



Radial Cement Bond
Gamma Ray
Casing Collar Log

Company		Terra Energy Partners, LLC		Country		USA
Well		Federal NR 33-4		Field		Rulison
County		Garfield		State		Colorado
Date		8-AUG-2022		Location:		API # : 05-045-24467
Run Number		One		SEC 3		TWP 6S
Depth Driller		11032 FT		Ground Level		RGE 94W
Depth Logger		10964 FT		Log Measured From		Kelly Bushing
Bottom Logged Interval		10960 FT		Drilling Measured From		Kelly Bushing
Top Log Interval		Surface		Elevation		6728'
Open Hole Size		8.75"		Elevation		---
Type Fluid		Water		K.B. 6758'		
Density / Viscosity		8.34 lb/gall		D.F. 6759'		
Max. Recorded Temp.		259° F		G.L. 6730'		
Estimated Cement Top		See Log				
Time Well Ready		ROA				
Time Logger on Bottom		14:30				
Equipment Number		8093				
Location		Grand Junction				
Recorded By		A. Ellsworth				
Witnessed By		D. Welsh				
Run Number		Borehole Record		Tubing Record		
Bit		From		To		
Casing Record		Size		Wgt/Ft		Top
Surface String		9.625"		38 lb		Surface
Prot. String						
Production String		4.5"		11.6 lb		Surface
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

Log is correlated to 30 K.B.
Log ran with 0 PSI at surface
Marker Joint logged from 6332 FT - 6342 FT

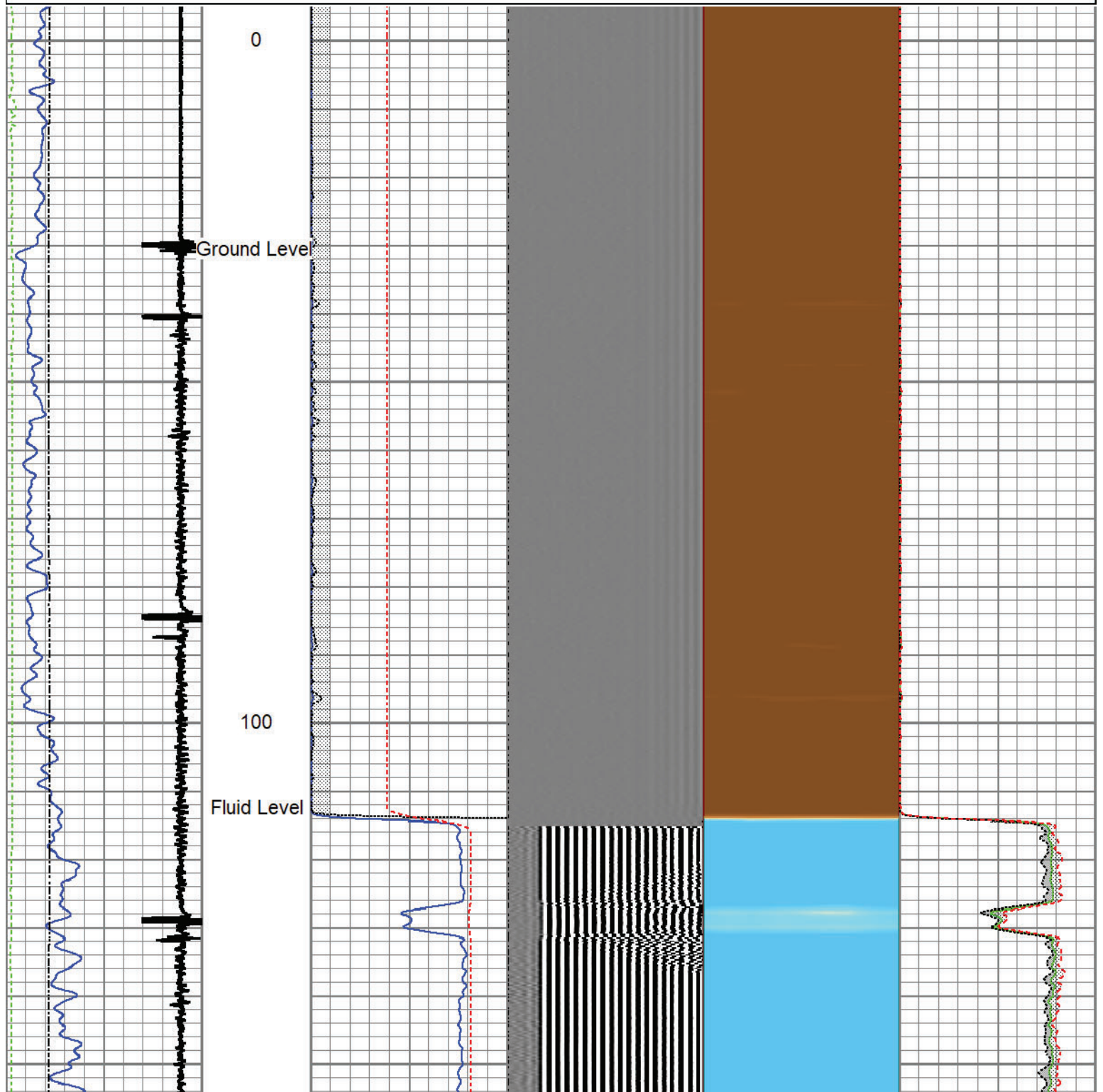
Thank you for choosing The Wireline Group.

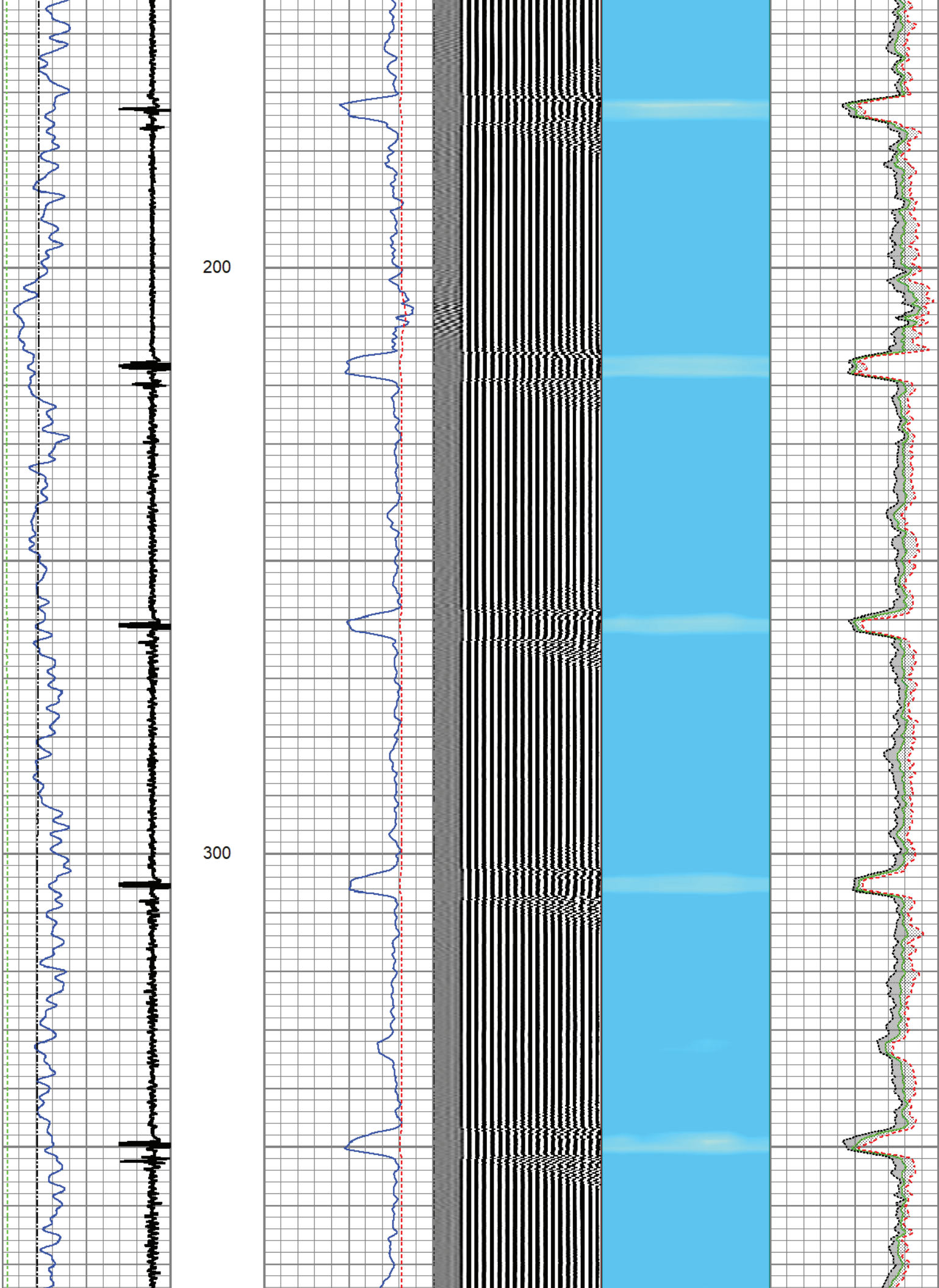


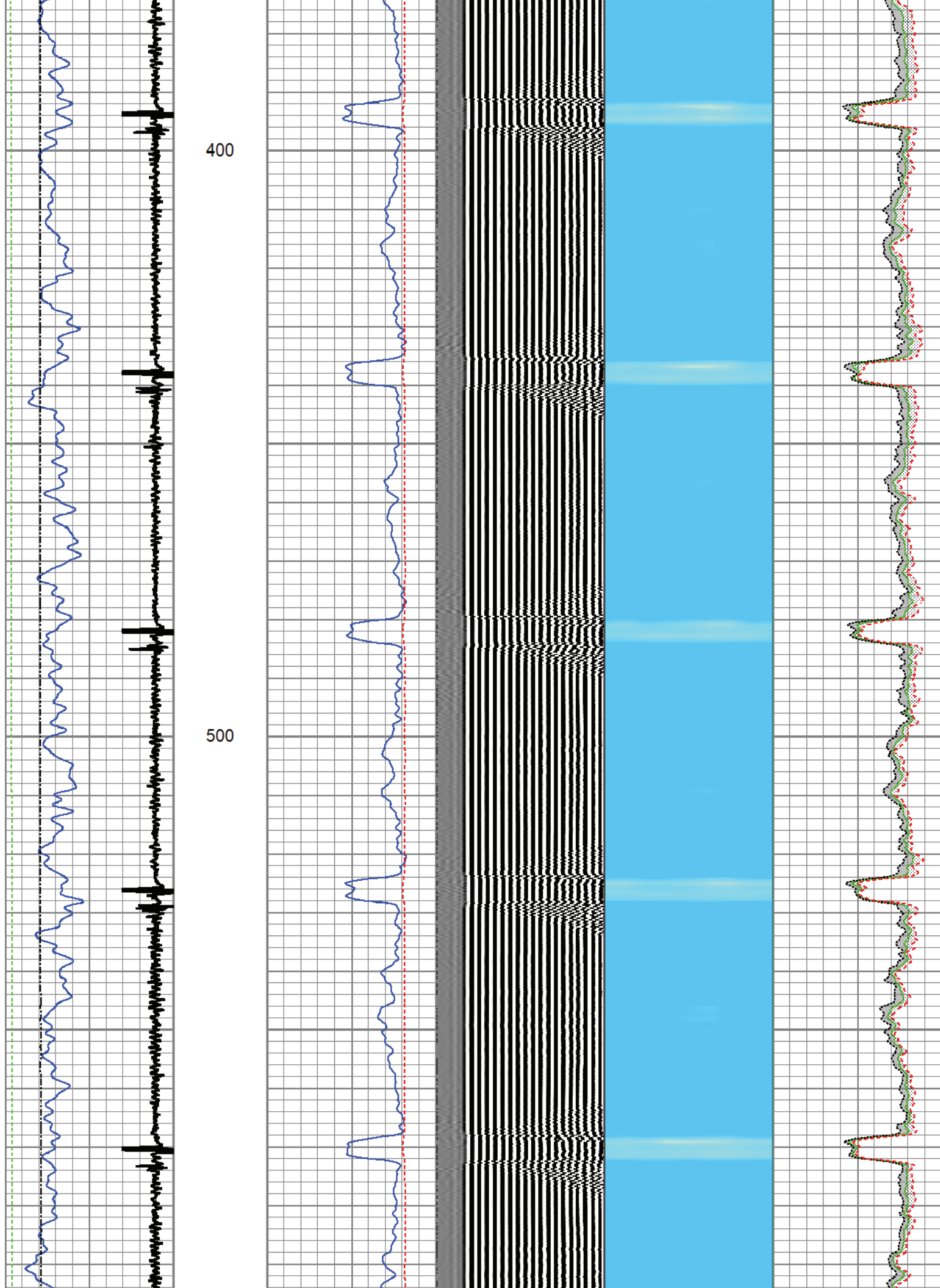
Main Pass 5" = 100'

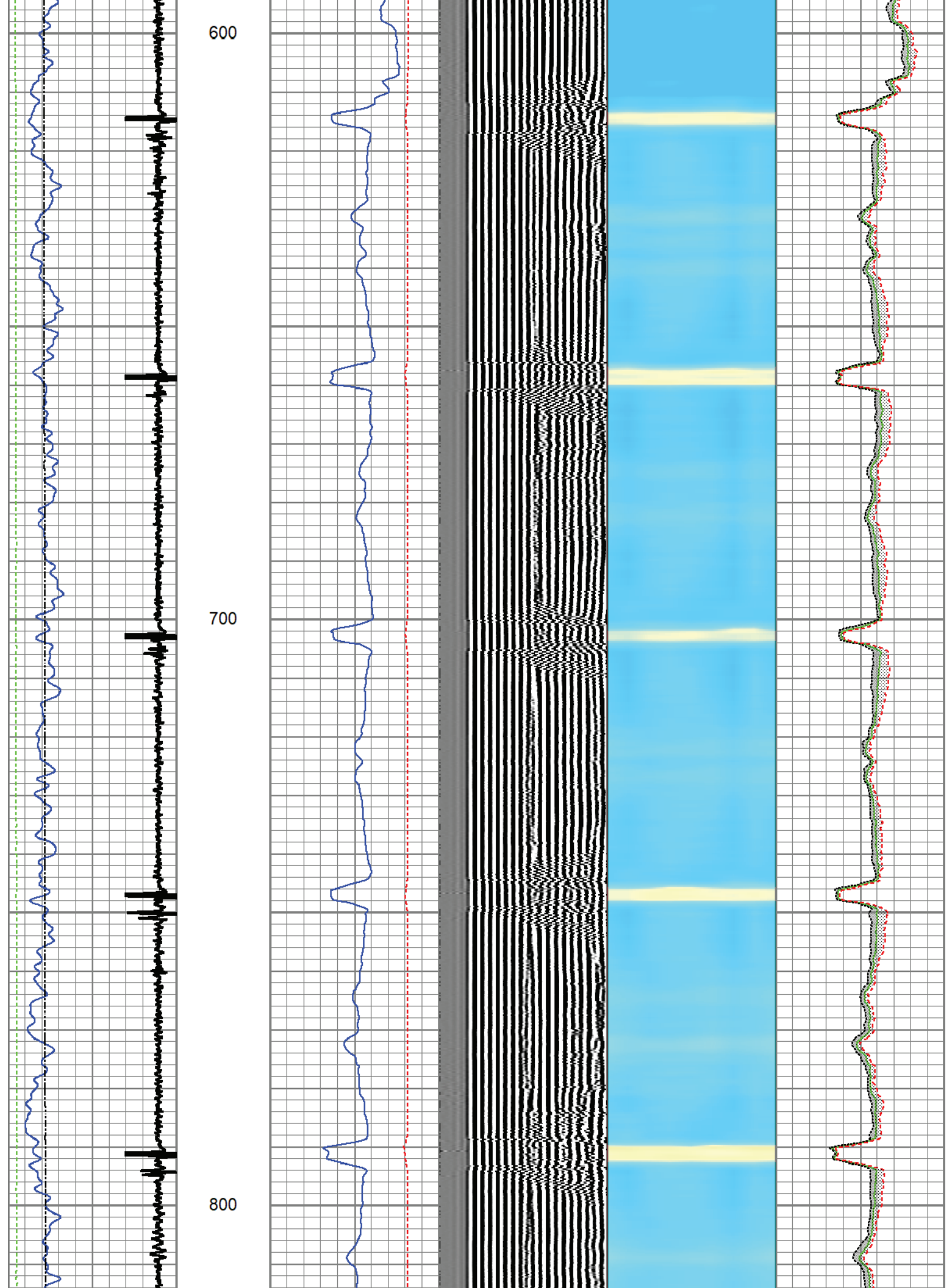
Database File	tep_nr 33-4_rcbl_8-8-2022.db
Dataset Pathname	main
Presentation Format	twgrcbl
Dataset Creation	Mon Aug 08 14:40:58 2022
Charted by	Depth in Feet scaled 1:240

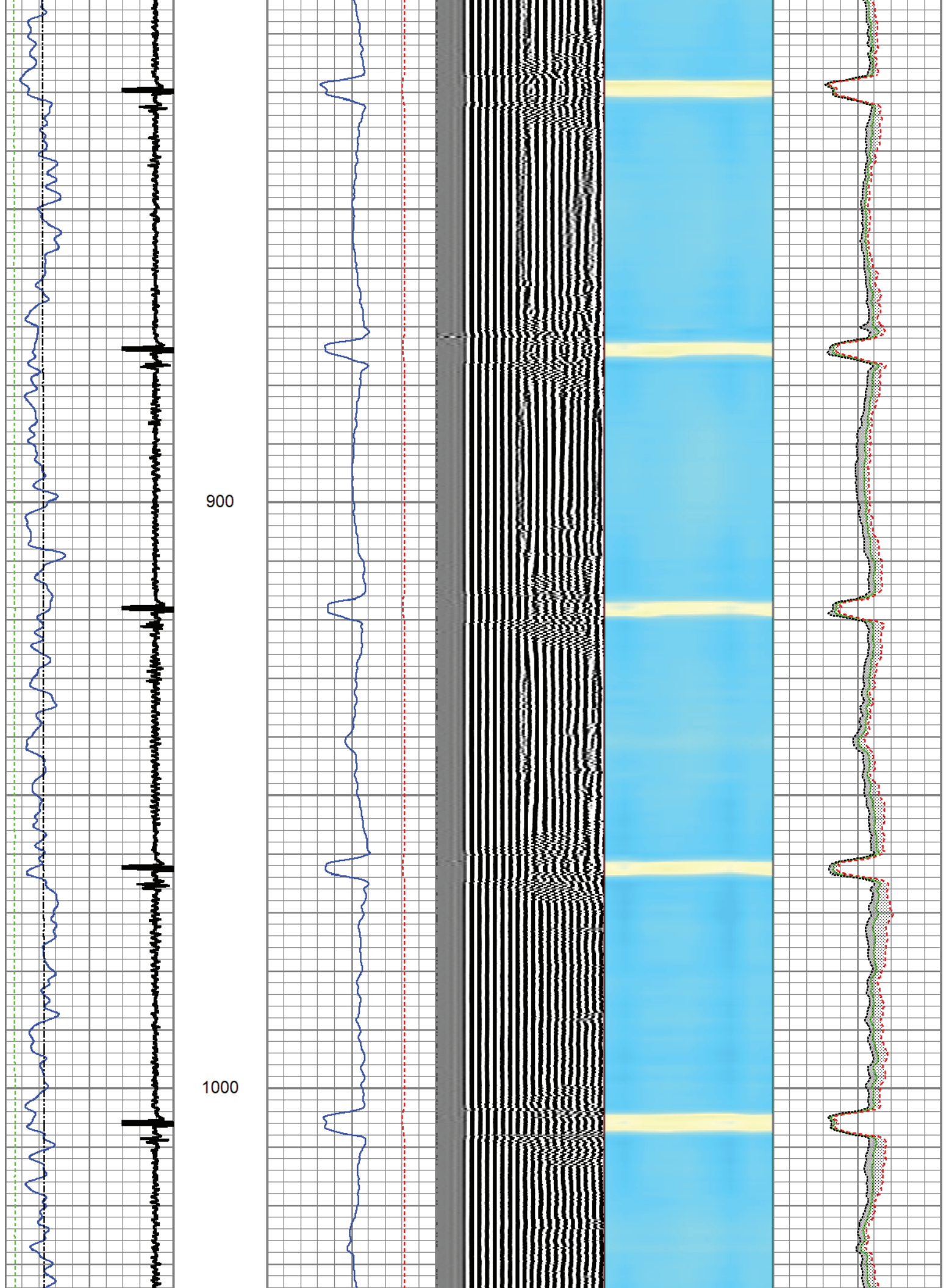
Gamma Ray 0 (GAPI) 200	3' Amplitude 0 (mV) 100	5' Variable Density Log 200 (usec) 1200	Sector Map	Average Amplitude 0 120
Line Tension 0 (lb) 4000	3' Amplitude x 5 0 (mV) 20			Minimum Amplitude 0 120
GCT_Temp 0 (degF) 300	3' Travel Time 650 (usec) 150			Maximum Amplitude 0 120
-9 CCL\$1 1				

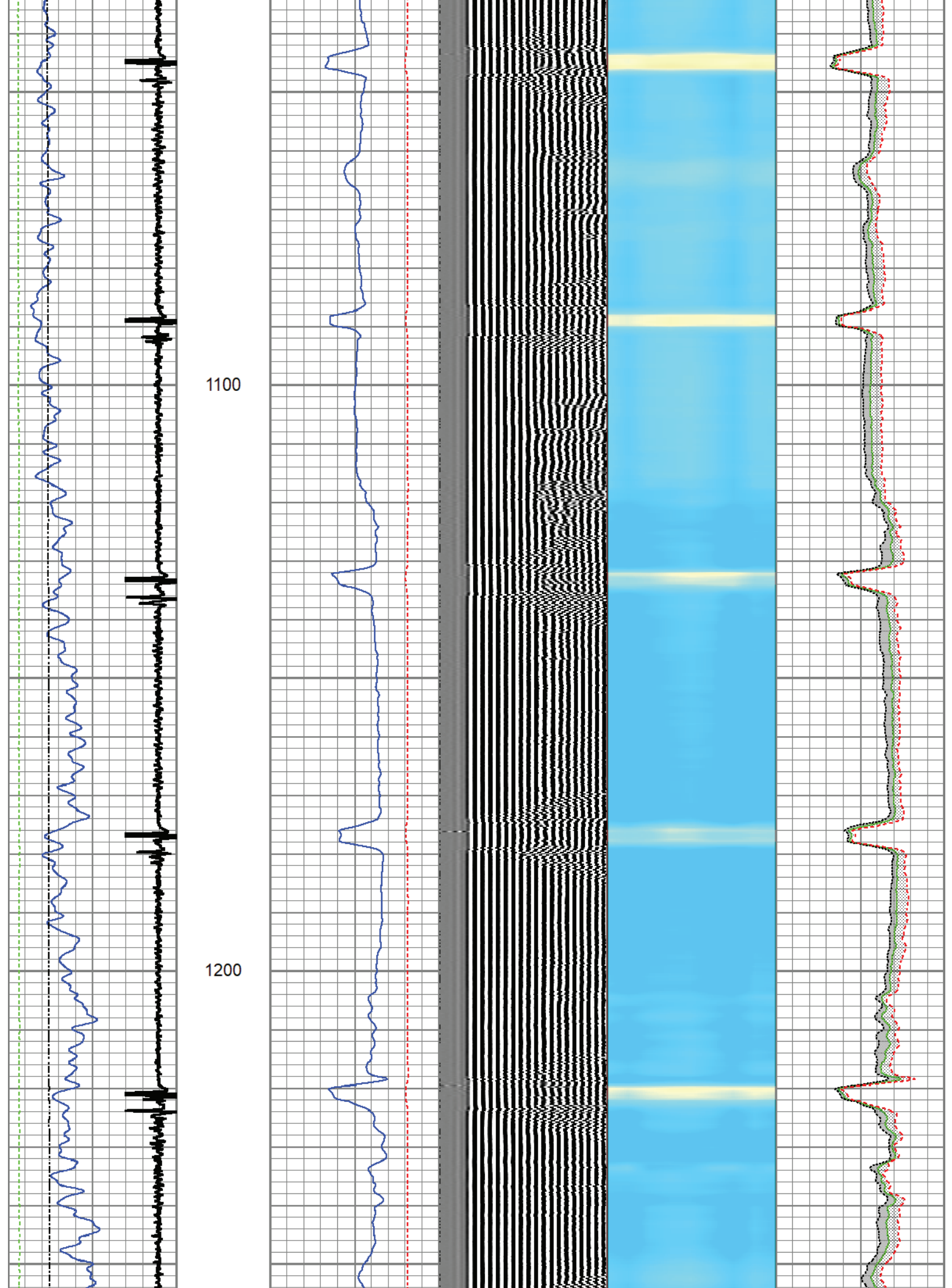


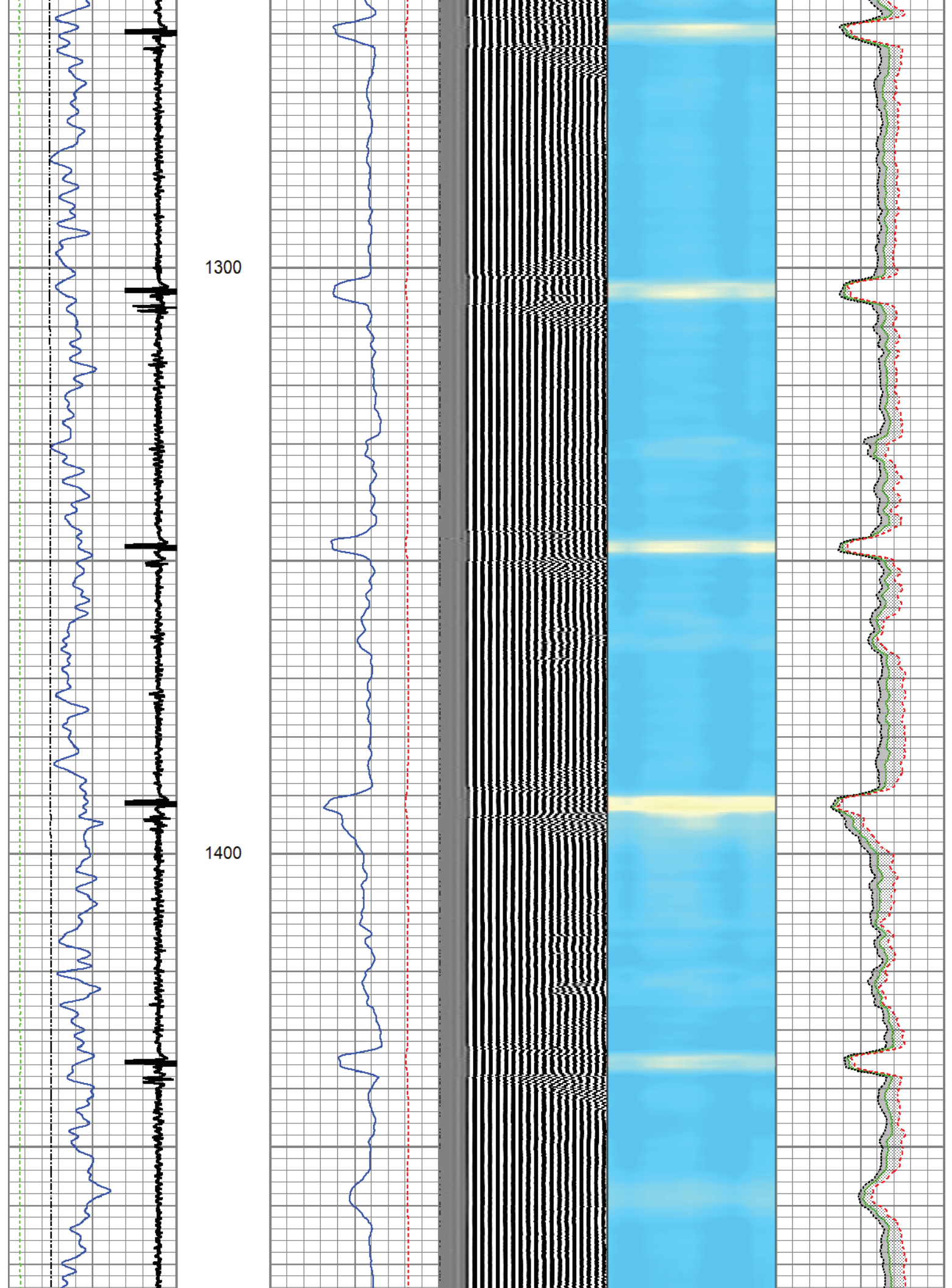


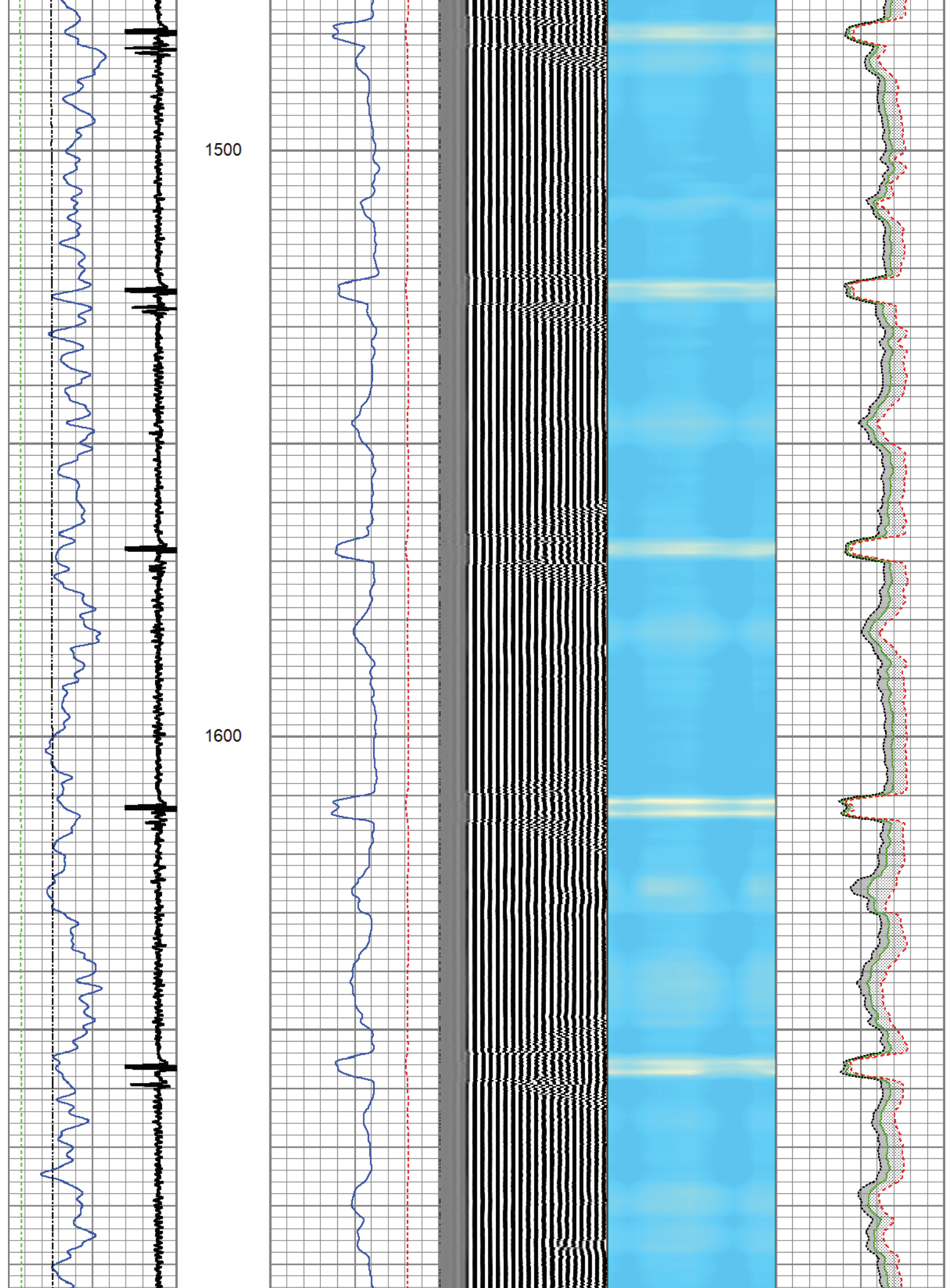


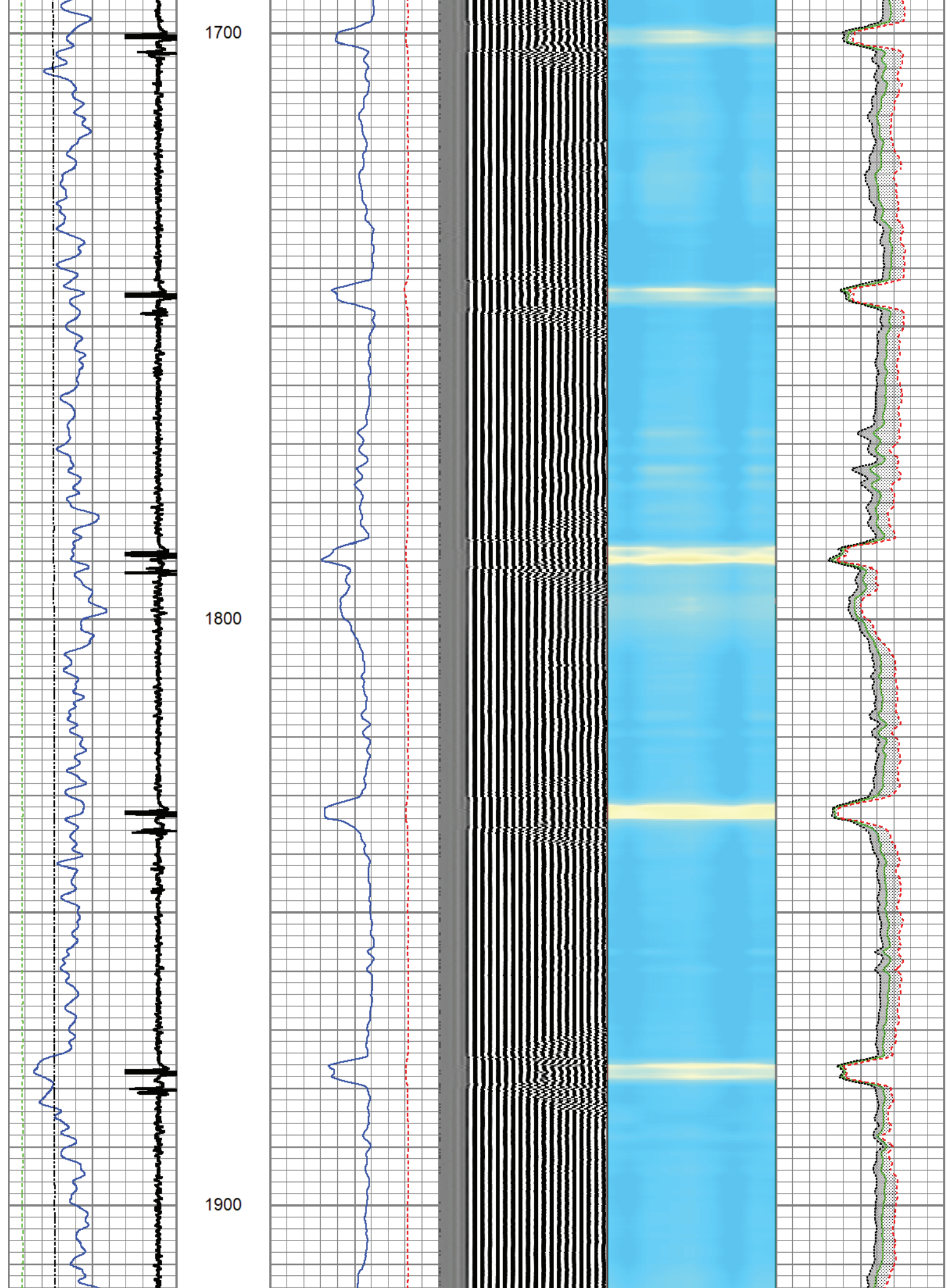


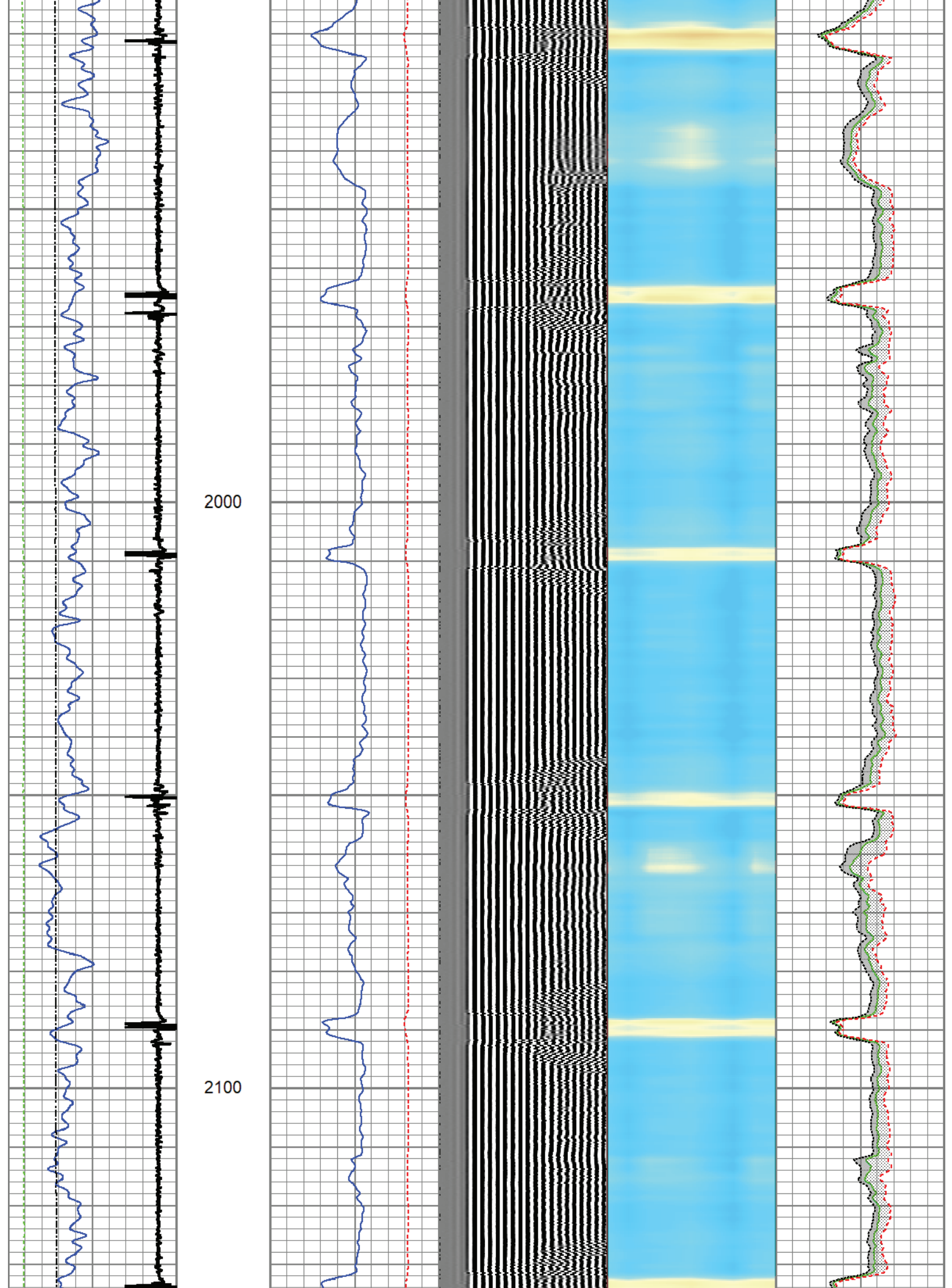






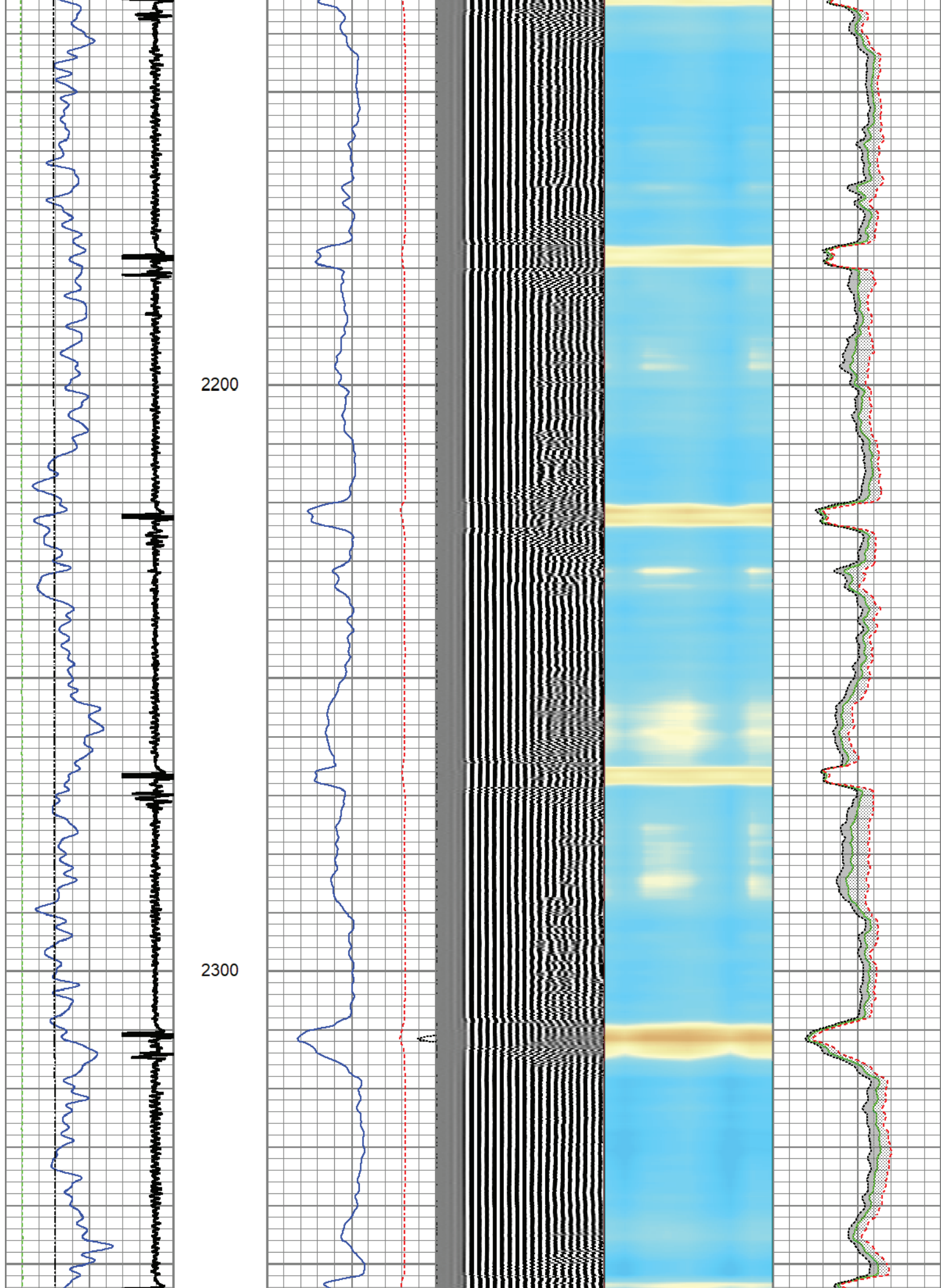


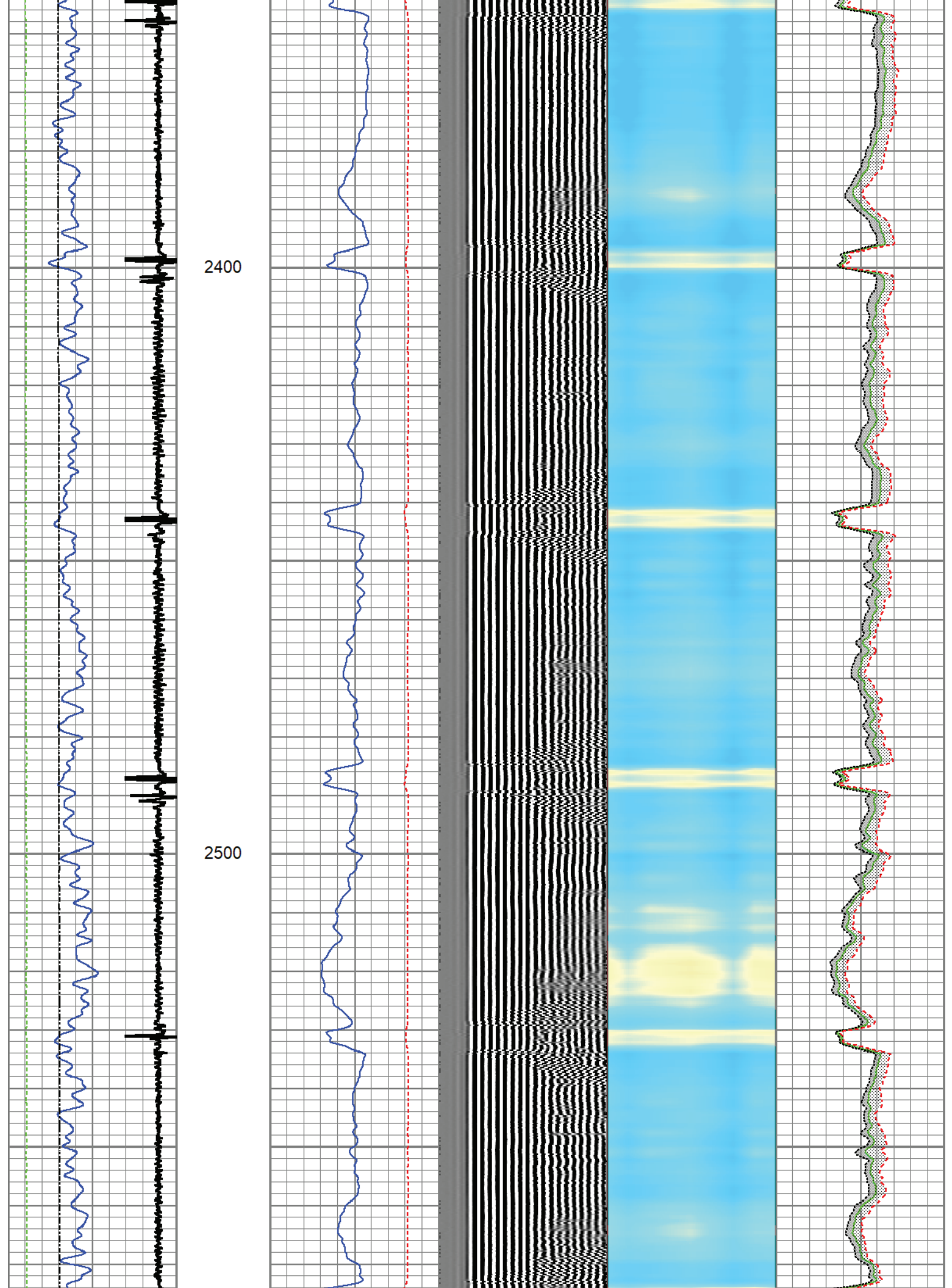


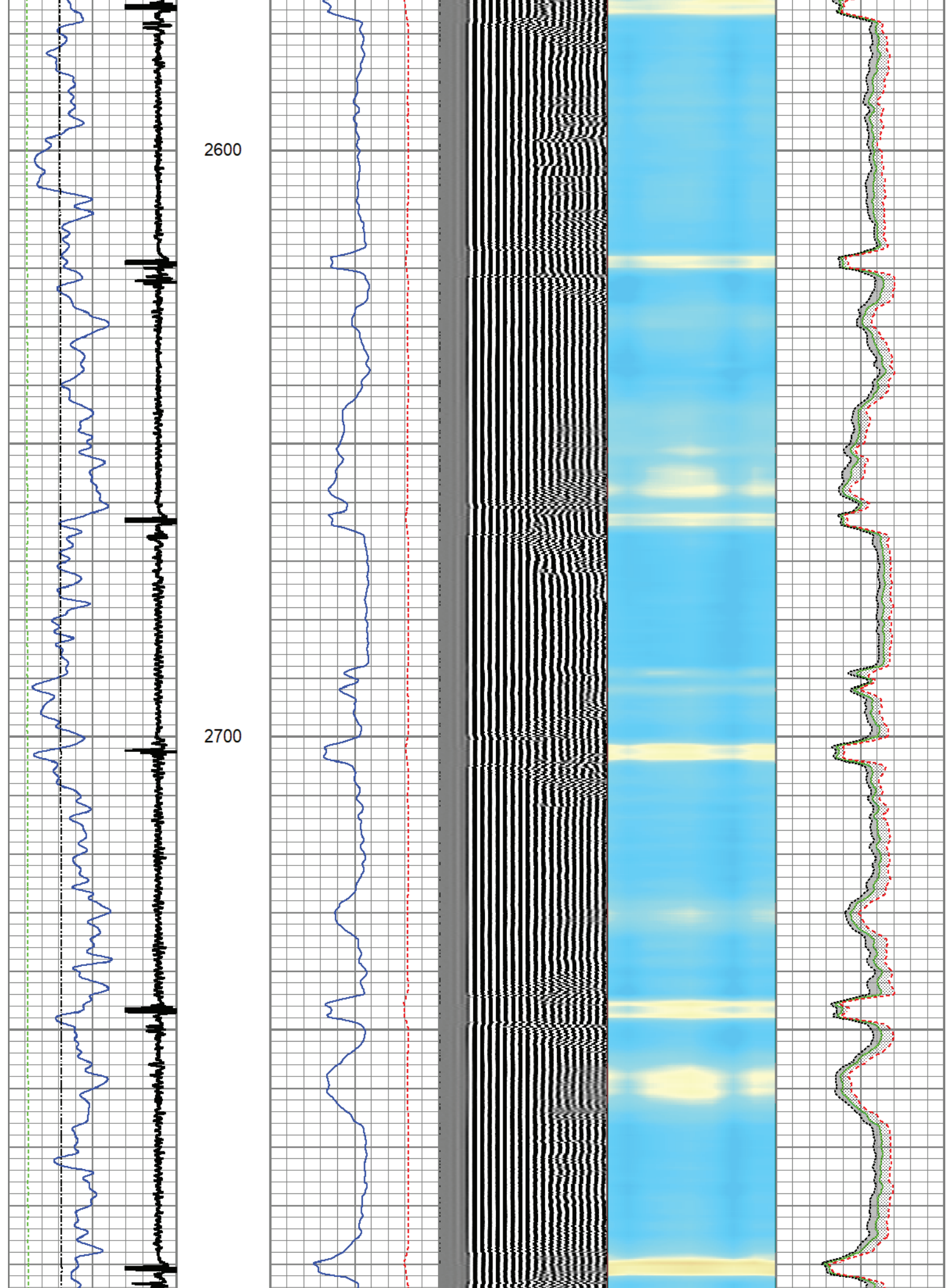


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2300



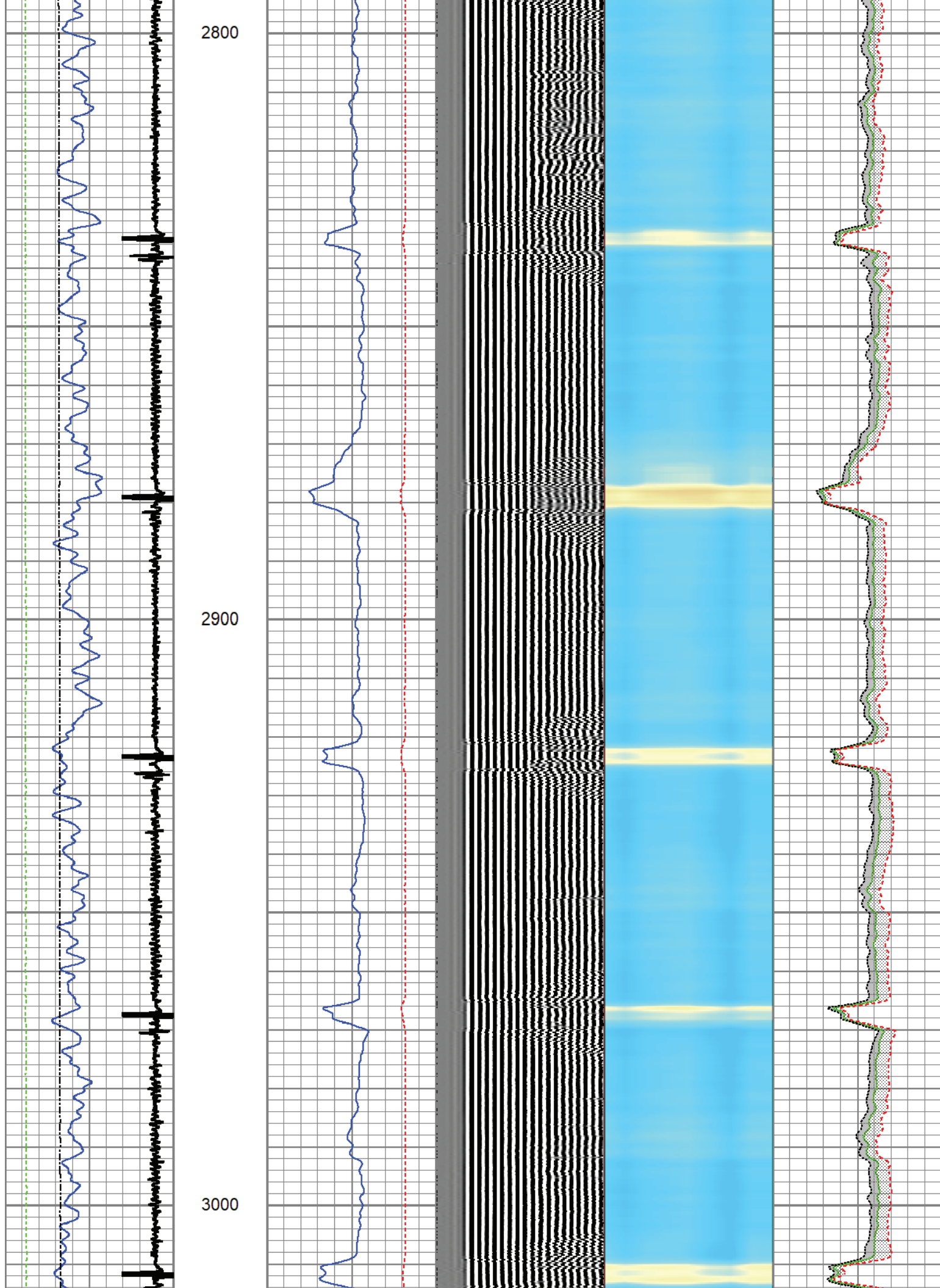


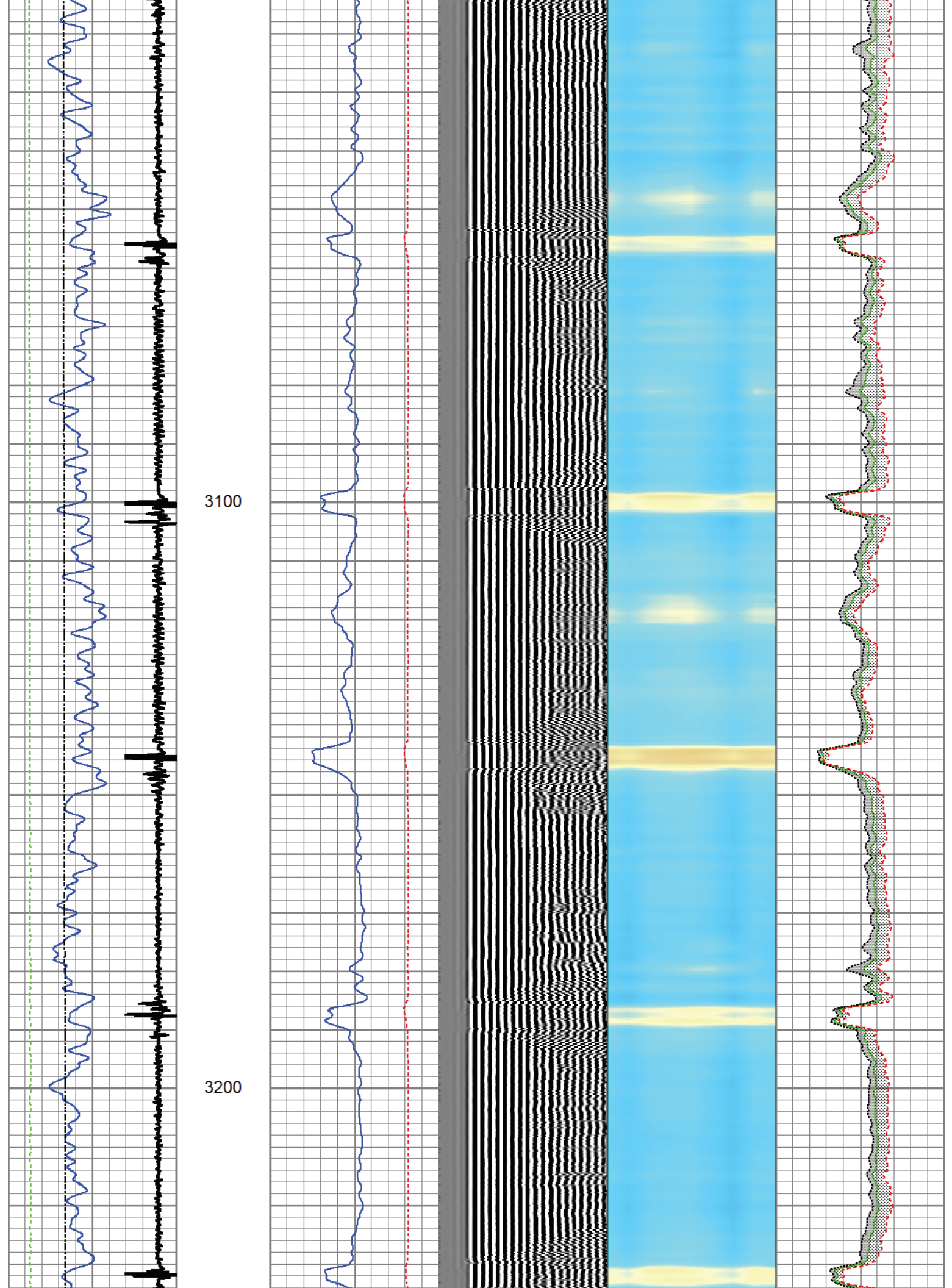


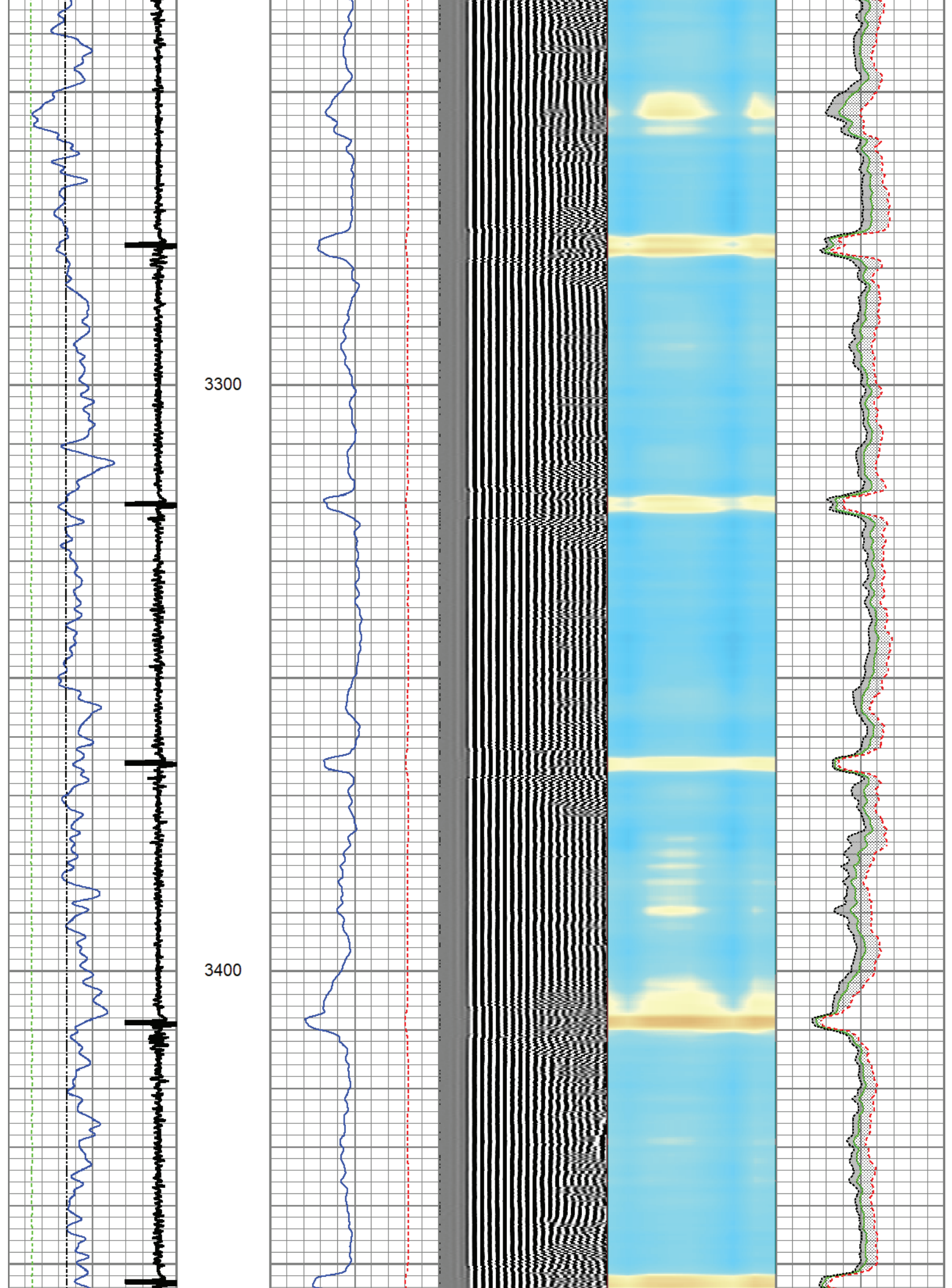
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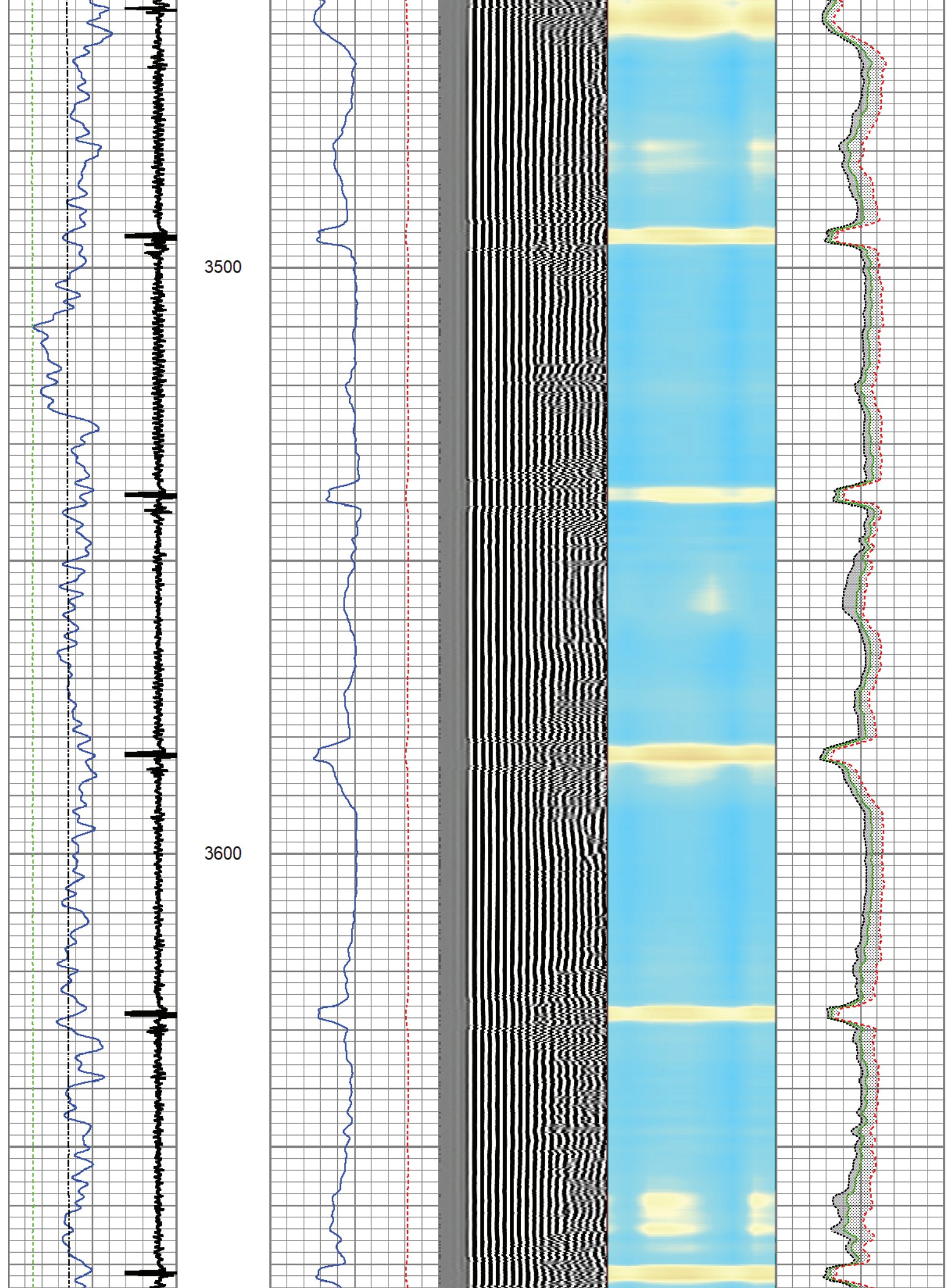
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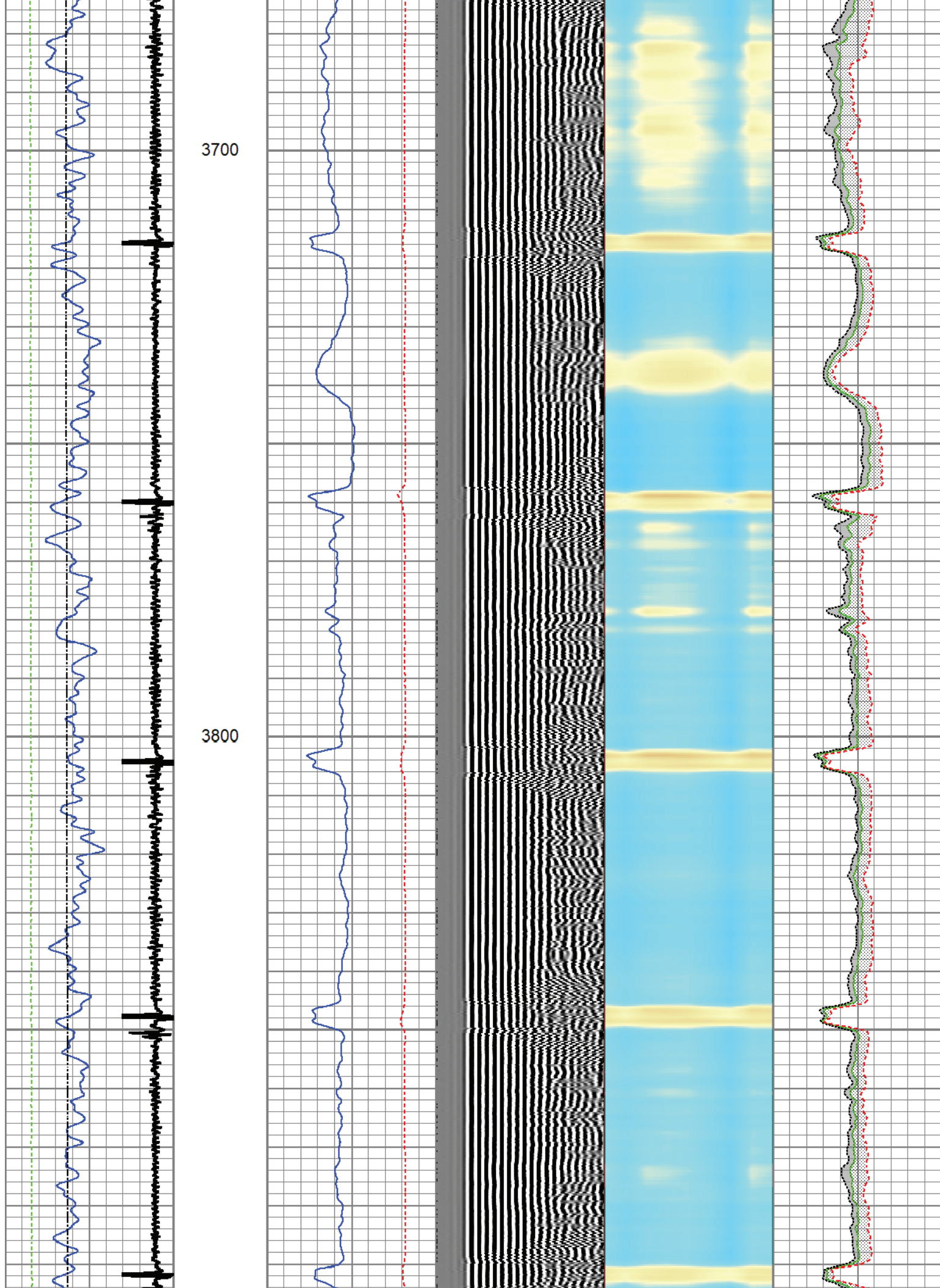


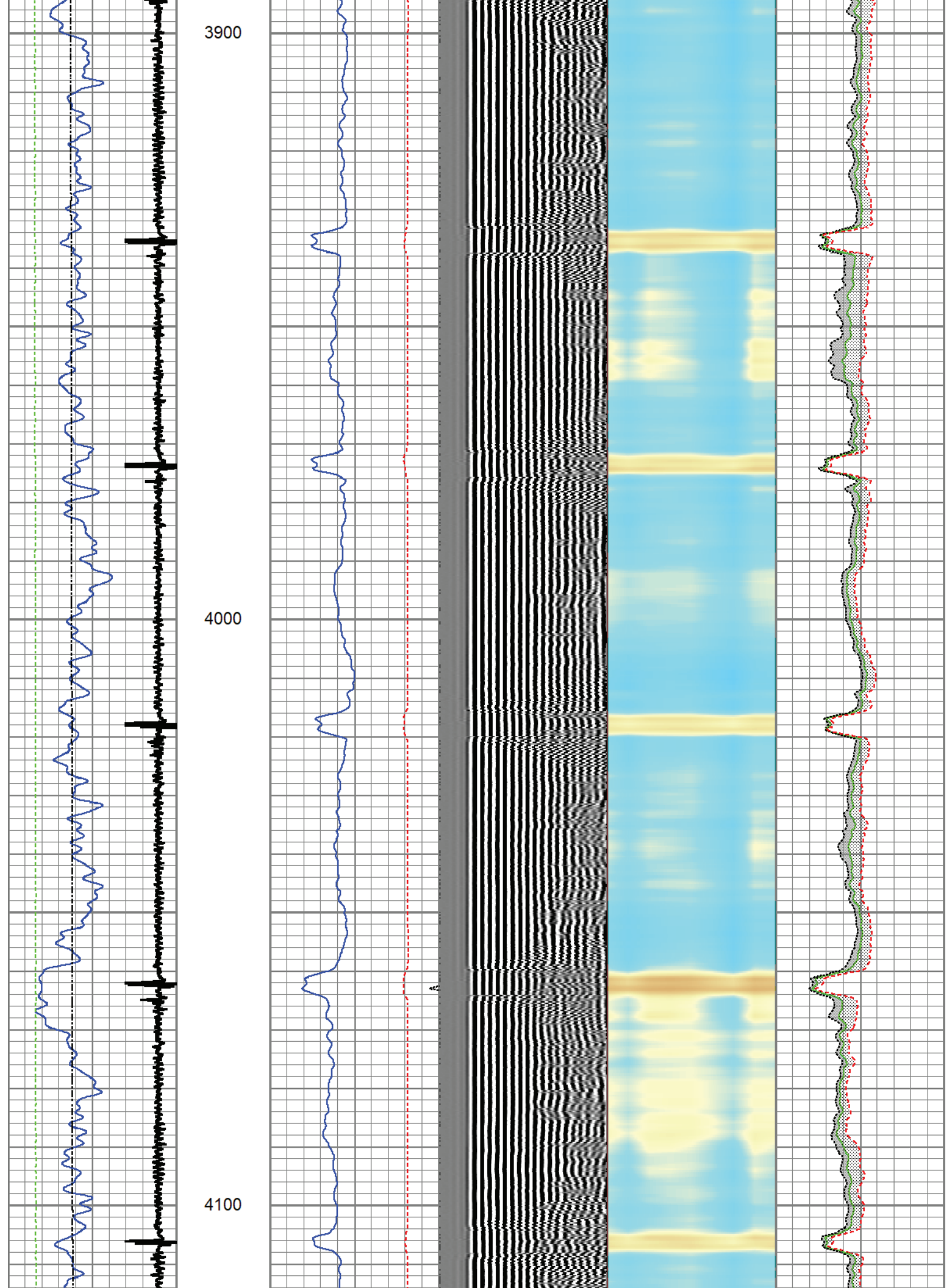


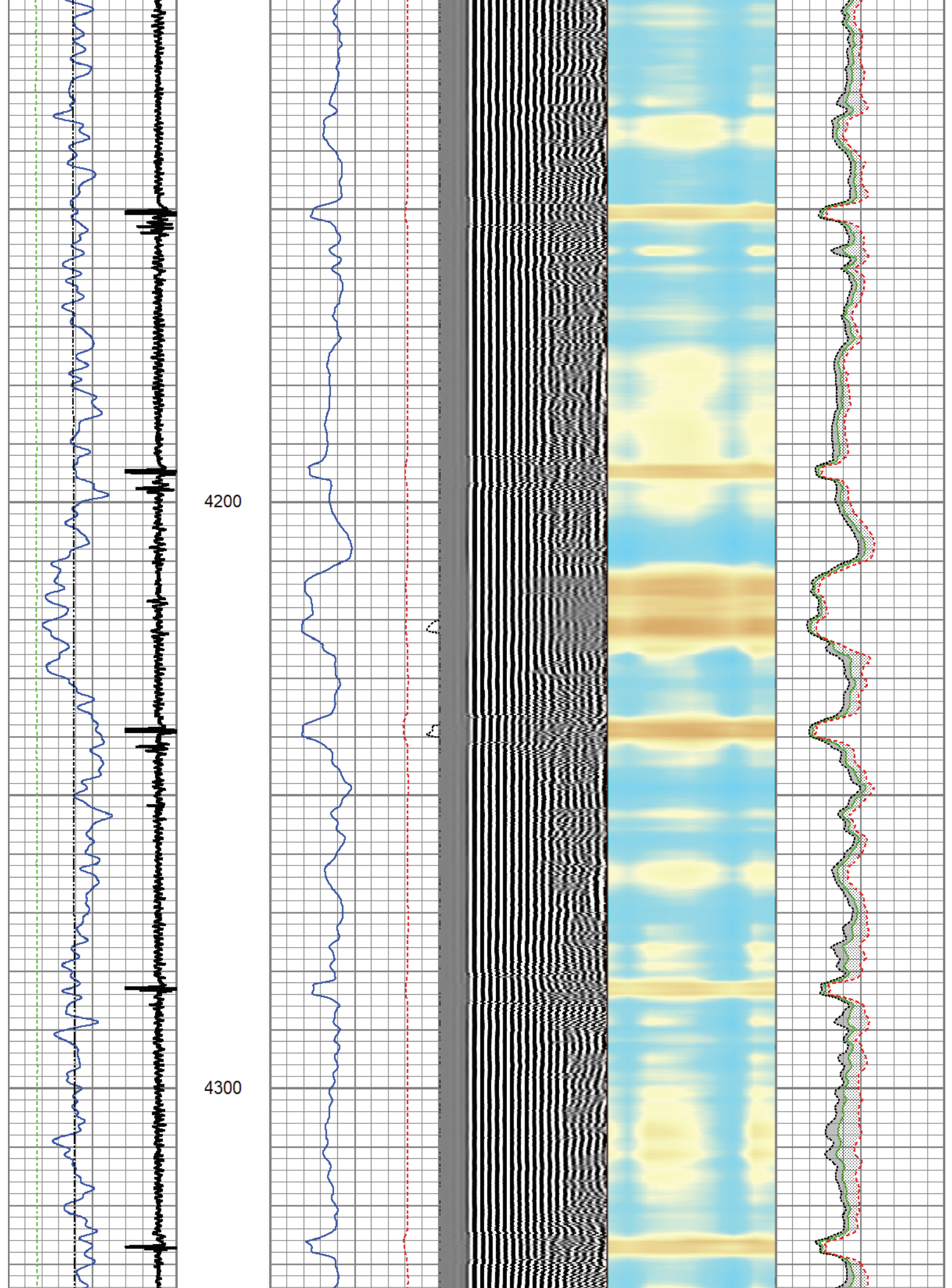


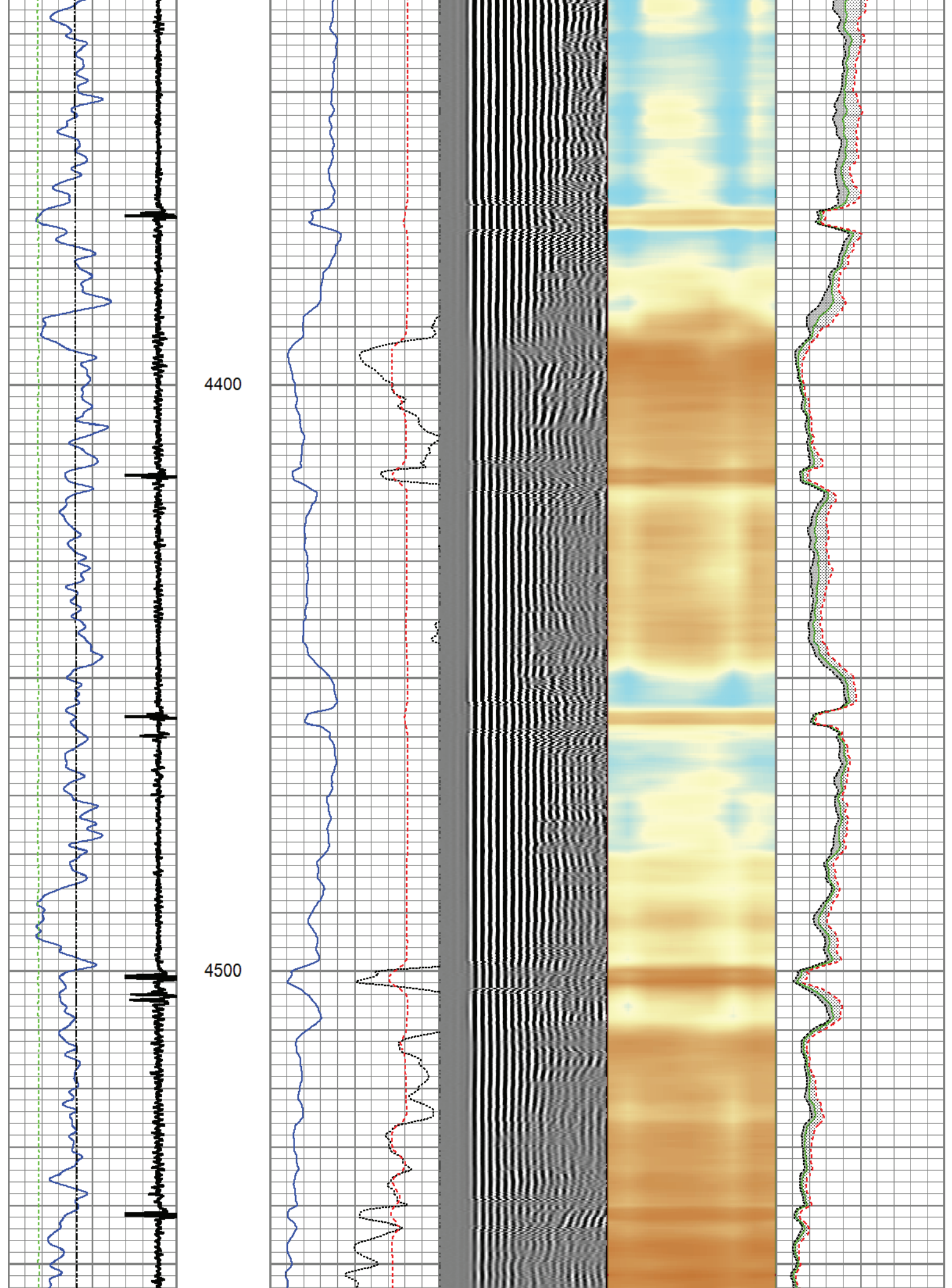
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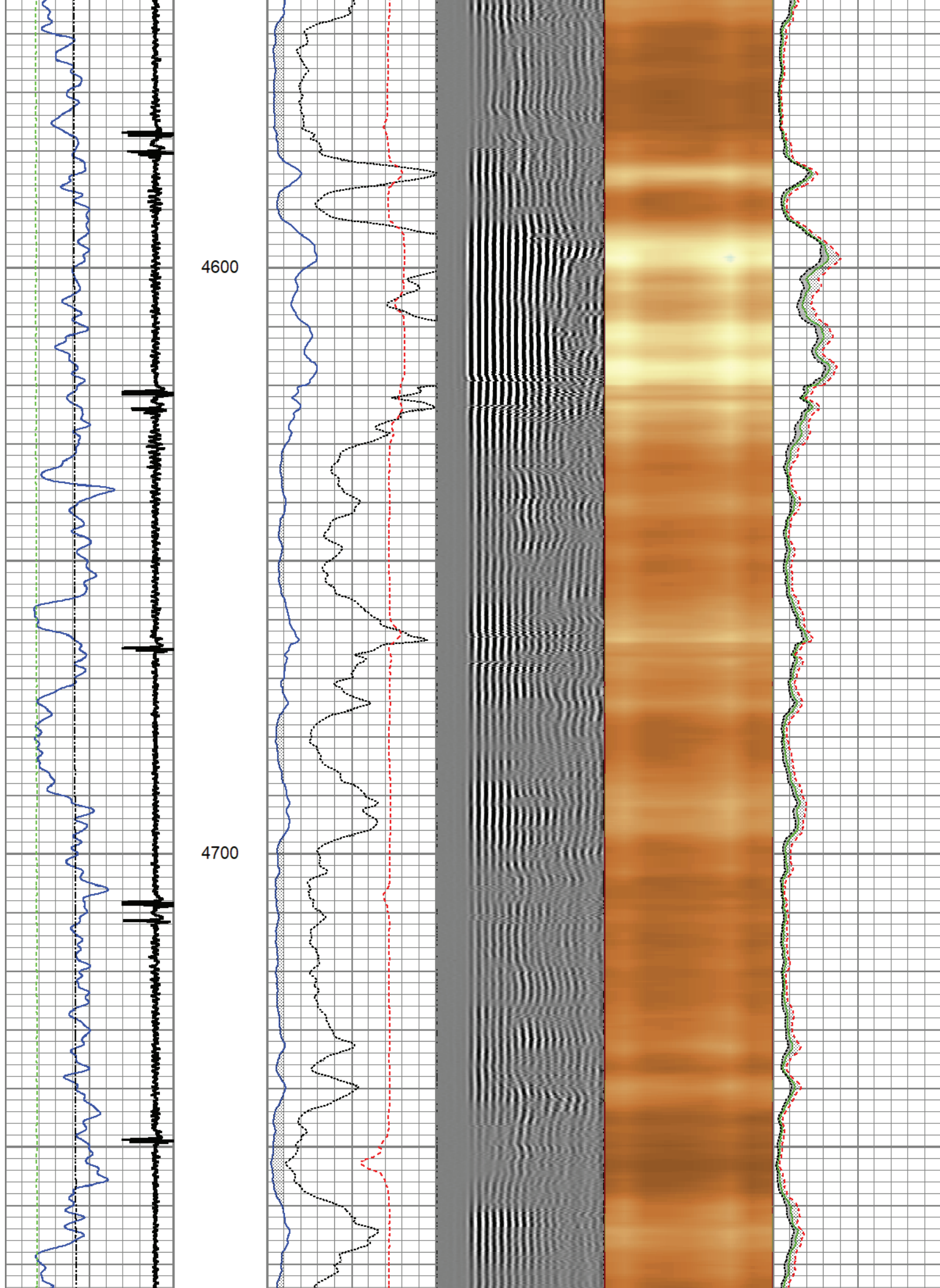






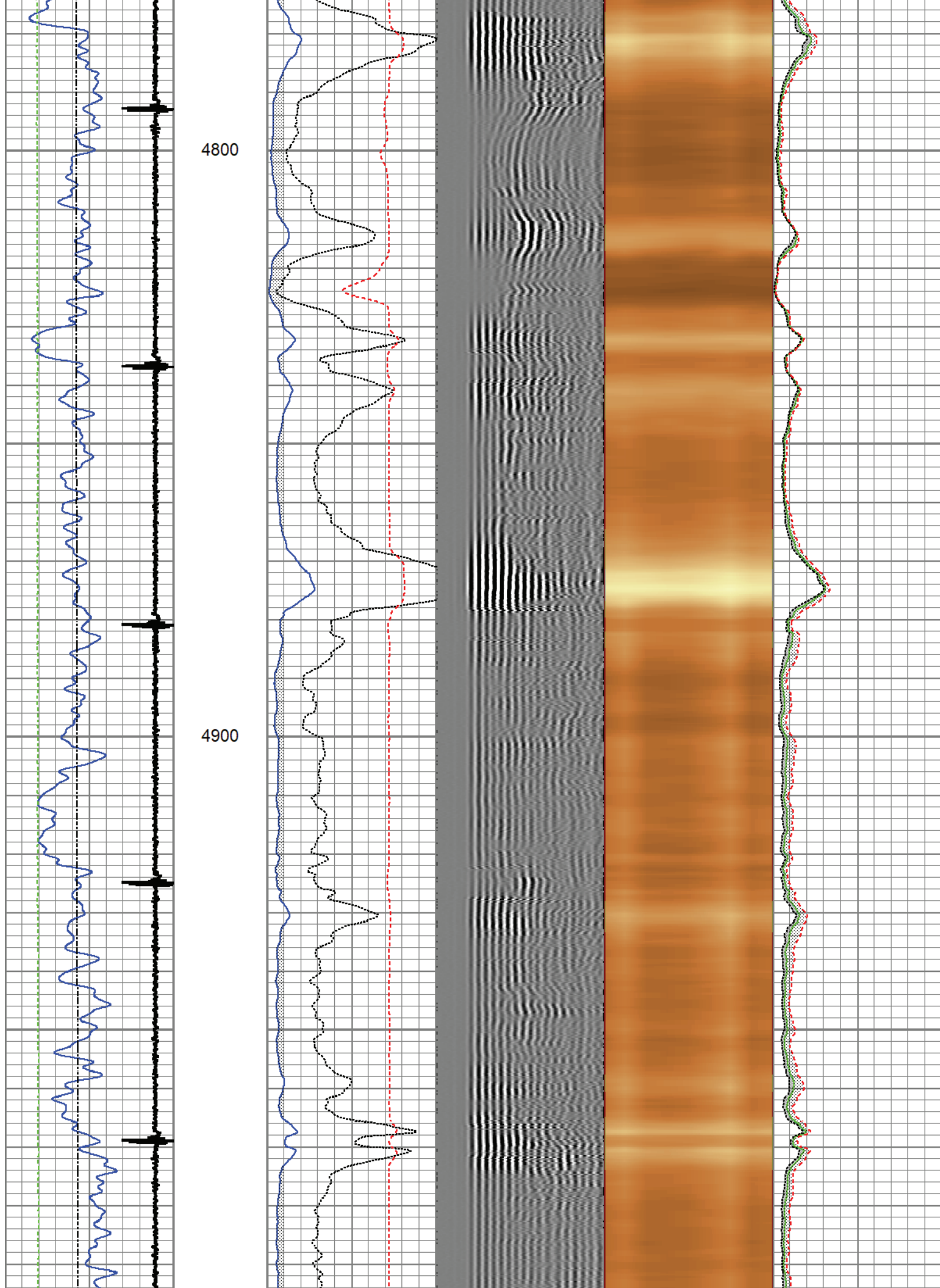
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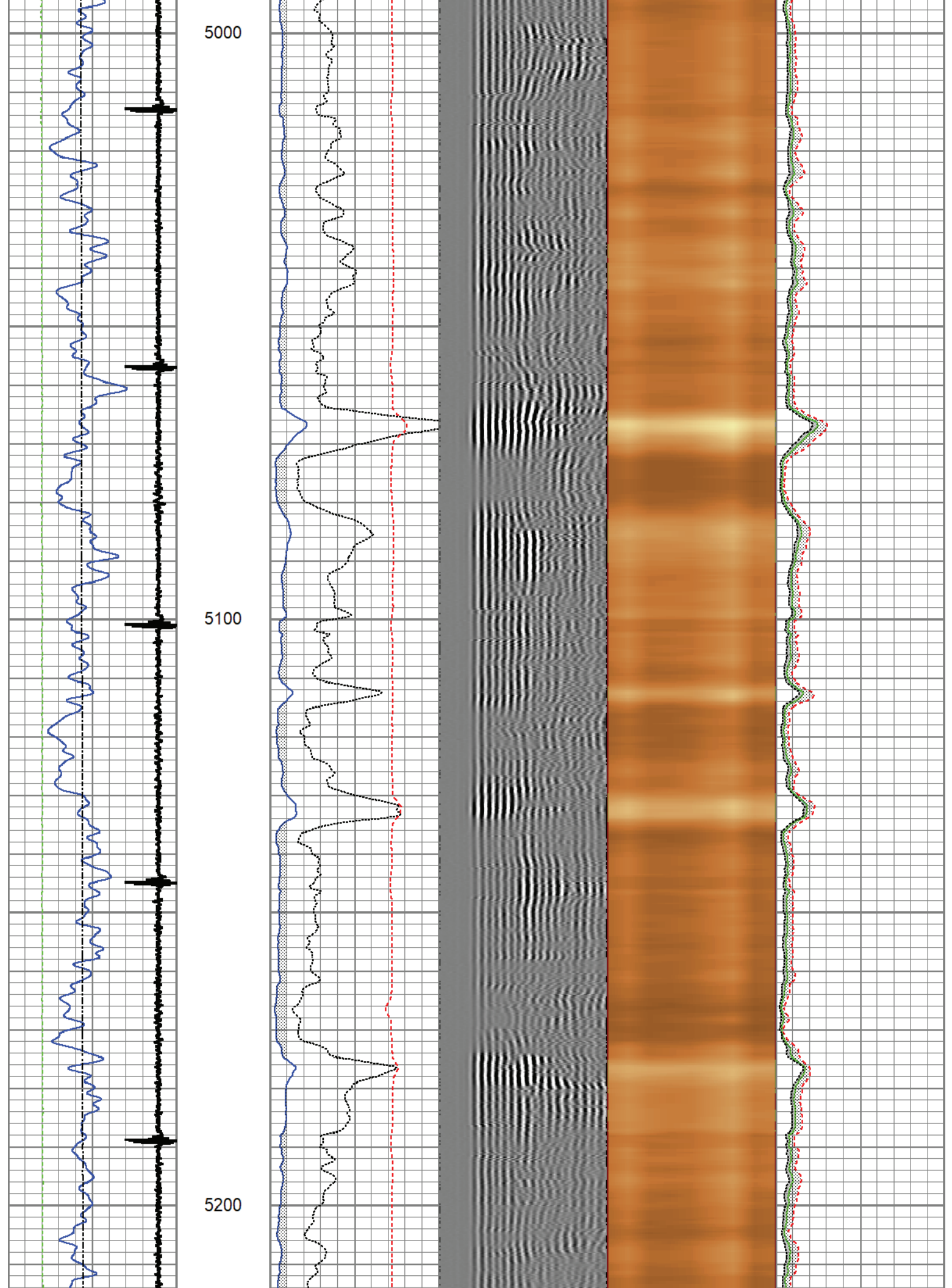
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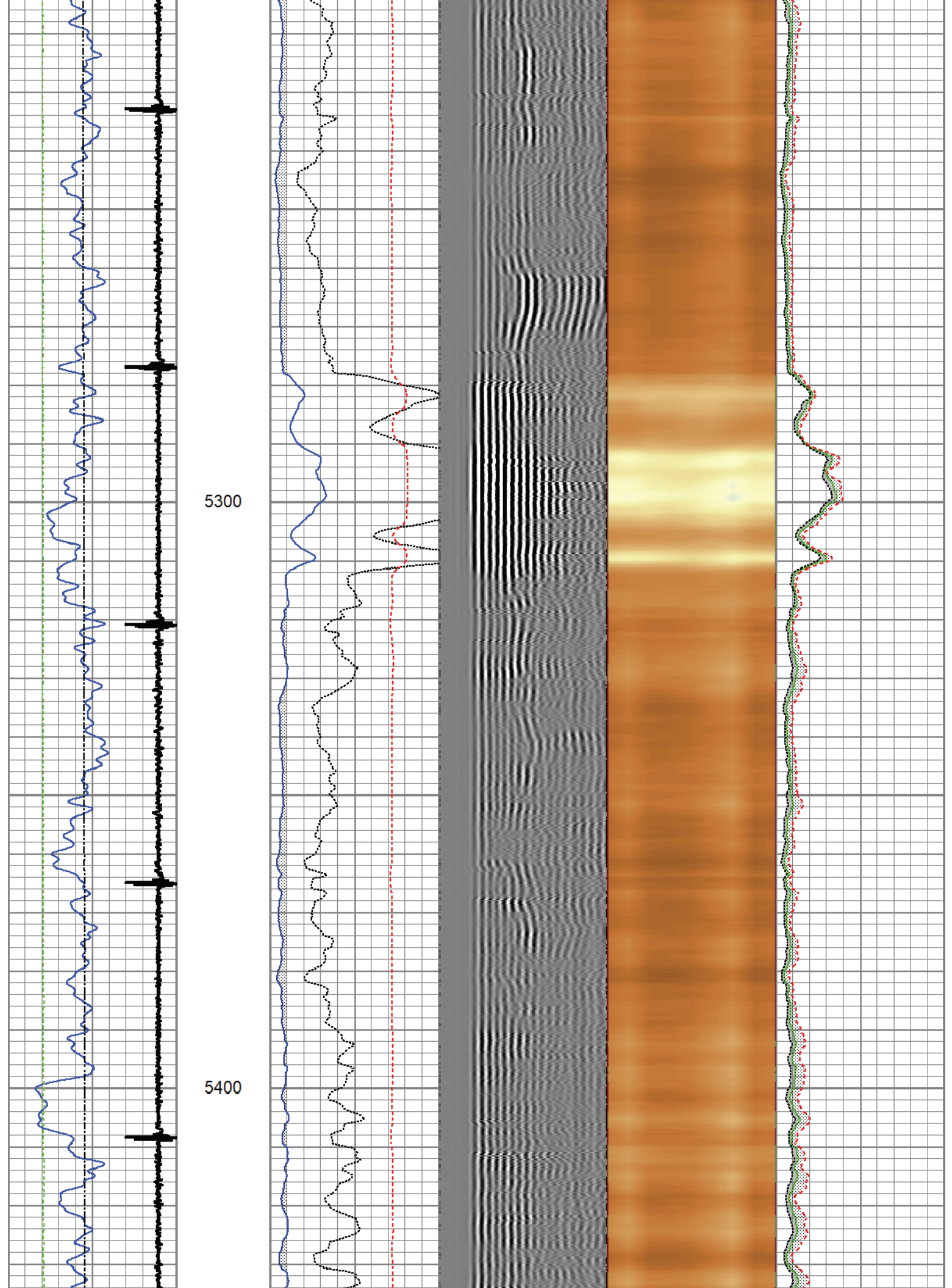


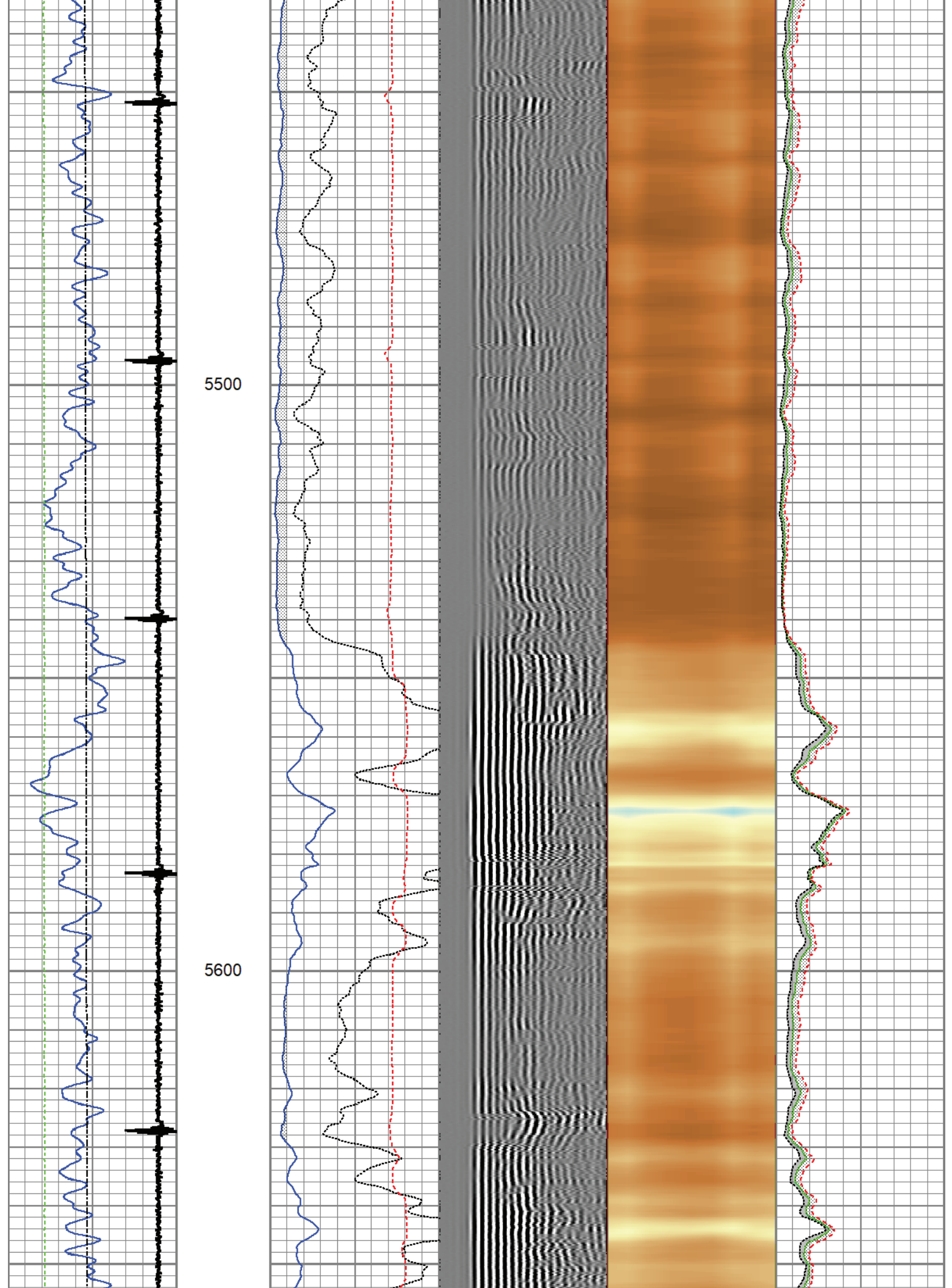
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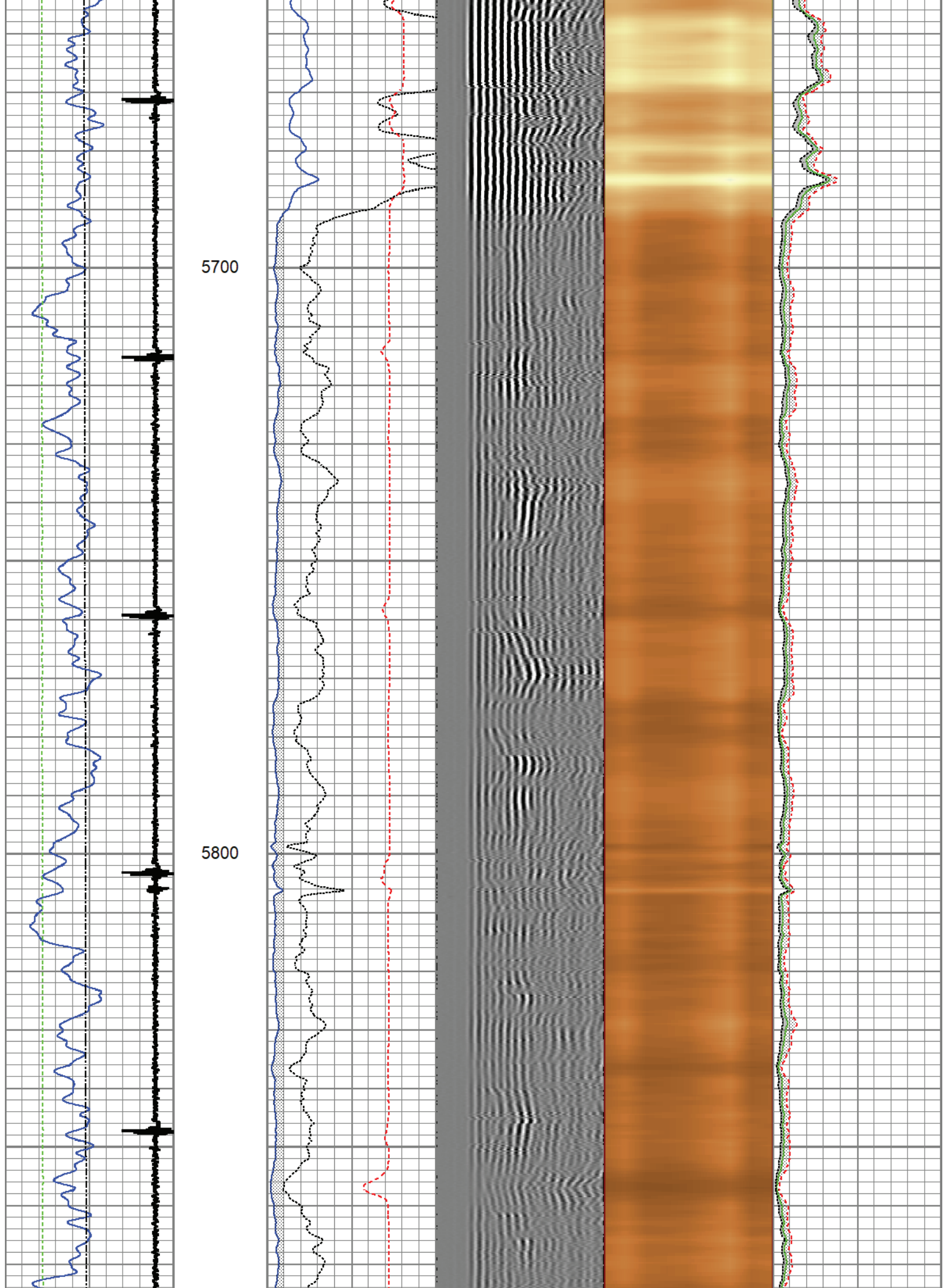
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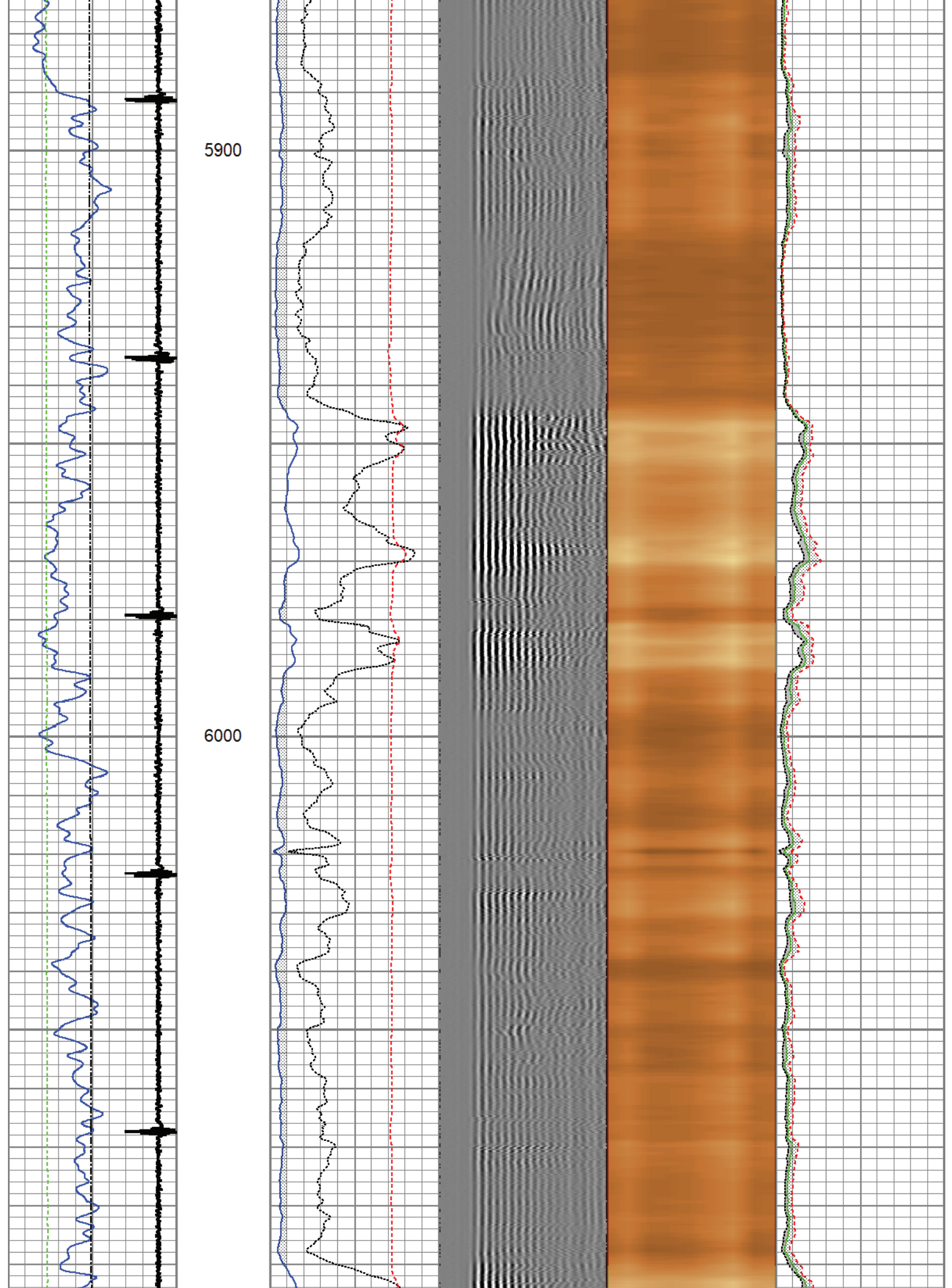


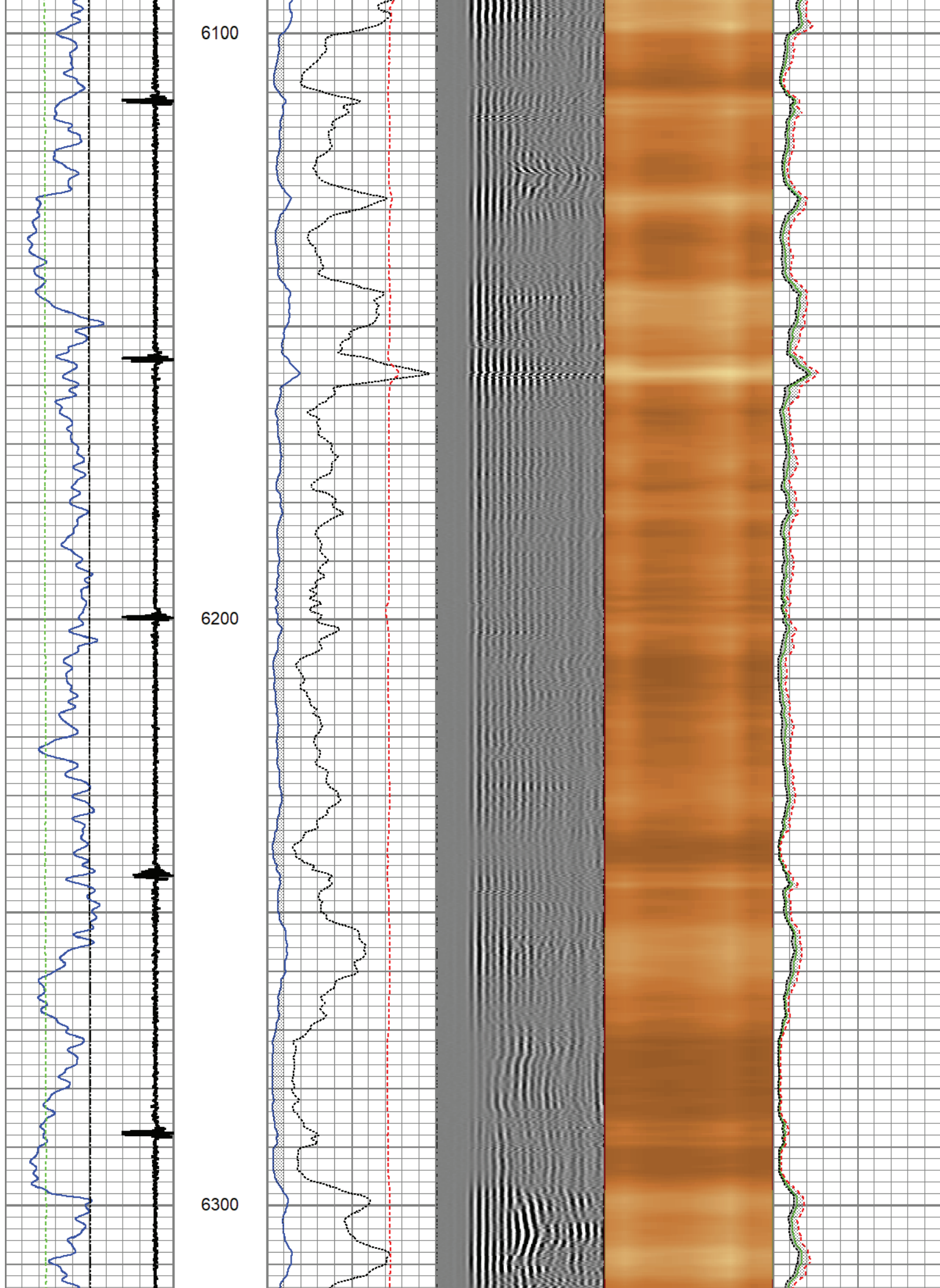


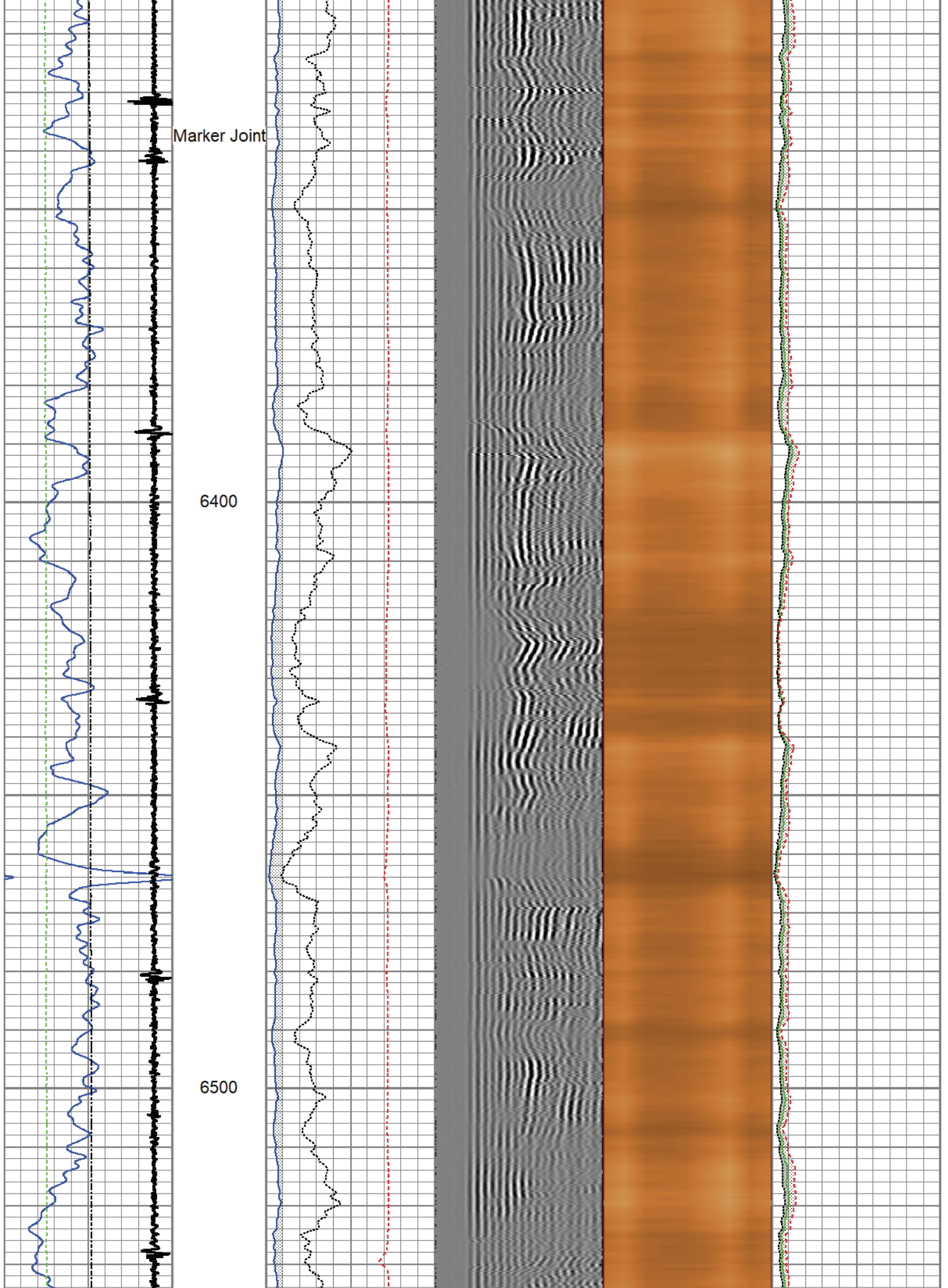






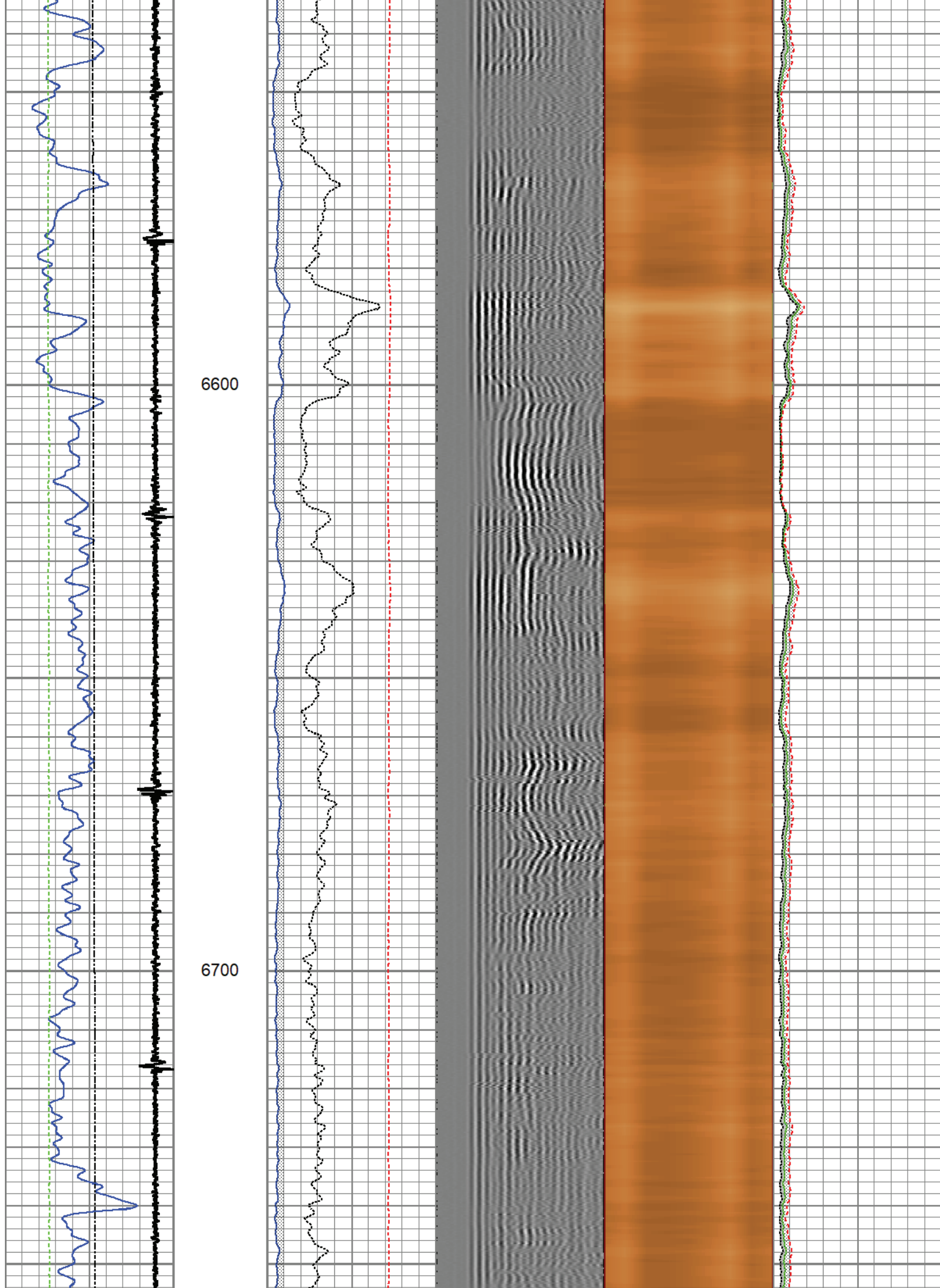






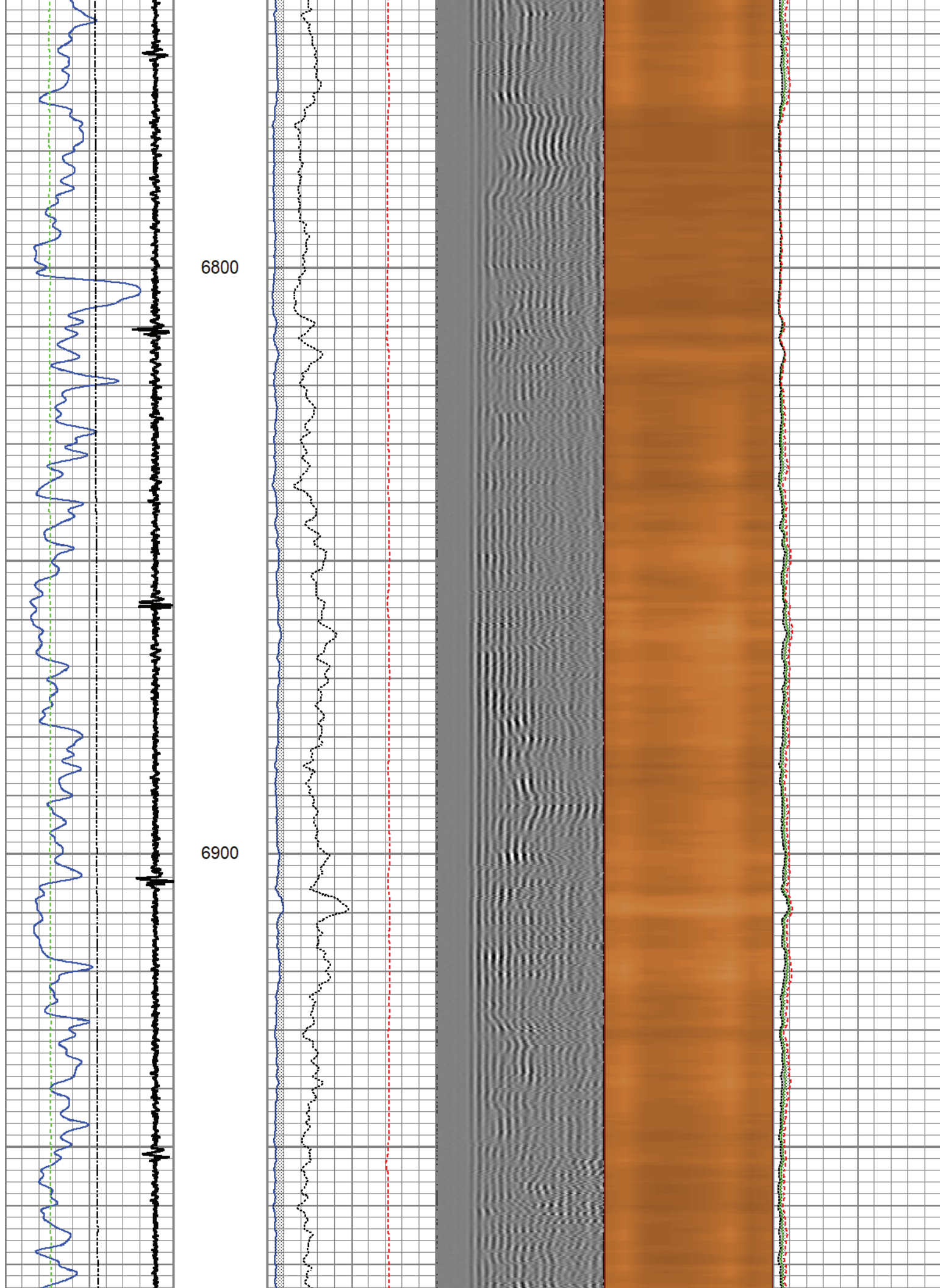
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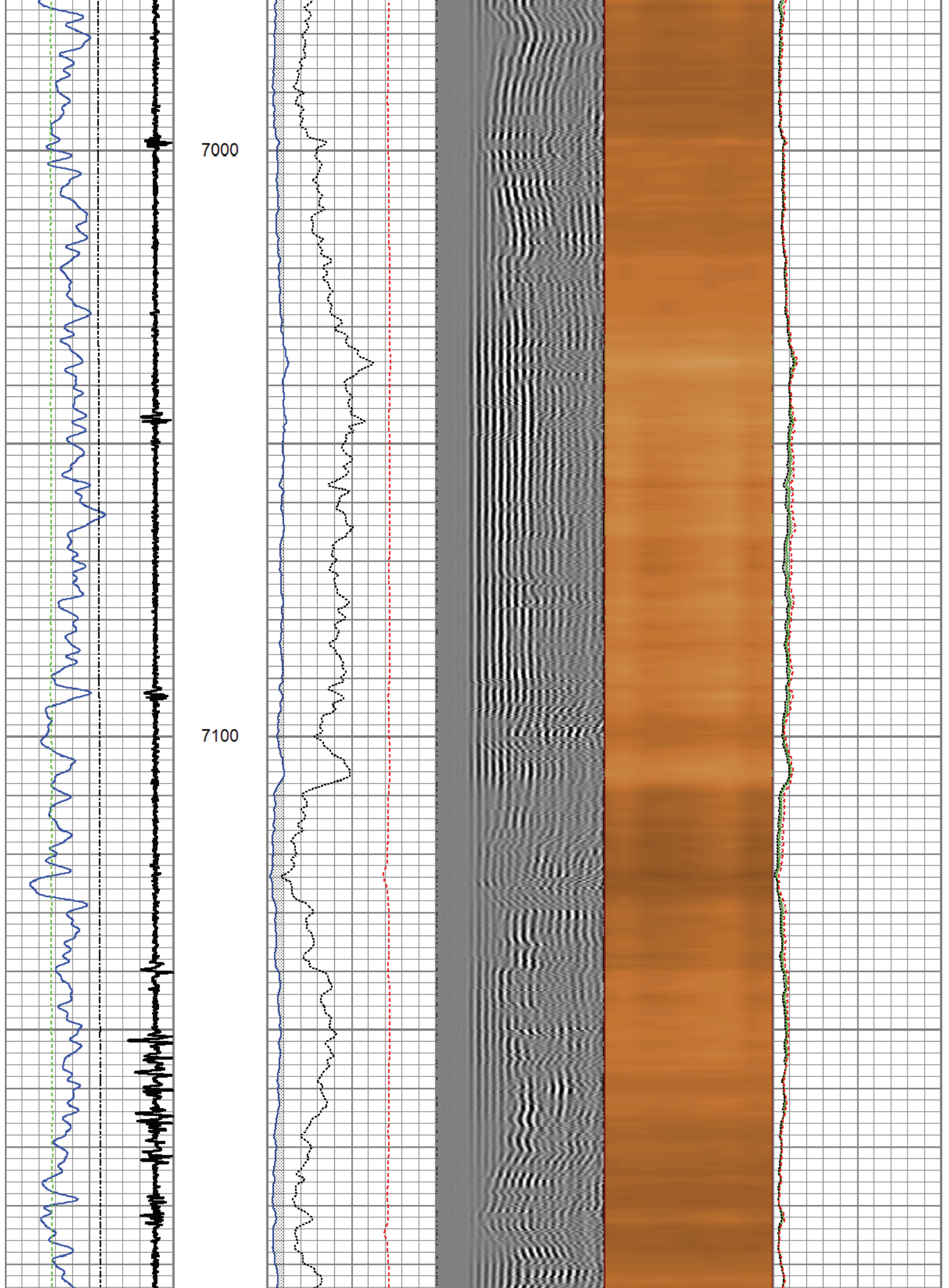
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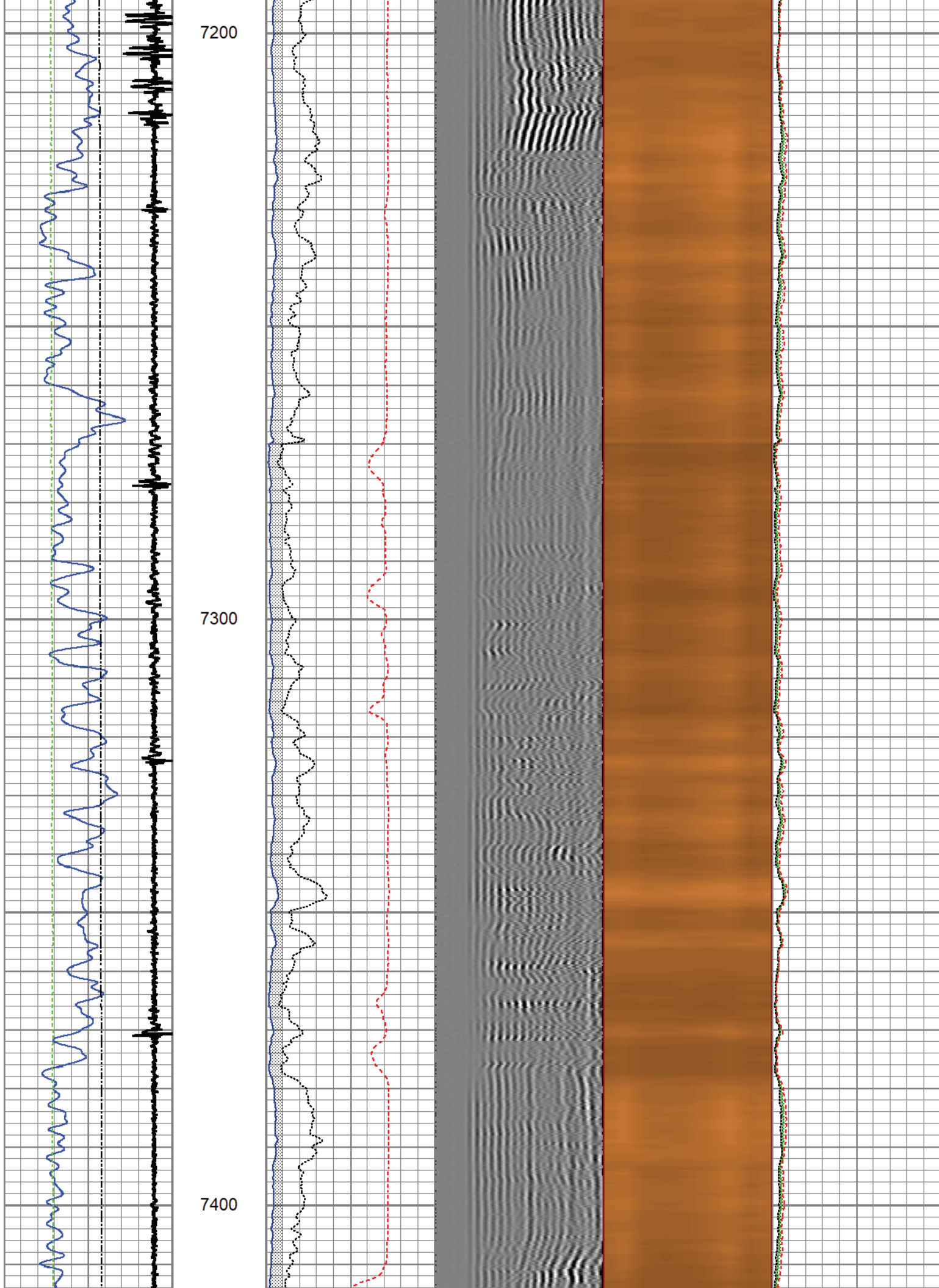


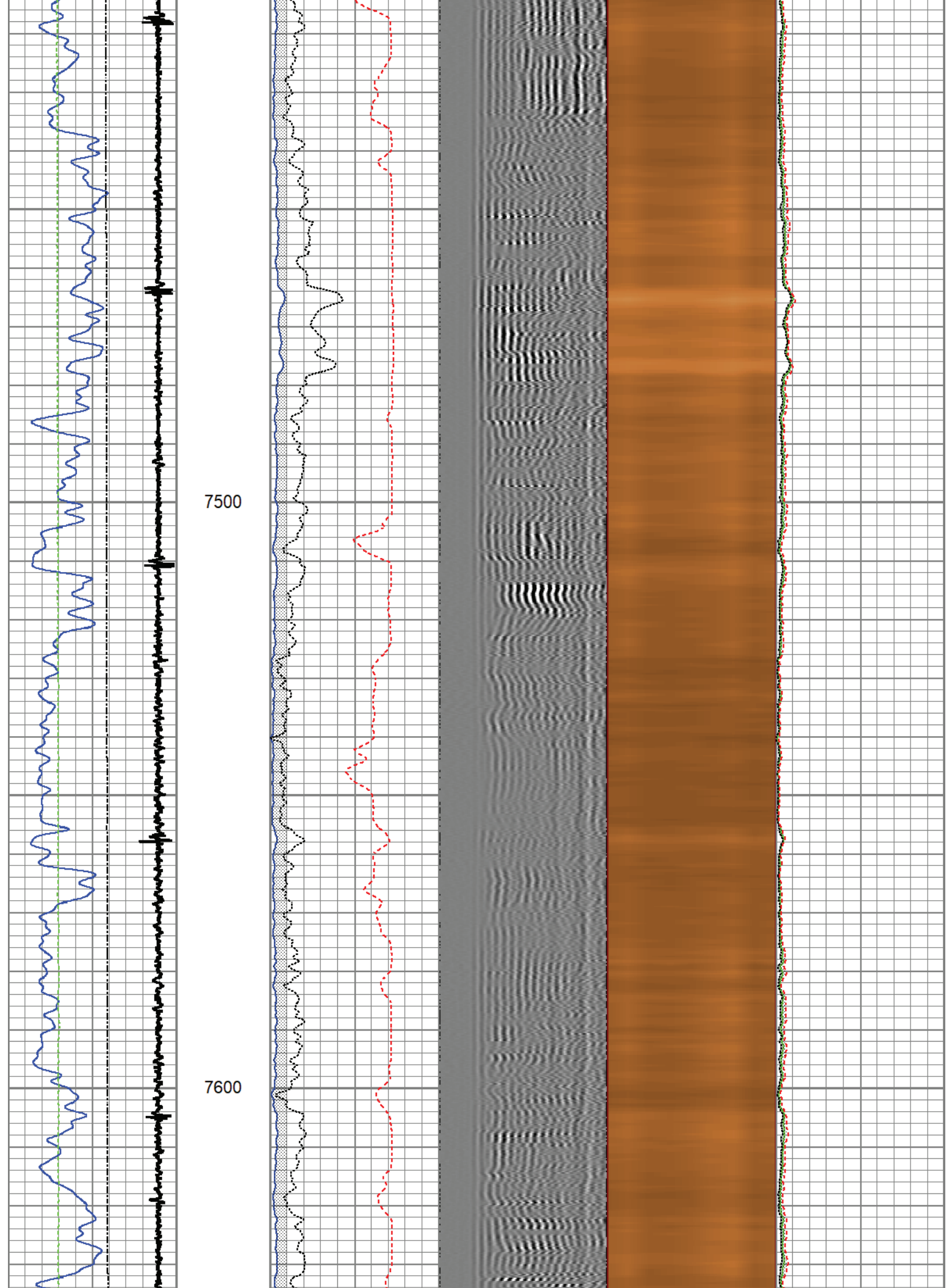


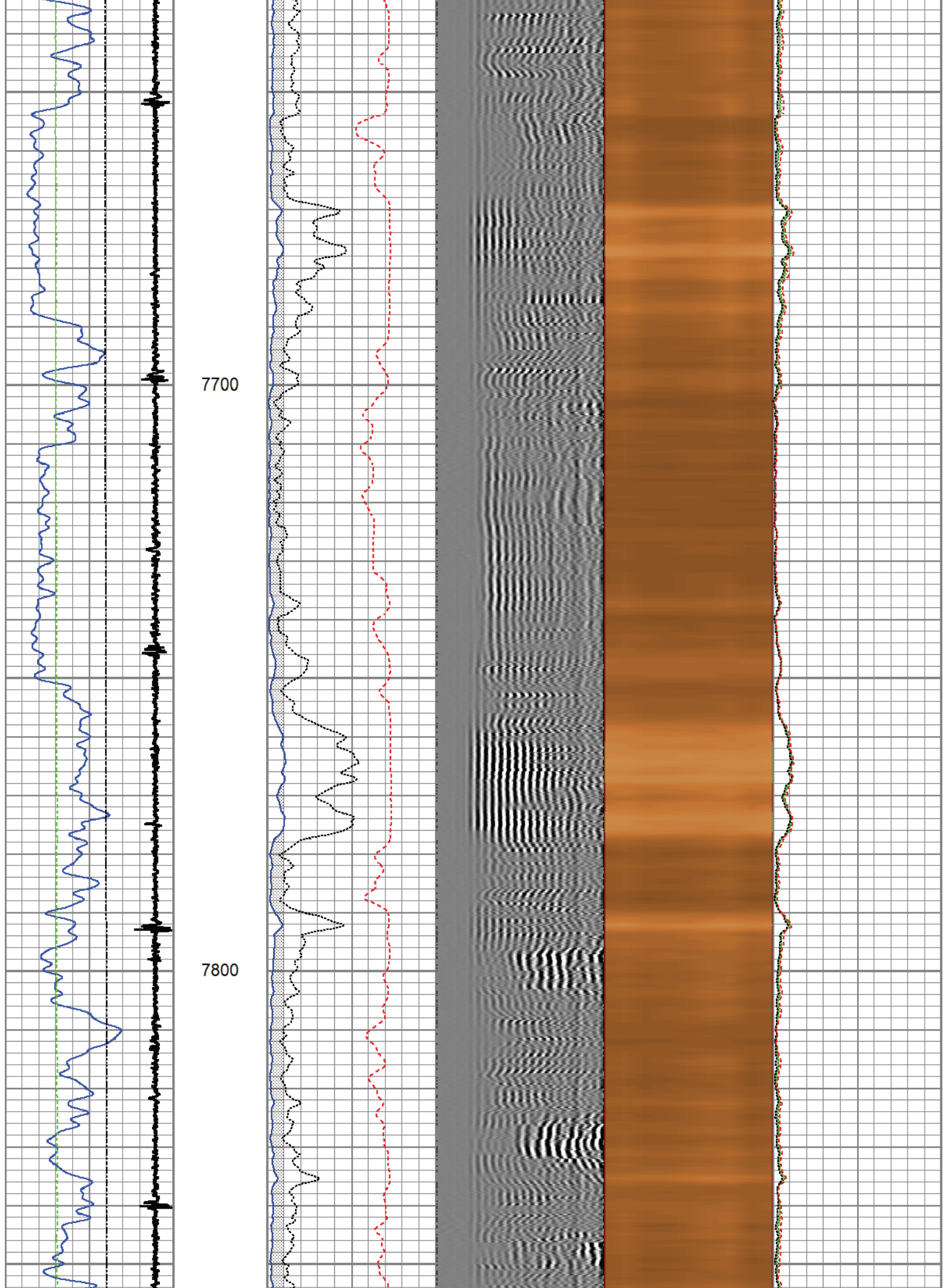
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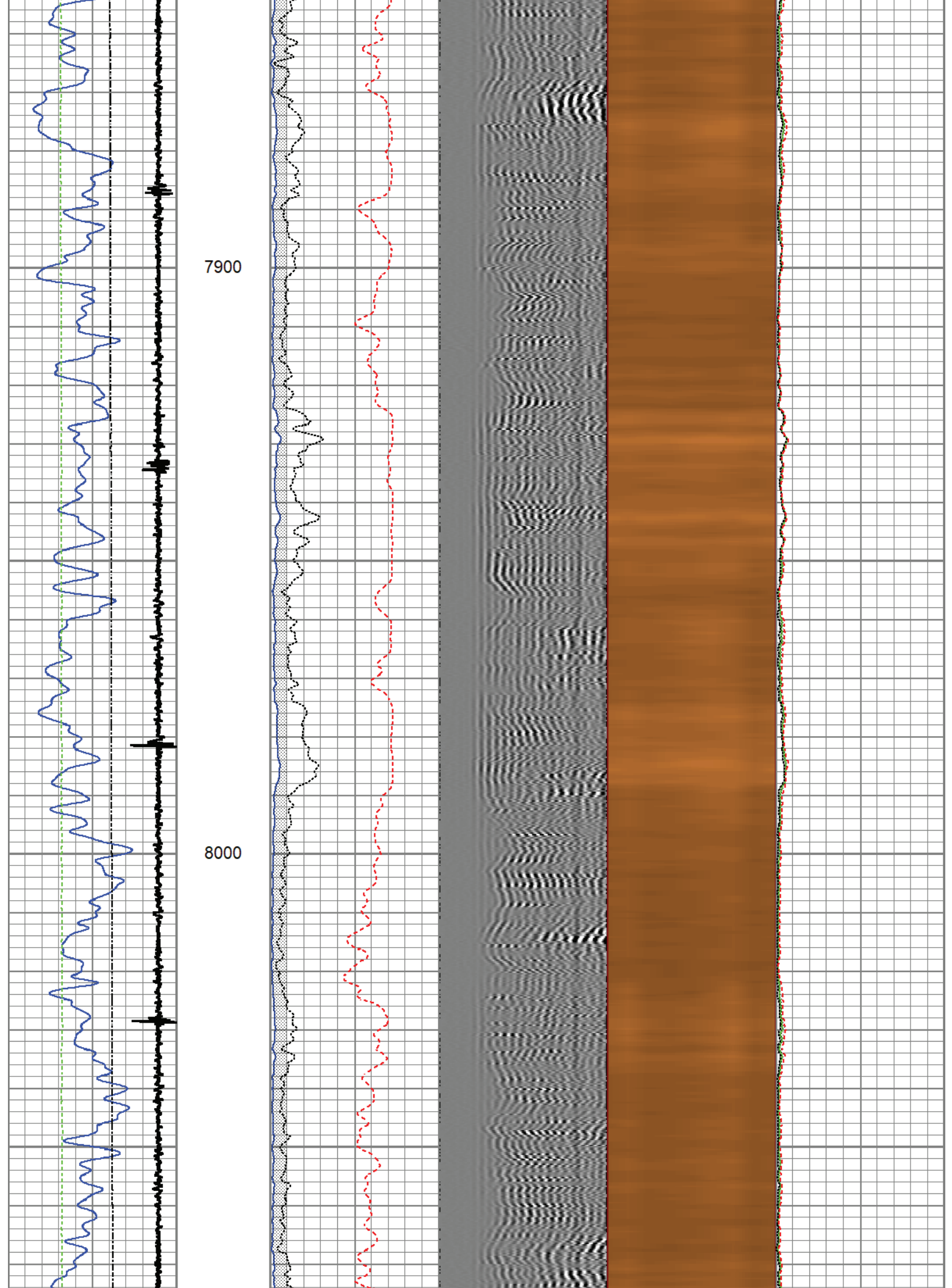
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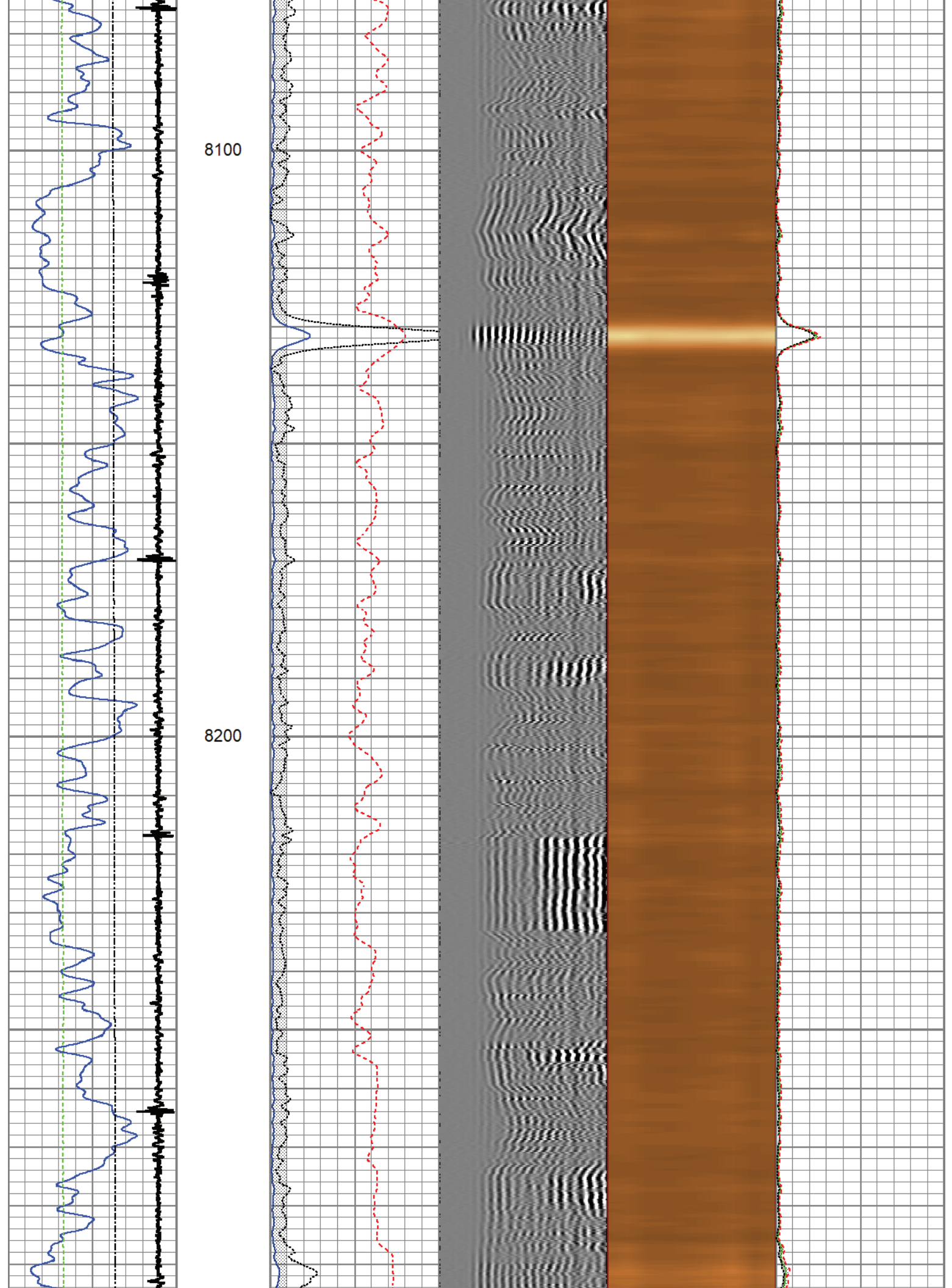
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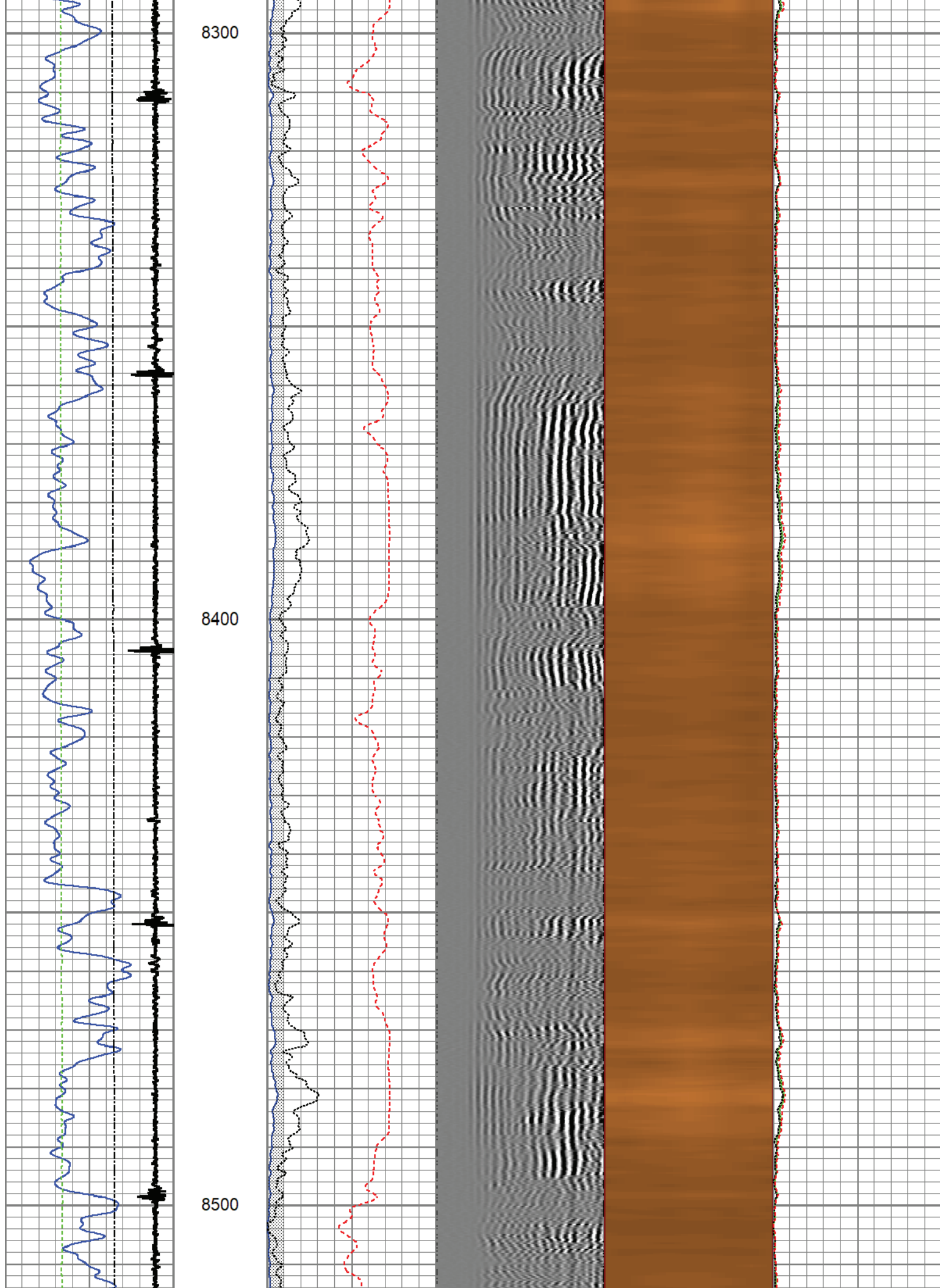


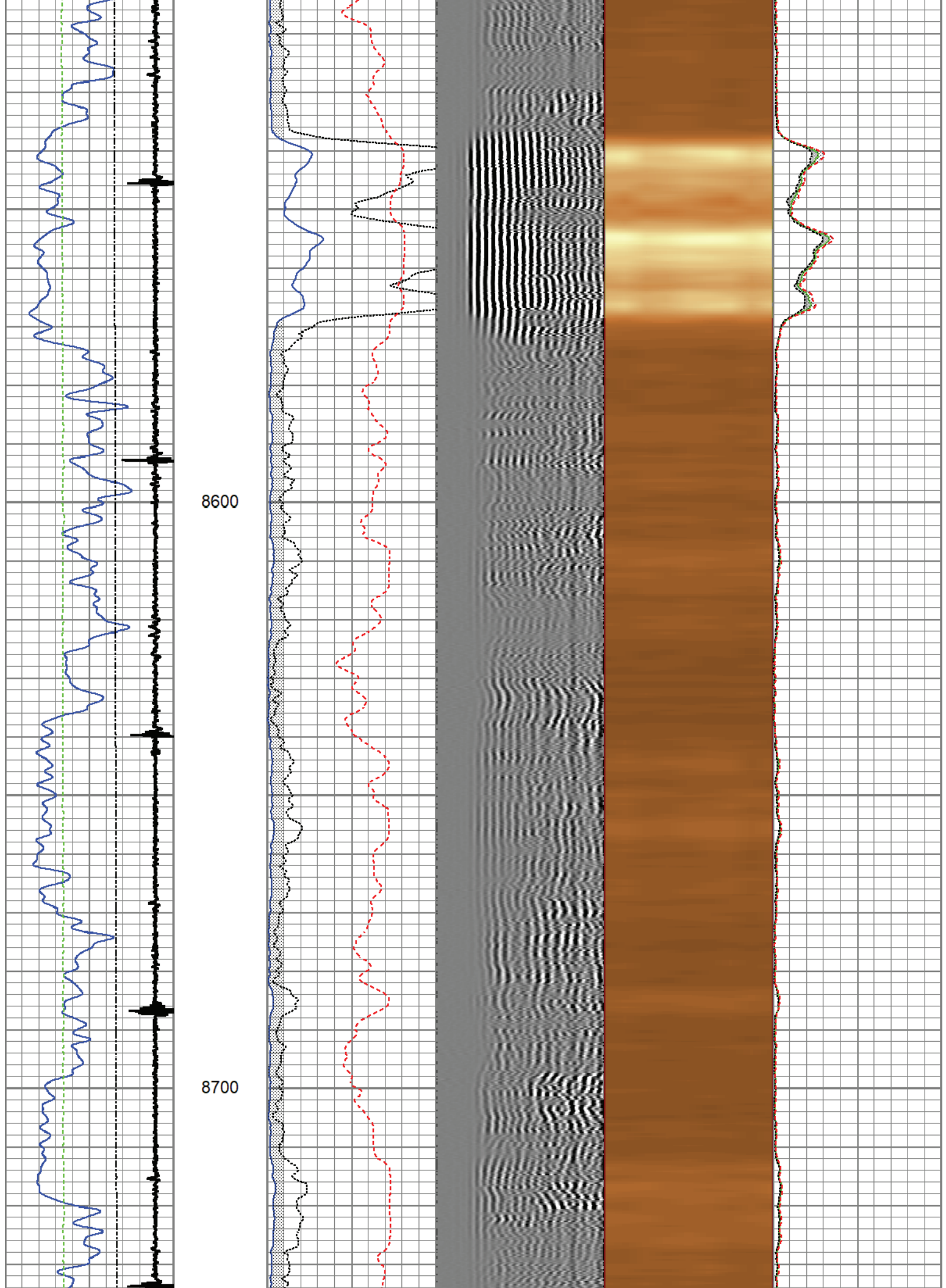


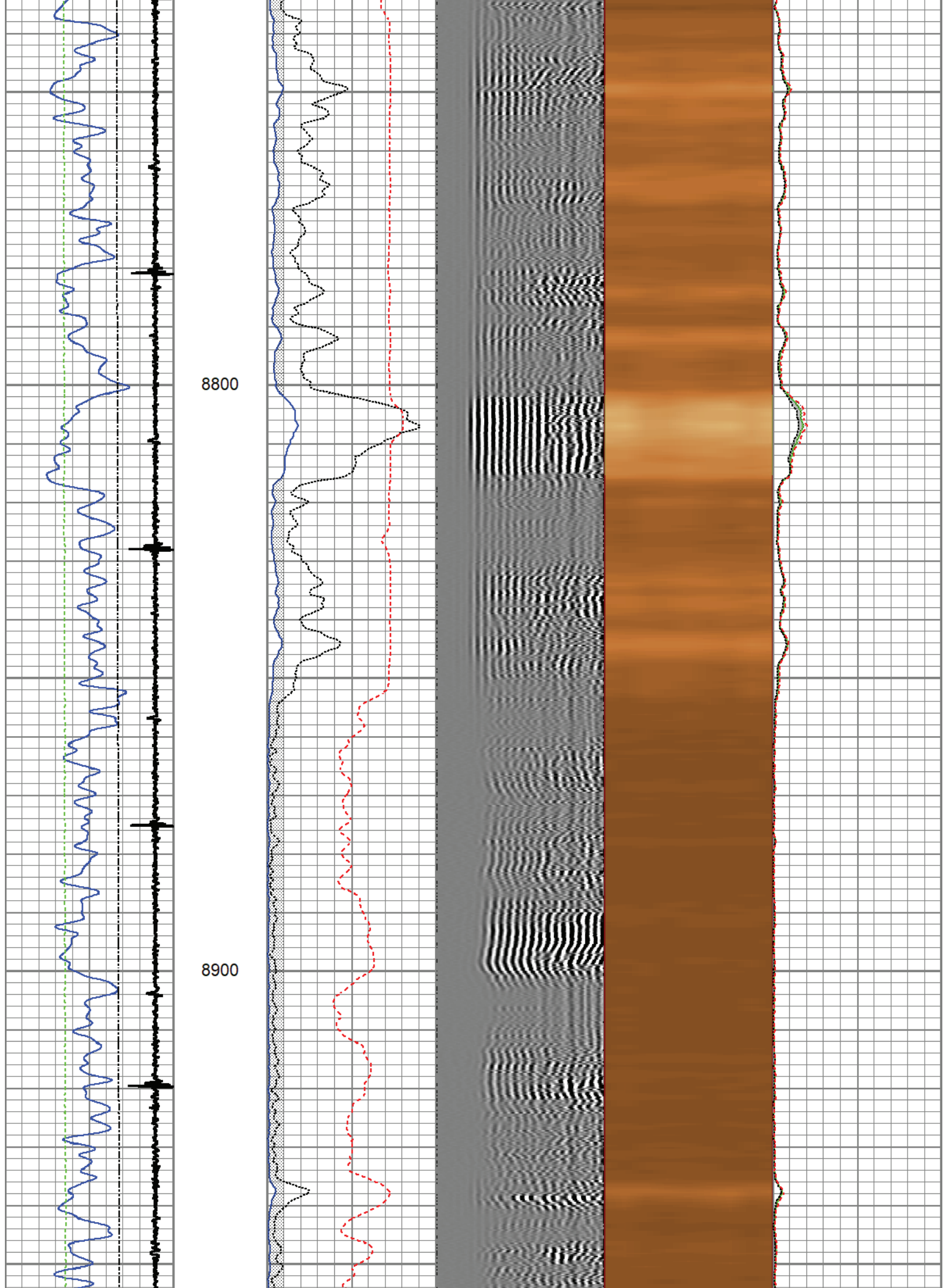
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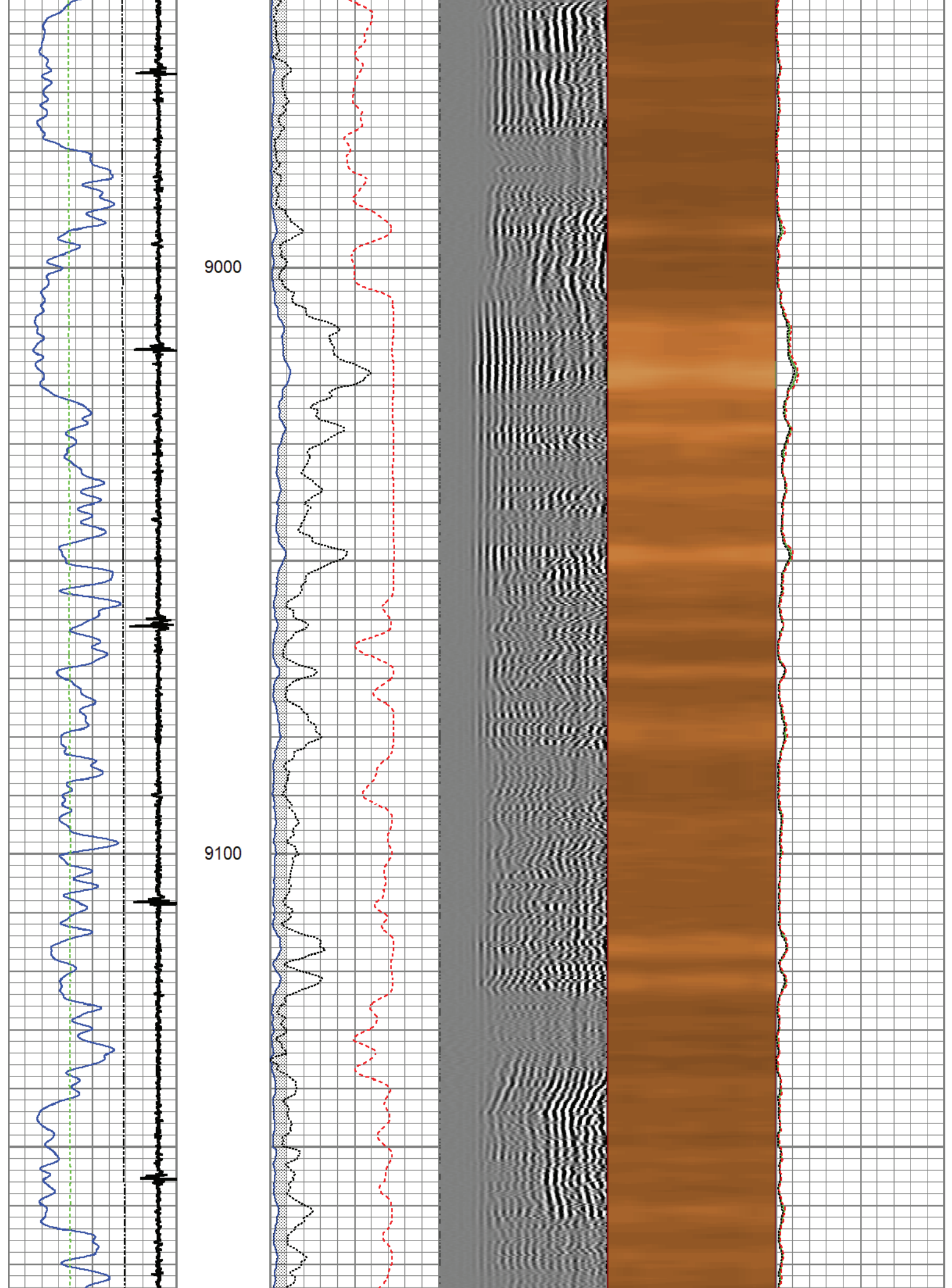
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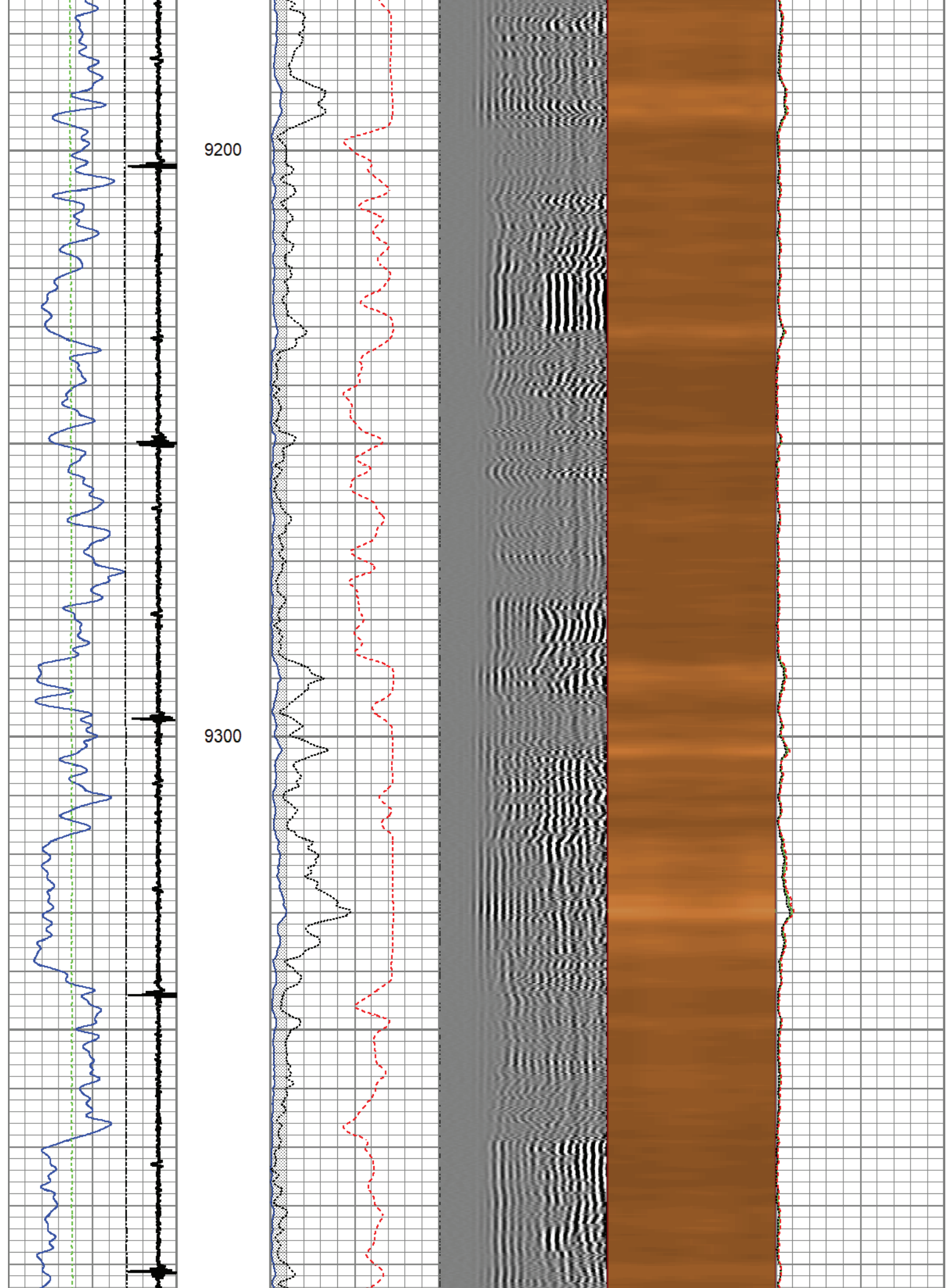
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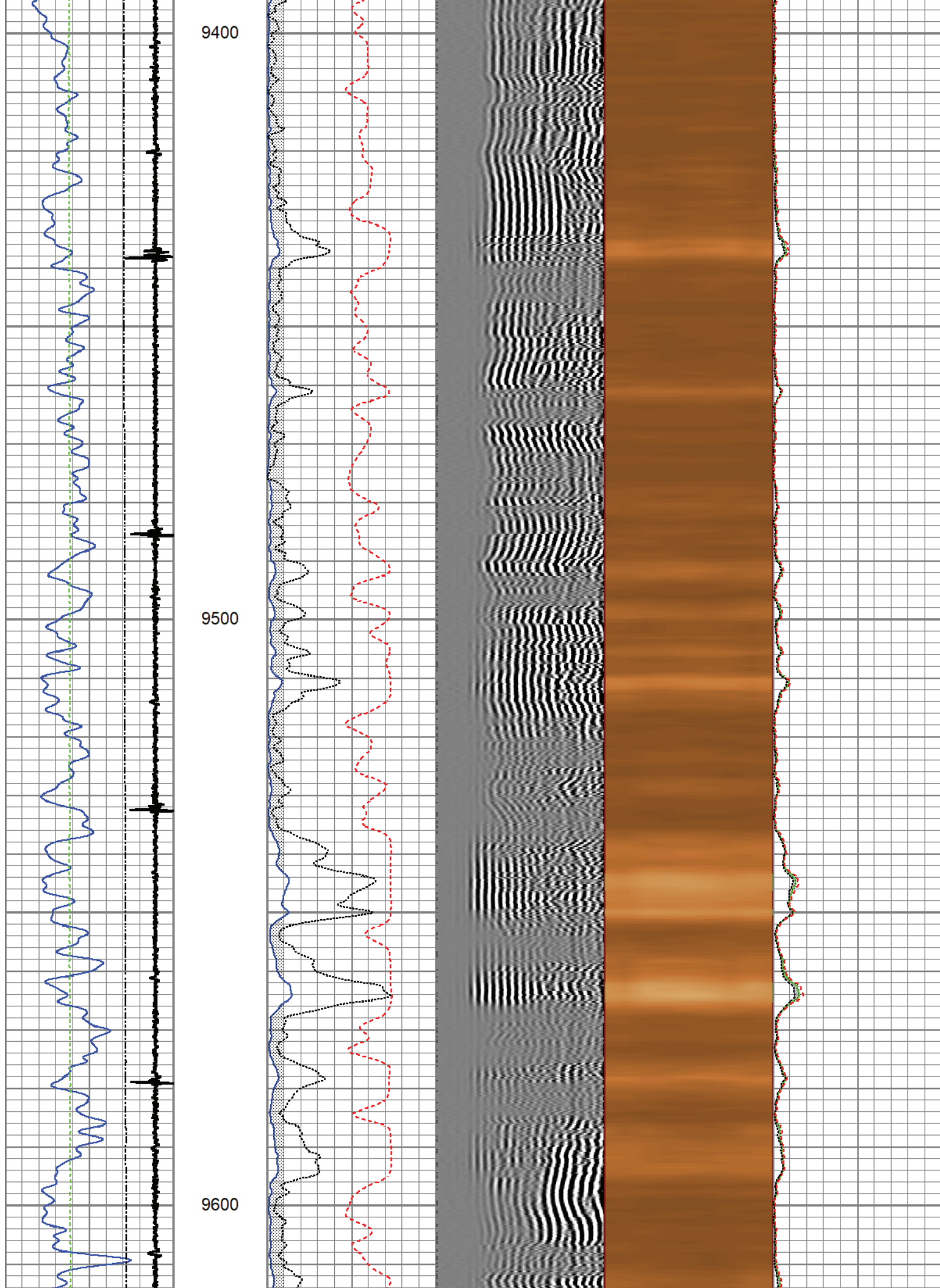


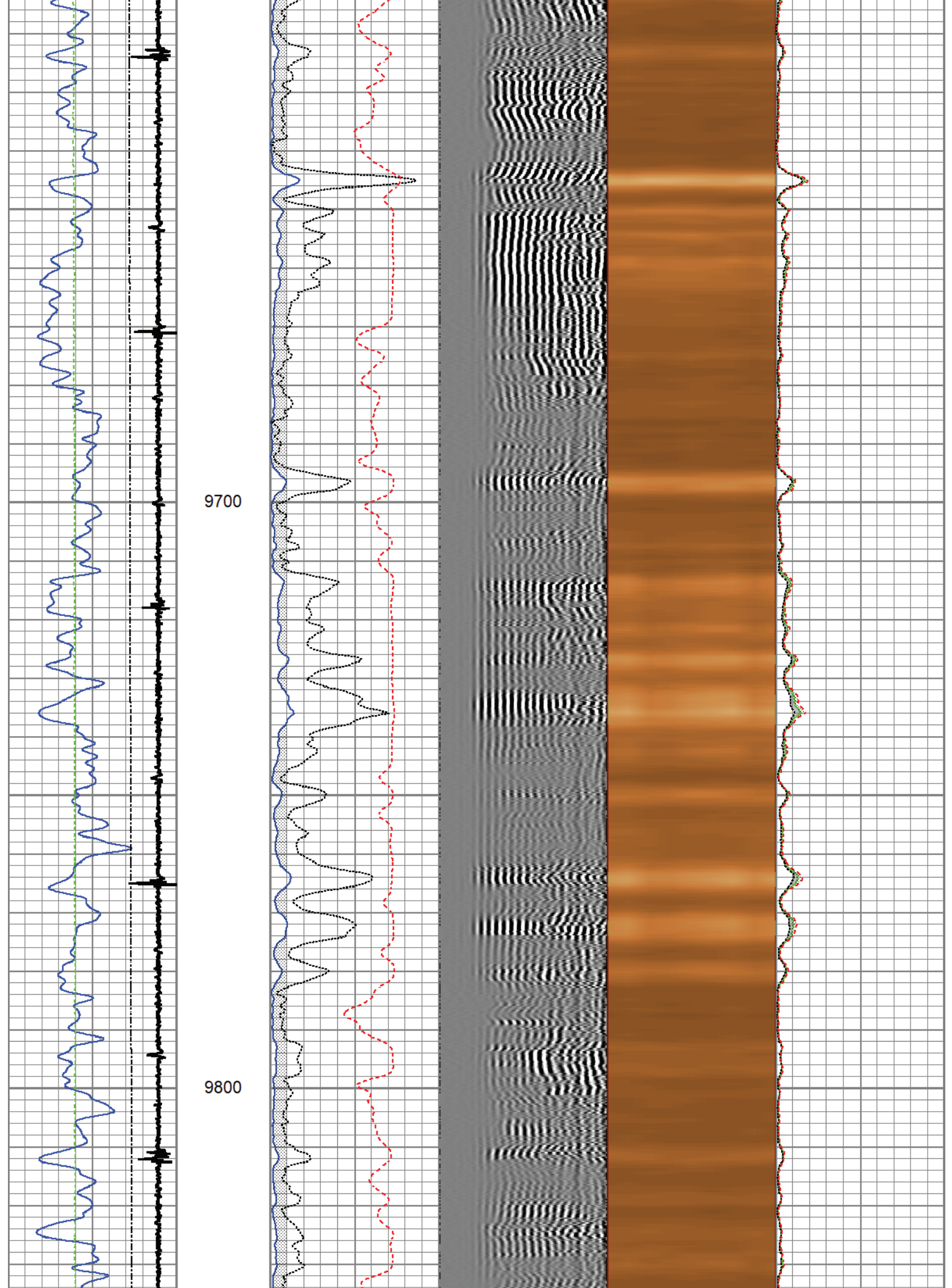


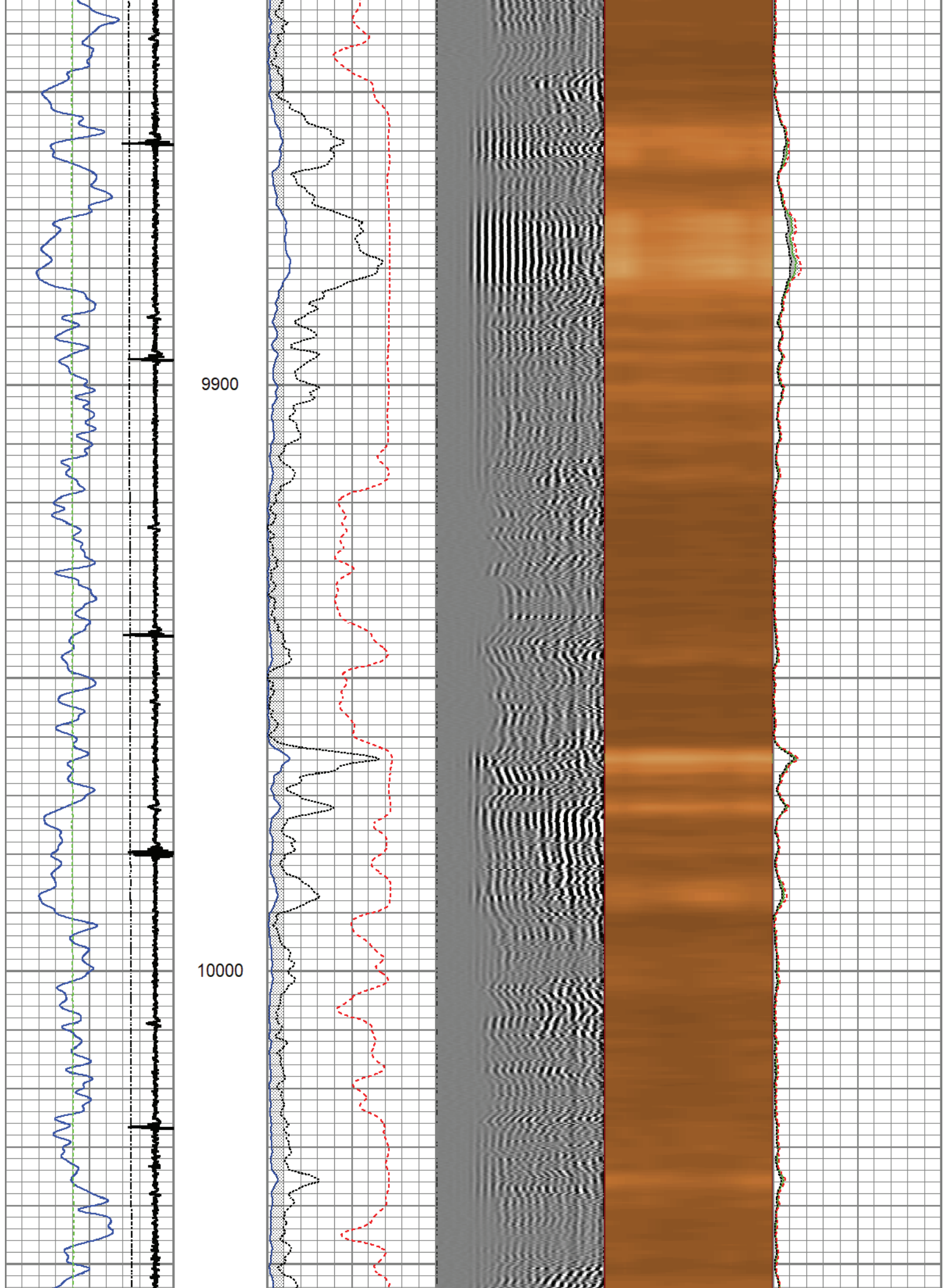
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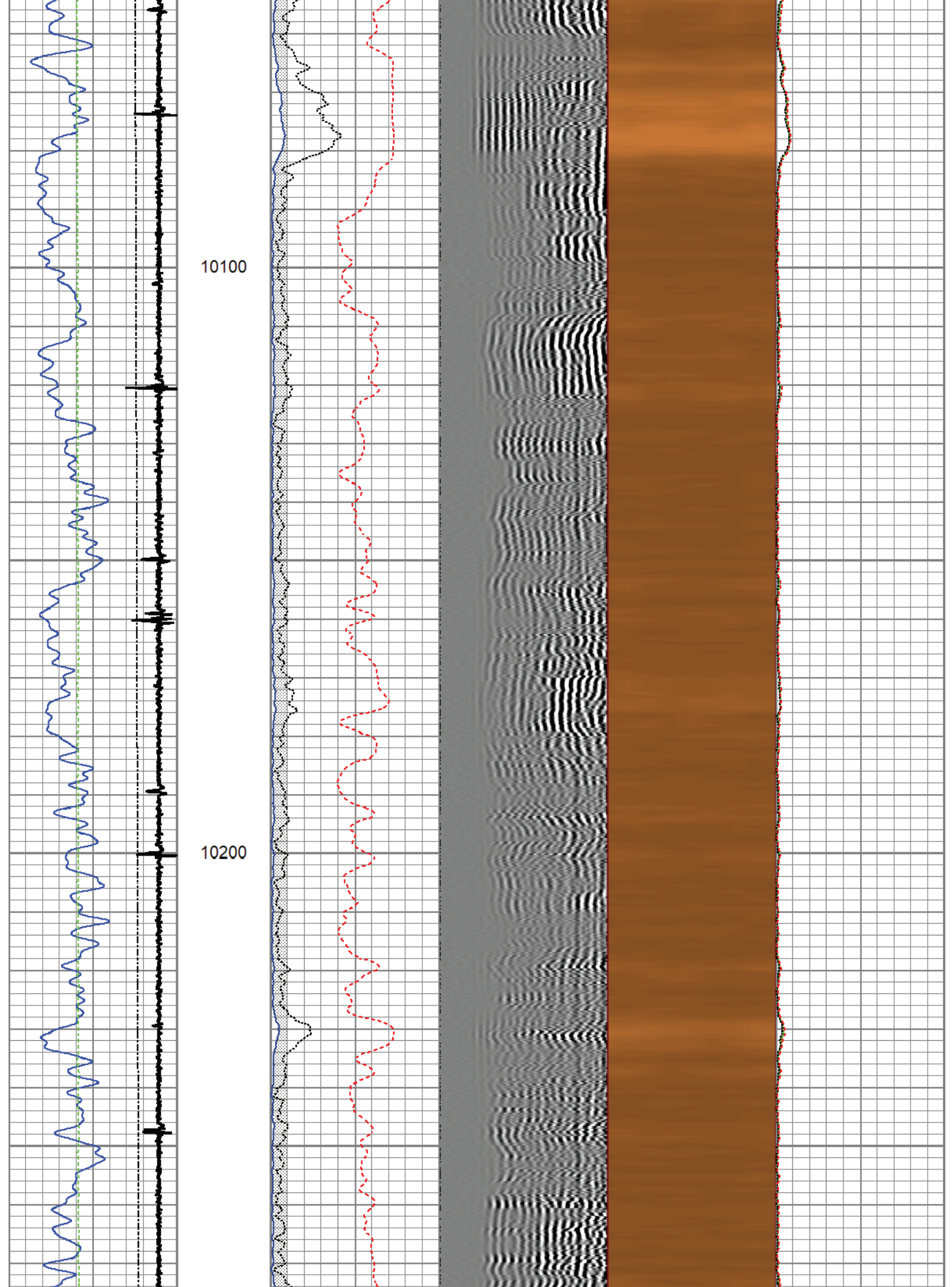
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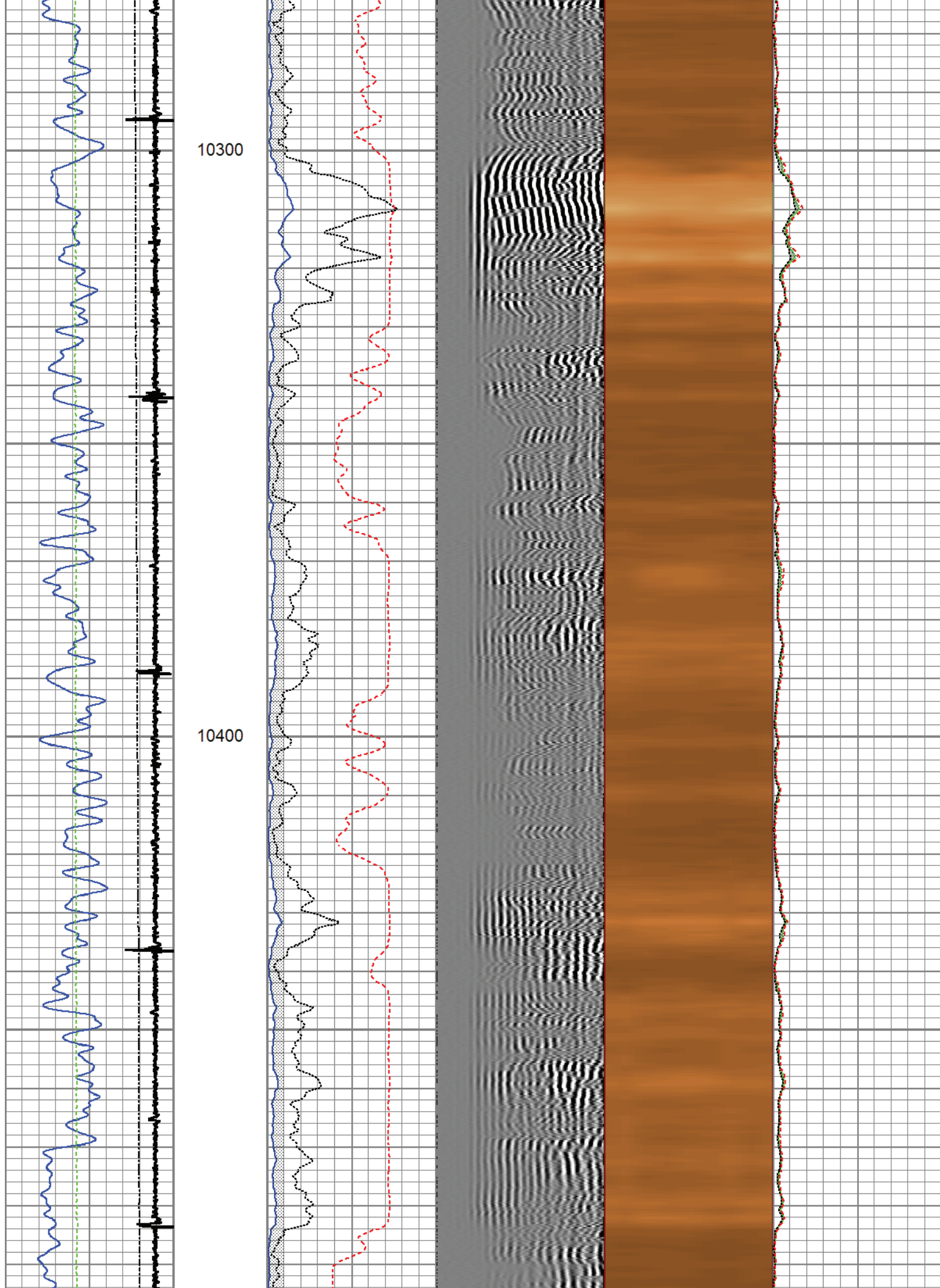


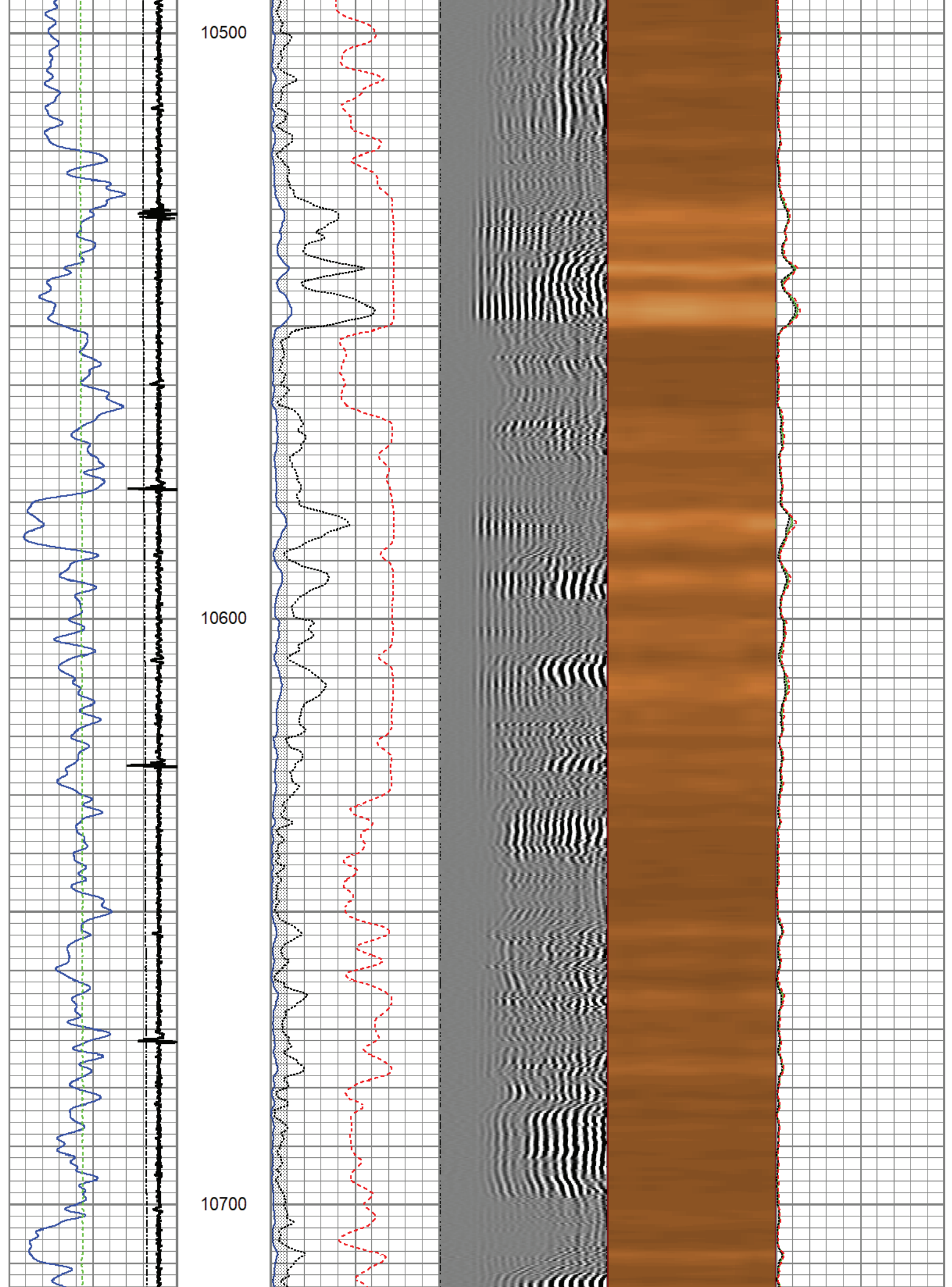


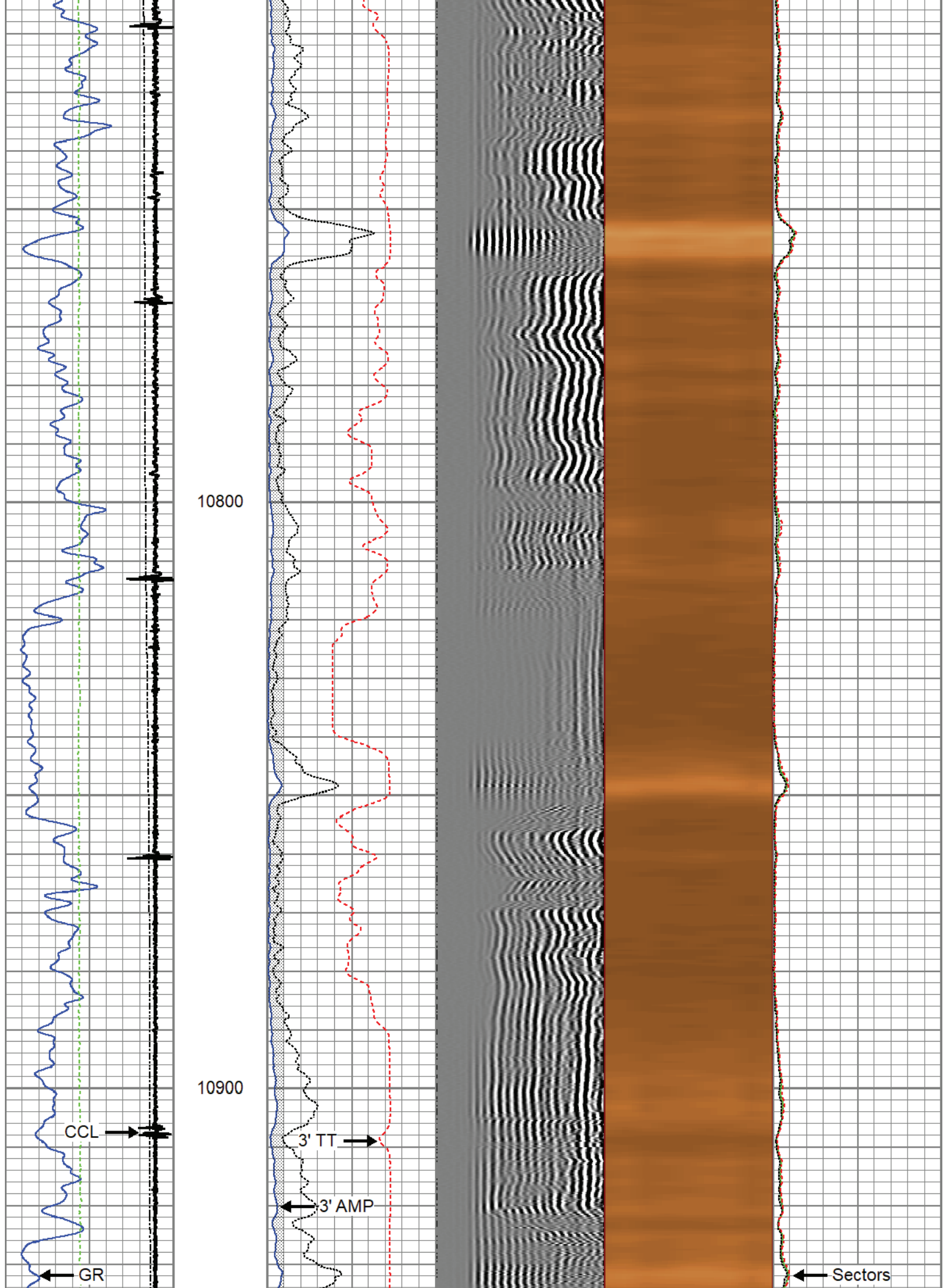


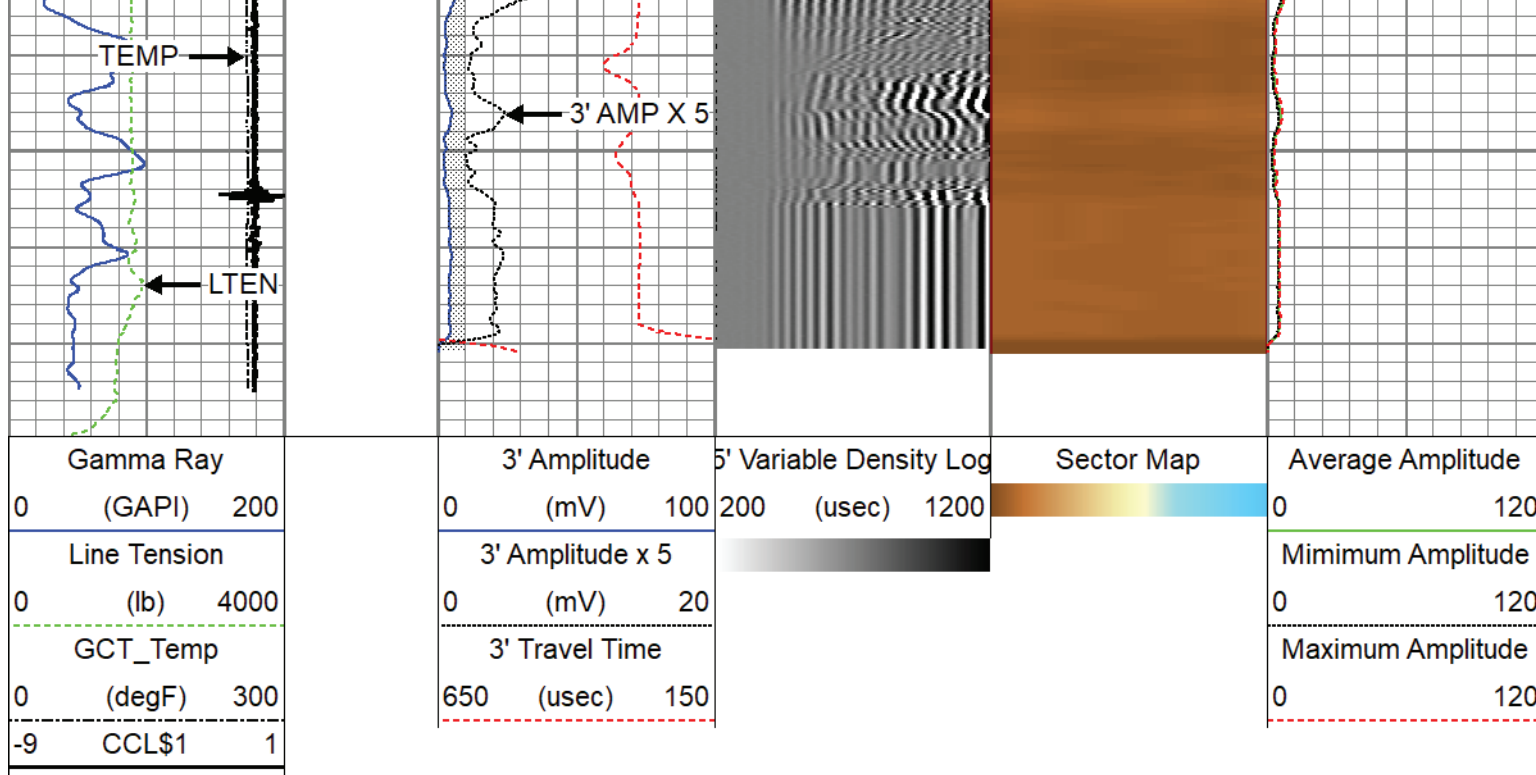
10300

10400











Repeat Pass 5" = 100'

Database File tep_nr 33-4_rcbl_8-8-2022.db

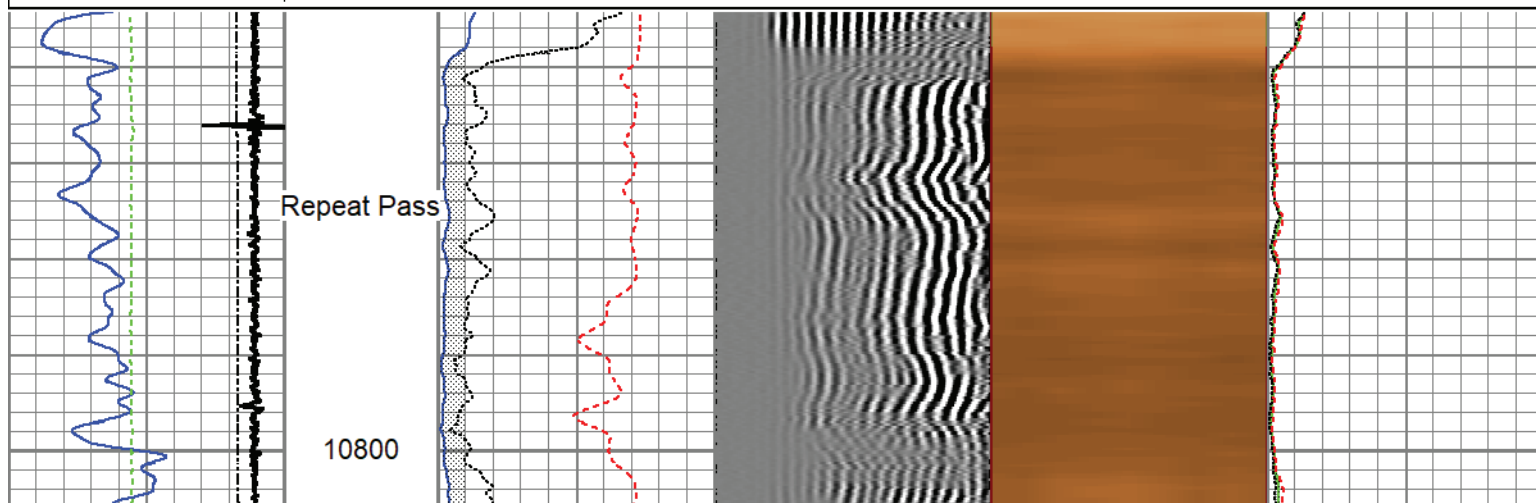
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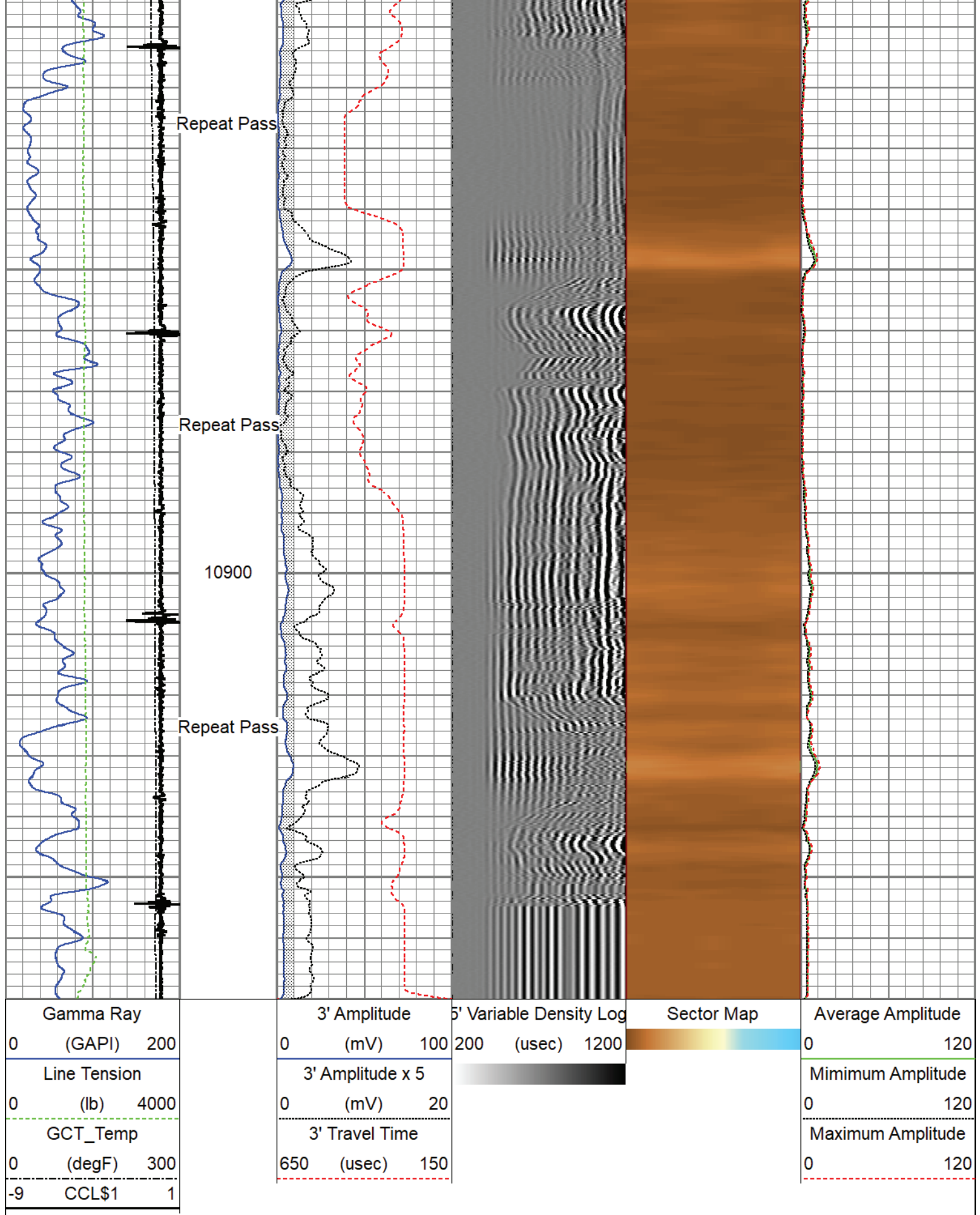
Presentation Format twgrcbl

Dataset Creation Mon Aug 08 14:35:46 2022

Charted by Depth in Feet scaled 1:240

Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 200	0 (mV) 100	200 (usec) 1200		0 120
Line Tension	3' Amplitude x 5			Minimum Amplitude
0 (lb) 4000	0 (mV) 20			0 120
GCT_Temp	3' Travel Time			Maximum Amplitude
0 (degF) 300	650 (usec) 150			0 120
-9 CCL\$1 1				





Calibration Report

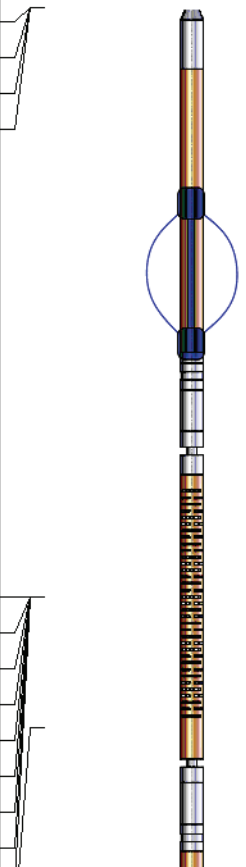
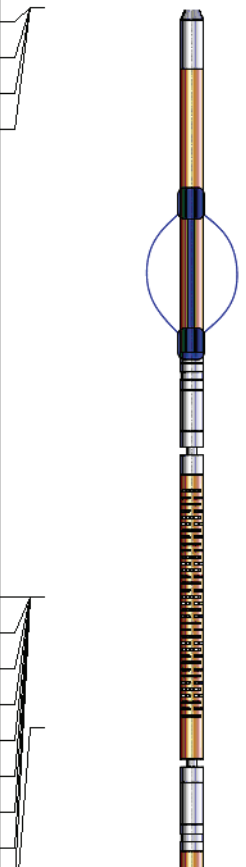
Database File tep_nr 33-4_rcbl_8-8-2022.db
Dataset Pathname main
Dataset Creation Mon Aug 08 14:40:58 2022

Air Zero Calibration, performed Mon Aug 8 08:45:52 2022:


	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000

Inclinometer Calibration Report

Performed:	Thu Jul 28 15:46:49 2022				
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	-931.00	904.00	-1.00	1.00	gee
Y Accelerometer	-899.00	884.00	-1.00	1.00	gee
Z Accelerometer	1.47	886.18	0.00	1.00	gee

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GCT_FMWR	14.47					
mSec_Count	14.47					
RBT_Status	14.47					
Error_Ct	14.47					
			SO BS CENT-2750-4500 Slip Over 2-3/4" I.D. for 4-1/2" O.D. Casing Bow Spring Centralizer	1.33	3.25	10.00
			RBT8acc-Probe275acc (FW1312-30) 2.75" Radial Corrosion with accelerometer	8.75	2.75	110.00
WVFS8	9.97					
WVFS7	9.97					
WVFS6	9.97					
WVFS5	9.97					
WVFS4	9.97					
WVFS3	9.97					
WVFS2	9.97					
WVFS1	9.97					

WVF3FT	9.97						
WVF5FT	8.97						
RBT_ACCZ	5.72						
RBT_ACCY	5.72						
RBT_ACCX	5.72						
GCT_HV	5.72						
WVFSYNC	5.72						
WVFCAL	5.72						
CCL\$2	4.47						
CCL\$1	4.47						
GCT_Temp	3.59						
GR	2.72						
GCT_IntTemp	2.00						
GCT_ACCZ	0.33						
GCT_ACCY	0.33						
GCT_ACCX	0.33						
				SO BS CENT-2750-4500	1.33	3.25	10.00
				Slip Over 2-3/4" I.D. for 4-1/2" O.D. Casing Bow			
				Spring Centralizer			
				GCacc-GCT275-0BP0 (110255)	5.38	2.75	59.00
				Probe 2.75" Gamma Ray - CCL (6 magnet) w/Temp			
				Plug-FA108-0000	0.33	1.38	1.00
				1.38" Bull Plug			
Dataset:				tep_nr 33-4_rcbl_8-8-2022.db: field/well/run1/main			
Total length:				14.47 ft			
Total weight:				190.00 lb			
O.D.:				3.25 in			

Company	Terra Energy Partners, LLC		
Well	Federal NR 33-4		
Field	Rulison		
County	Garfield	State	Colorado
		Radial Cement Bond Gamma Ray Casing Collar Log	