



Cement Bond Log
Gamma Ray
CCL

Company Chevron		Company Chevron	
Pad		Well	A.C. McLaughlin 10
Field		Field	Rangely
County		County	Rio Blanco
State		State	Colorado
Location:		AP1 # : 05-103-05780	
Permanent Datum		660' FSL & 660' FWL	
Log Measured From		SW1/SW	
Drilling Measured From		SEC 13 TWP 2N RGE 103W	
Ground Level		Elevation 5422'	
Kelly Bushing 11'		Elevation	
Kelly Bushing 11'		K.B. 5433'	
		D.F.	
		G.L. 5422'	
Date	1-April 2106		
Run Number	One		
Depth Driller			
Depth Logger	5815'		
Bottom Logged Interval	5815'		
Top Log Interval	Surface		
Open Hole Size	5815'		
Type Fluid	Water		
Density / Viscosity			
Max. Recorded Temp.			
Estimated Cement Top	2050'		
Time Well Ready	8:30am		
Time Logger on Bottom	9:30am		
Equipment Number	143		
Location	Vernal		
Recorded By	Jonathan Bowden		
Witnessed By	Kevin Heil		
Borehole Record		Tubing Record	
Run Number	Bit	From	To
		Size	Weight
		From	To
Casing Record	Size	Wgt/Ft	Top
Surface String	16"	55#	59'
Prot. String	10.75"	40.5#	Surface
Production String	7"	23#	Surface
Liner	5"	18#	5983"

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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

Log Correlated to NL McCullough Bon Cement Sinic Seismogram Log
Dated 5-15-81

Crew Jon B., Chance B.

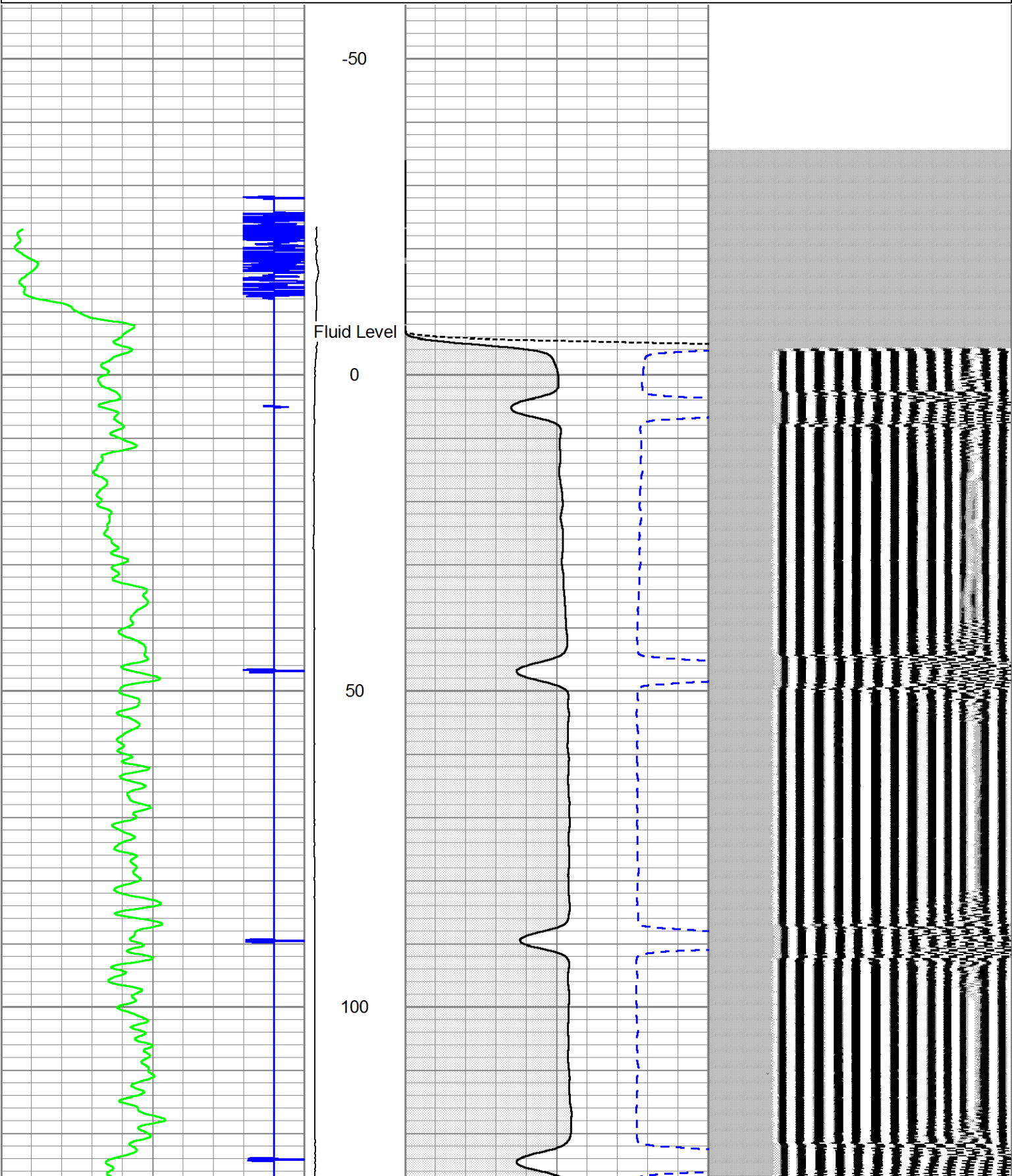


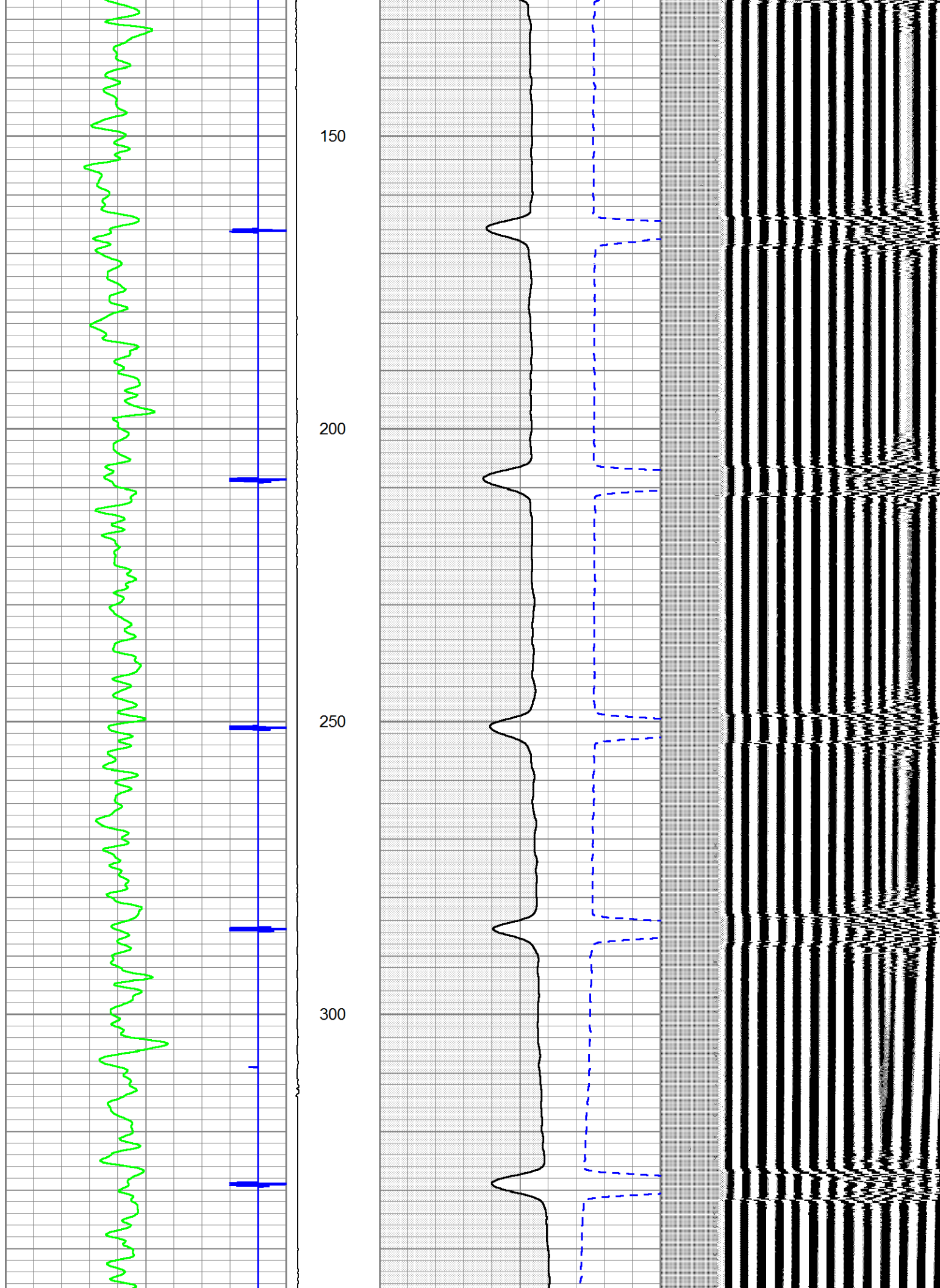
Main Pass

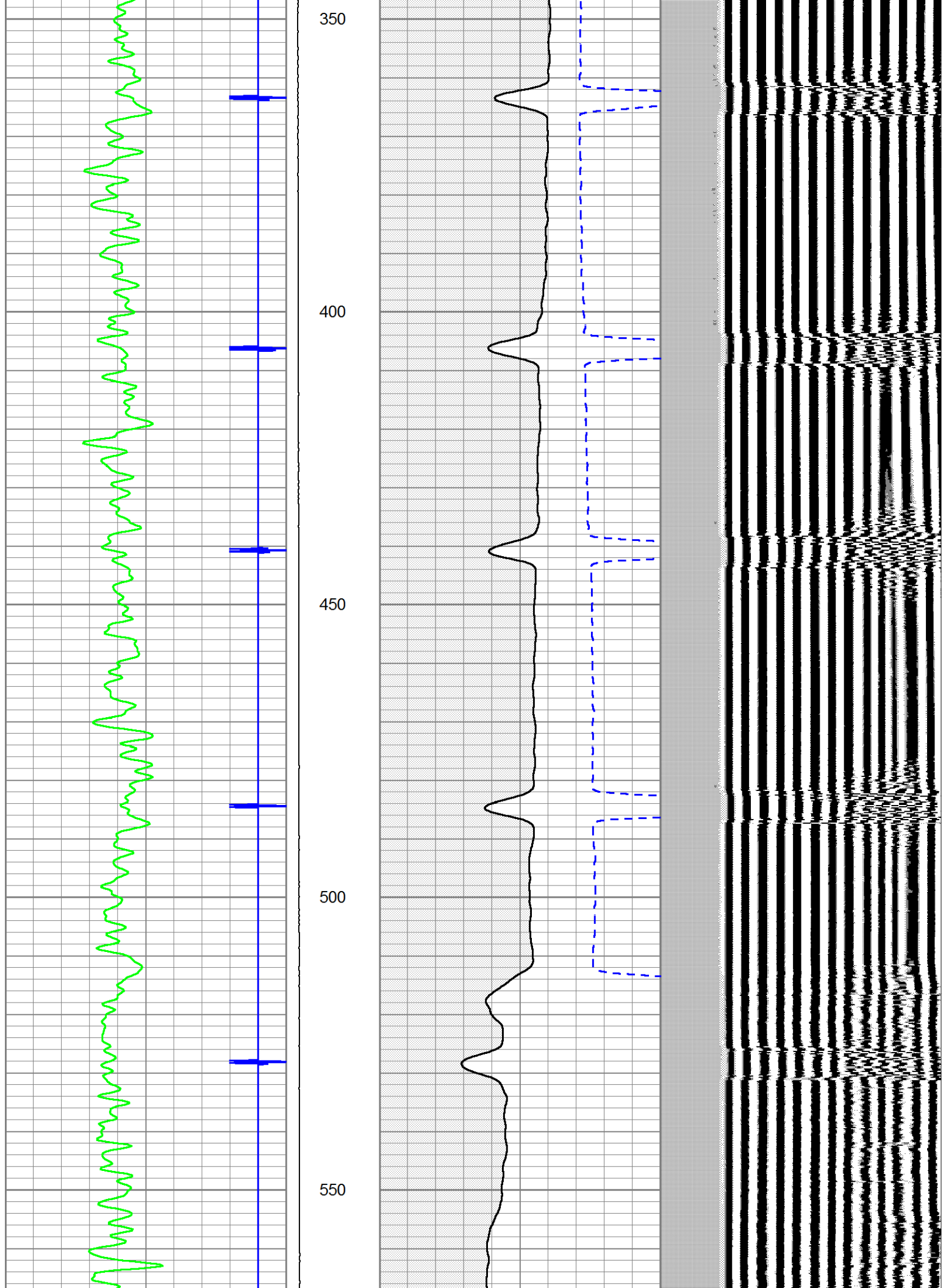
Logged with 0 PSI Surface Pressure.

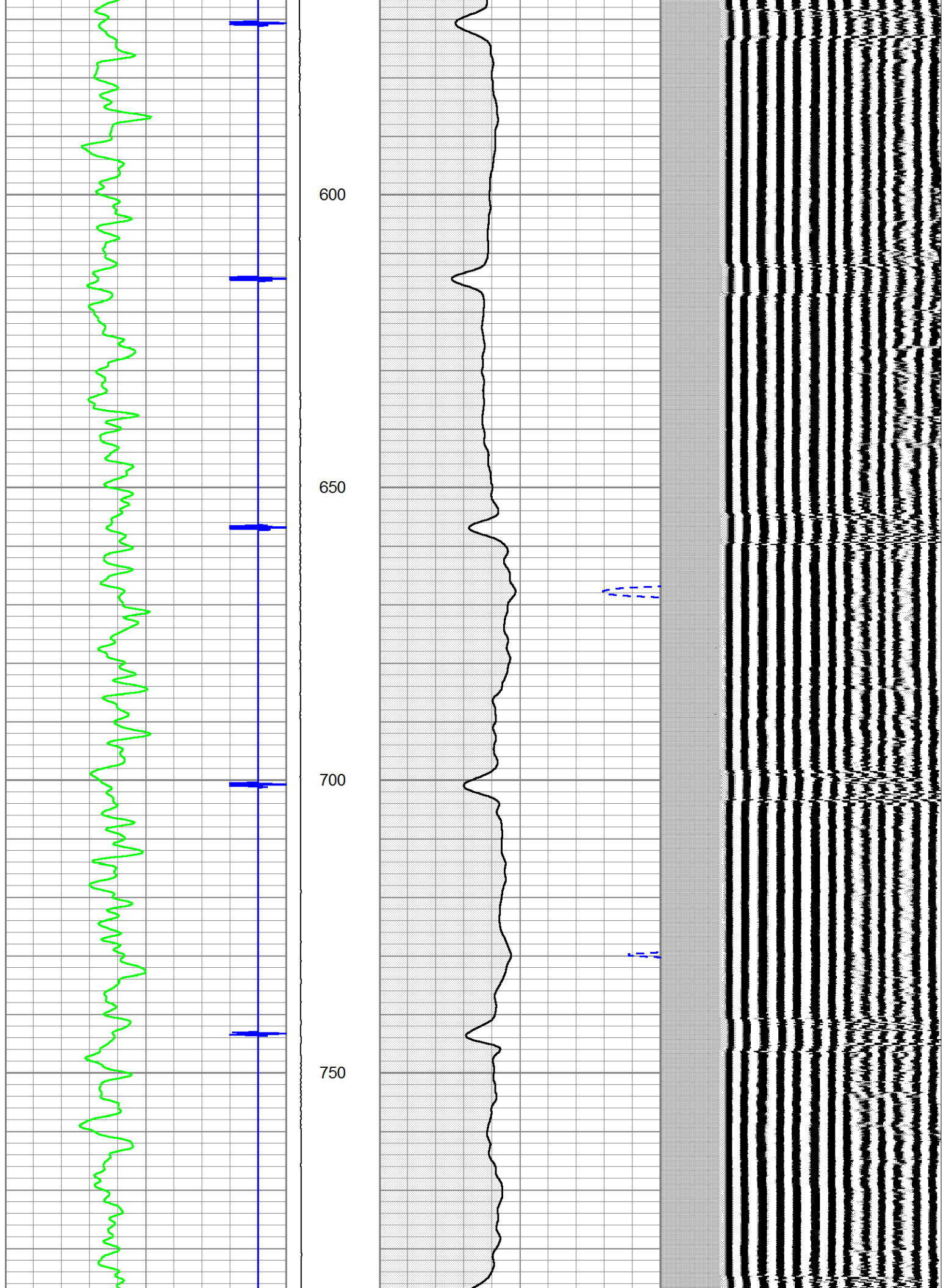
Database File: chevron-a.db
Dataset Pathname: pass5.4
Presentation Format: cbl01
Dataset Creation: Fri Apr 01 10:49:10 2016 by Calc 7.0 B1
Charted by: Depth in Feet scaled 1:240

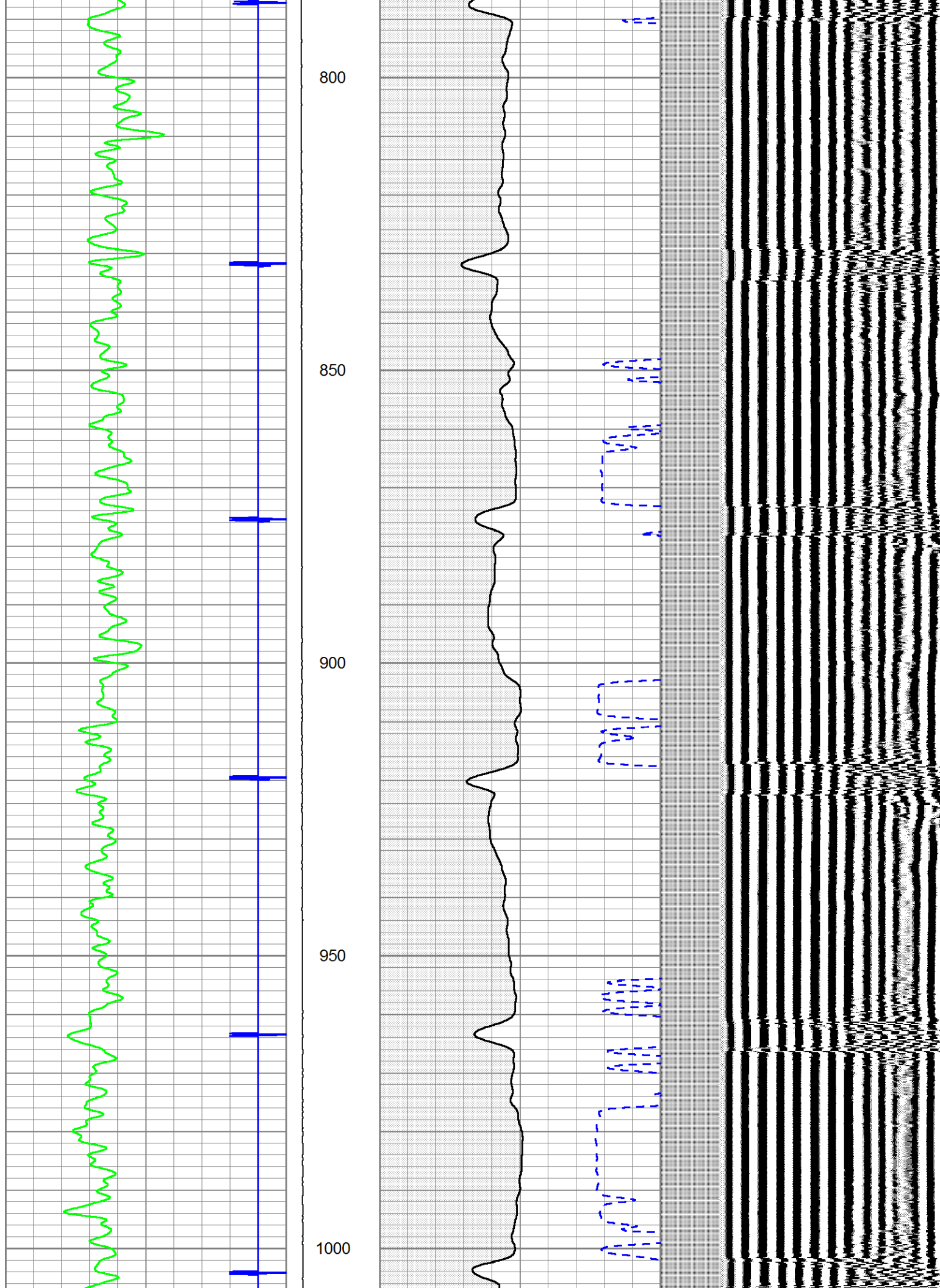
9	Collar Locator	-1	LTEN	0	Amplified Amplitude (mV)	20	200	Variable Density	1200
0	Gamma Ray (GAPI)	150	0 (lb/2000)	0	Amplitude (mV)	100			
				250	Travel Time (usec)	350			

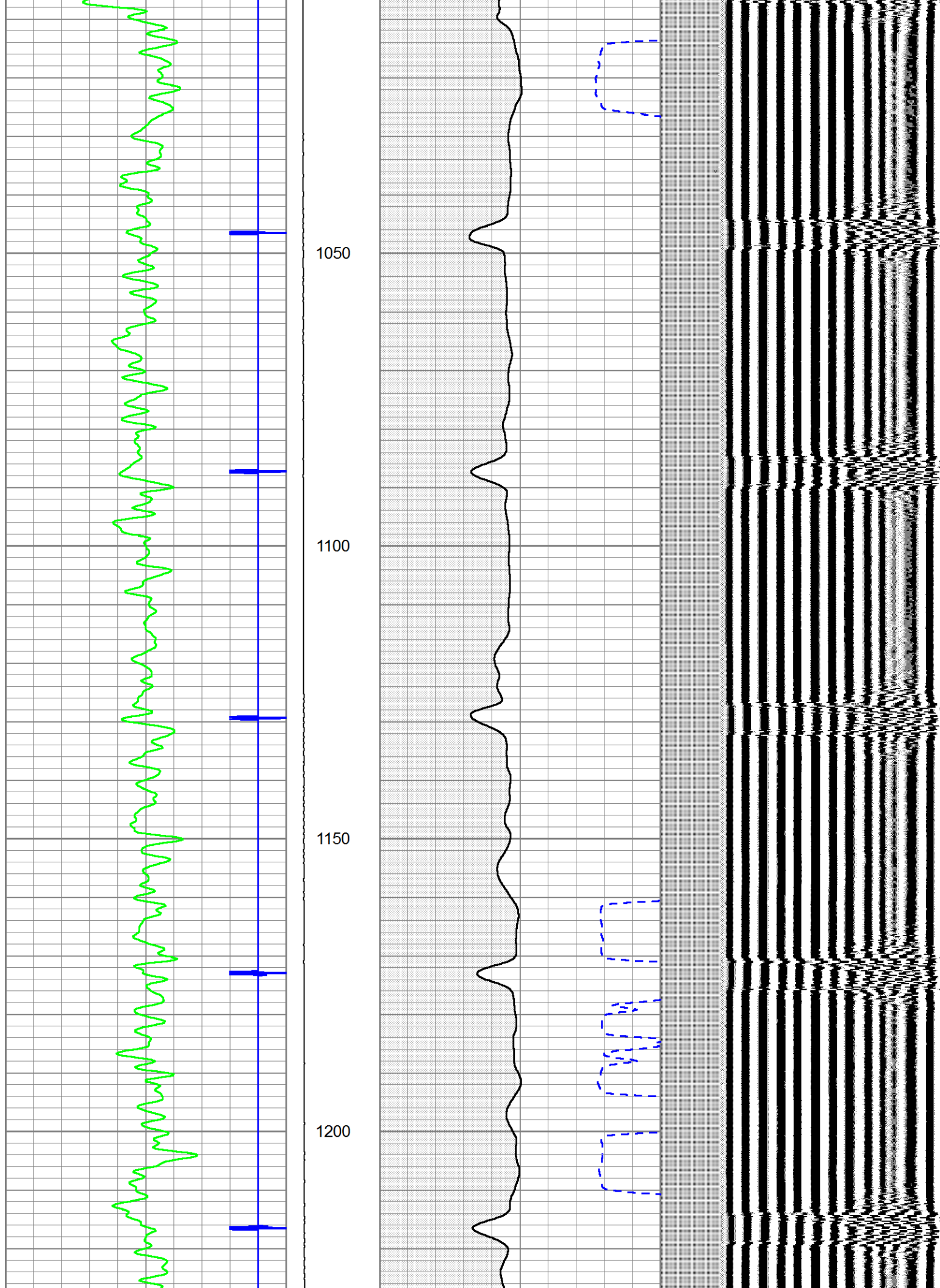


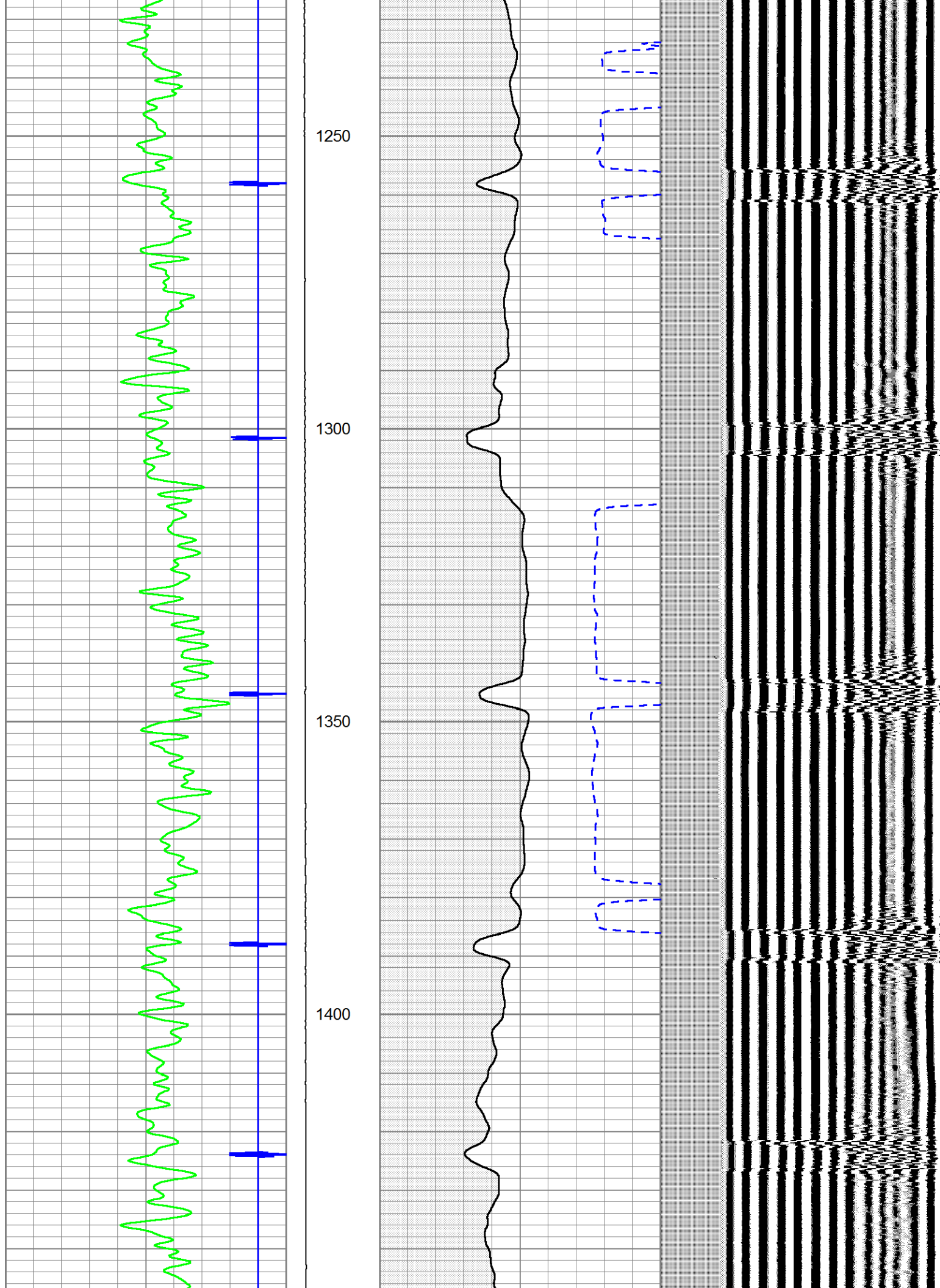


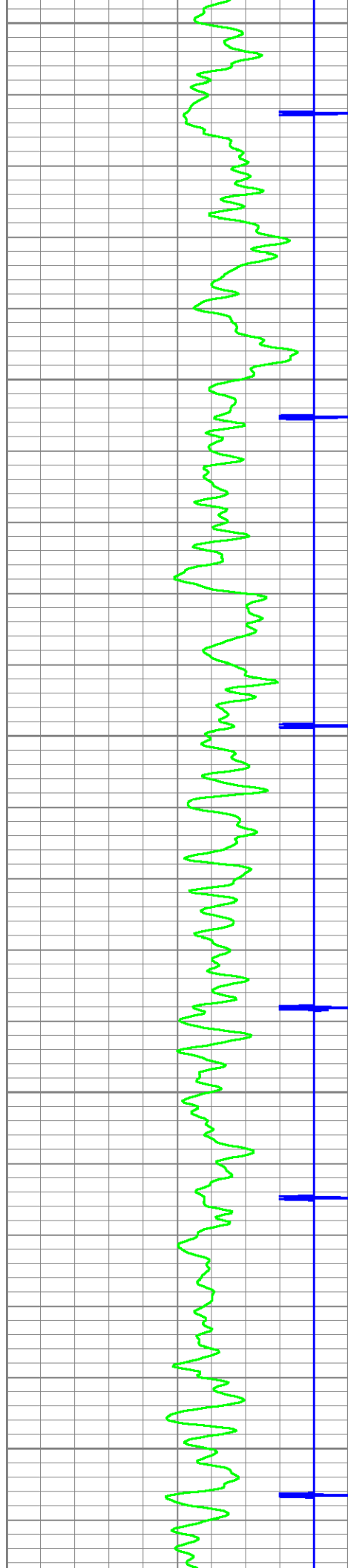












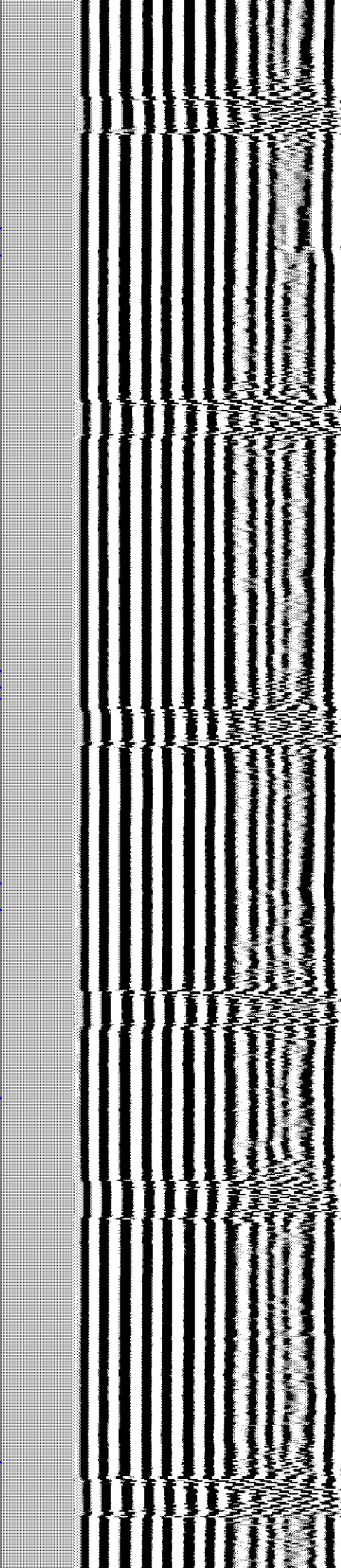
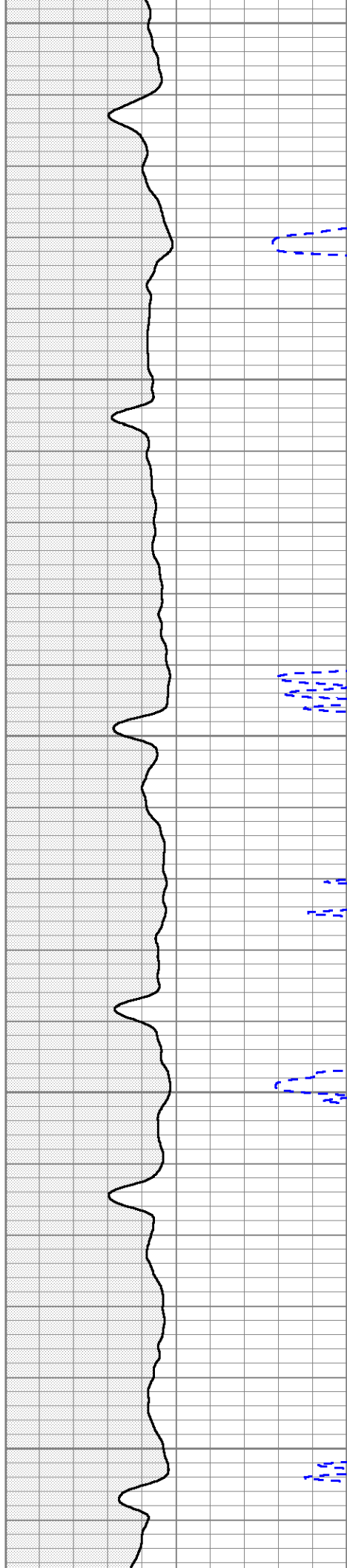
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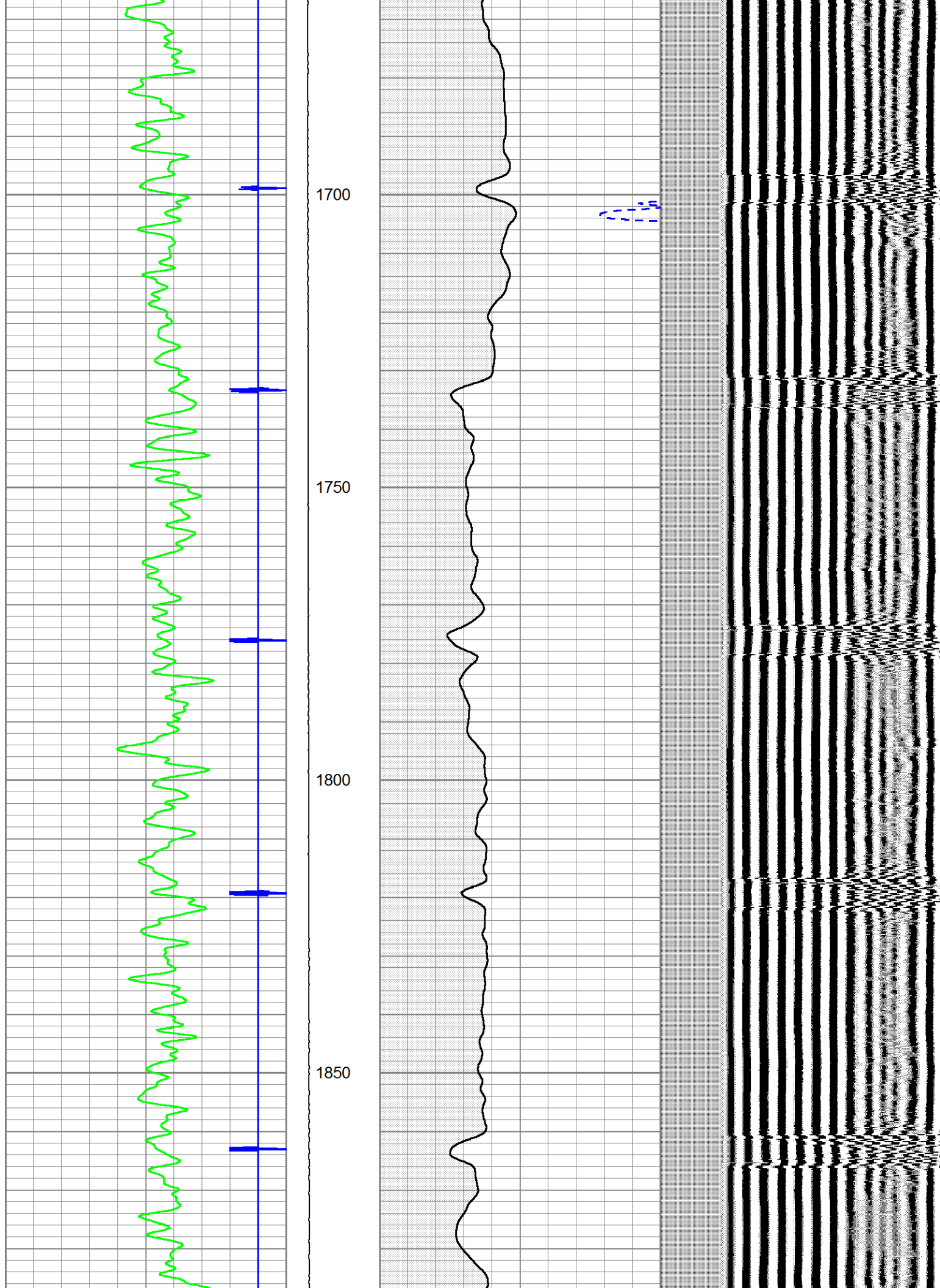
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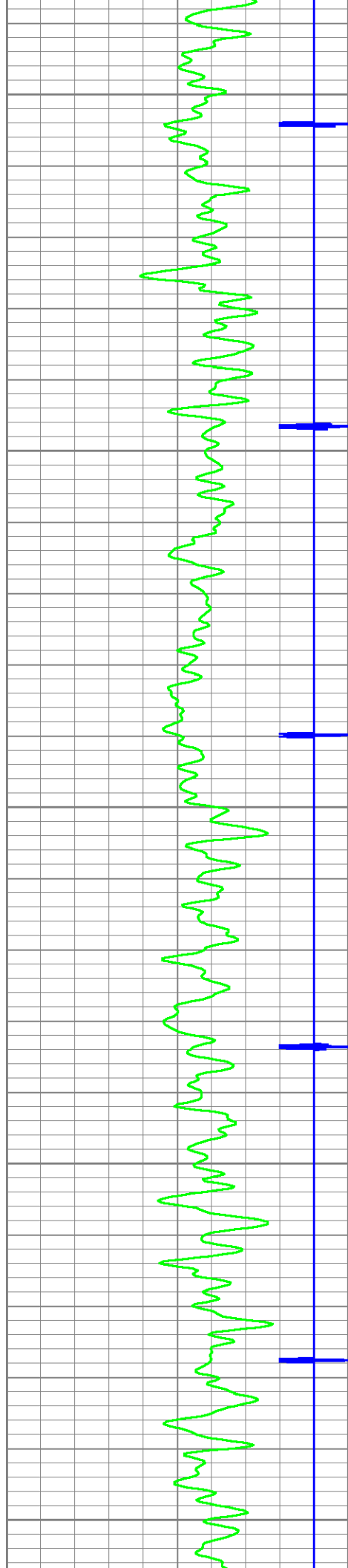
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1600

1650







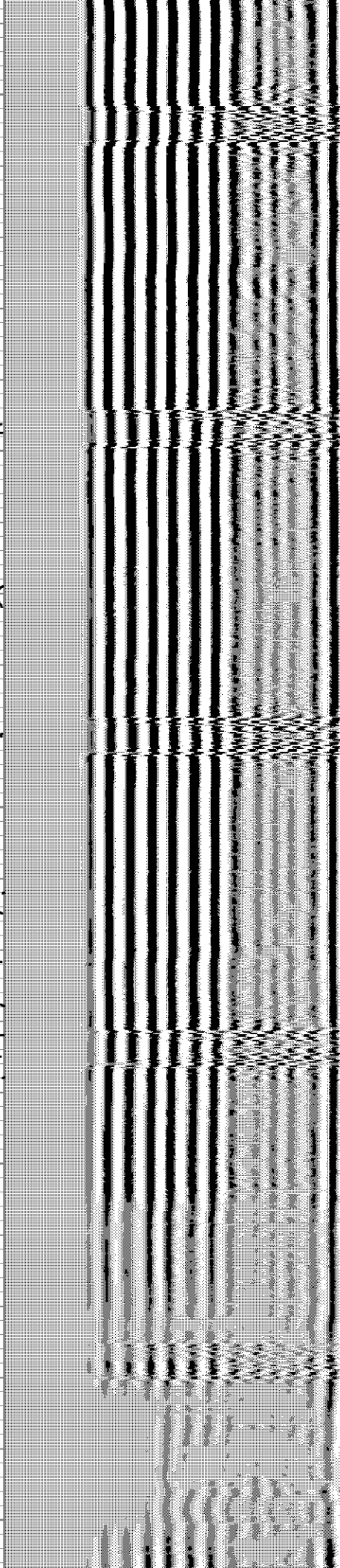
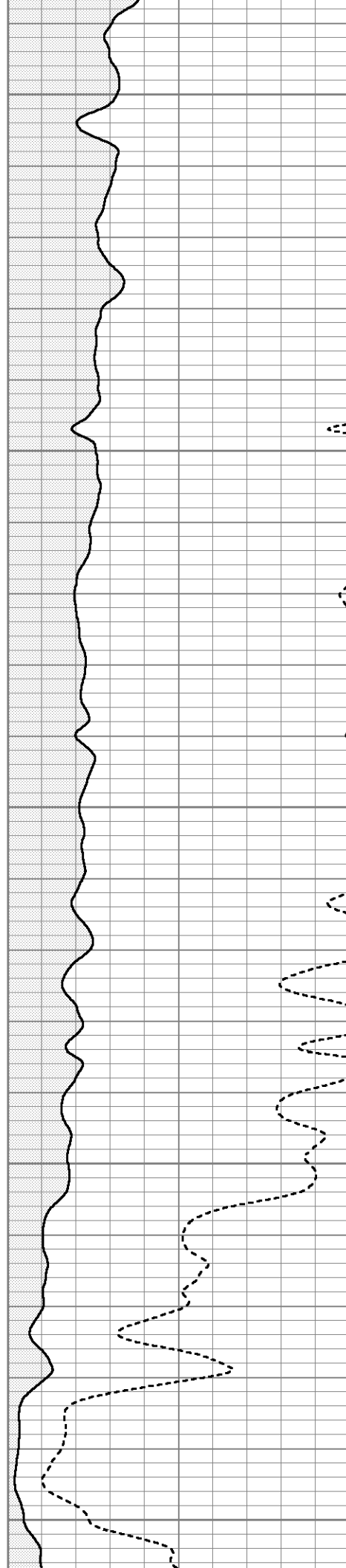
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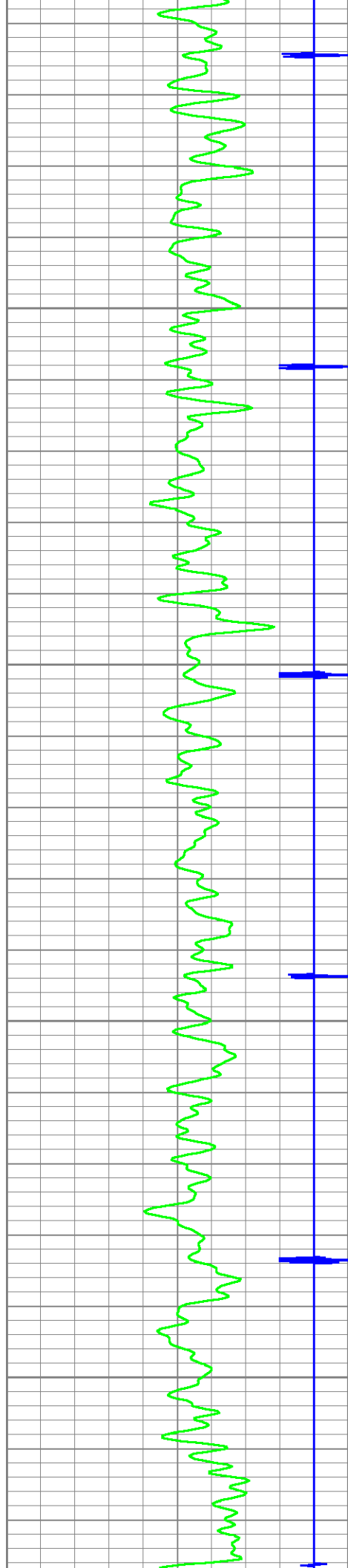
1950

2000

2050

2100



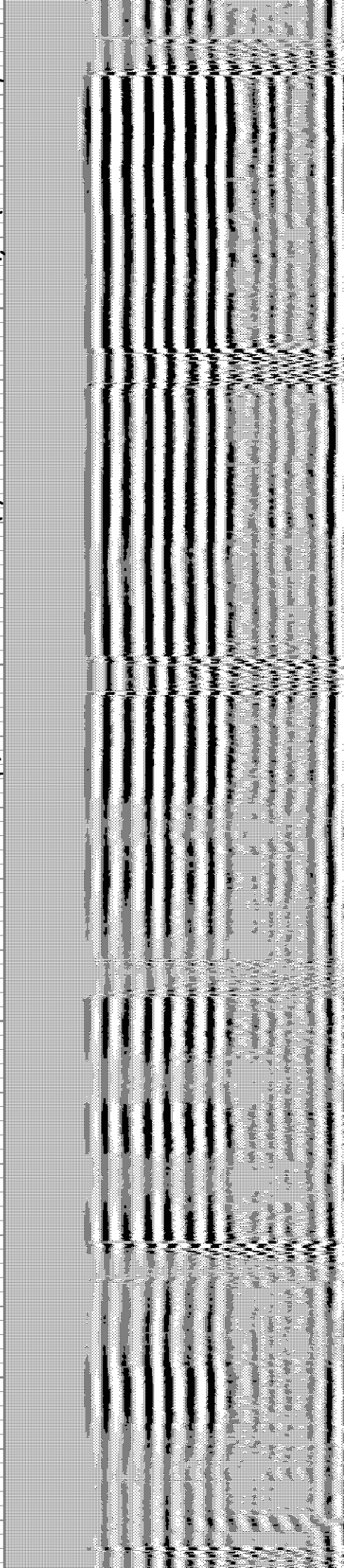
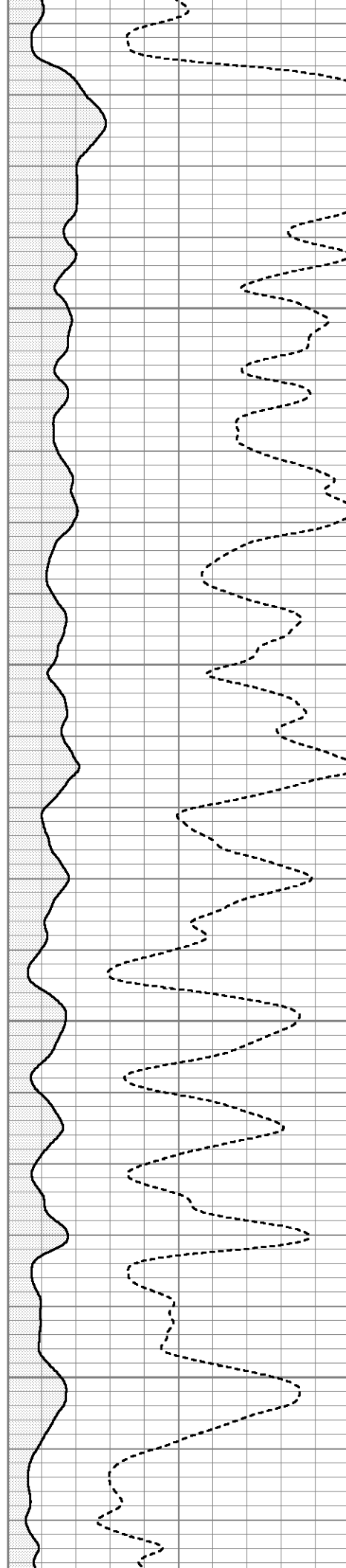


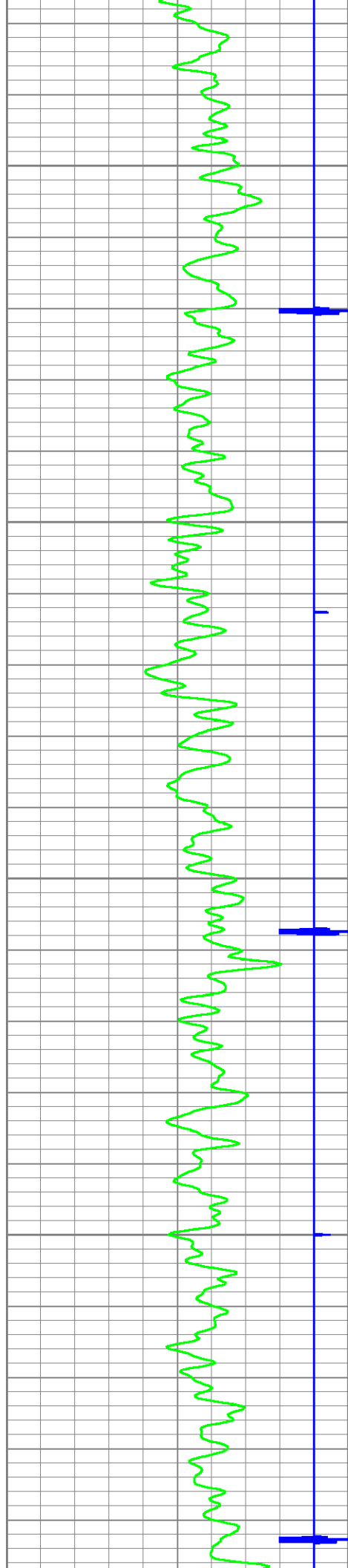
2150

2200

2250

2300



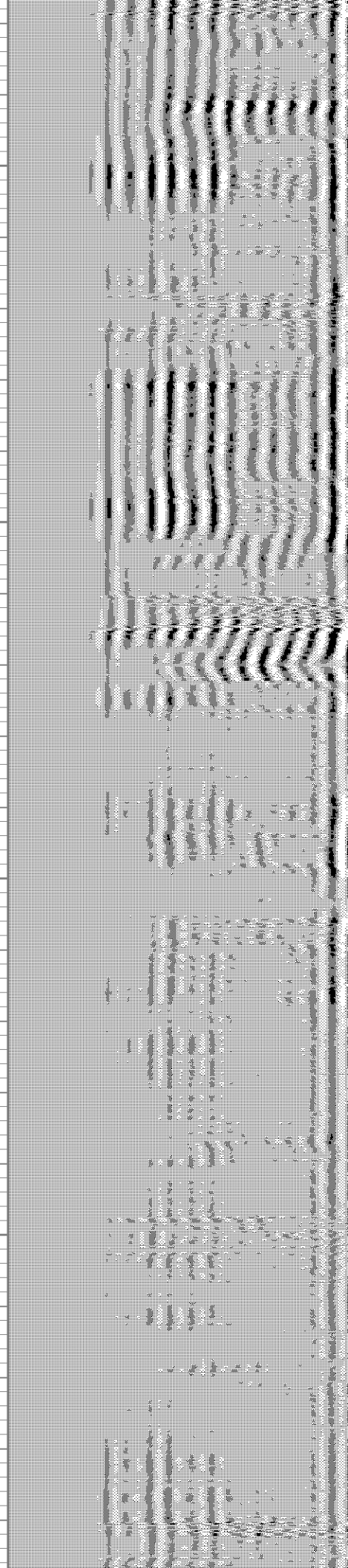
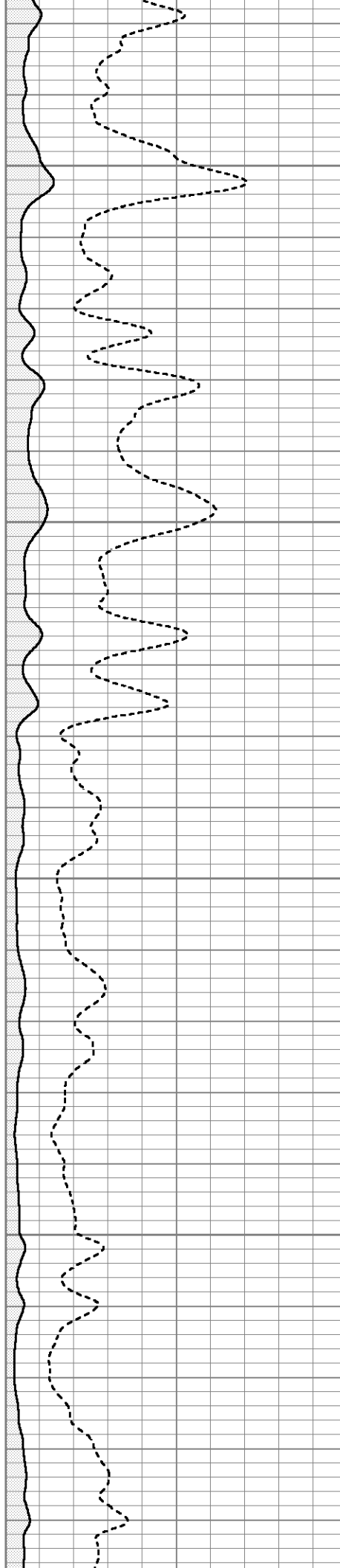


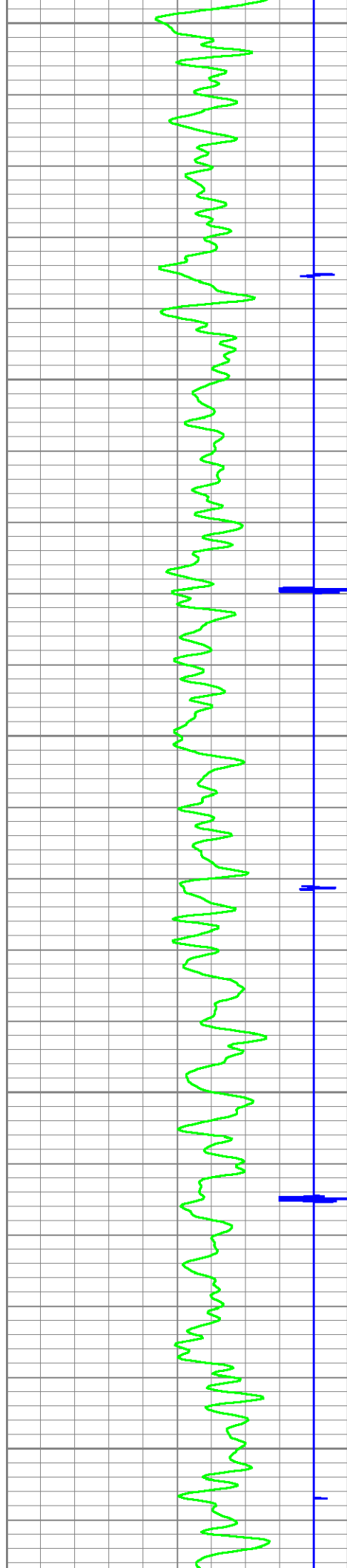
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2400

2450

2500





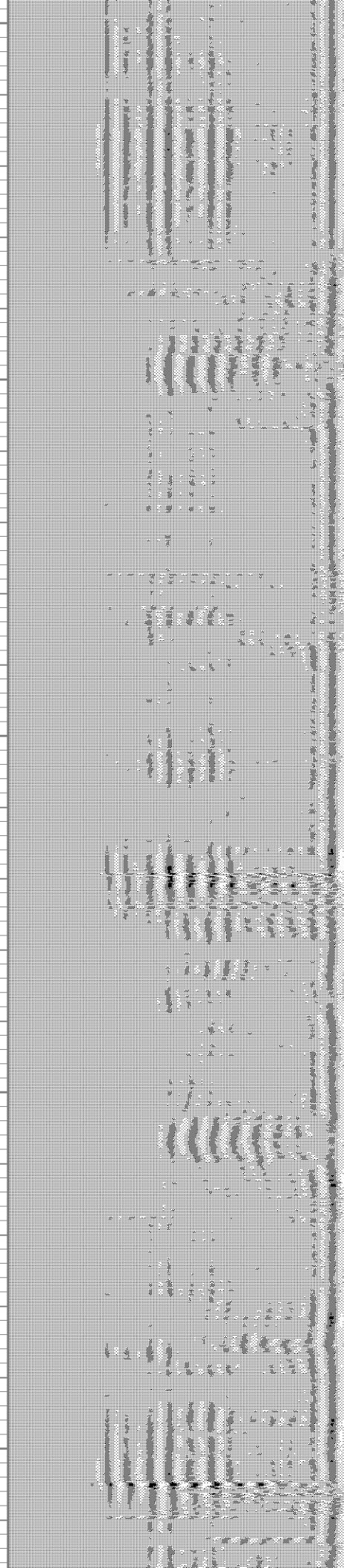
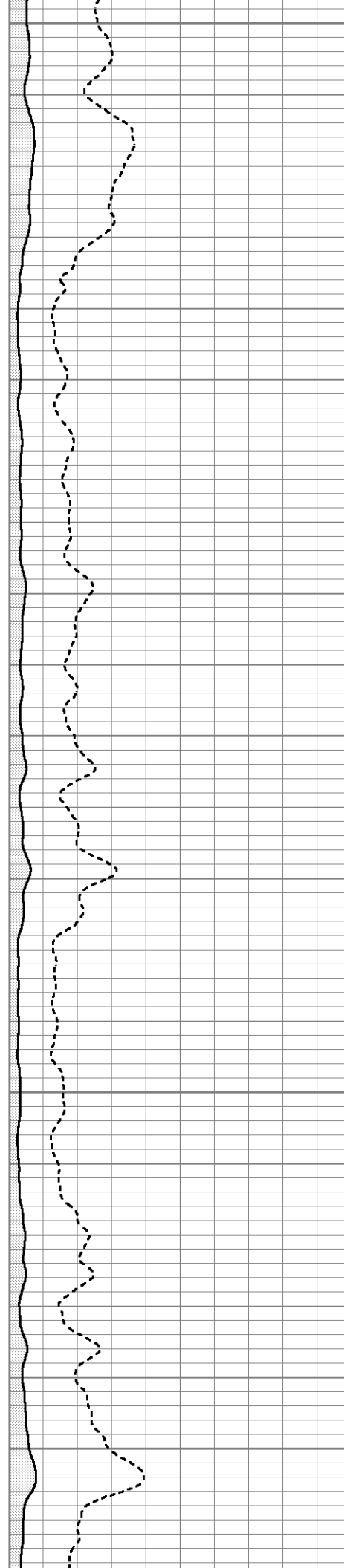
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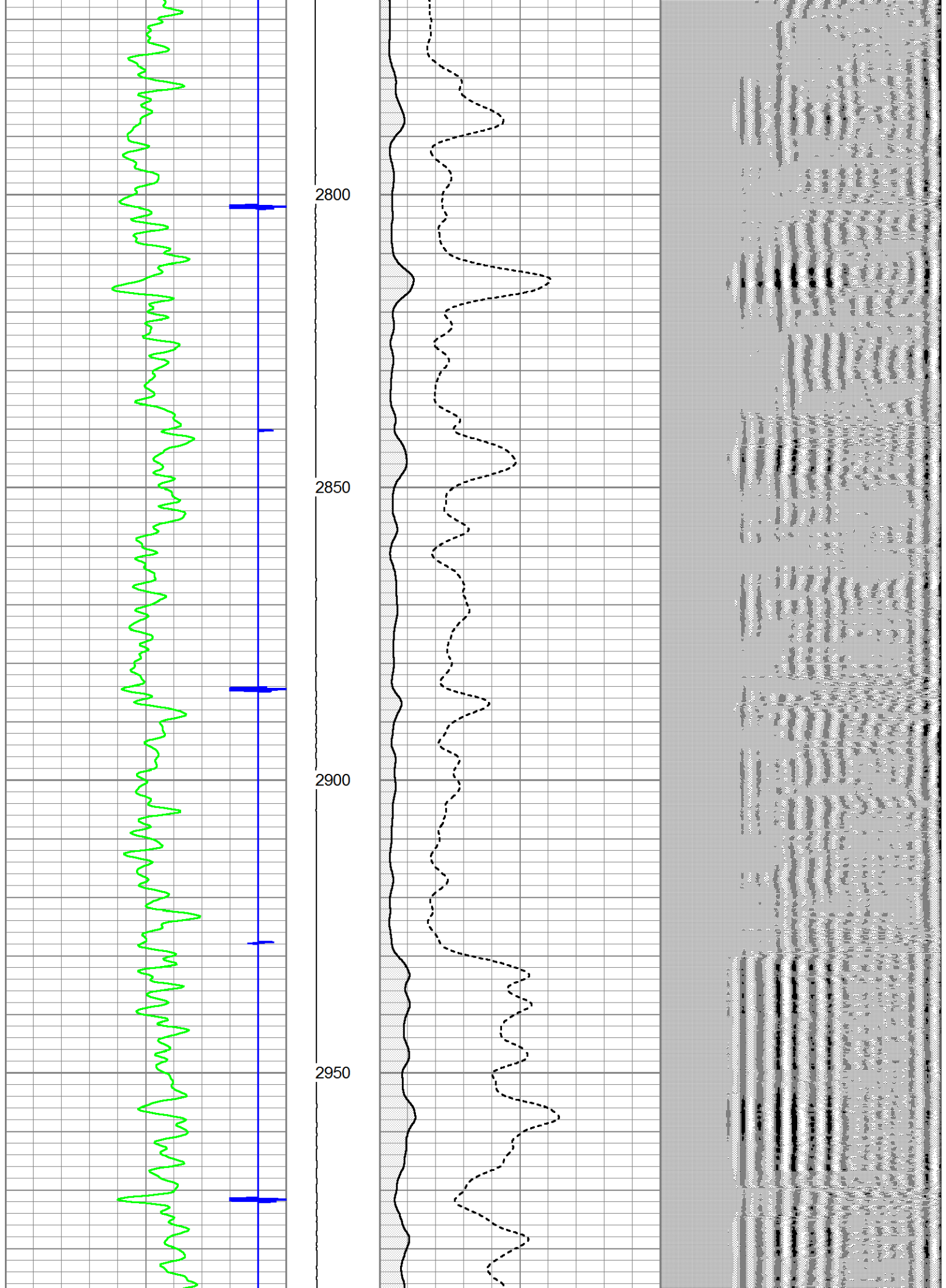
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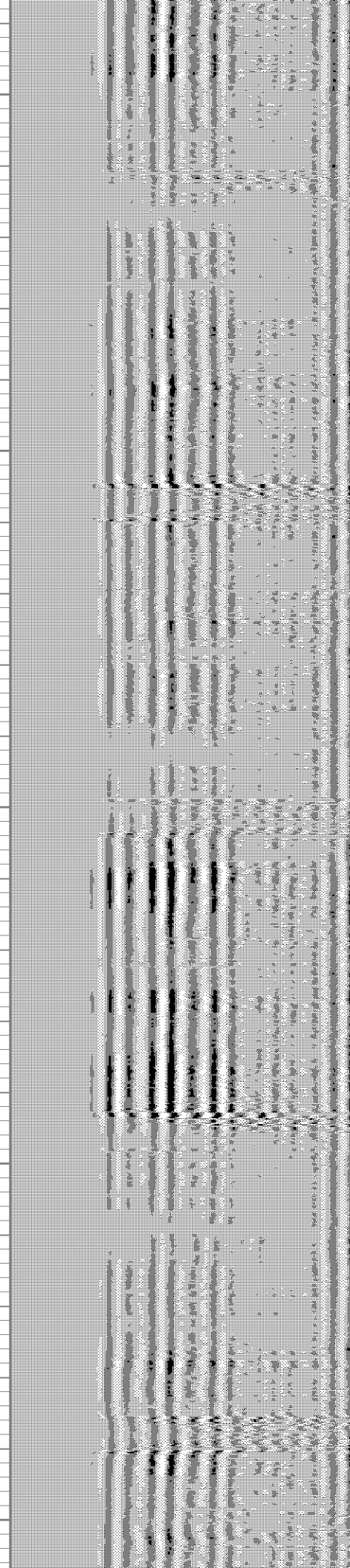
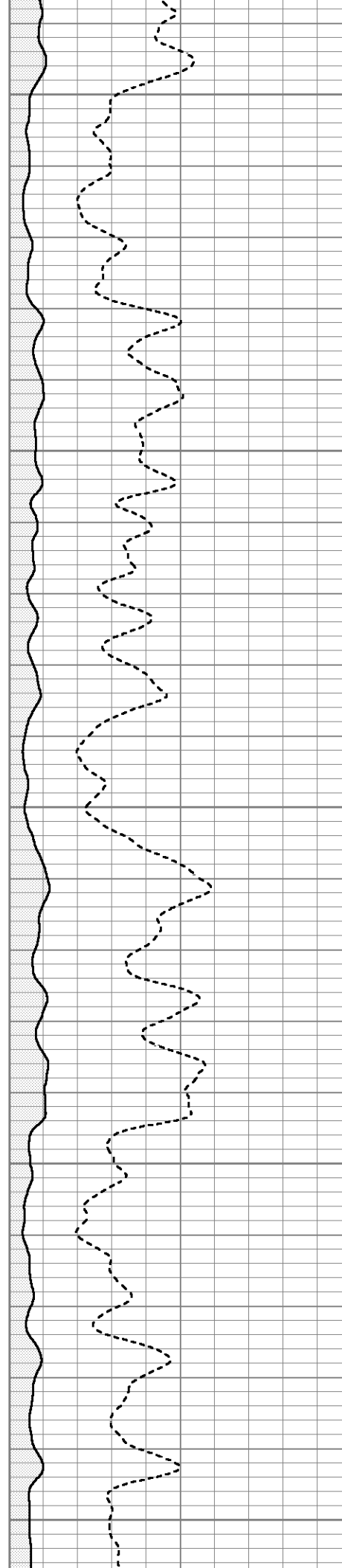
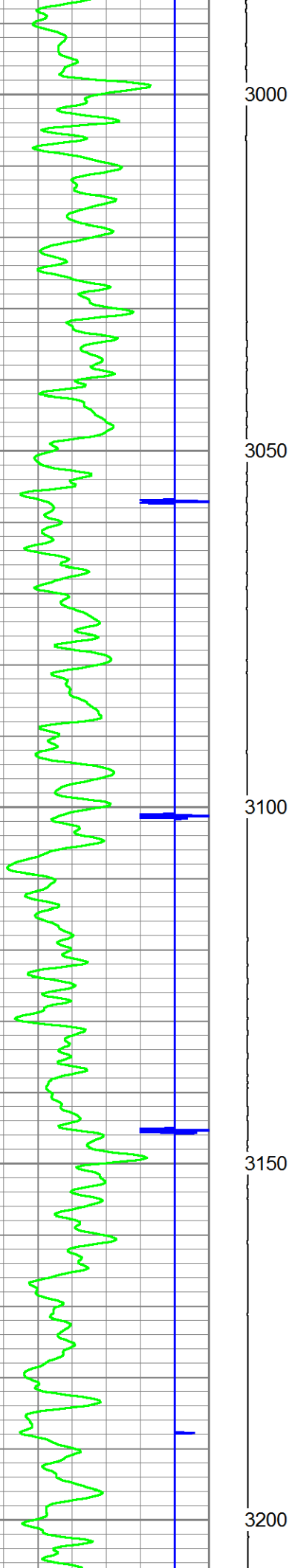
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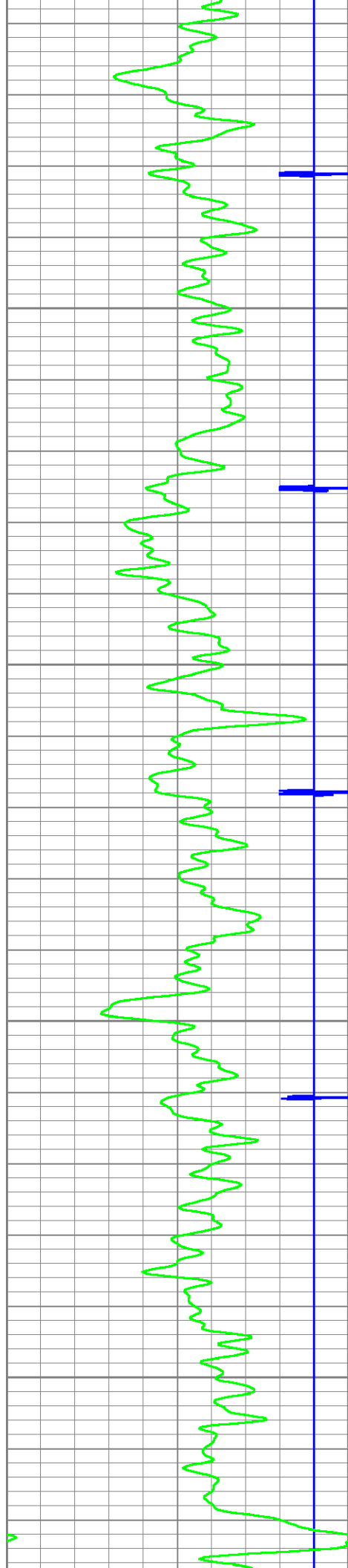
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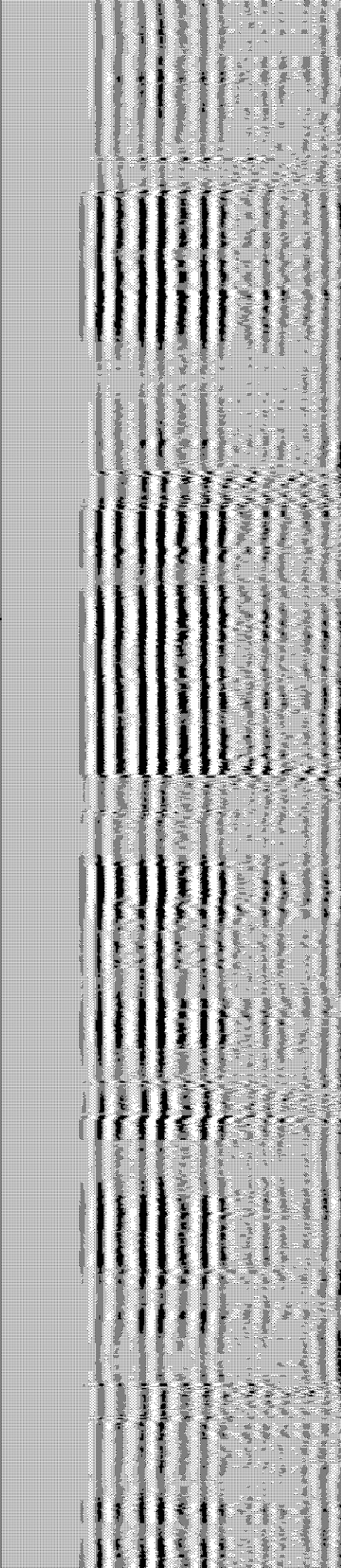
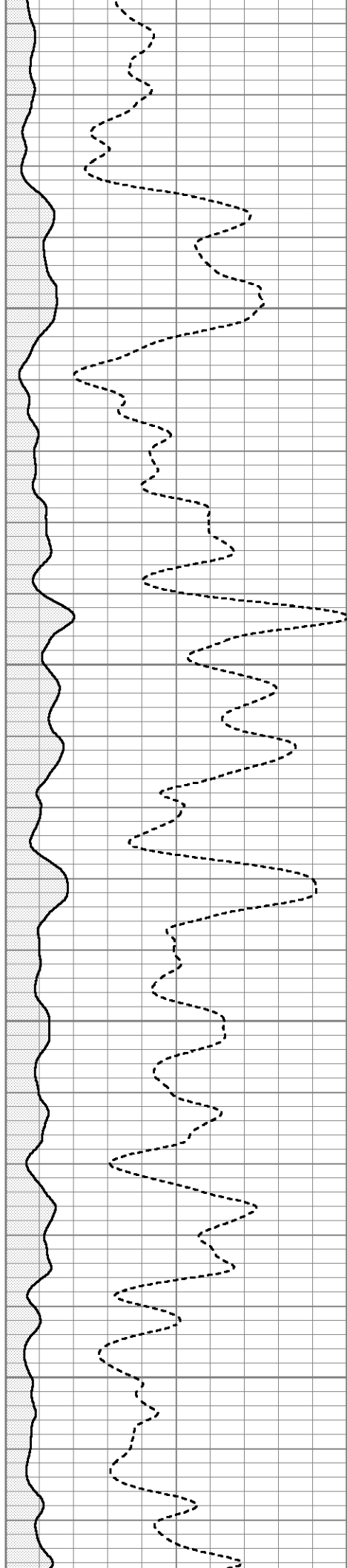


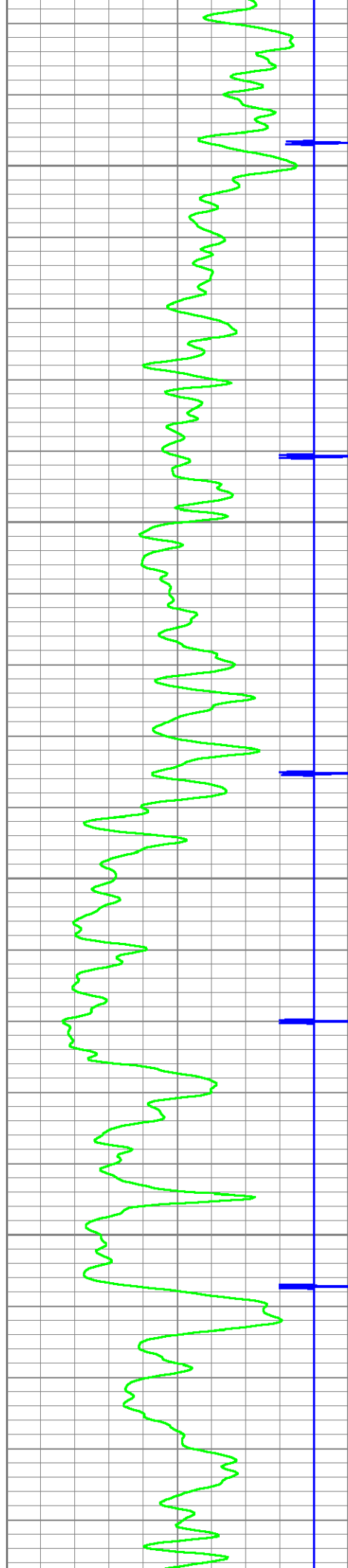
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3300

3350

3400



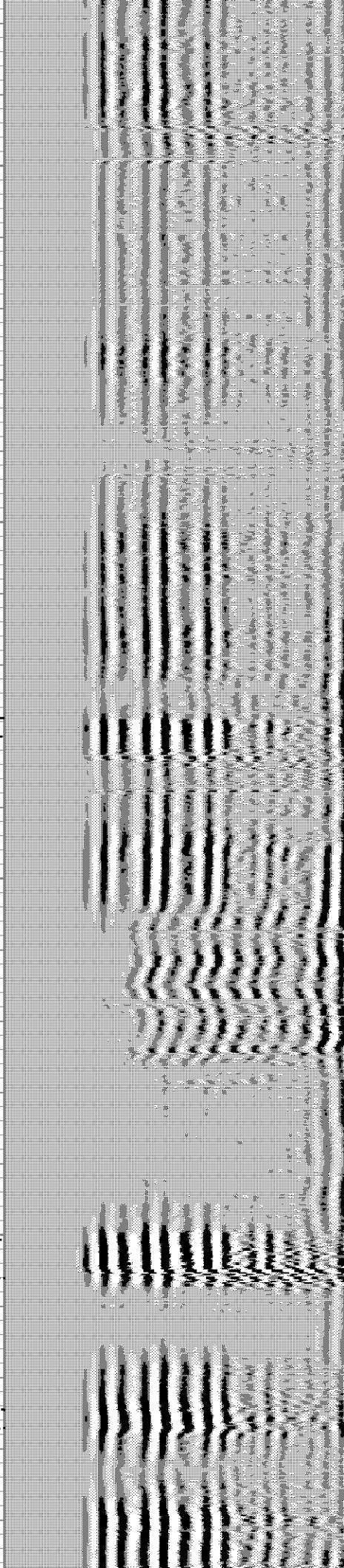
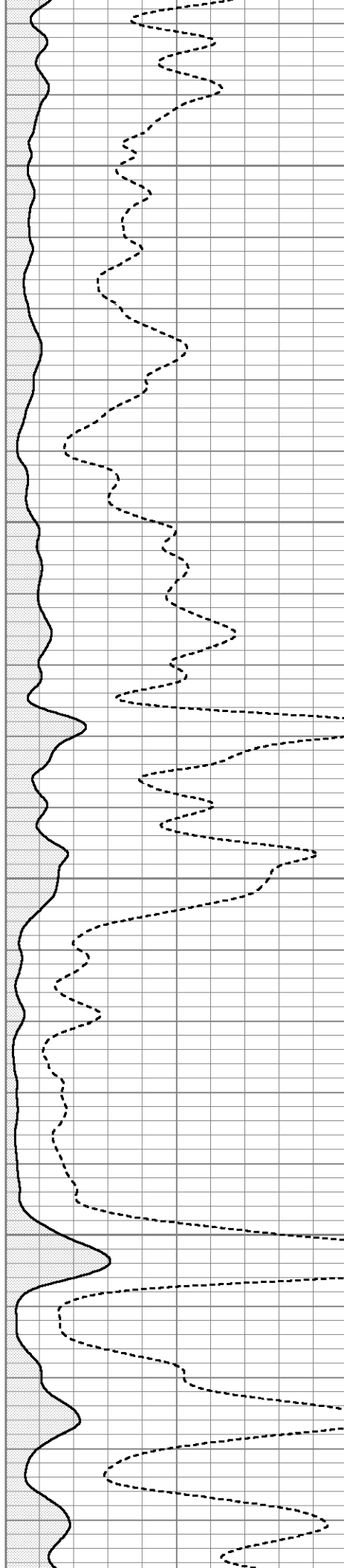


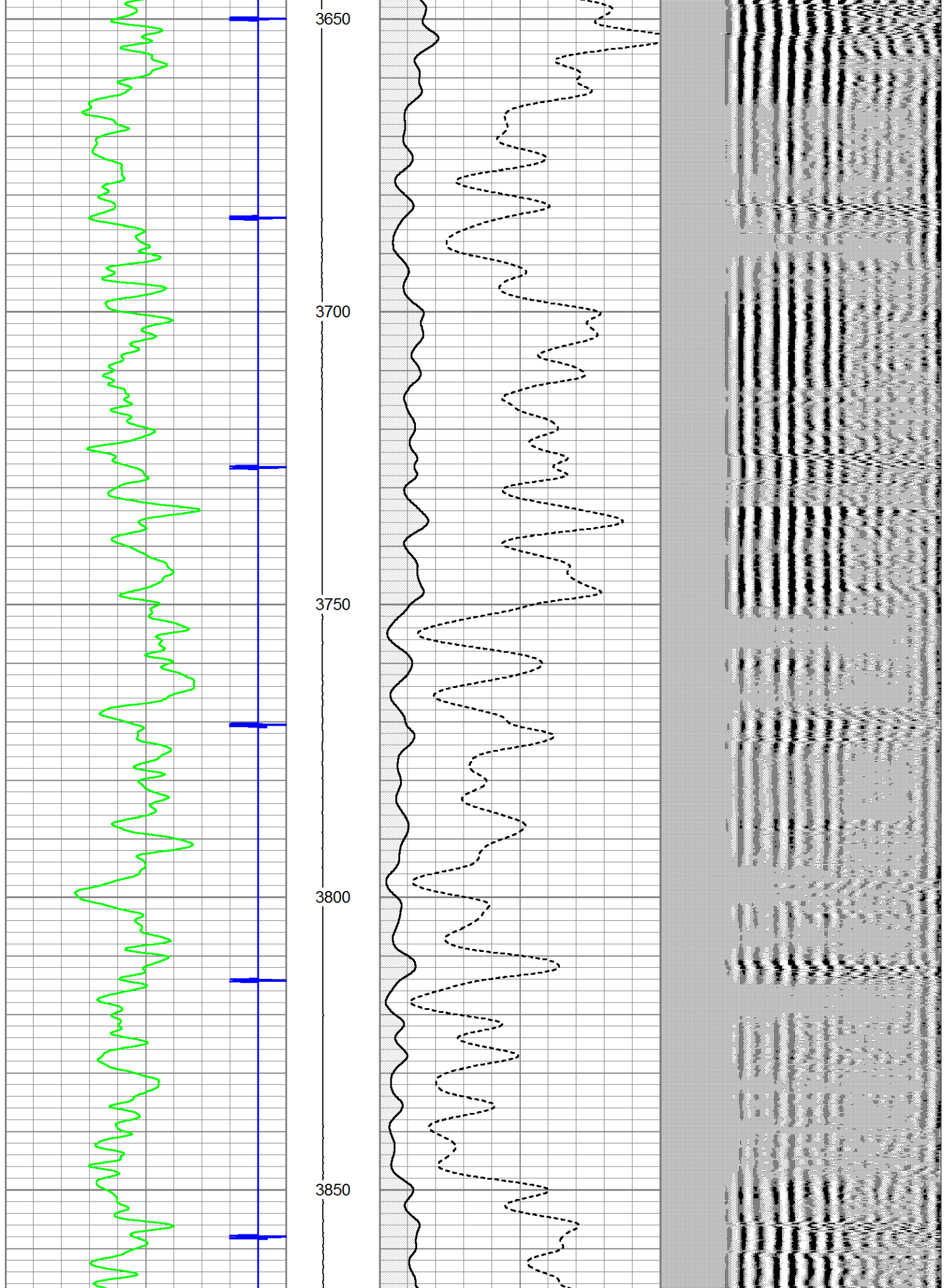
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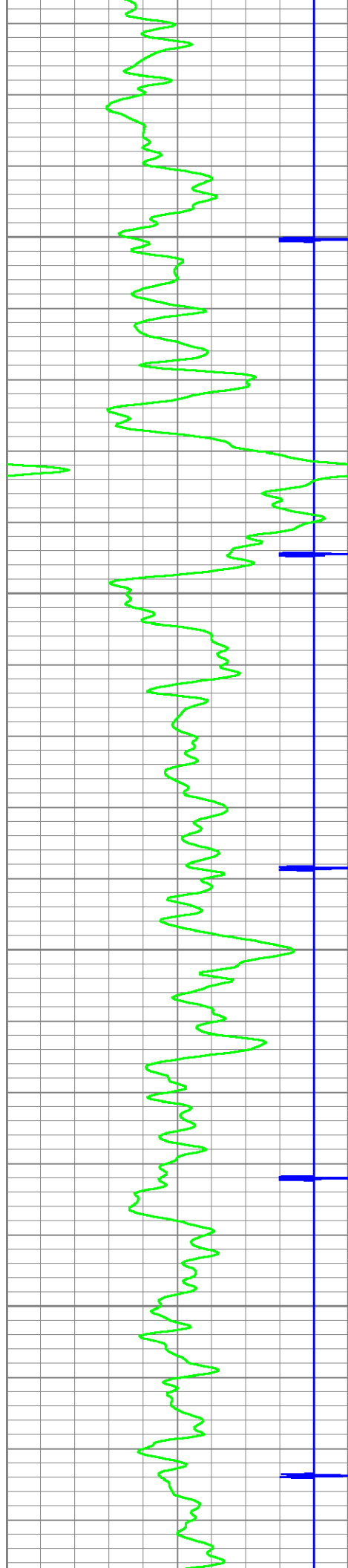
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3550

3600





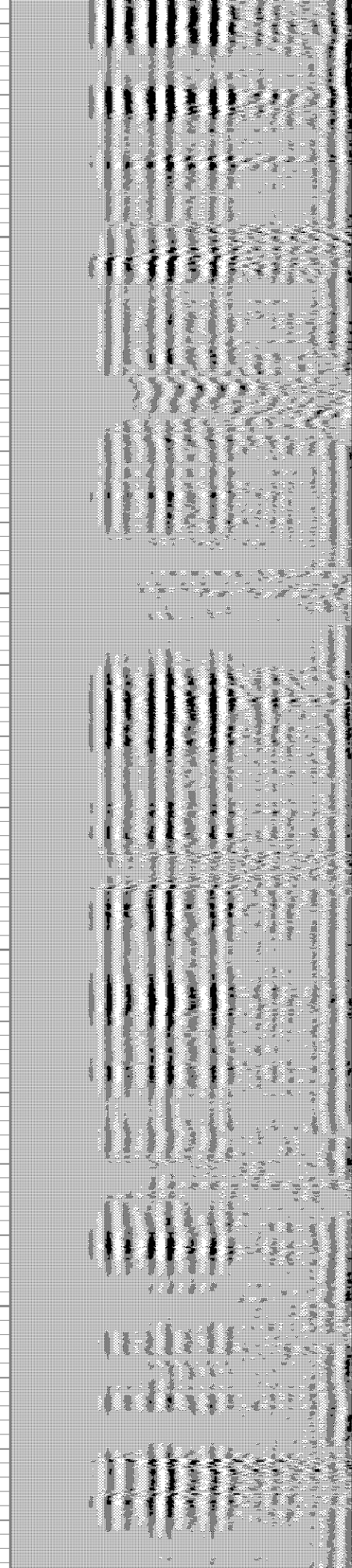
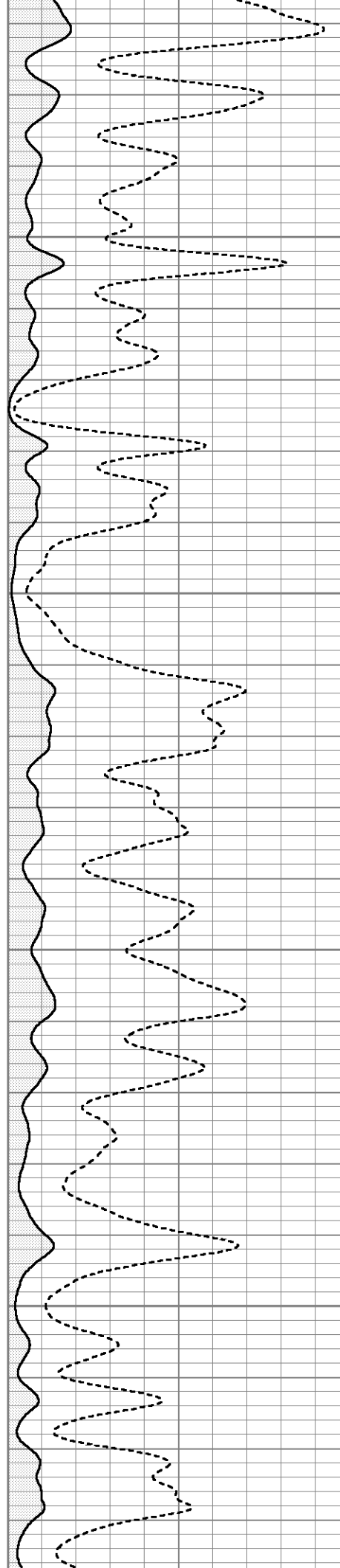


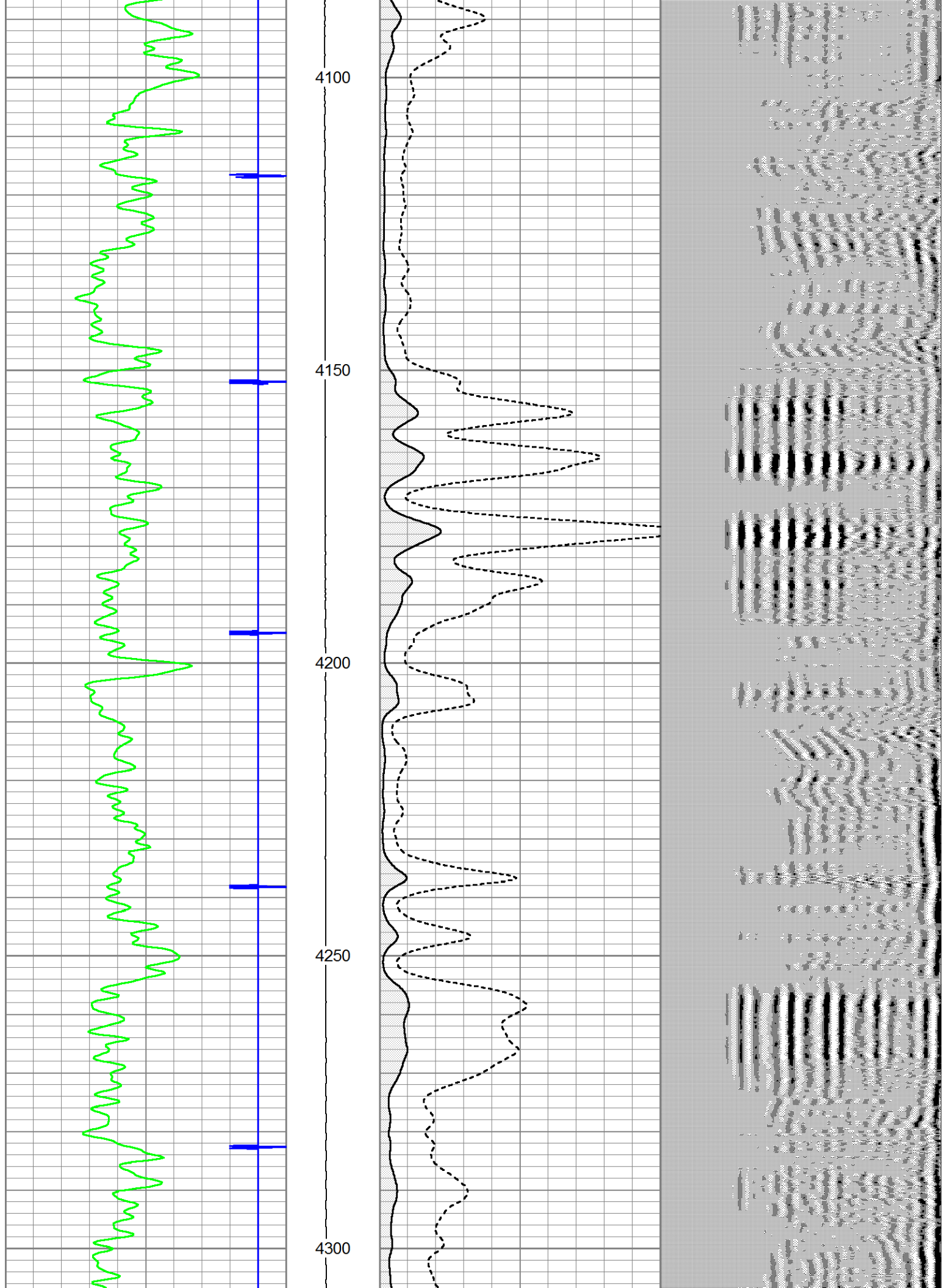
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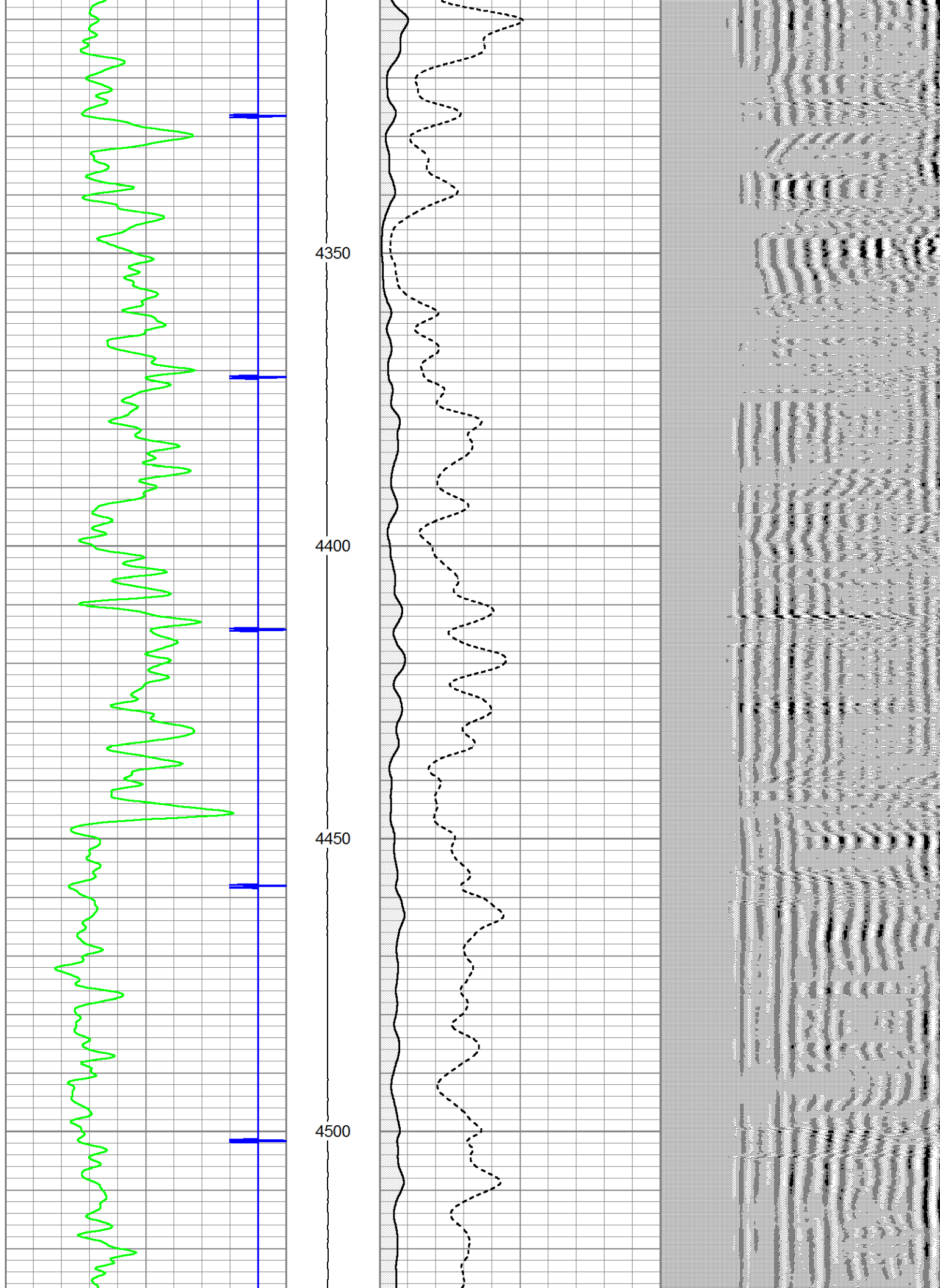
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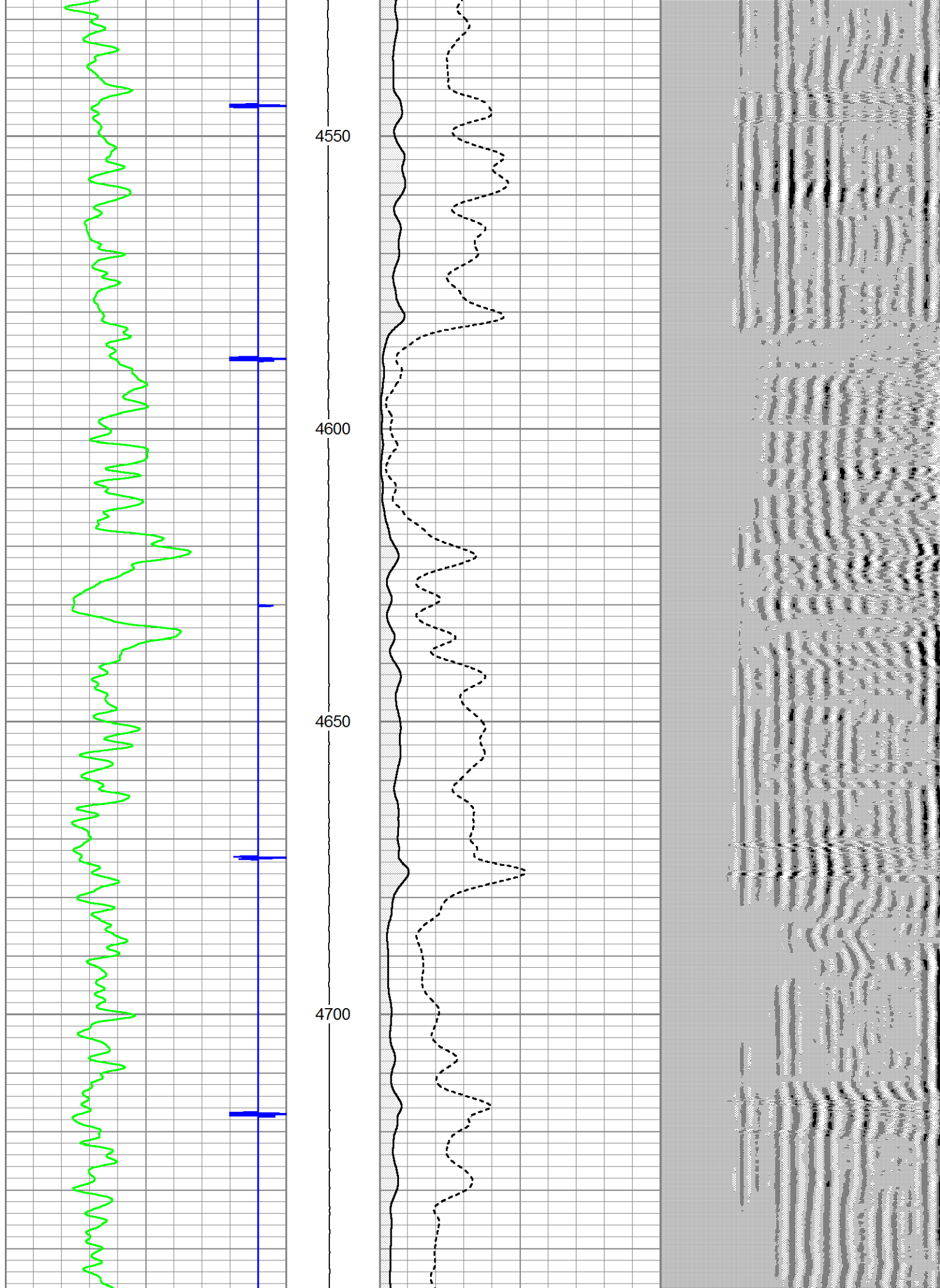
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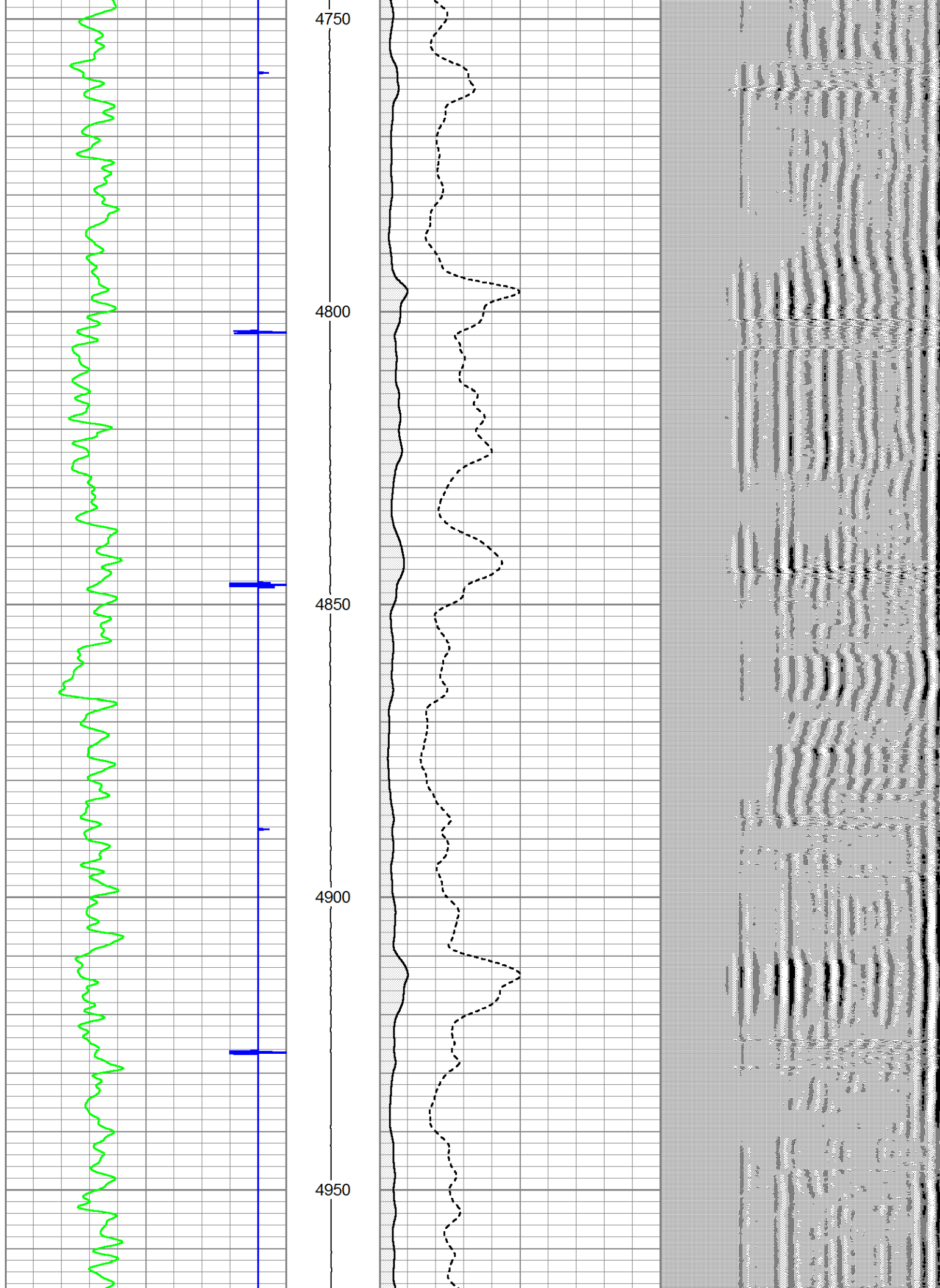
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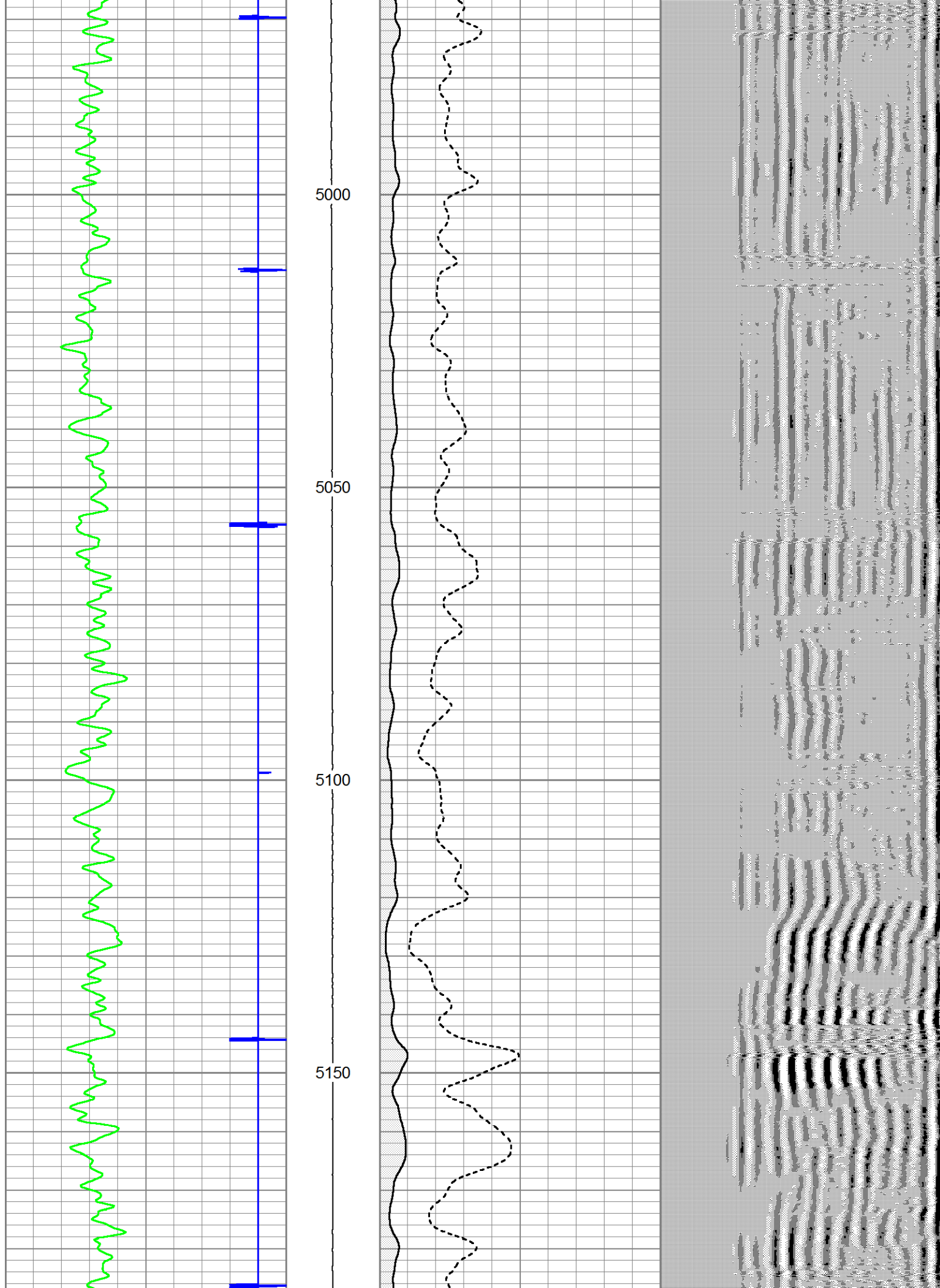


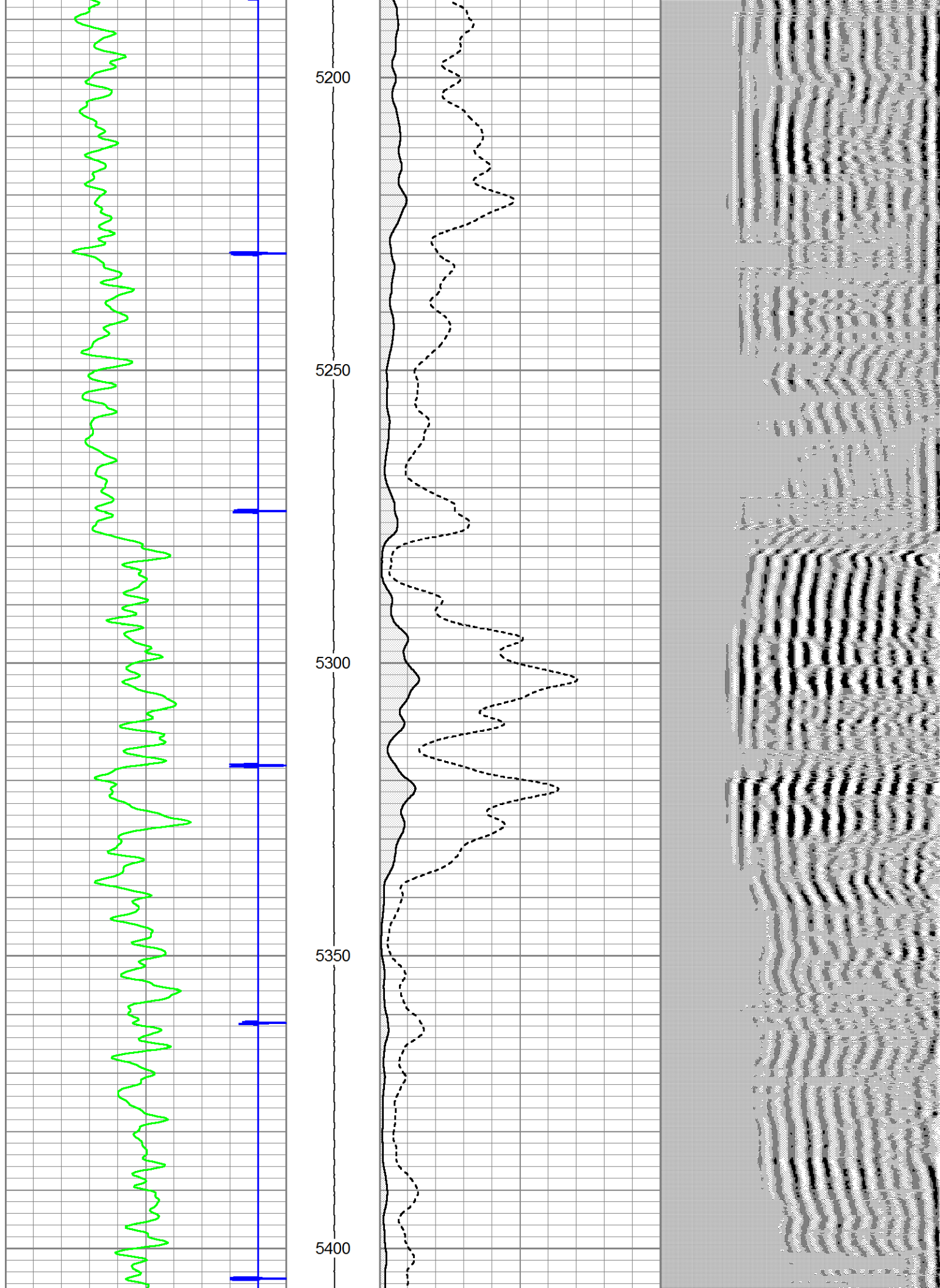


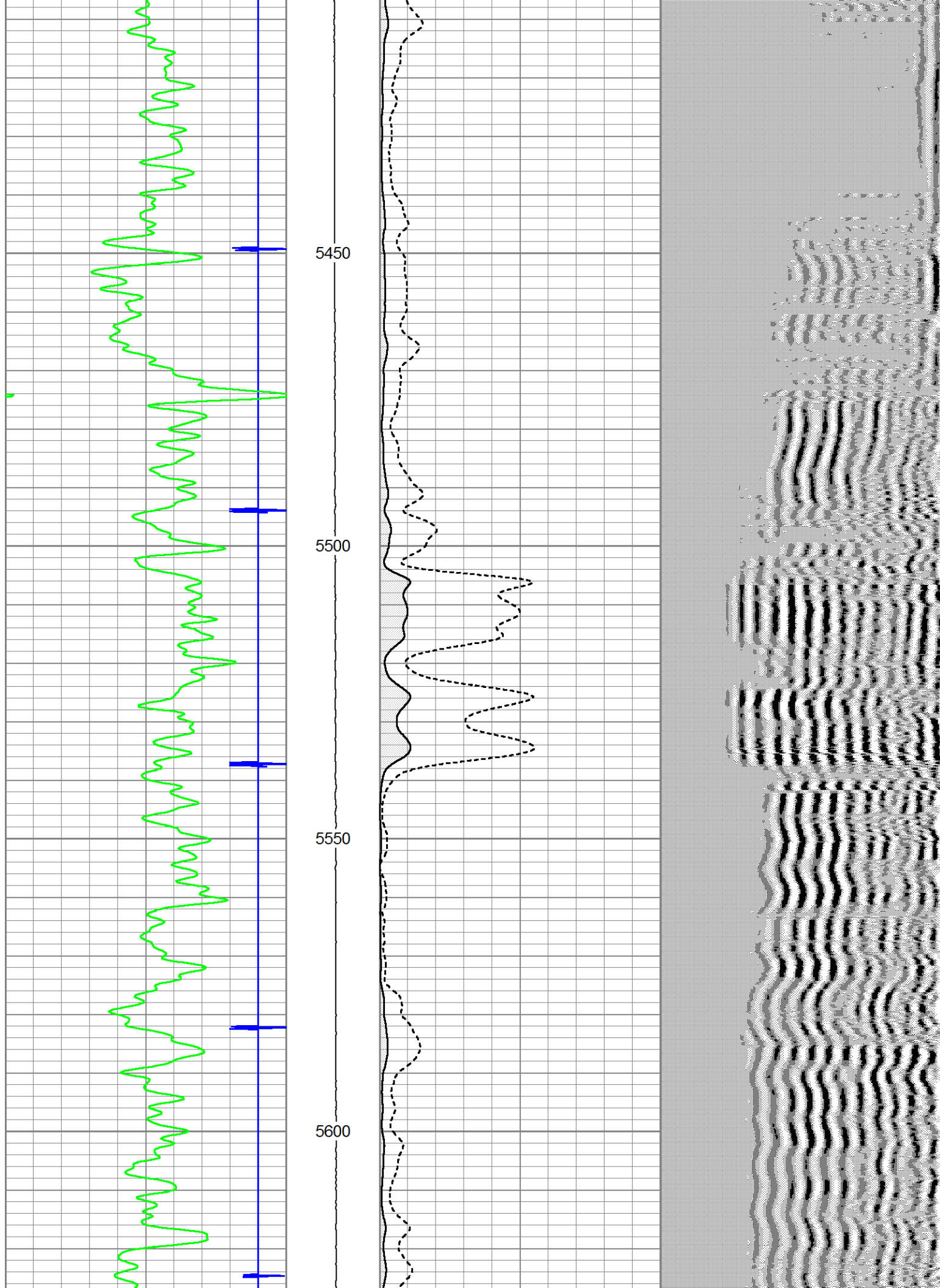


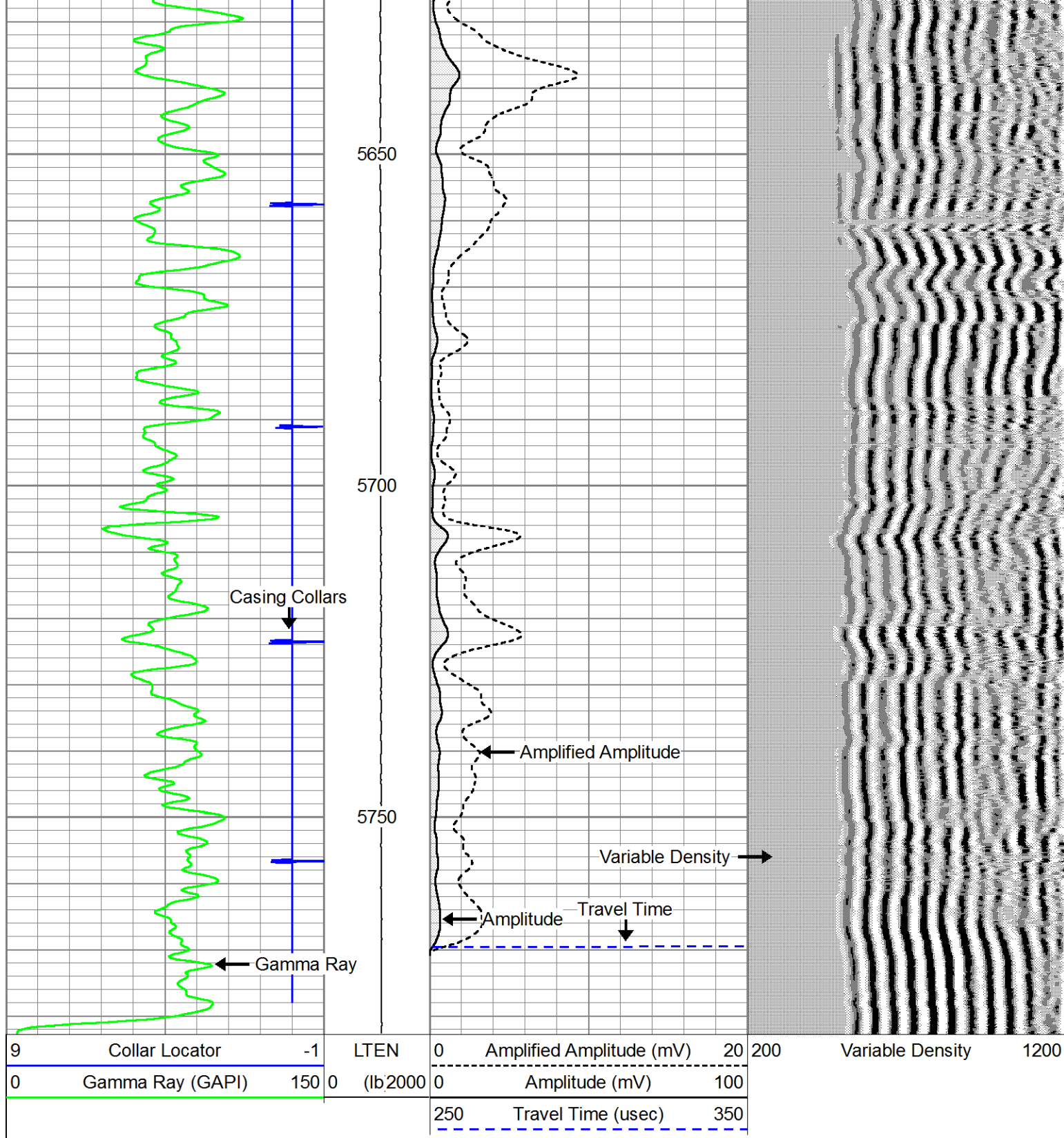








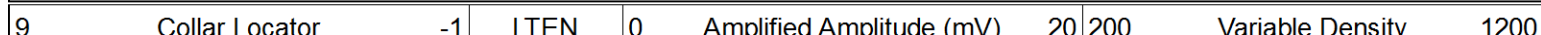




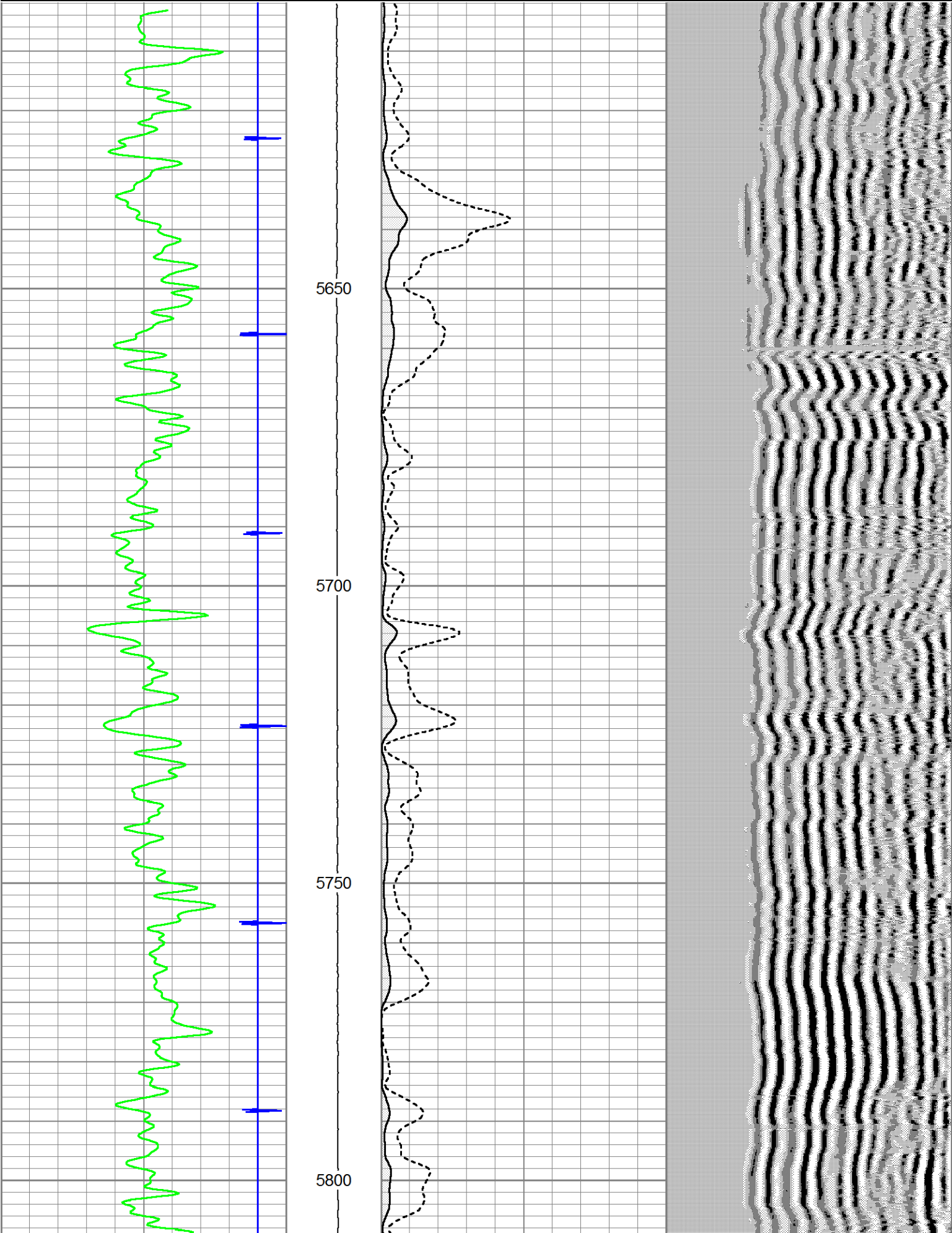
Repeat Pass

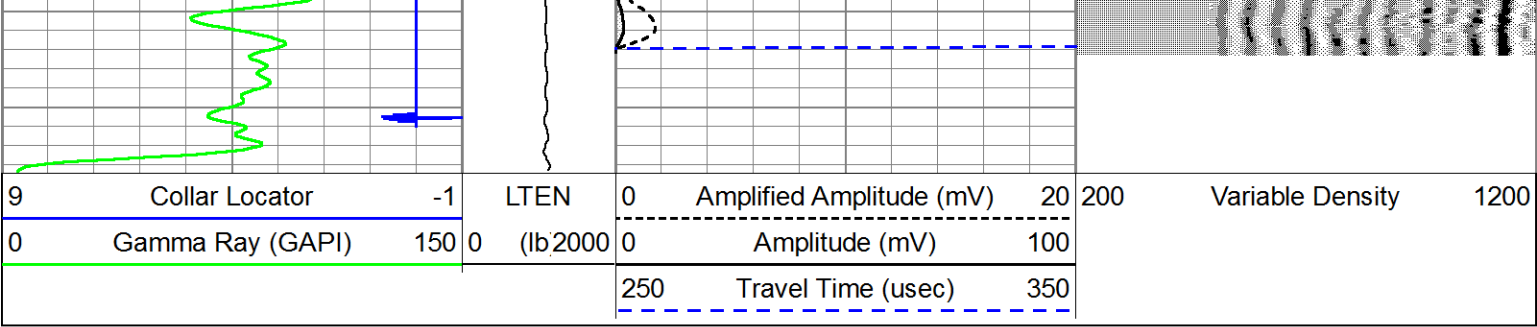
Logged with 0 PSI Surface Pressure.

Database File: chevron-a.db
 Dataset Pathname: pass4
 Presentation Format: cbl01
 Dataset Creation: Fri Apr 01 09:16:43 2016 by Log 7.0 B1
 Charted by: Depth in Feet scaled 1:240



0	Gamma Ray (GAPI)	150	0	(lb/2000)	0	Amplitude (mV)	100
					250	Travel Time (usec)	350





Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			Titan 1 7/16" Cable Head	1.00	1.44	1.00
			Probe	2.86	2.75	40.00
WVF3	13.19		CBL-HurstBond (hb1) Hurst Bond Tool Dual Reciever	8.83	2.75	50.00
WVF5	12.19					
			Probe	2.86	2.75	40.00
CCL	4.71		CCL-TITAN (TITN) Titan 2 3/4" Collar Locator	1.92	2.75	11.00

