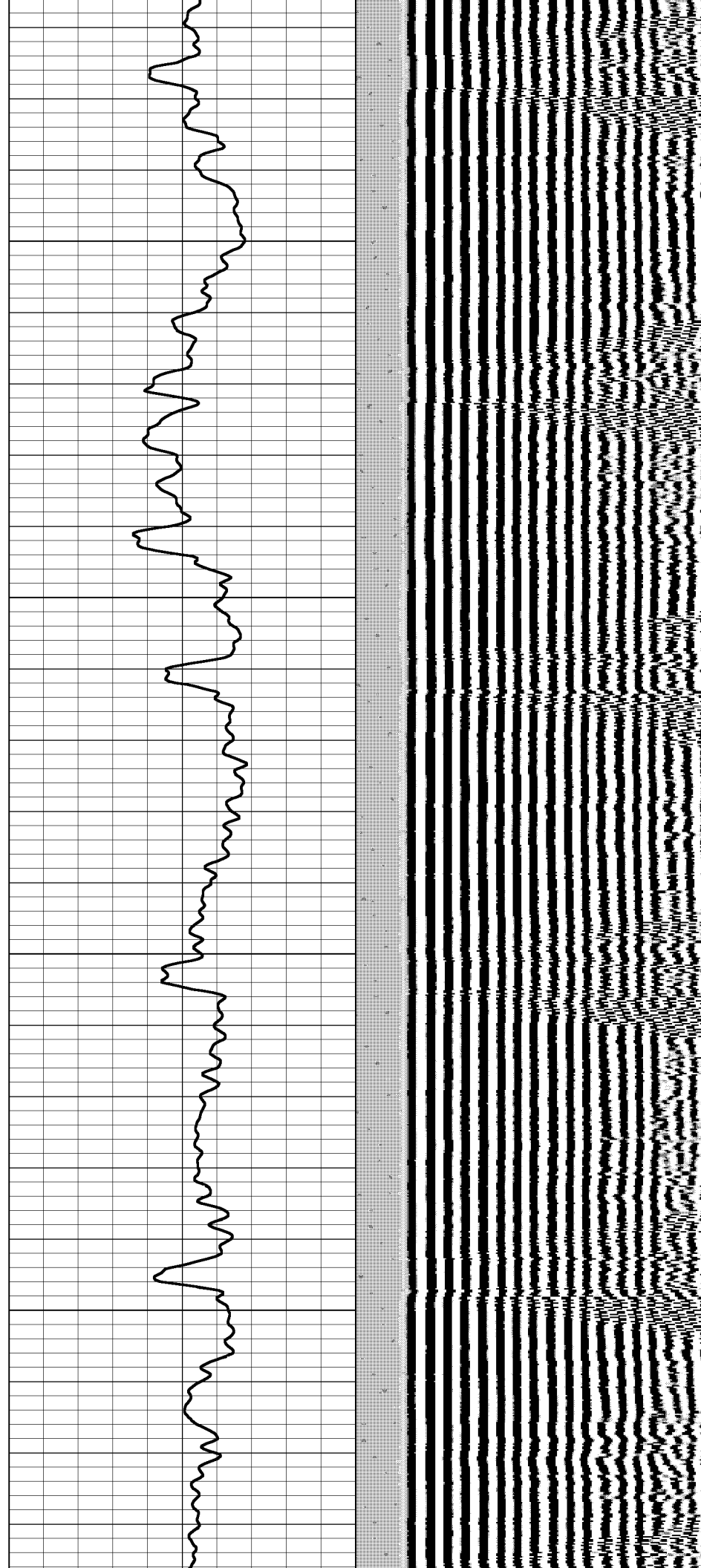
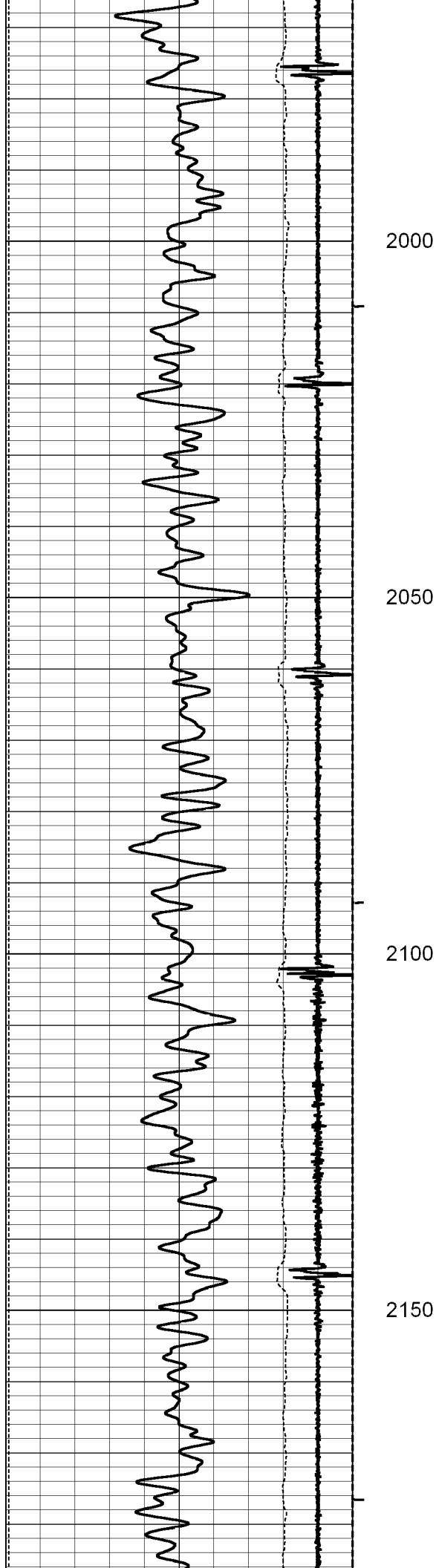
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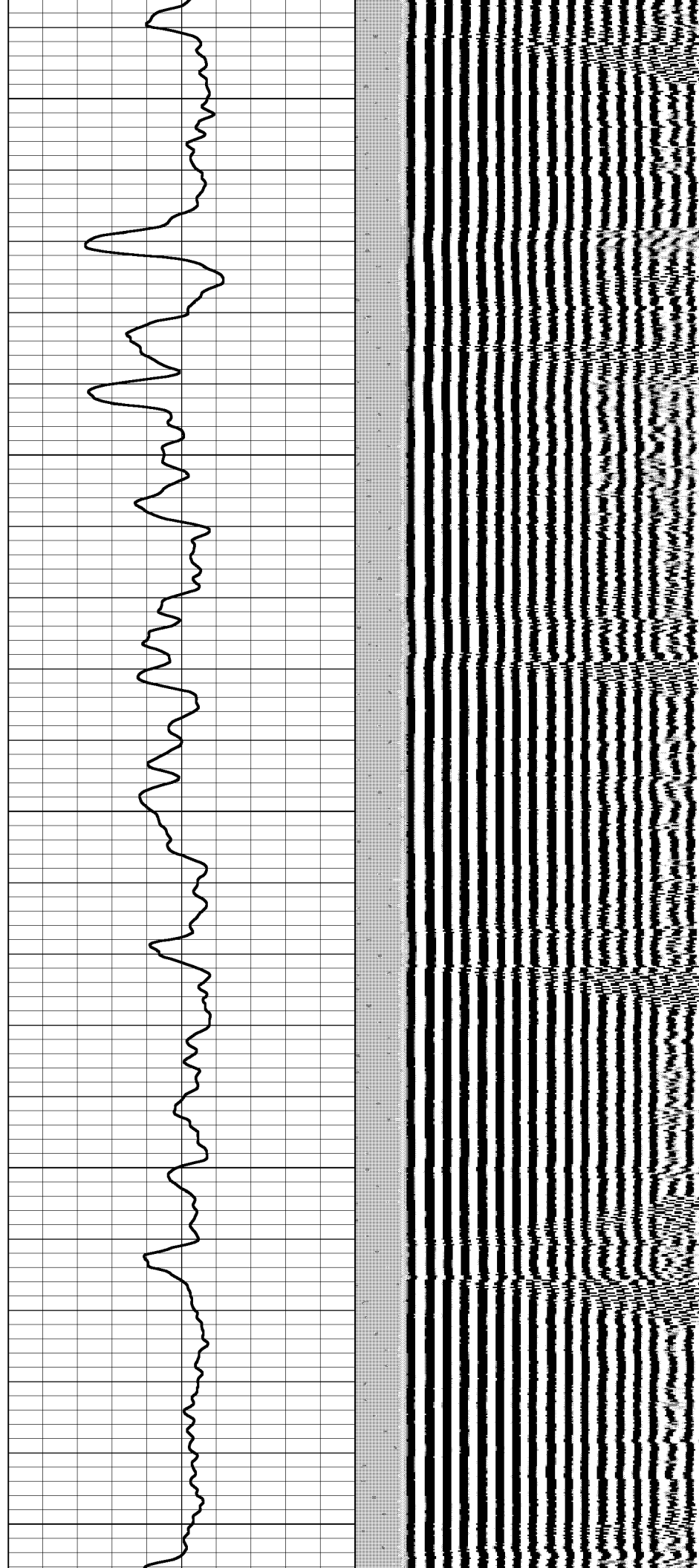
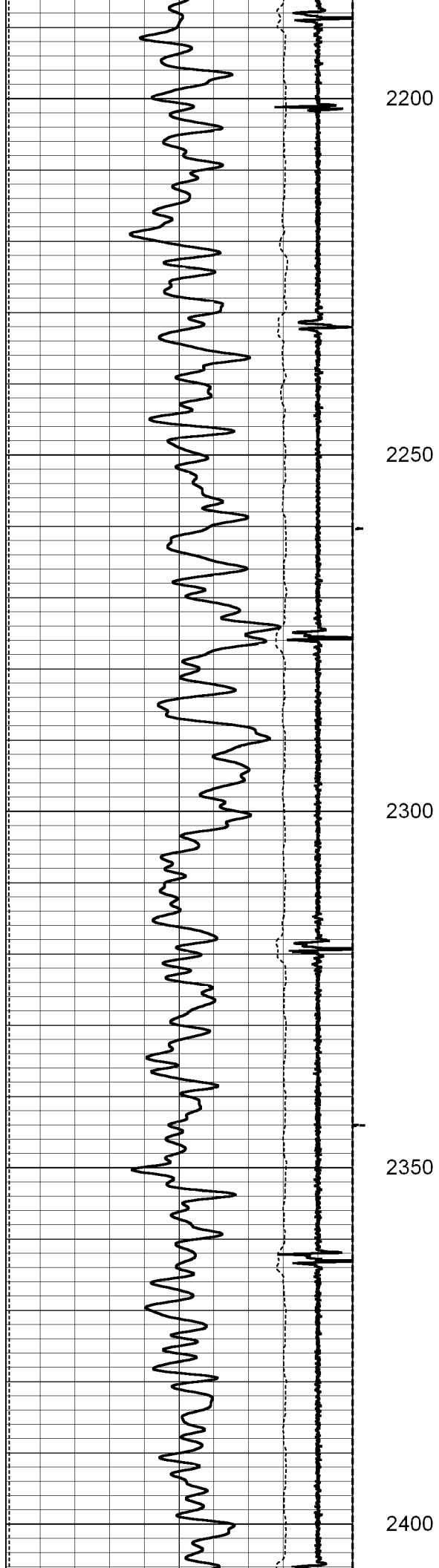
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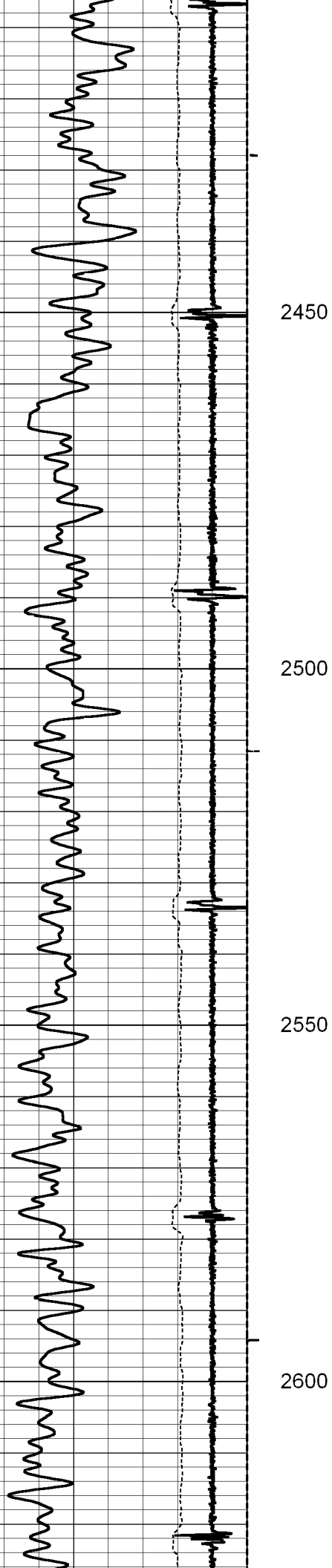
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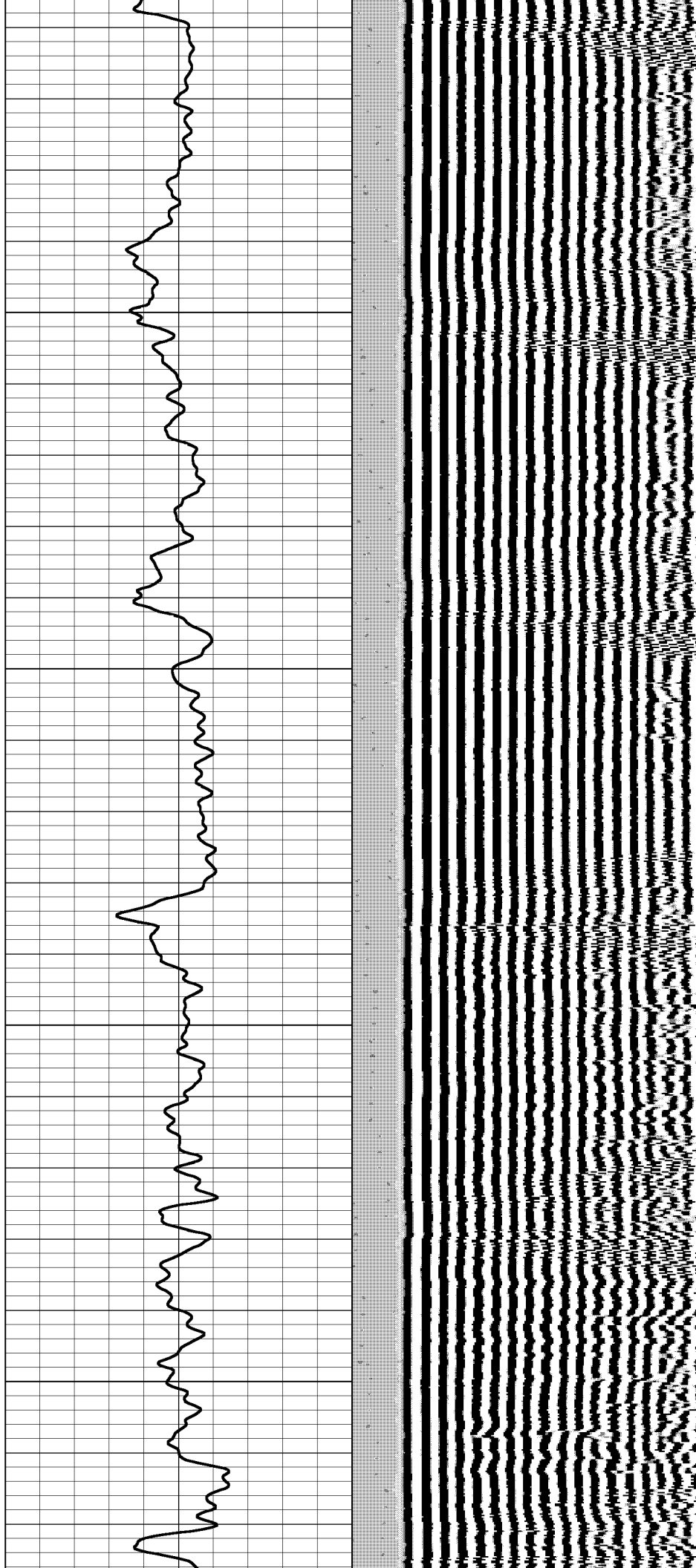


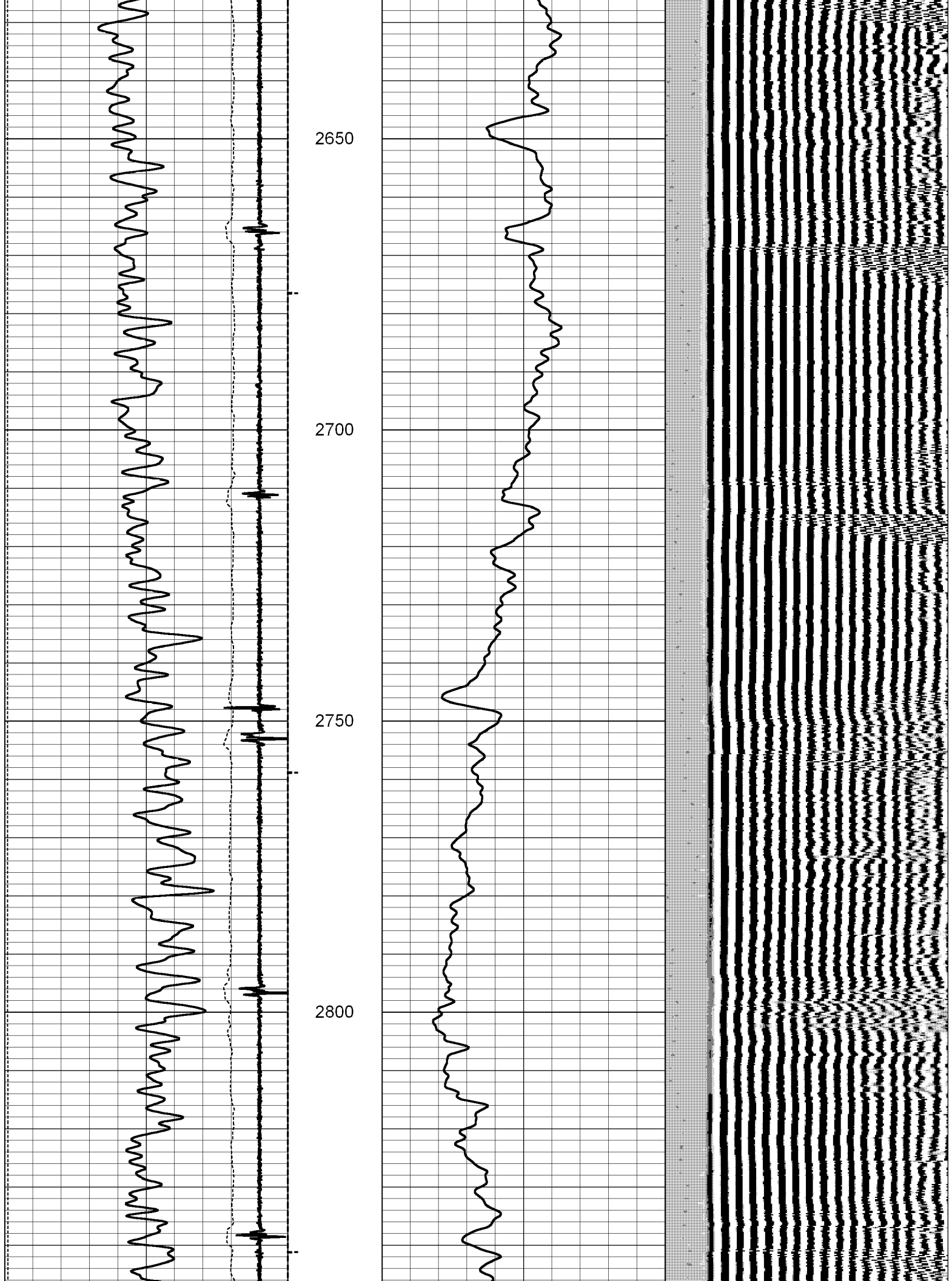
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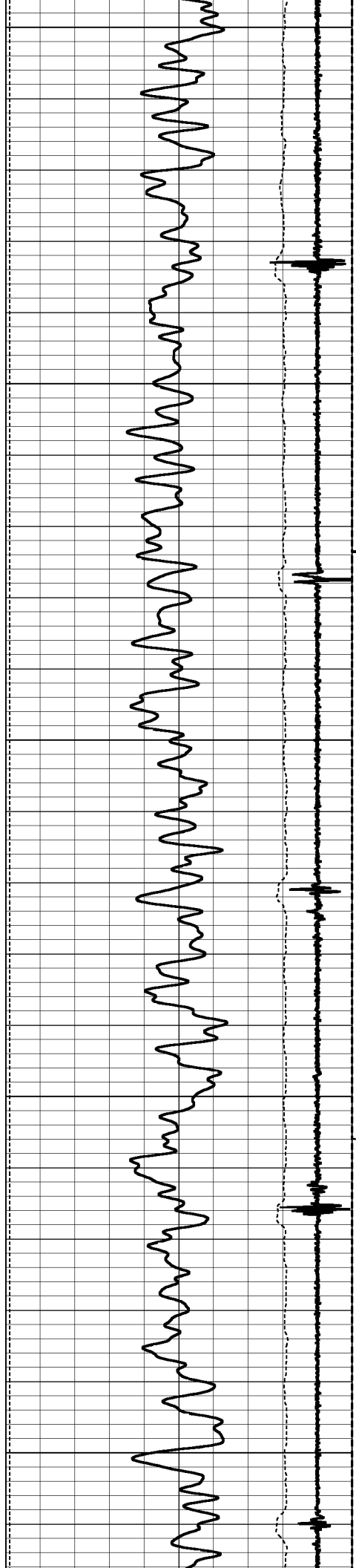
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2550

2600







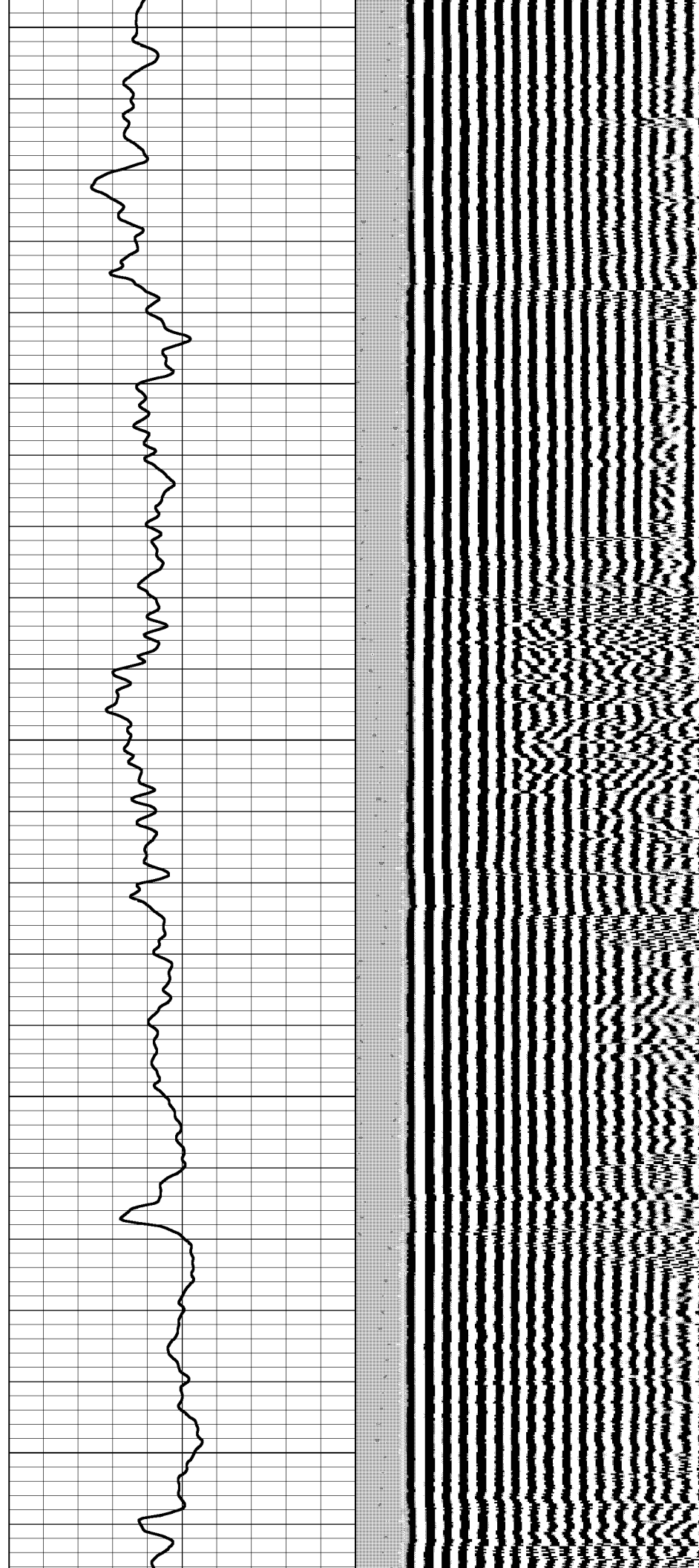
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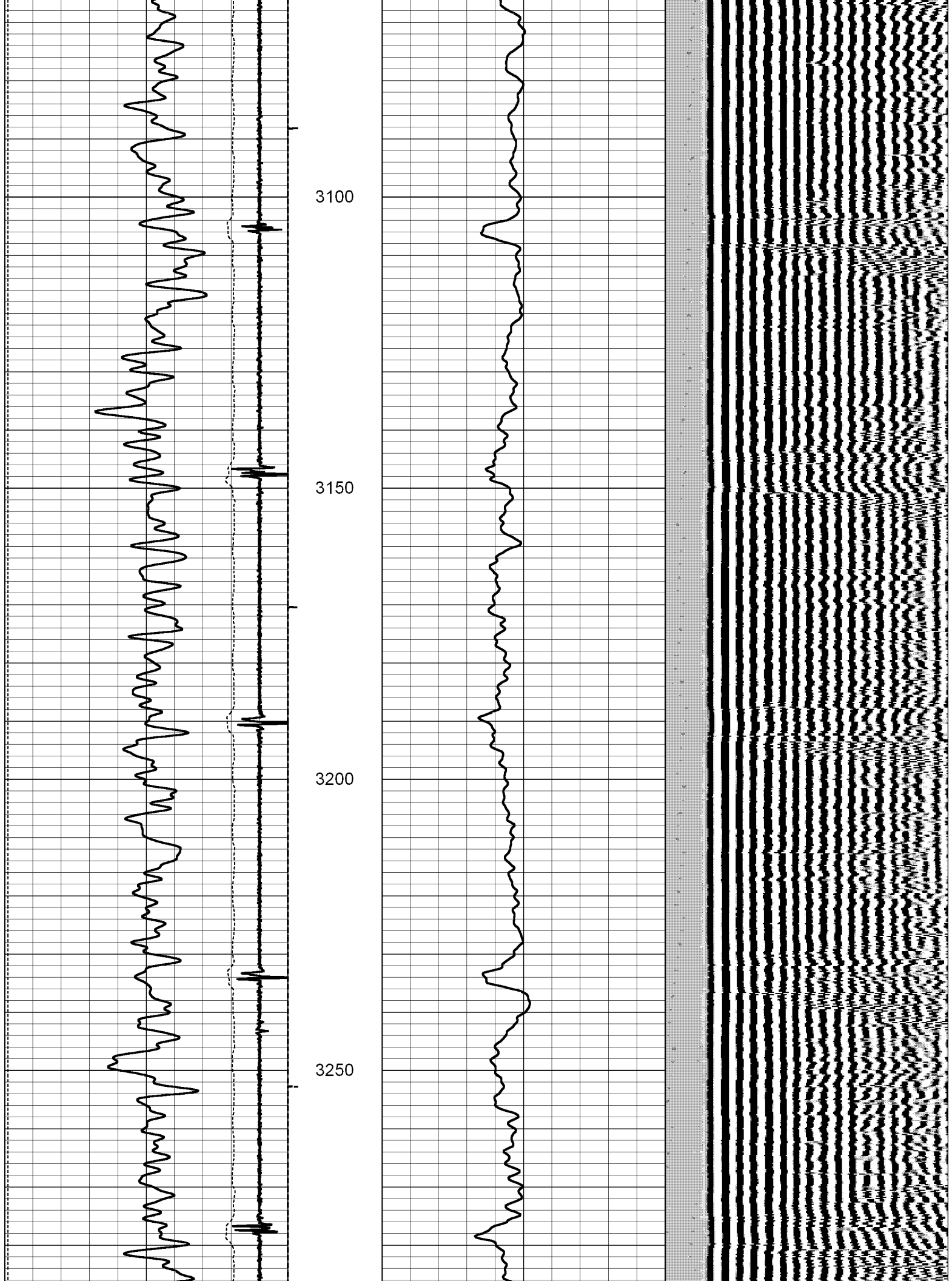
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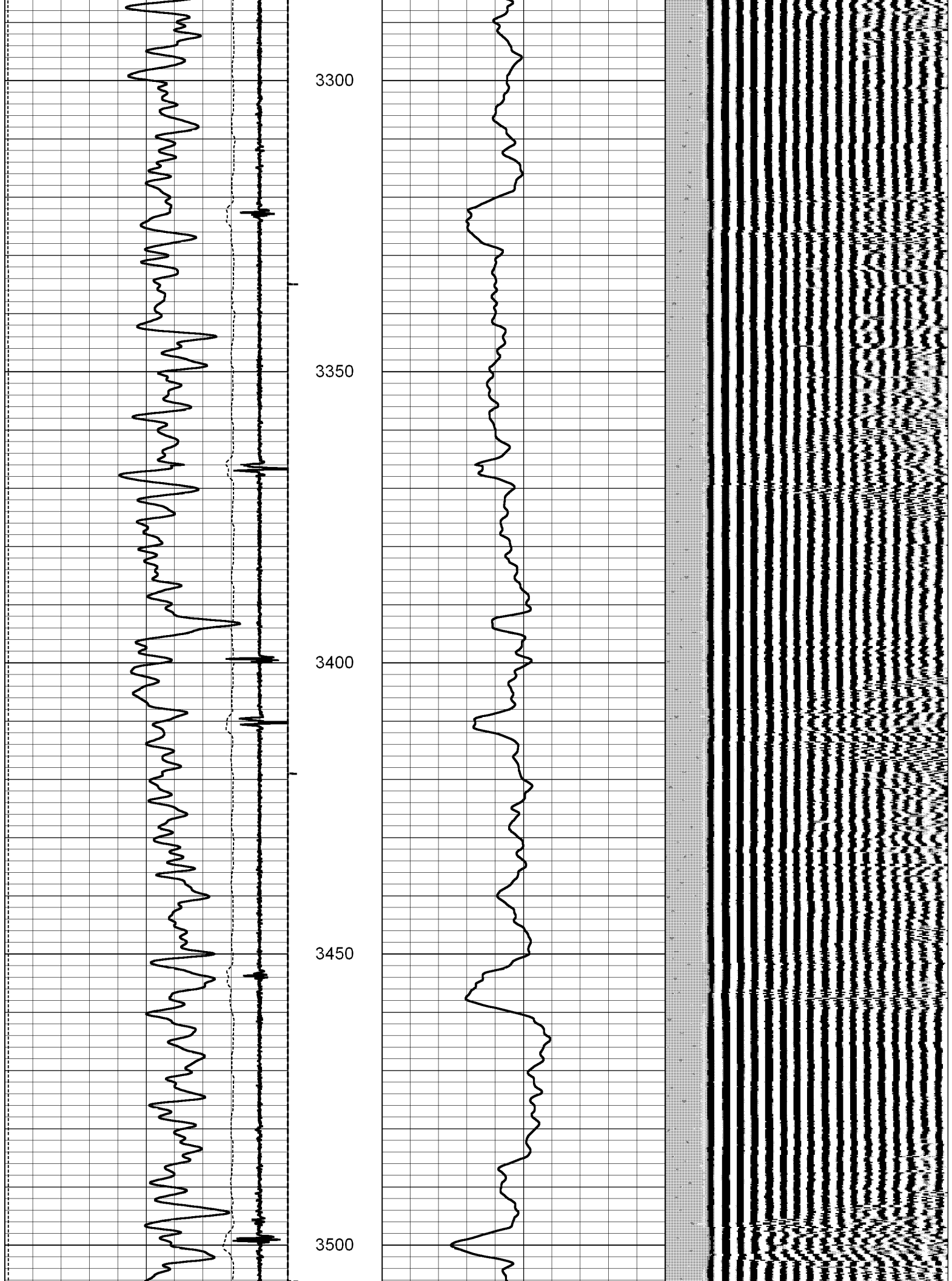
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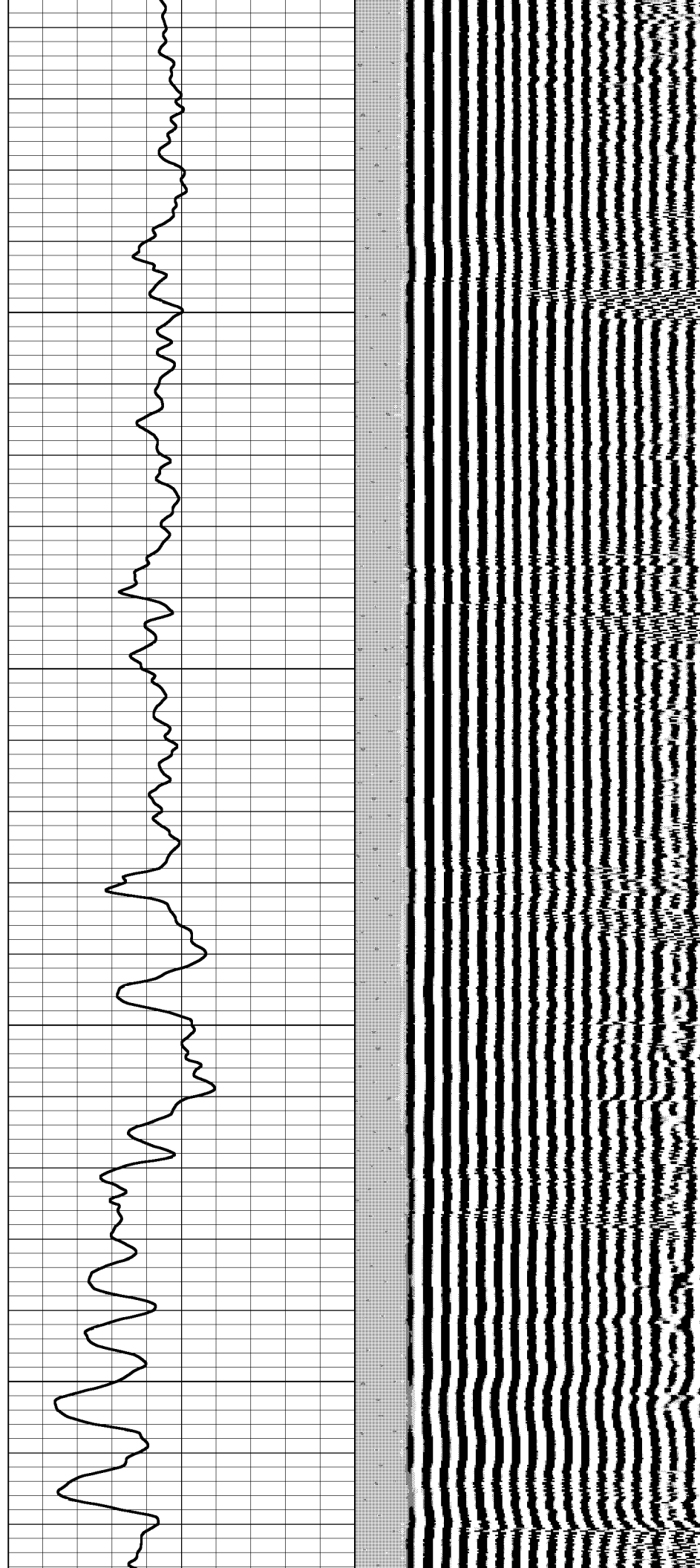
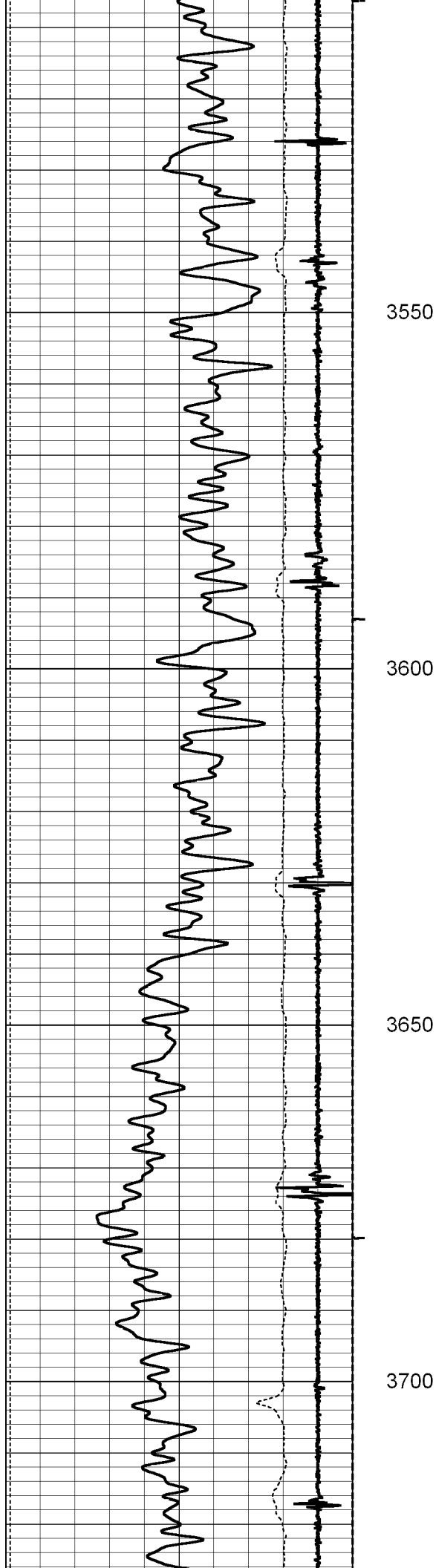
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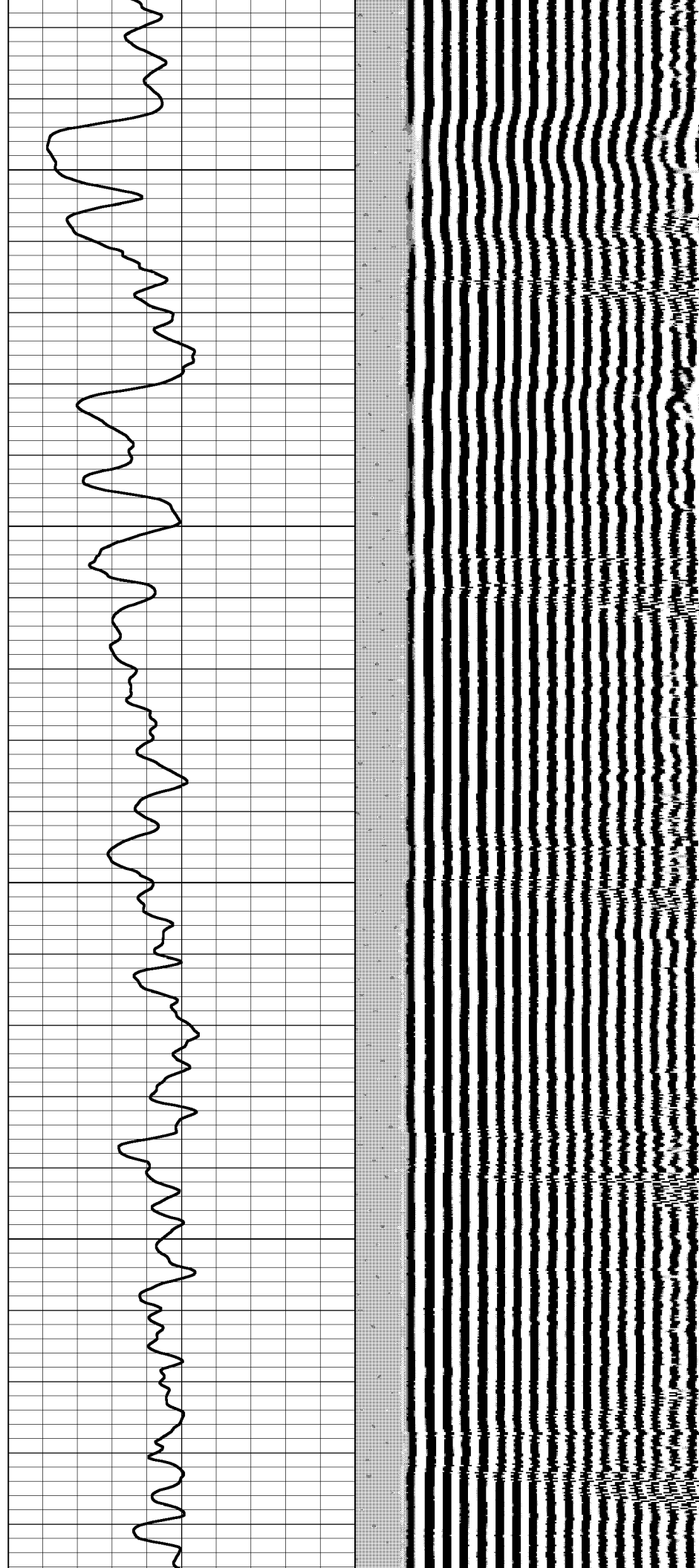


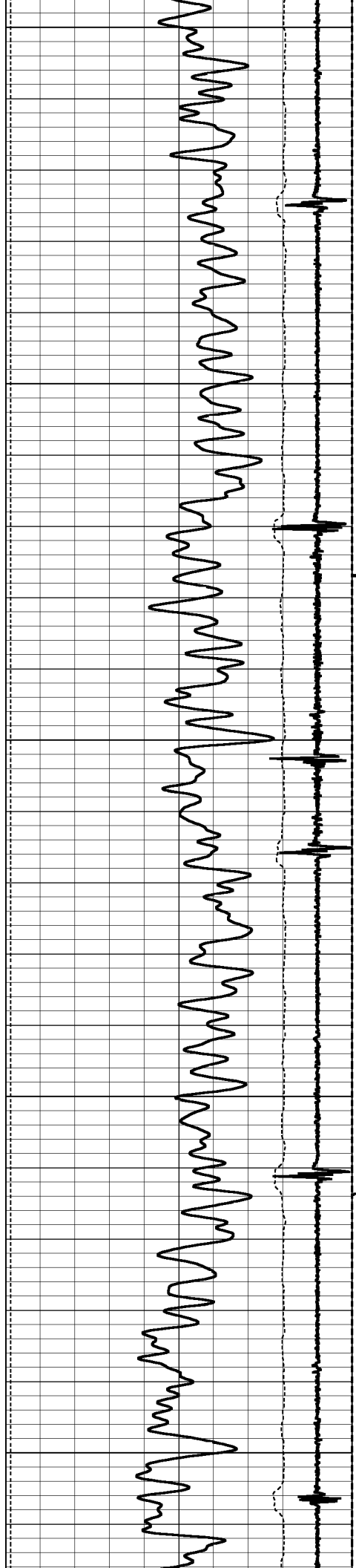
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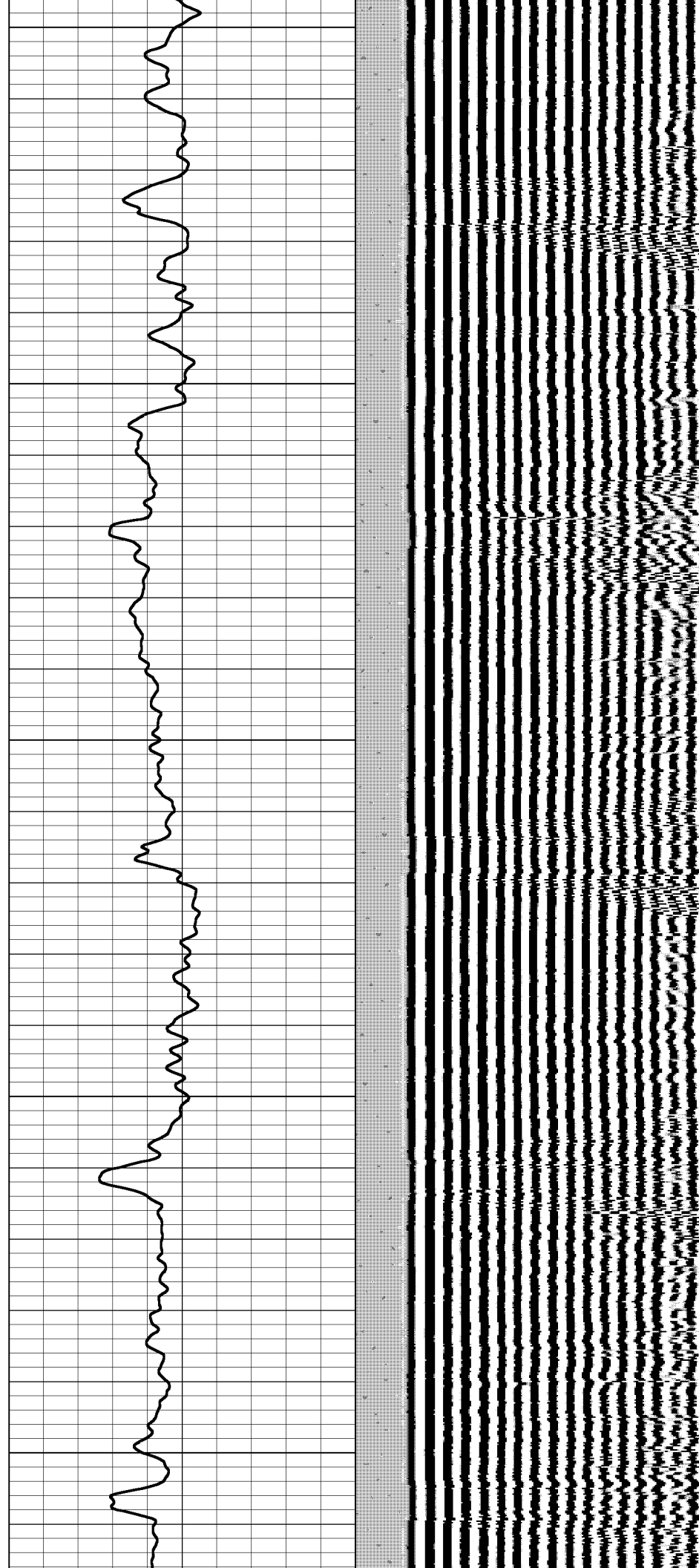
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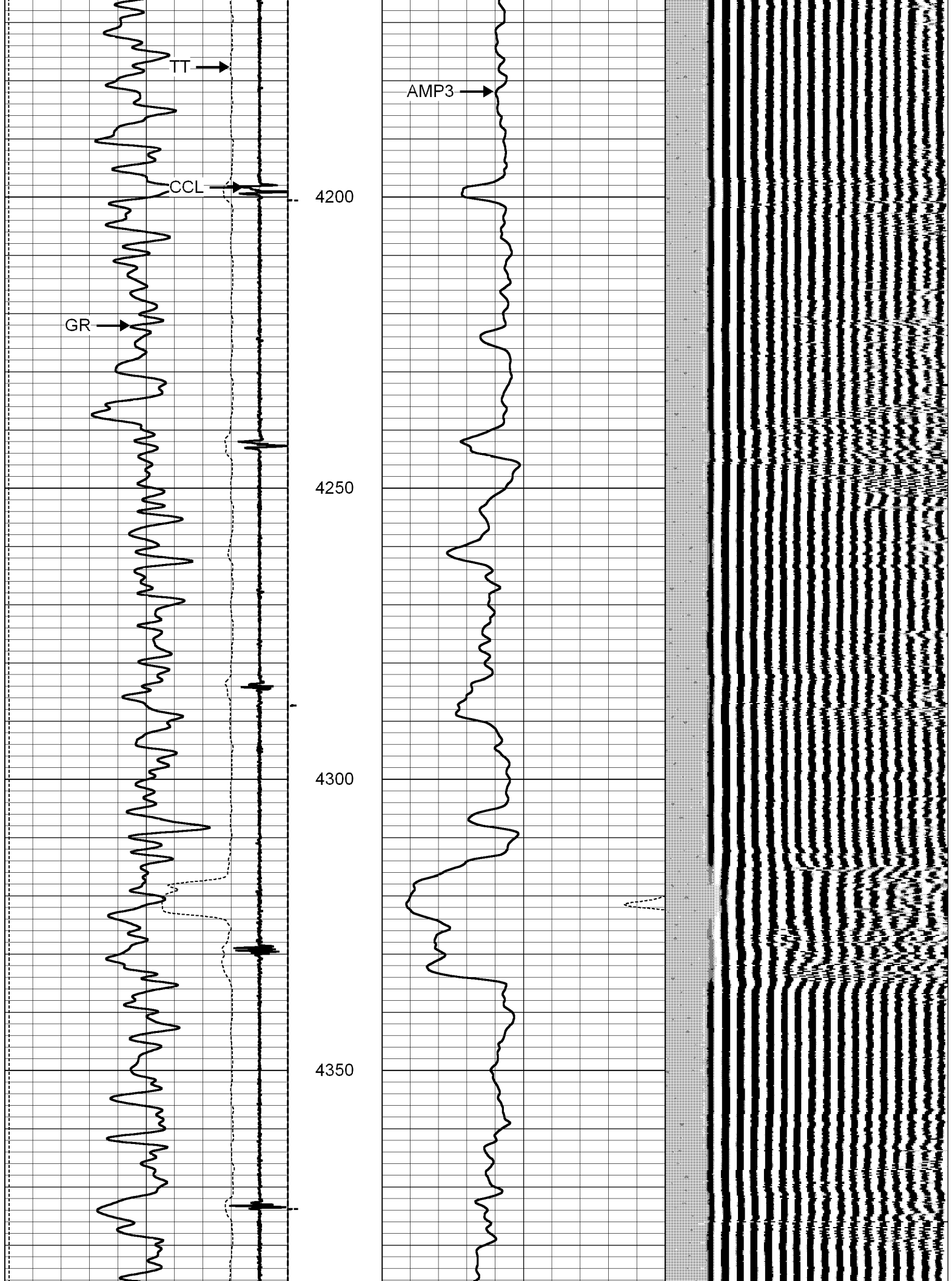
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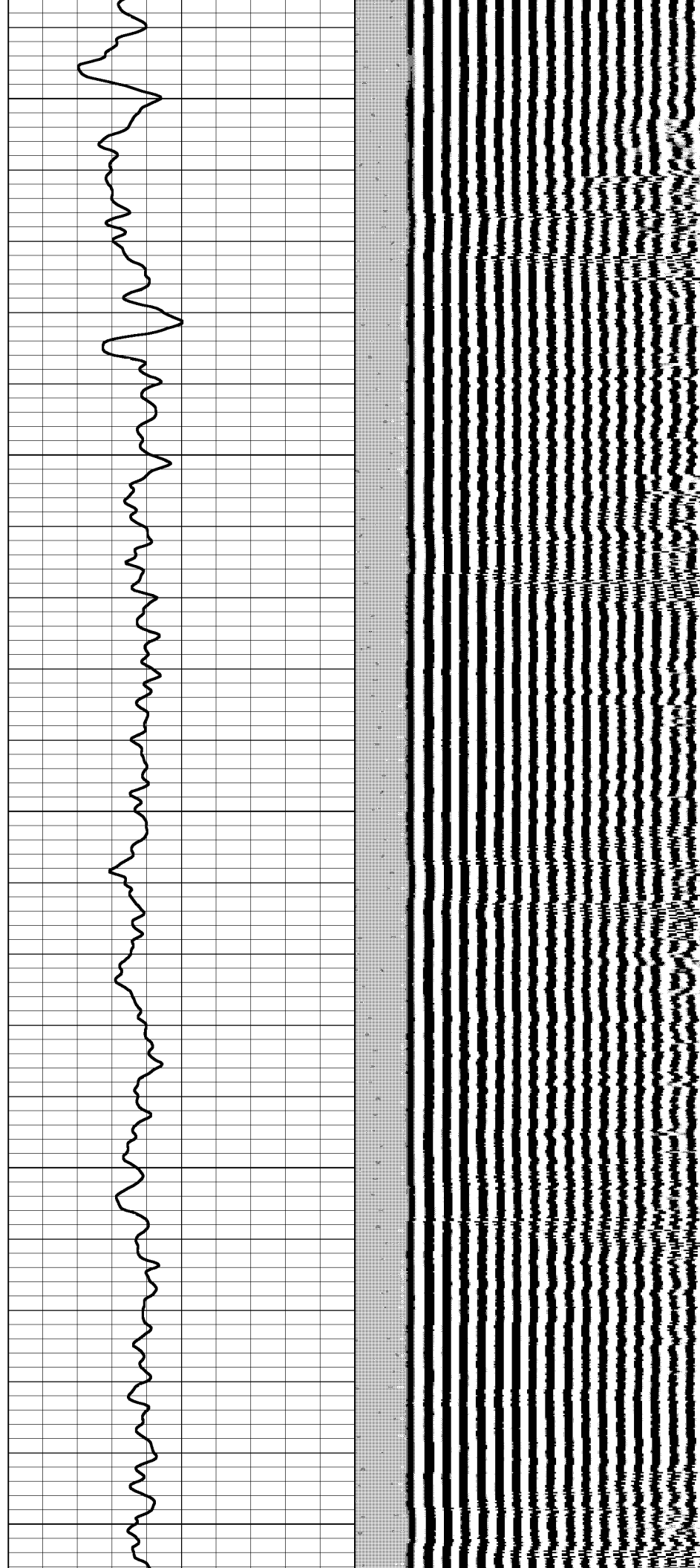
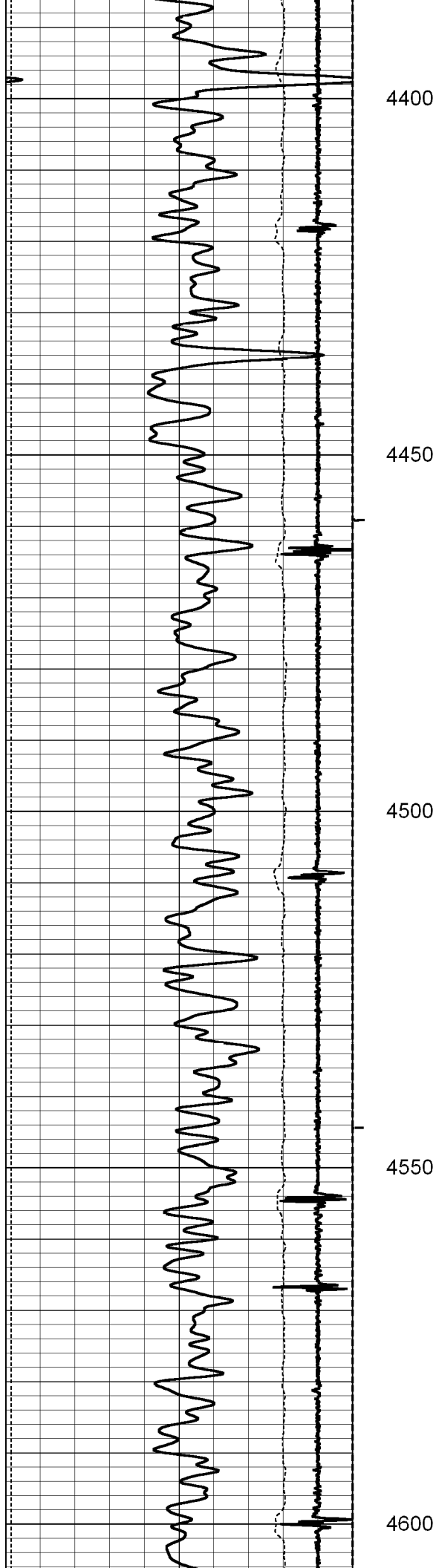
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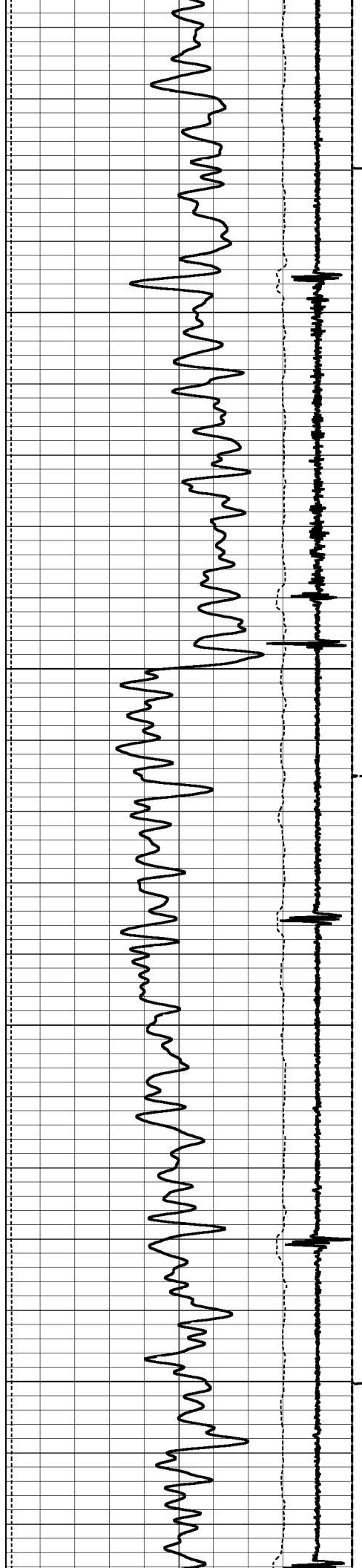
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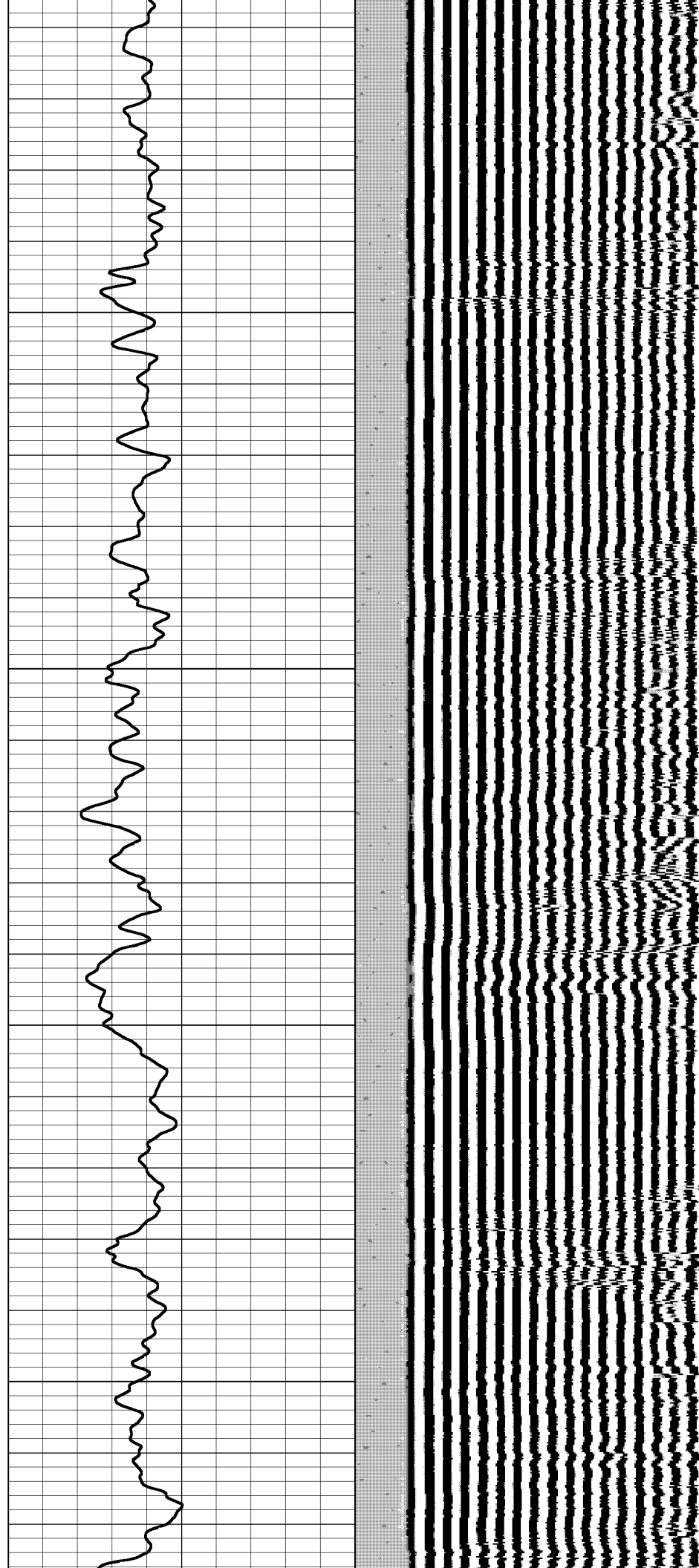


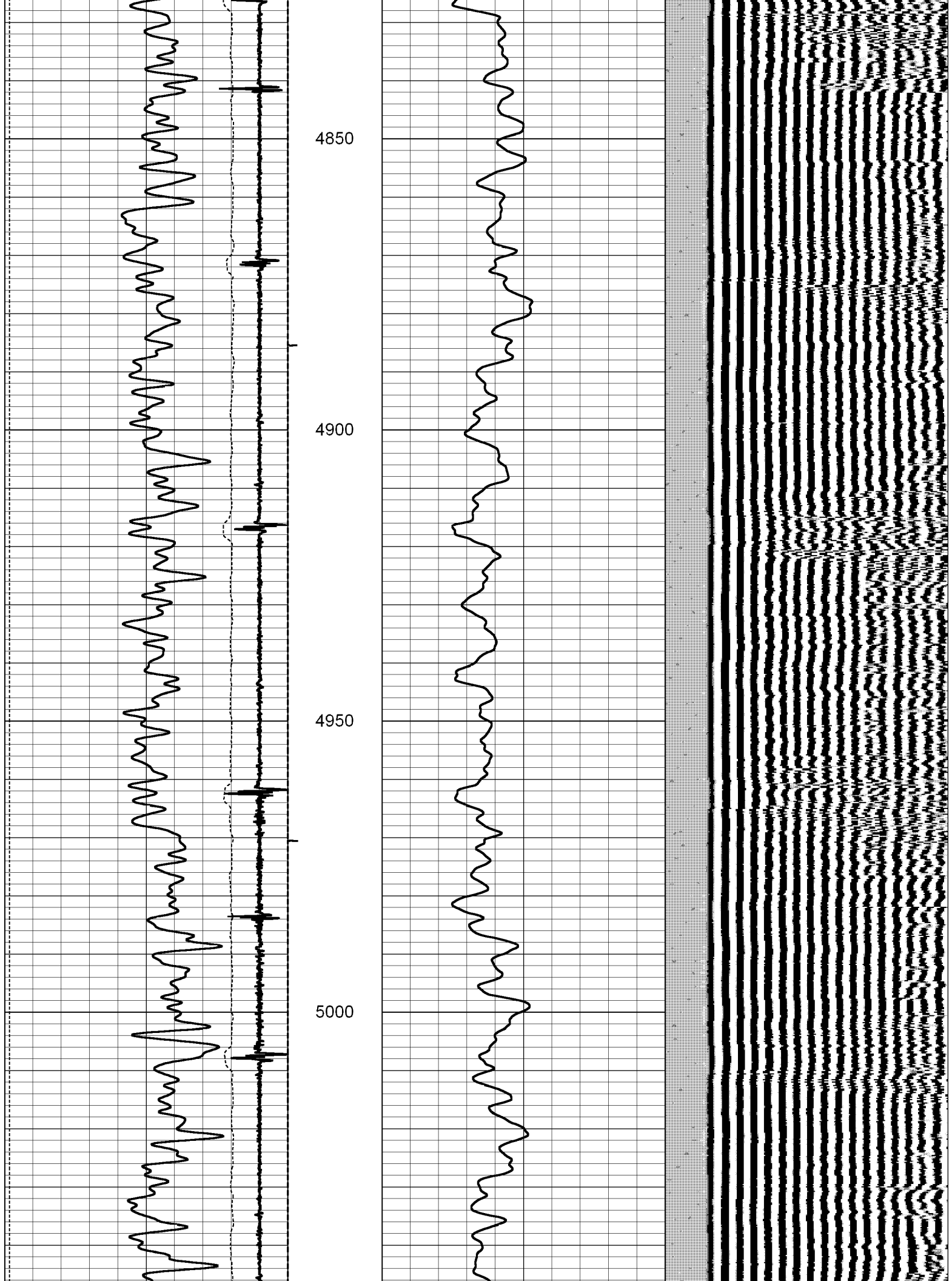
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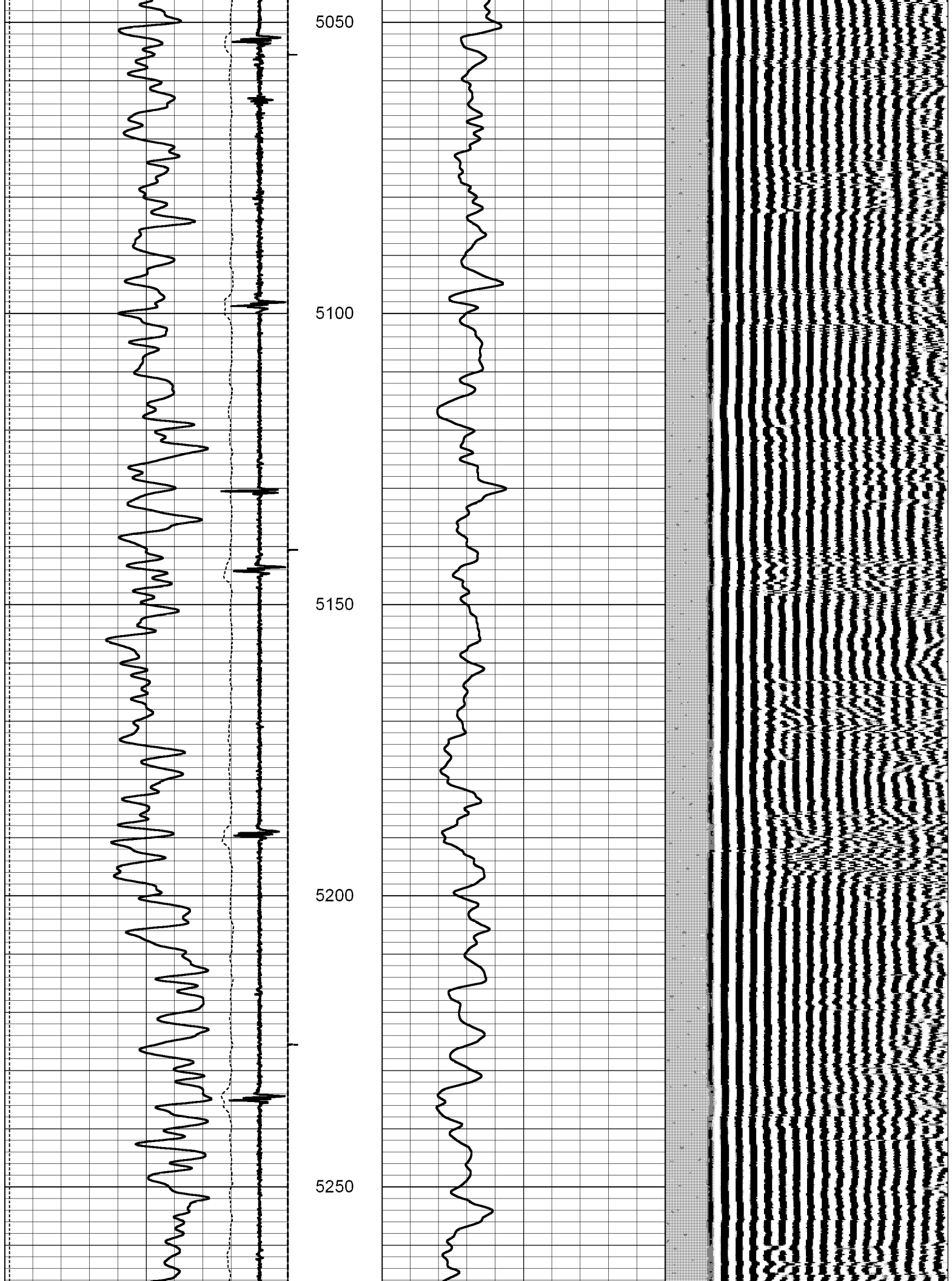
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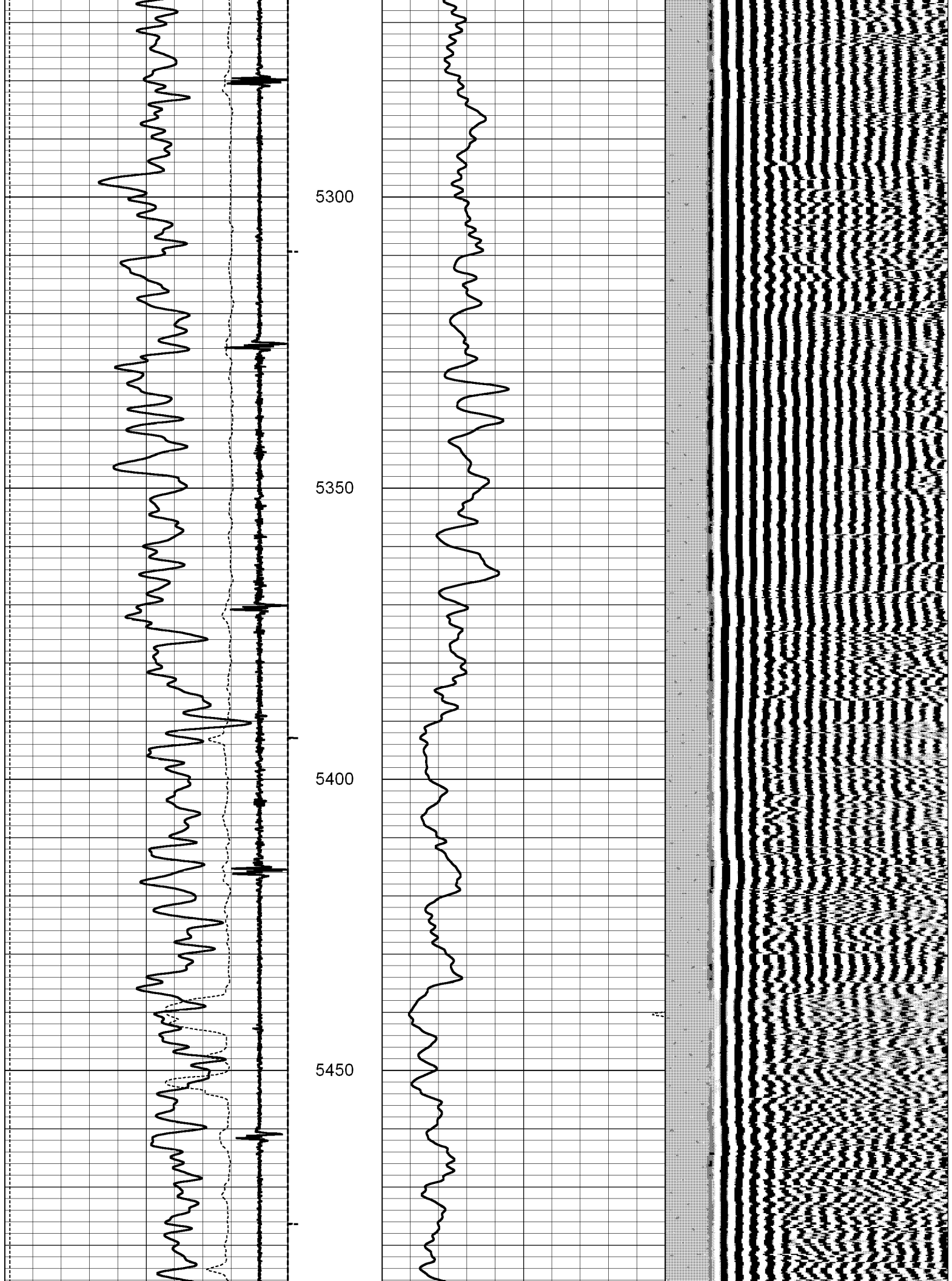
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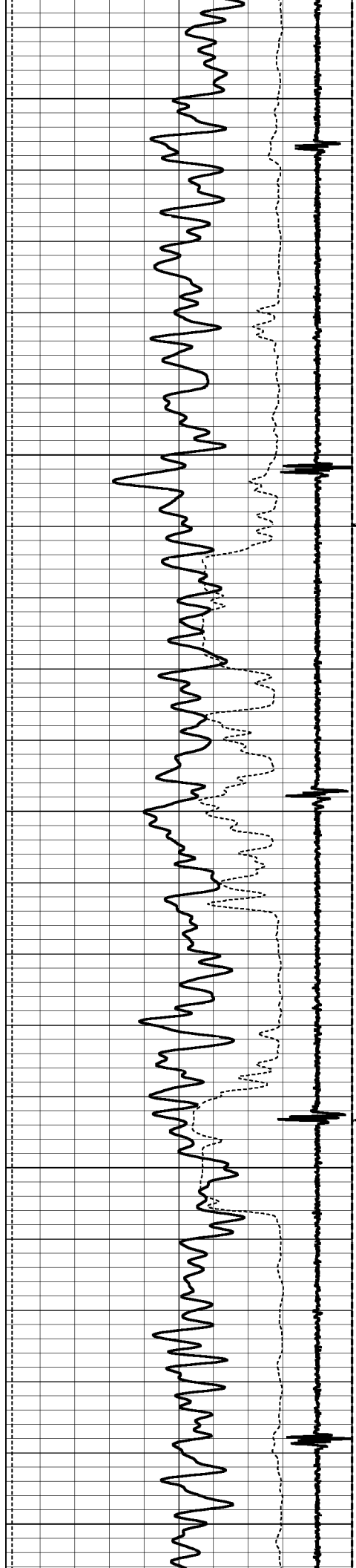
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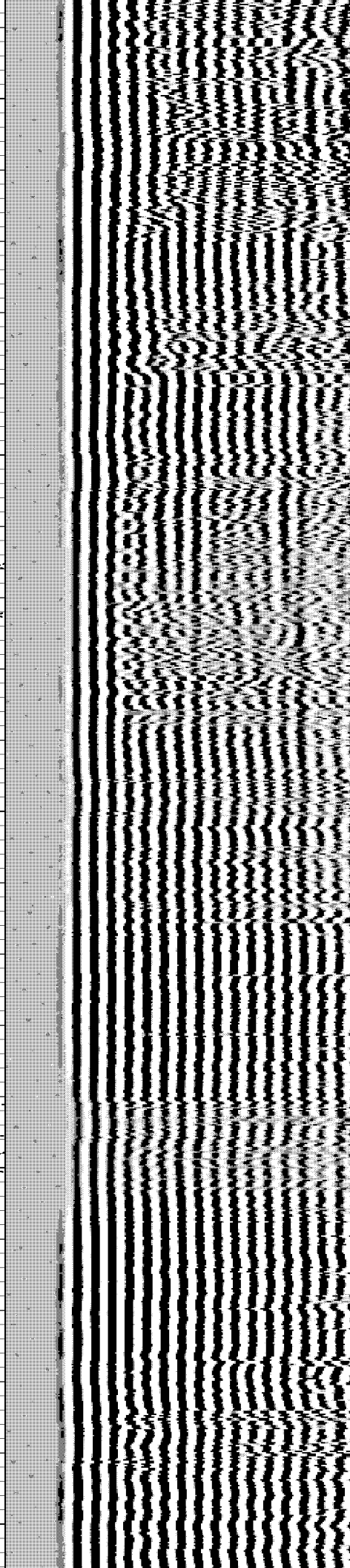
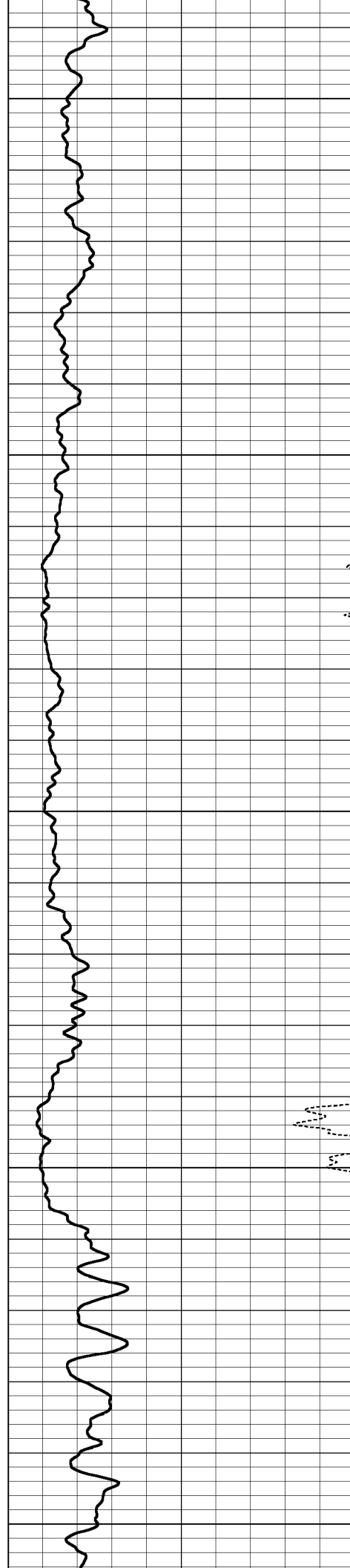
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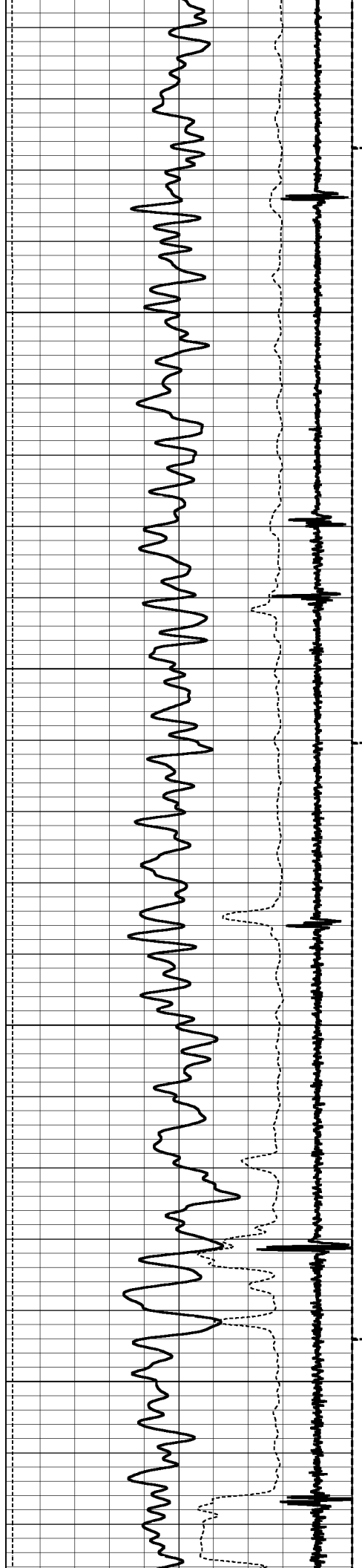
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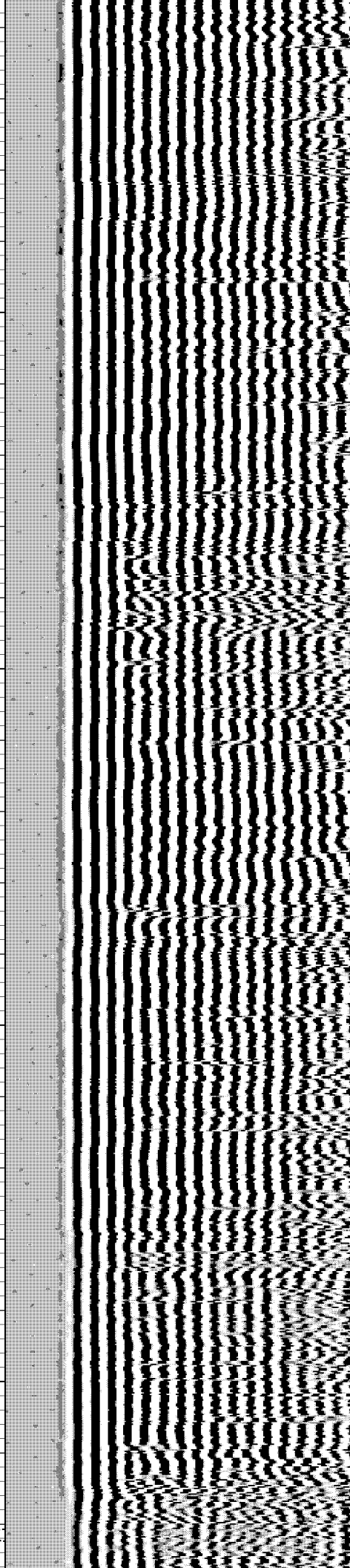
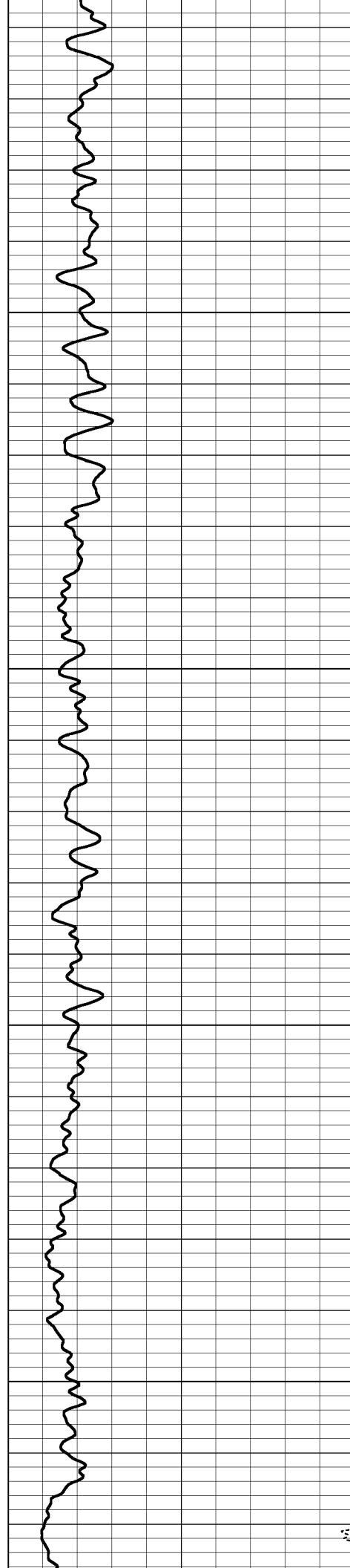


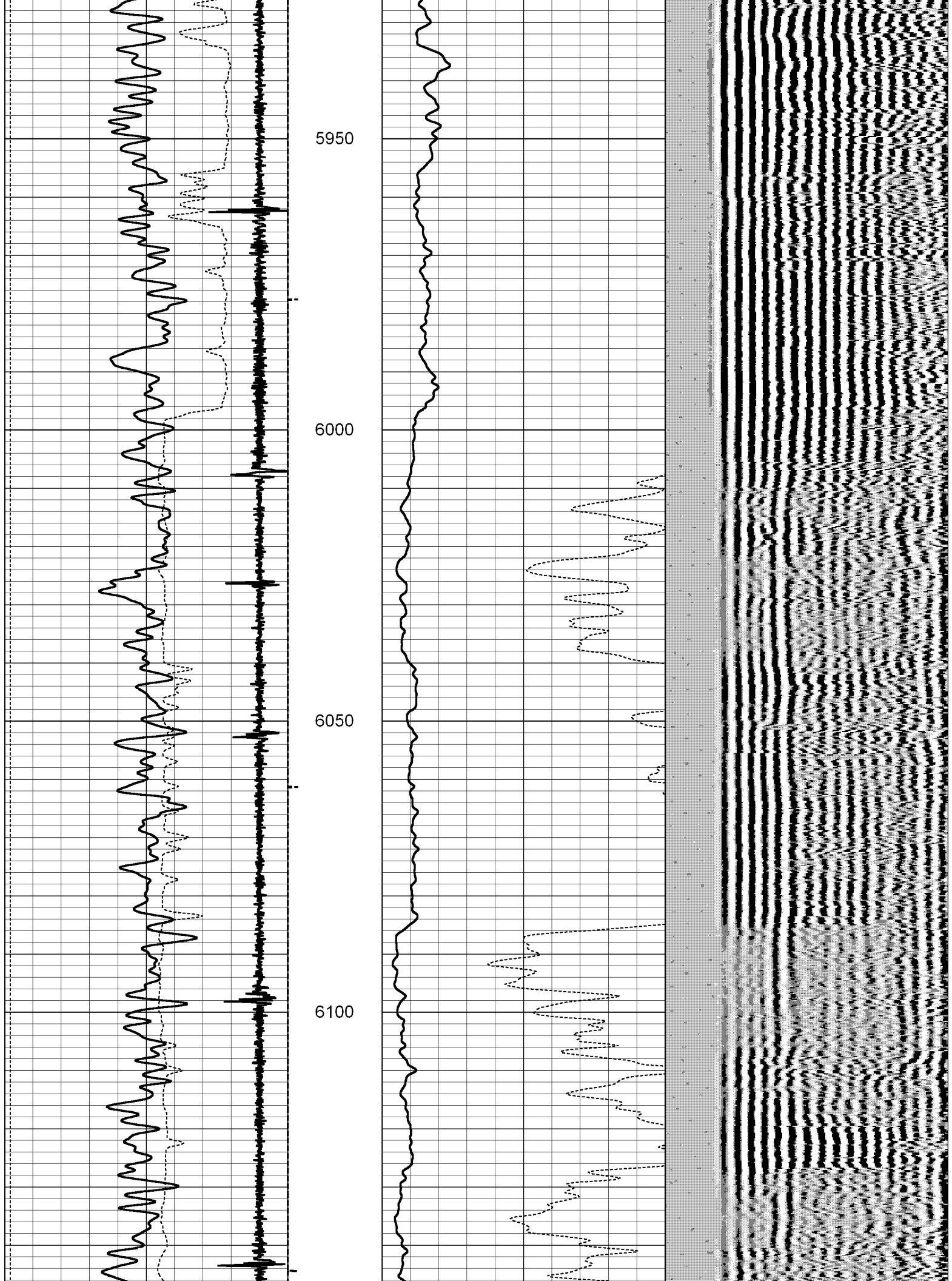
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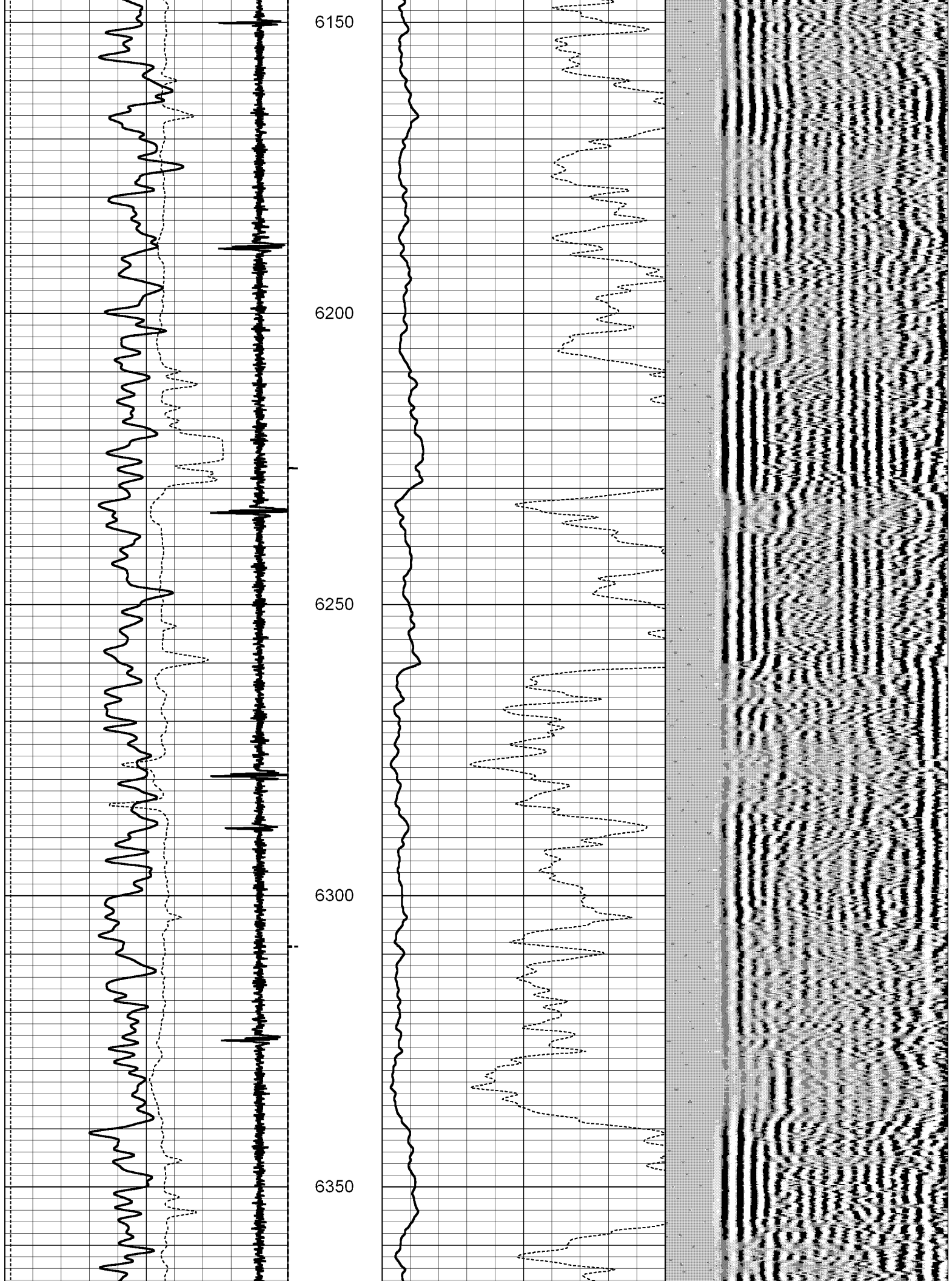
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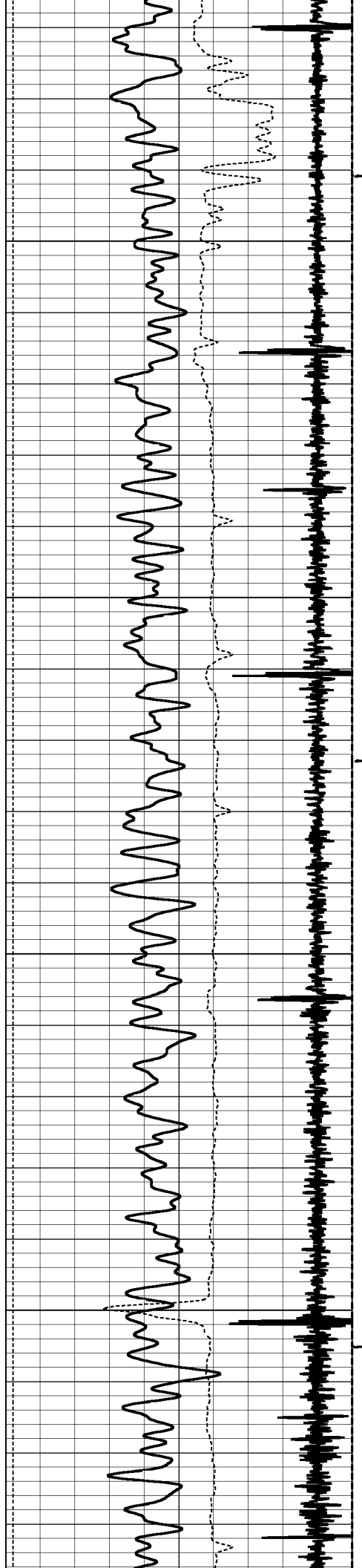
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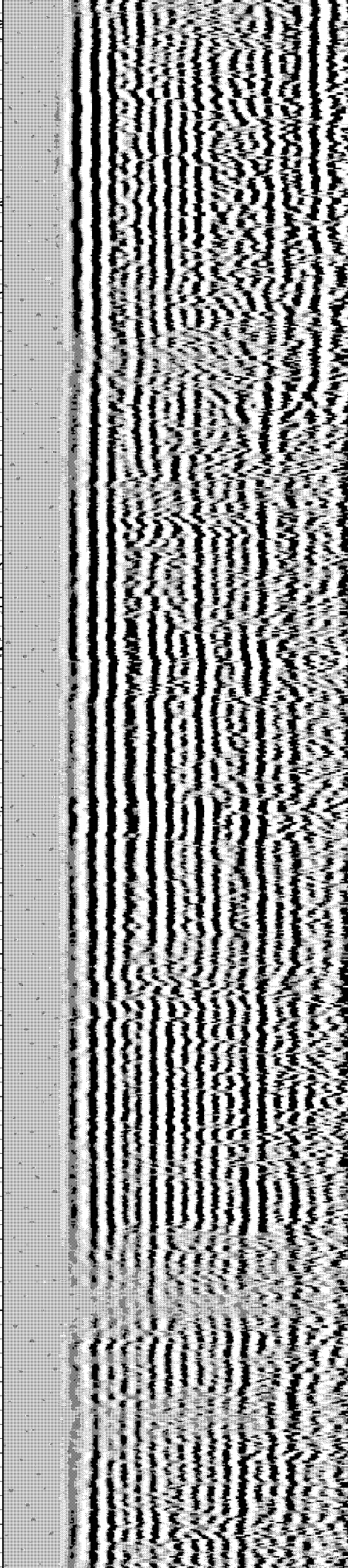
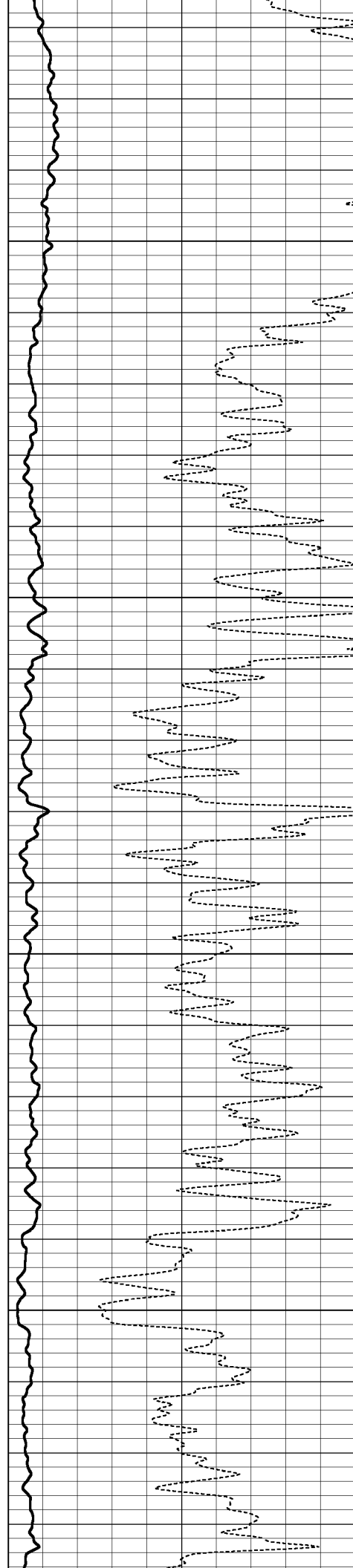


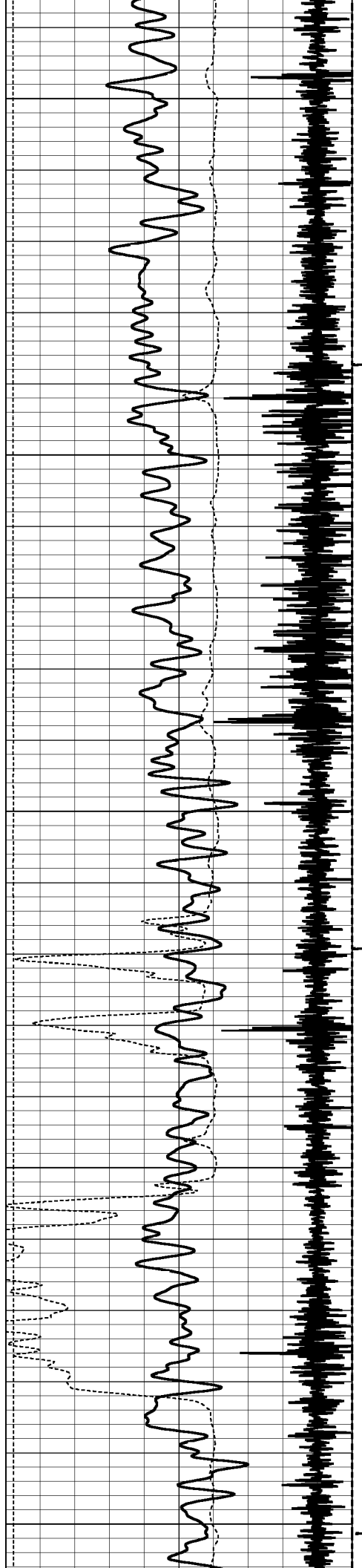
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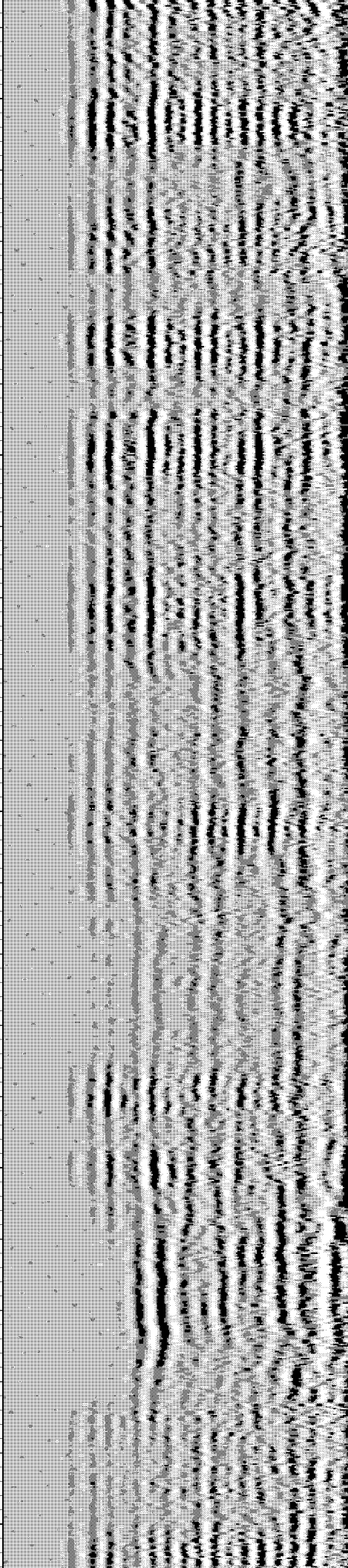
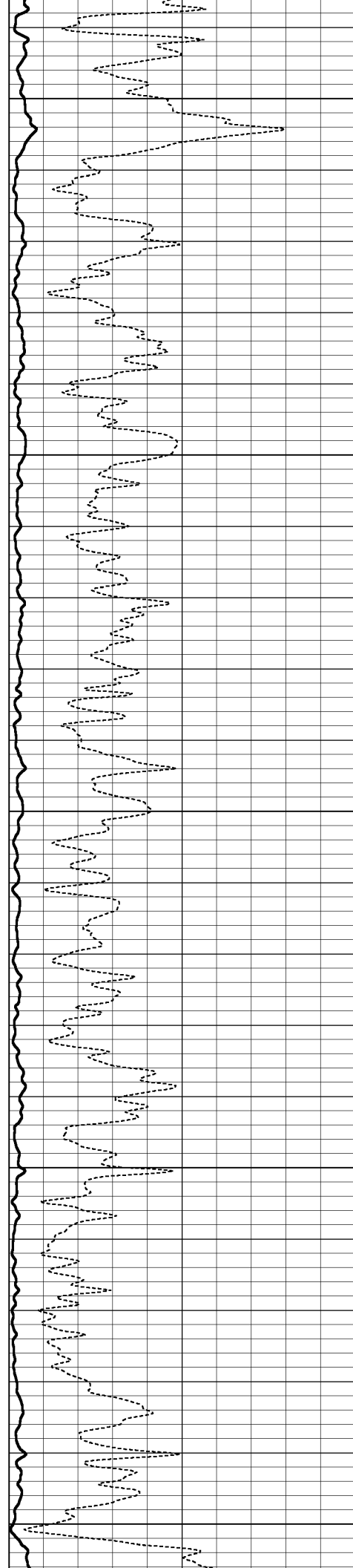
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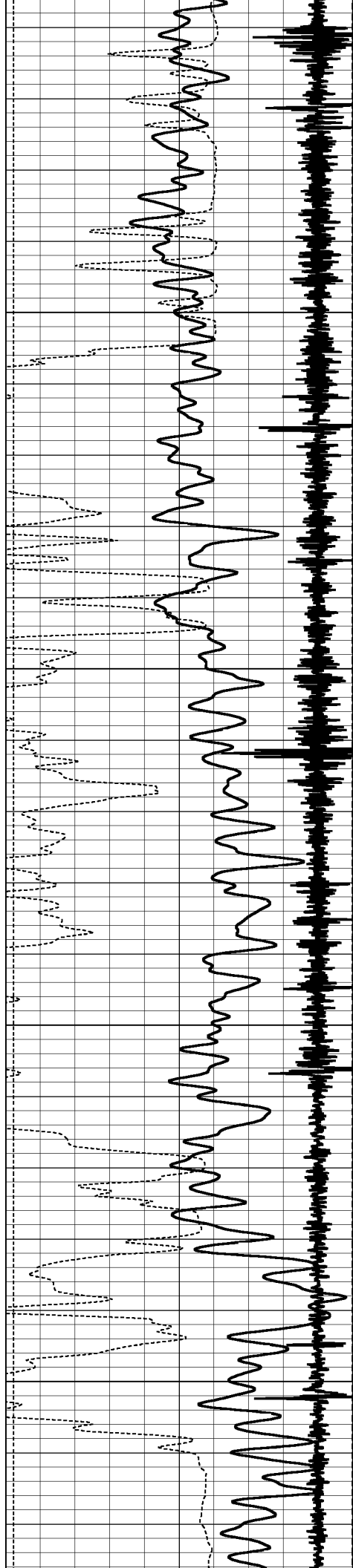
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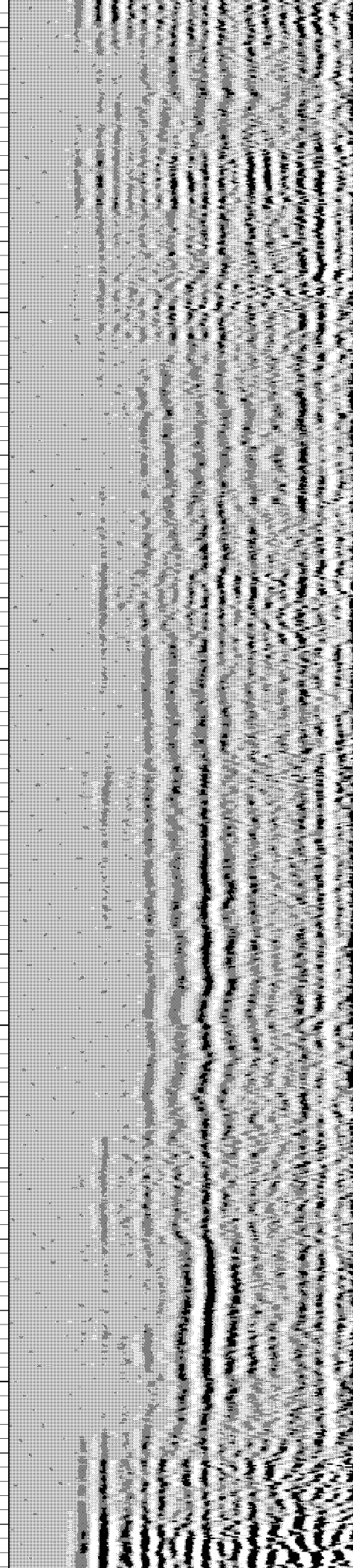
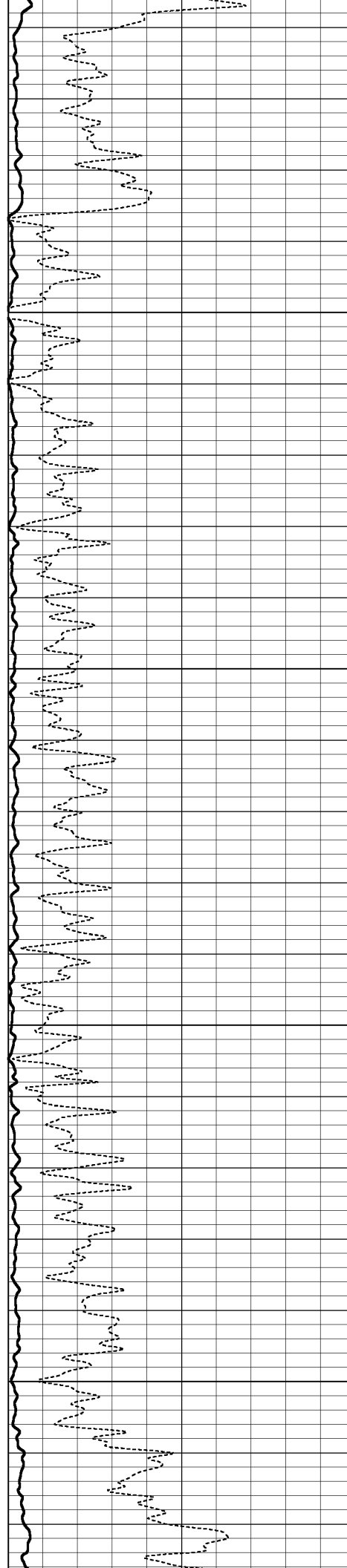


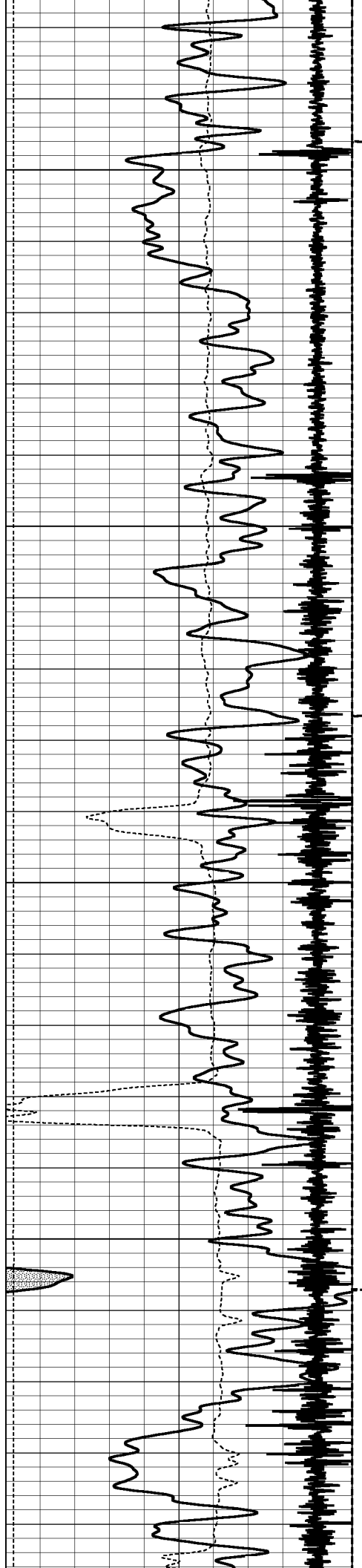
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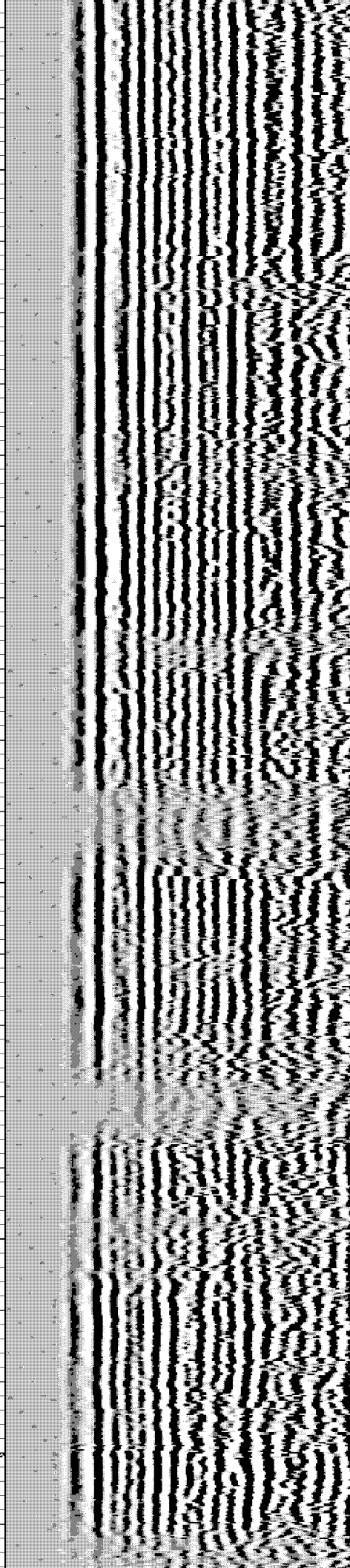
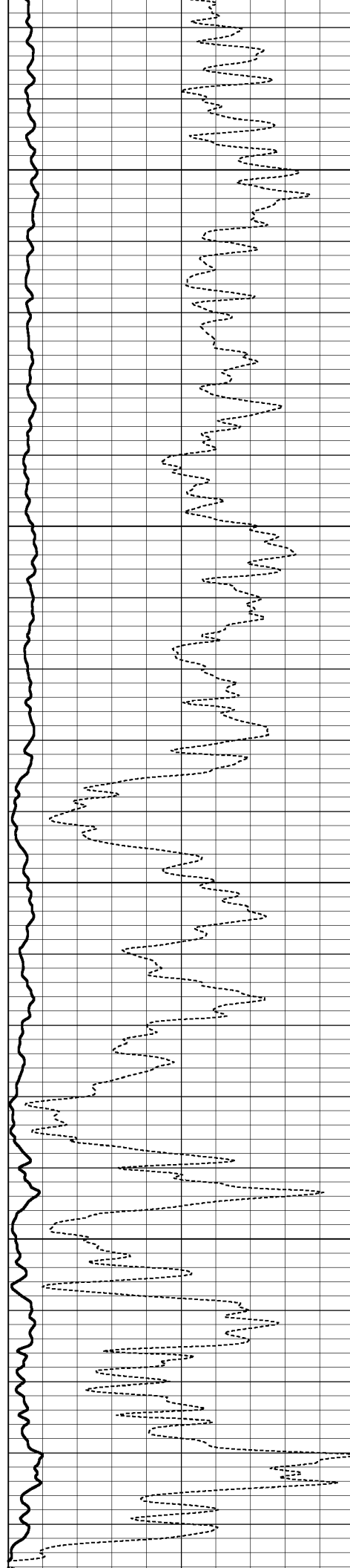


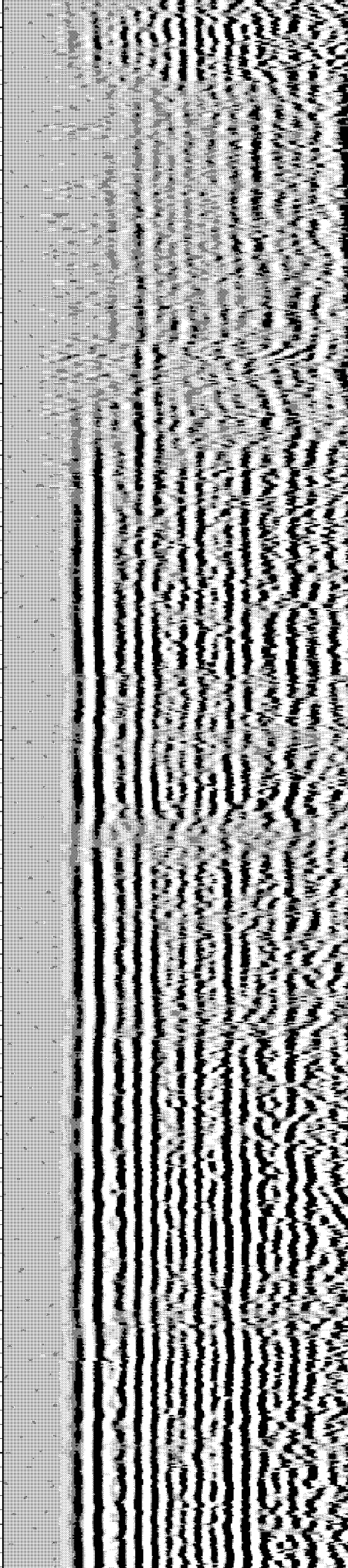
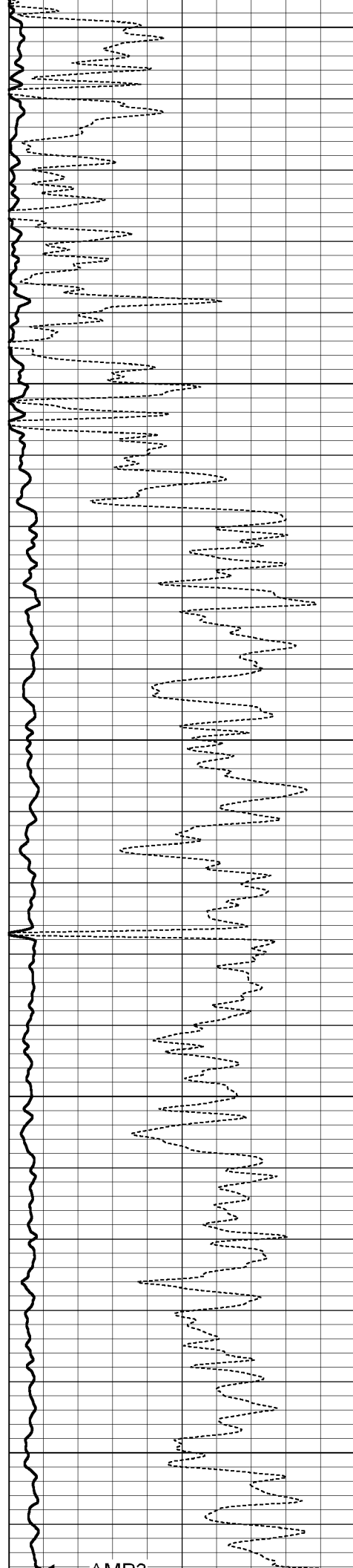
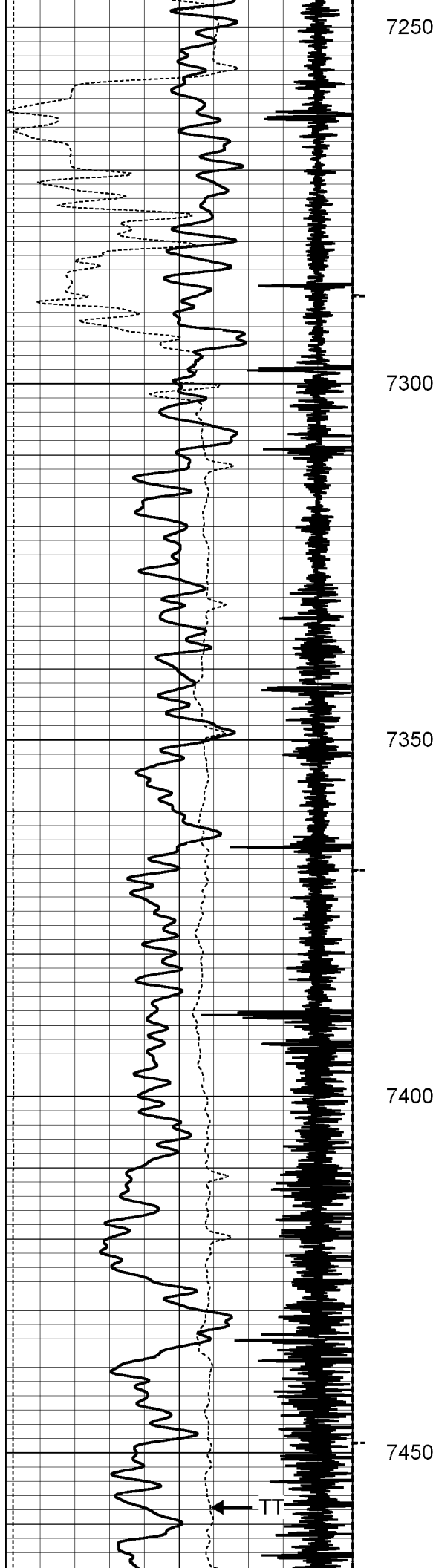
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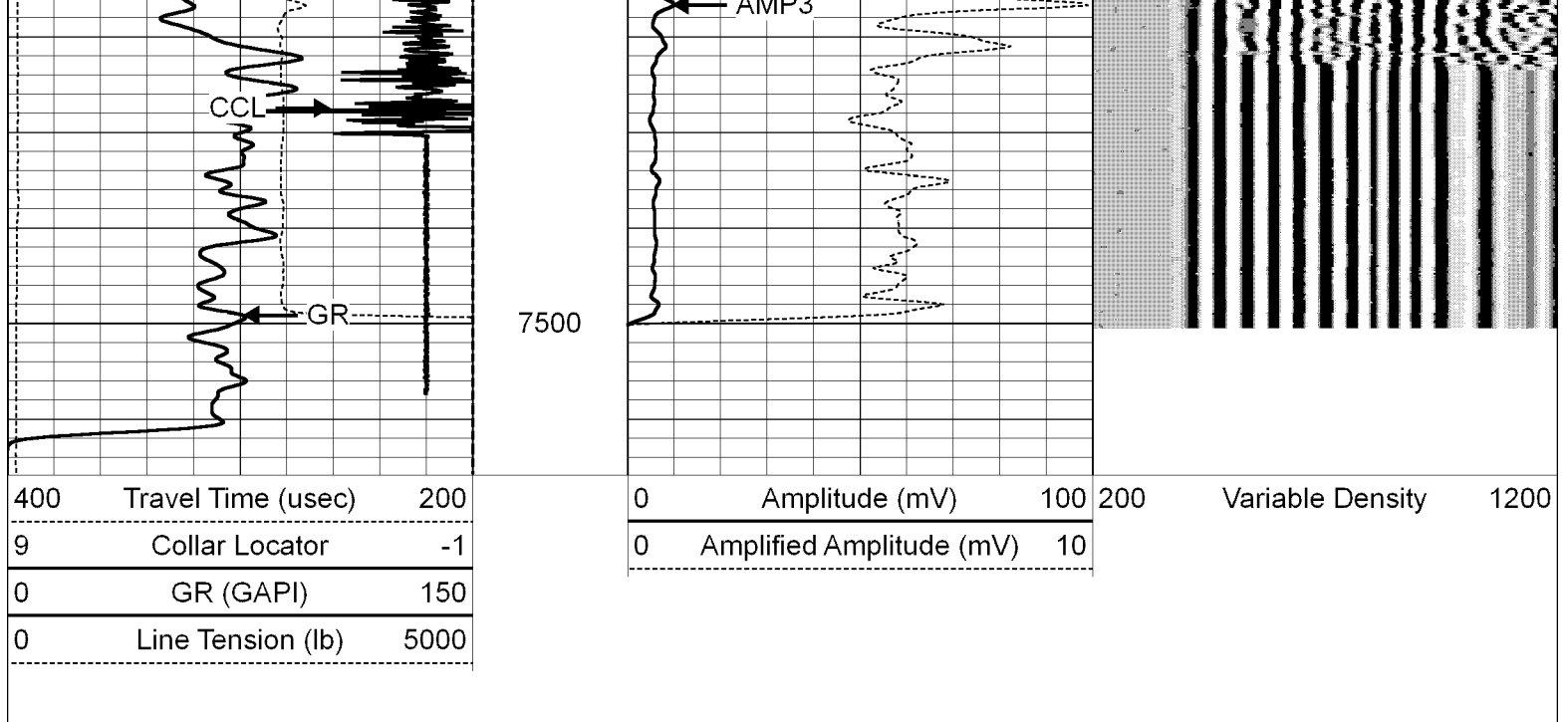
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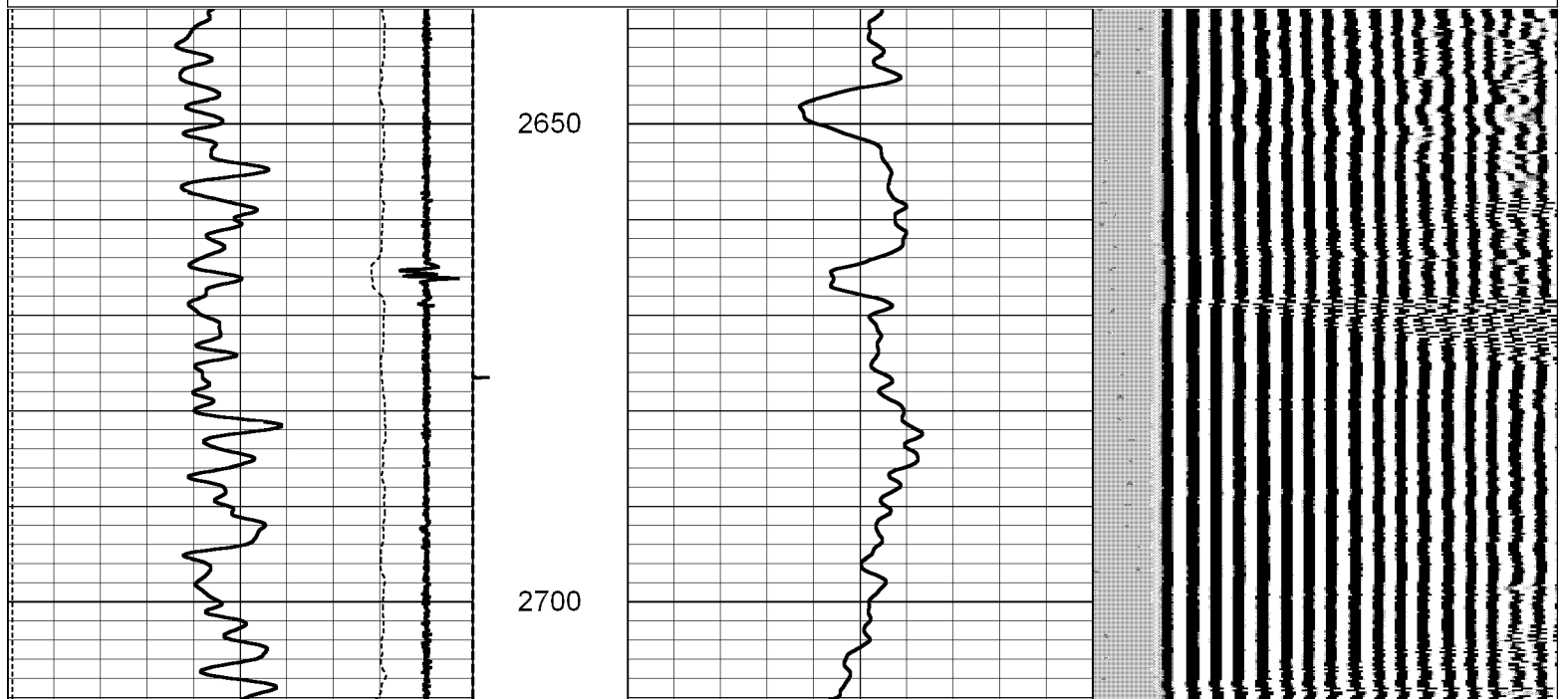
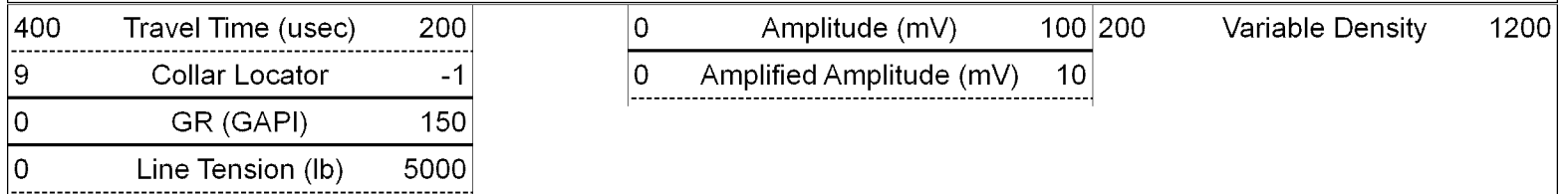


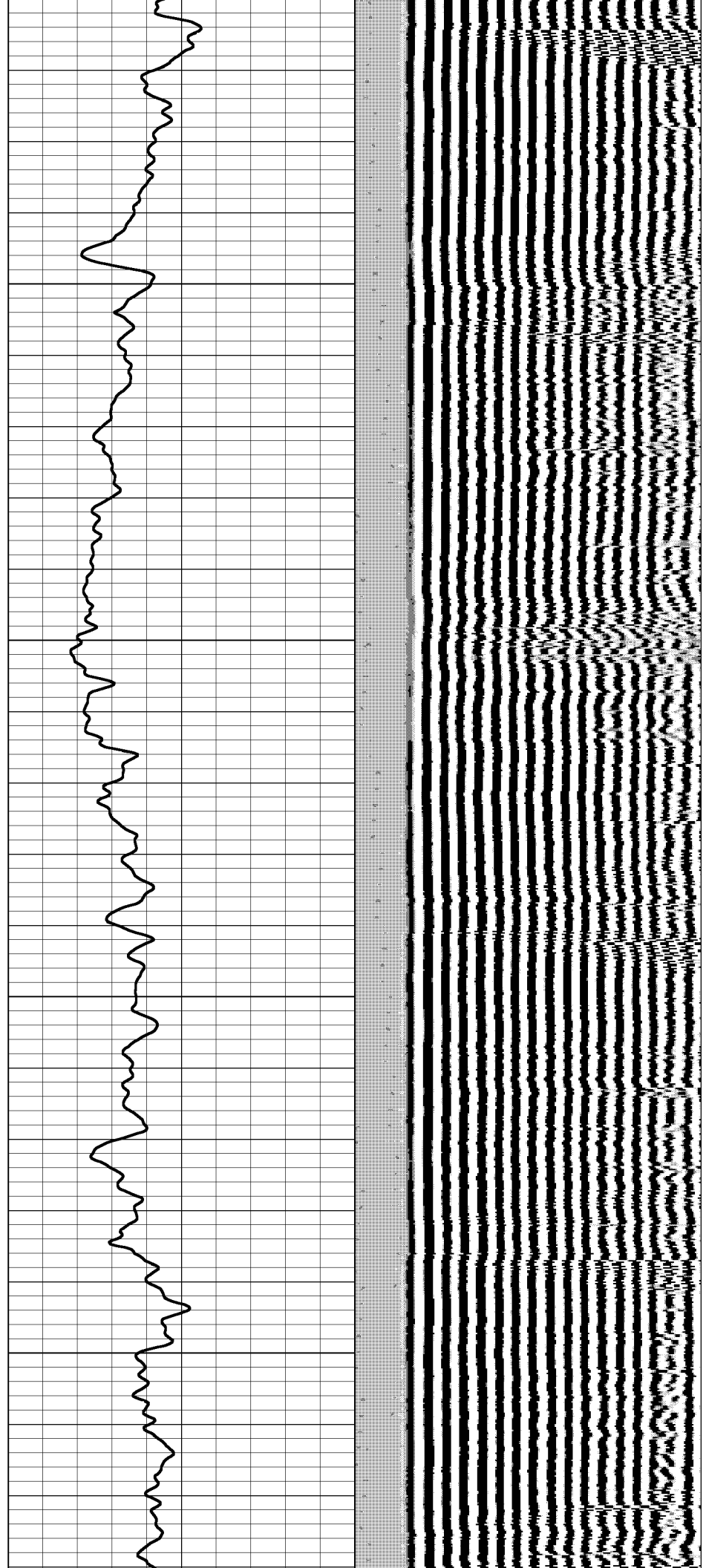
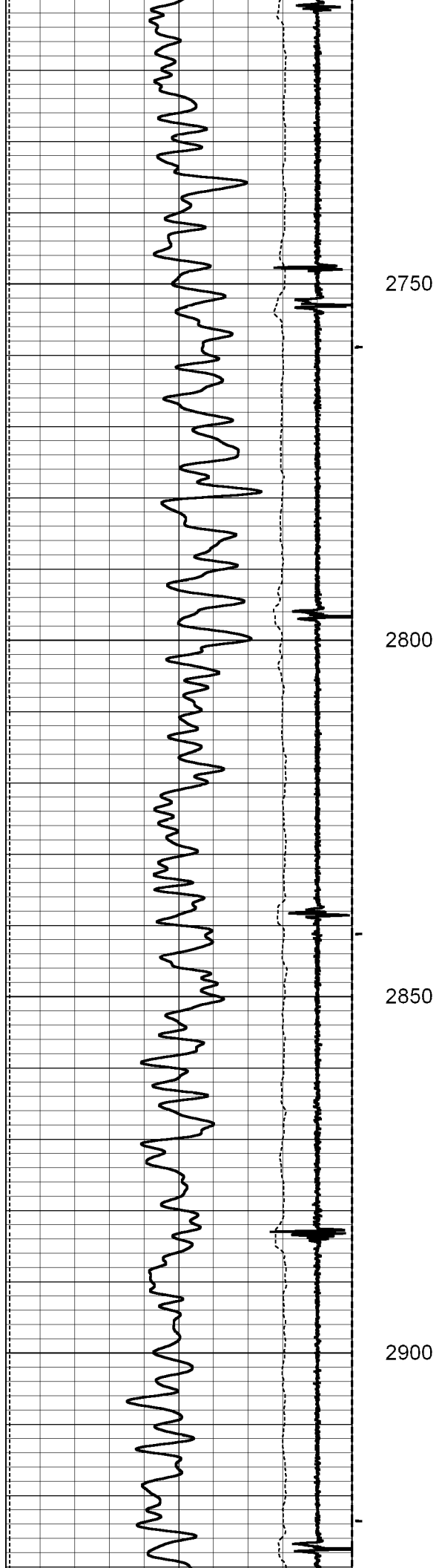


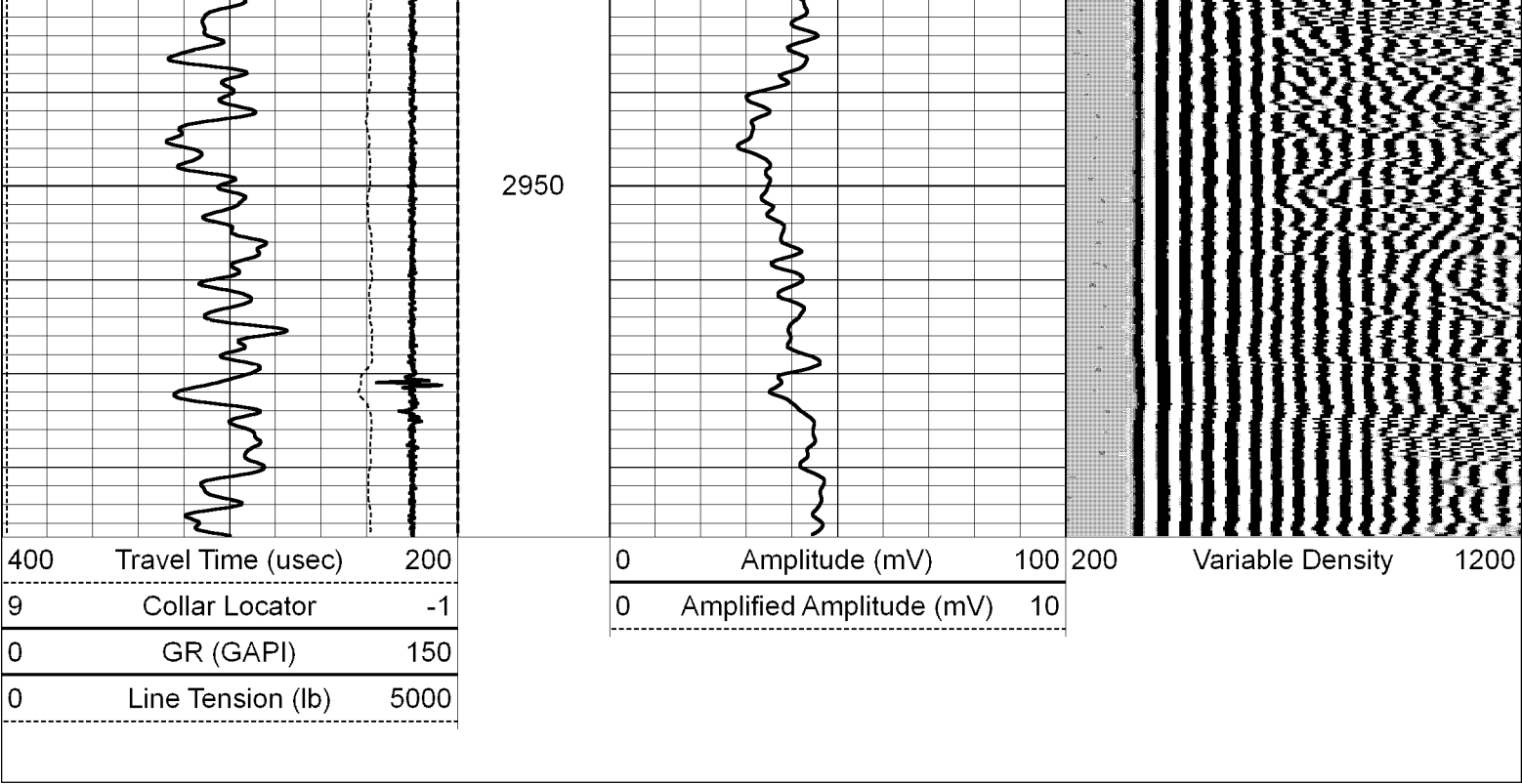



REPEAT PASS


Database File: 11192015greatwestern_schneiderhd11-352hn.db
 Dataset Pathname: repeat/pass1
 Presentation Format: cbldig
 Dataset Creation: Thu Nov 19 13:49:36 2015
 Charted by: Depth in Feet scaled 1:240

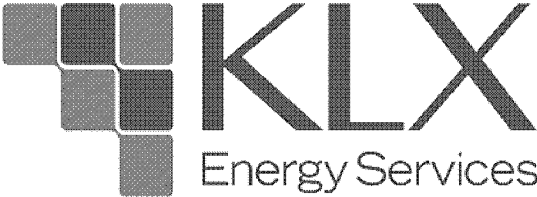






Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
WVF3	16.27		1.4375 Titan 1 7/16 Cablehead	1.50	1.44	2.00
			PTS275	2.83	2.75	
			CBL-Digital (080430) Probe 275 CBL Standard	9.17	2.75	100.00
			PTS275	2.83	2.75	
WVF5	15.28					

CCL	8.28					
			GR-Probe275dig (080829) Probe 2.75 High Temperature	6.36	2.75	57.00
GR	4.25					
		PTS275	2.83	2.75		
Dataset: 11192015greatwestern_schneiderhd11-352hn.db: field/well/Main1/merge3 Total Length: 25.53 ft Total Weight: 159.00 lb O.D. 2.75 in						

	Company	GREAT WESTERN OPERATING COMPANY LLC.				
	Well	SCHNEIDER SOUTH HD11-352HN				
	Field	WATTENBERG				
	County	WELD				
	State	COLORADO			Country	U.S.A.