



Radial Cement Bond
Gamma Ray
Casing Collar Log

Company	Caerus Piceance LLC.	Country	USA
Well	BJU B26 FED 21D-26-496		
Field	Grand Valley		
County	Garfield		
State	Colorado		
Company	Caerus Piceance LLC.		
Well	BJU B26 FED 21D-26-496		
Field	Grand Valley		
County	Garfield		
State	Colorado		
Country	USA		
Location:	API # : 05-045-24438	Other Services	CNL
SEC 26 TWP 4S RGE 96W			
Permanent Datum	Ground Level	Elevation	8211'
Log Measured From	Kelly Bushing		
Drilling Measured From	Kelly Bushing		
Elevation			
K.B. 8241'			
D.F. 8240'			
G.L. 8211'			
Date	10-AUG-2022		
Run Number	One		
Depth Driller	12378 FT		
Depth Logger	12267 FT		
Bottom Logged Interval	12252 FT		
Top Log Interval	Surface		
Open Hole Size	8.750"		
Type Fluid	Fresh Water		
Density / Viscosity	8.34 lb/gal		
Max. Recorded Temp.	302° F		
Estimated Cement Top	See Log		
Time Well Ready	ROA		
Time Logger on Bottom	14:00		
Equipment Number	8093		
Location	Grand Junction Colo		
Recorded By	A. Ellsworth		
Witnessed By	R. Tompkins		
Run Number	8.75"	From	To
Bit	Surface	12378'	
Size			
Wgt/Ft			
Top			
Bottom			
Surface String	9.625"	36	3010 FT
Prot. String	4.5"	11.6	12362 FT
Production String			
Liner			

<<<< Fold Here >>>>

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 ran as per customer request.
Depth referenced to Kelly Bushing @ 30FT
Marker Joint from 7978 FT - 7988 FT
Log ran from 12252 FT to Surface
Log ran with 0 PSI surface induced pressure.

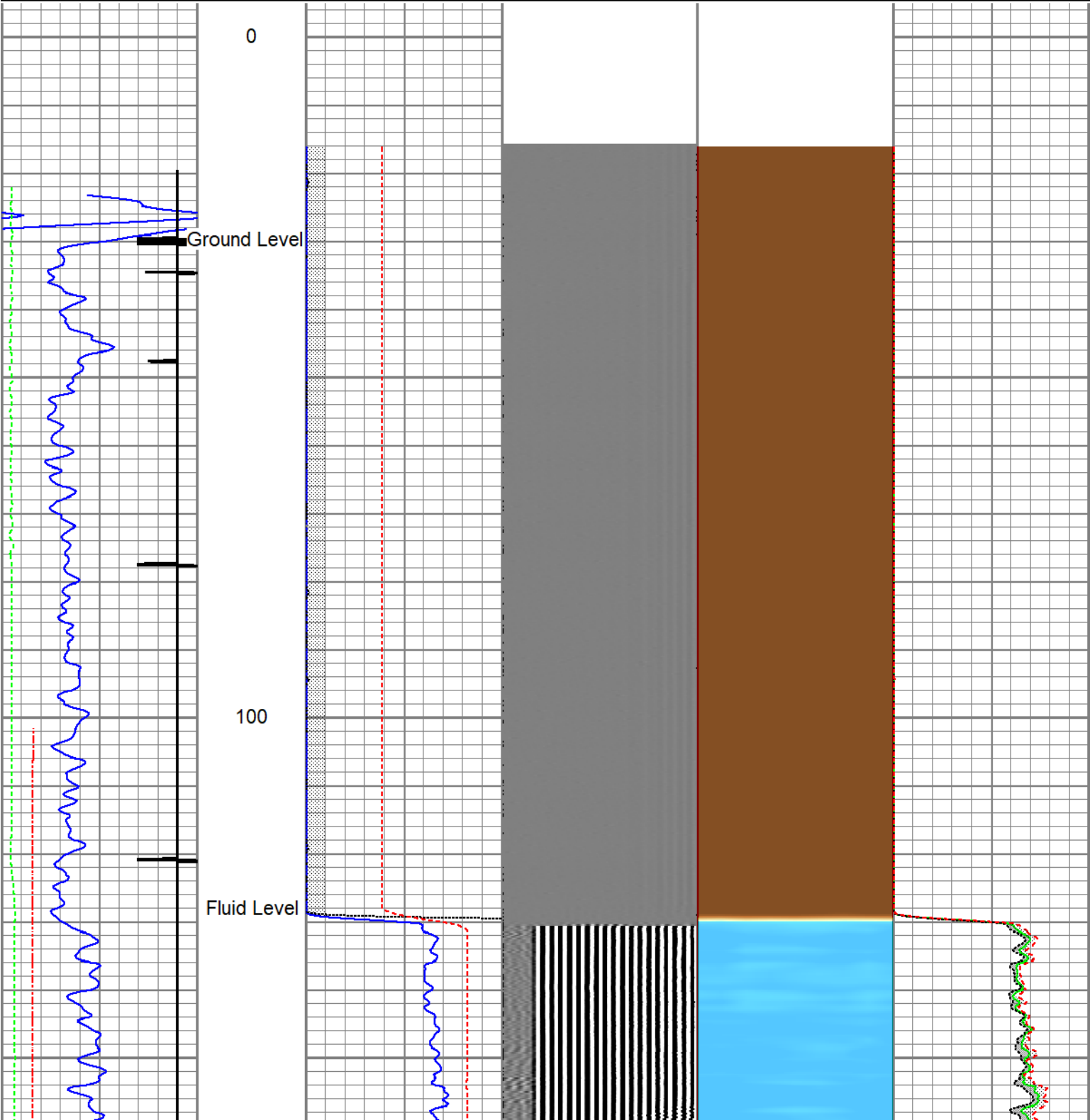
Thank you for choosing The Wireline Group!!!

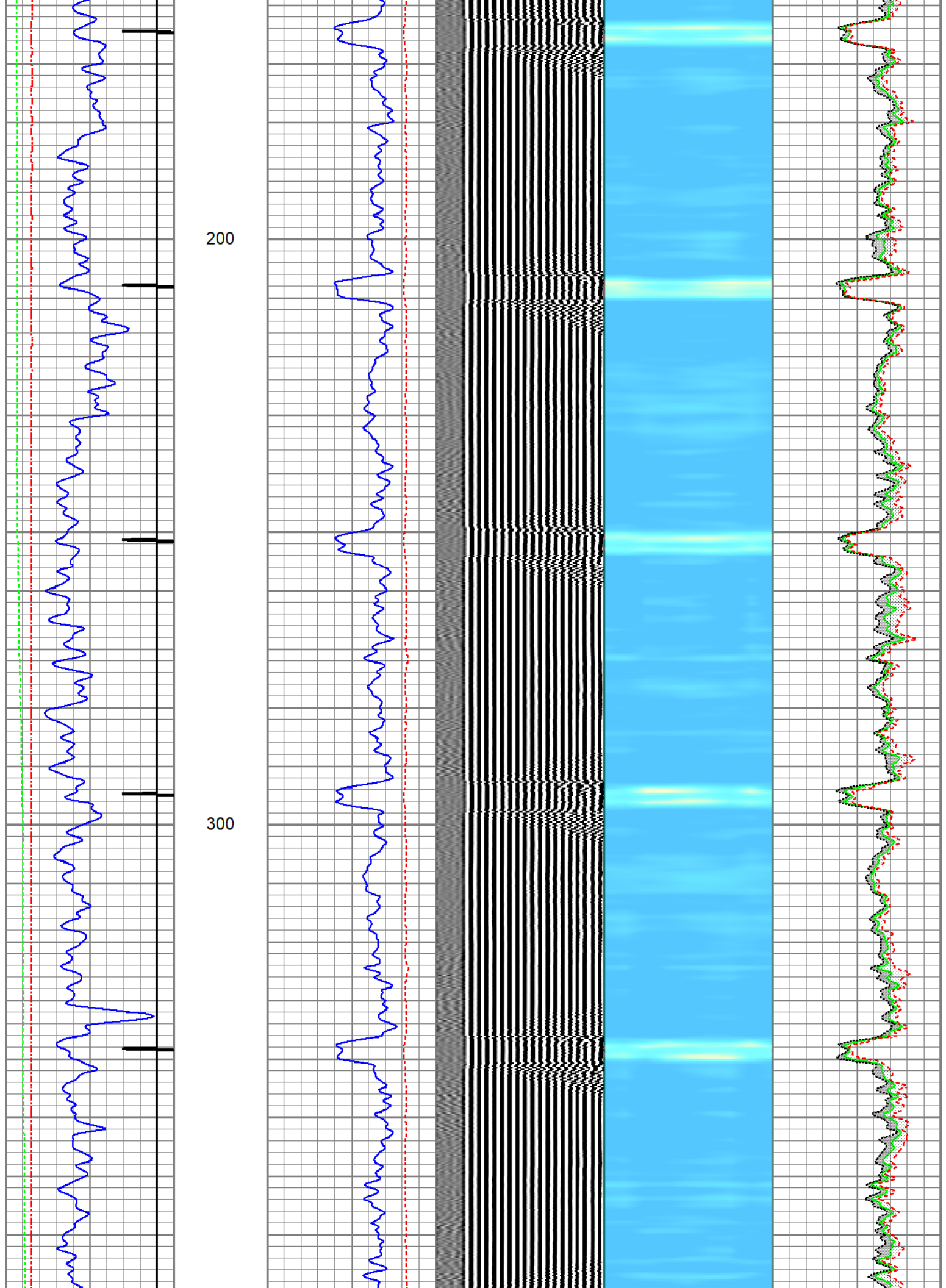


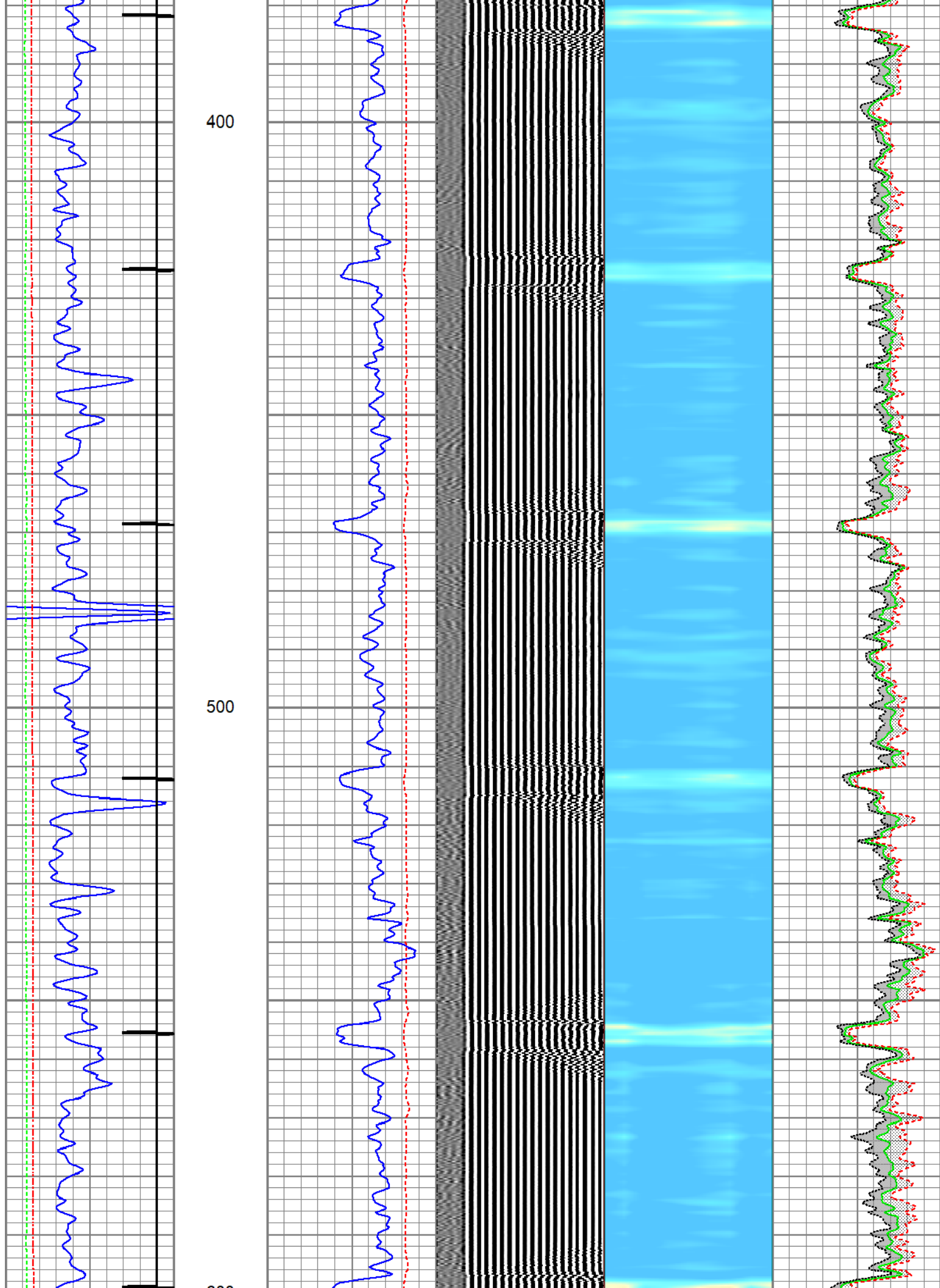
Main Pass 5" = 100'

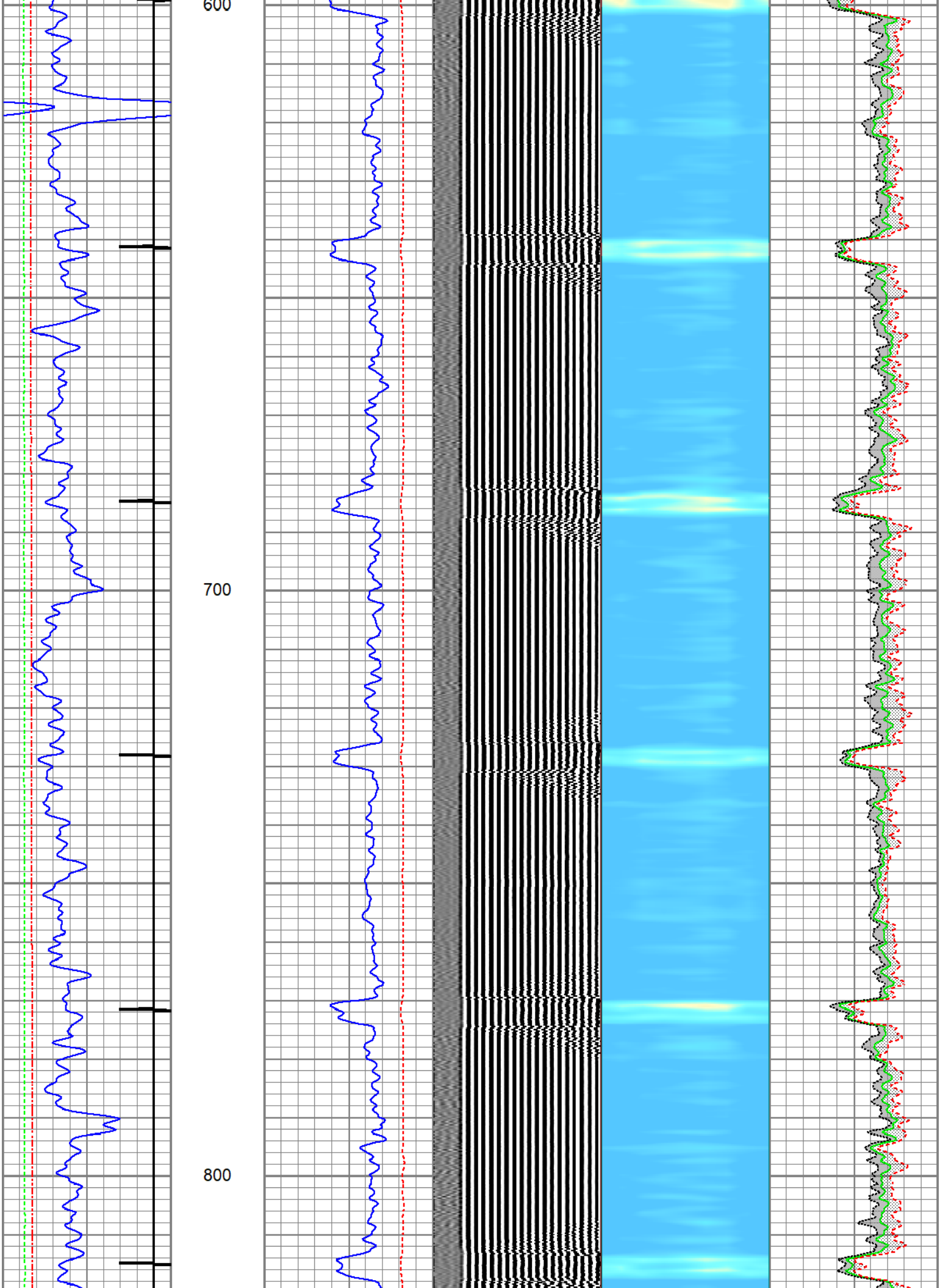
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Dataset Pathname	main
Presentation Format	twgrcbl
Dataset Creation	Wed Aug 10 14:16:53 2022
Charted by	Depth in Feet scaled 1:240

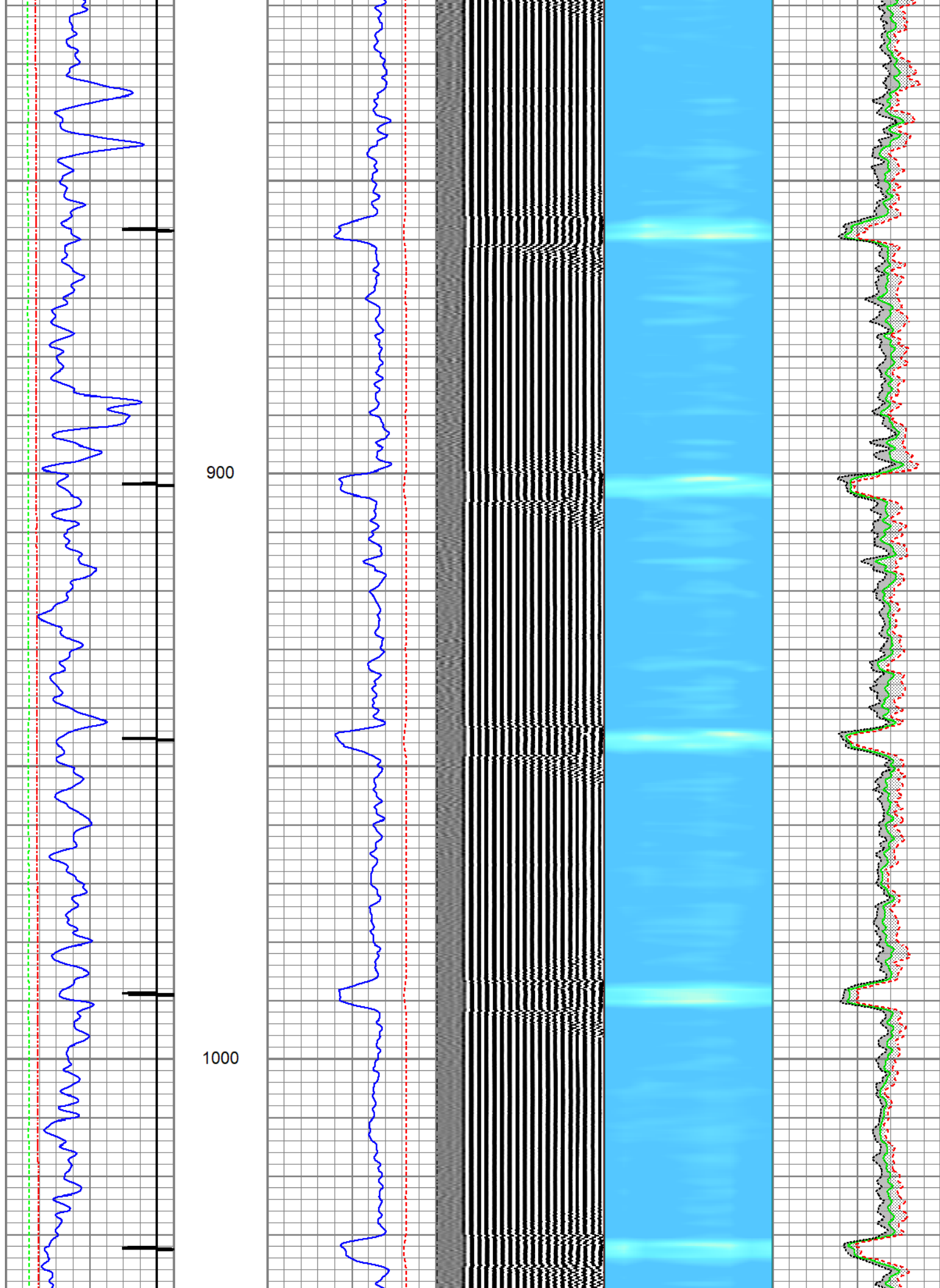
Gamma Ray			3' Amplitude		5' Variable Density Log	Sector Map	Average Amplitude	
0	(GAPI)	200	0	(mV)	100		0	120
0	LTEN (lb)	4000	3' Amplitude x 5				Minimum Amplitude	
GCT_Temp			0	(mV)	20		0	120
10	(degF)	310	3' Travel Time				Maximum Amplitude	
-9	CCL	1	650	(usec)	150		0	120

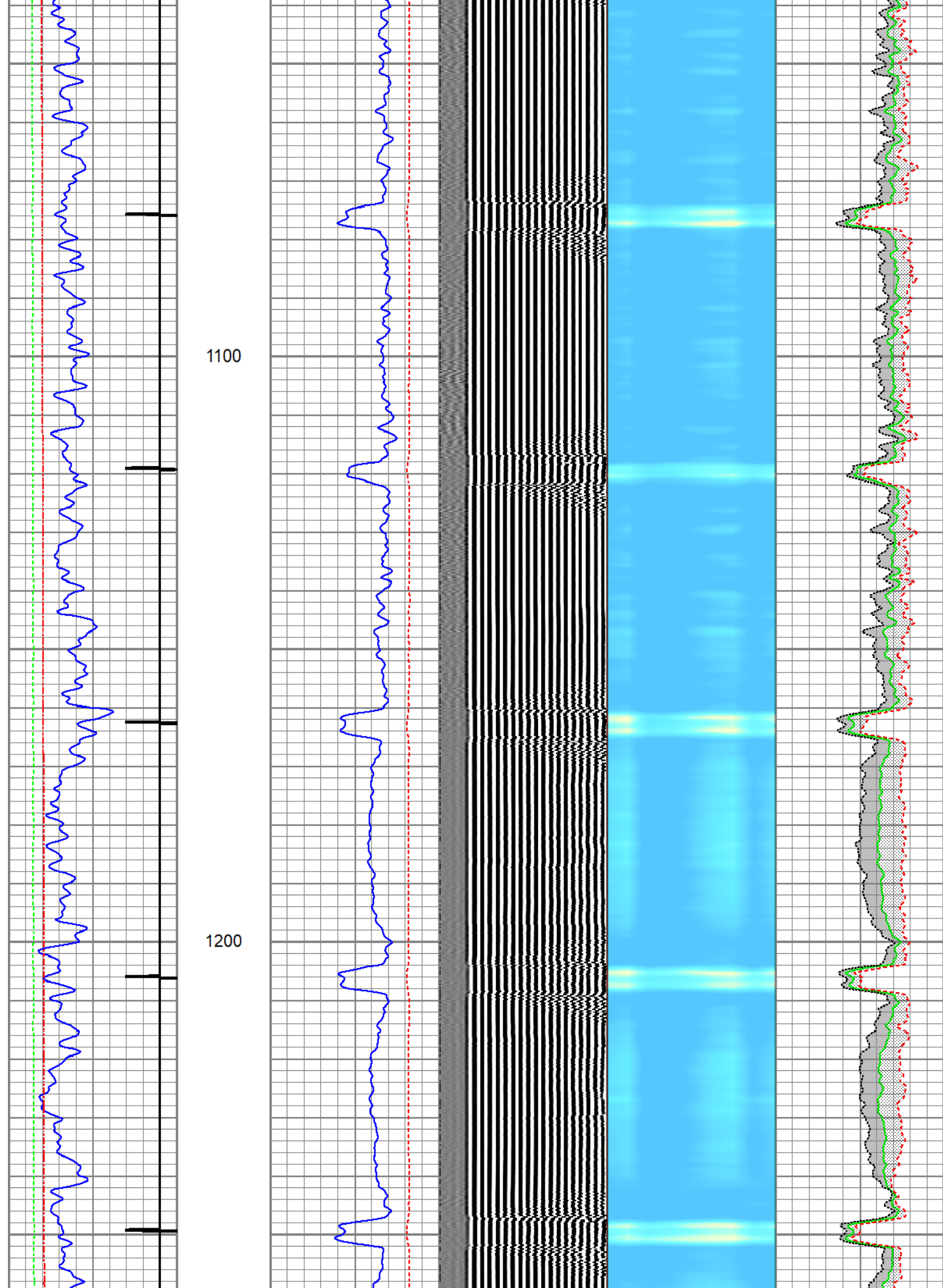


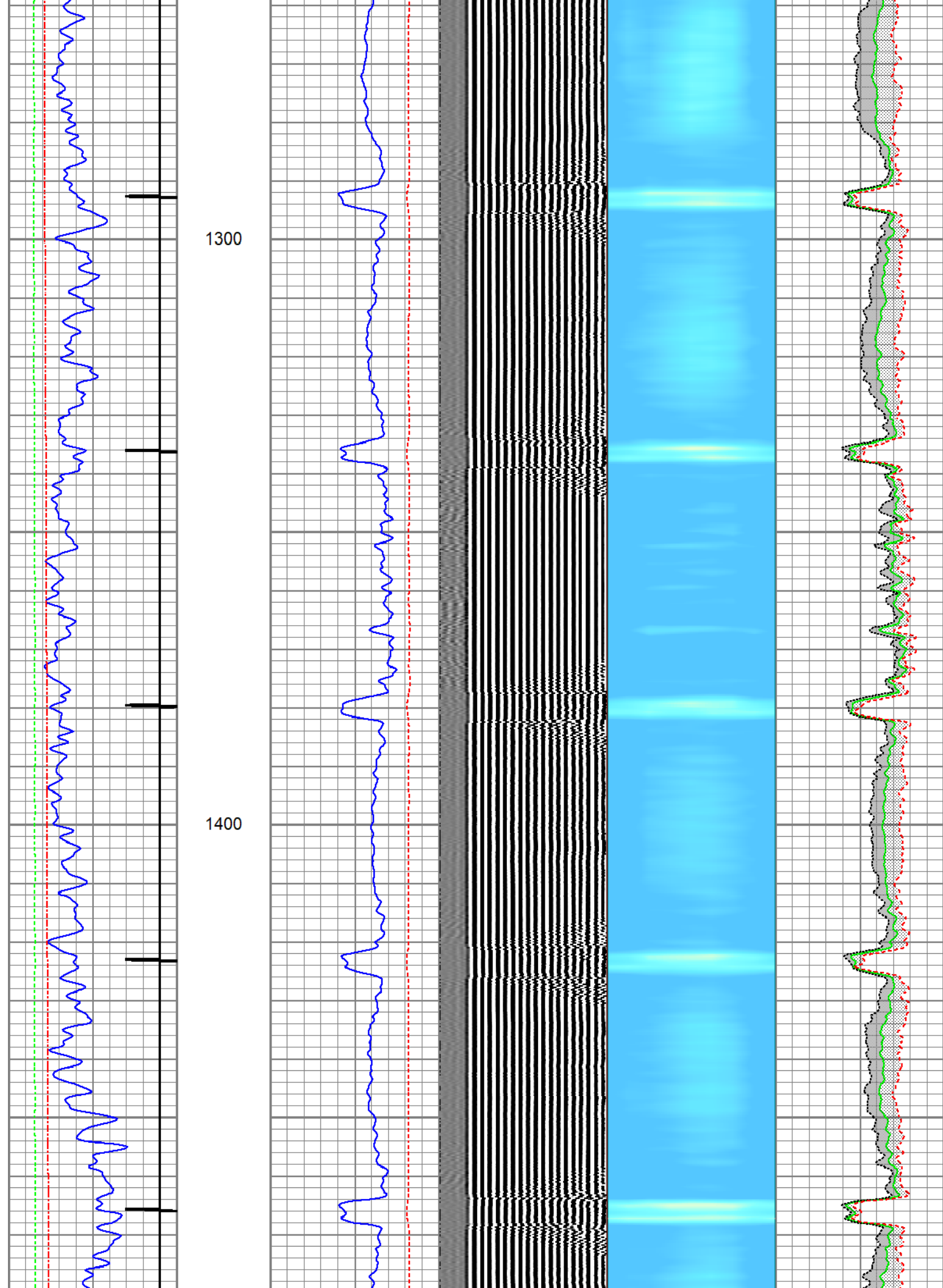


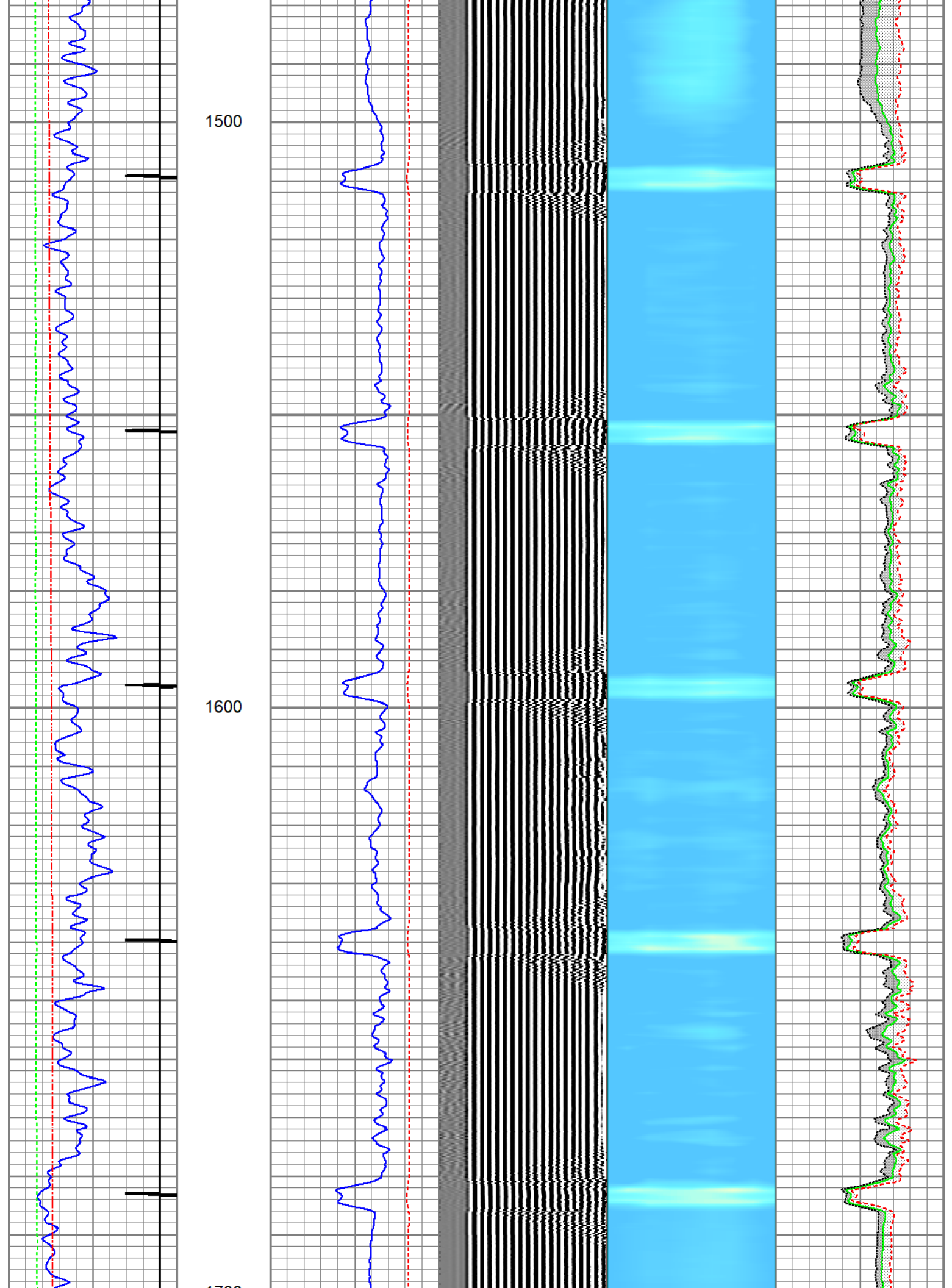


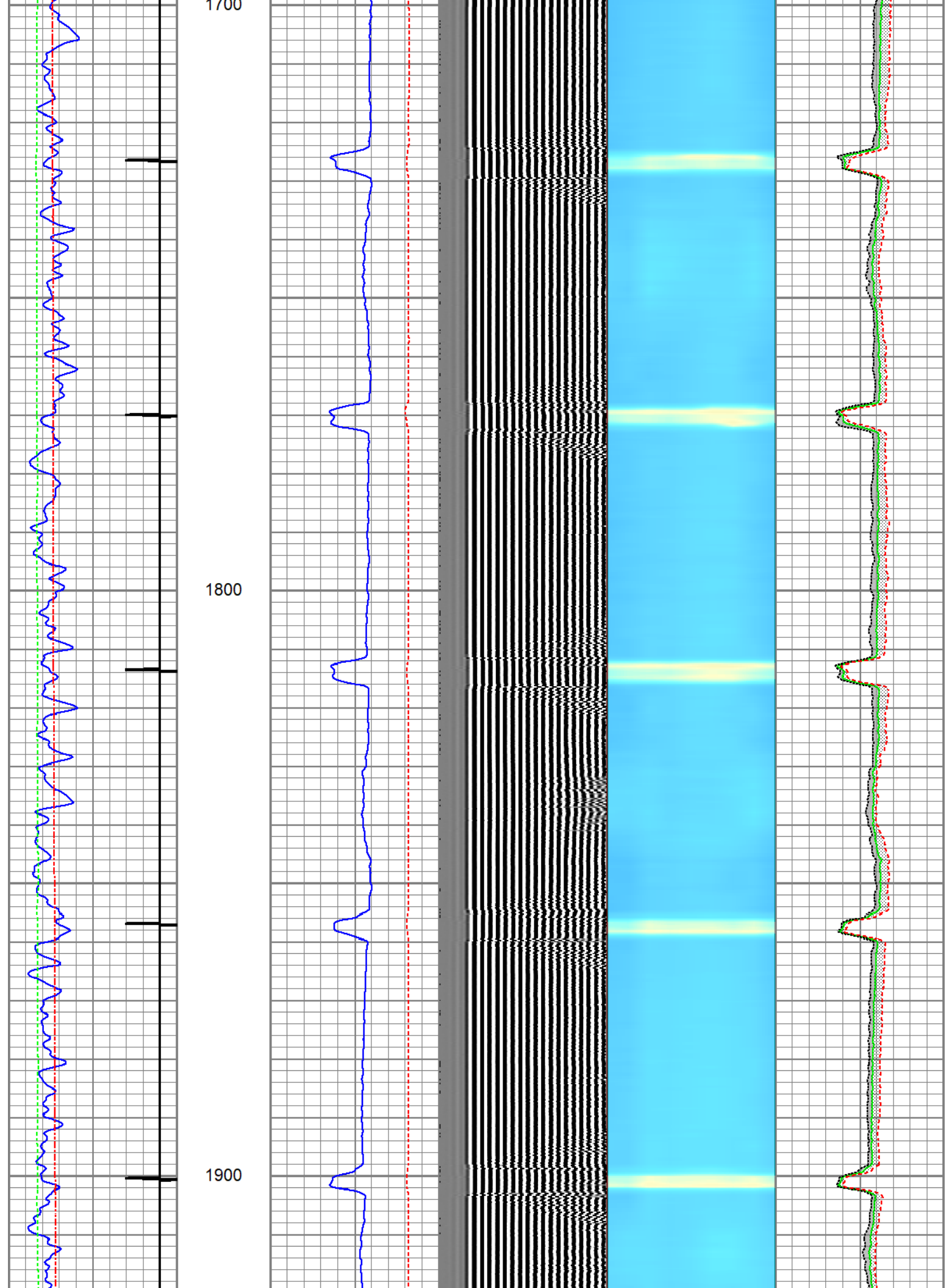


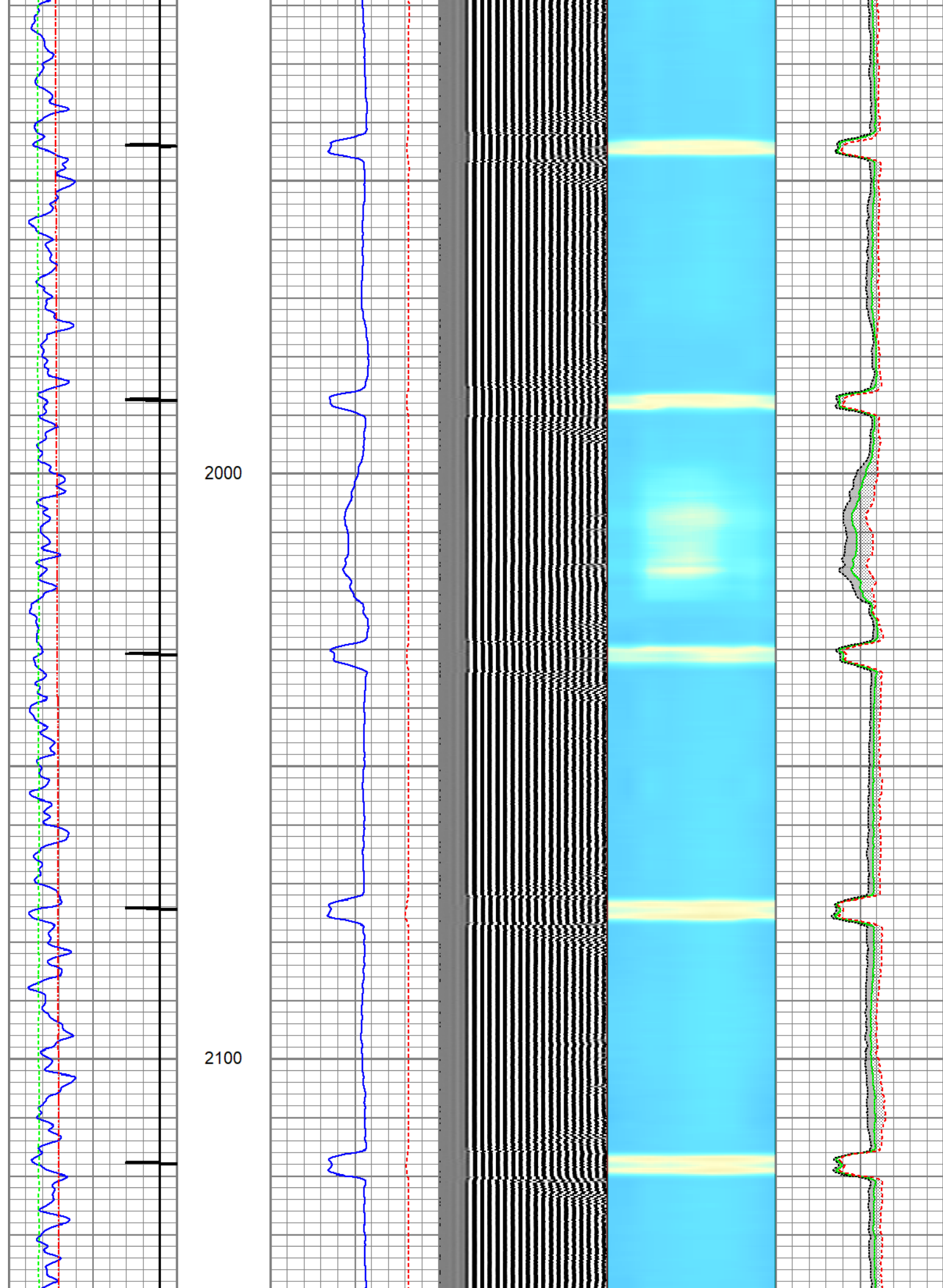


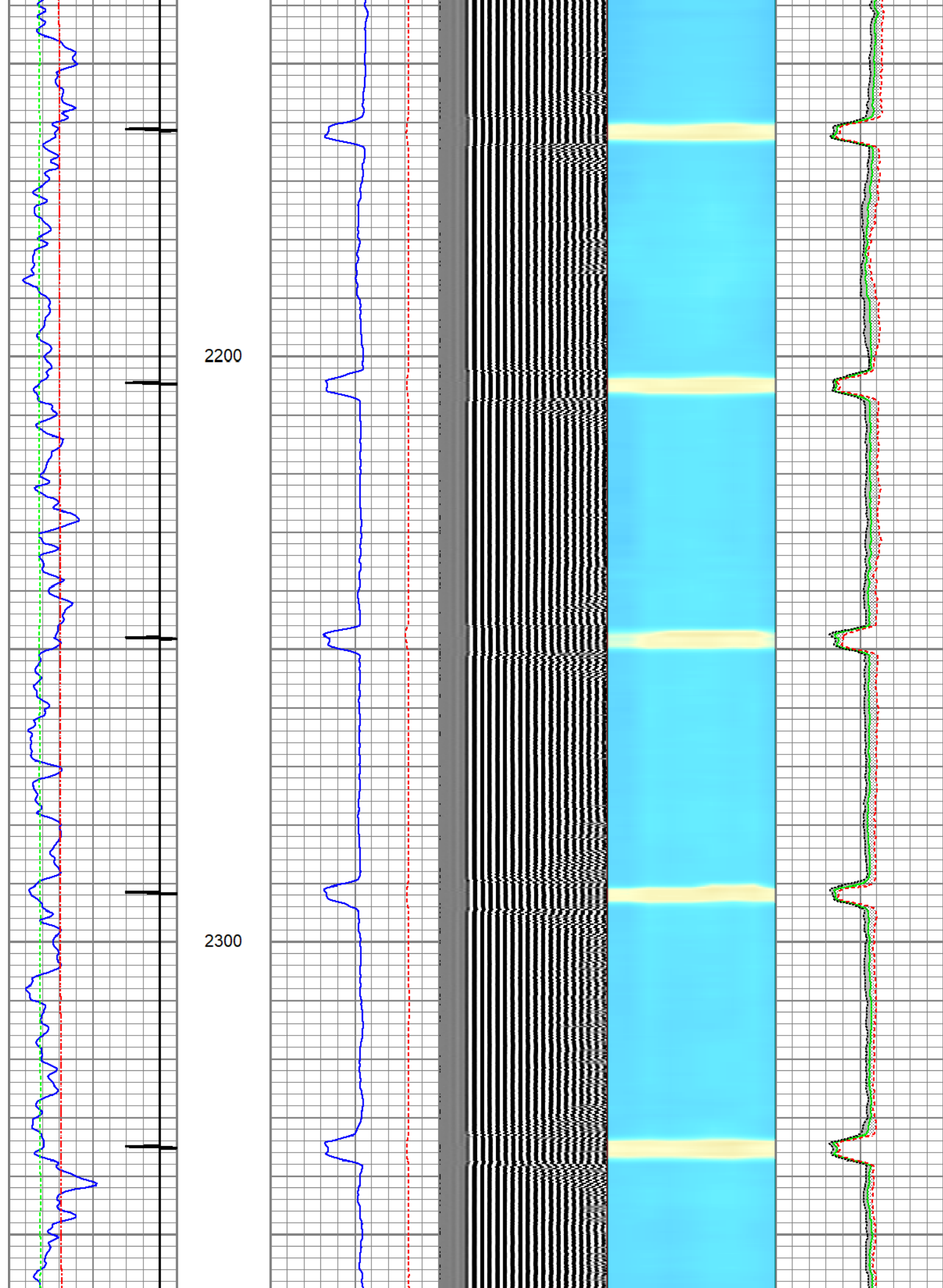


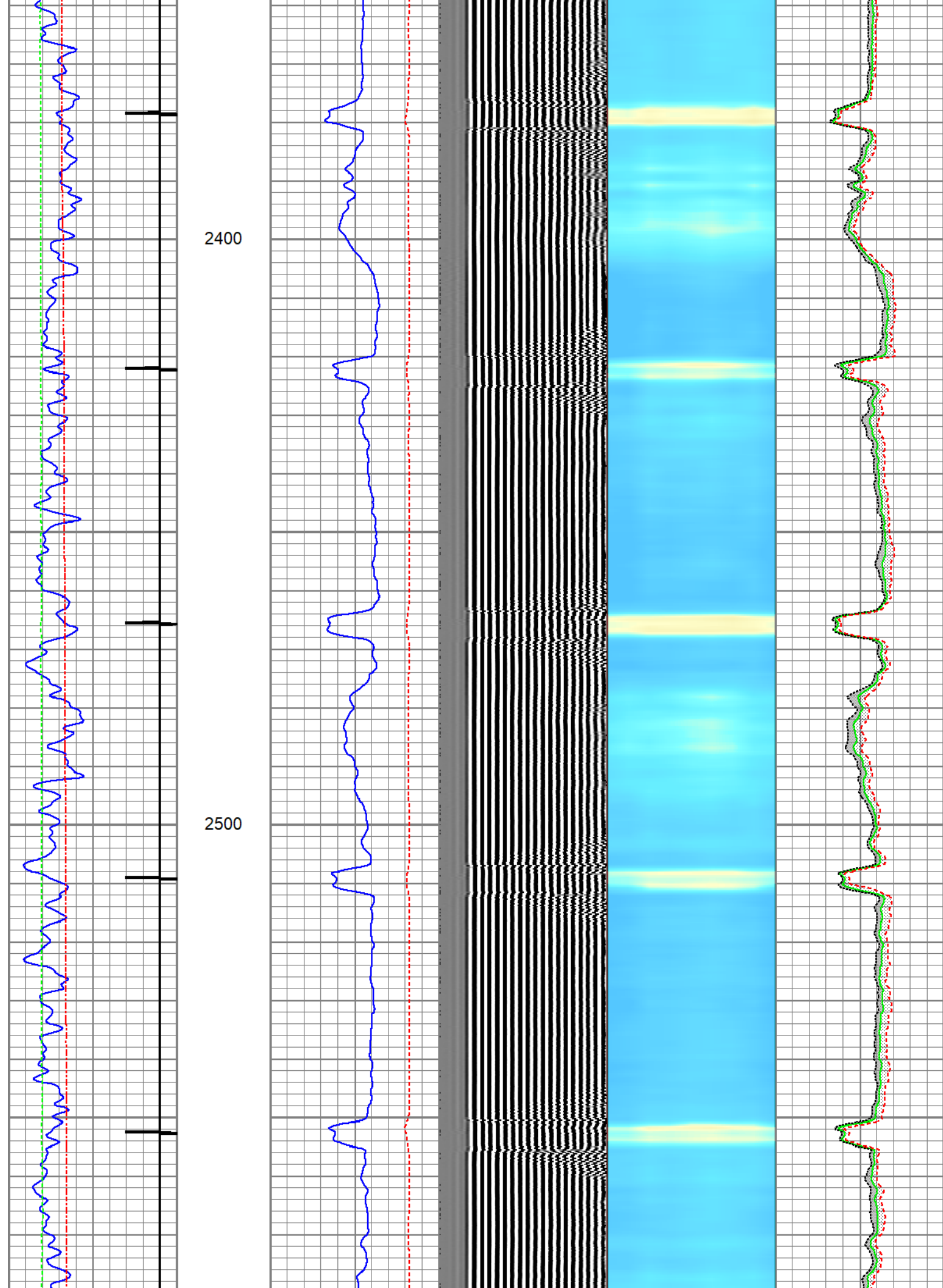


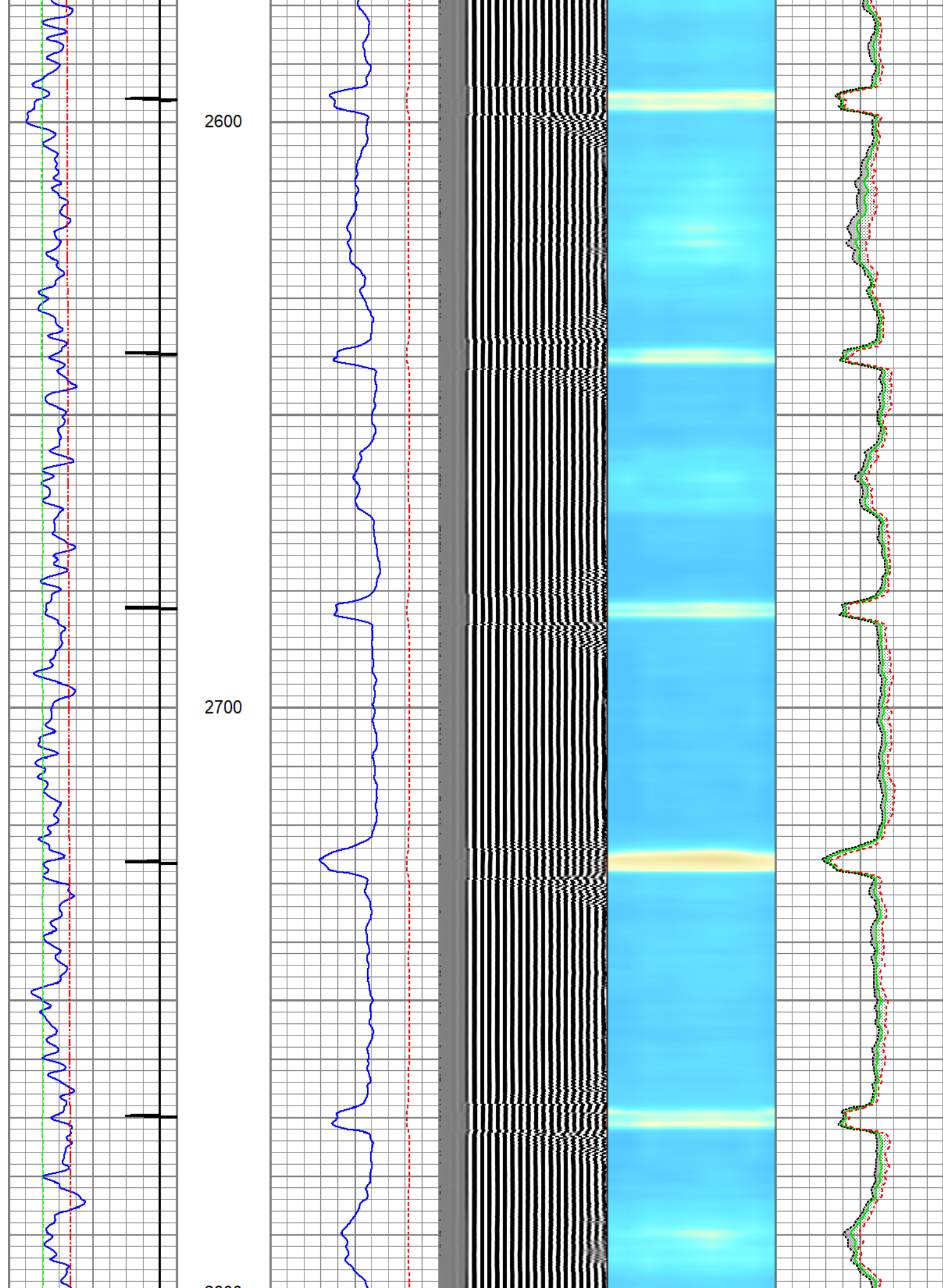


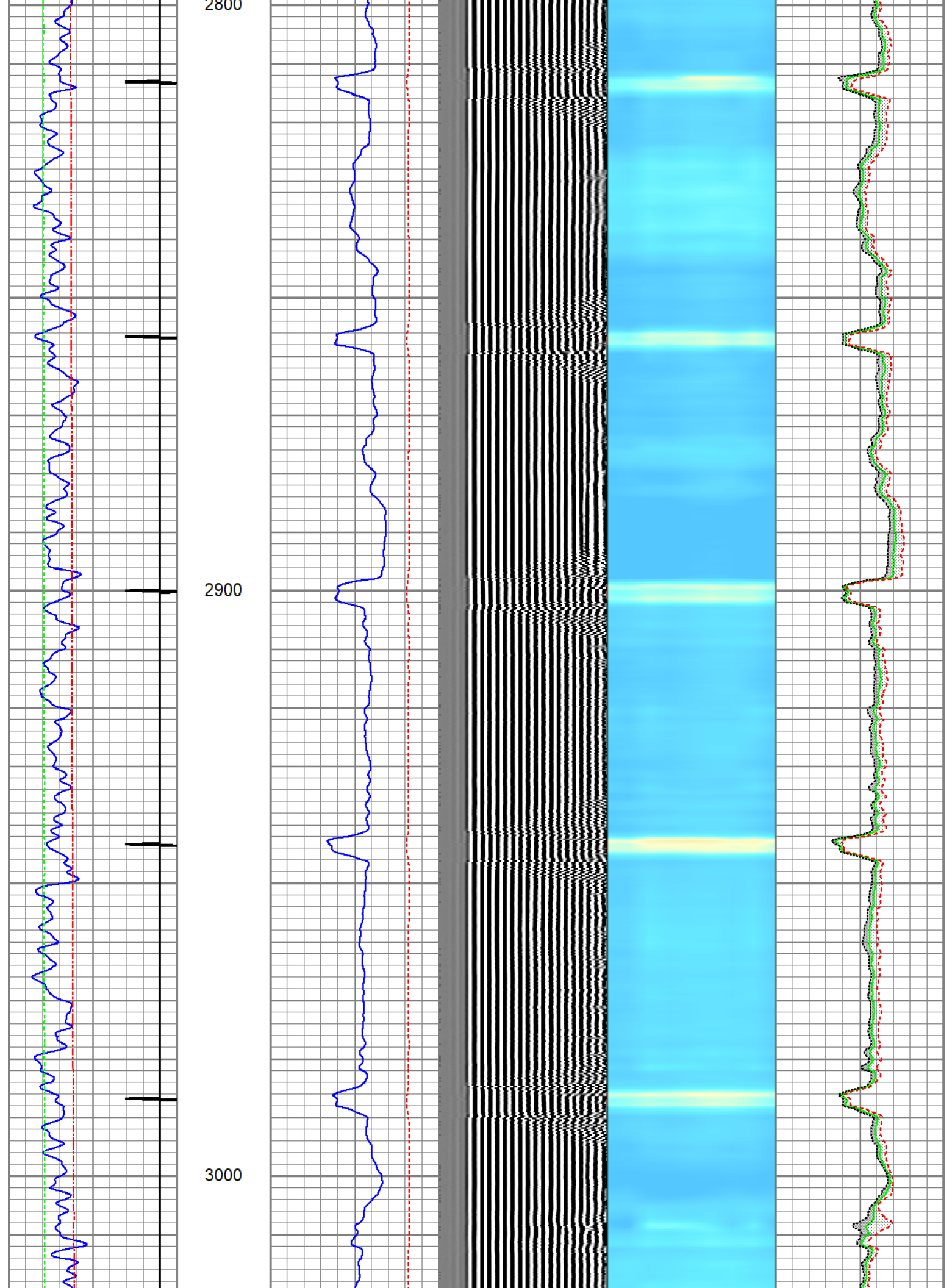






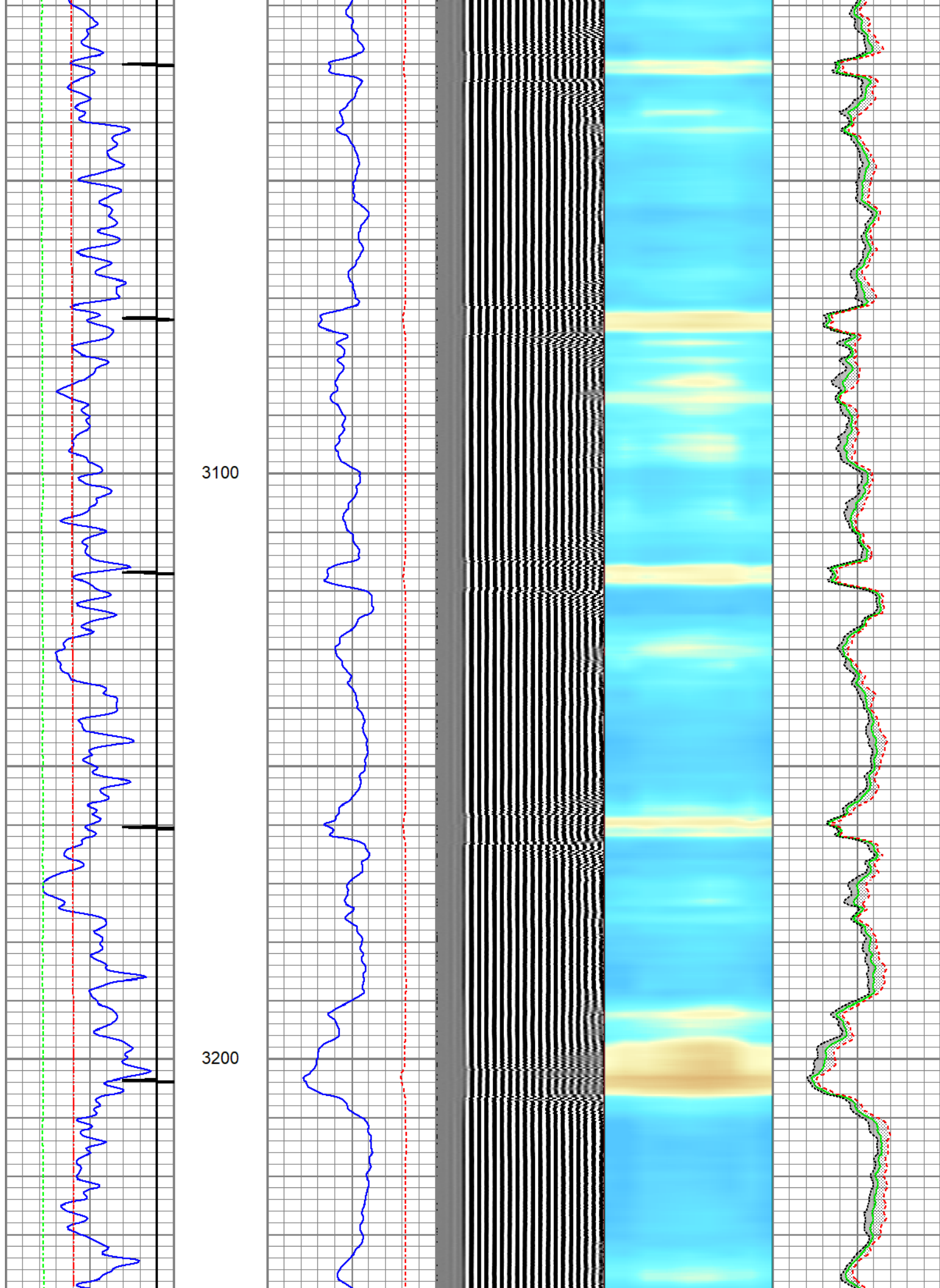


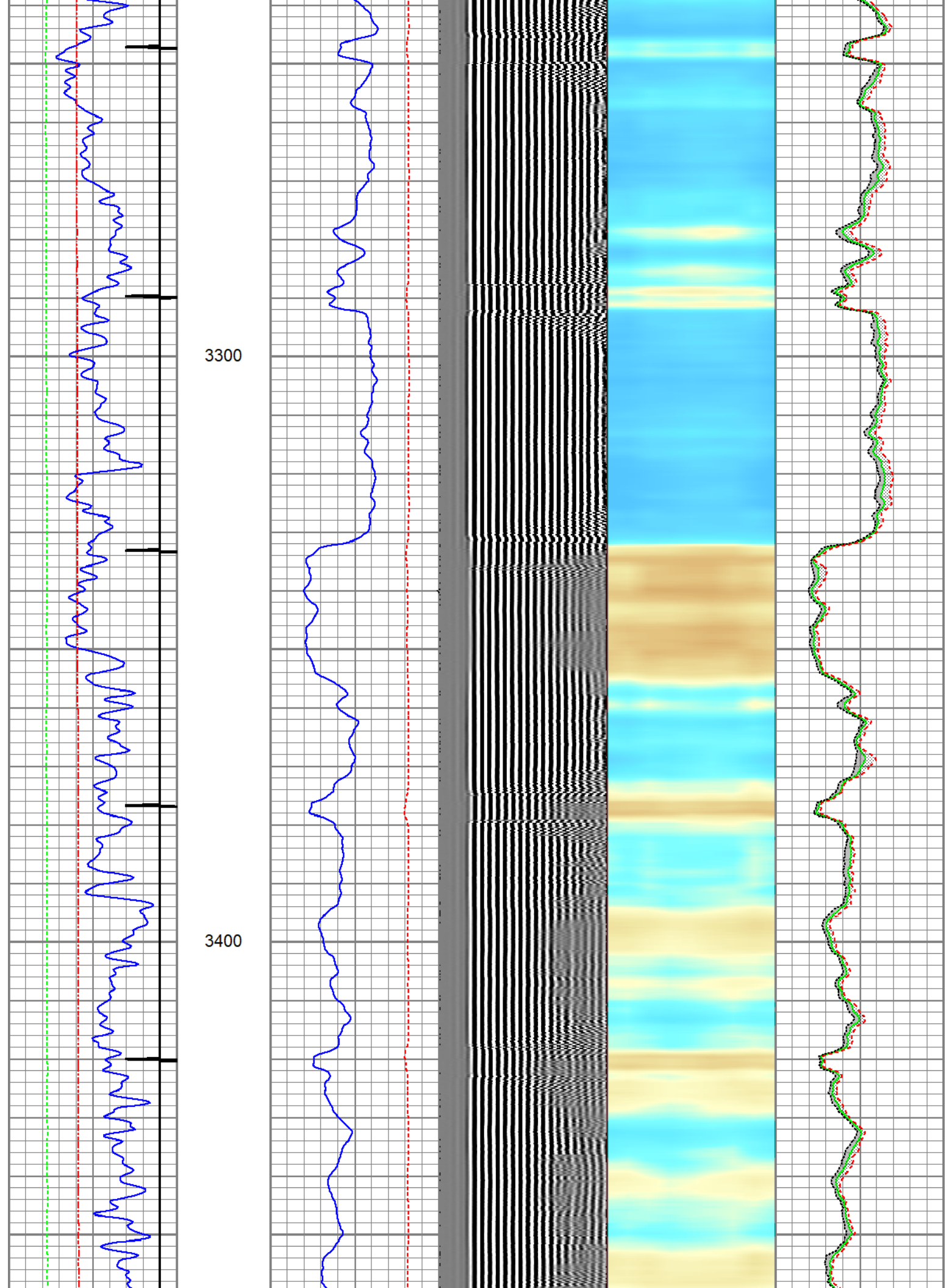


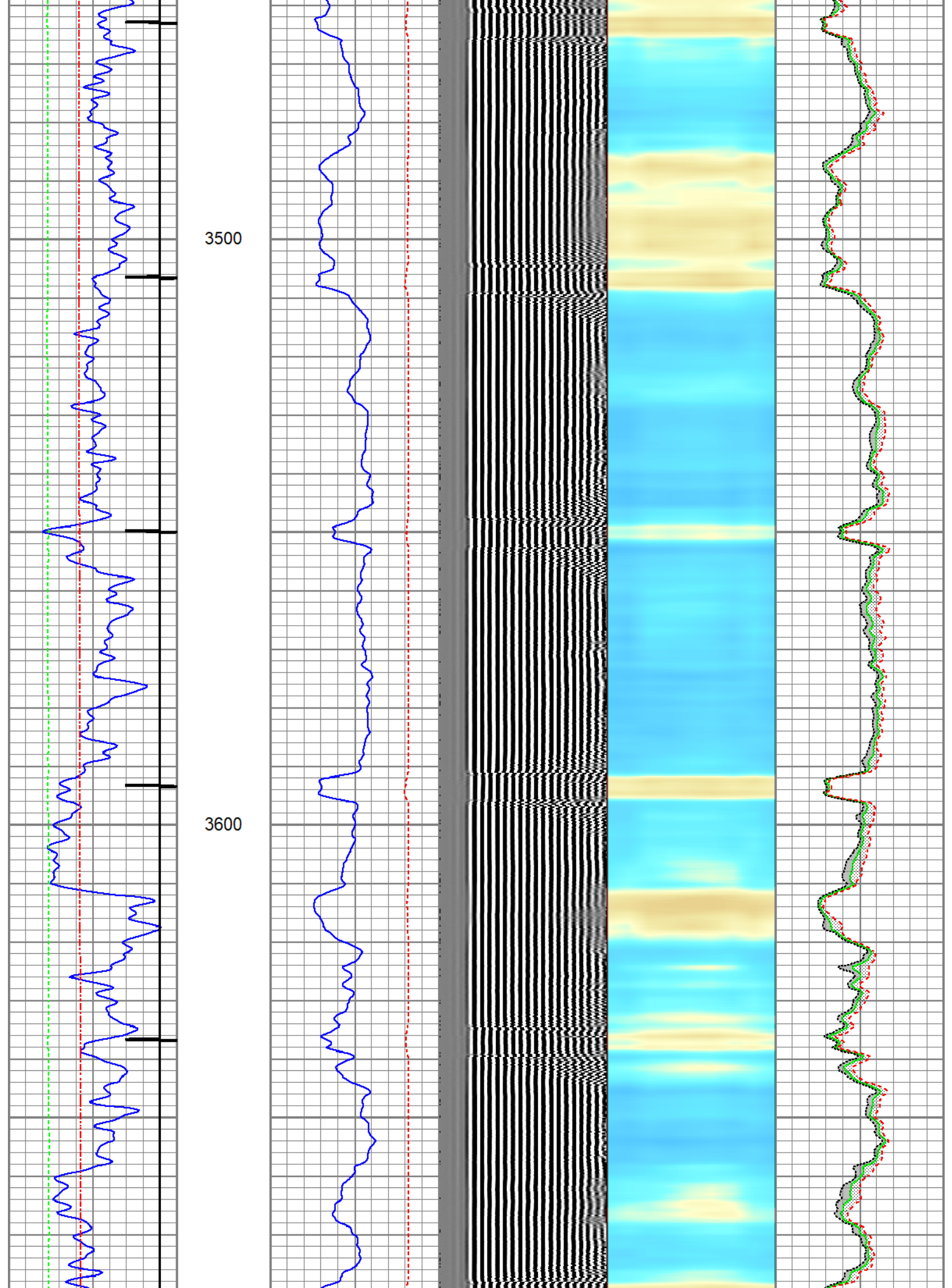


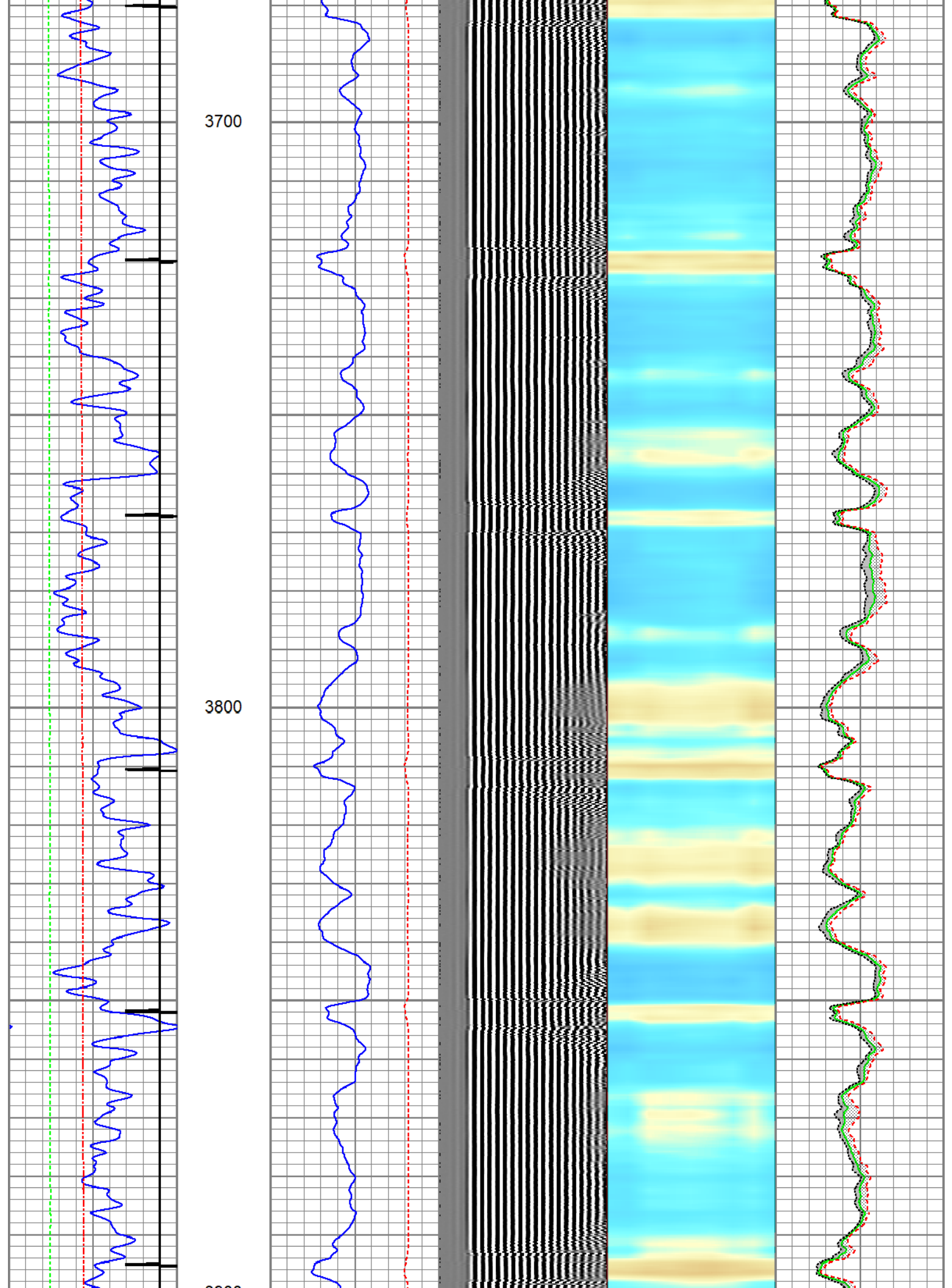
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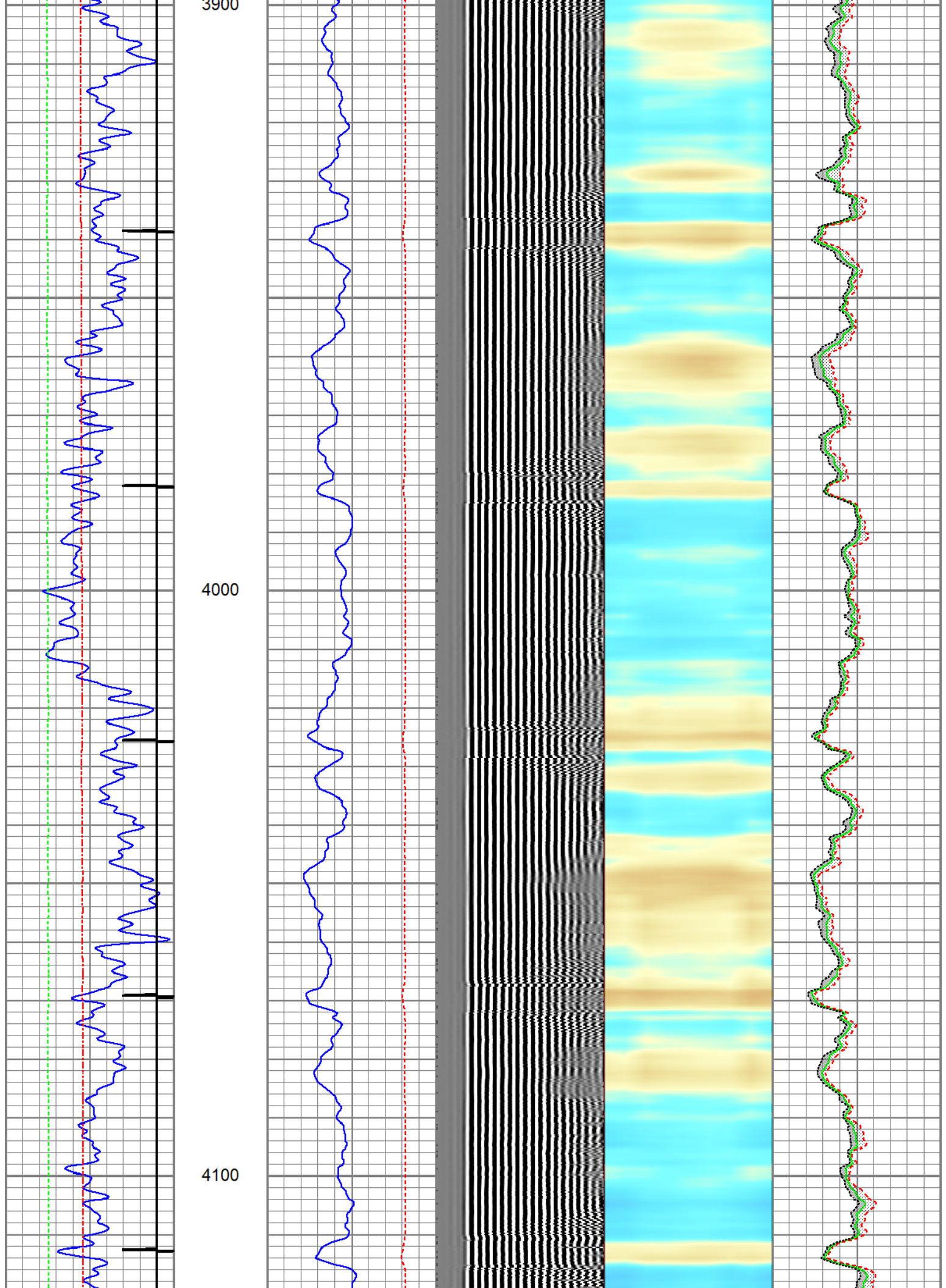
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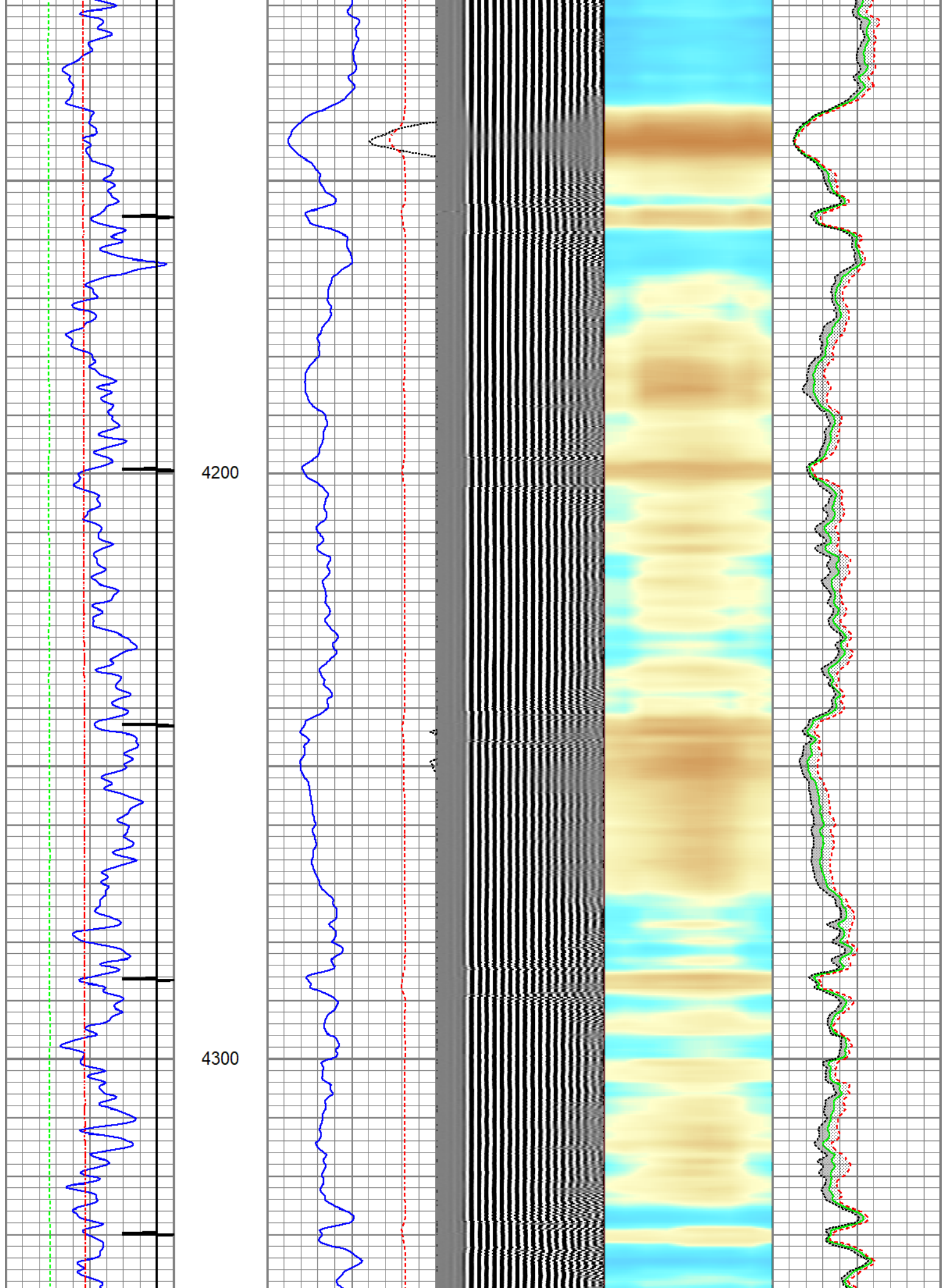


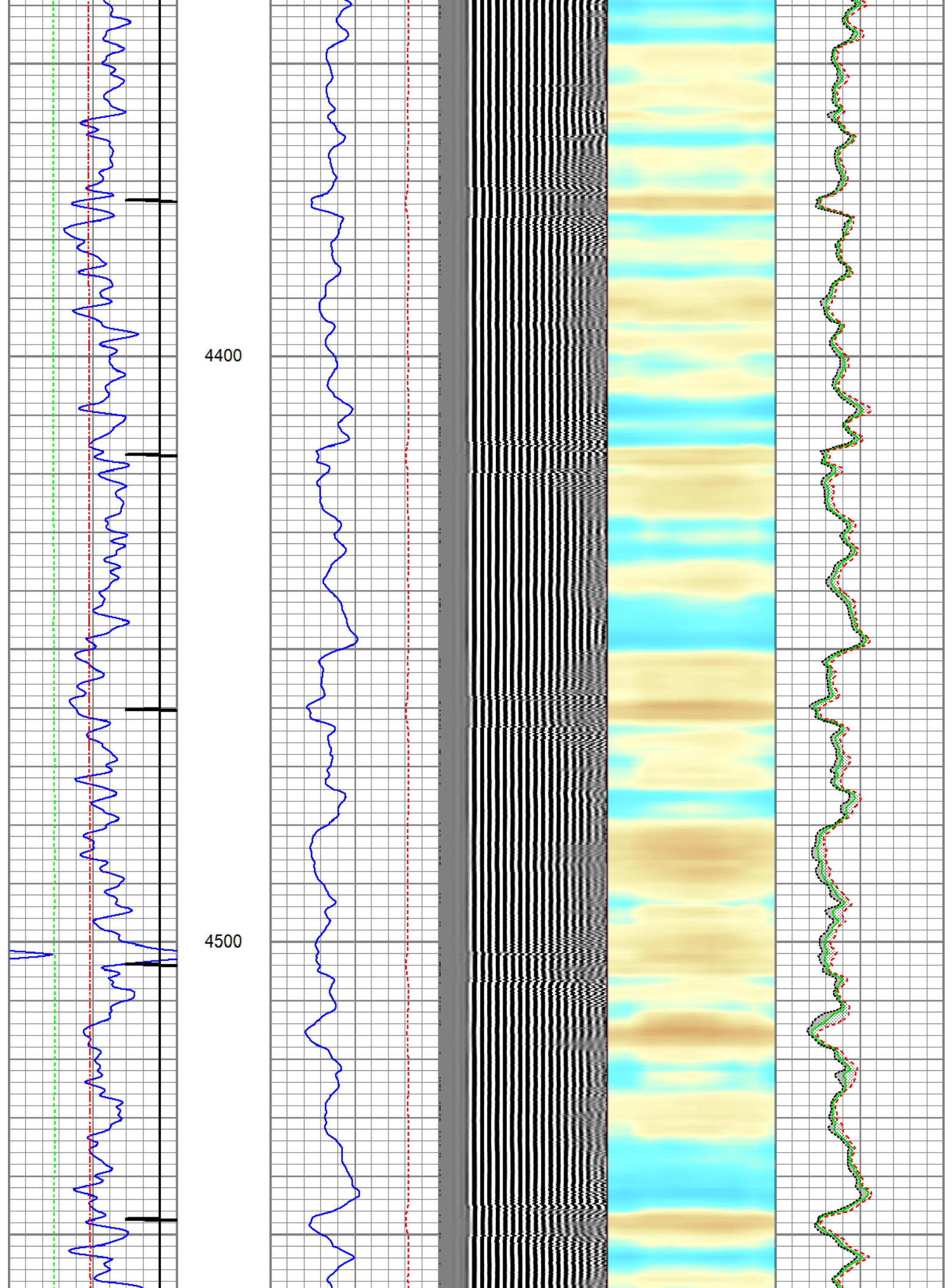


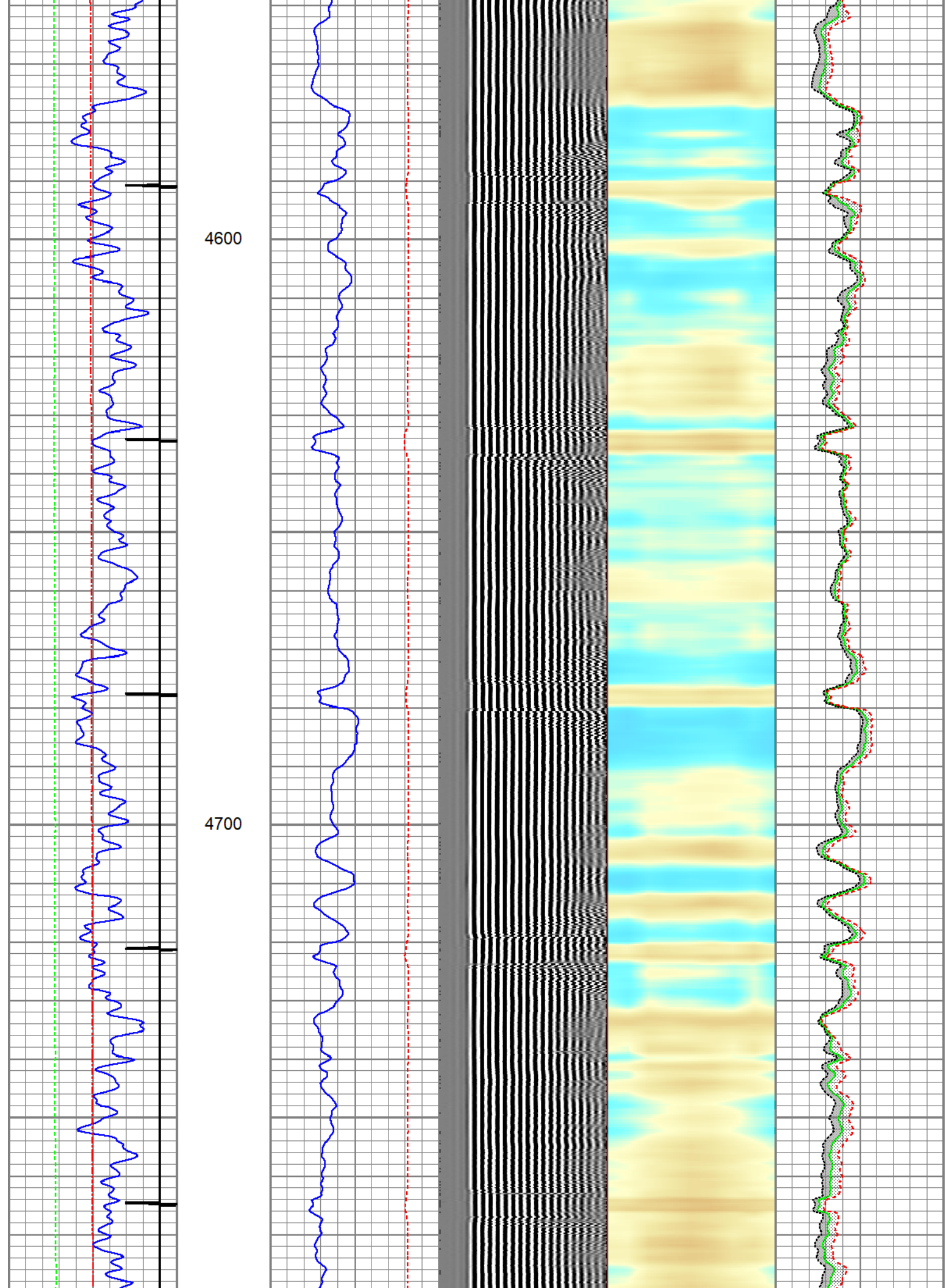


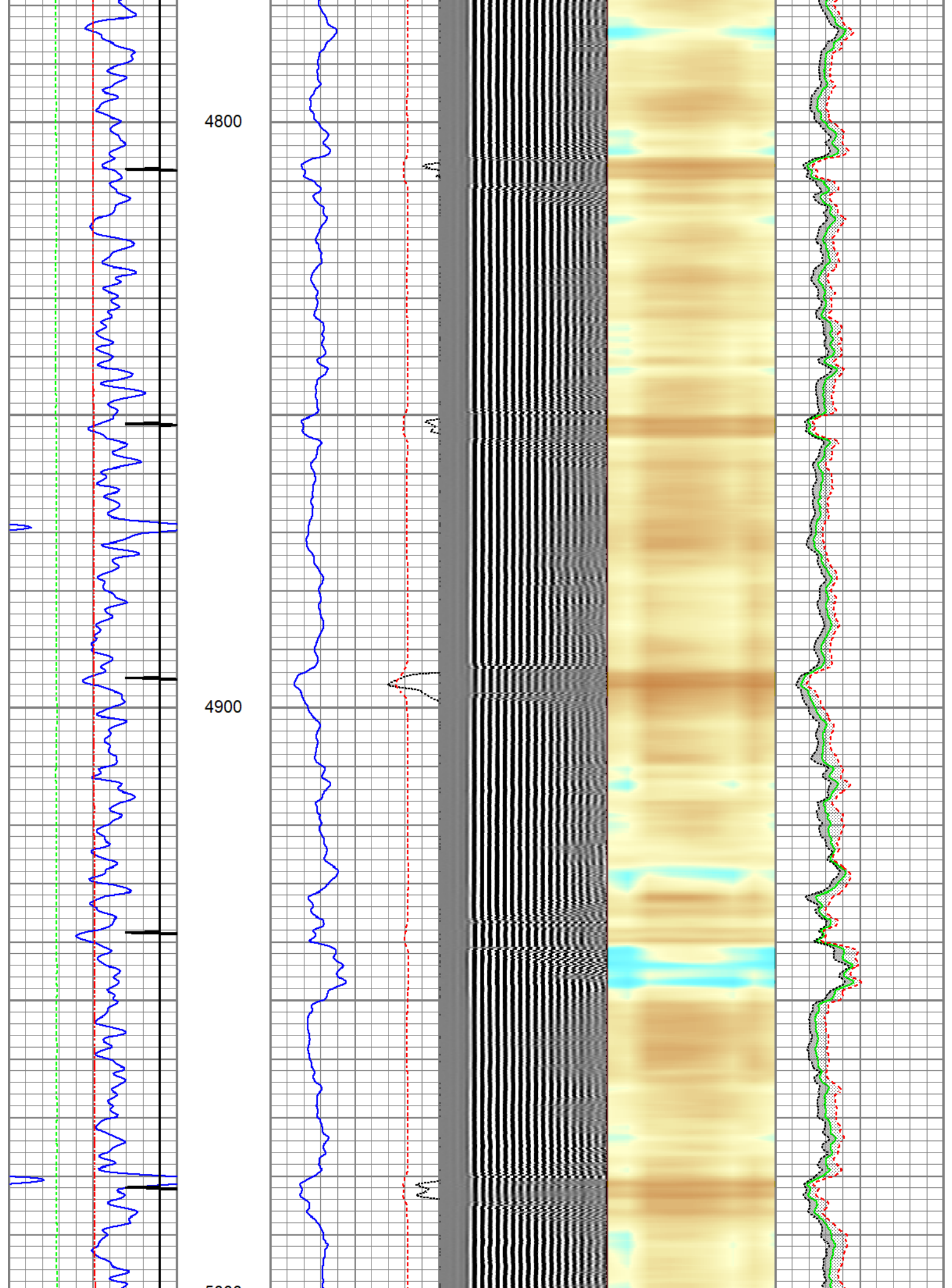


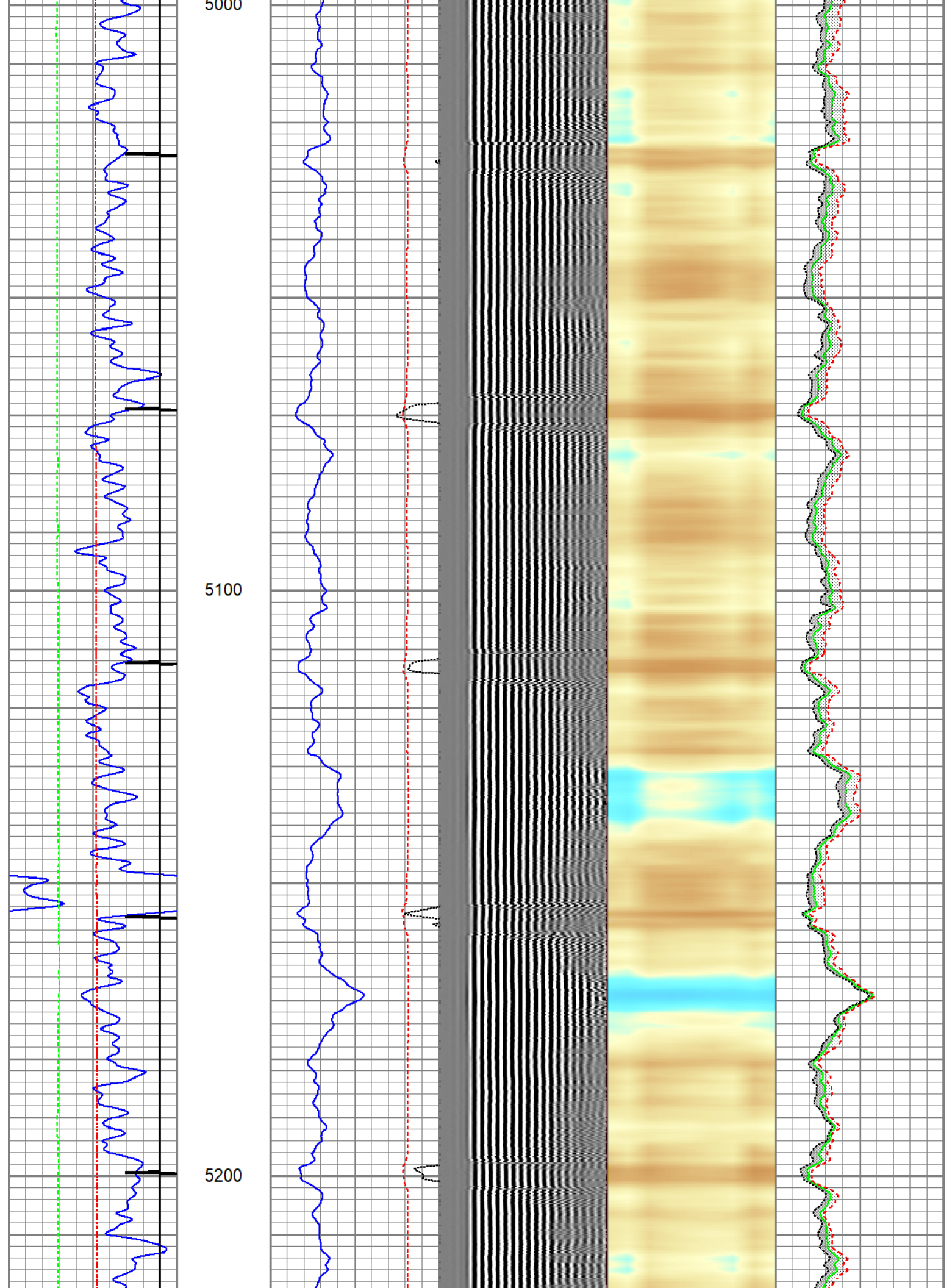


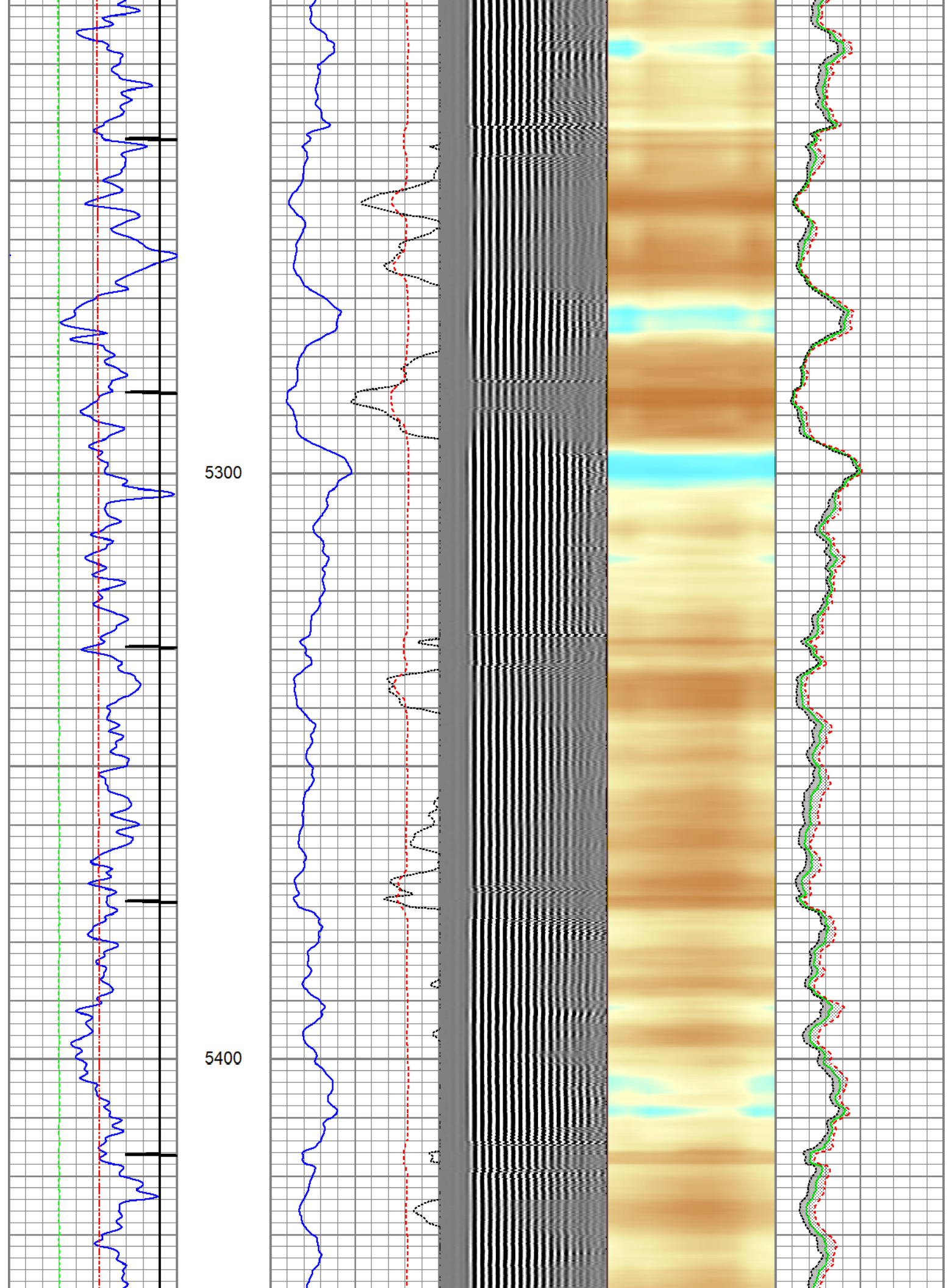


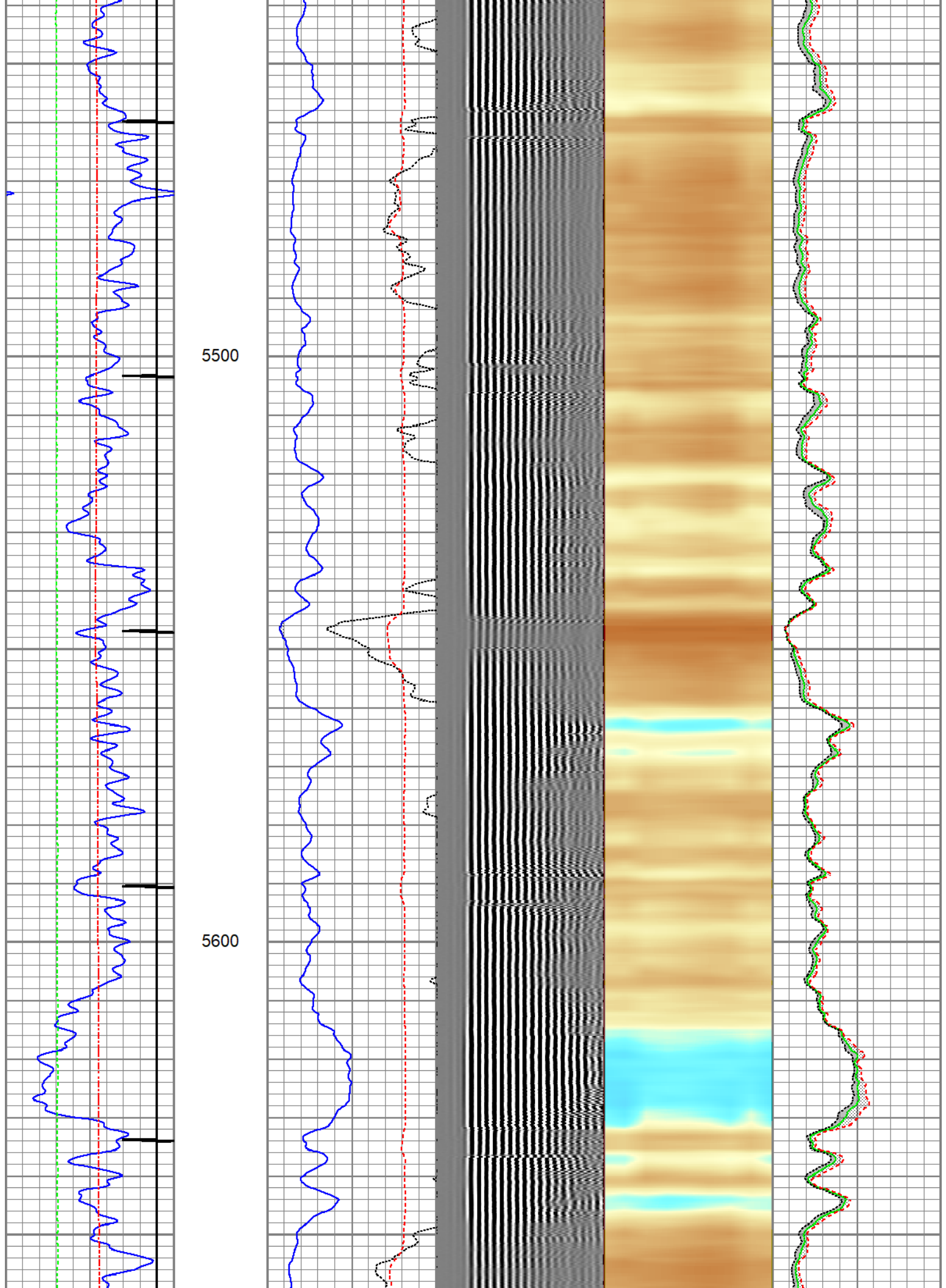


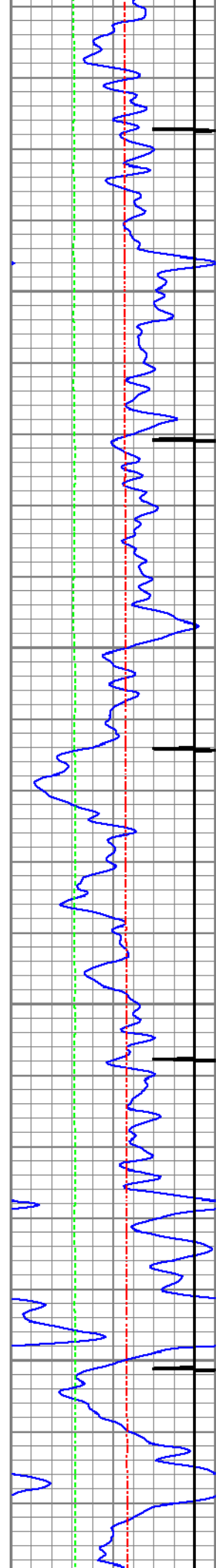






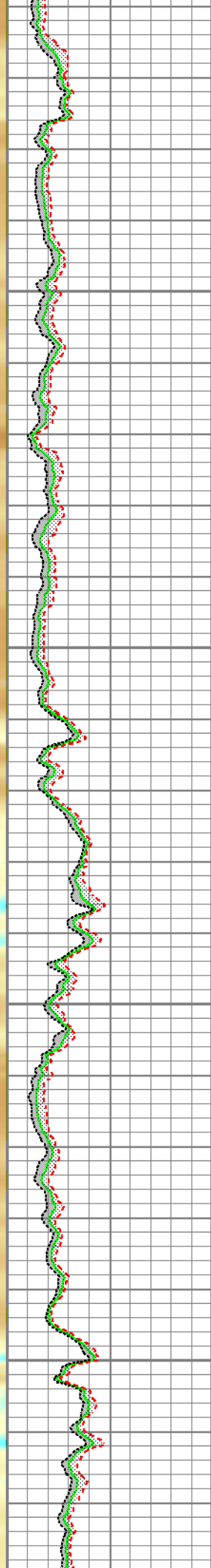
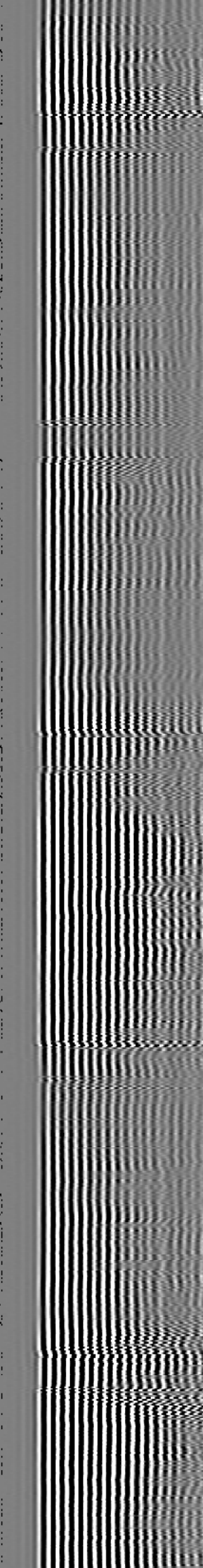
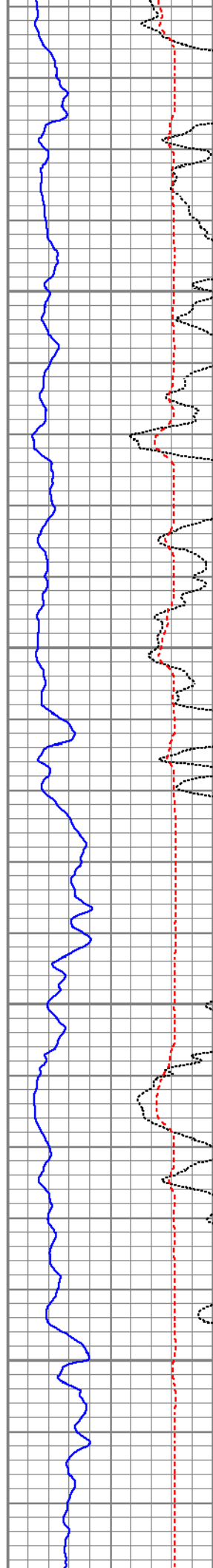


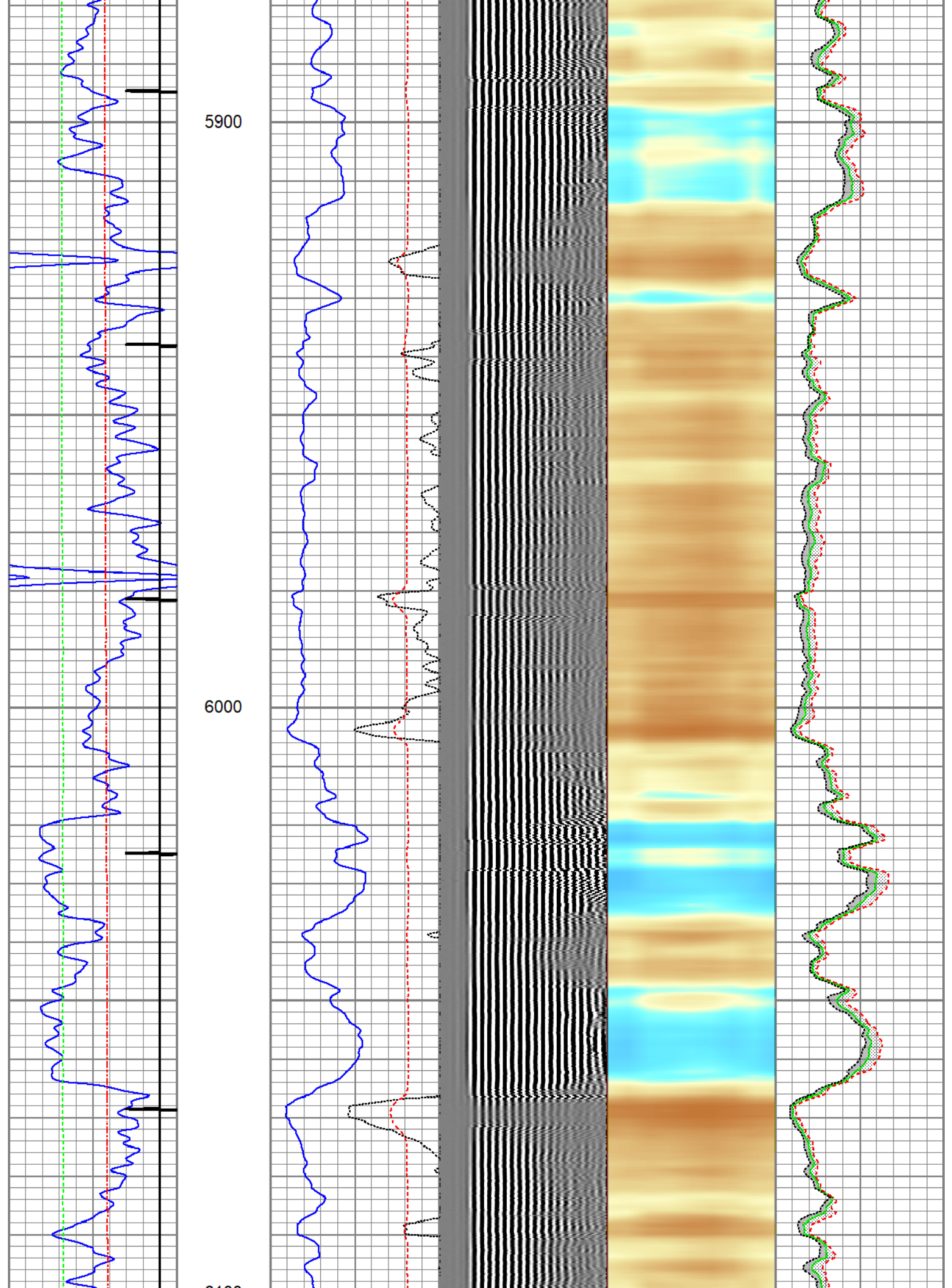




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5800

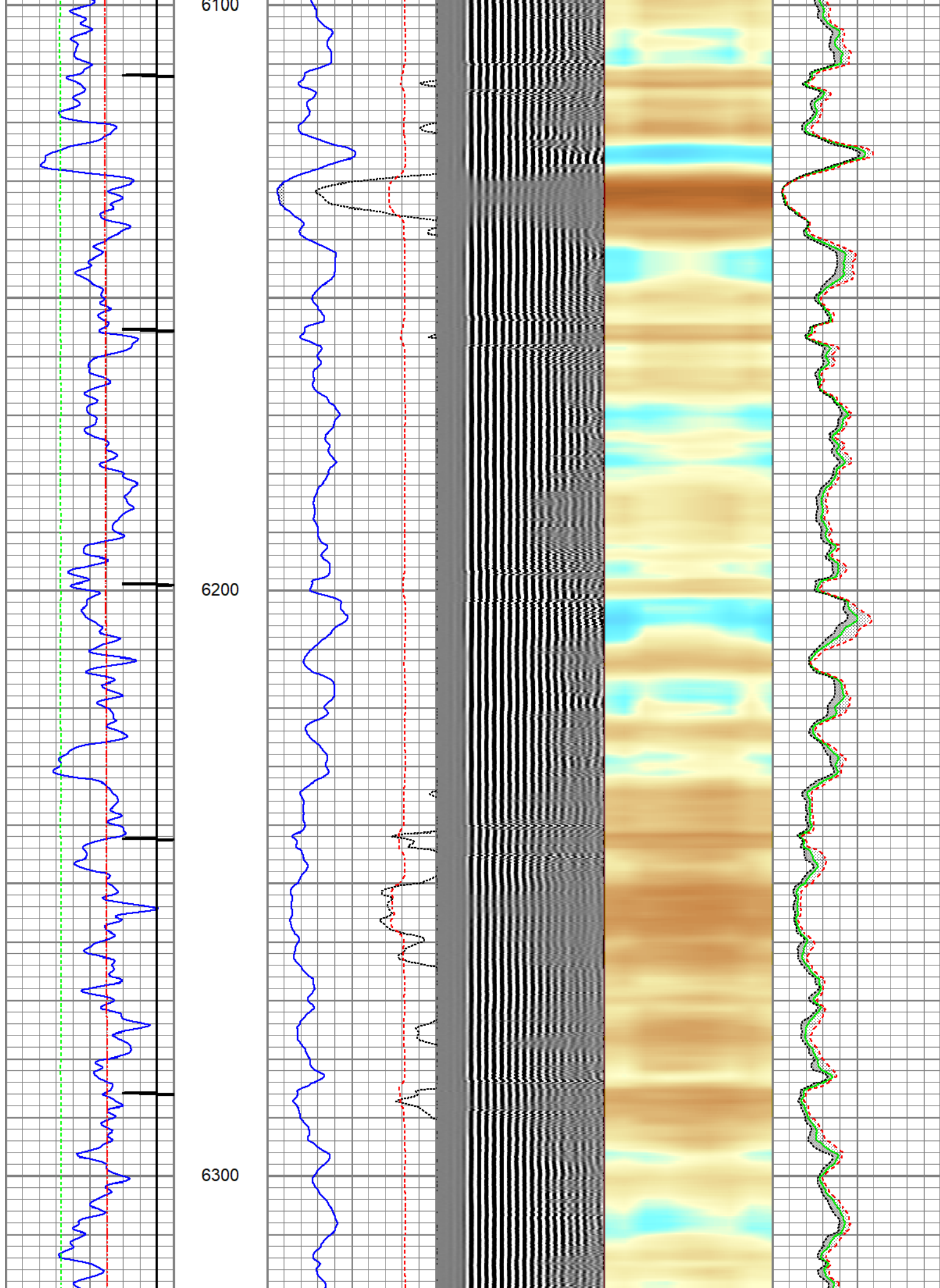


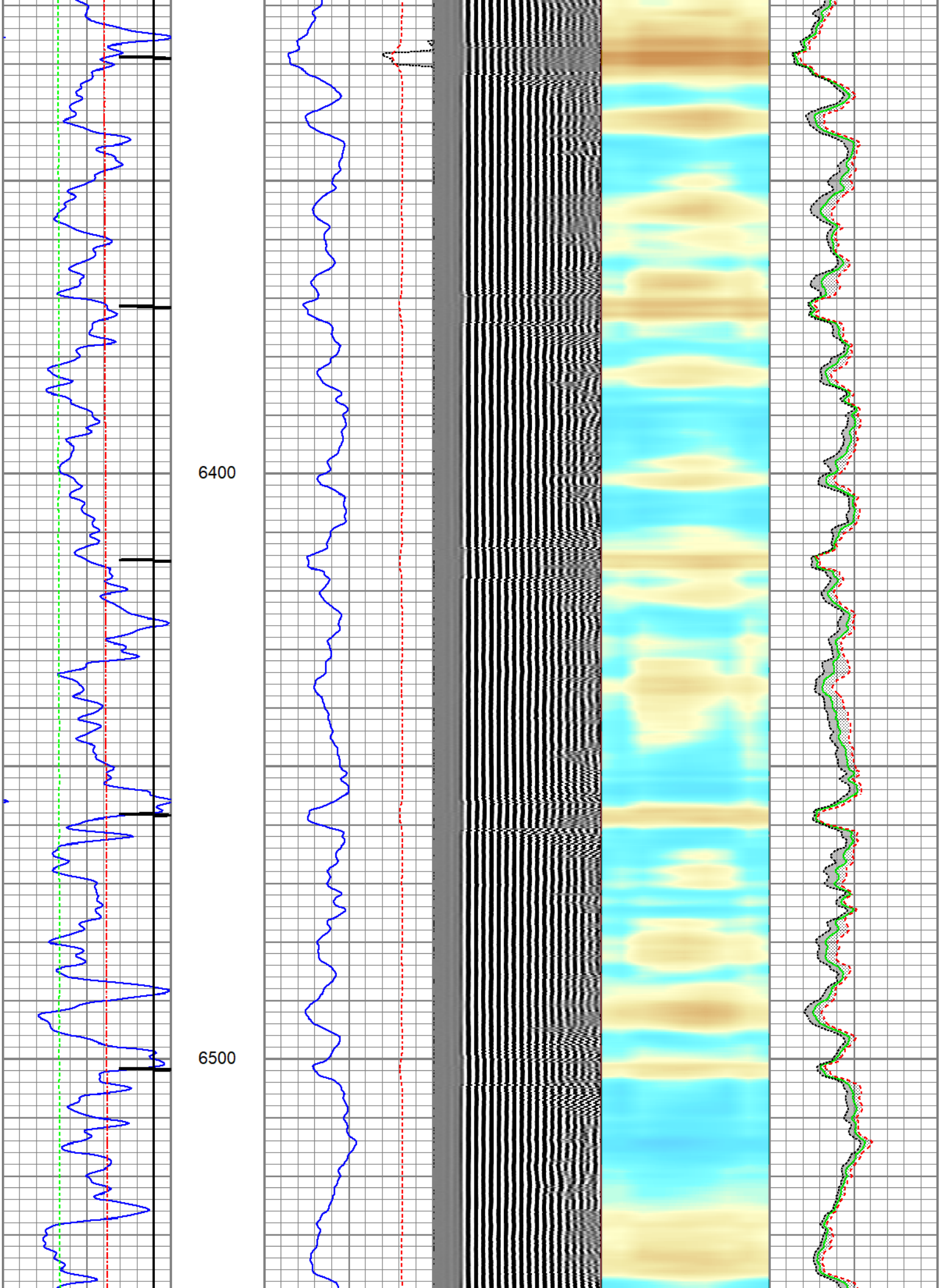


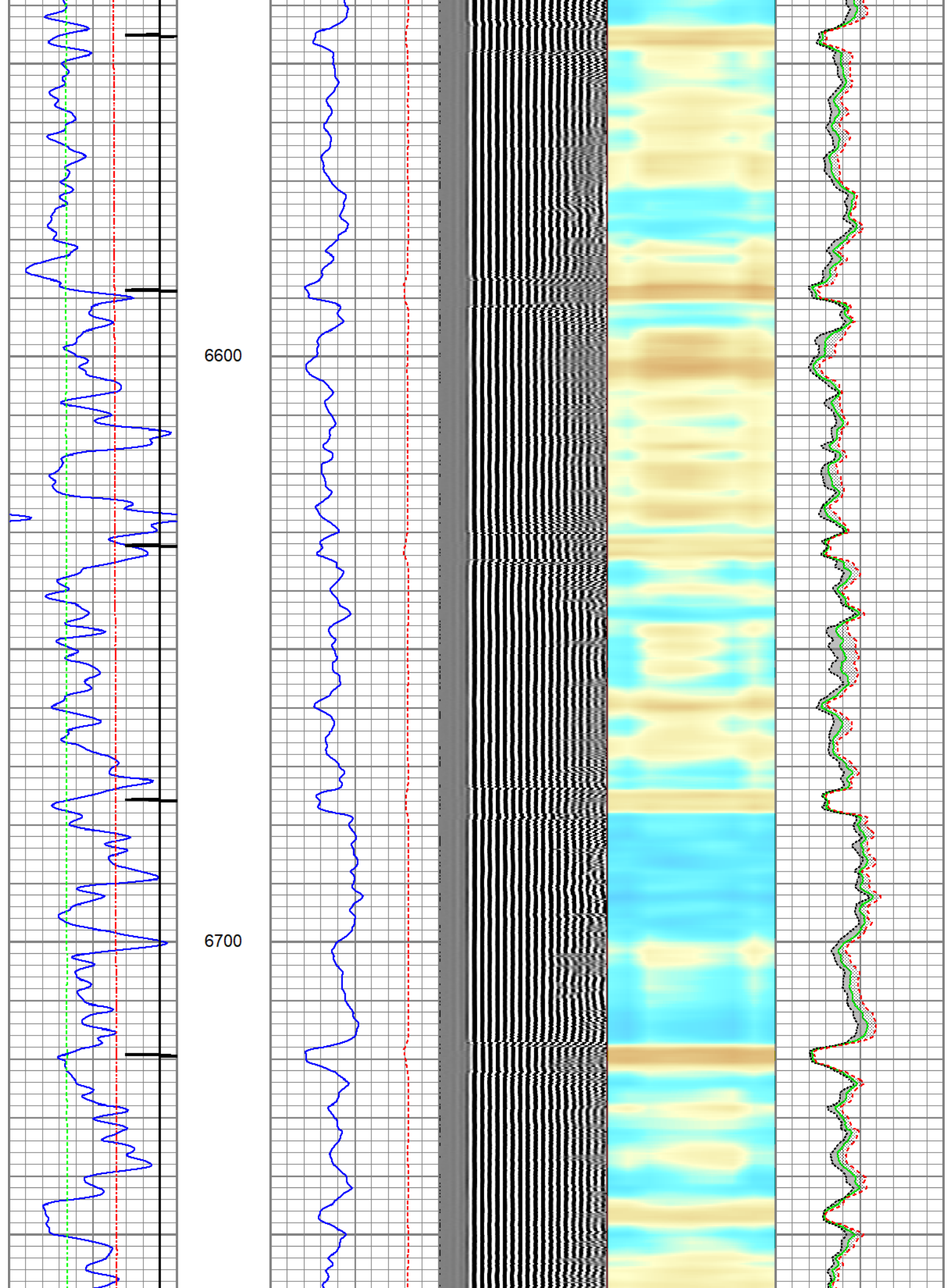
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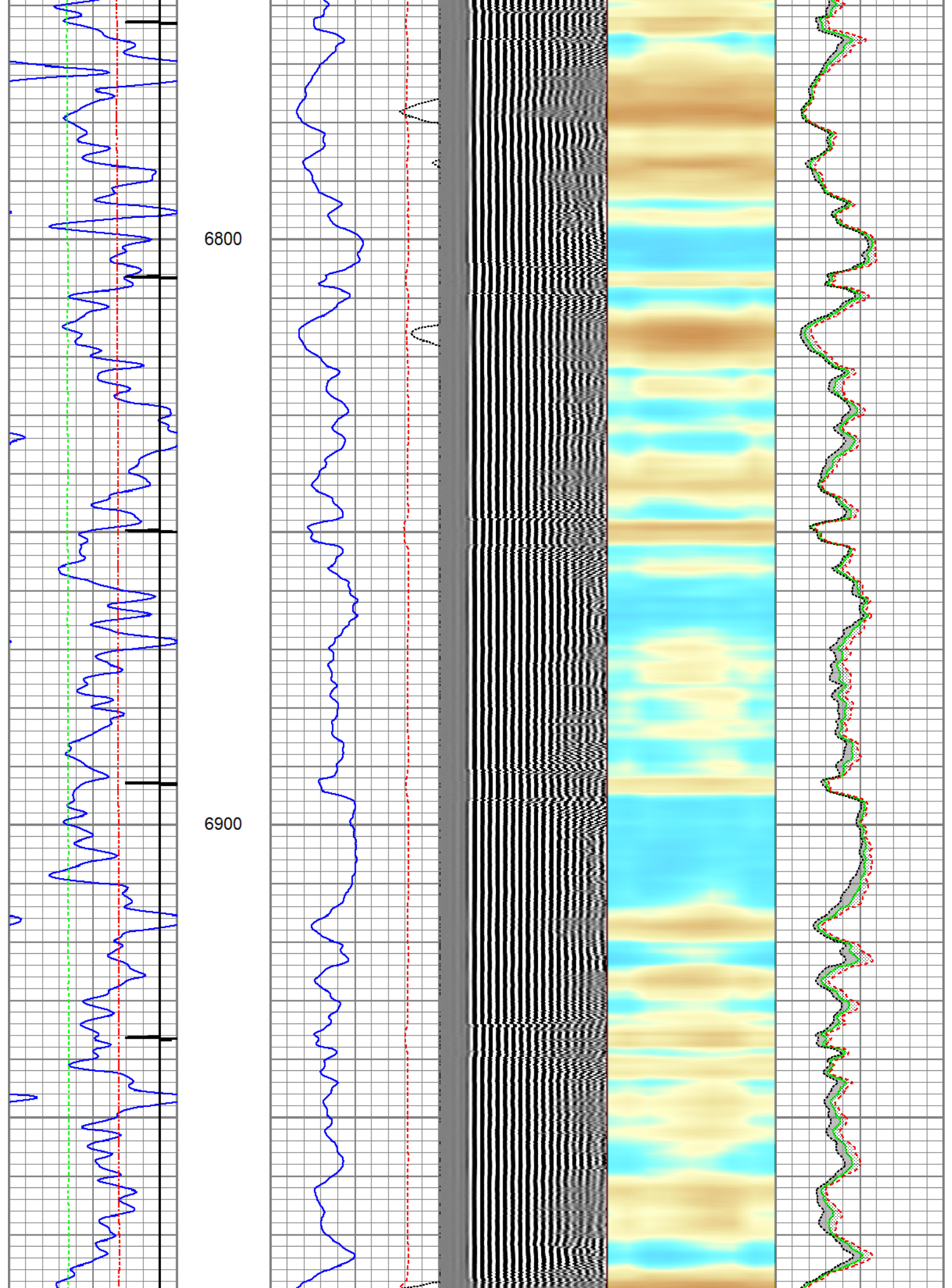
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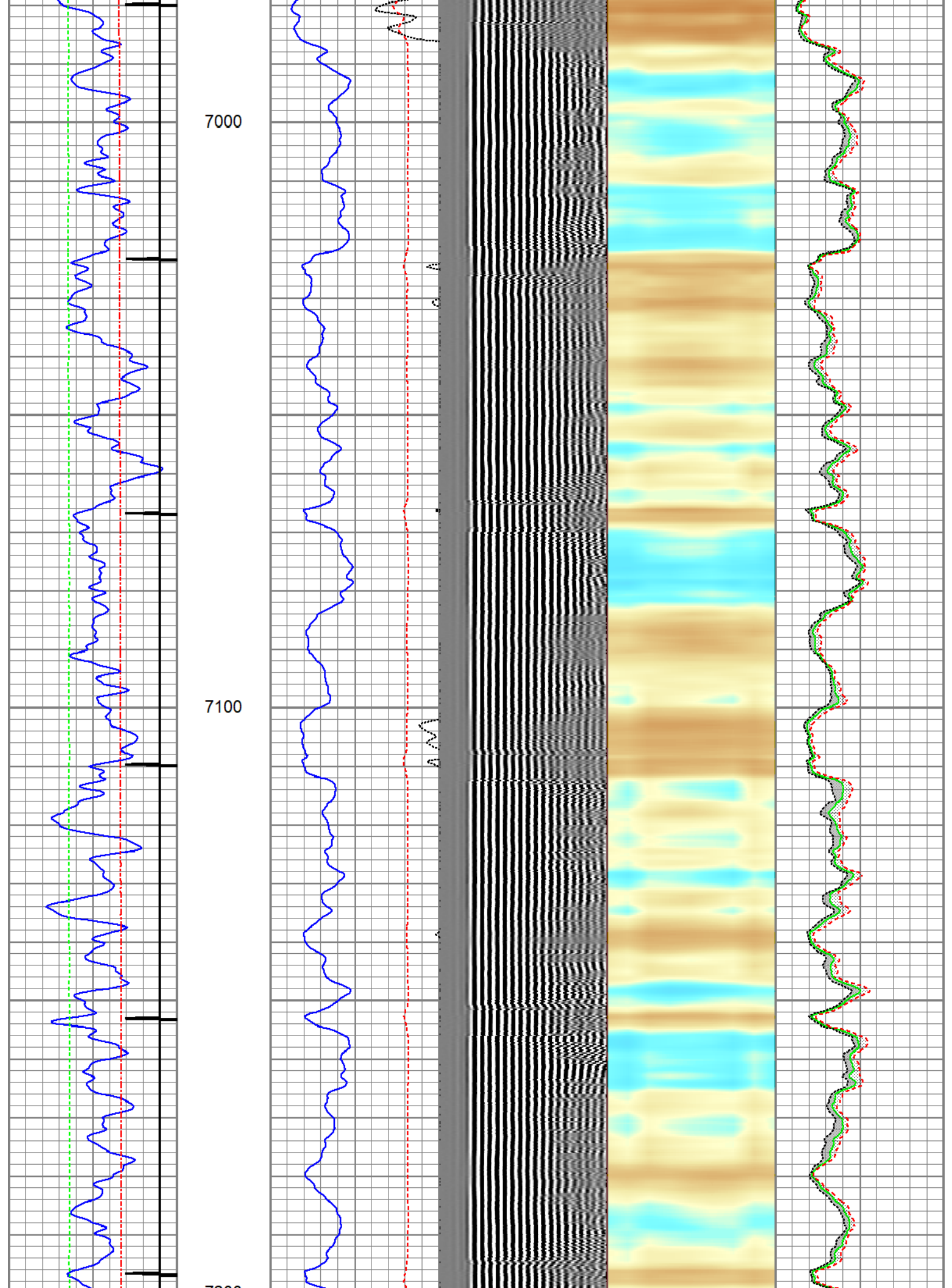
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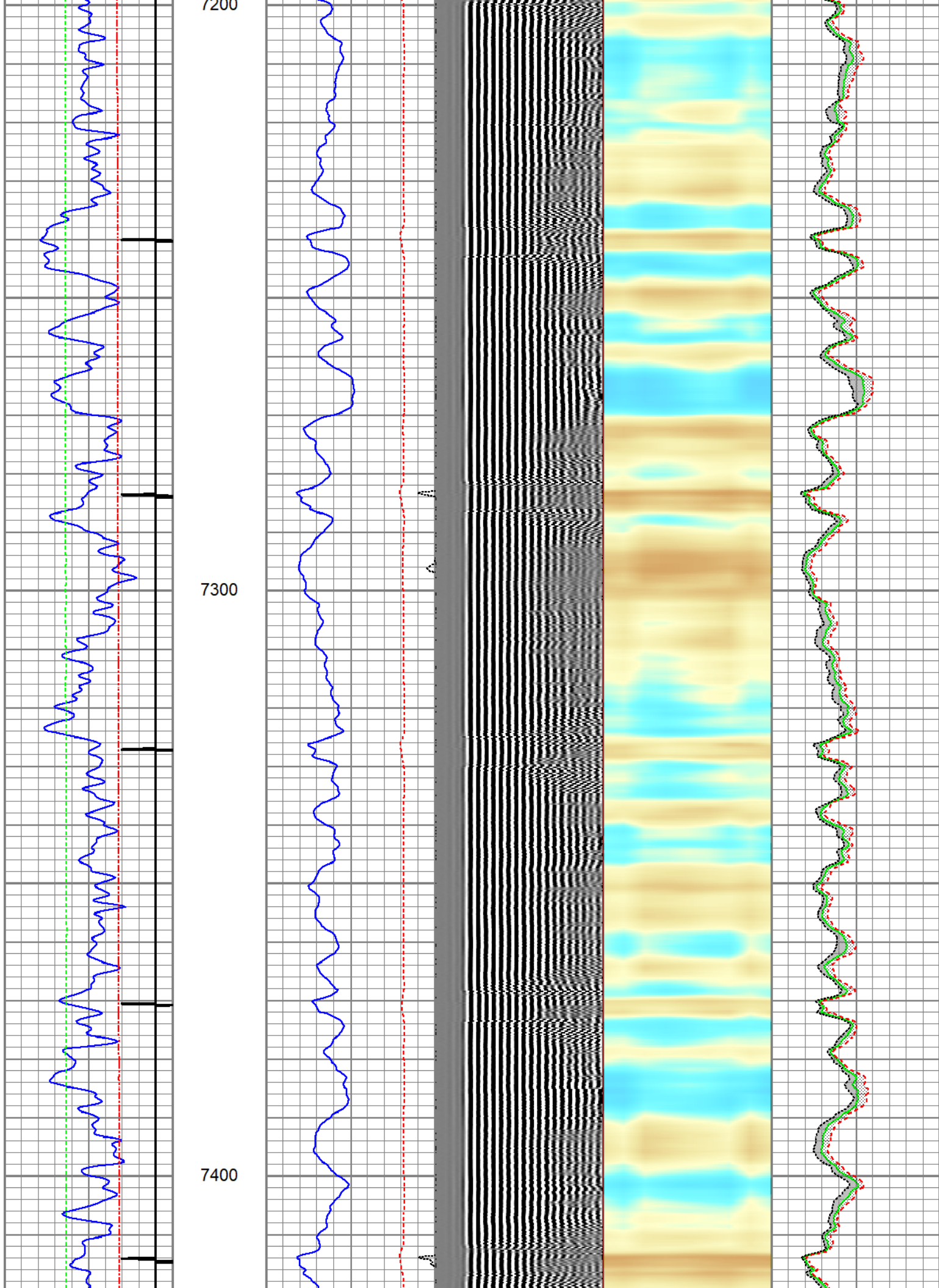


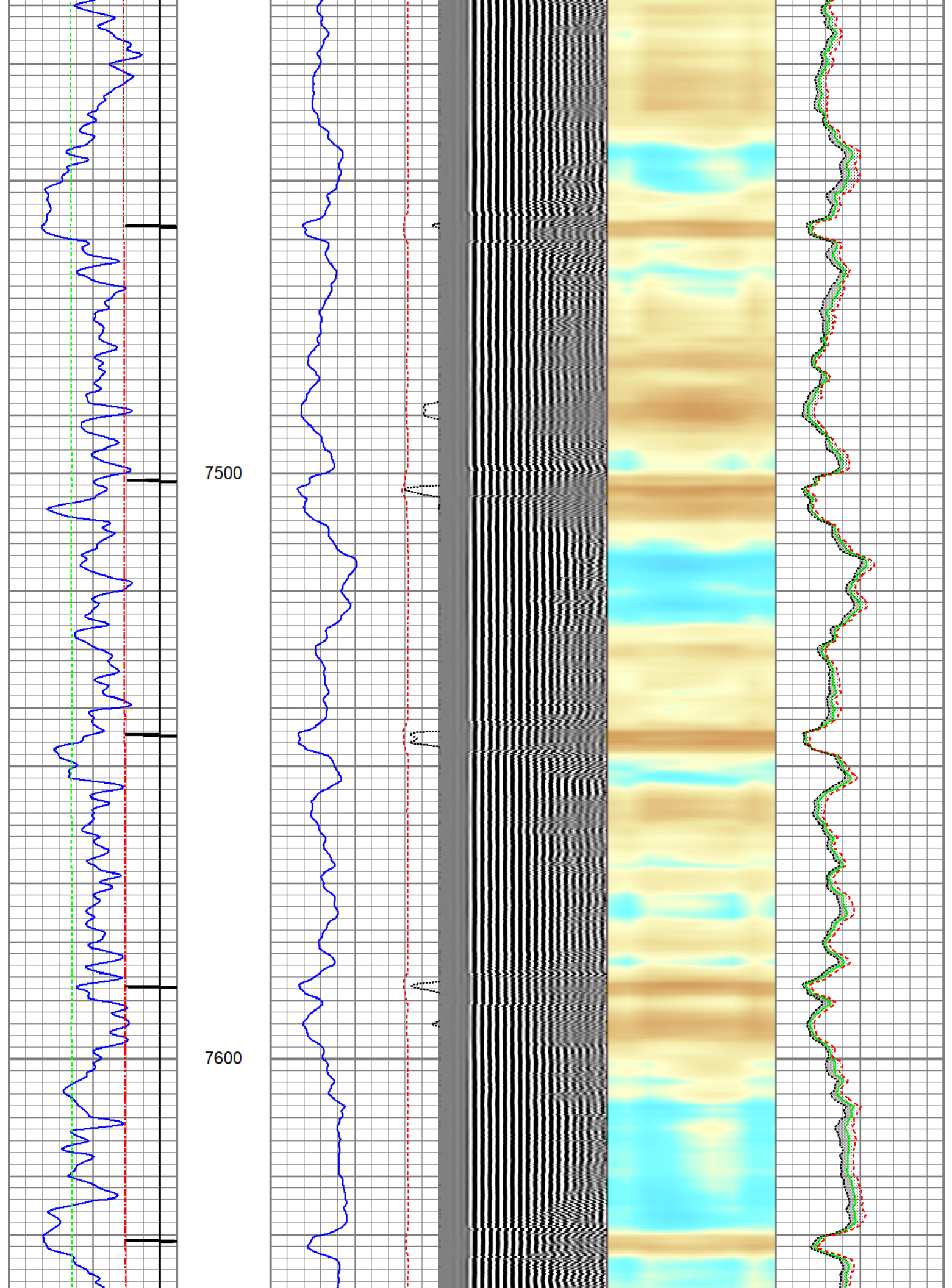


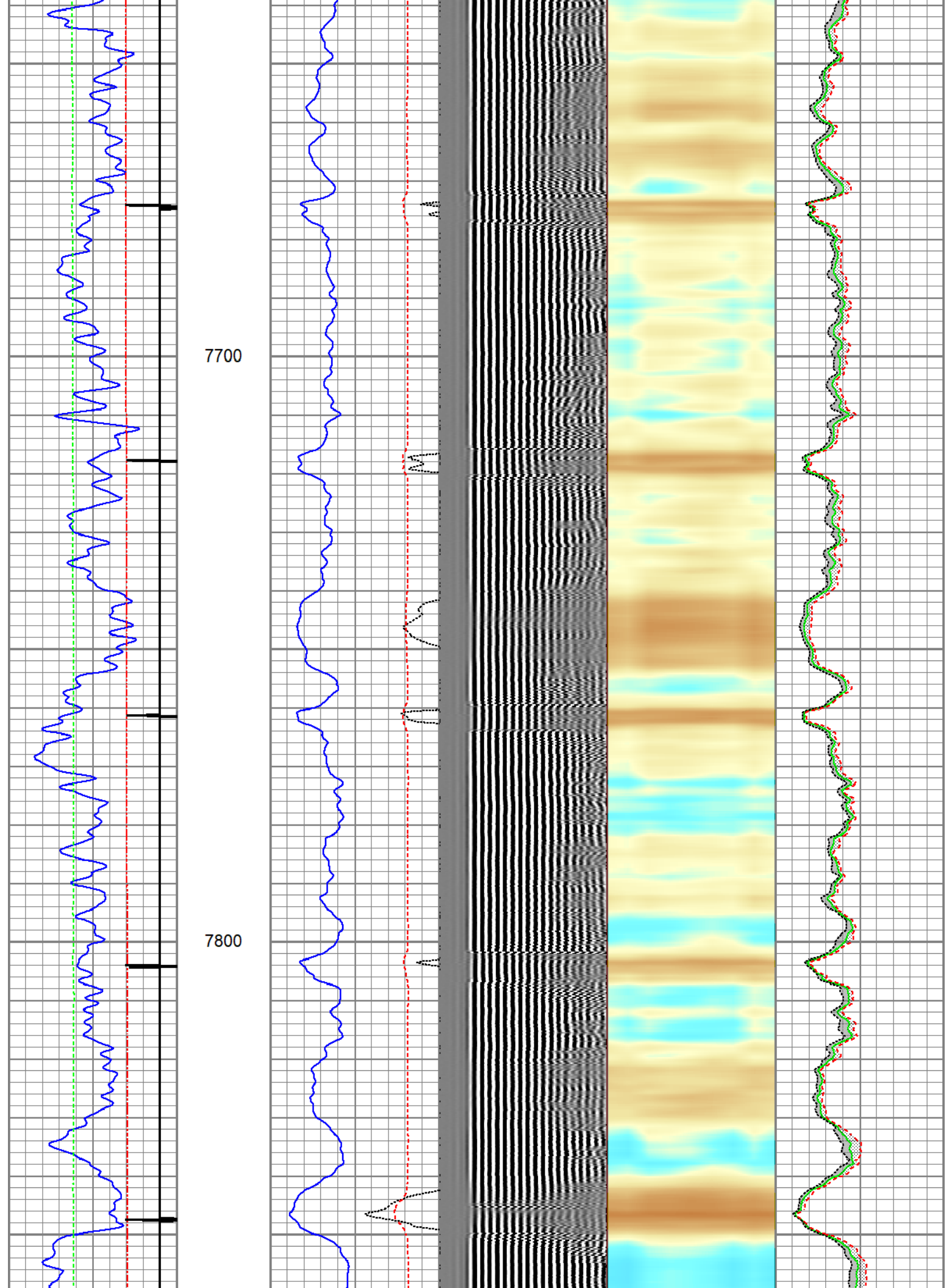
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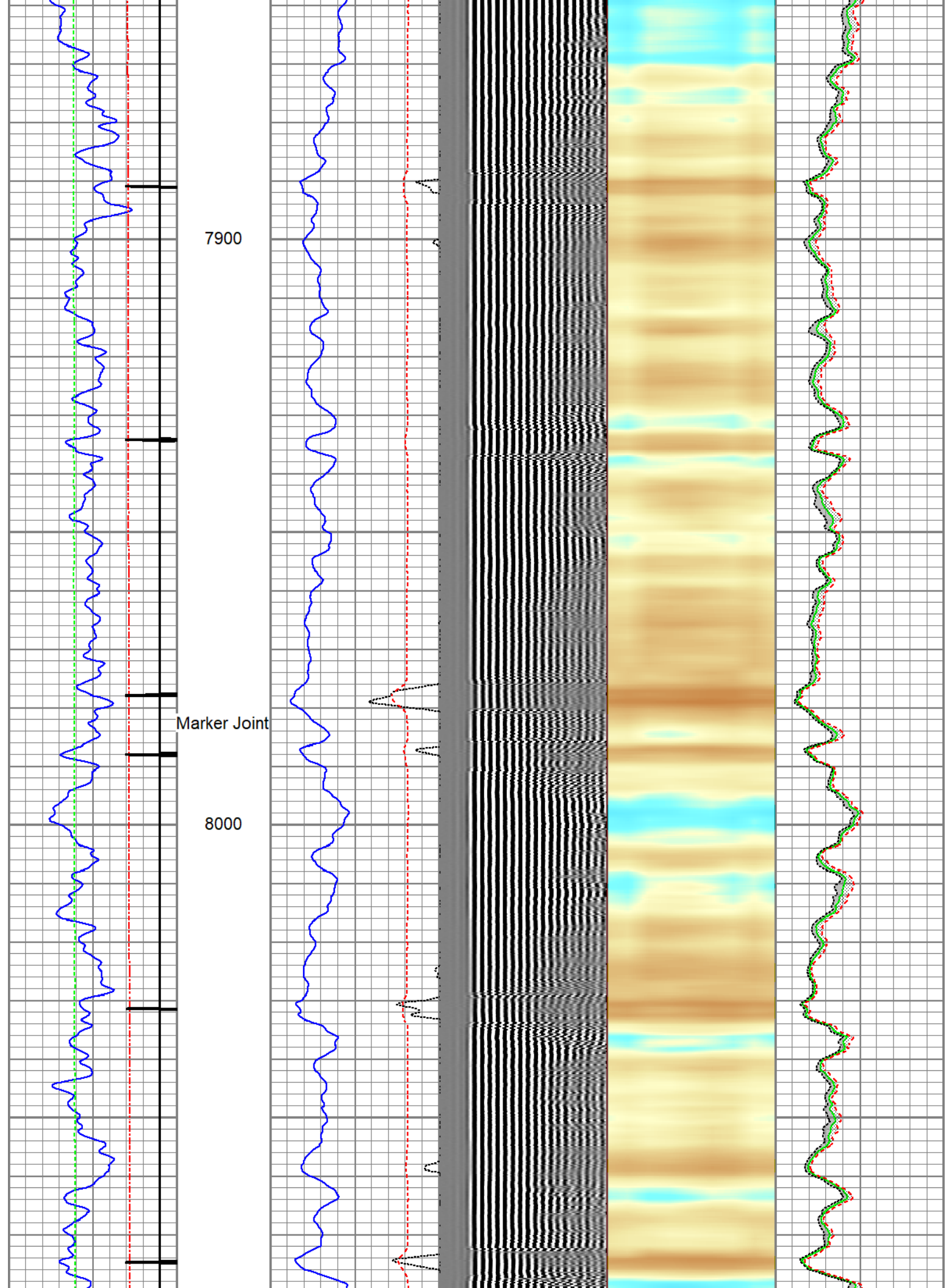
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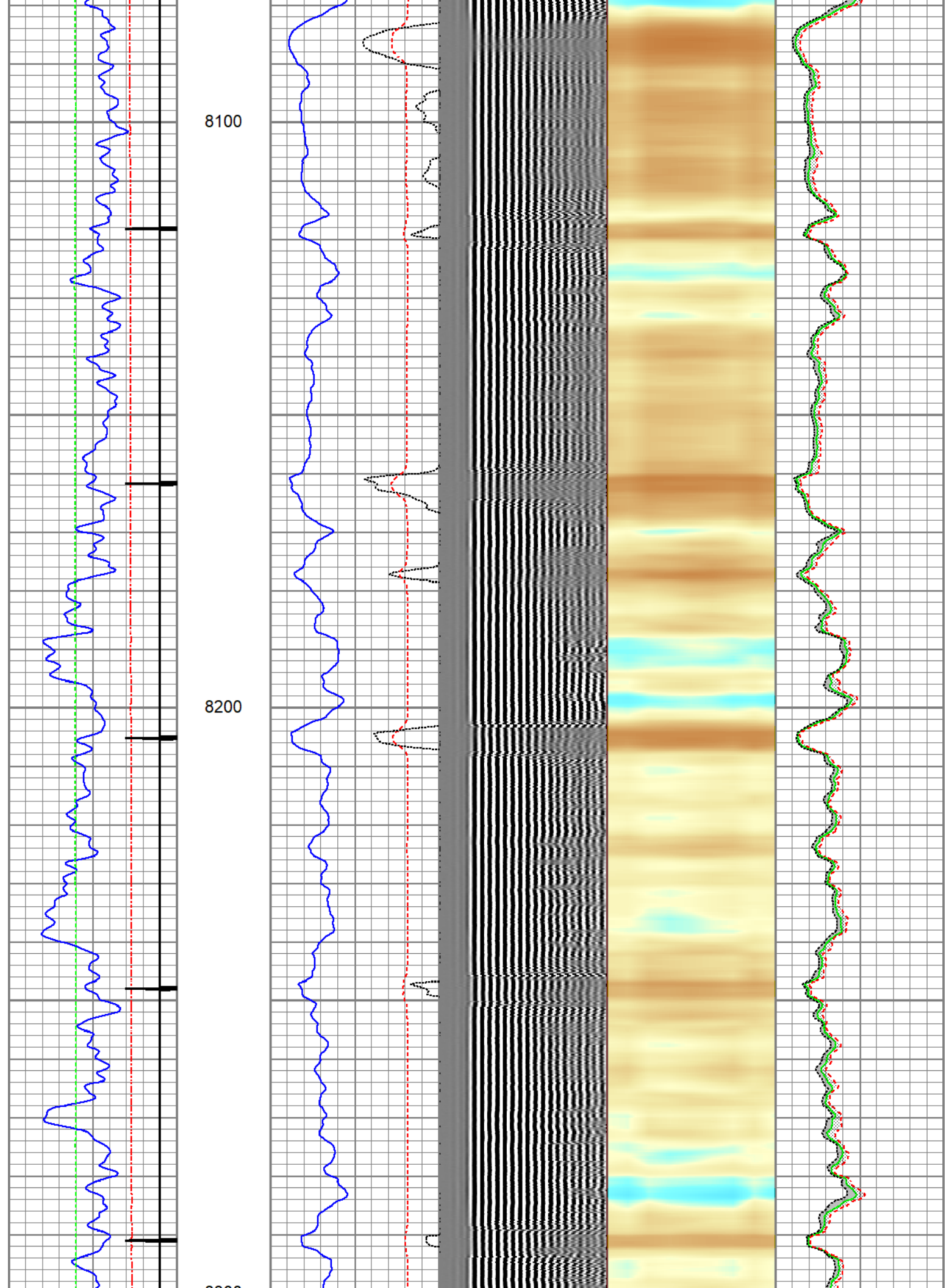
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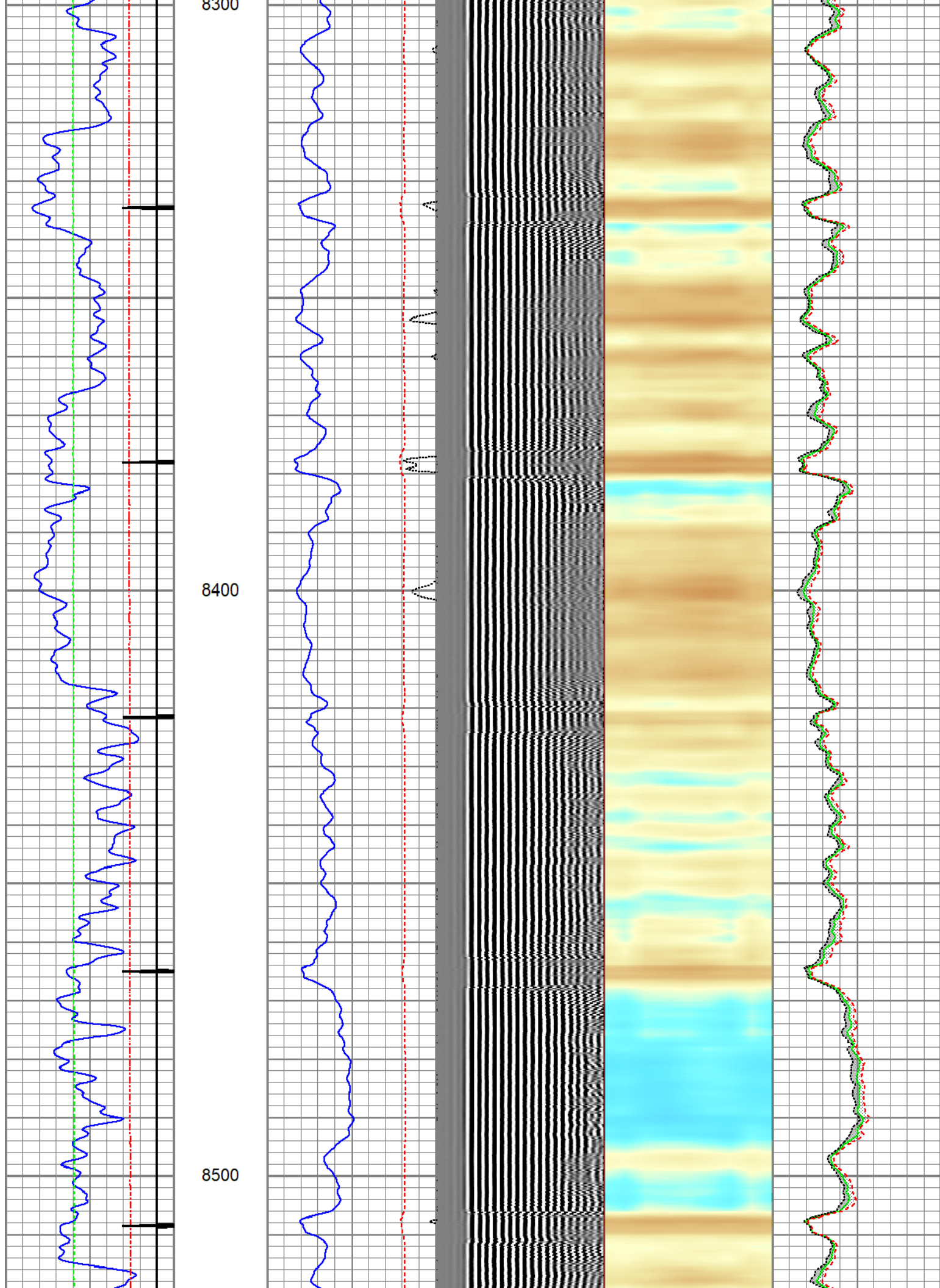


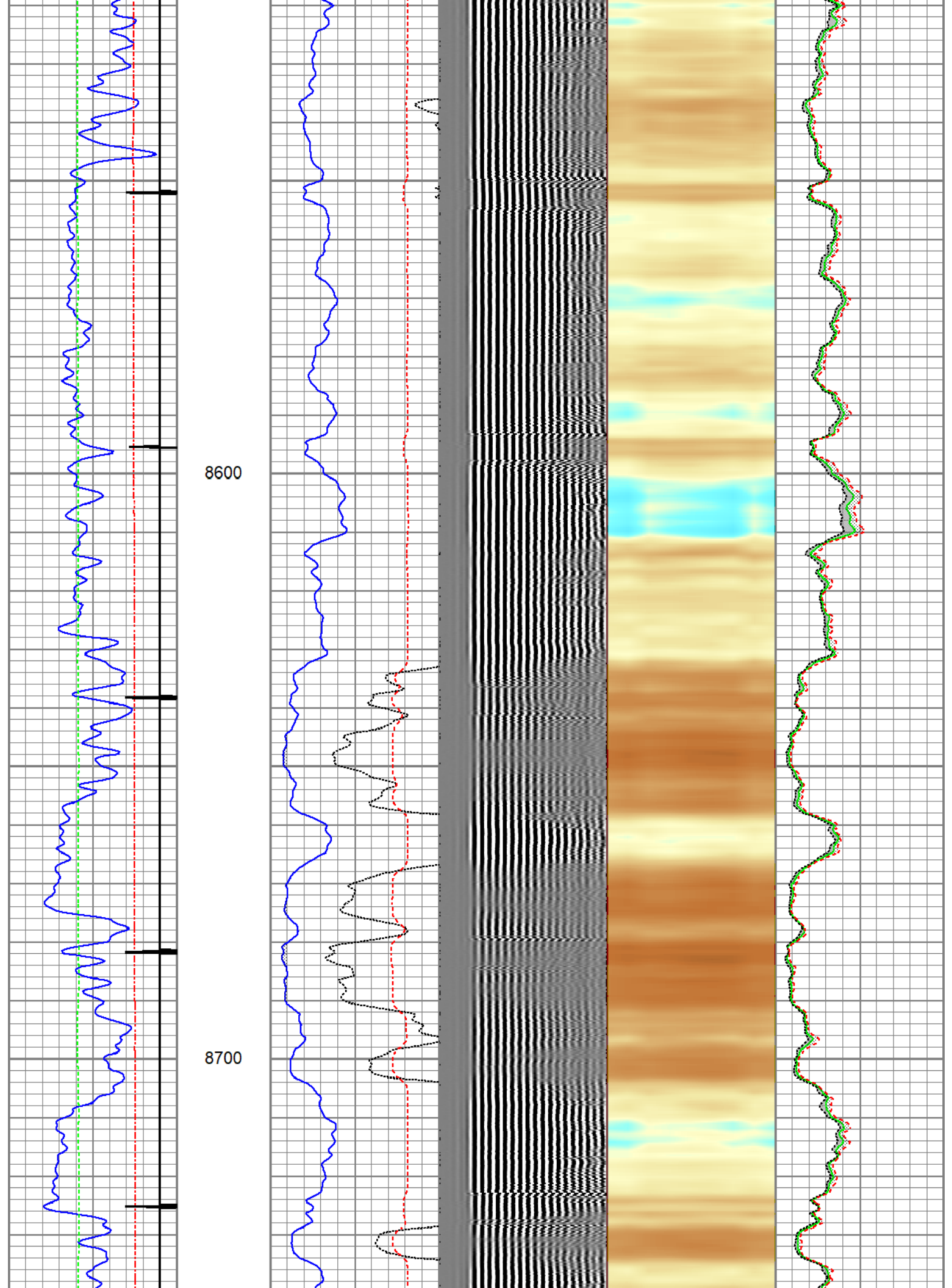


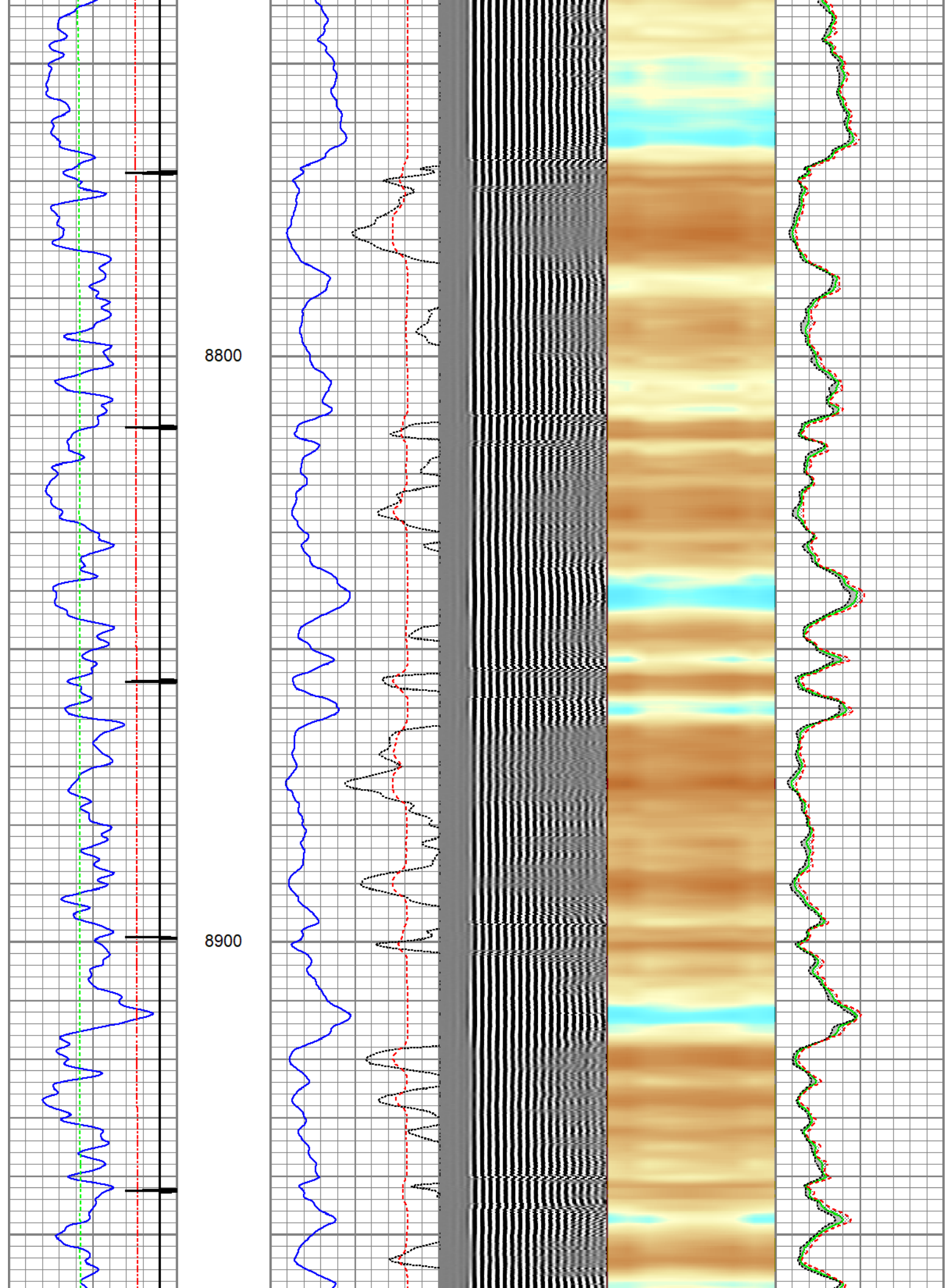
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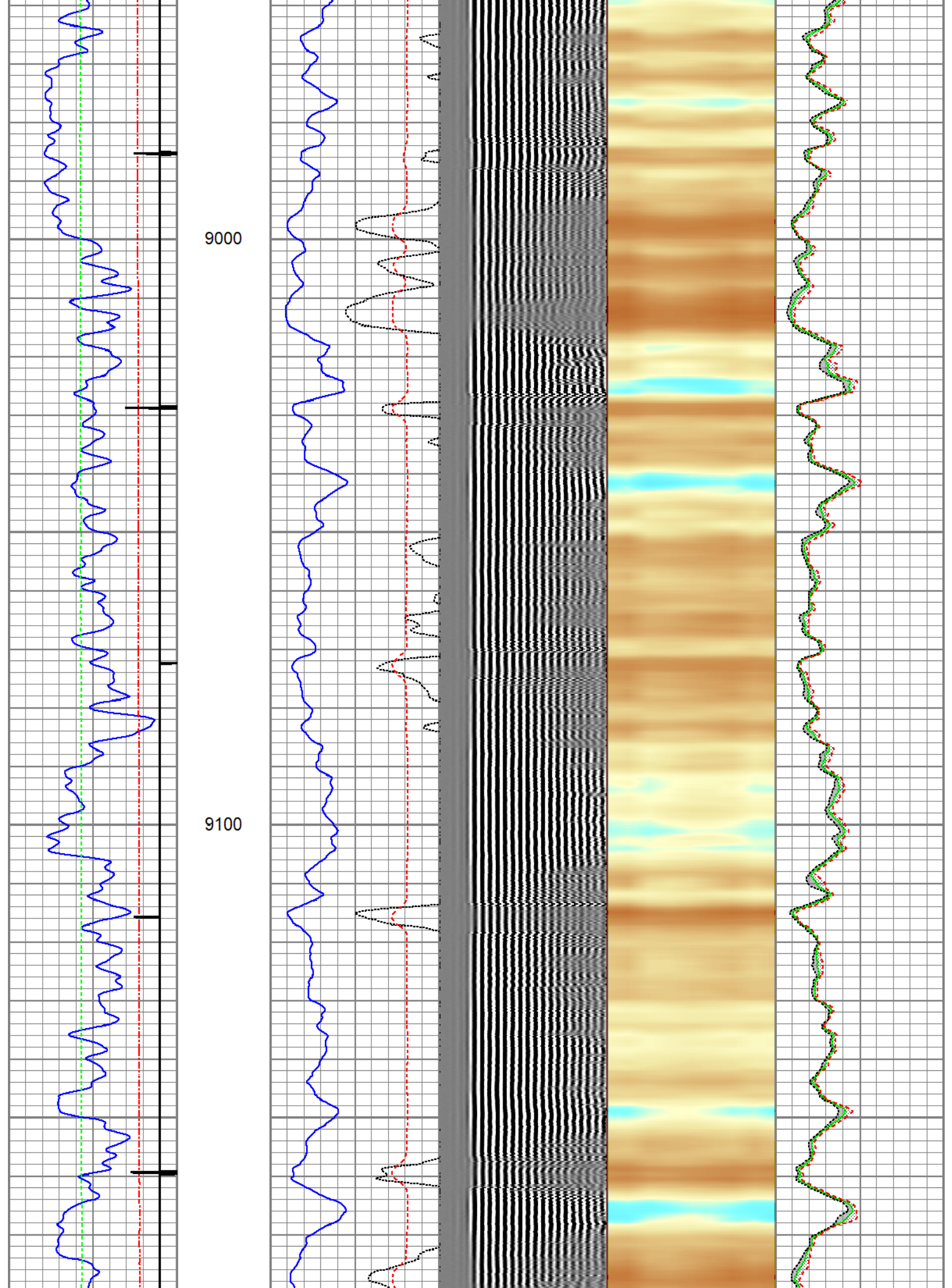
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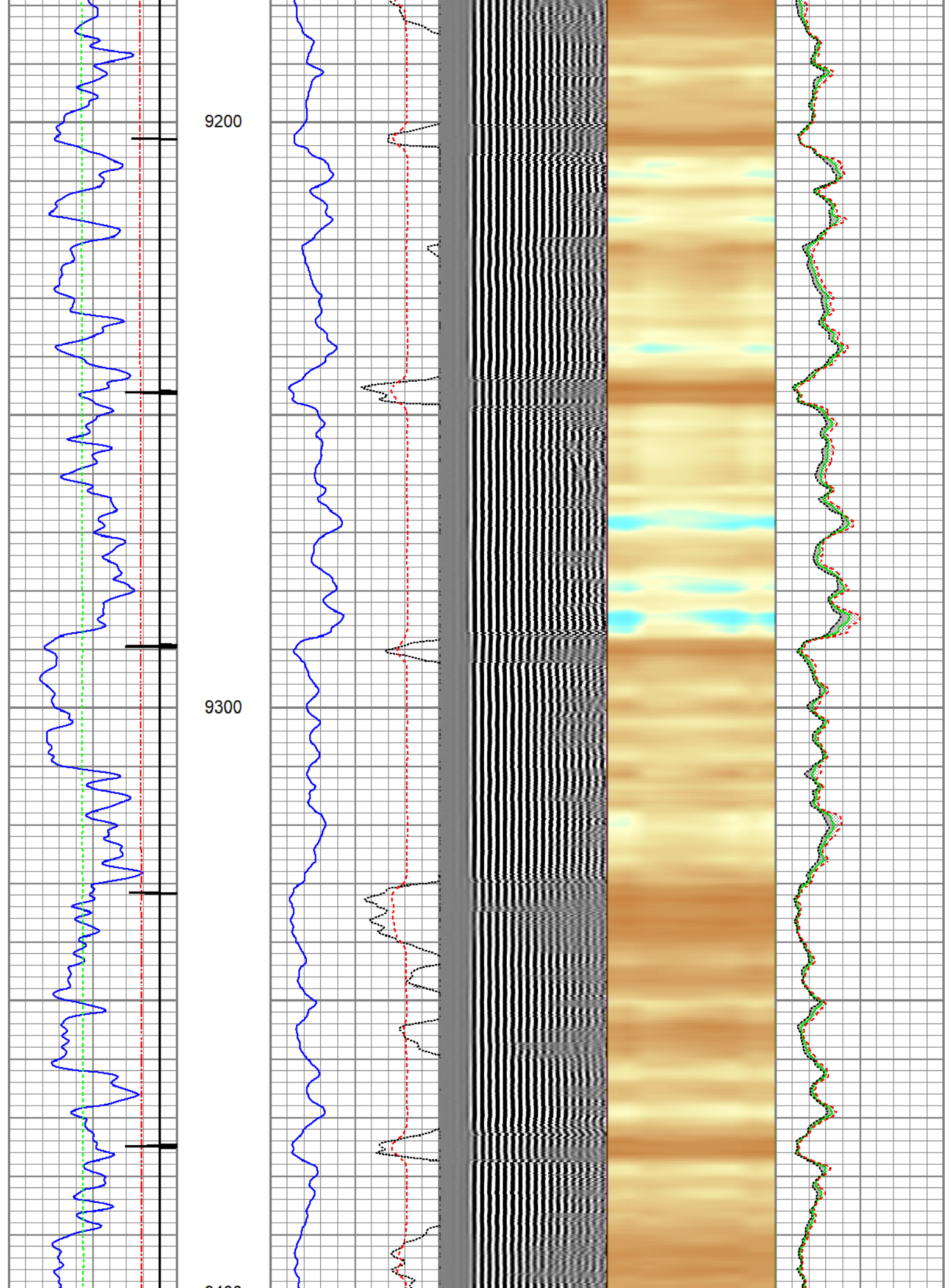
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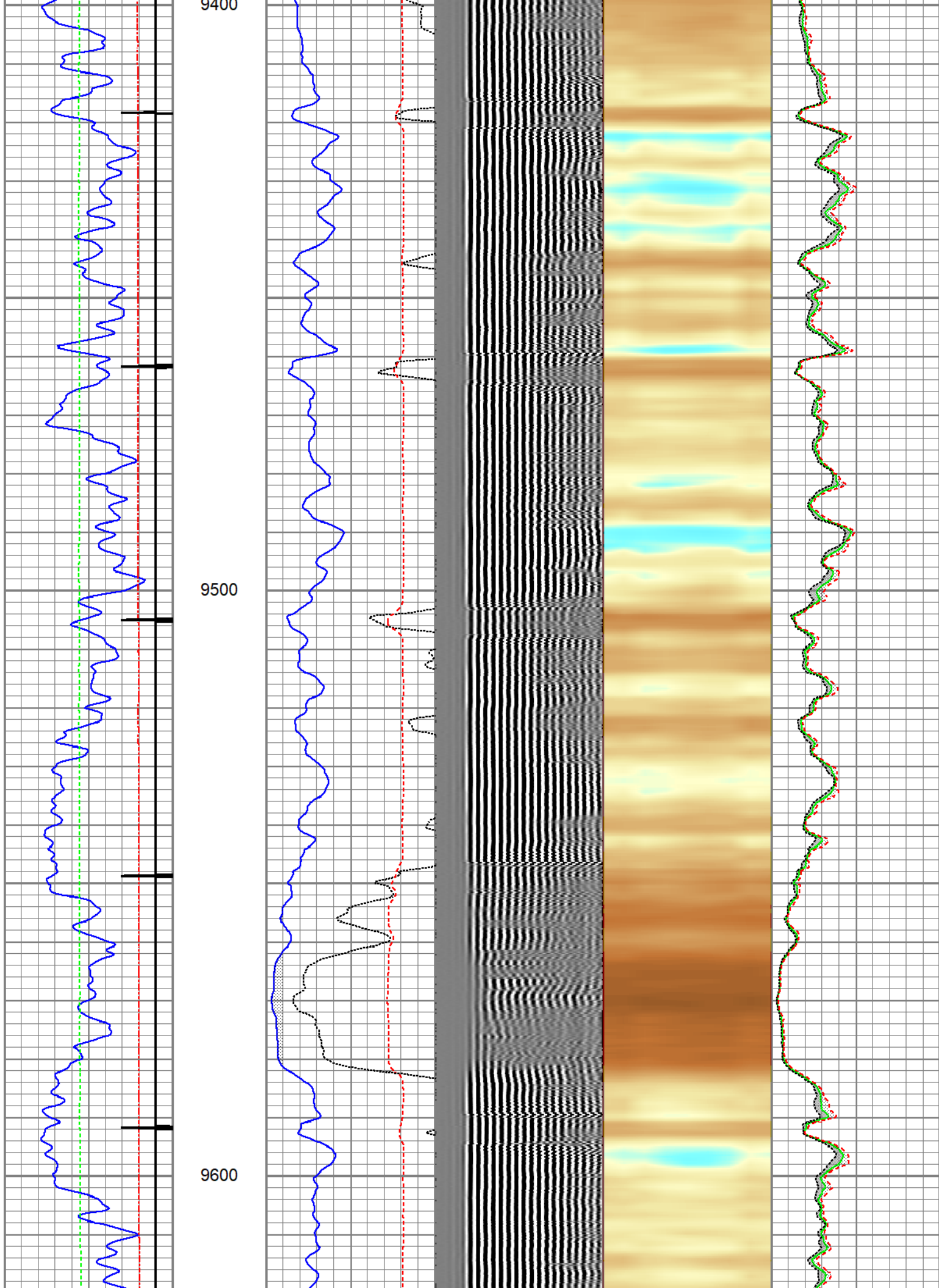


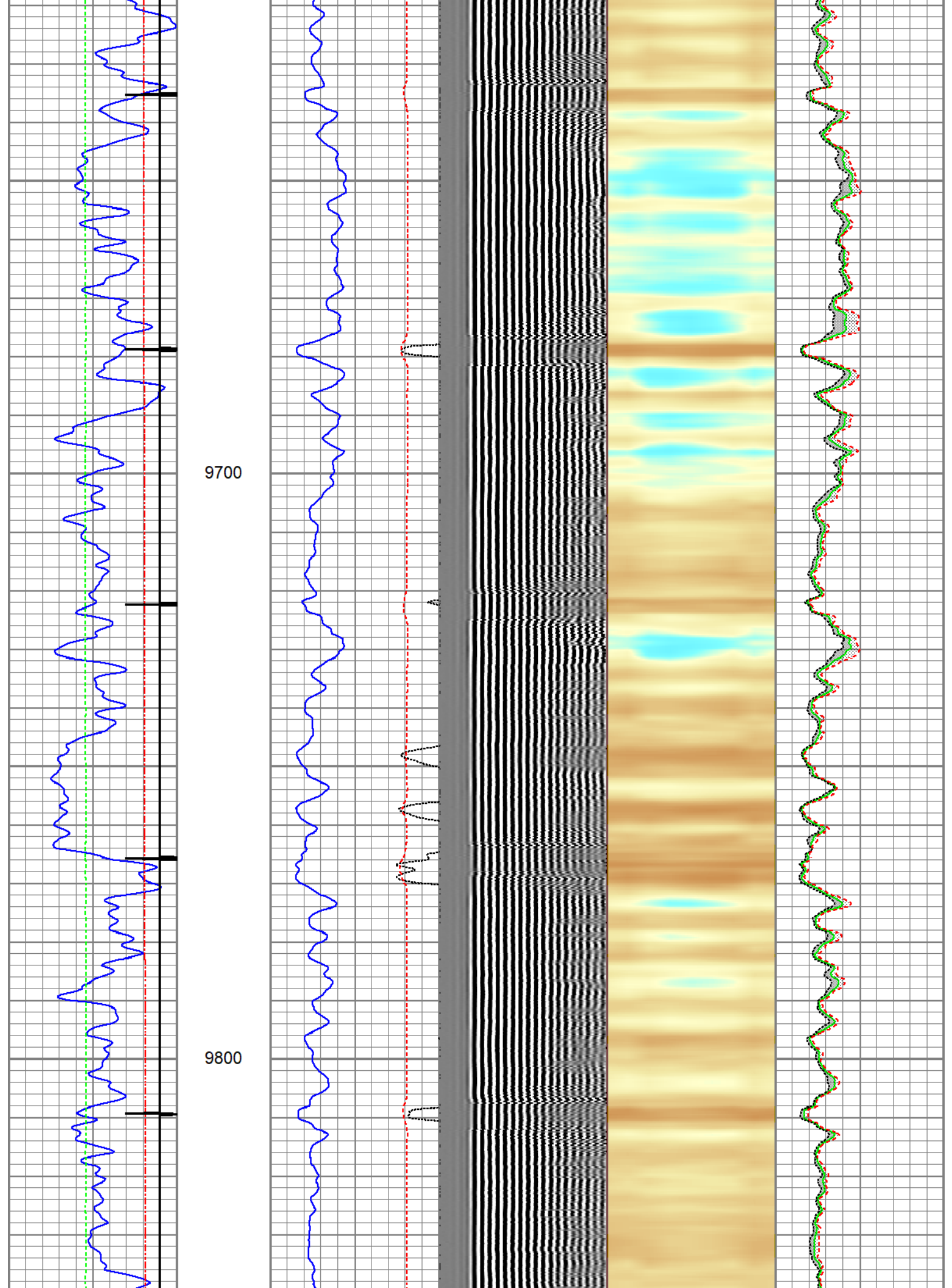


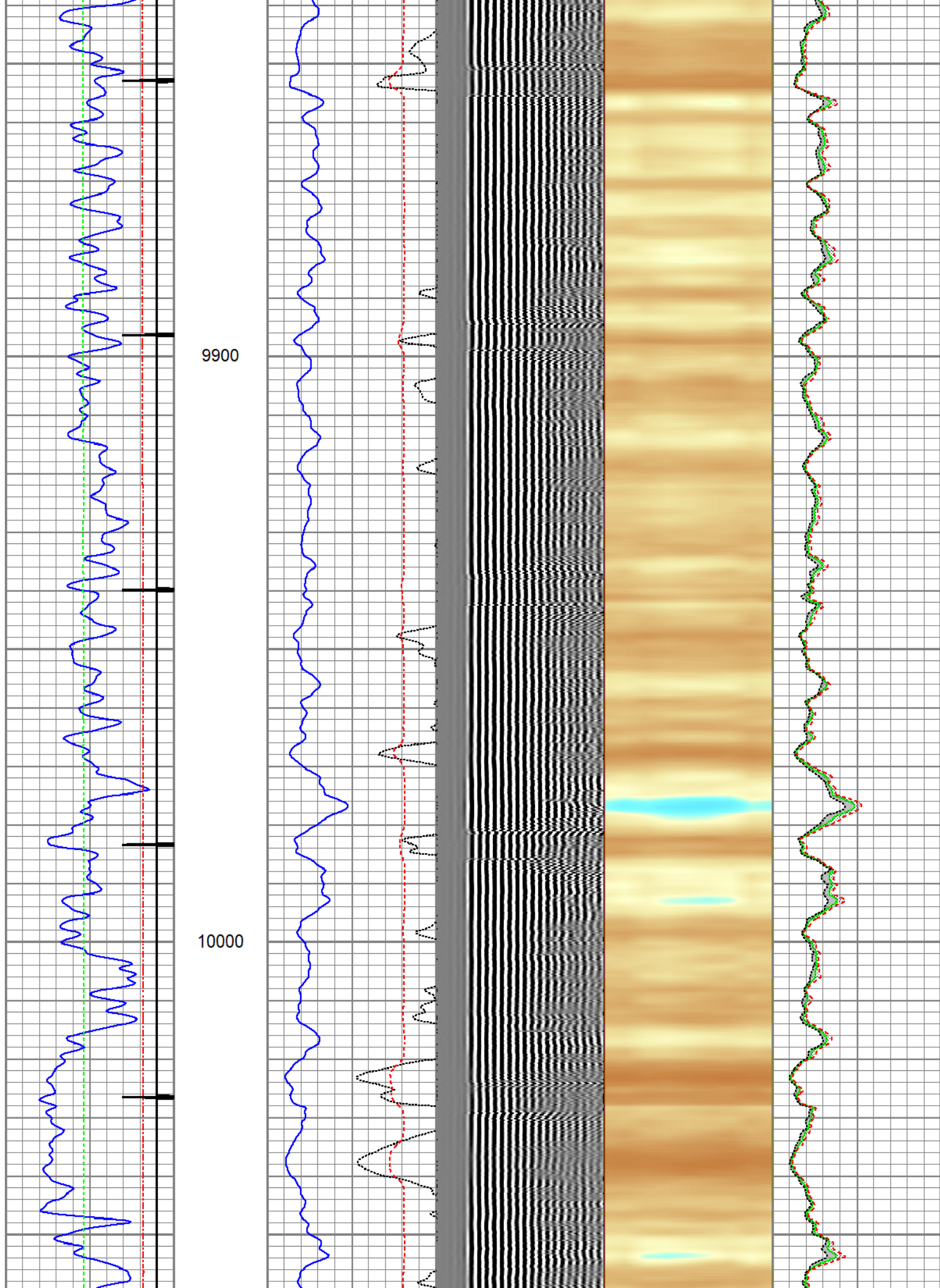
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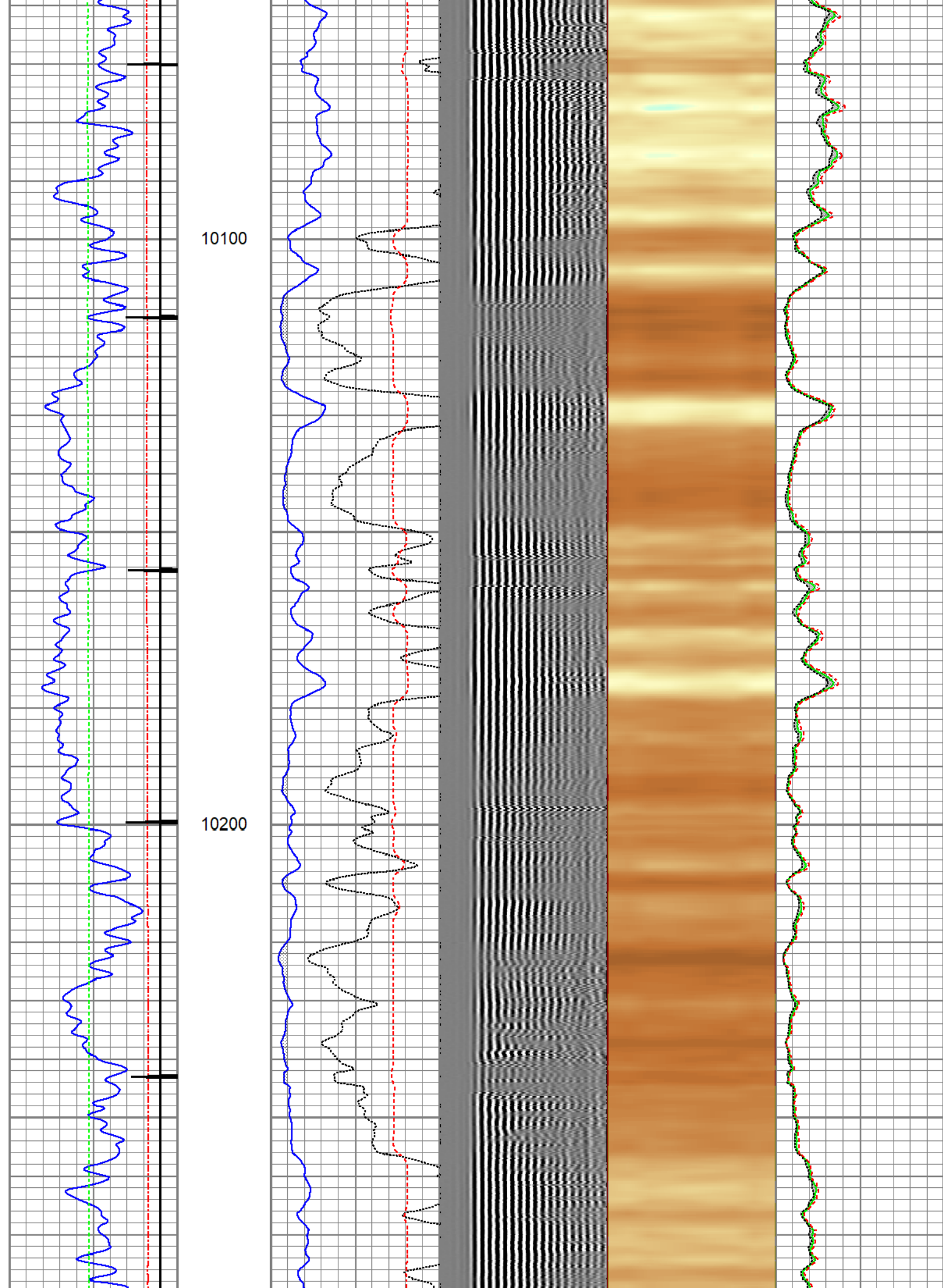
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9600





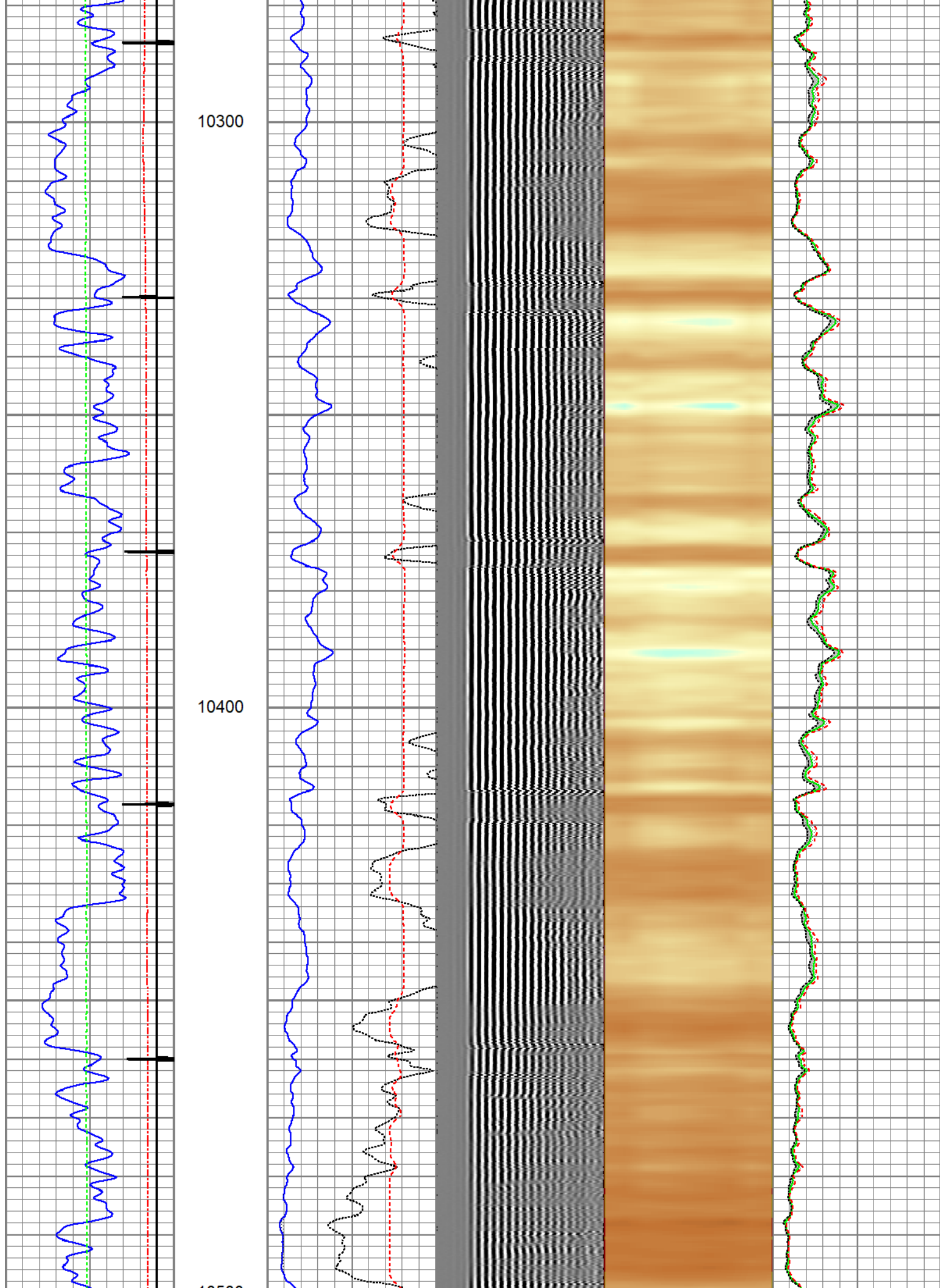




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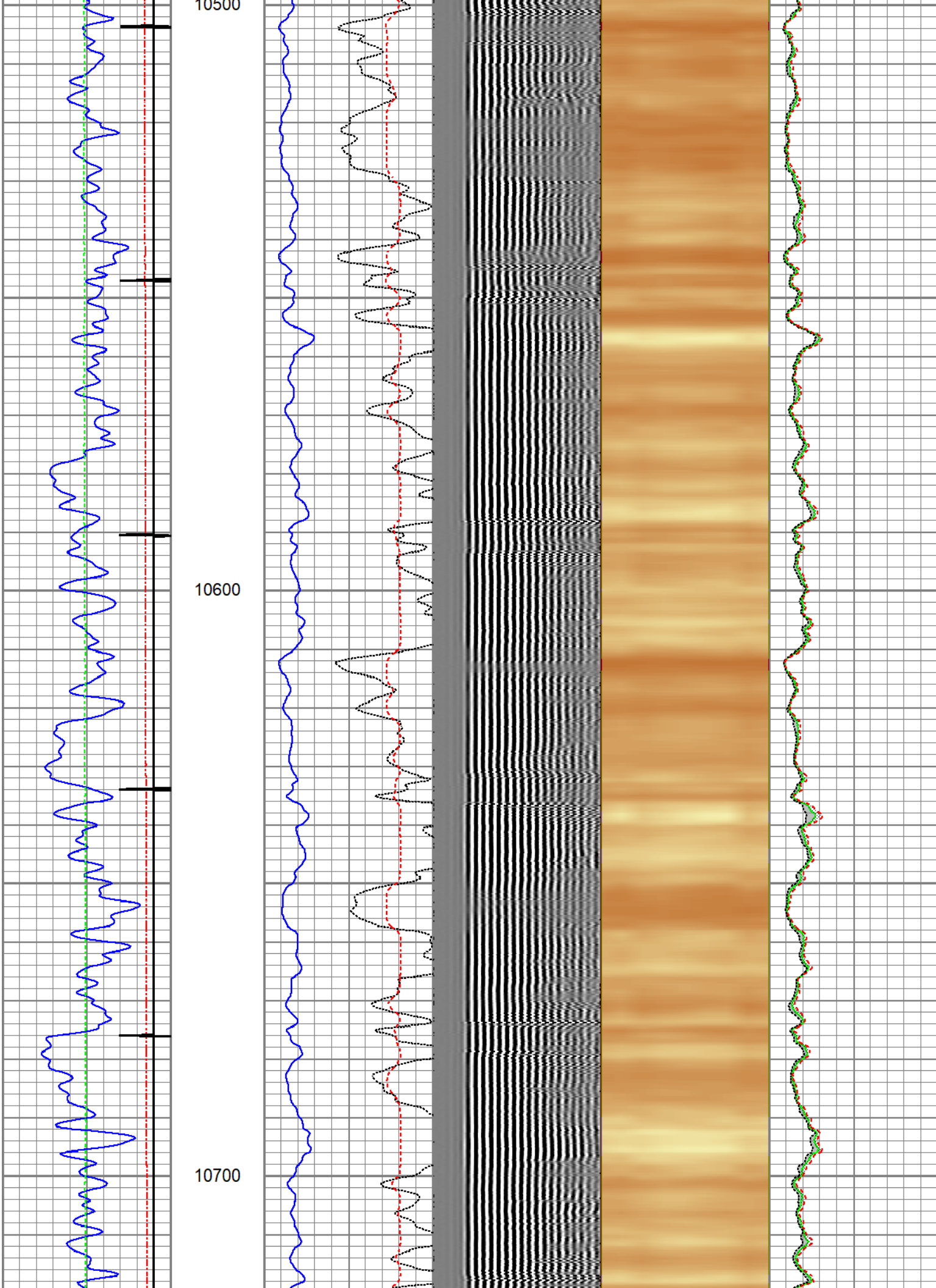
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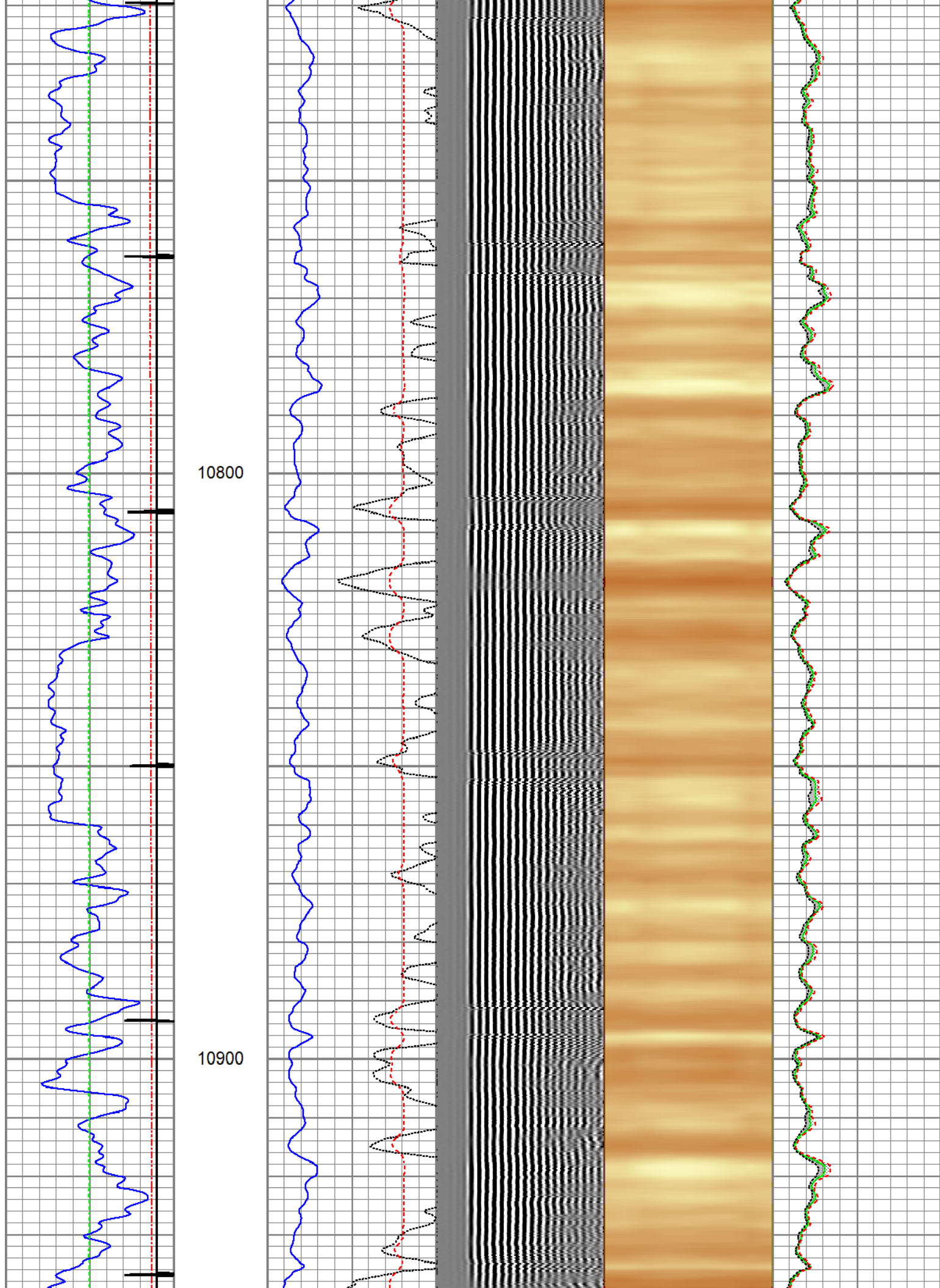


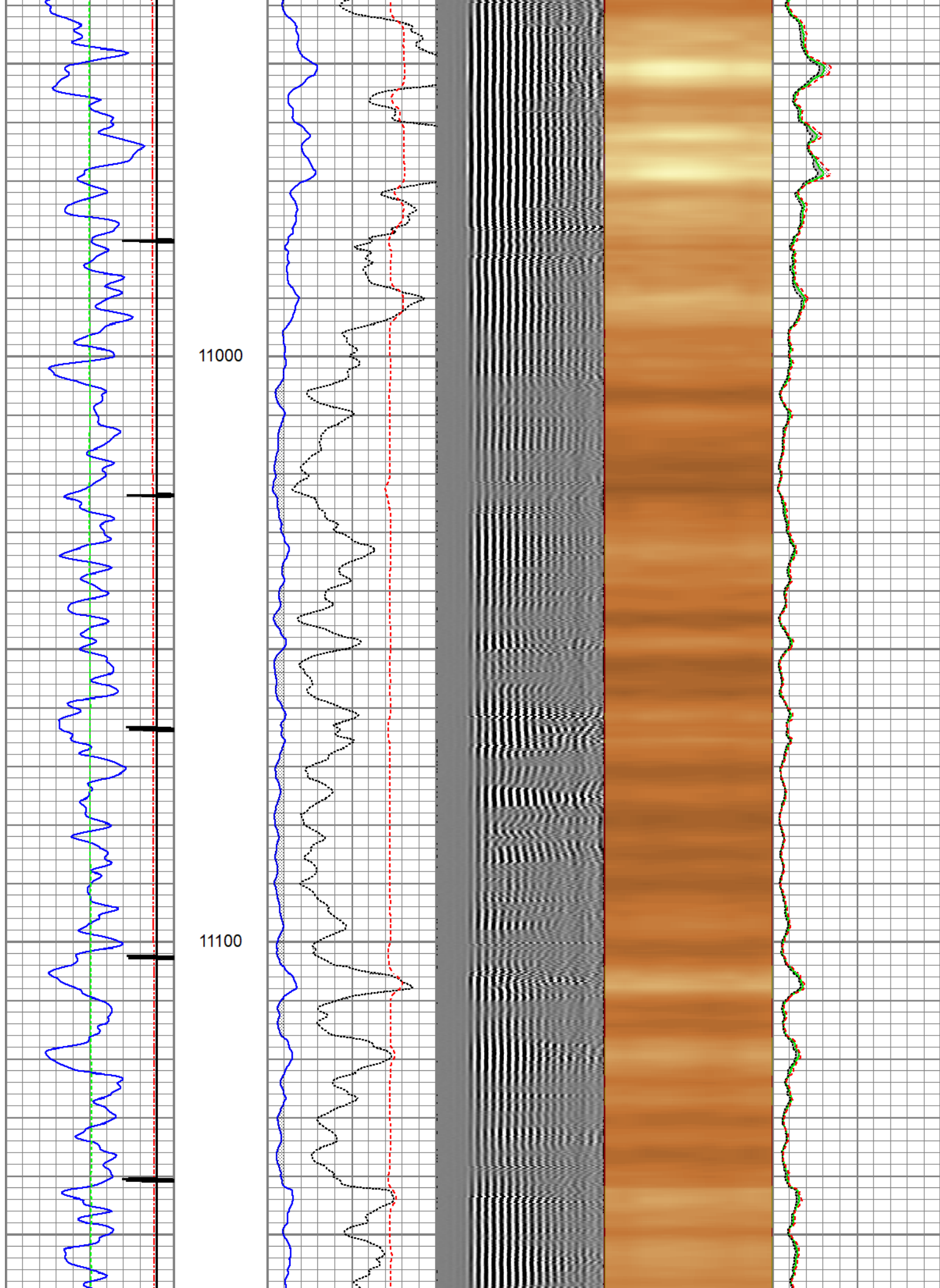
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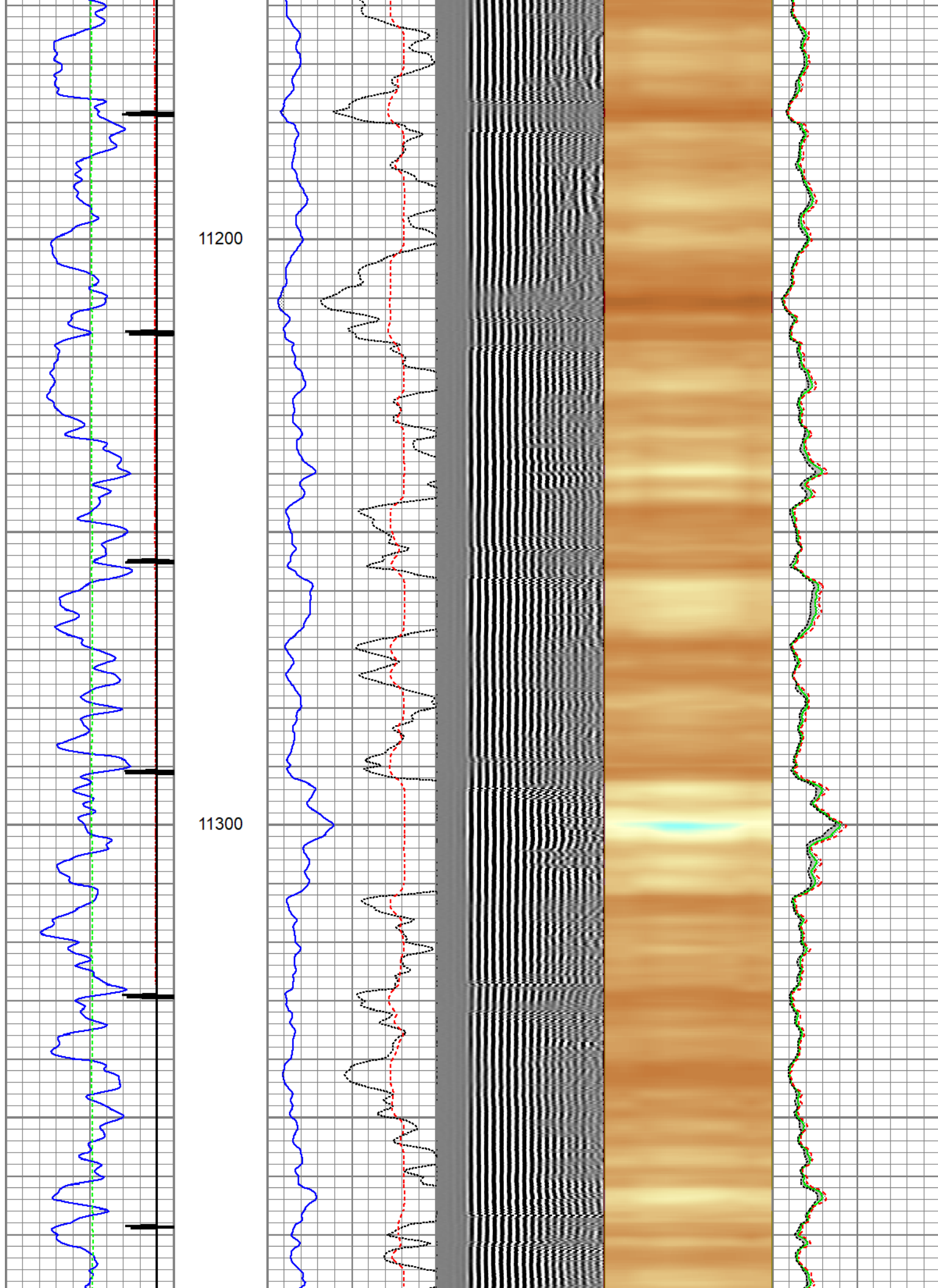


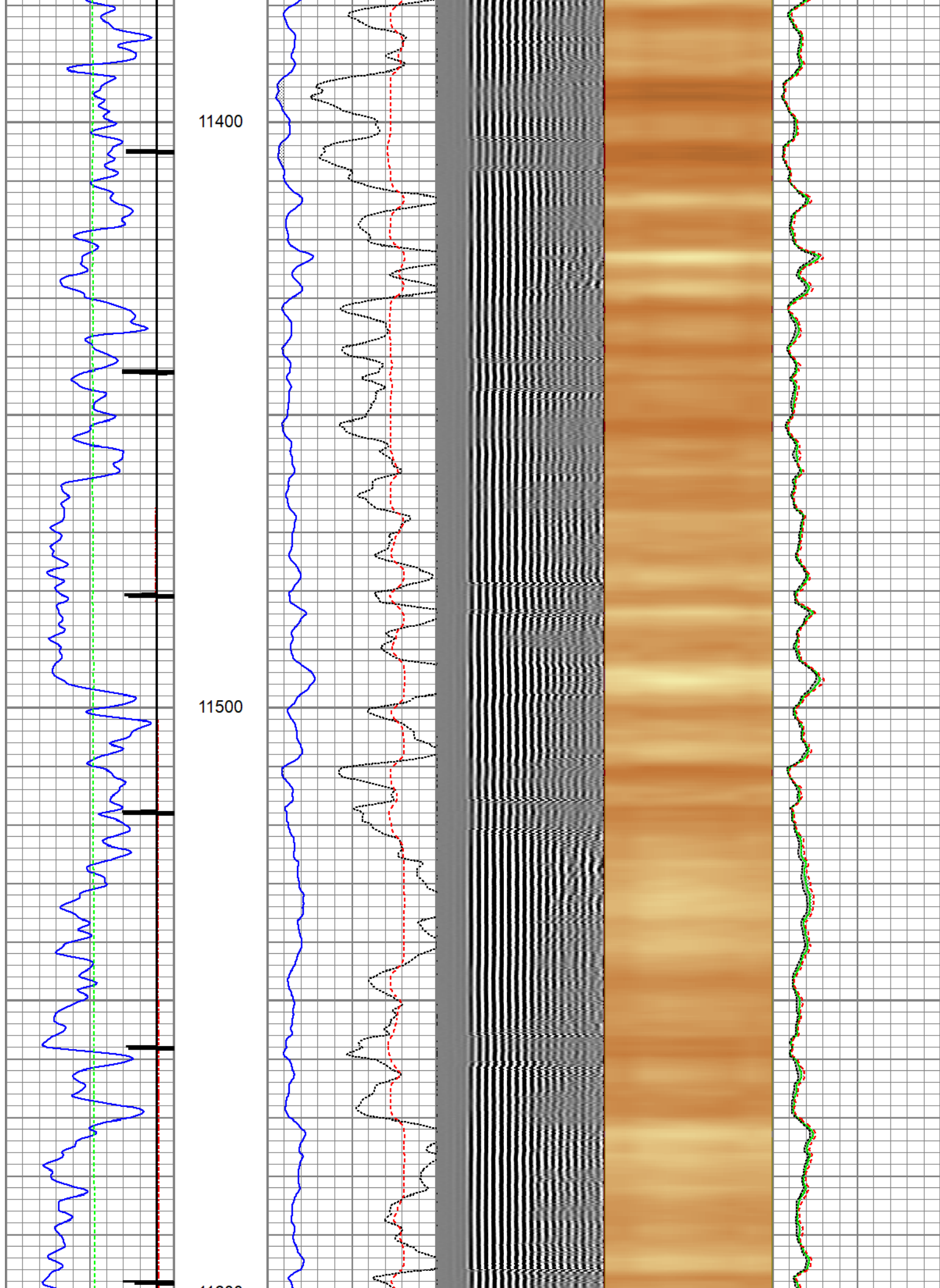




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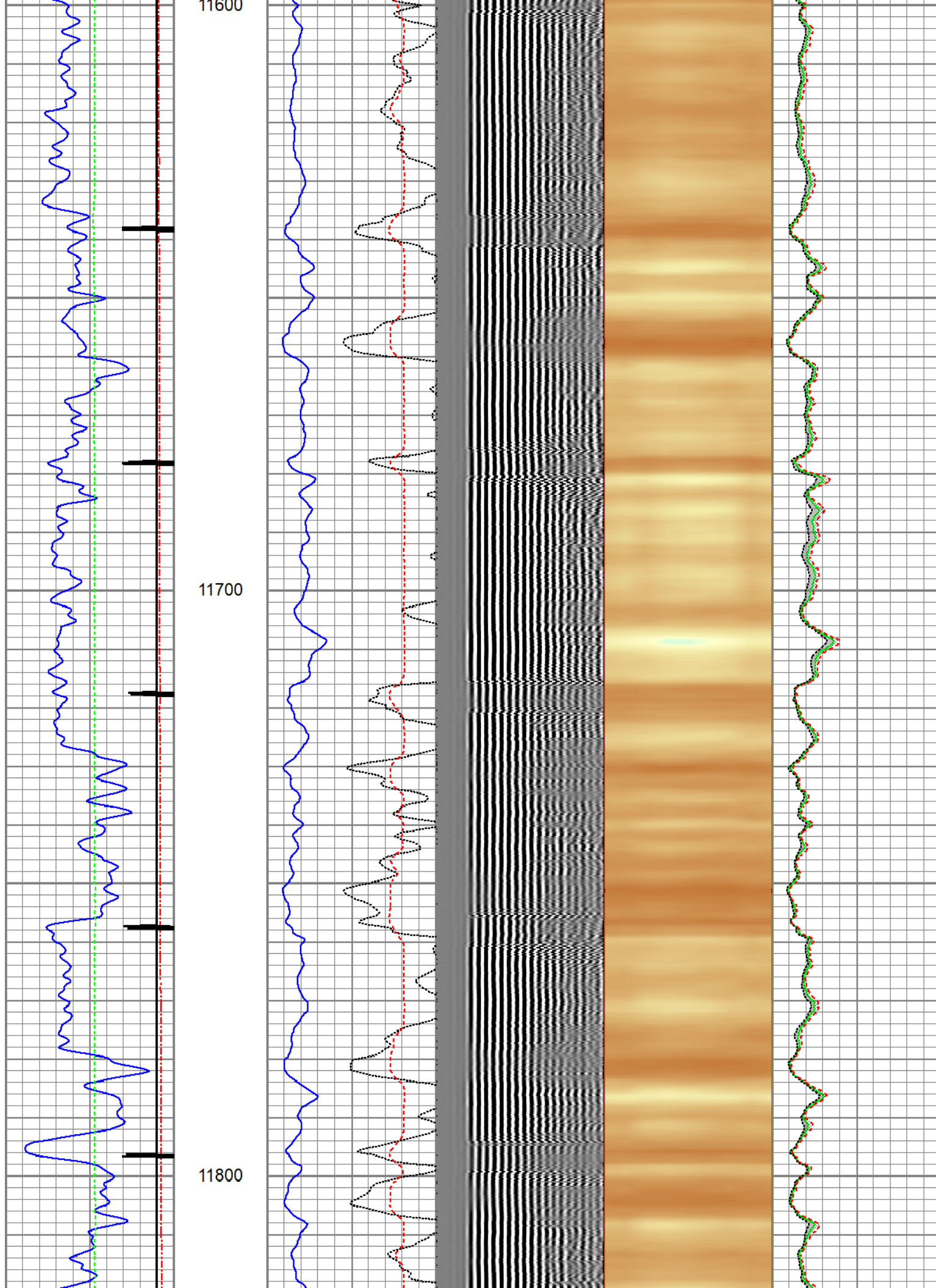


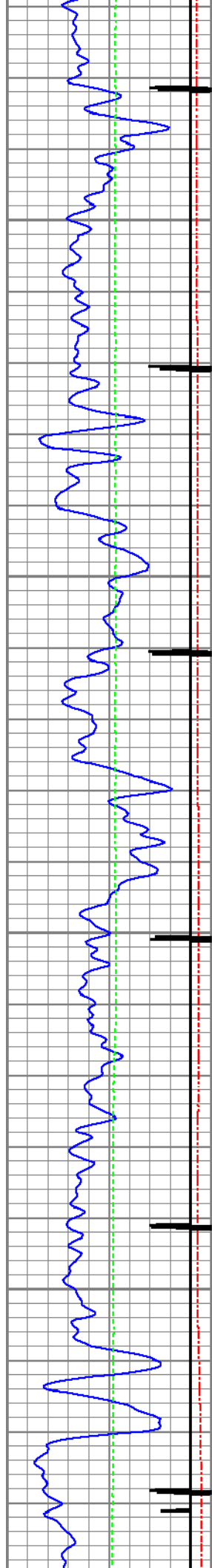


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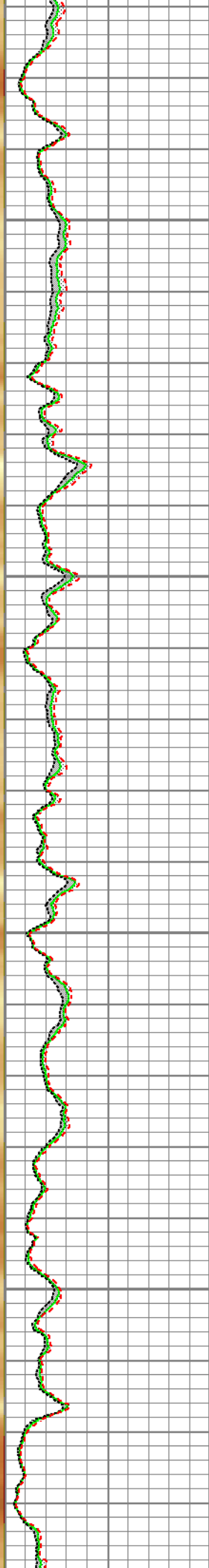
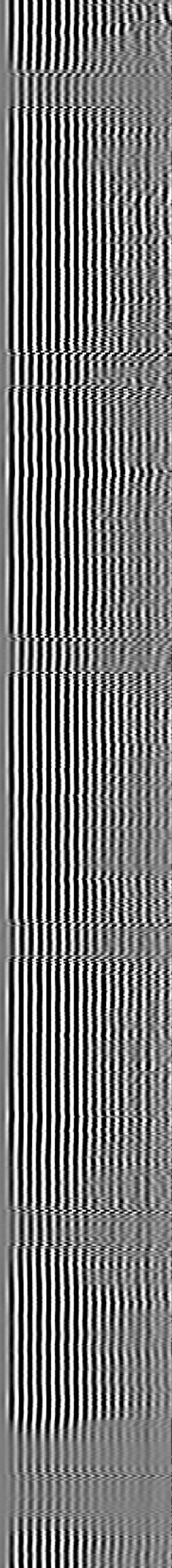
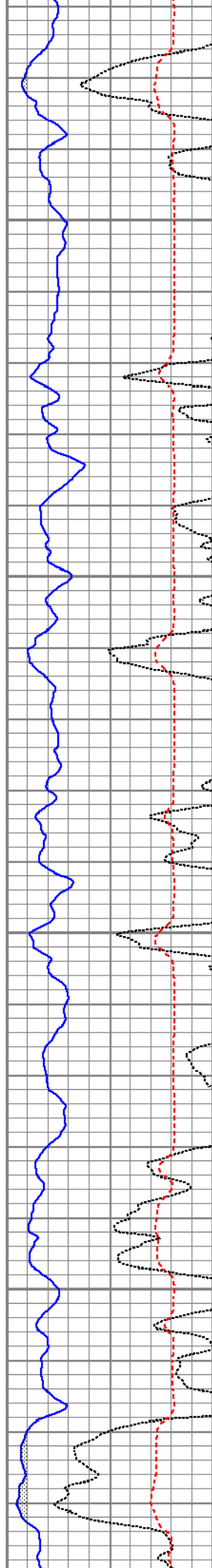
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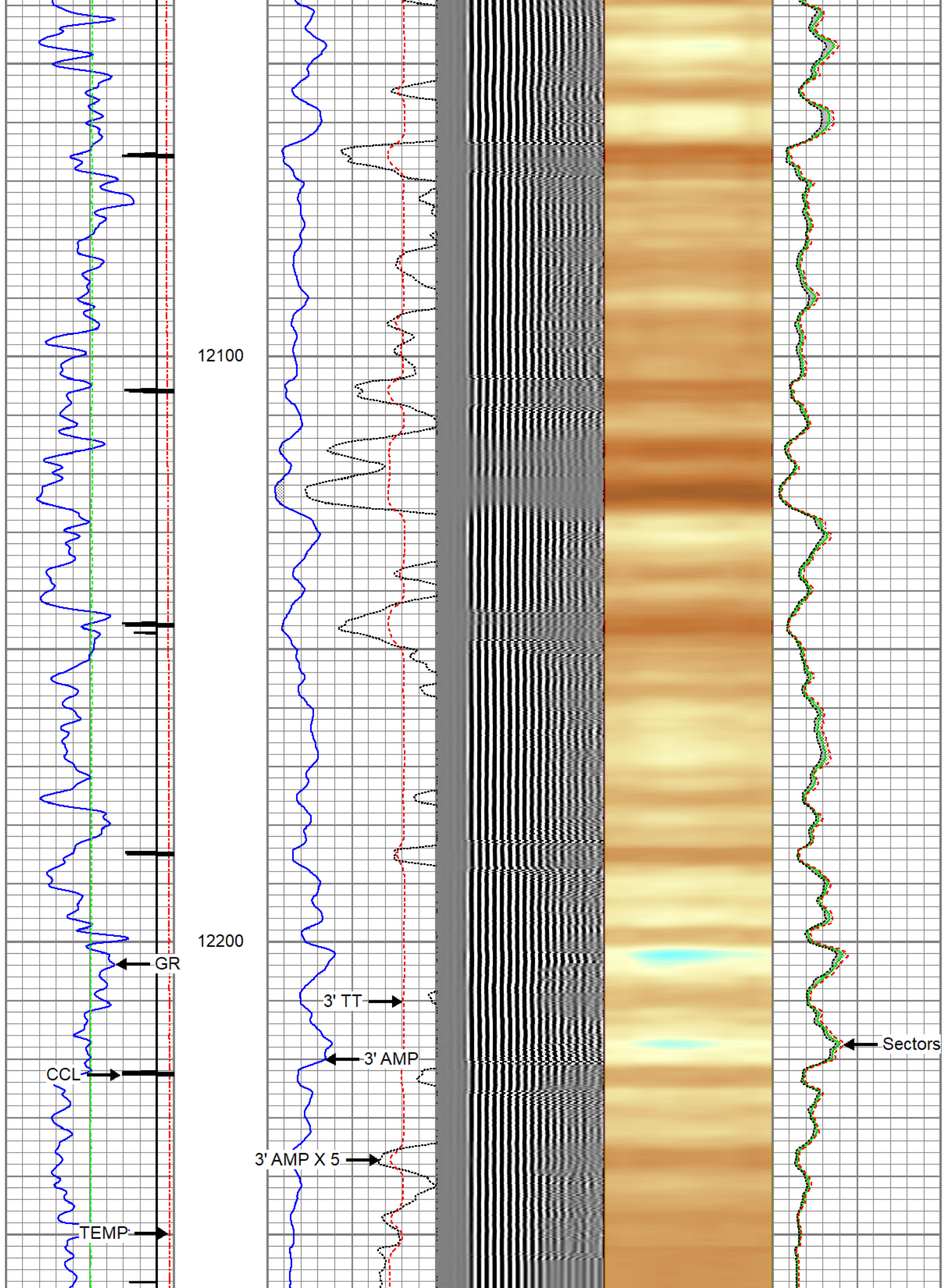


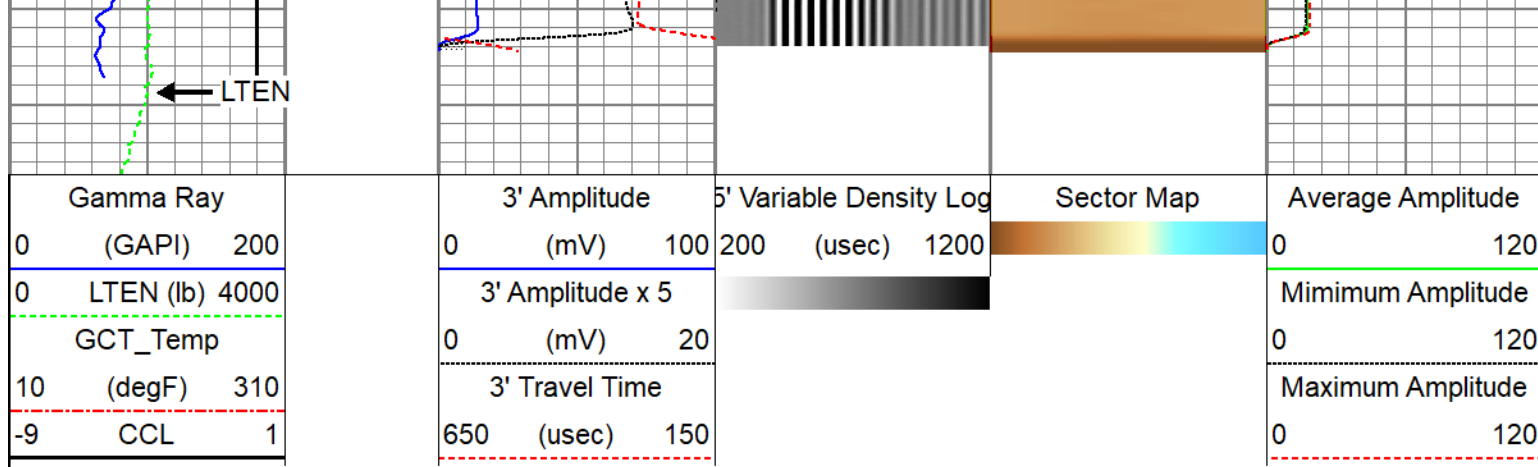


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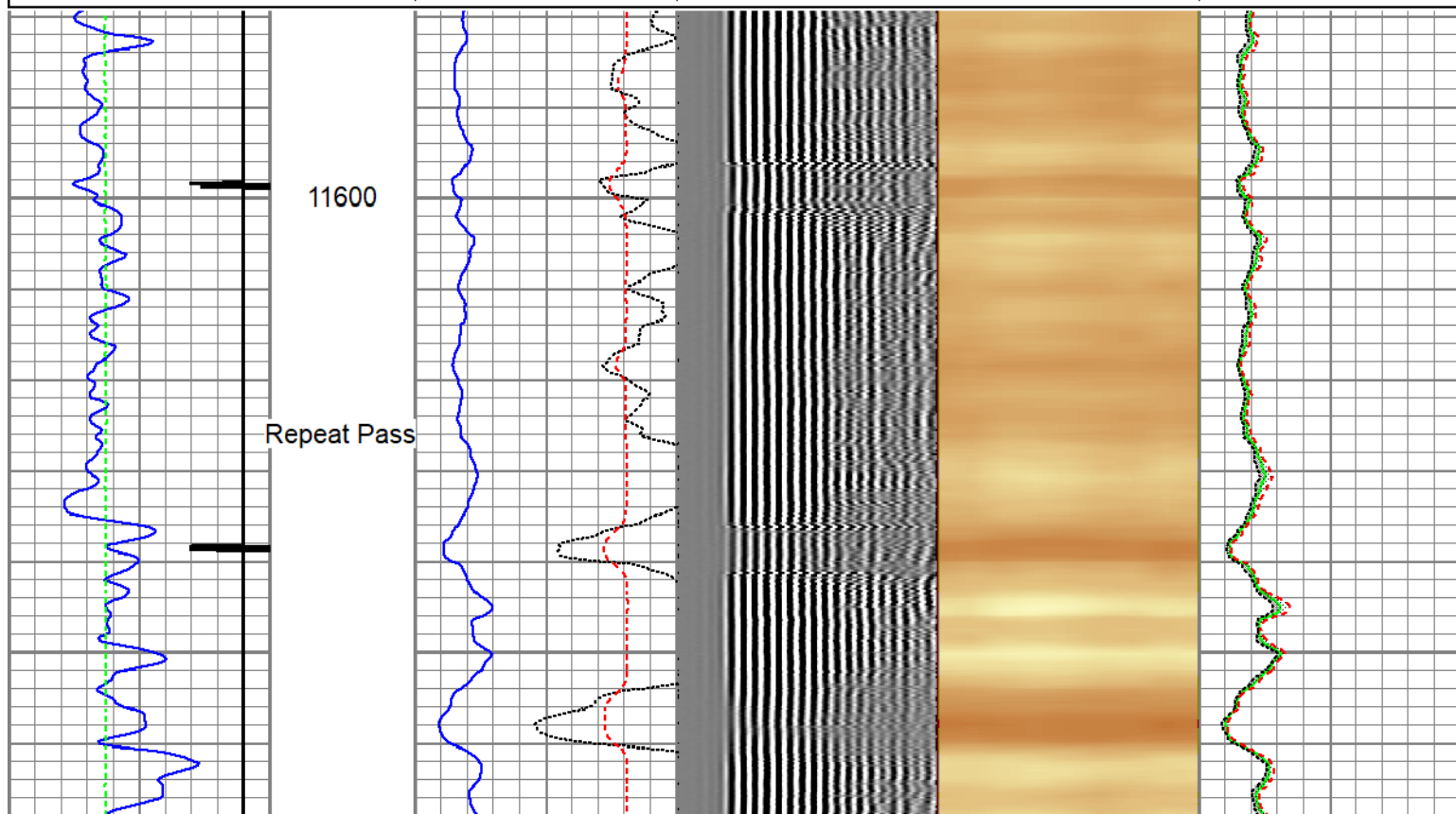
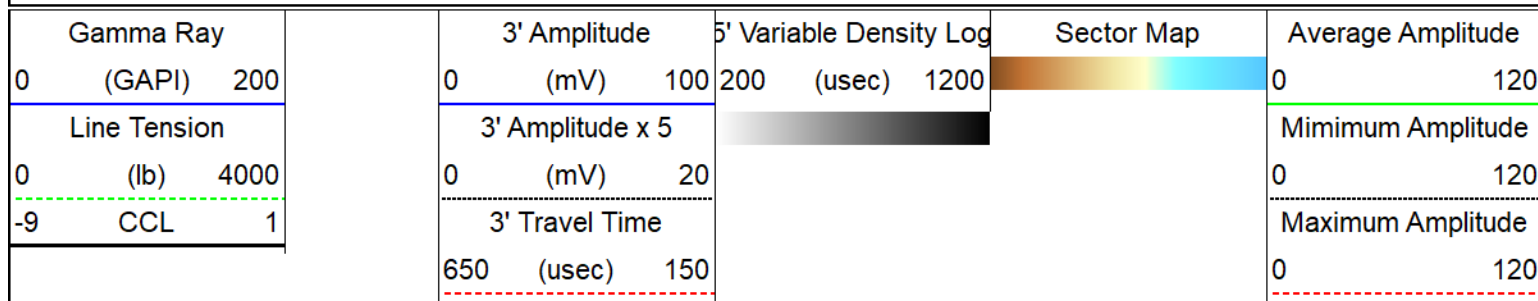


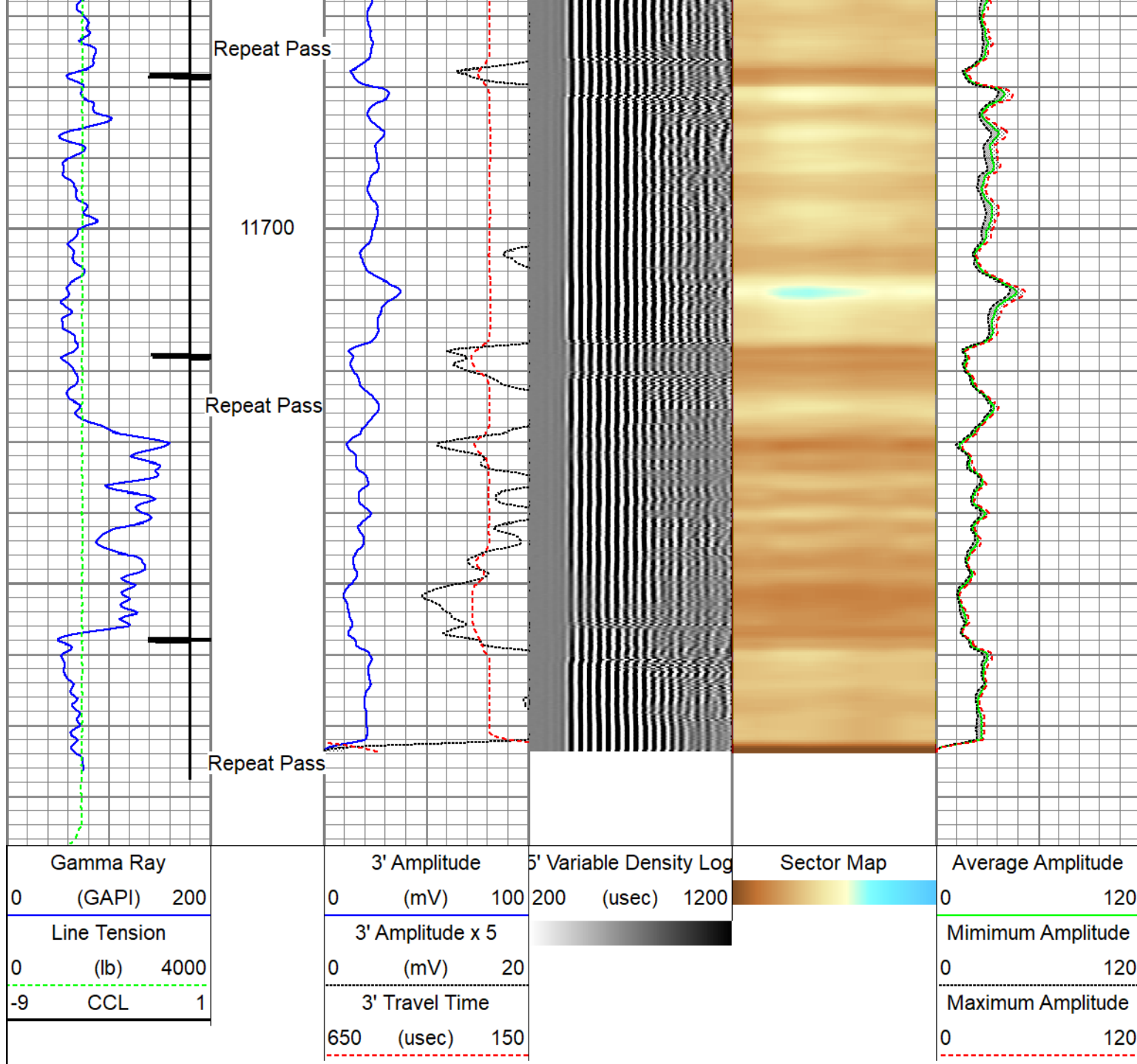




Repeat Pass 5" = 100'

Database File	caerus_bju b26 fed 21d-26-496_rcbl_cnl_8-10-2022.db
Dataset Pathname	repeat
Presentation Format	twgrcbl
Dataset Creation	Wed Aug 10 14:08:11 2022
Charted by	Depth in Feet scaled 1:240





Calibration Report		
Database File	caerus_bju b26 fed 21d-26-496_rcbl_cnl_8-10-2022.db	
Dataset Pathname	main	
Dataset Creation	Wed Aug 10 14:16:53 2022	
Compensated Neutron Calibration Report		
Model:		CNT - 275Dig
Serial Number:		FW1409-35
SHOP CALIBRATION		
		Thu Mar 31 15:47:13 2022
	Cal Tube	Units
Tank Ratio	11.6940	SS/LS
LS Detector	68.71	cps
SS Detector	748.49	cps
Tool Ratio	10.8929	SS/LS

Tool Gain		1.0735		----		
PRE-SURVEY VERIFICATION						
		SS Detector	LS Detector	Measured (p.u.)	Target (p.u.)	
POST-SURVEY VERIFICATION						
		SS Detector	LS Detector	Measured (p.u.)	Target (p.u.)	
Gamma Ray Calibration Report						
Type / Serial:		Probe275dig / FW1403-107				
SHOP CALIBRATION (Not Performed)						
	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	
Segmented Cement Bond Log Calibration Report						
Serial Number:		FW1312-30				
Tool Model:		Probe275acc				
Calibration Casing Diameter:		4.500	in			
Calibration Depth:		38.050	ft			
Master Calibration, performed Wed Aug 10 13:22:25 2022:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.003	0.662	0.000	81.196	123.155	-0.316
CAL	0.004	0.667				
5'	0.001	0.652	0.000	81.196	124.660	-0.079
SUM						
S1	0.003	0.671	0.000	100.000	149.645	-0.471

S1	0.003	0.671	0.000	100.000	149.845	-0.471
S2	0.003	0.679	0.000	100.000	147.905	-0.413
S3	0.003	0.667	0.000	100.000	150.439	-0.382
S4	0.002	0.663	0.000	100.000	151.228	-0.338
S5	0.003	0.671	0.000	100.000	149.579	-0.424
S6	0.003	0.672	0.000	100.000	149.391	-0.425
S7	0.002	0.670	0.000	100.000	149.784	-0.368
S8	0.003	0.669	0.000	100.000	149.993	-0.410

Internal Reference Calibration, performed (Not Performed):

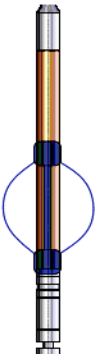
	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.004	0.667	1.000	0.000

Air Zero Calibration, performed Wed Aug 10 13:22:44 2022:


	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.003		0.000		0.000	
5'	0.002		0.000		-0.001	
SUM						
S1	0.003		0.000		0.001	
S2	0.002		0.000		0.000	
S3	0.002		0.000		0.000	
S4	0.002		0.000		-0.000	
S5	0.003		0.000		0.000	
S6	0.003		0.000		0.000	
S7	0.002		0.000		0.000	
S8	0.003		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)
			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

WVFS8	14.27		RBT8acc-Probe275acc (FW1312-30) 2.75" Radial Corrosion with accelerometer	8.75	2.75	110.00
WVFS7	14.27					
WVFS6	14.27					
WVFS5	14.27					
WVFS4	14.27					
WVFS3	14.27					
WVFS2	14.27					
WVFS1	14.27					
WVF3FT	14.27					
WVF5FT	13.27					
RBT_ACCZ	10.02					
RBT_ACCY	10.02					
RBT_ACCX	10.02					
WVFSYNC	10.02					
WVFCAL	10.02					
DCCL	9.11					
CCL	9.11					
GR	7.78		GR-Probe275dig (FW1403-107) Probe Digital Gamma CCL	4.78	2.75	57.00
CNT-275Dig (FW1409-35) Probe Digital CNL				5.24	2.75	40.00
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
CNLSC	1.91					
CNSSC	1.48					
Dataset: caerus_bju b26 fed 21d-26-496_rcbl_cnl_8-10-2022.db: field/well/run1/main Total length: 18.77 ft Total weight: 237.00 lb O.D.: 3.25 in						

Company	Caerus Piceance LLC.				
Well	BJU B26 FED 21D-26-496				
Field	Grand Valley				
County	Garfield	State	Colorado		
		Radial Cement Bond			
		Gamma Ray			
		Casing Collar Log			

