



Radial Cement Bond  
Gamma Ray  
Casing Collar Log

Company	Caerus Piceance LLC.	Country	USA
Well	BJU B26 FED 23B-26-496		
Field	Grand Valley		
County	Garfield		
State	Colorado		
Company	Caerus Piceance LLC.		
Well	BJU B26 FED 23B-26-496		
Field	Grand Valley		
County	Garfield		
State	Colorado		
Country	USA		
Location:	API # : 05-045-24461	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	27-DEC-2022		
Run Number	One		
Depth Driller	12500 FT		
Depth Logger	12290 FT		
Bottom Logged Interval	12276 FT		
Top Log Interval	Surface		
Open Hole Size	8.750"		
Type Fluid	Fresh Water		
Density / Viscosity	8.34 lb/gal		
Max. Recorded Temp.	299° F		
Estimated Cement Top	See Log		
Time Well Ready	ROA		
Time Logger on Bottom	08:00		
Equipment Number	8045		
Location	Grand Junction, Co.		
Recorded By	A.Ellsworth		
Witnessed By	Z. Fisher		
Run Number	8.75"	From	To
Bit	Surface	12500'	
Size			
From			
To			
Size			
Weight			
From			
To			
Size			
Wgt/Ft			
Top			
Bottom			
Surface String	9.625"	36	3015 FT
Prot. String	4.5"	11.6	12485 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 8478 FT - 8488 FT  
Log ran from 12290 FT to Surface  
Log ran with 0 PSI surface induced pressure.

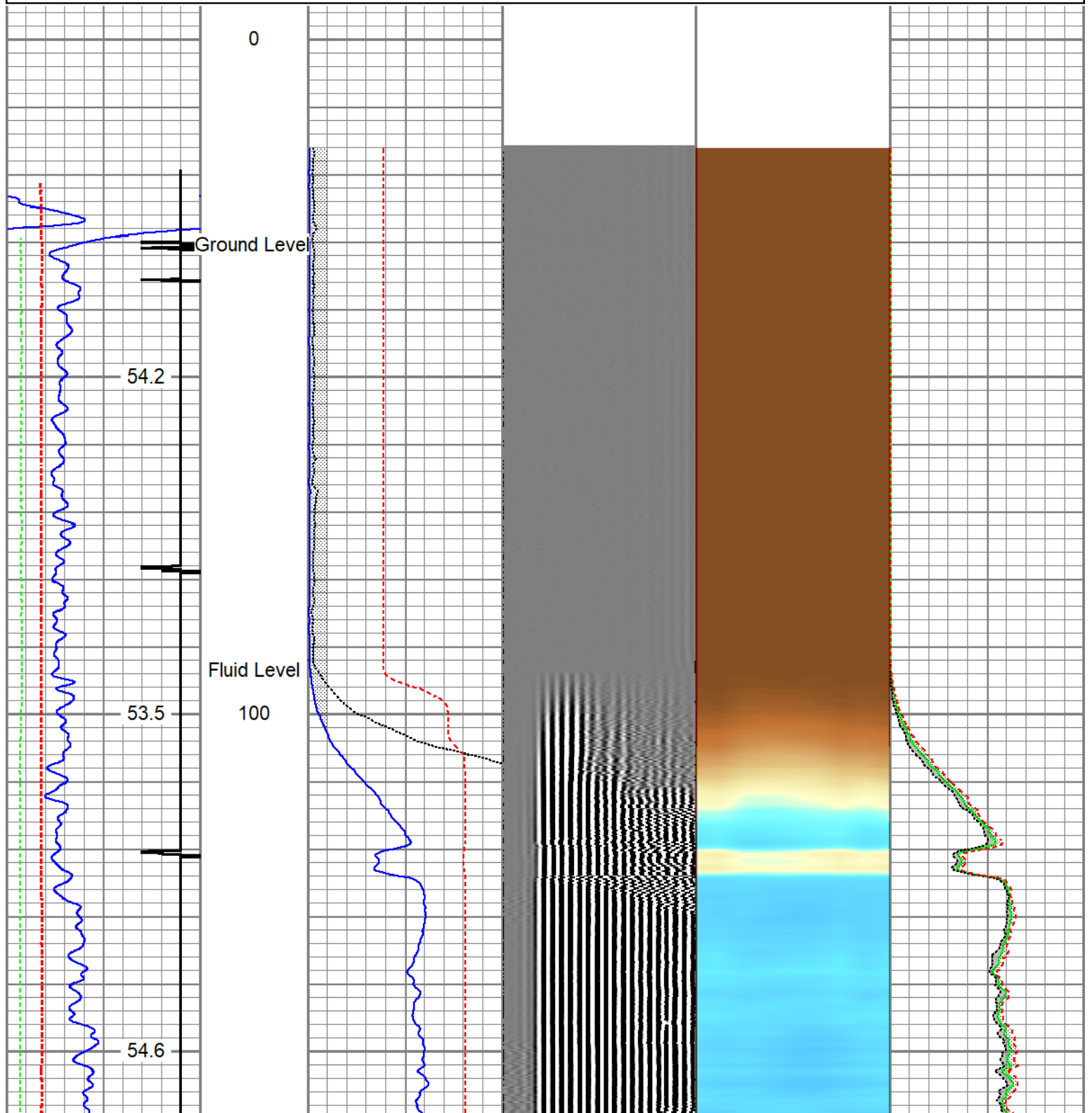
Thank you for choosing The Wireline Group!!!

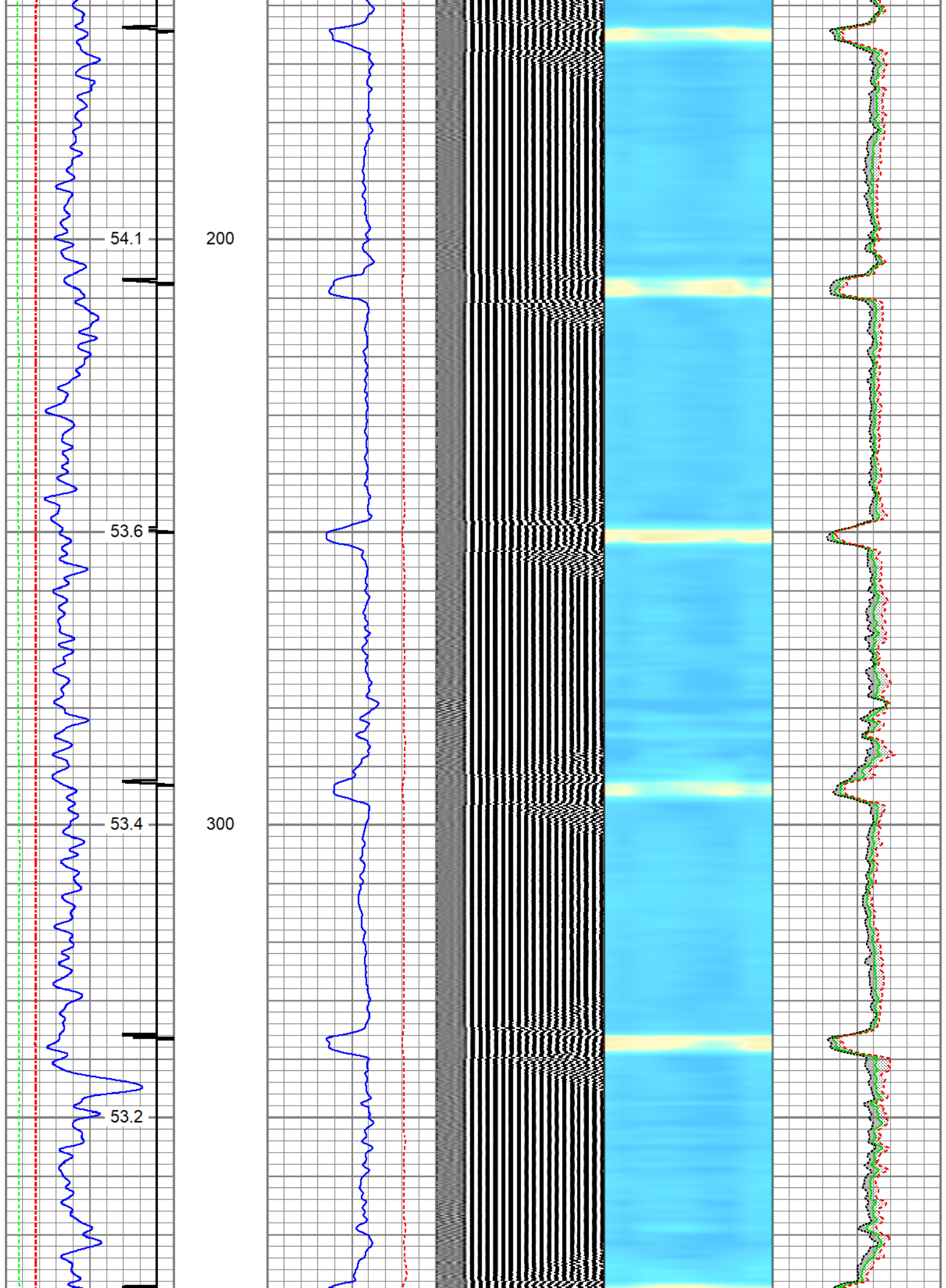


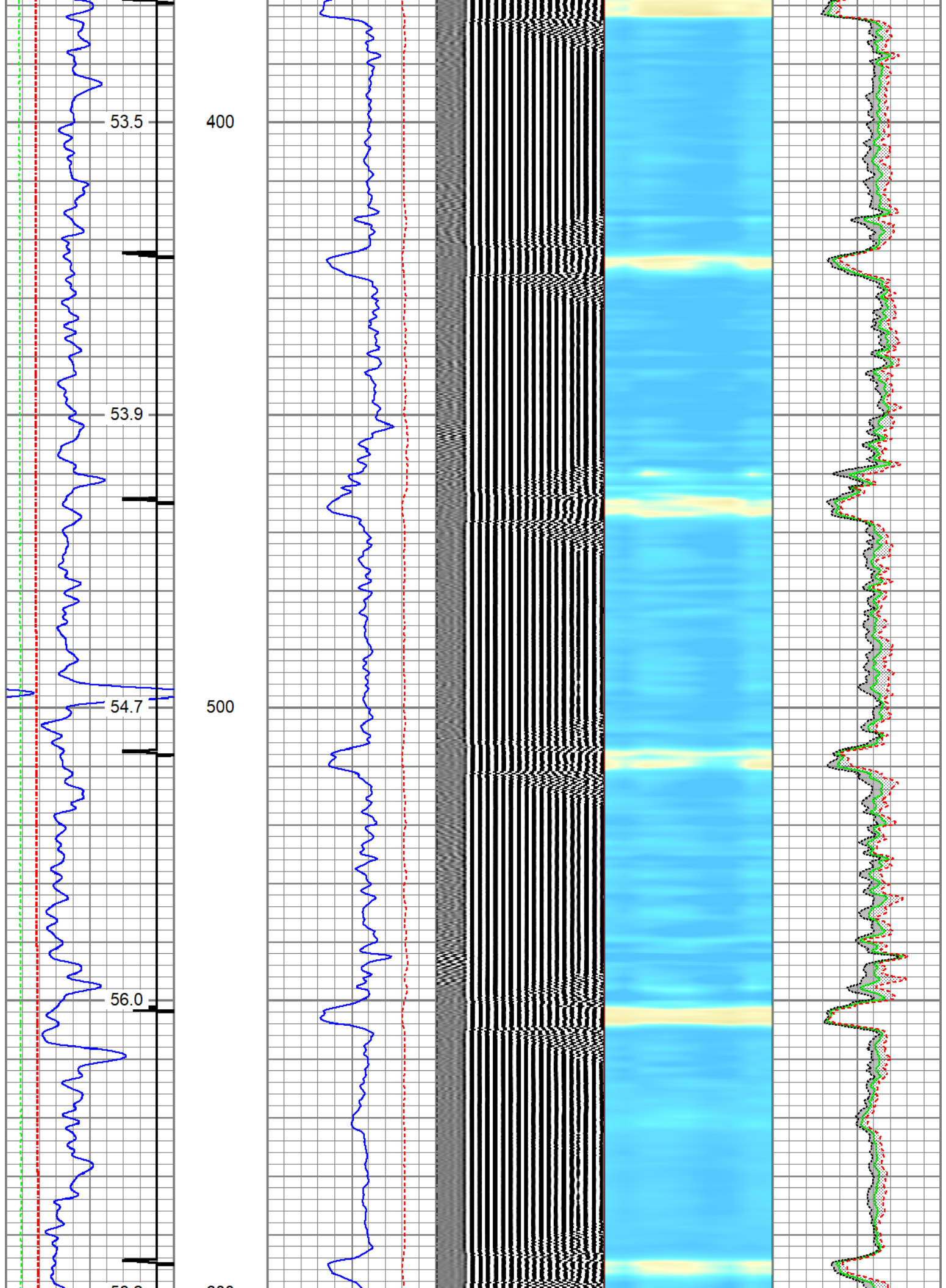
Main Pass 5" = 100'

Database File caerus\_bju b26 fed 23b-26-496\_rcbl-cnl\_12-27-2022.db  
Dataset Pathname main  
Presentation Format twgrcbl  
Dataset Creation Tue Dec 27 08:06:49 2022  
Charted by Depth in Feet scaled 1:240

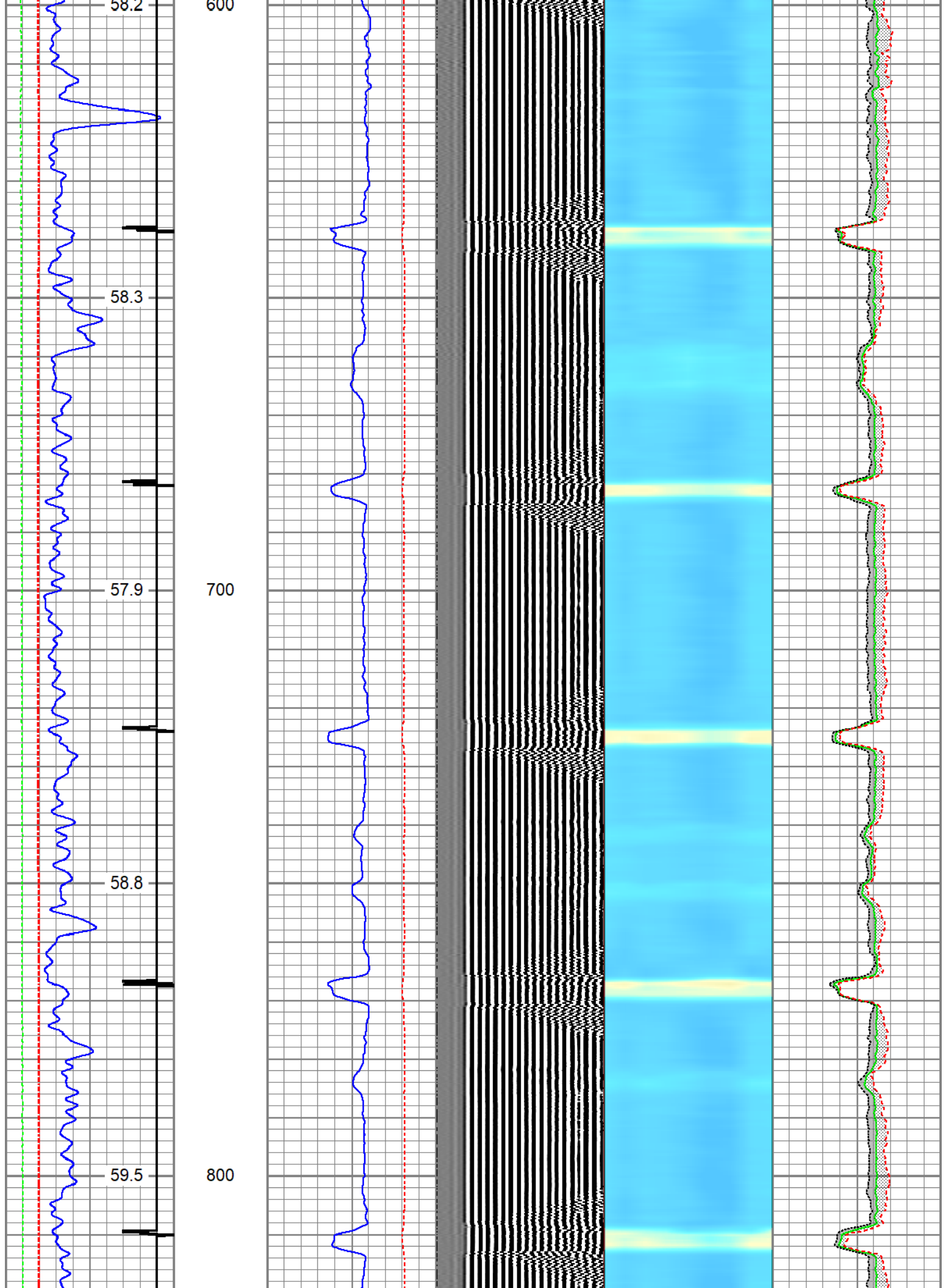
Gamma Ray			3' Amplitude			5' Variable Density Log			Sector Map			Average Amplitude		
0	(GAPI)	200	0	(mV)	100	200	(usec)	1200				0		120
Line Tension			3' Amplitude x 5									Minimum Amplitude		
0	(lb)	4000	0	(mV)	20							0		120
-9	CCL	1	3' Travel Time									Maximum Amplitude		
0	Temp (degF)	300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

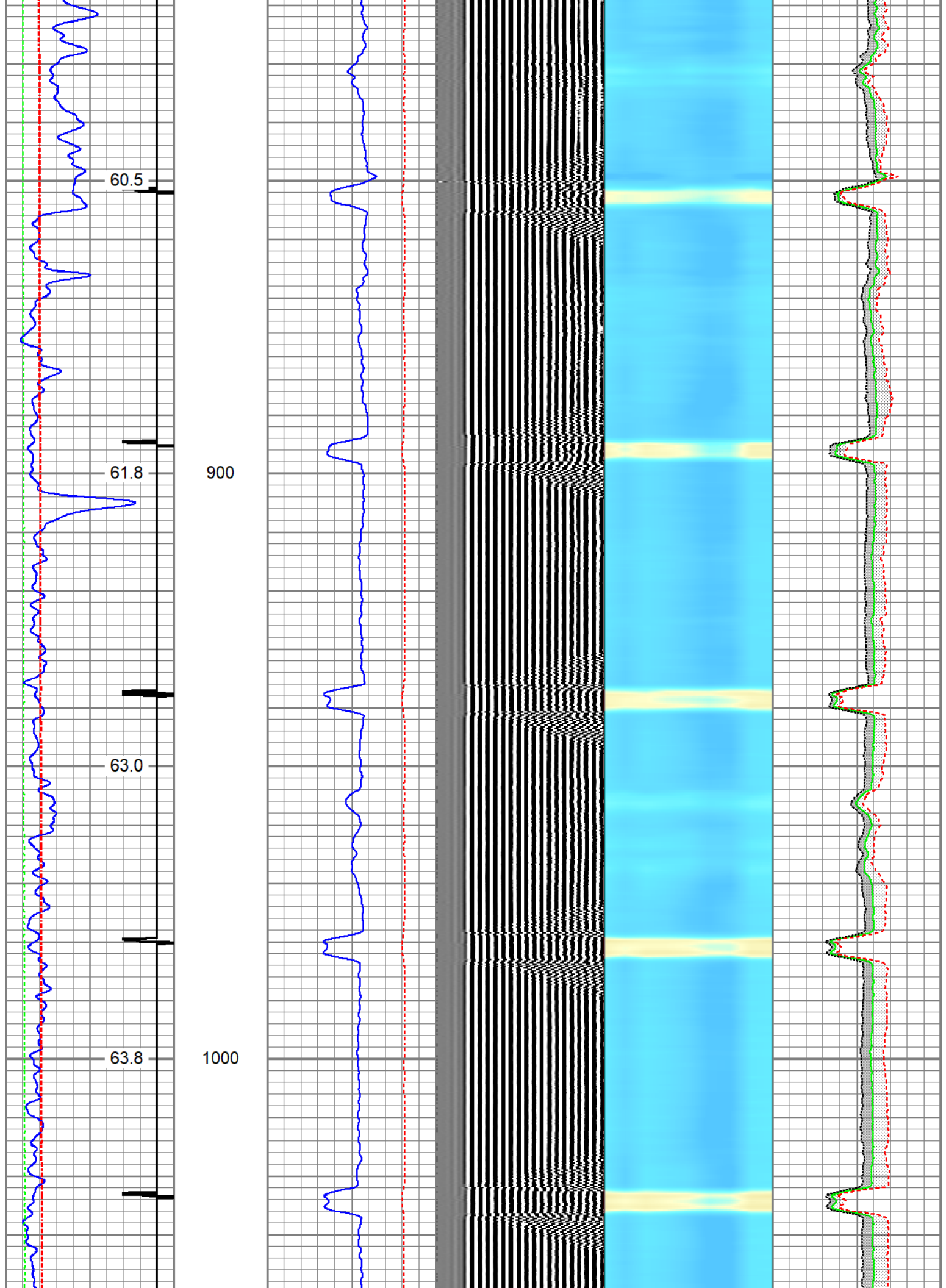


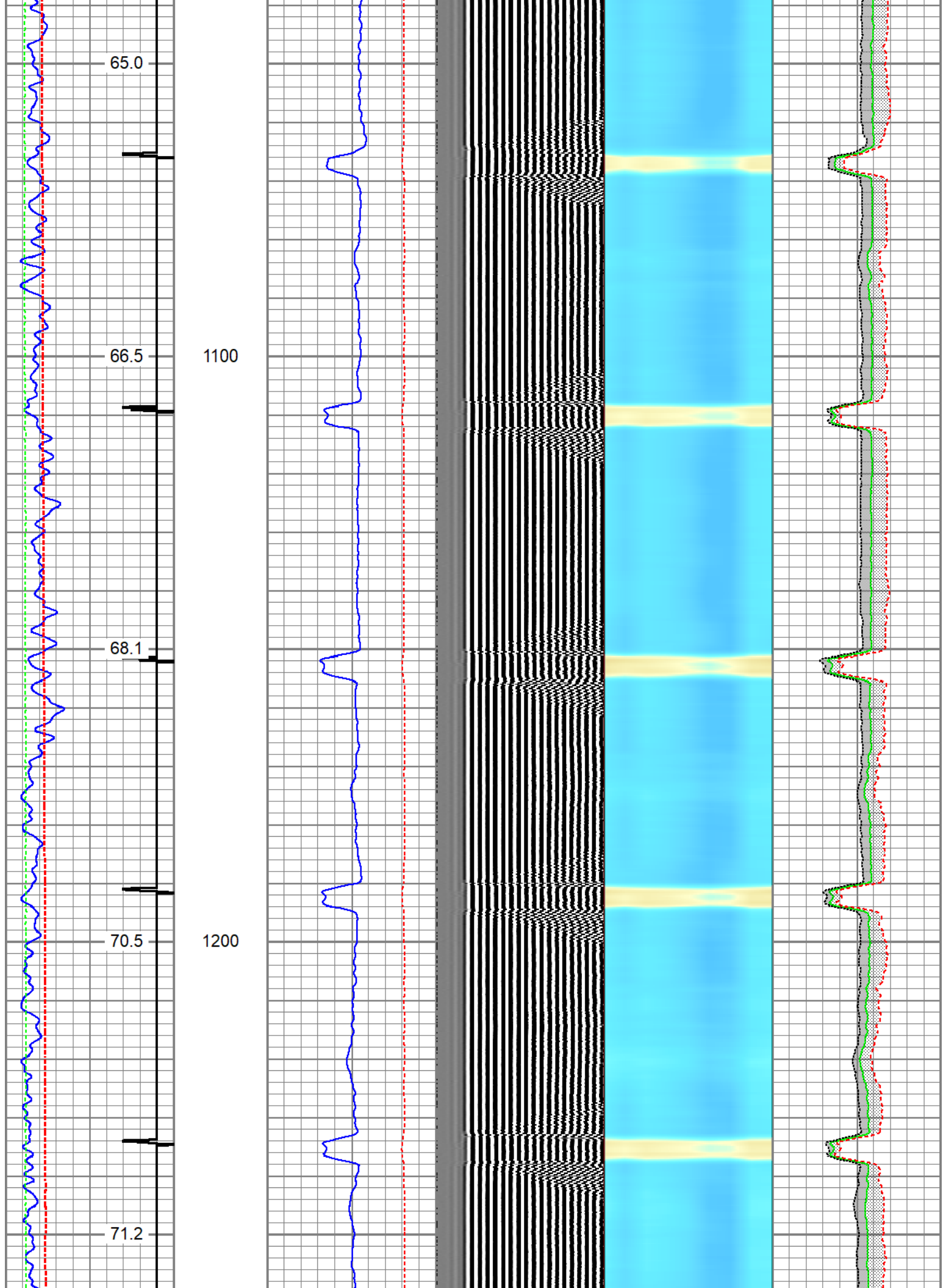


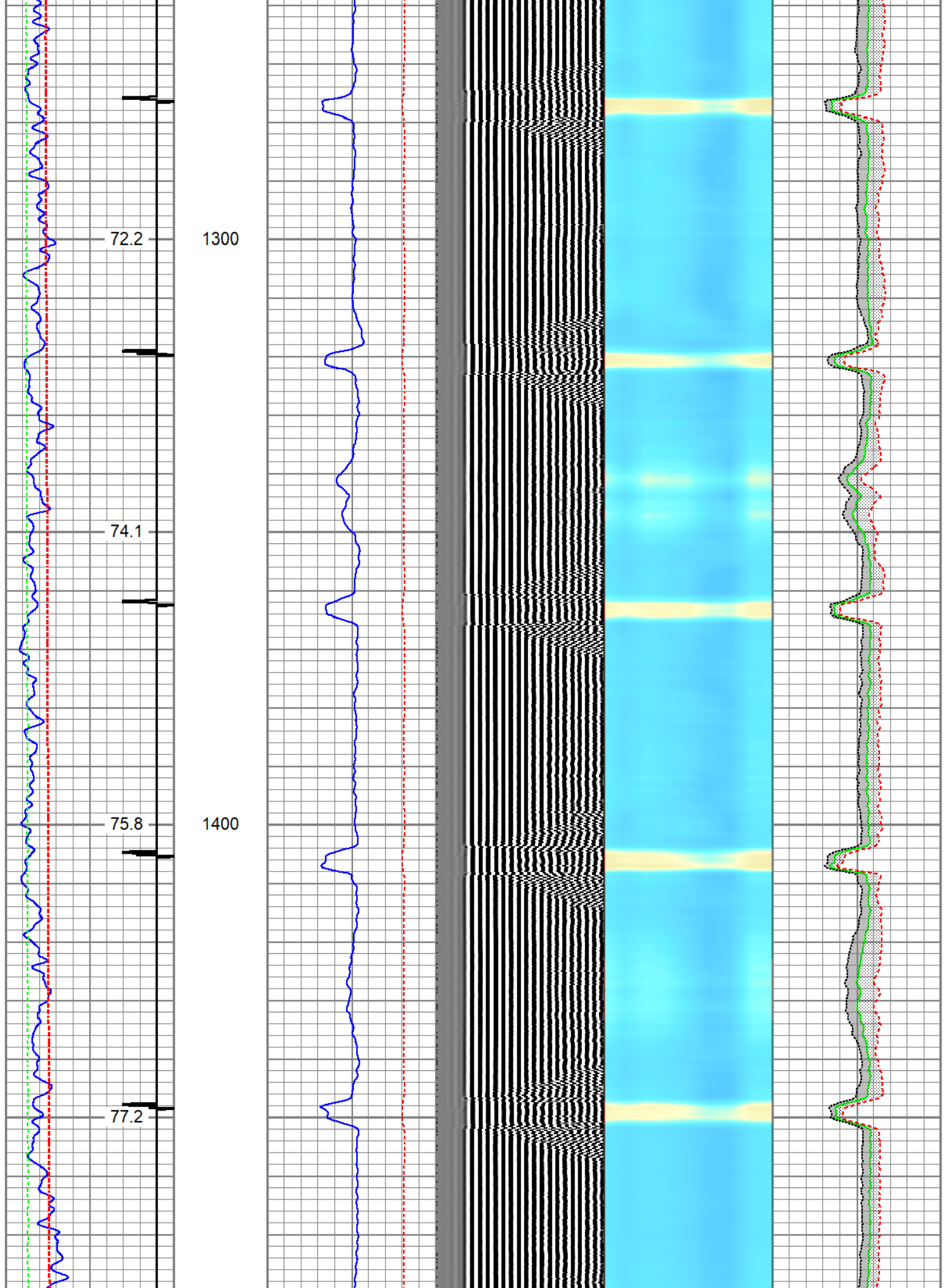




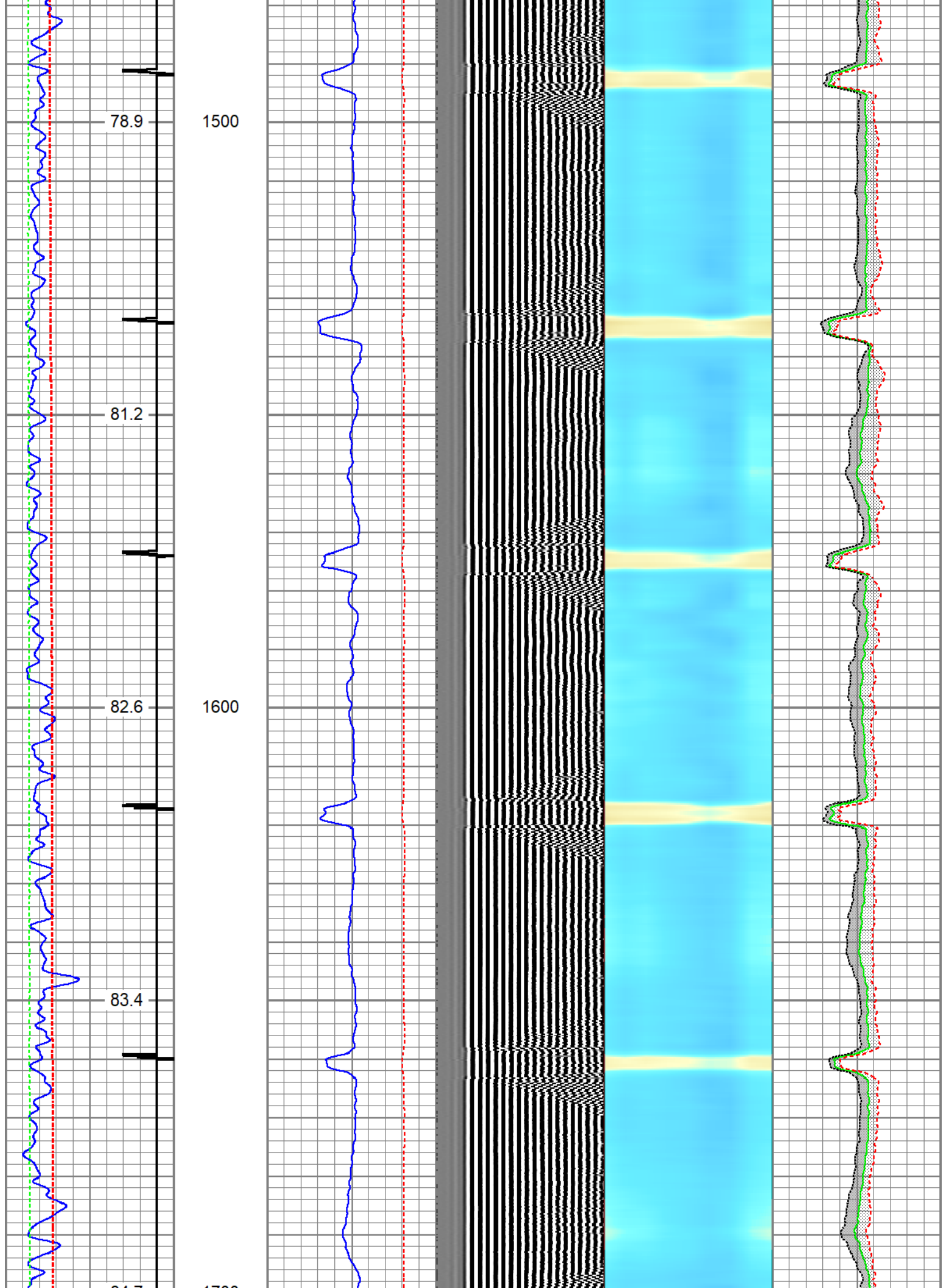


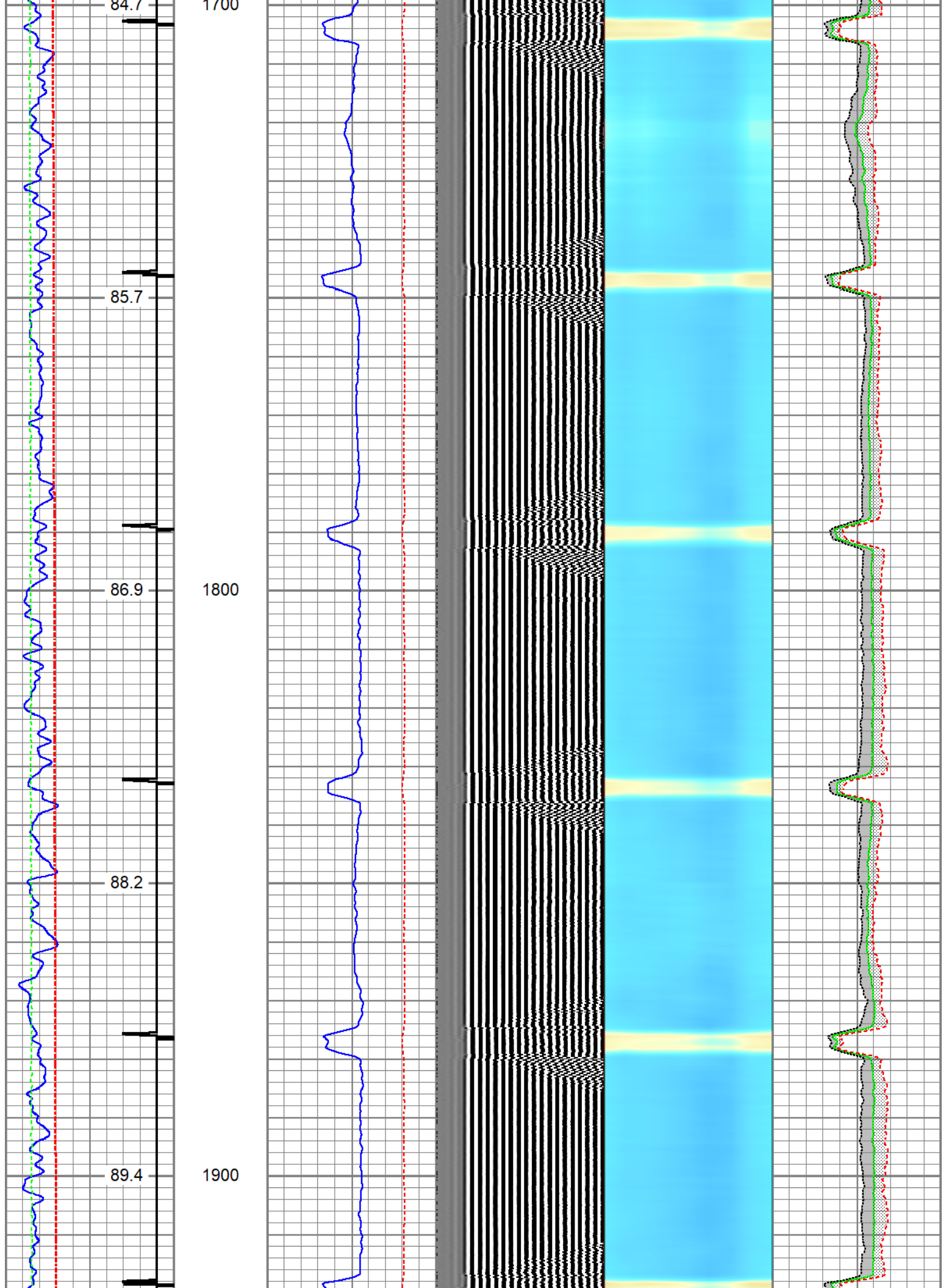


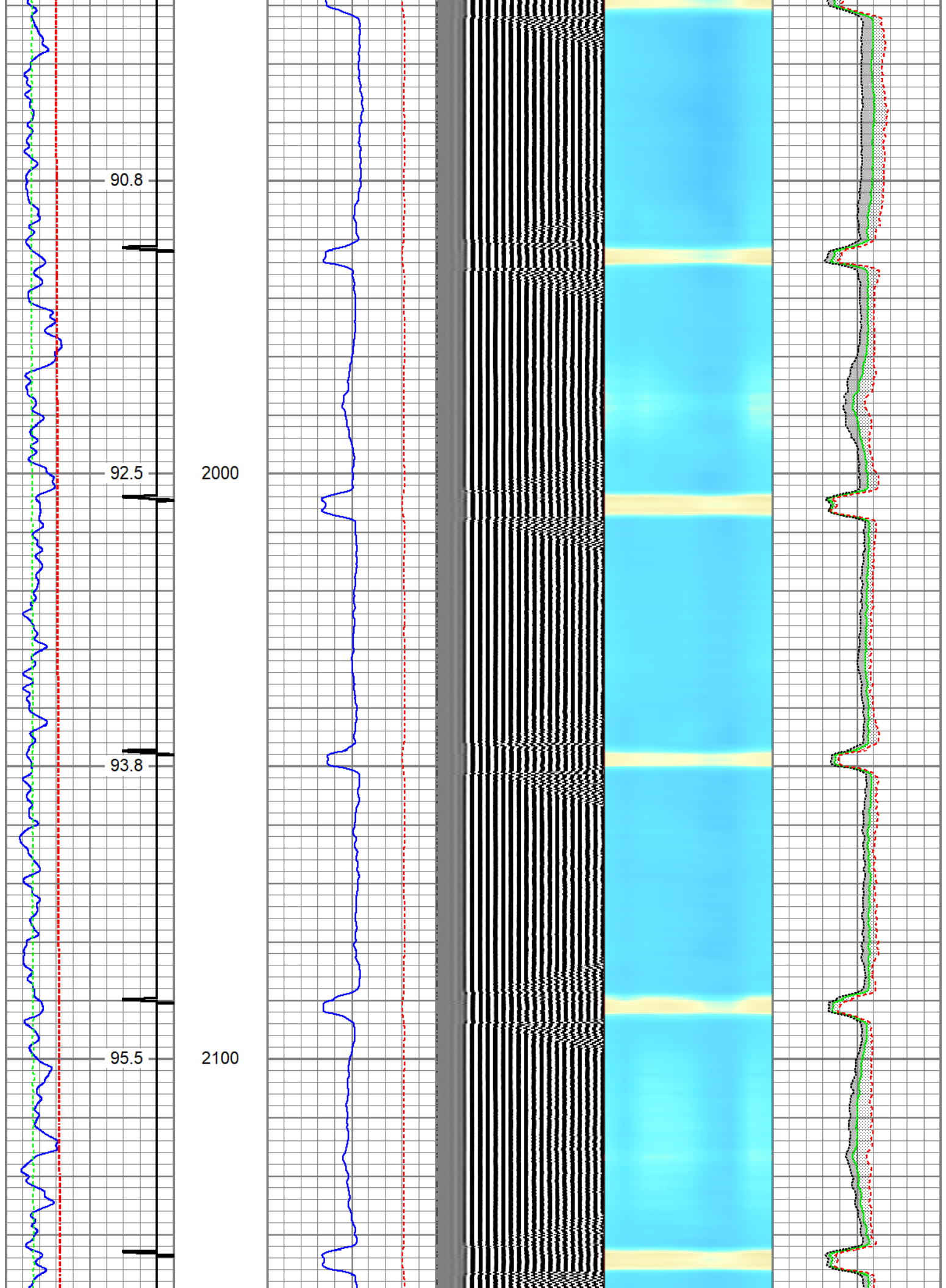


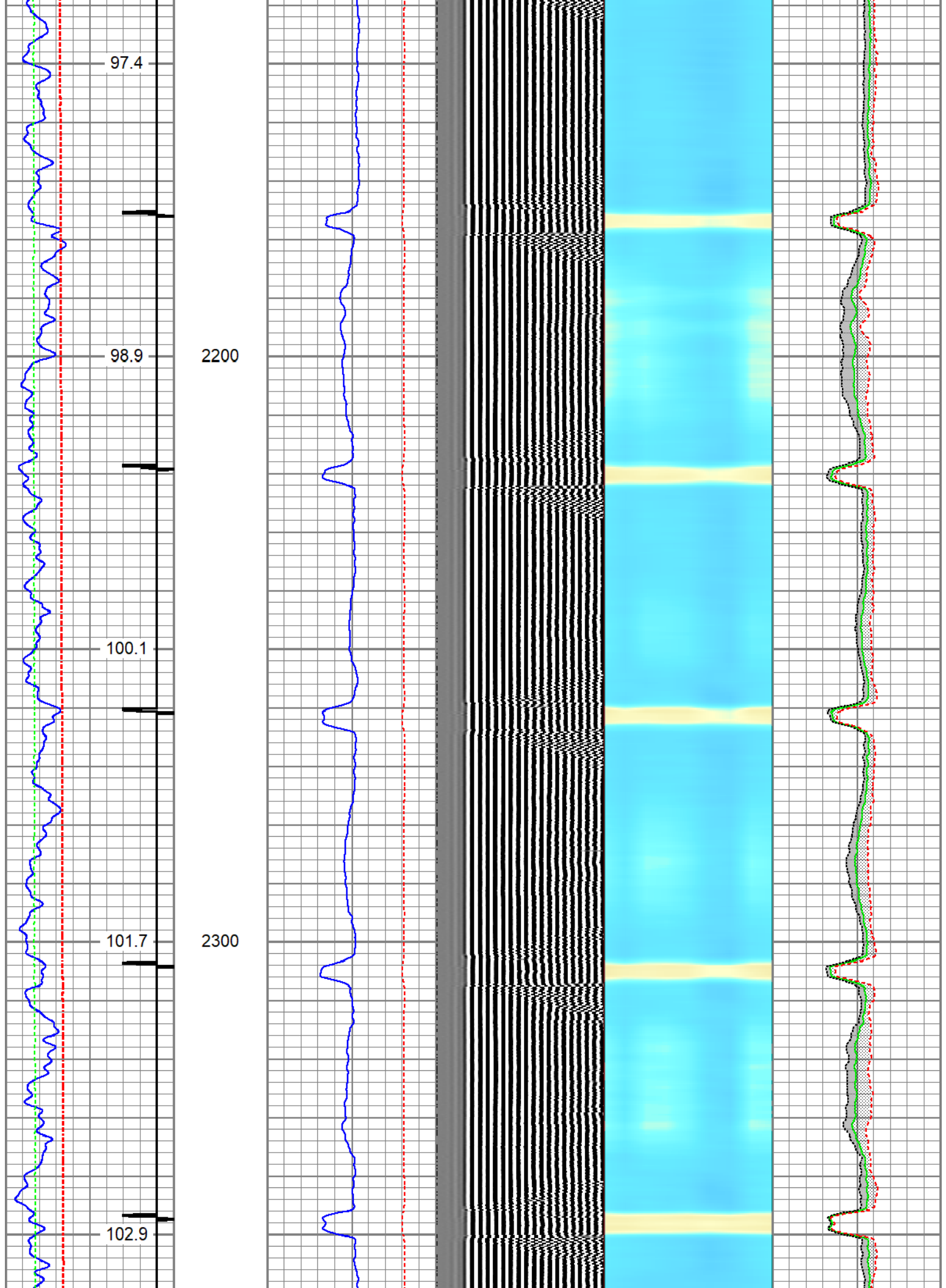




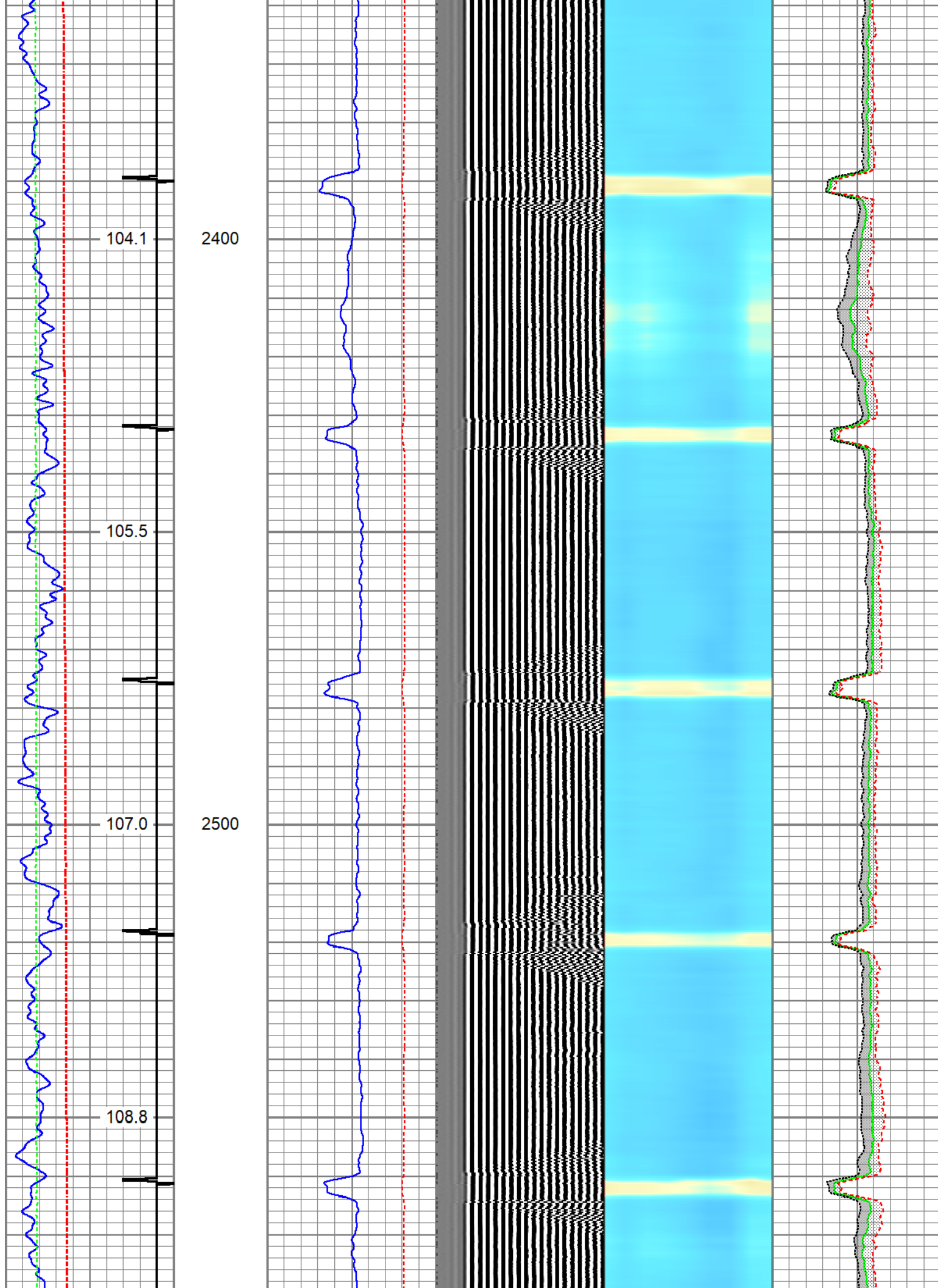


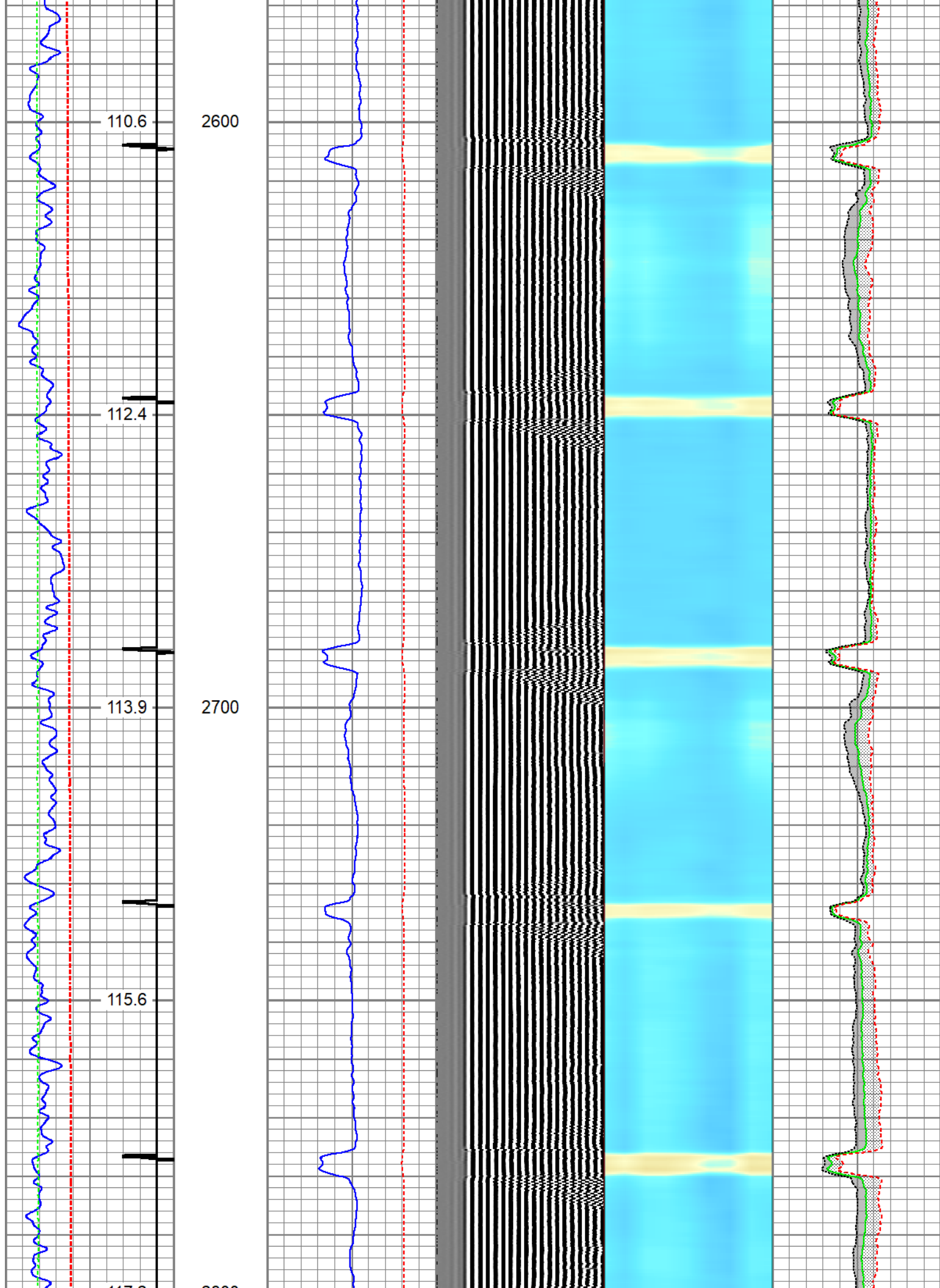


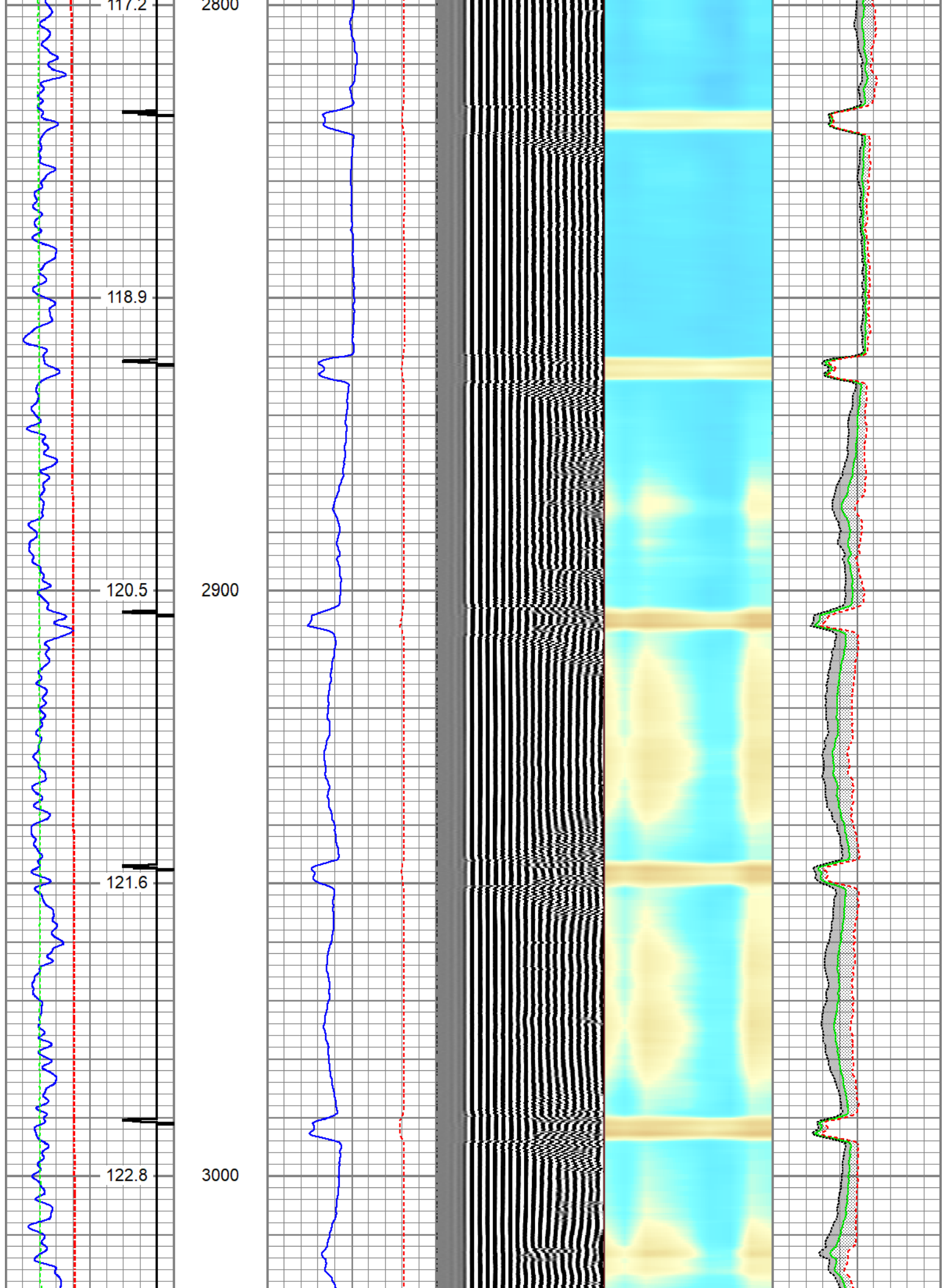


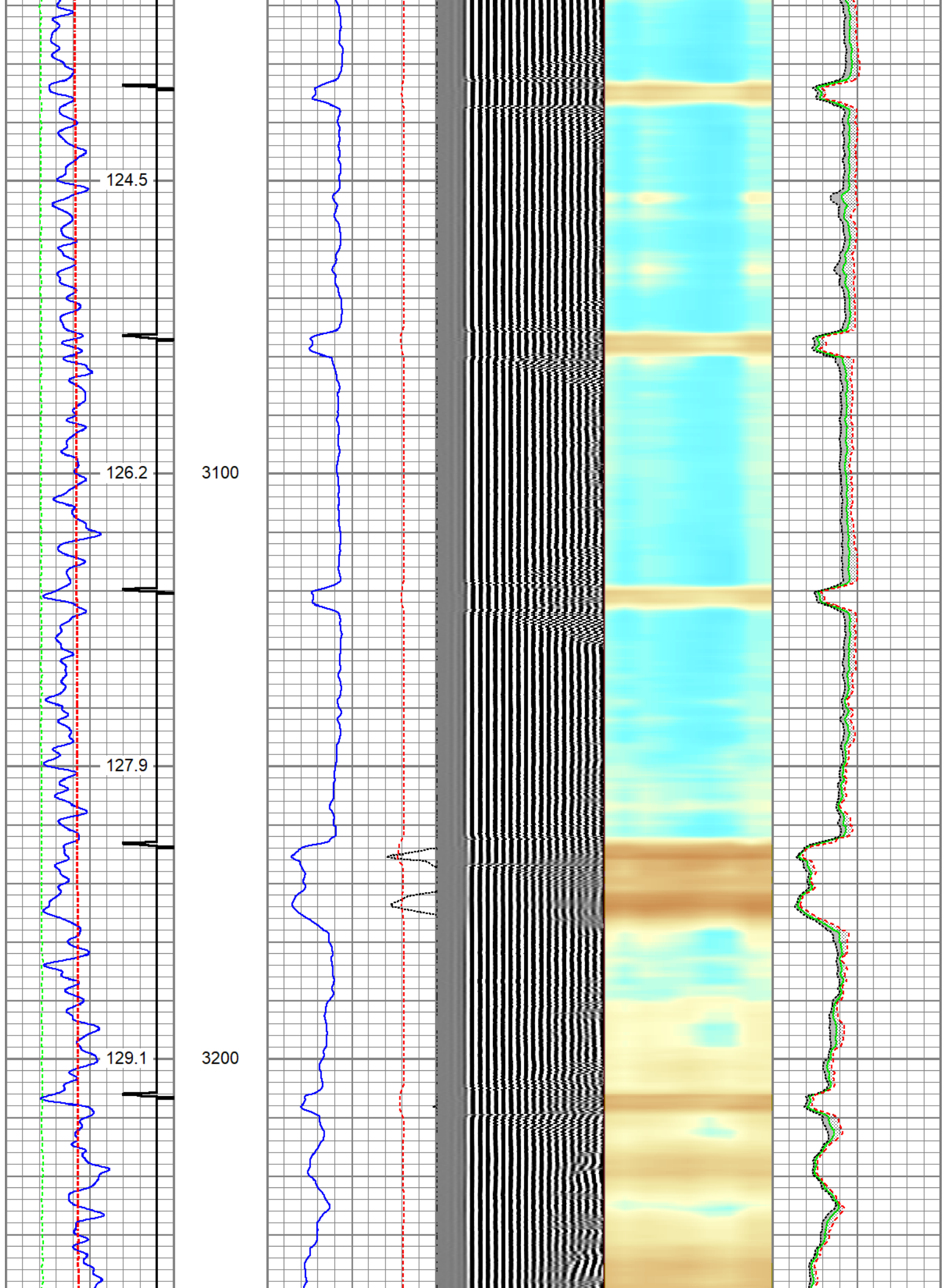




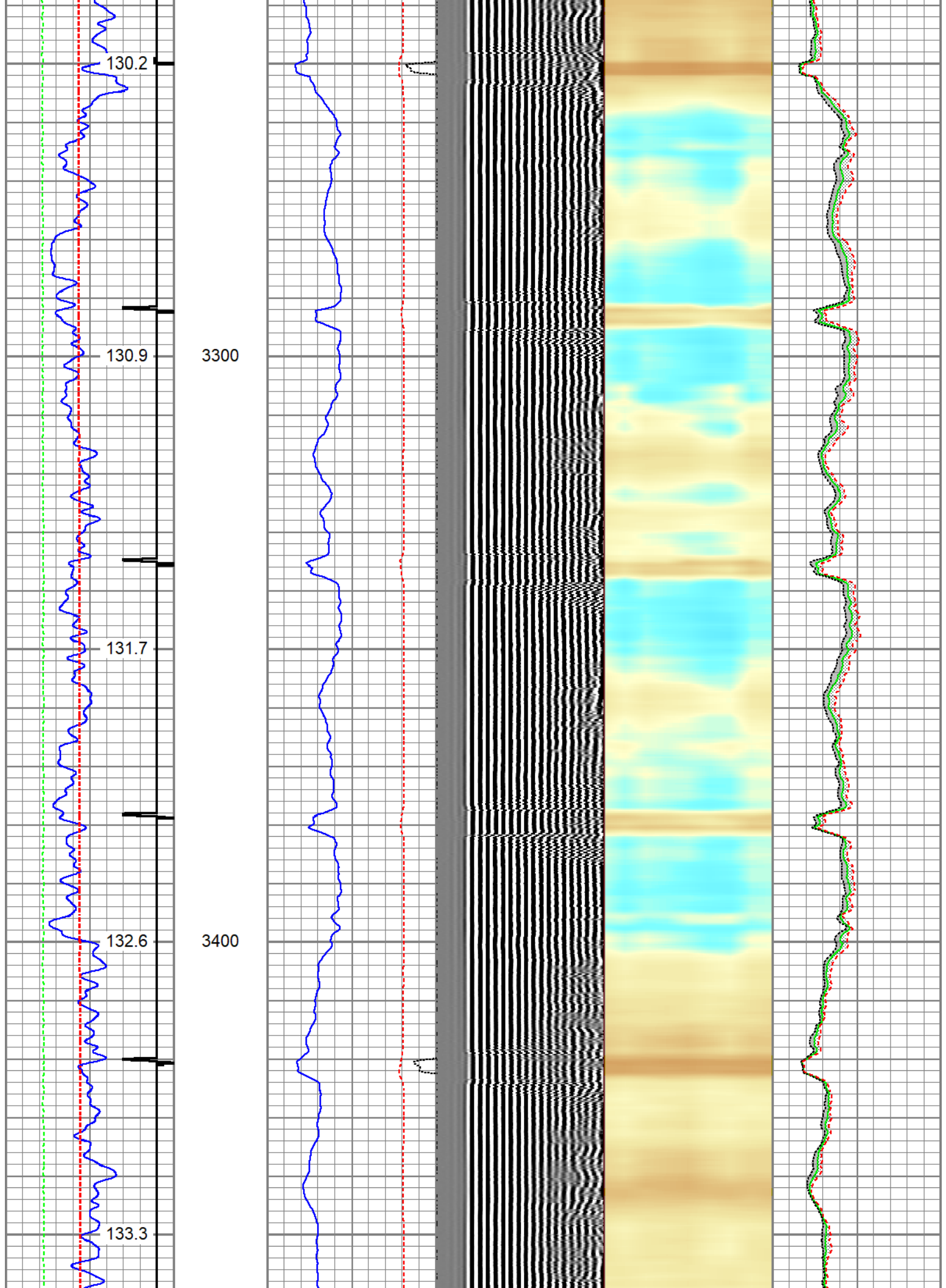


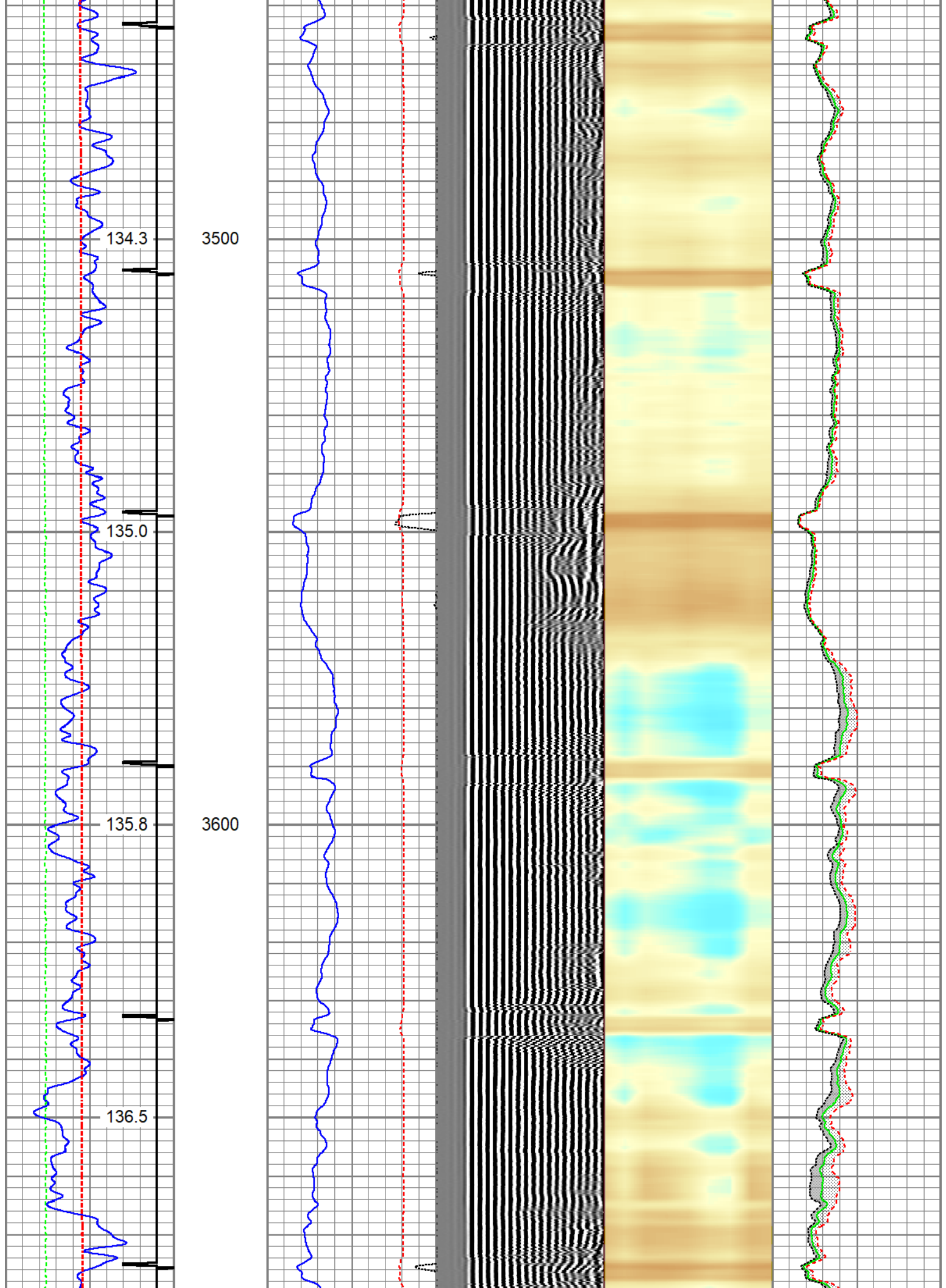


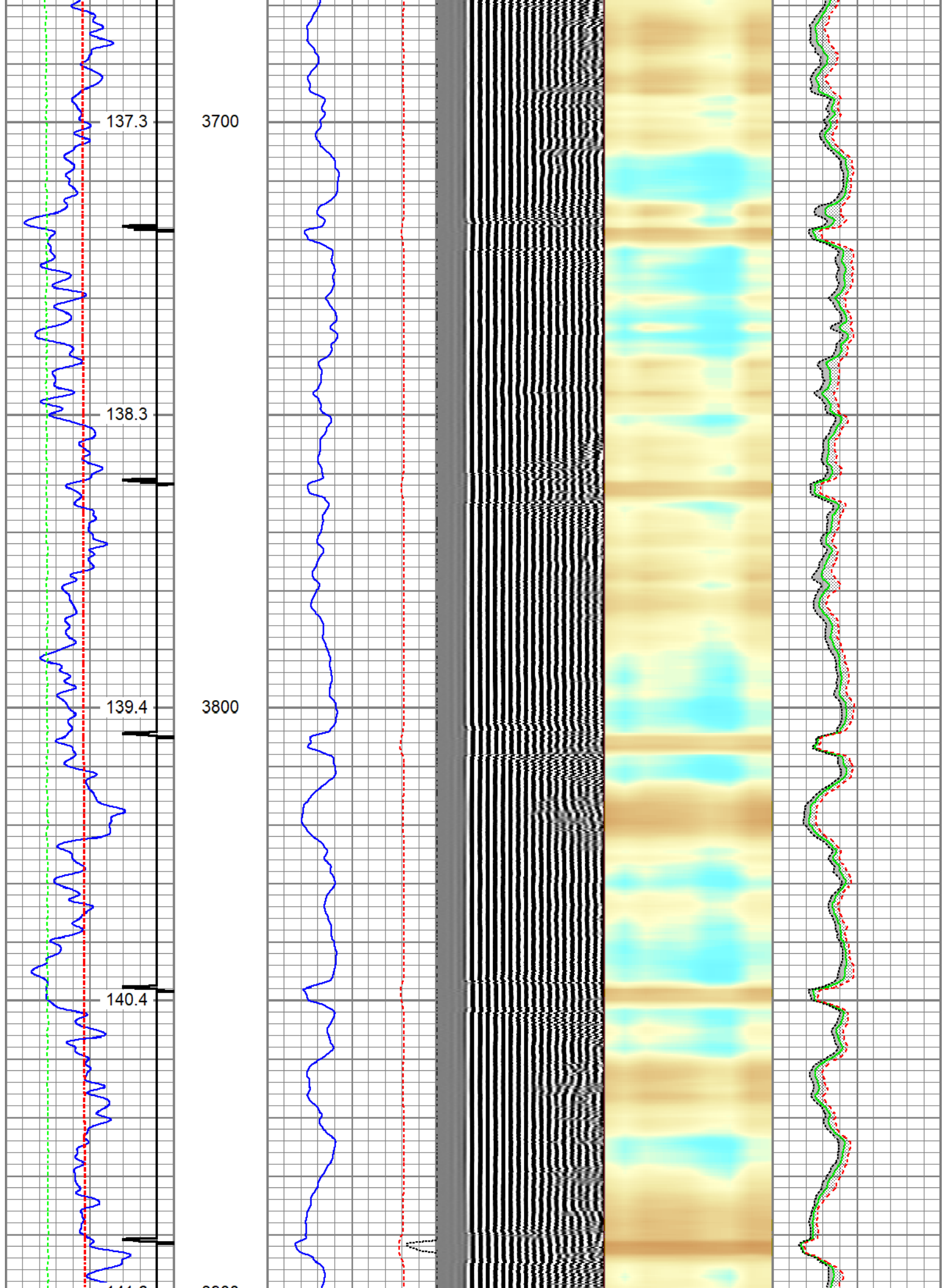




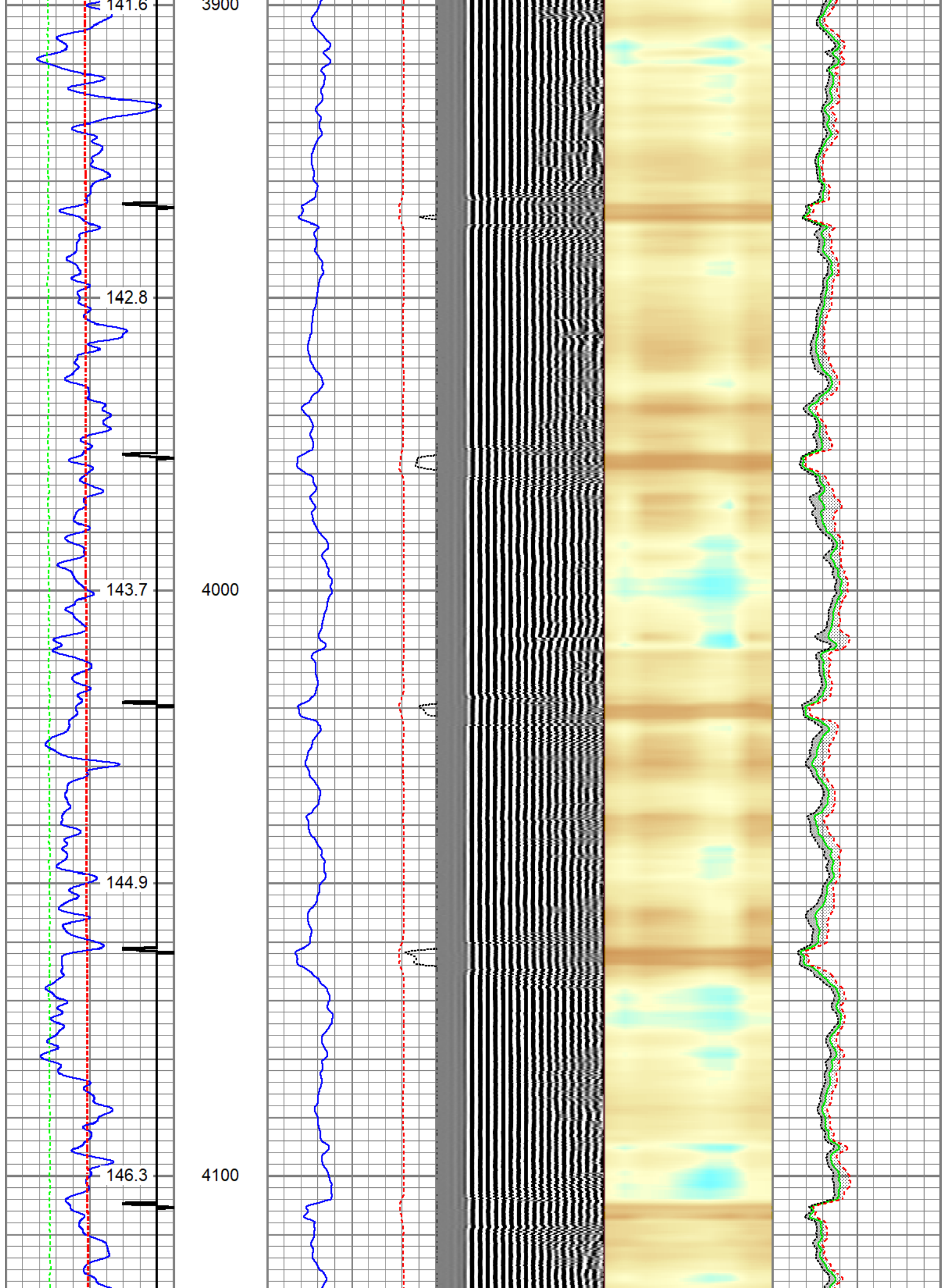




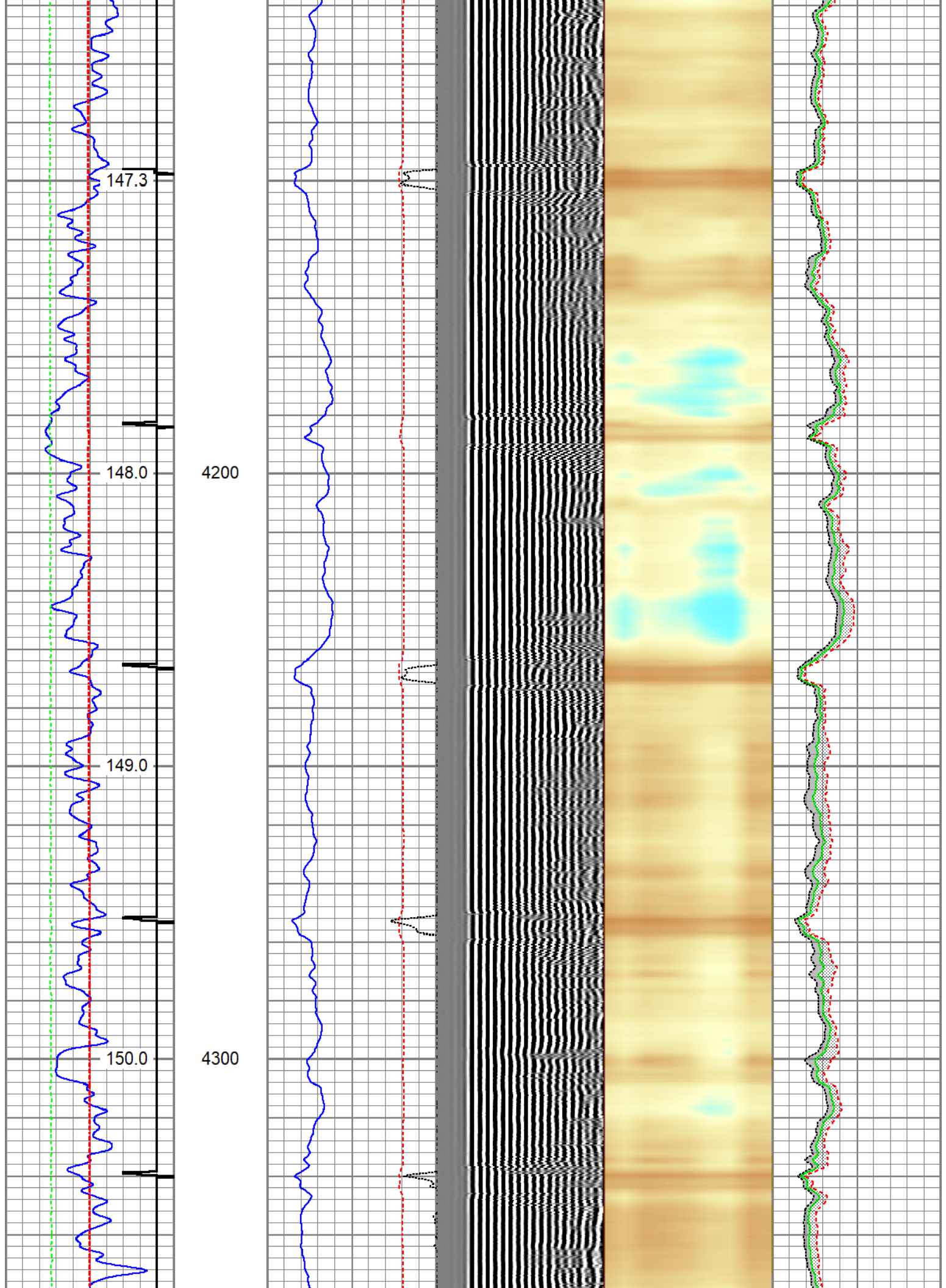


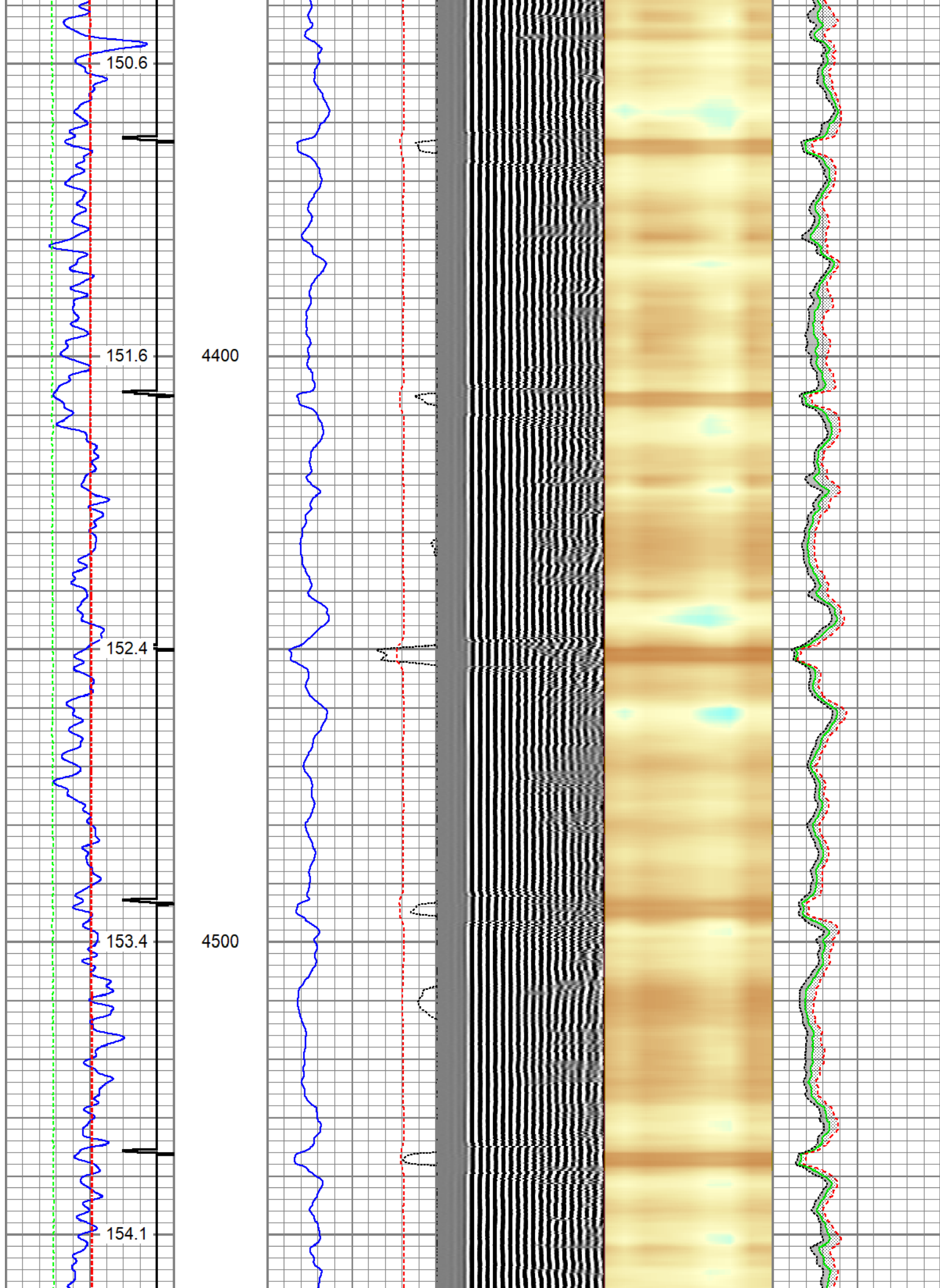


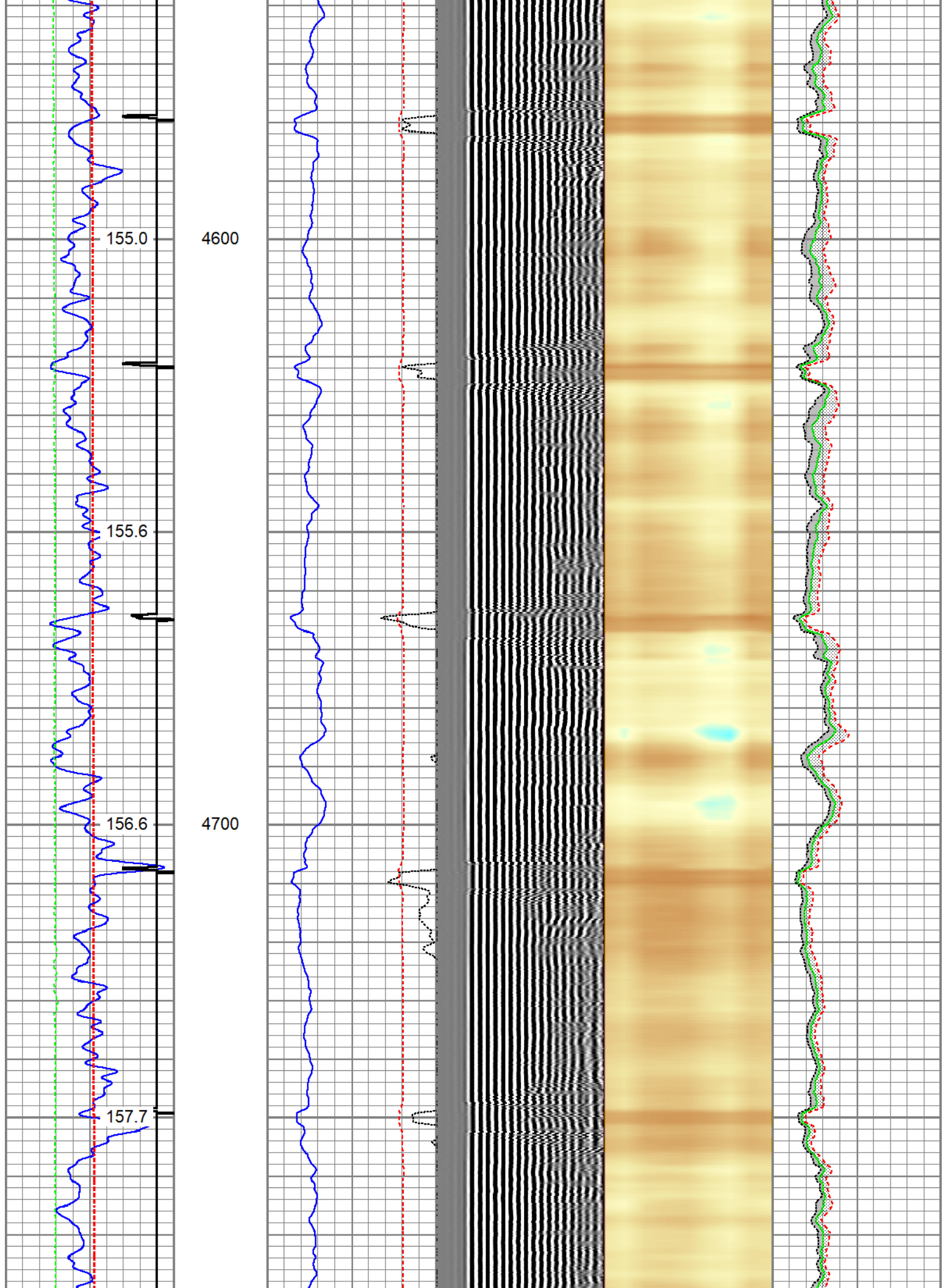




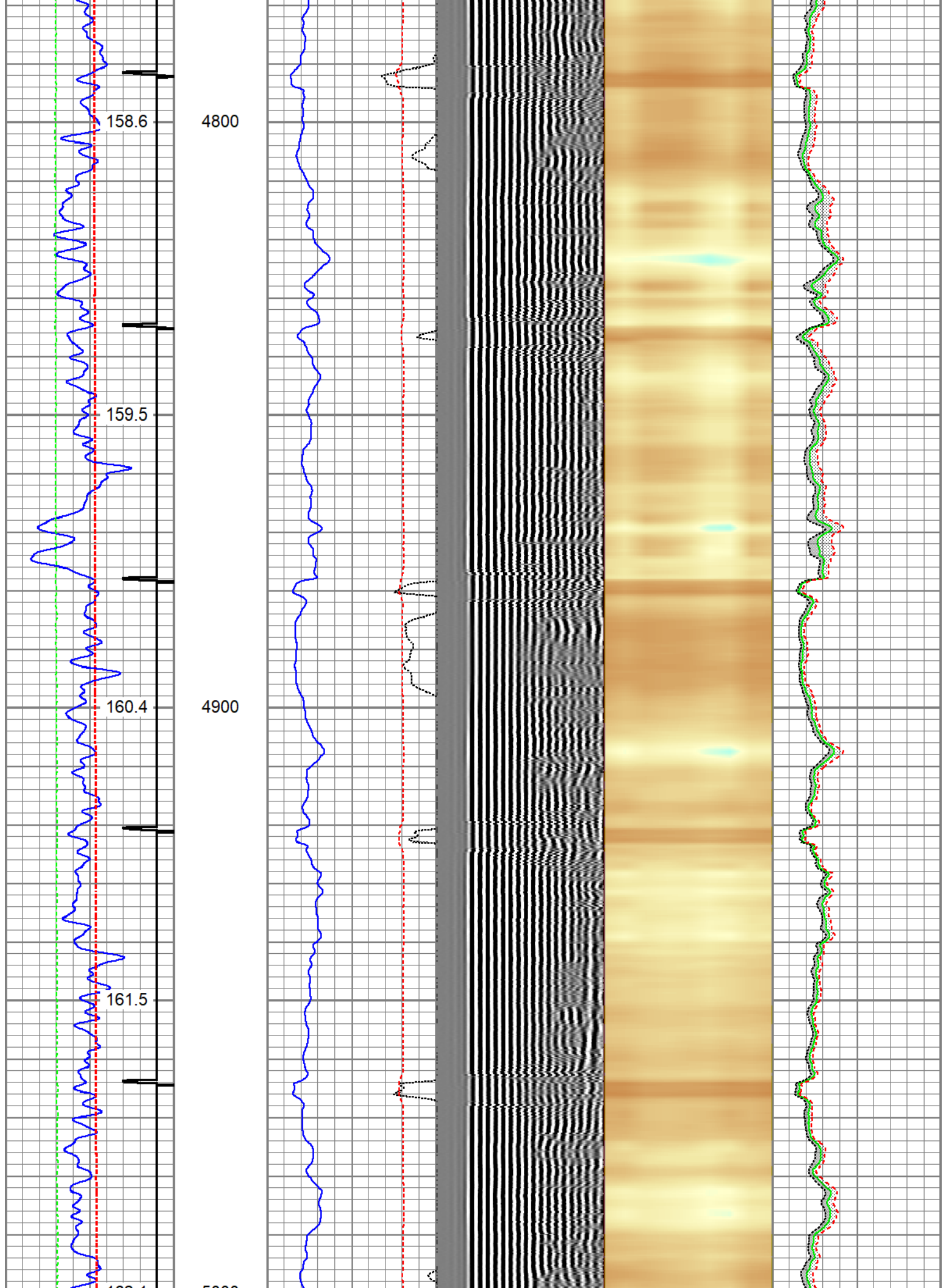




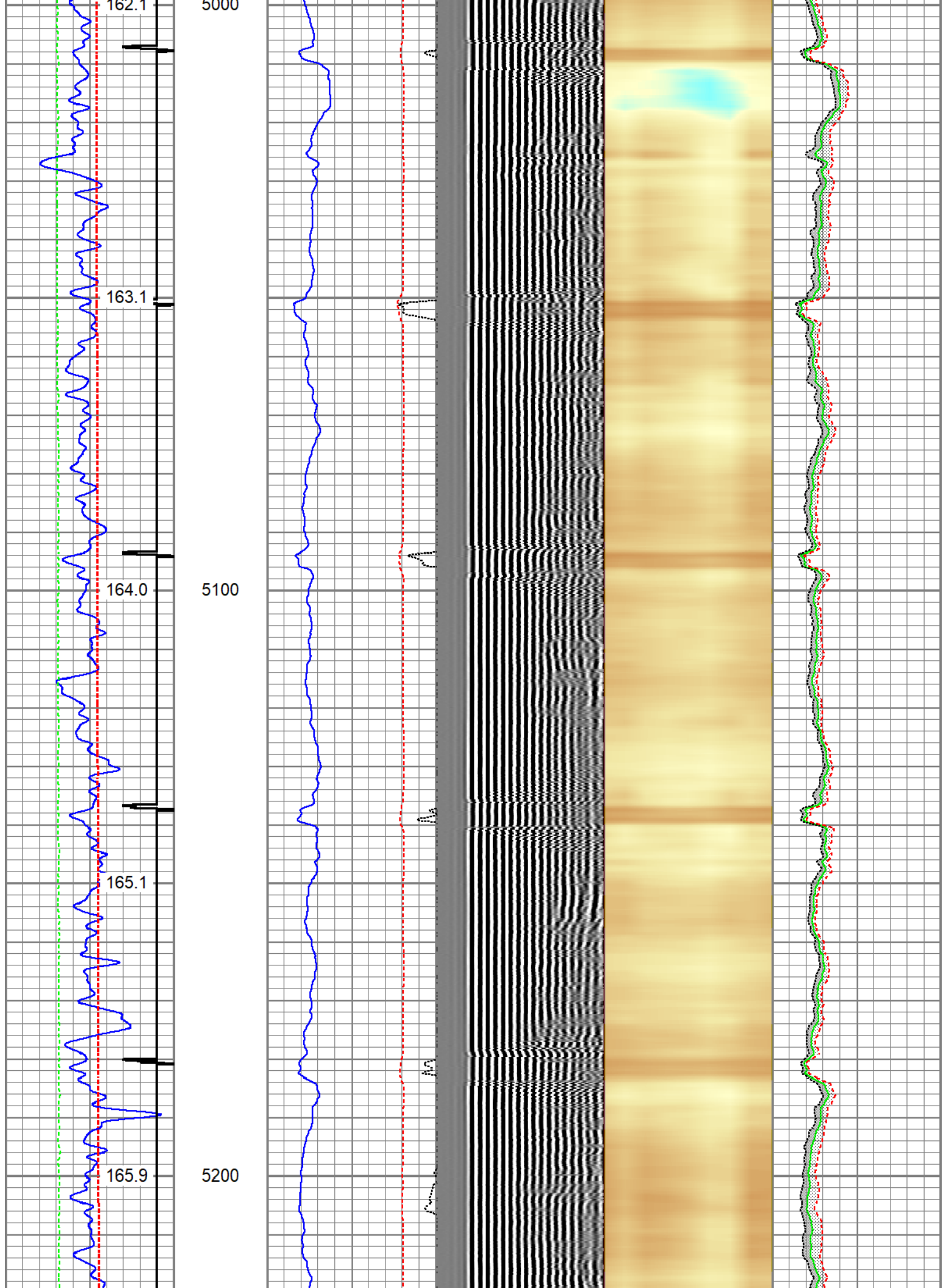


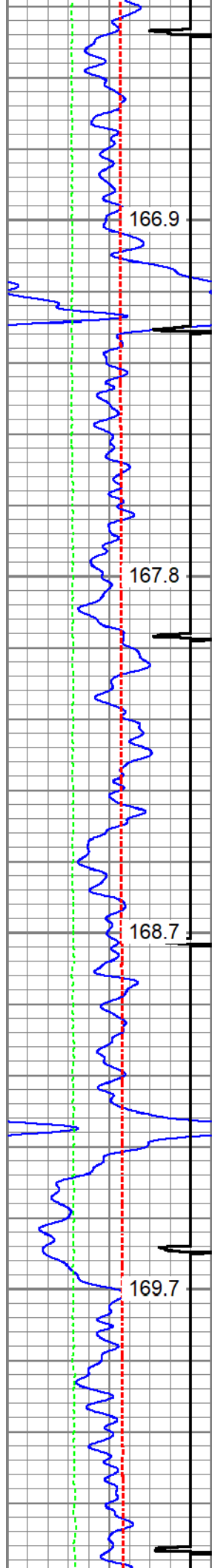






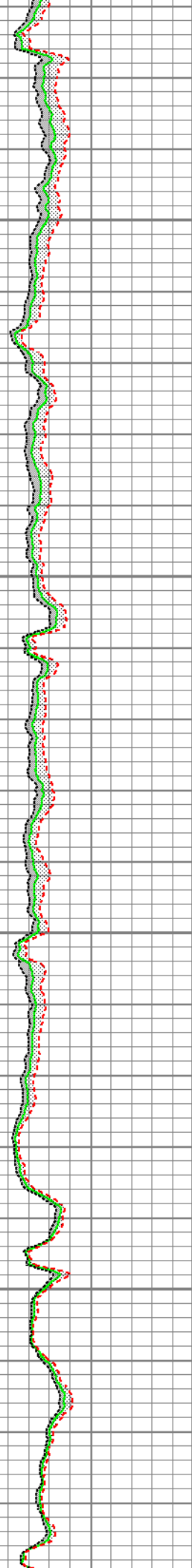
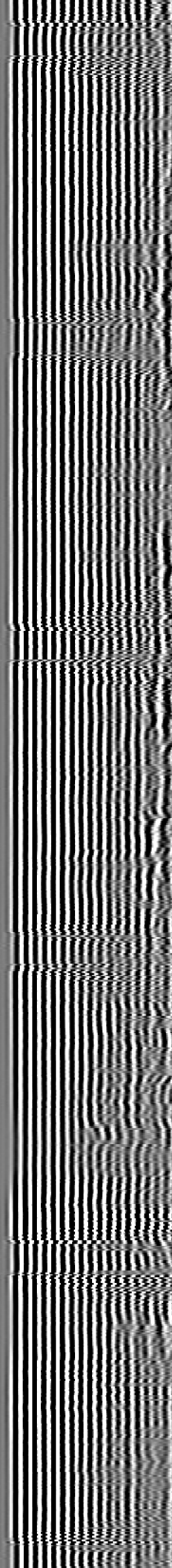
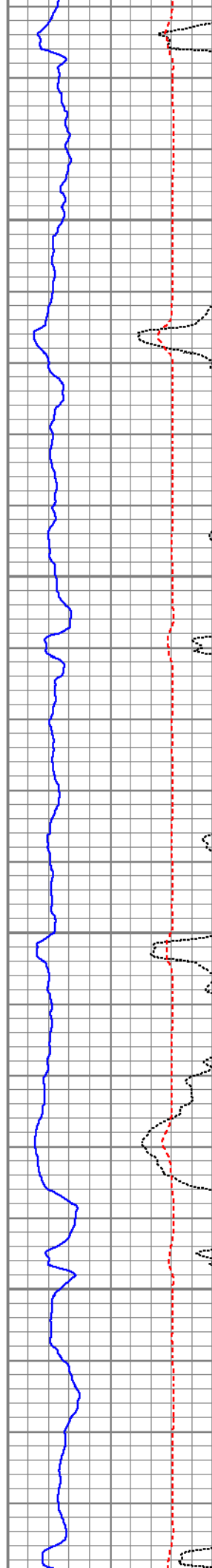


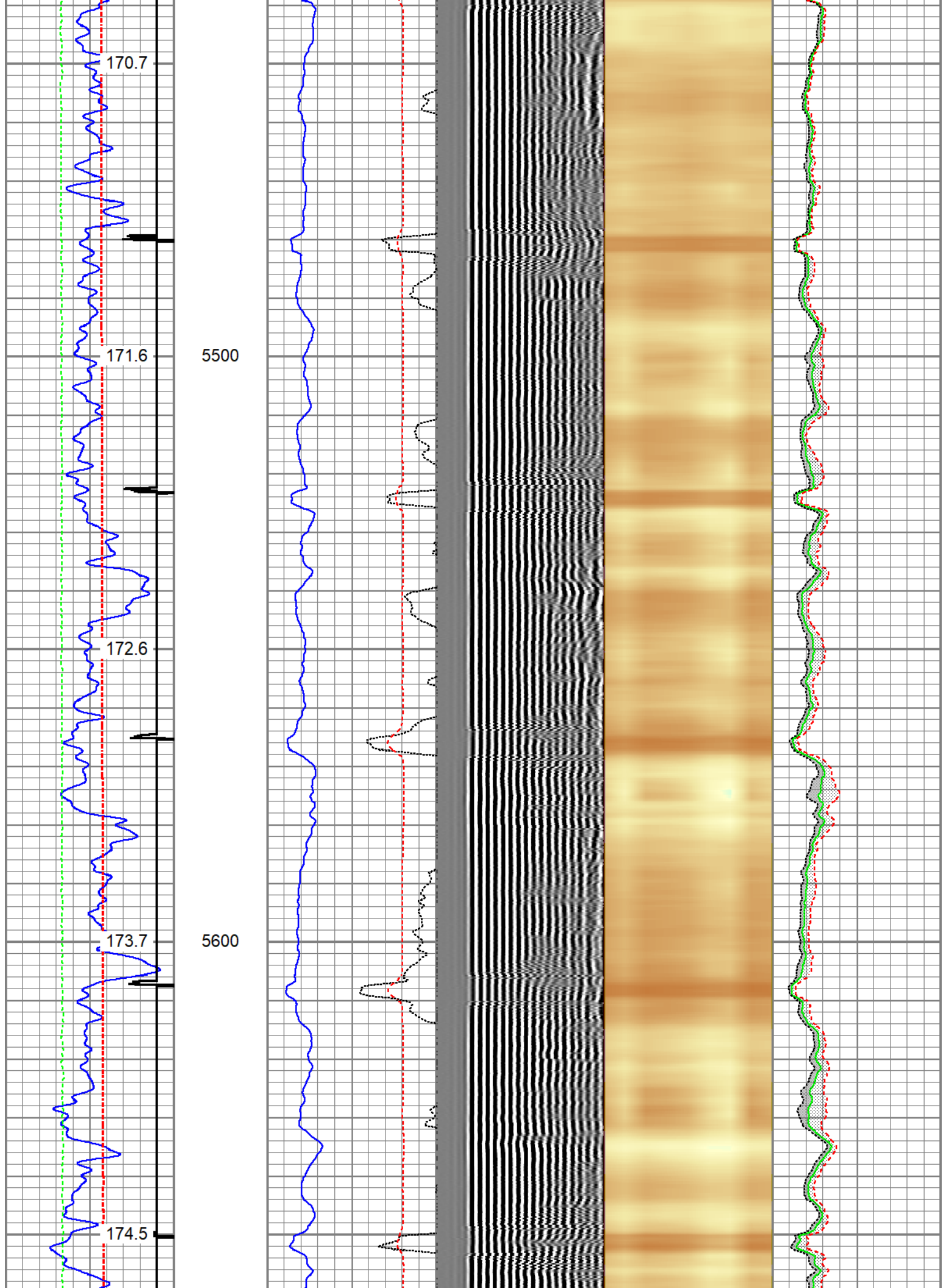




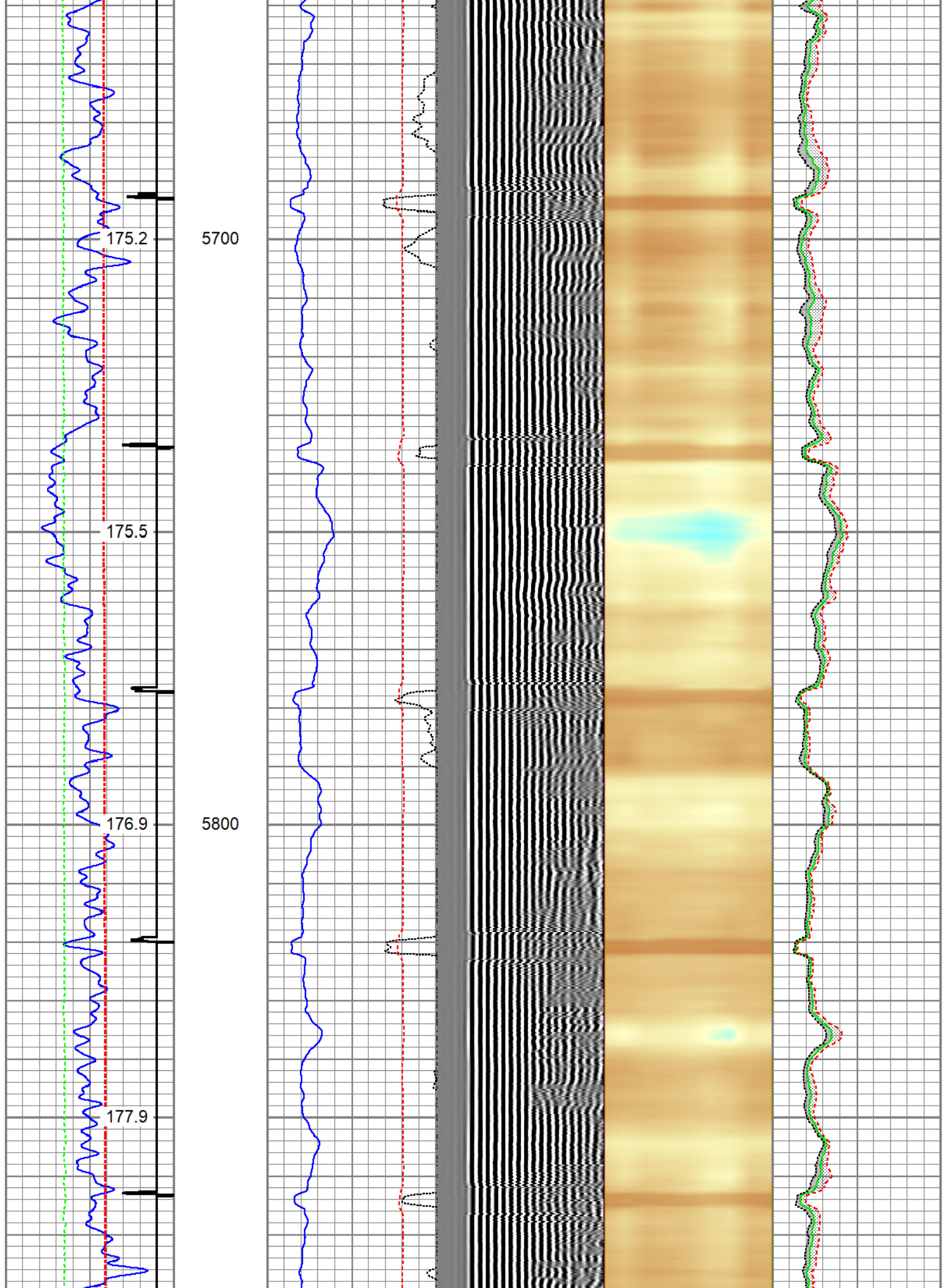
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5400

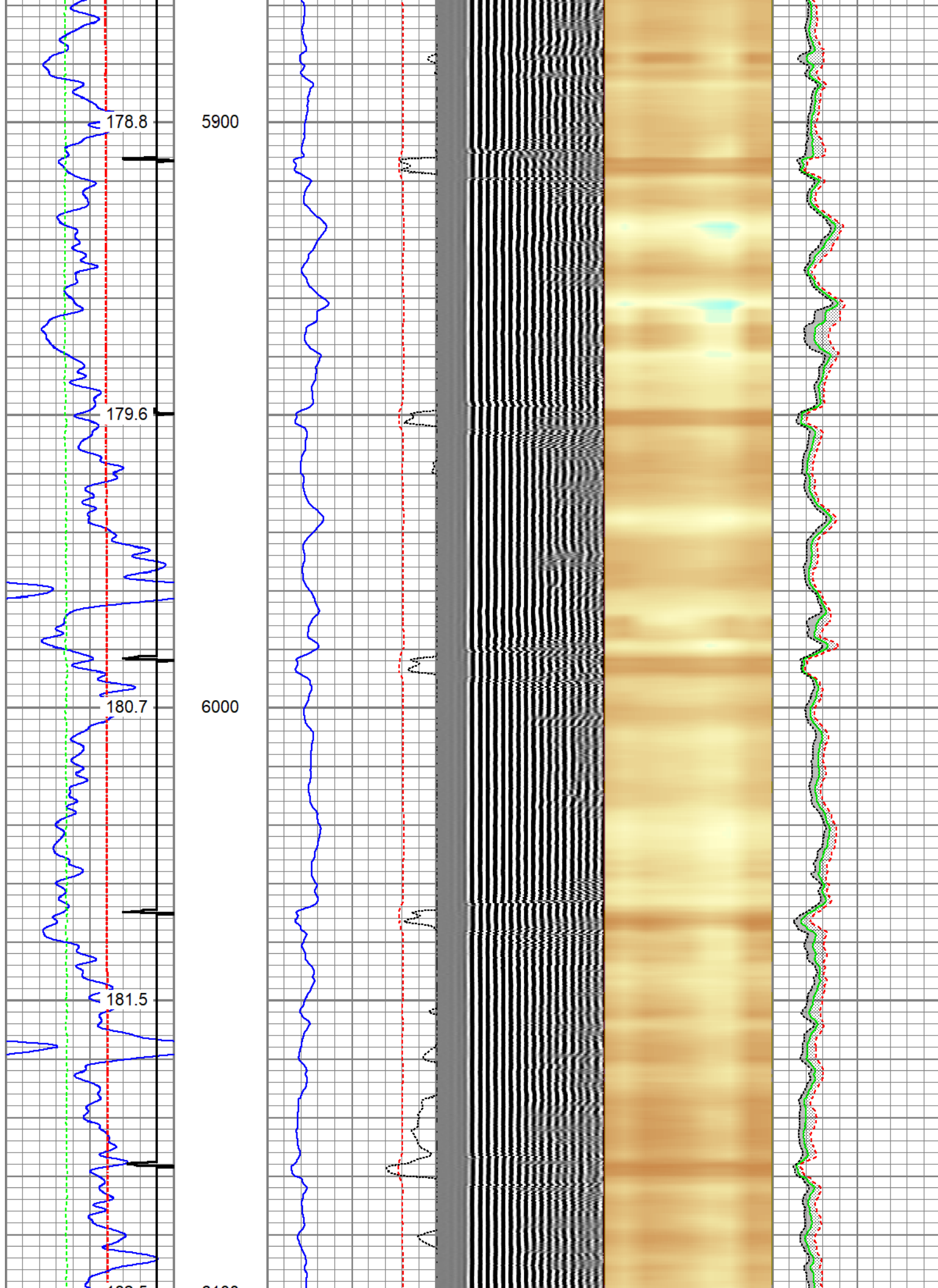


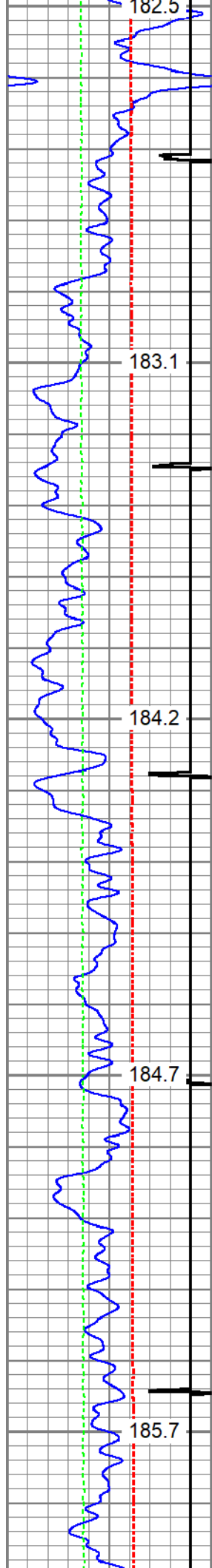












6100

183.1

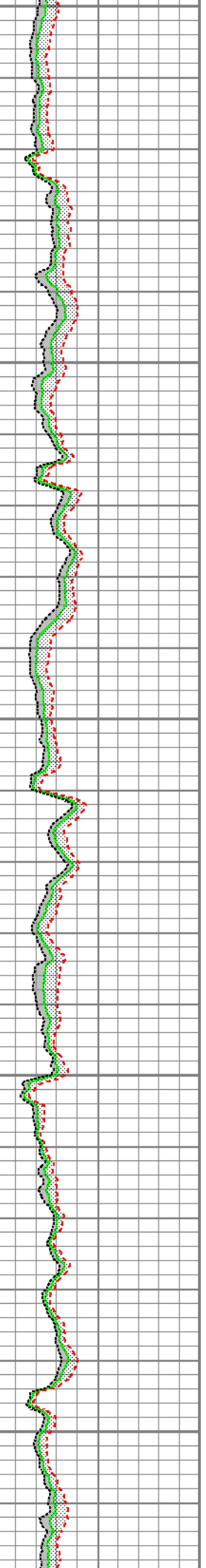
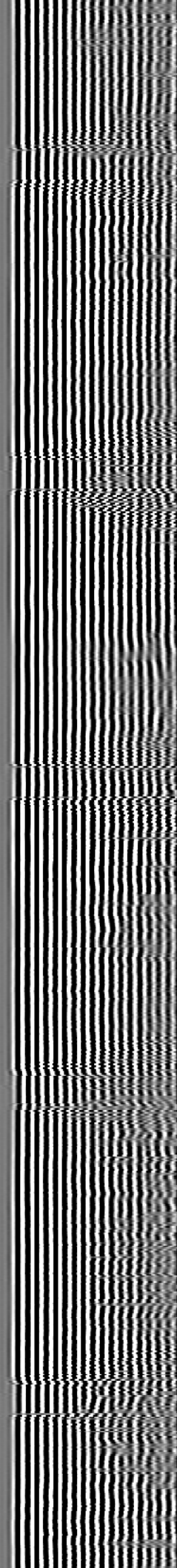
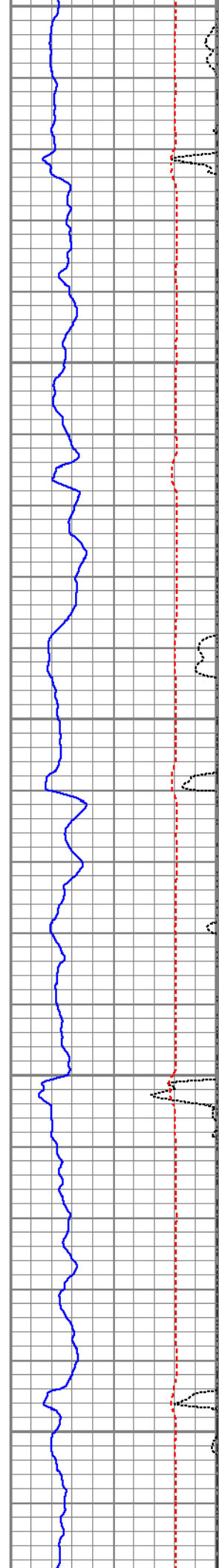
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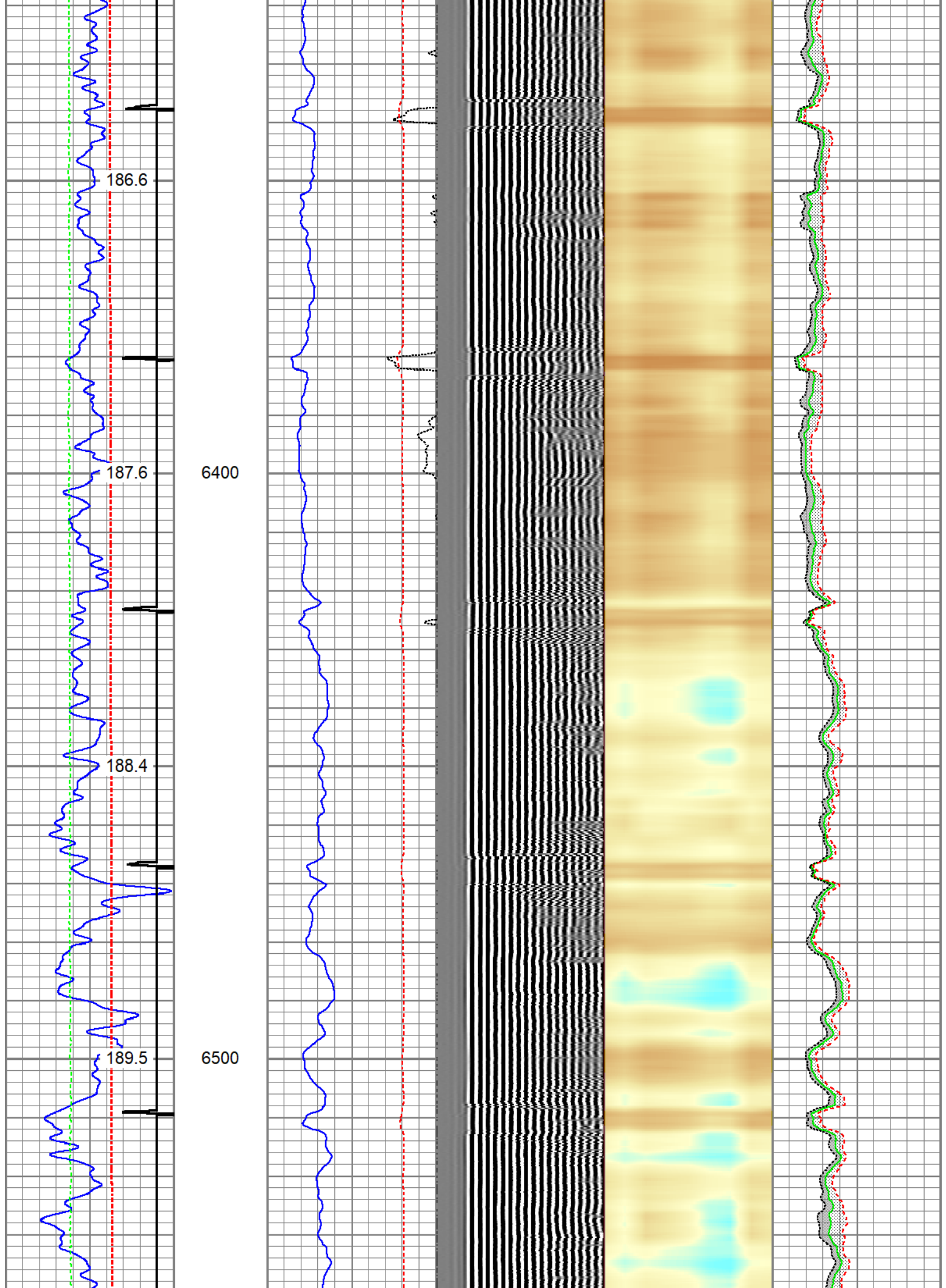
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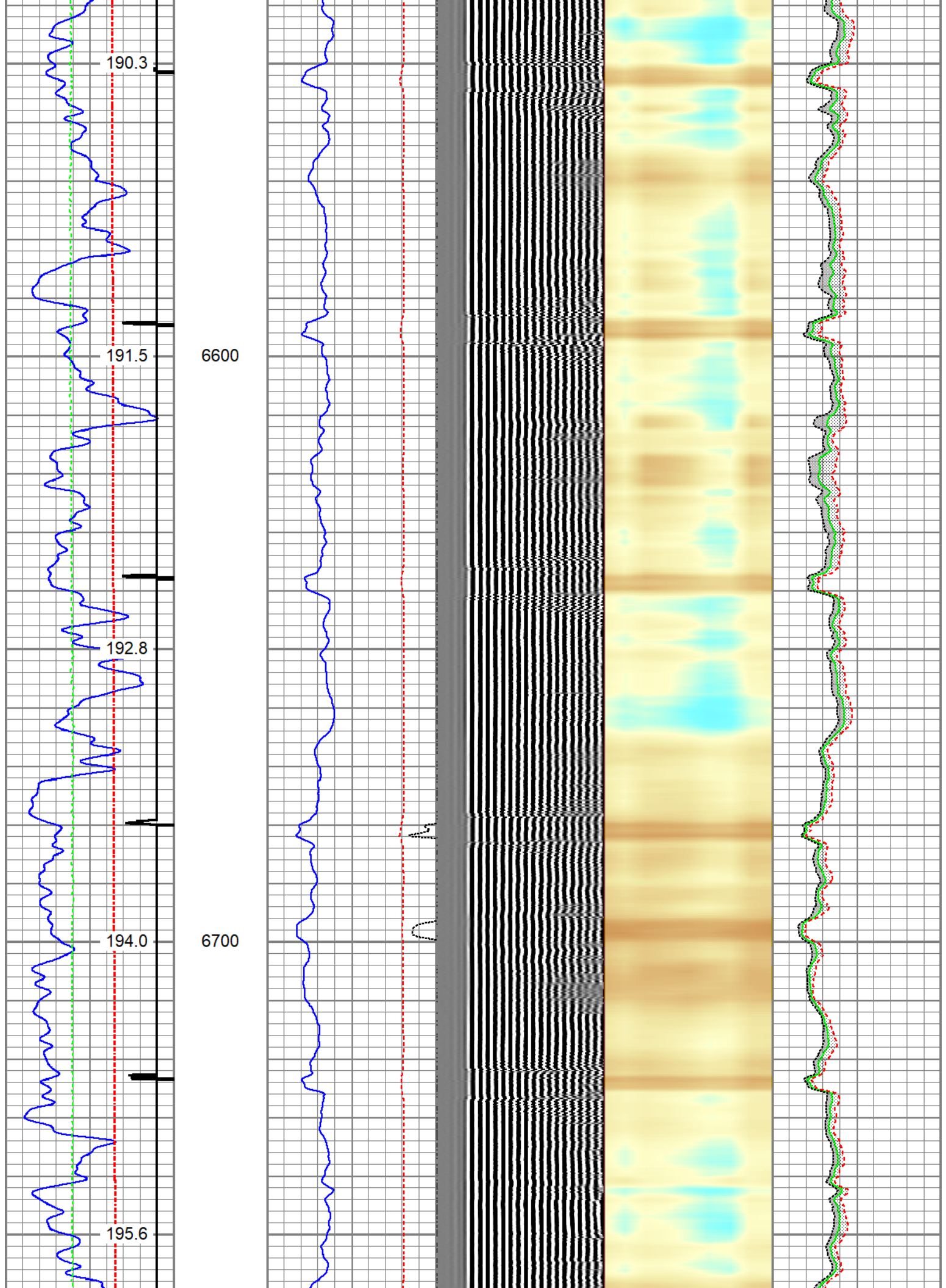
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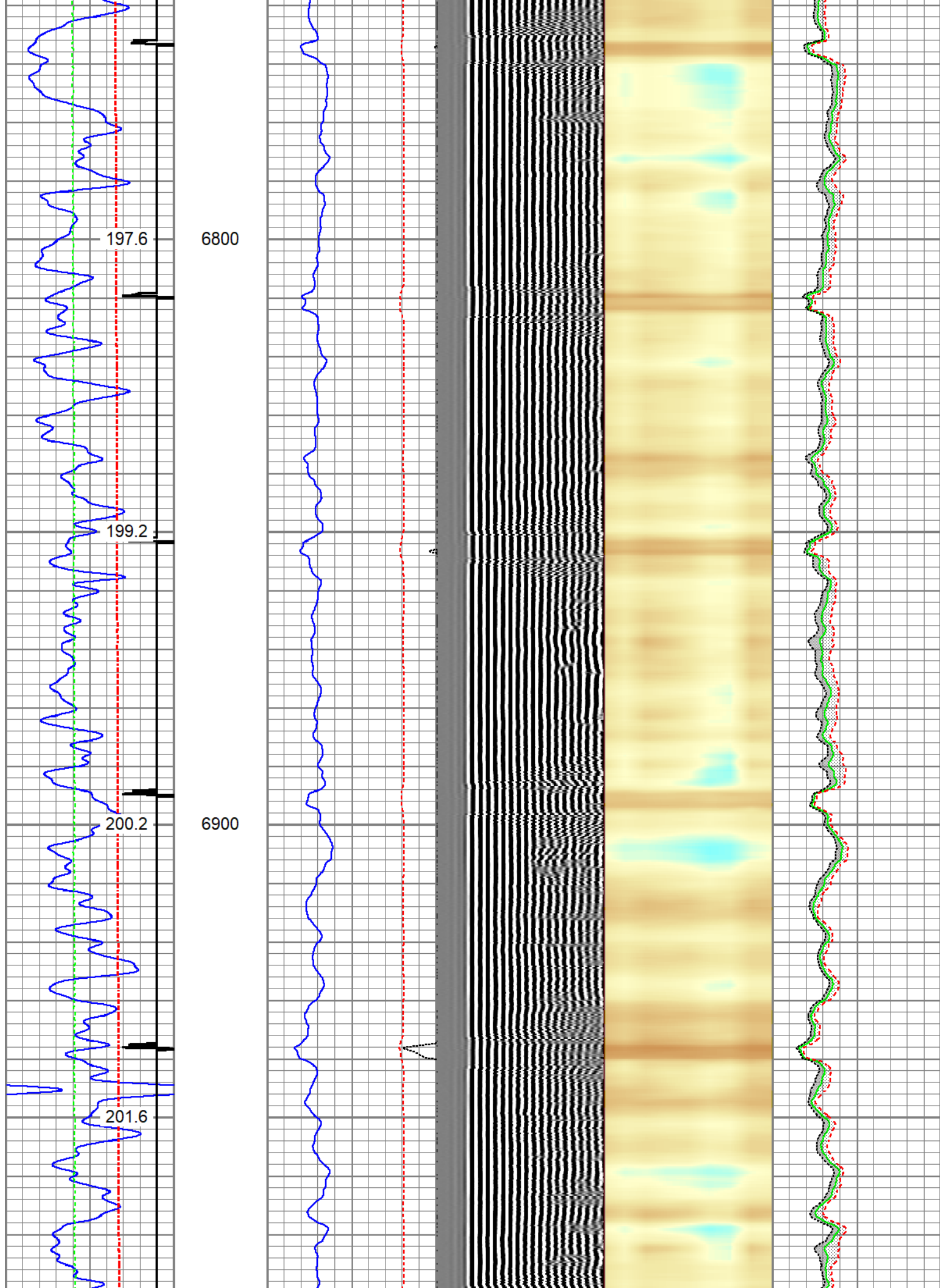


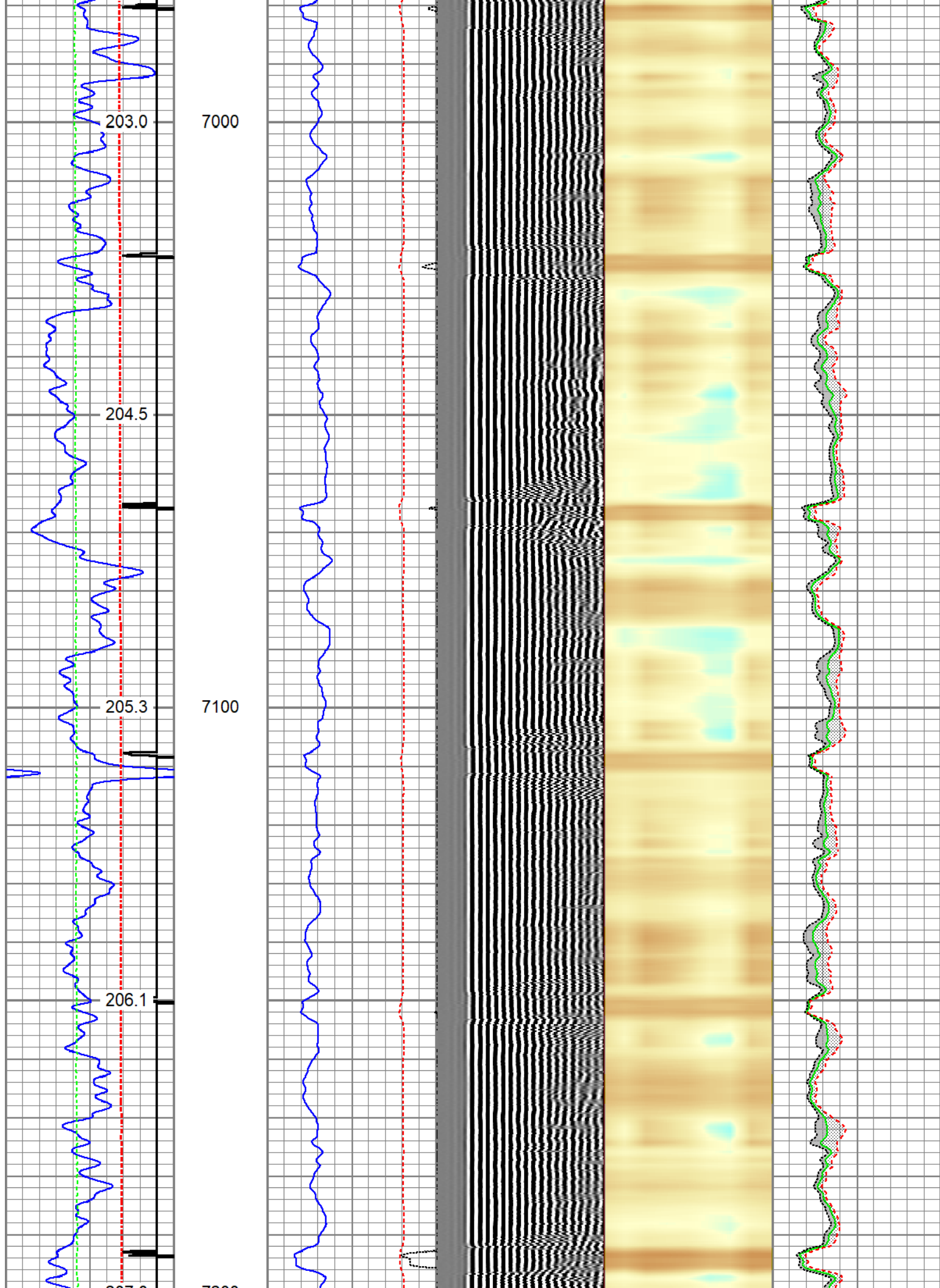


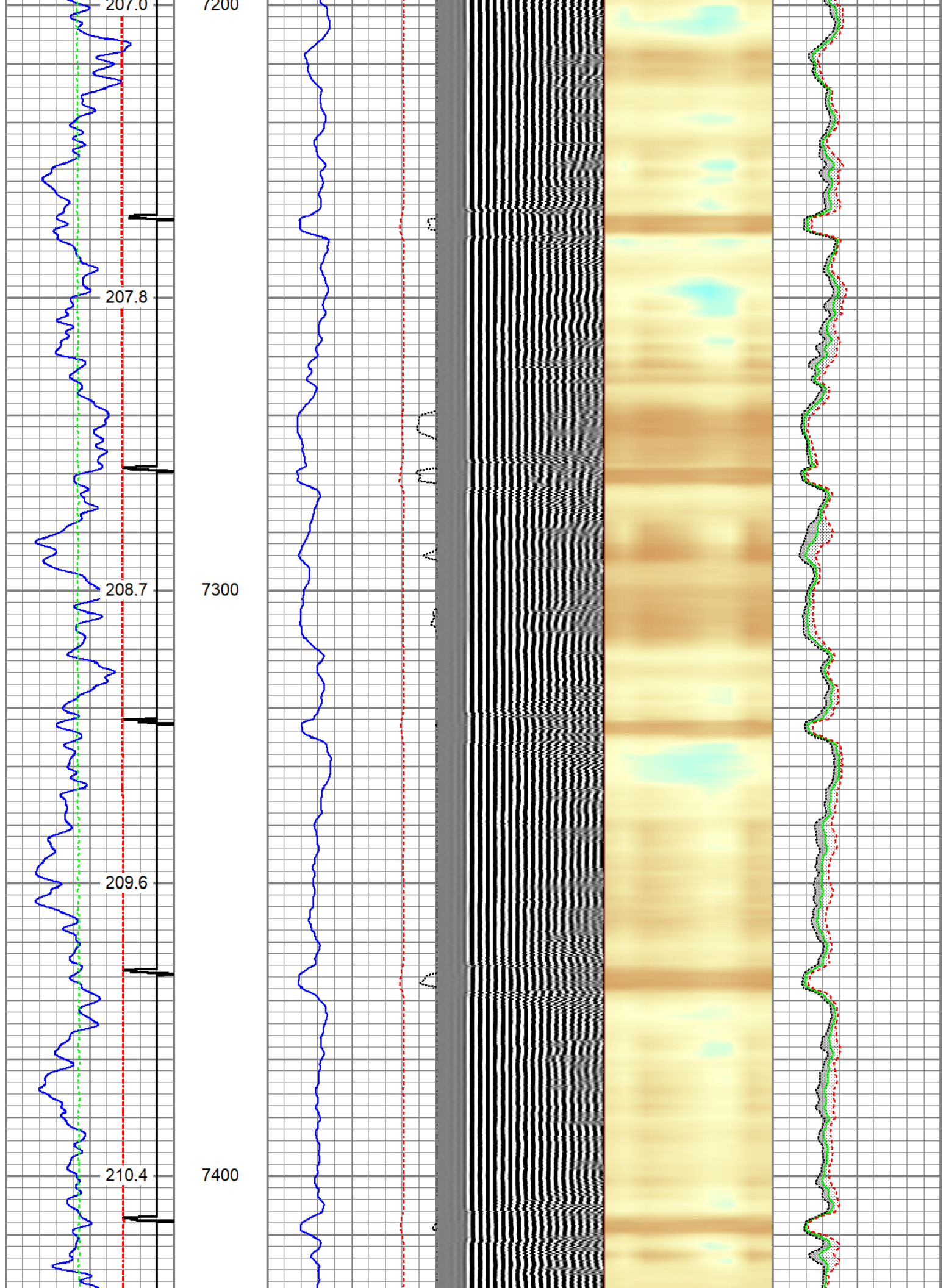




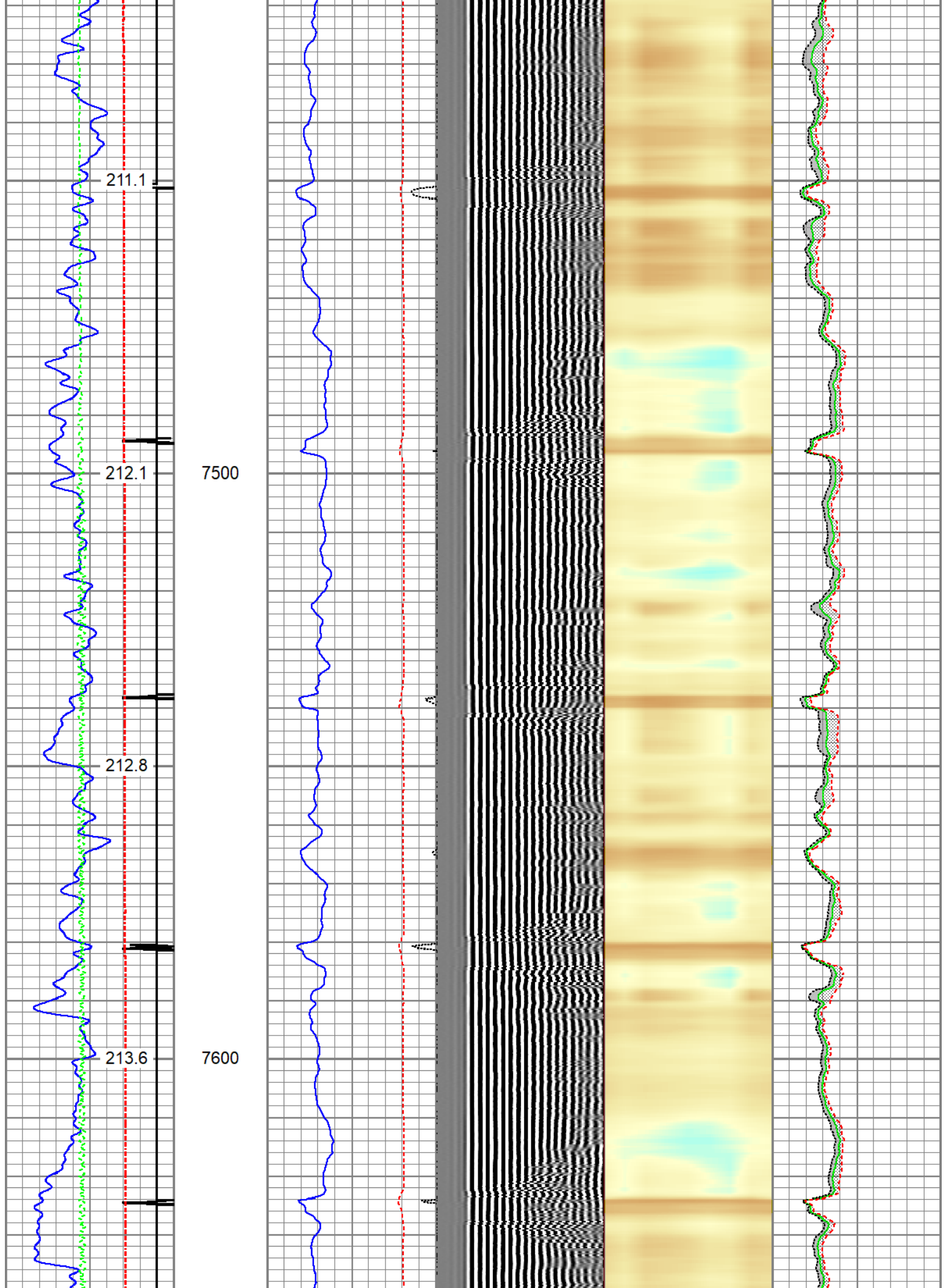




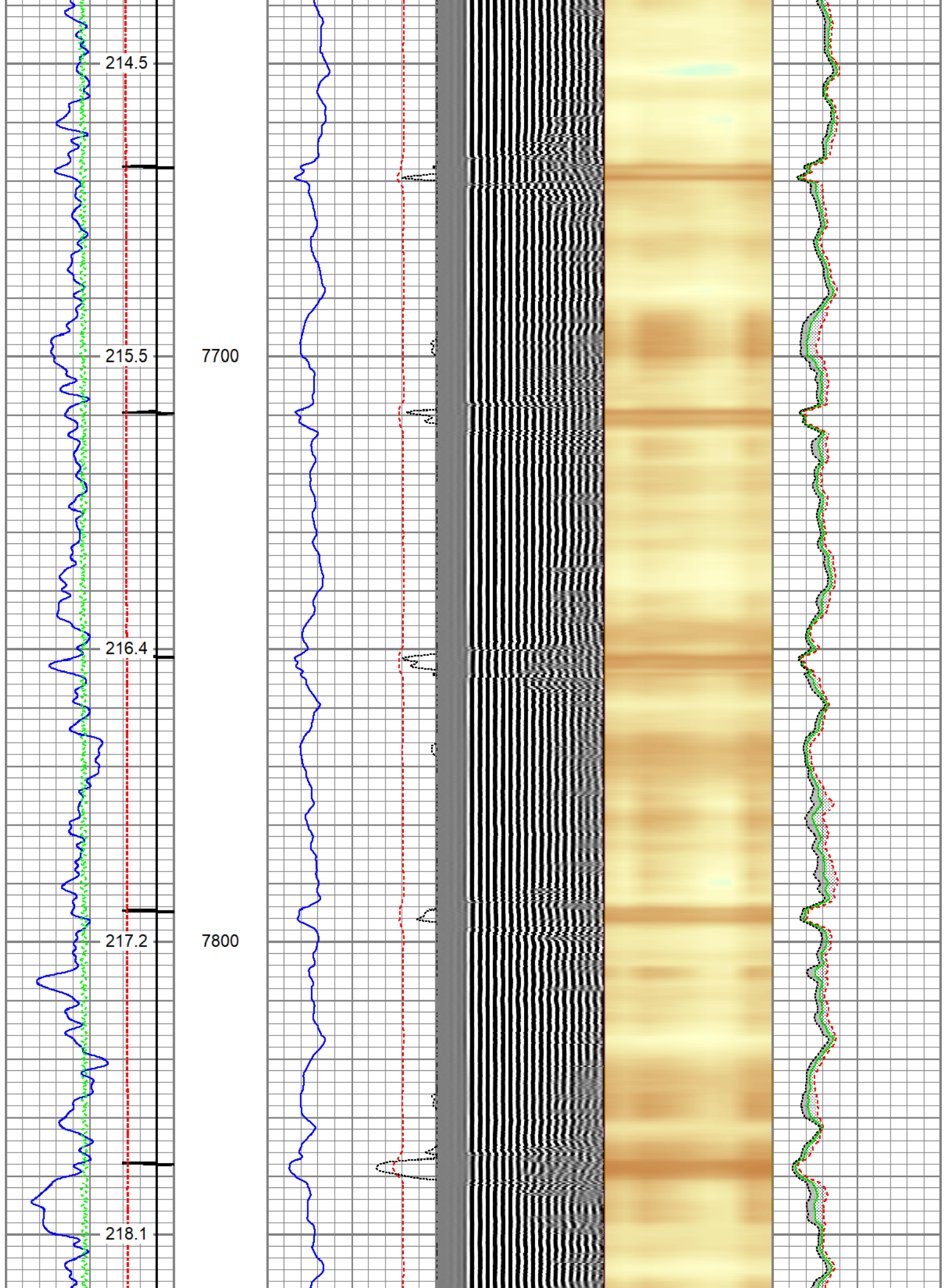


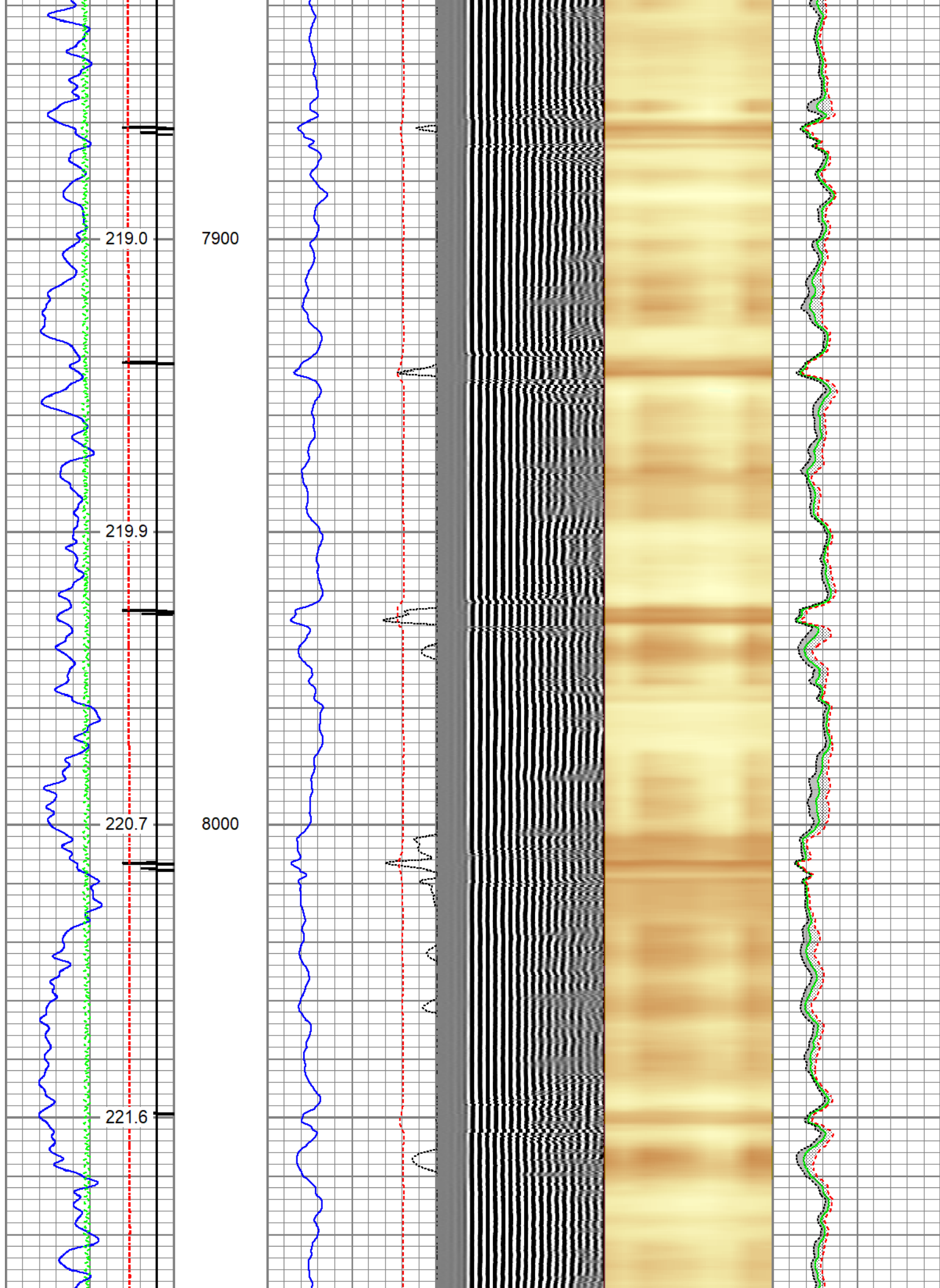


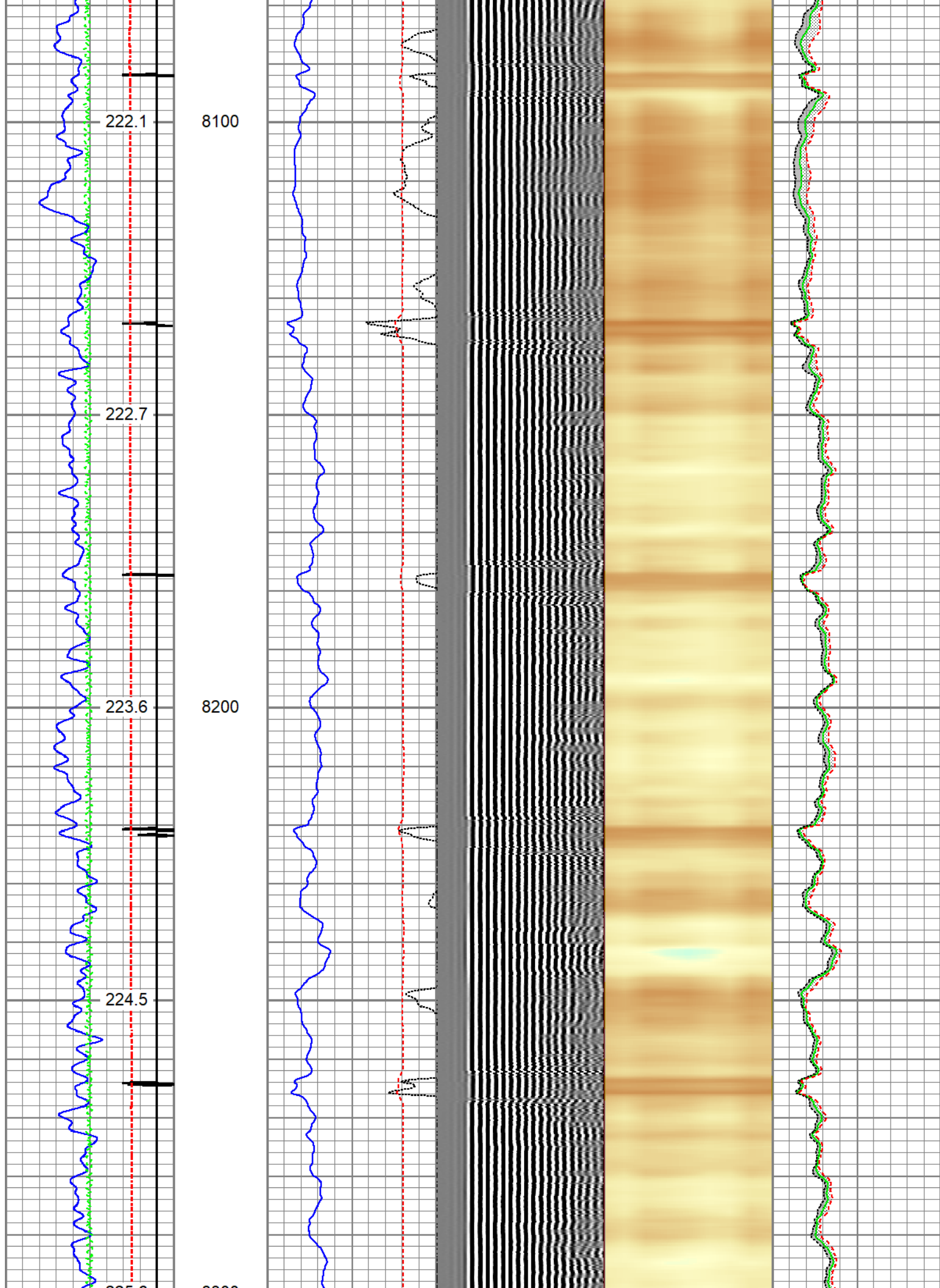




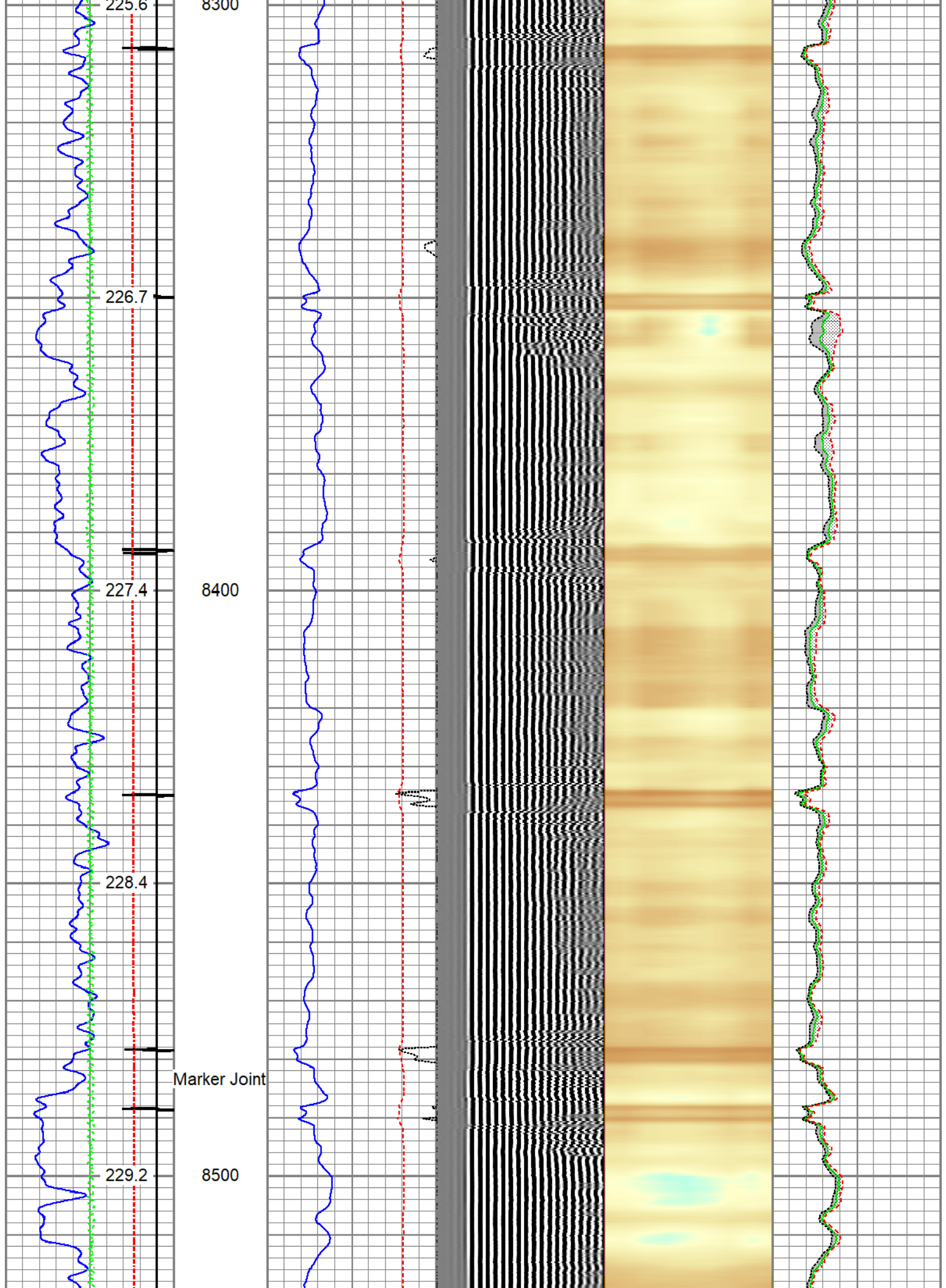


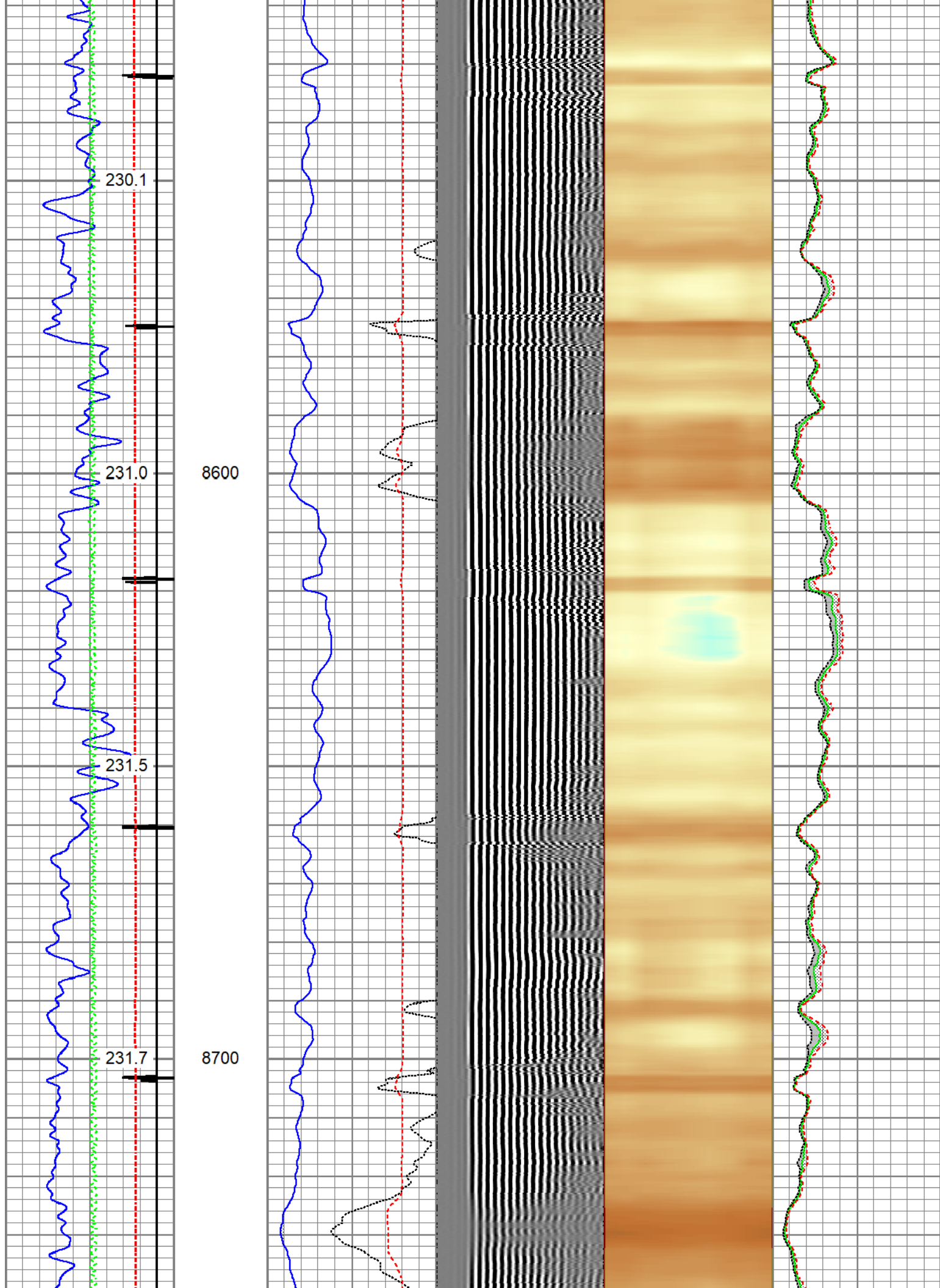


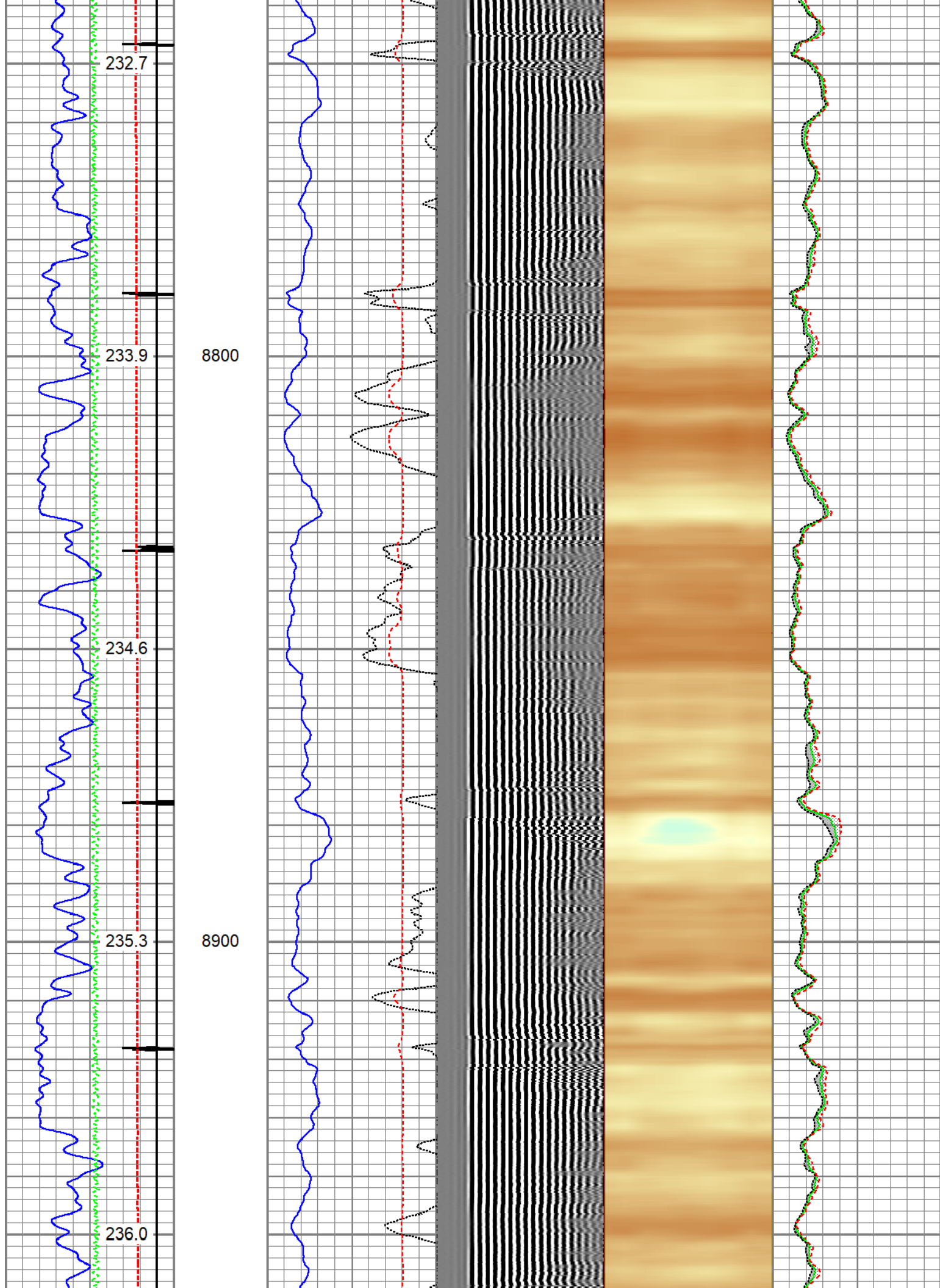




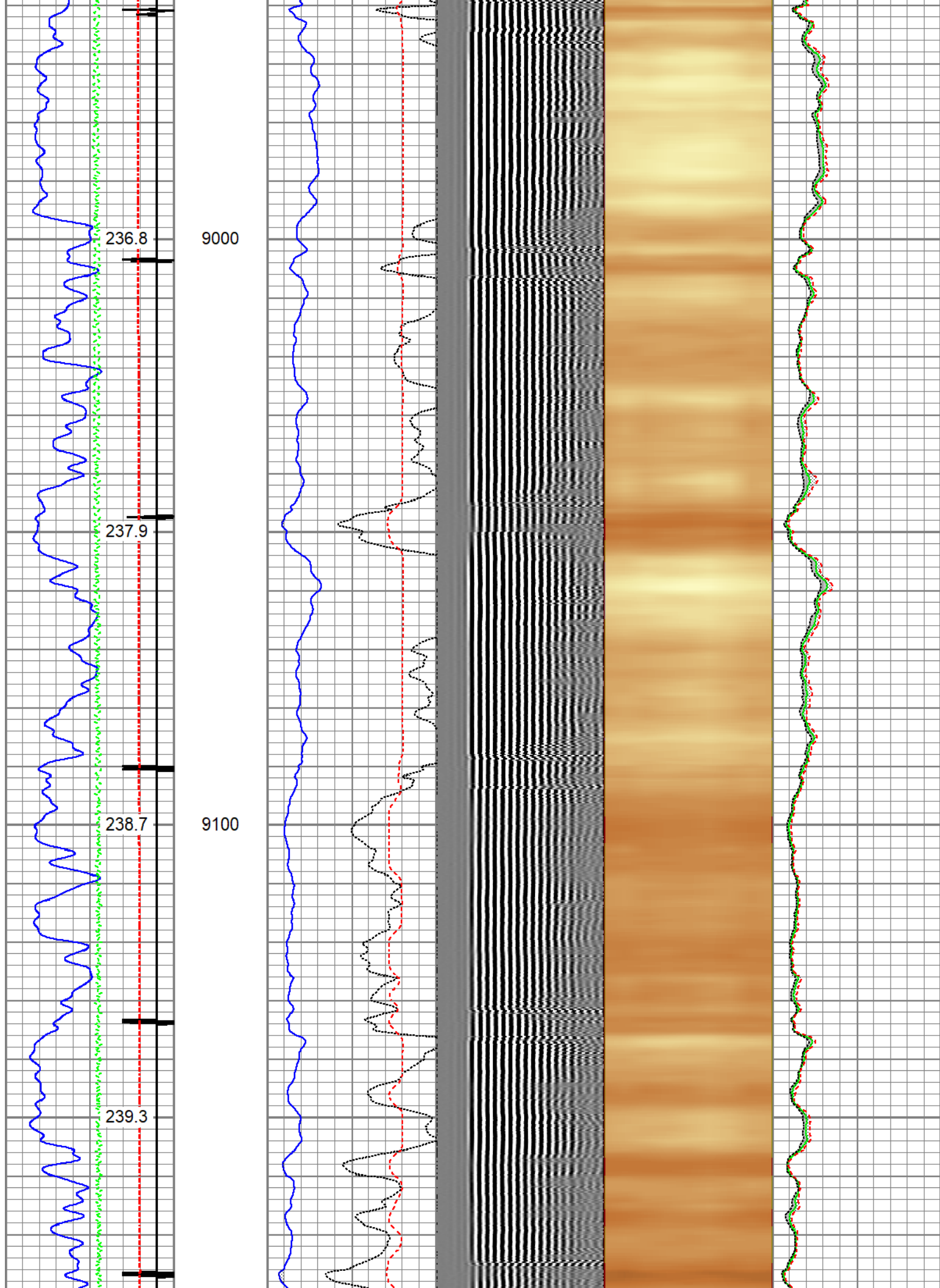


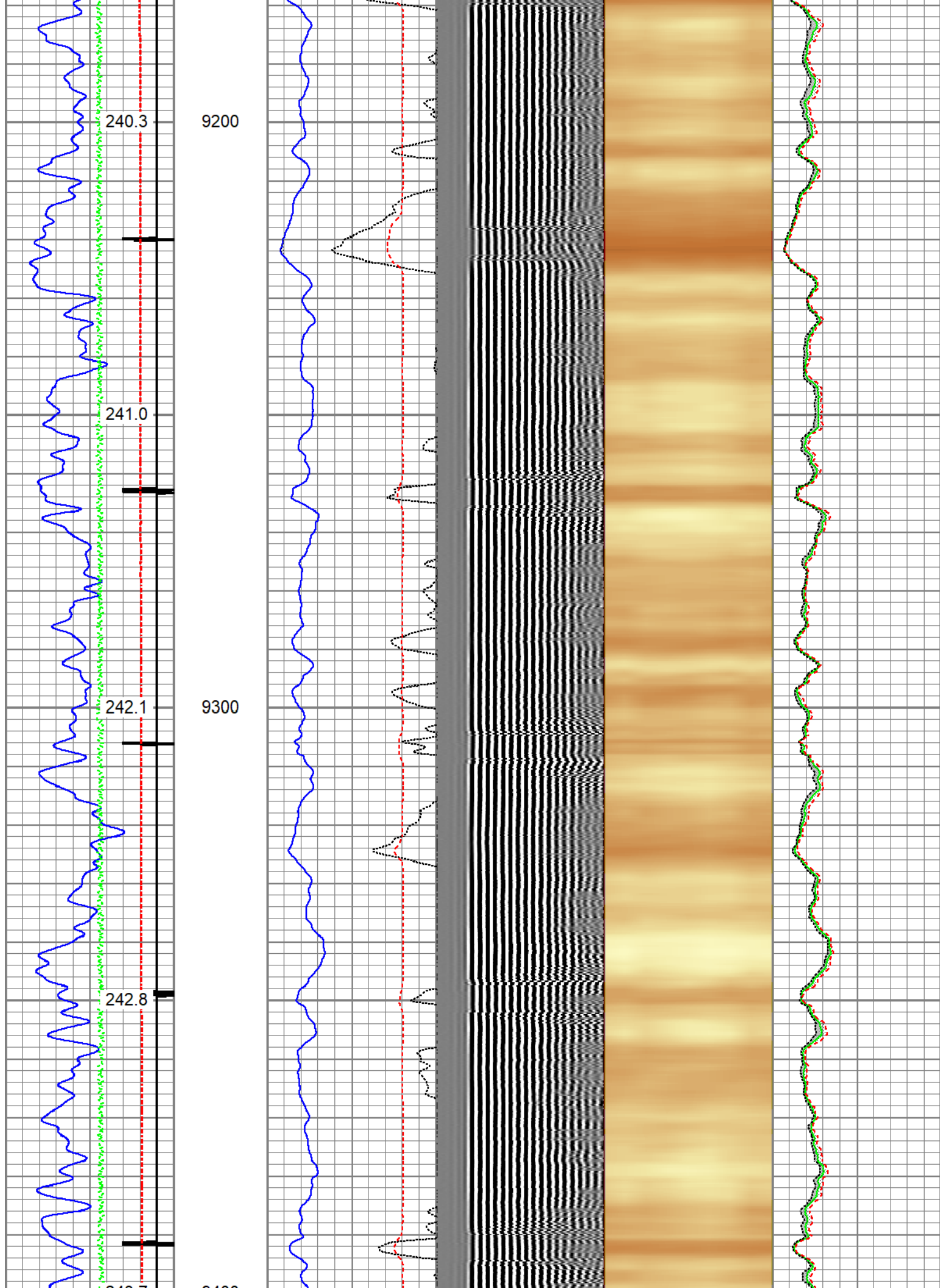


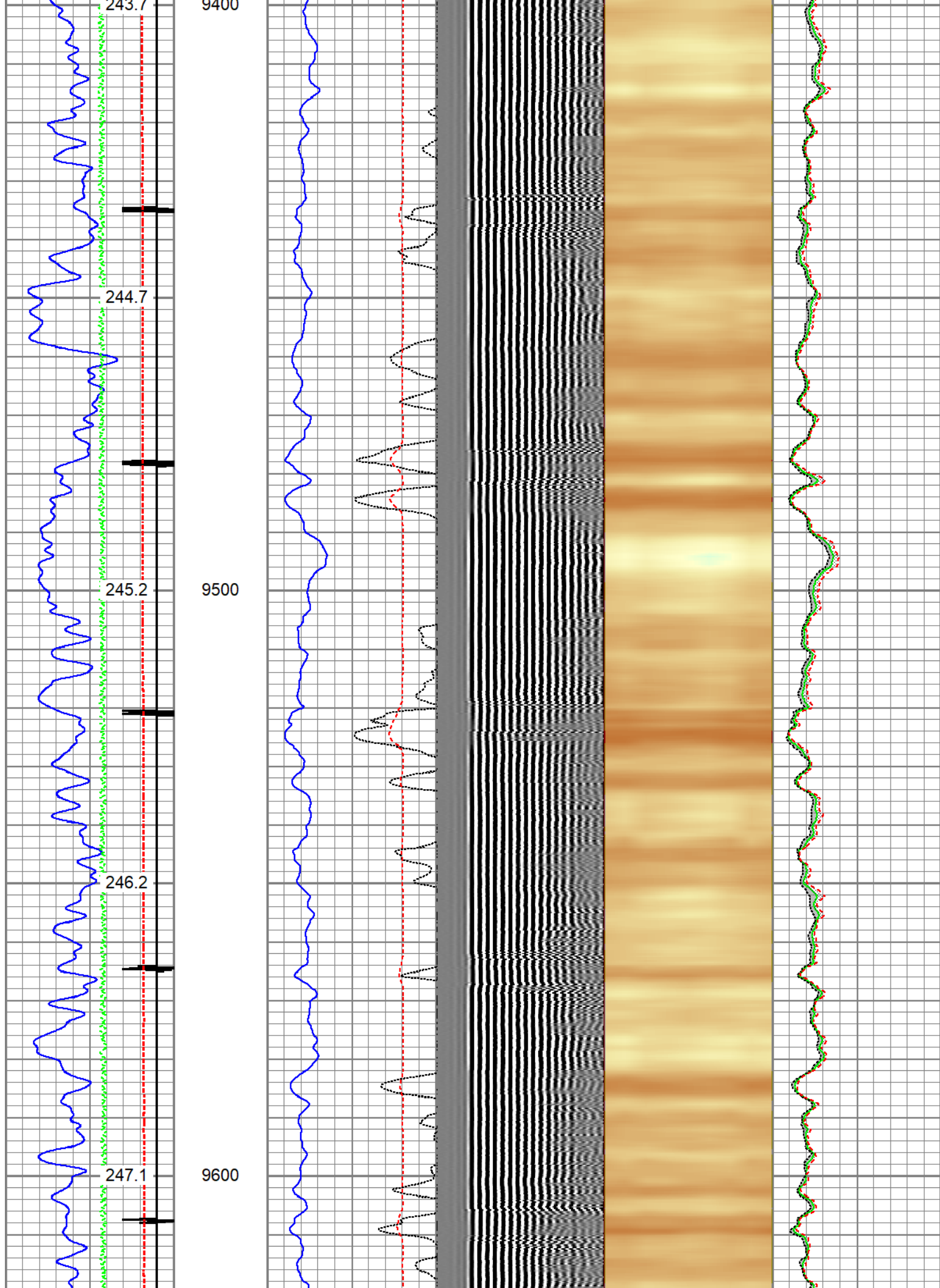




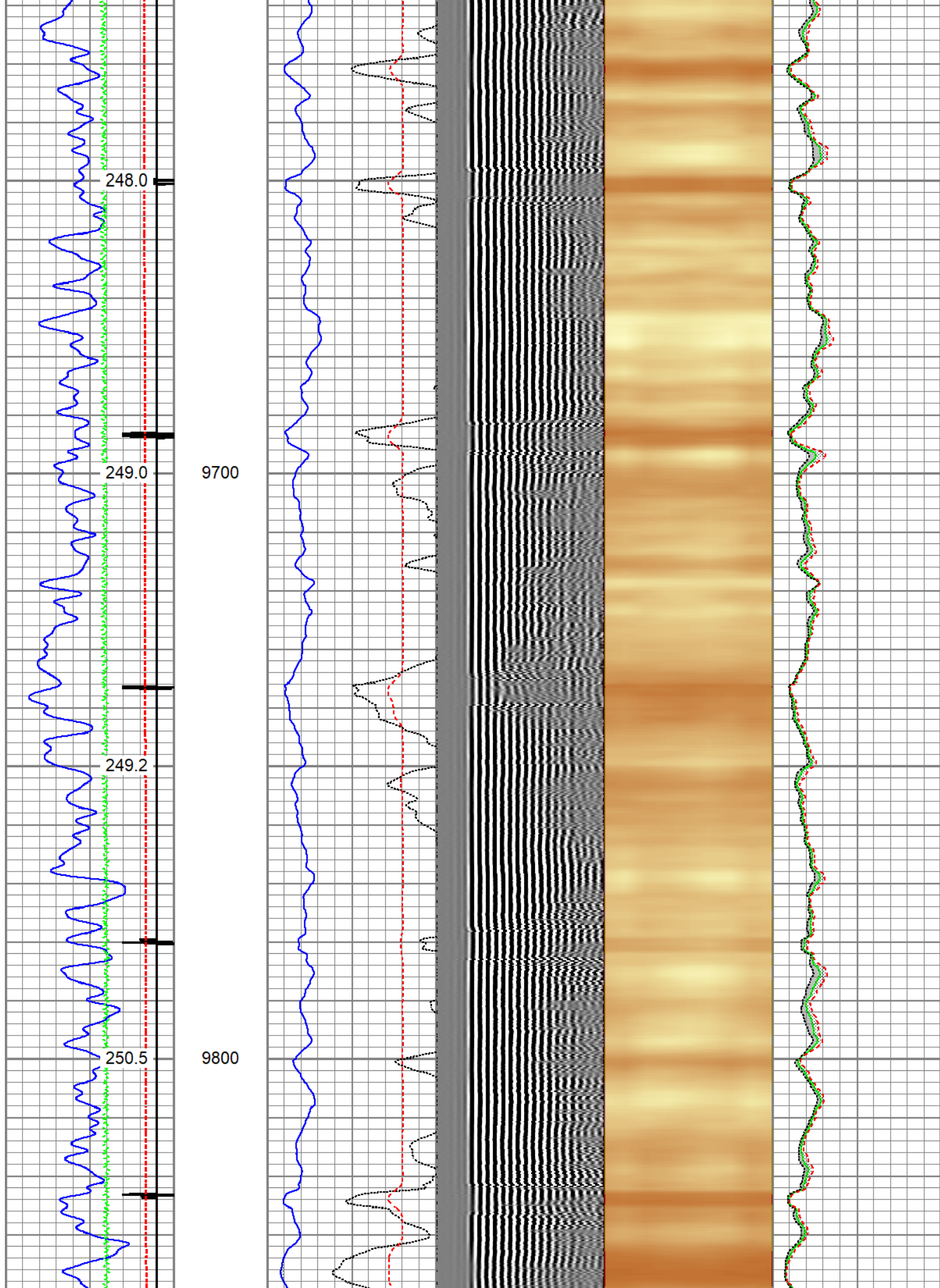


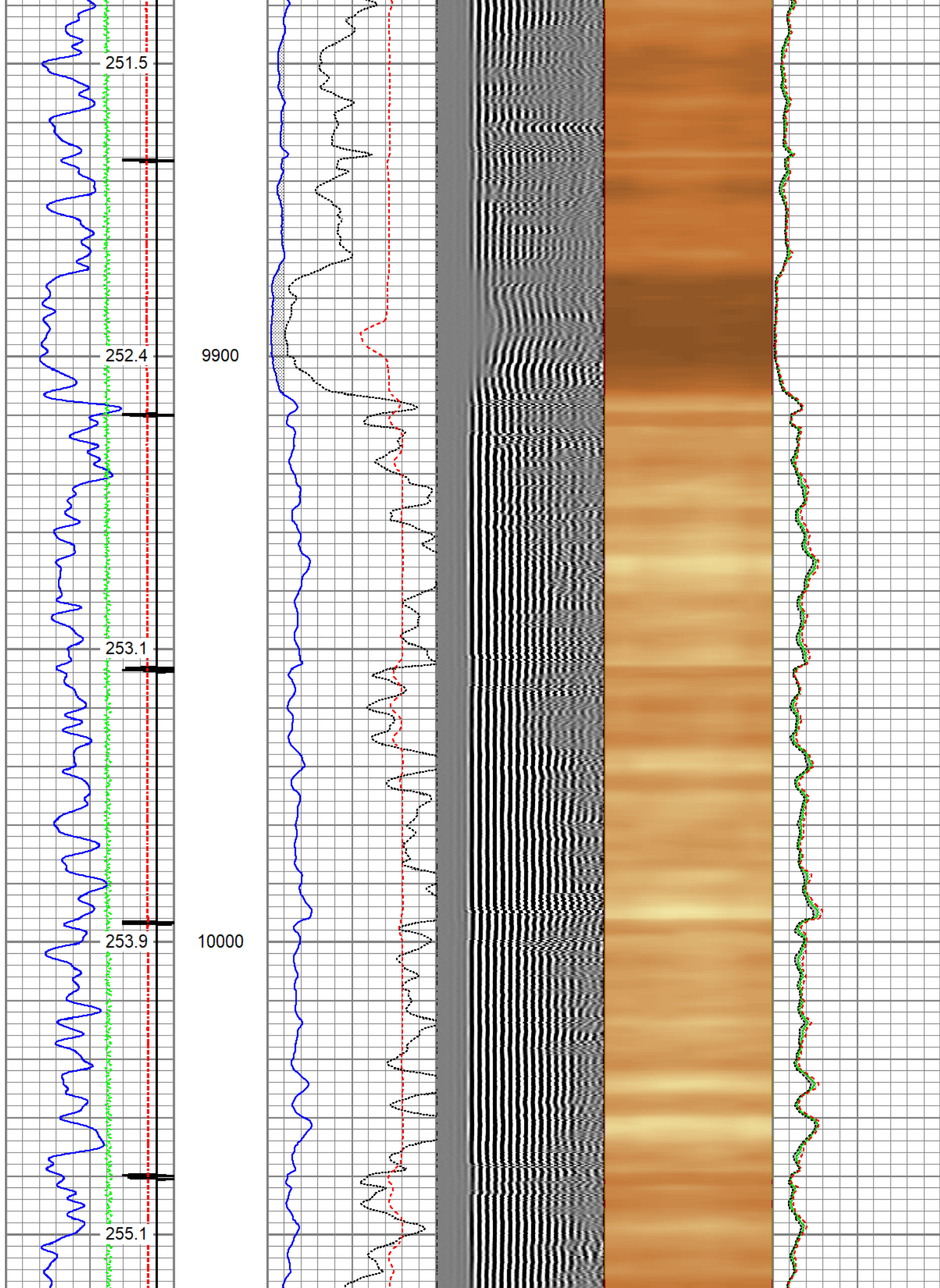


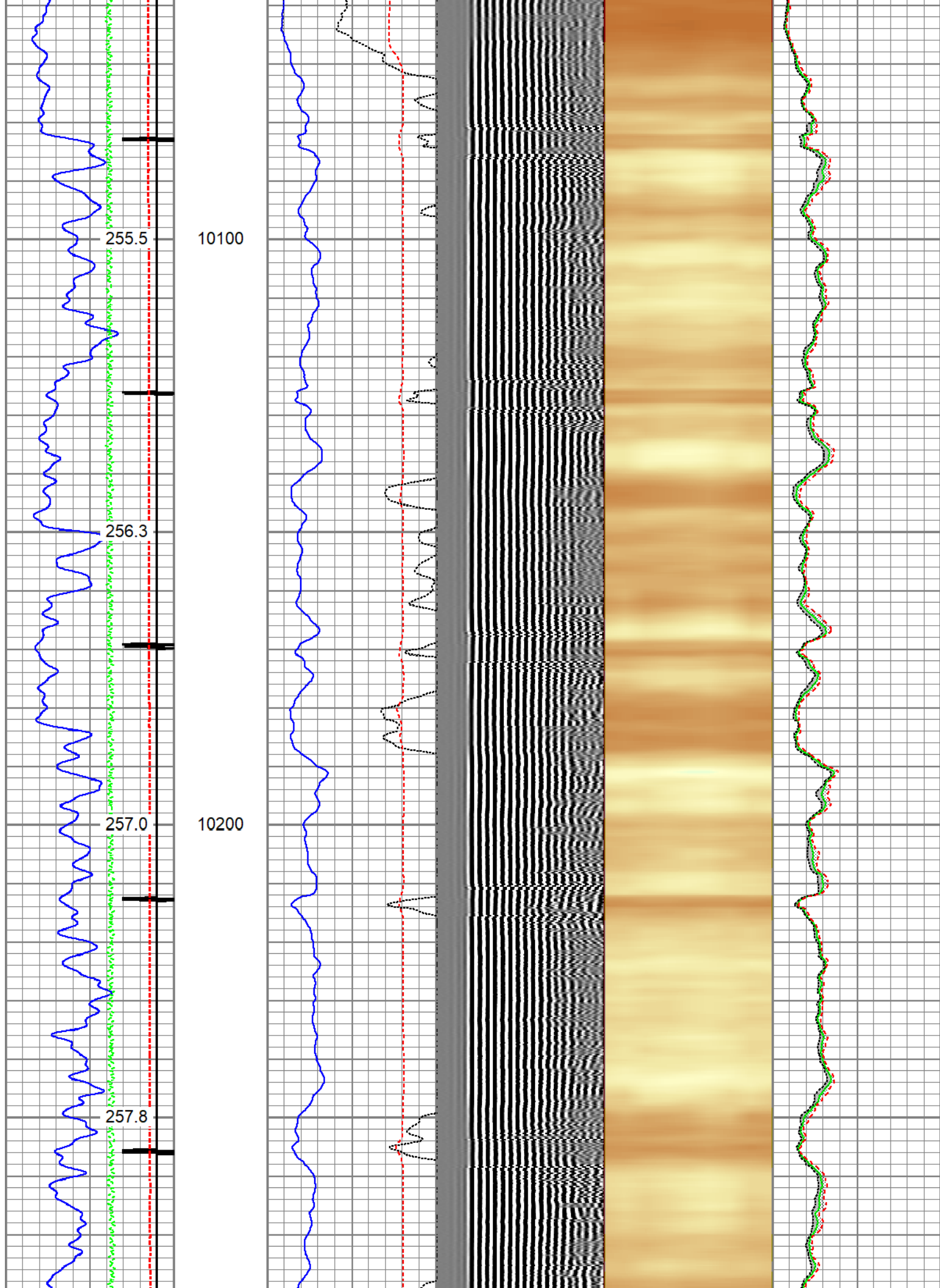




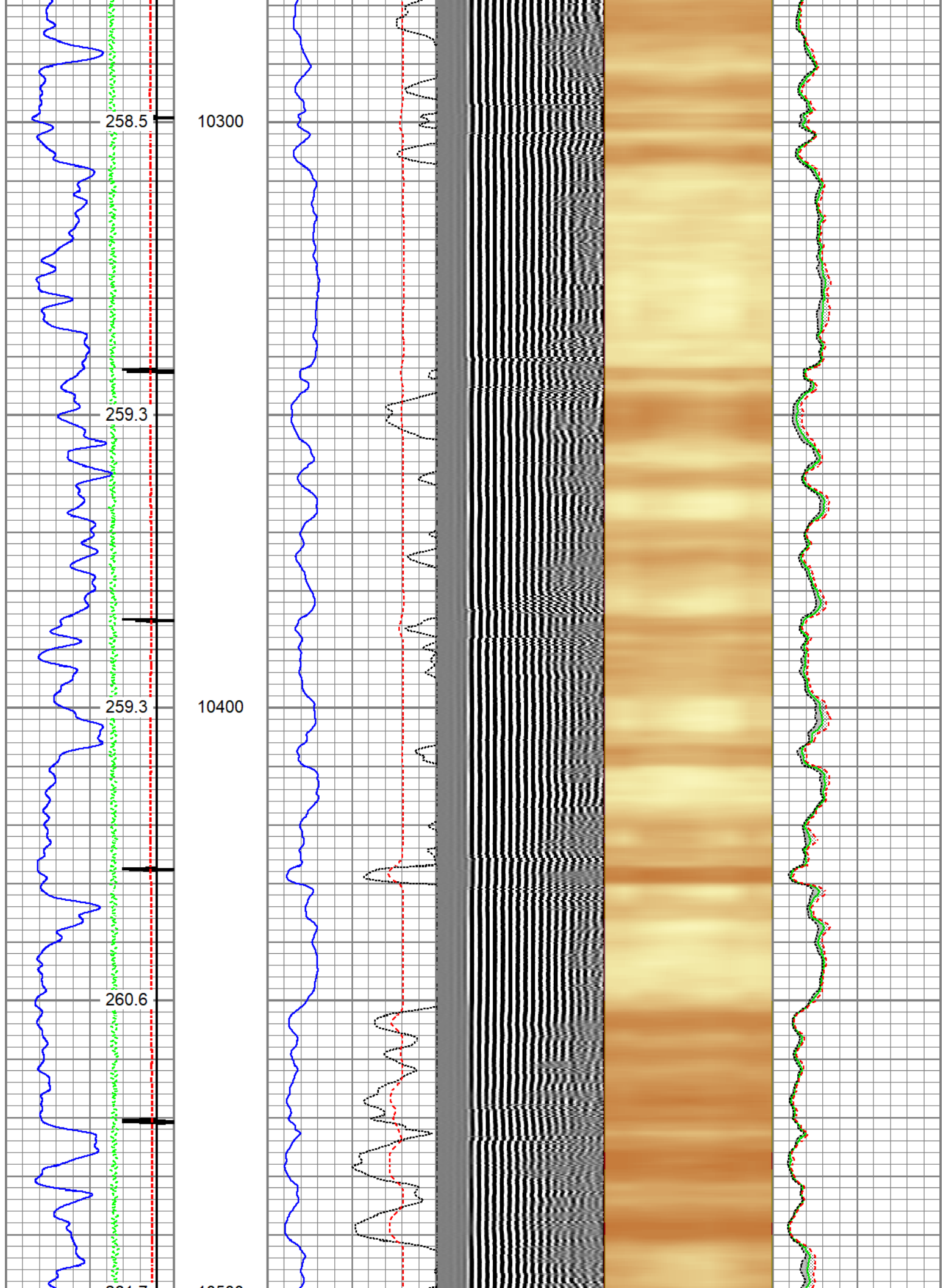


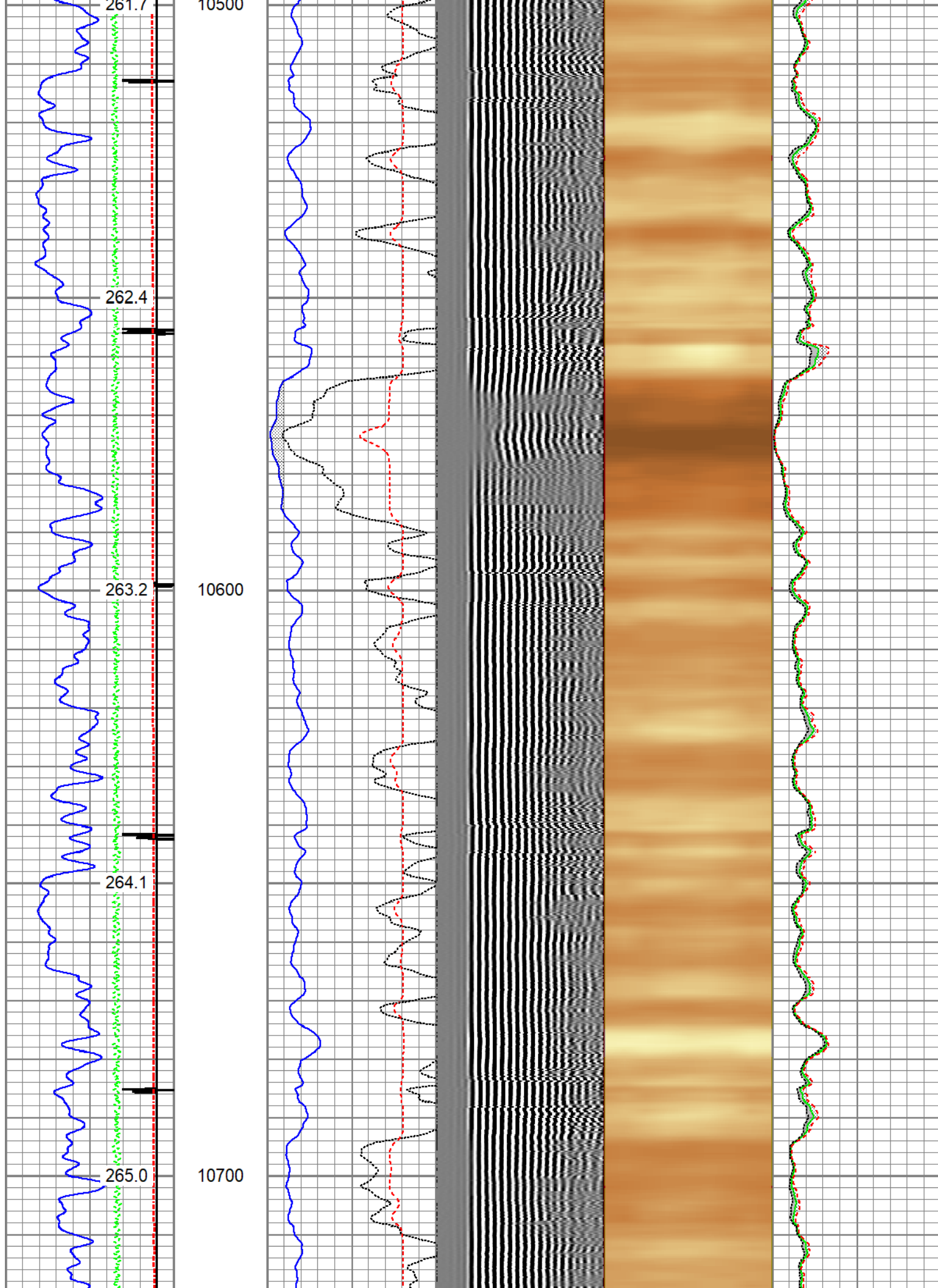


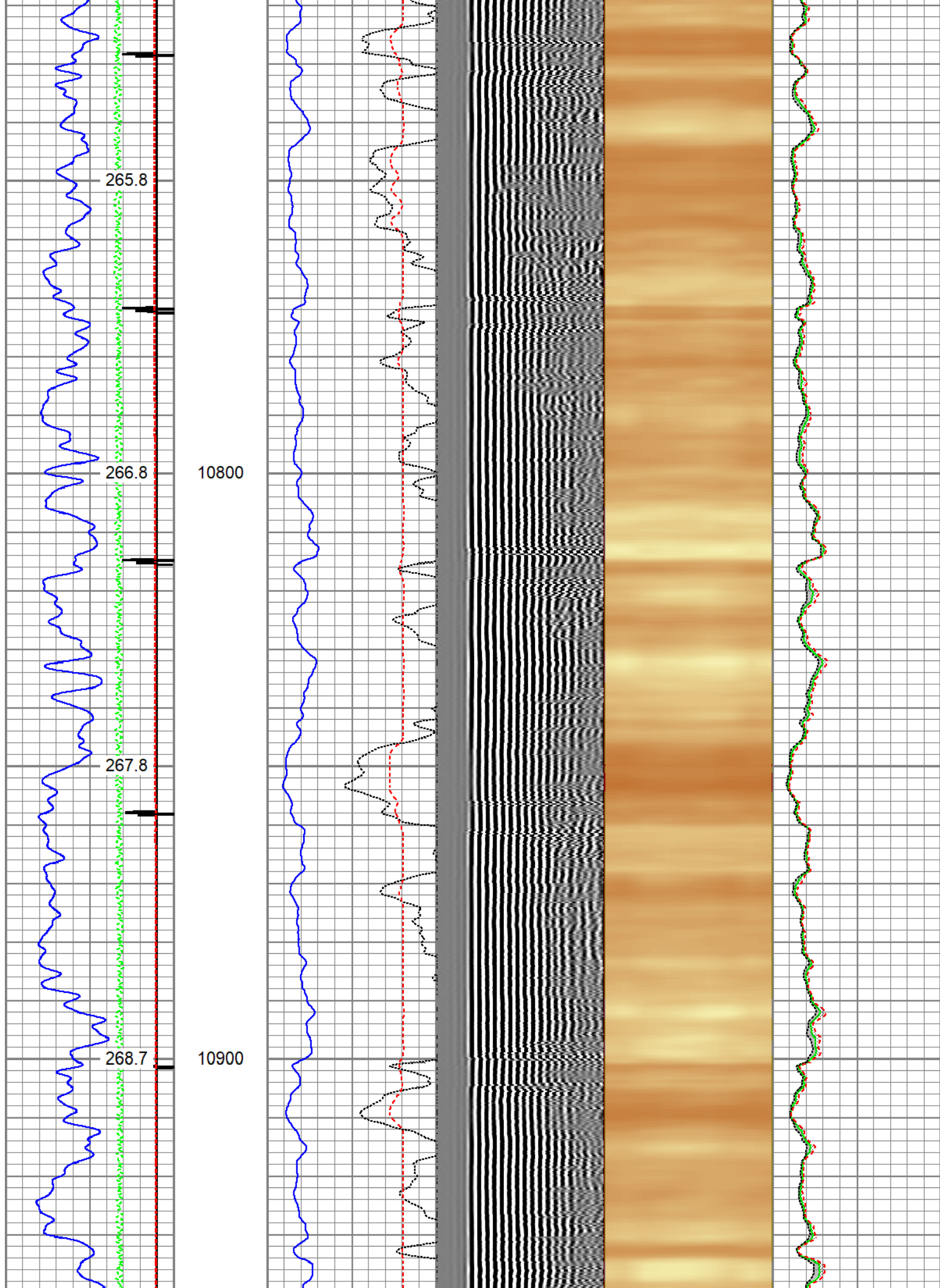




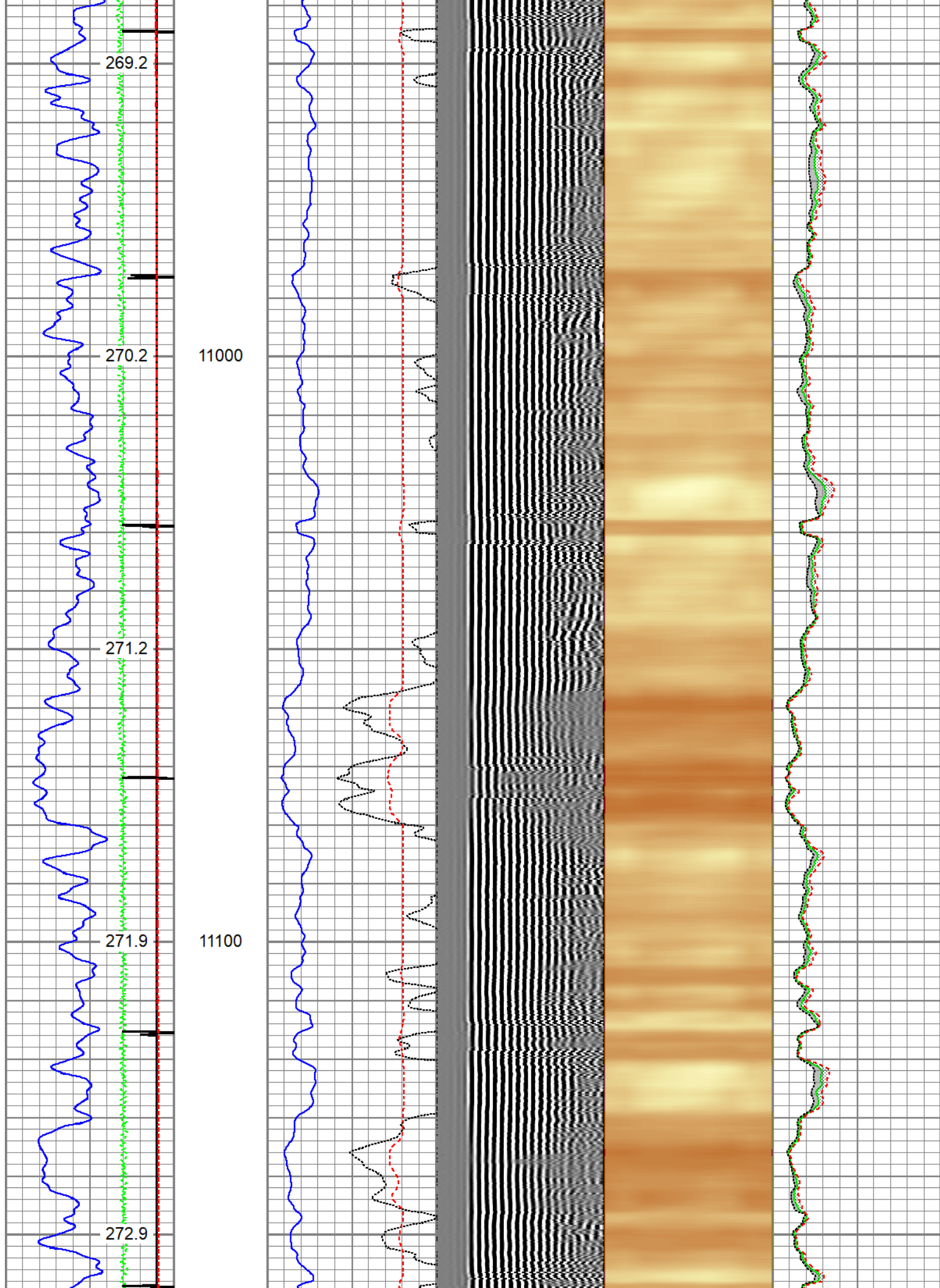


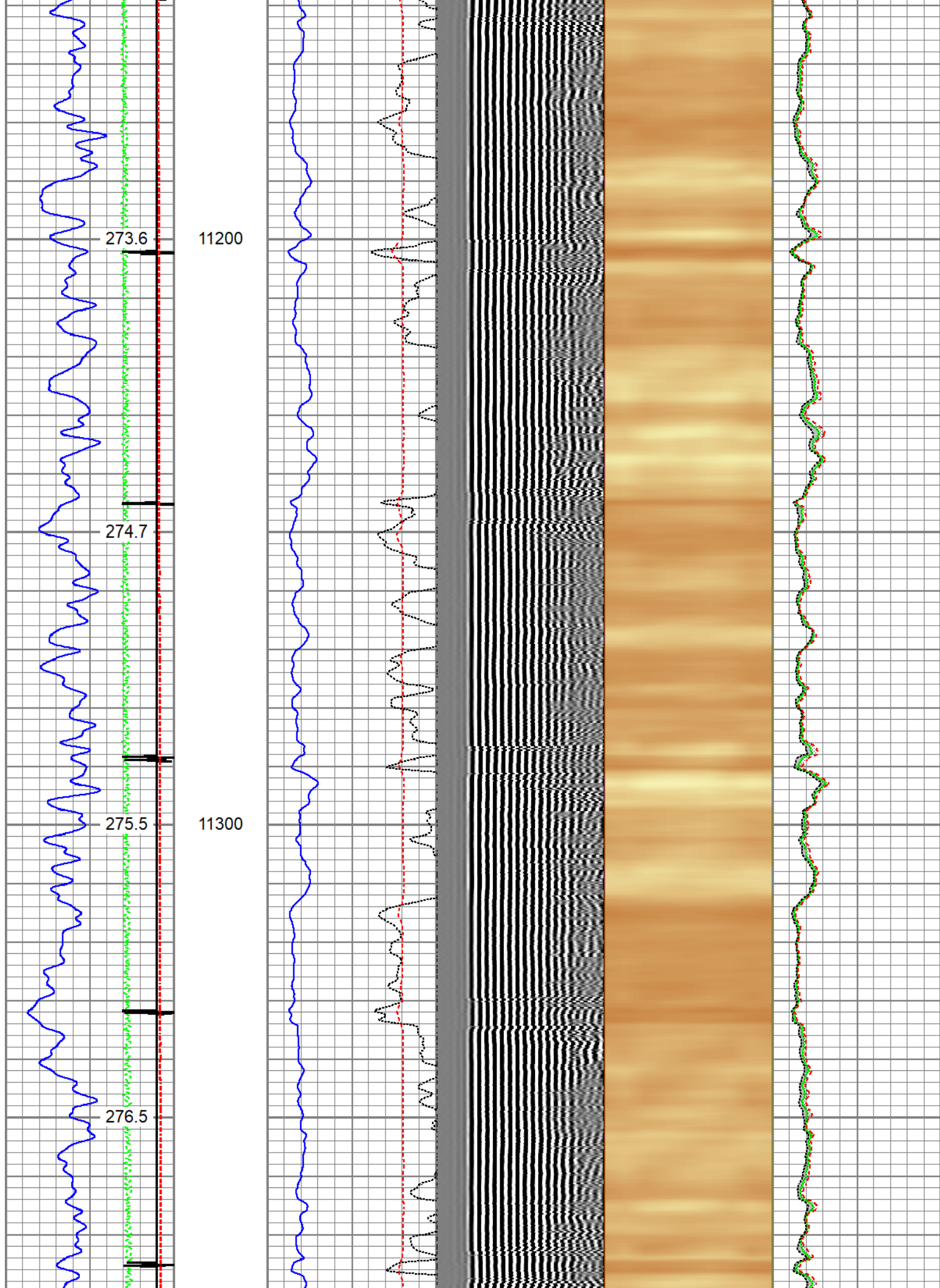


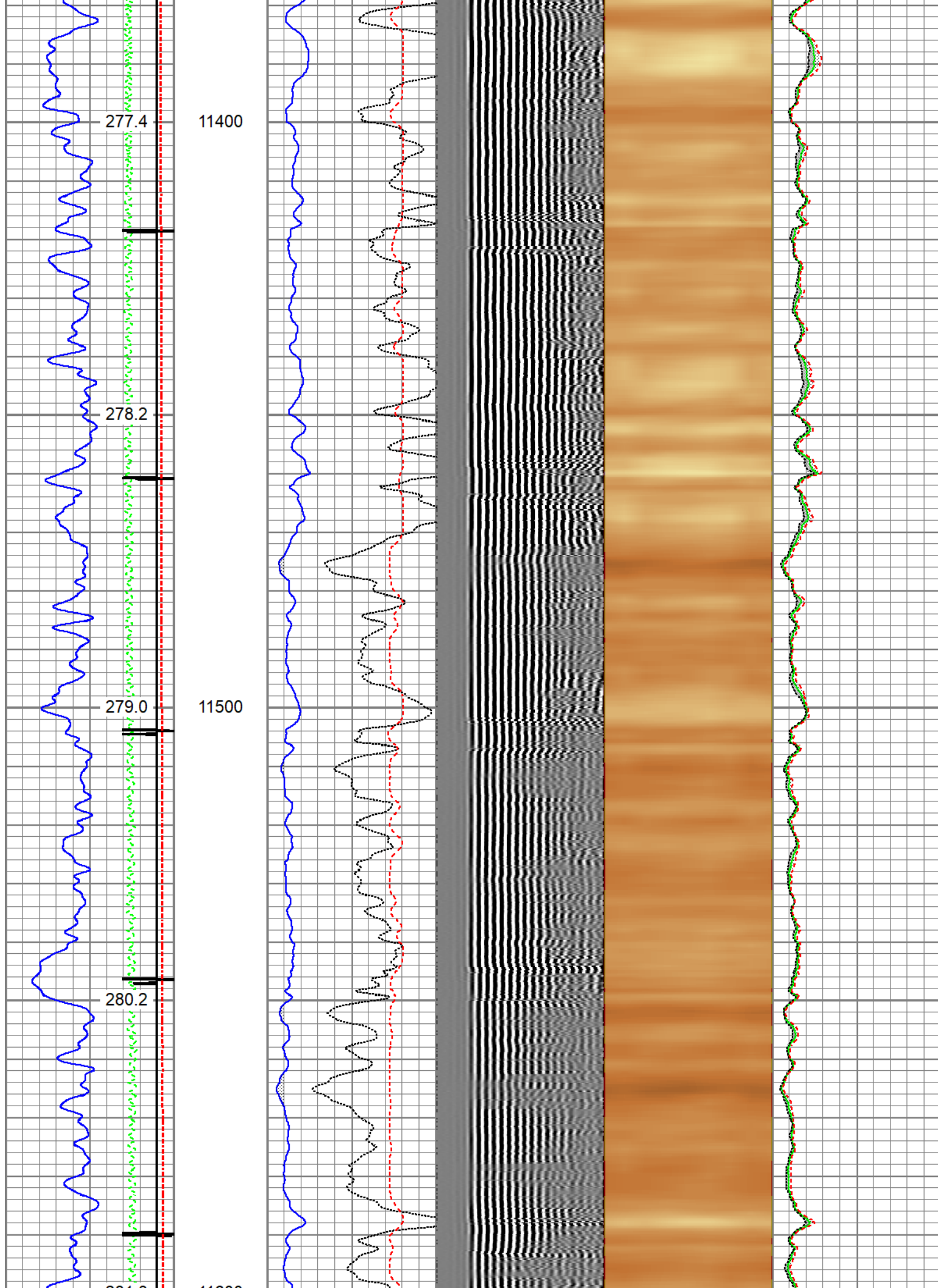




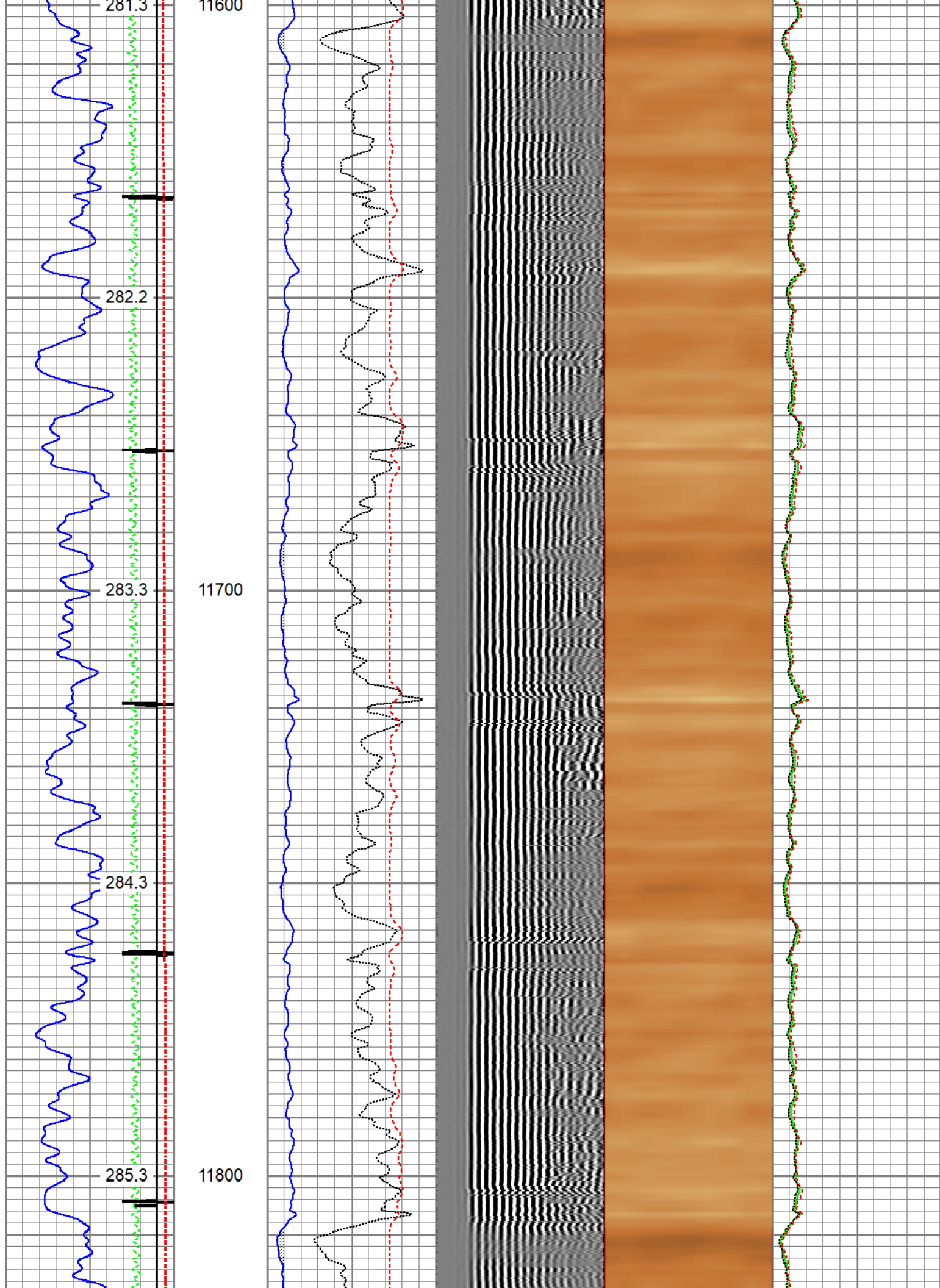


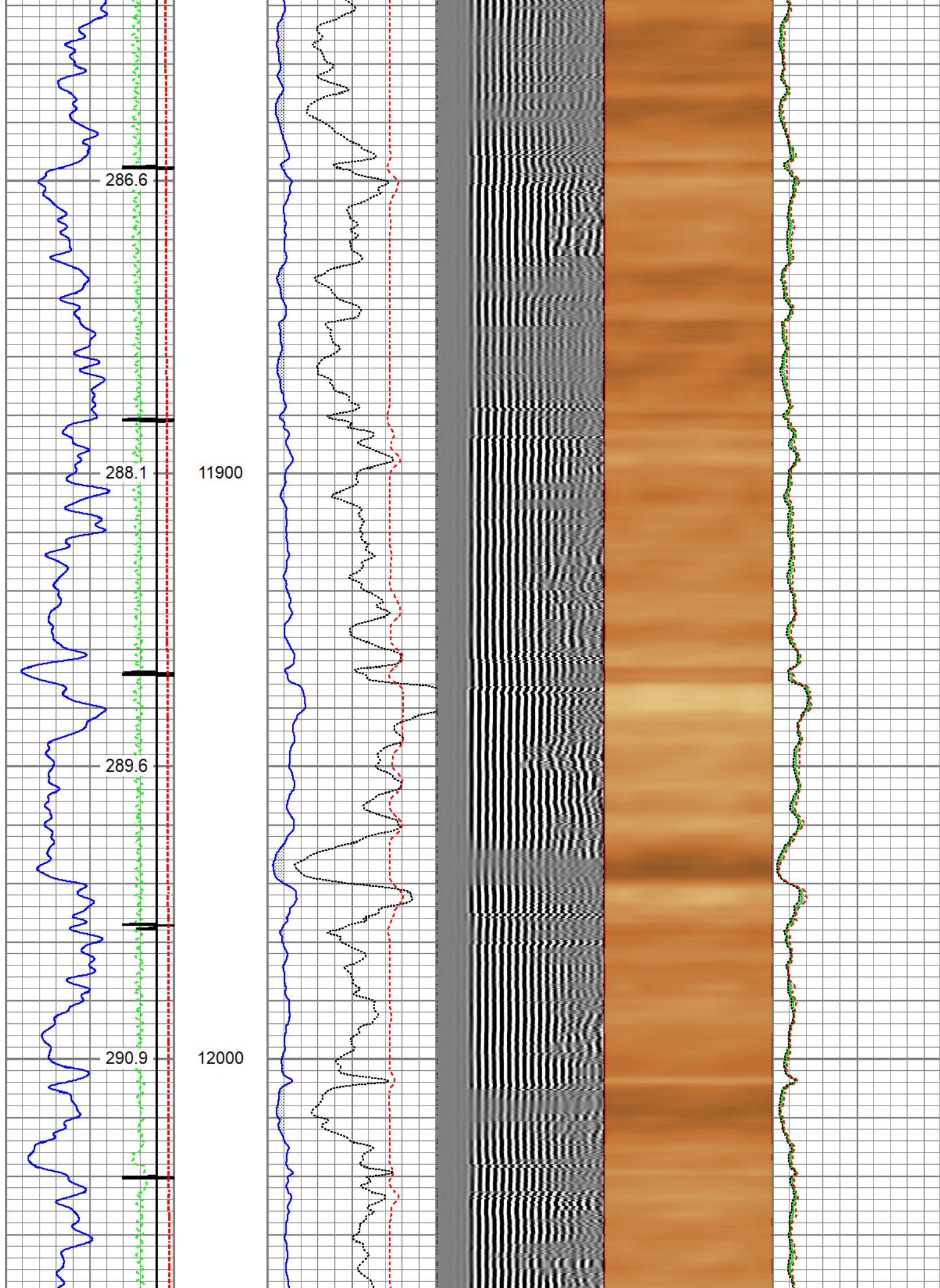


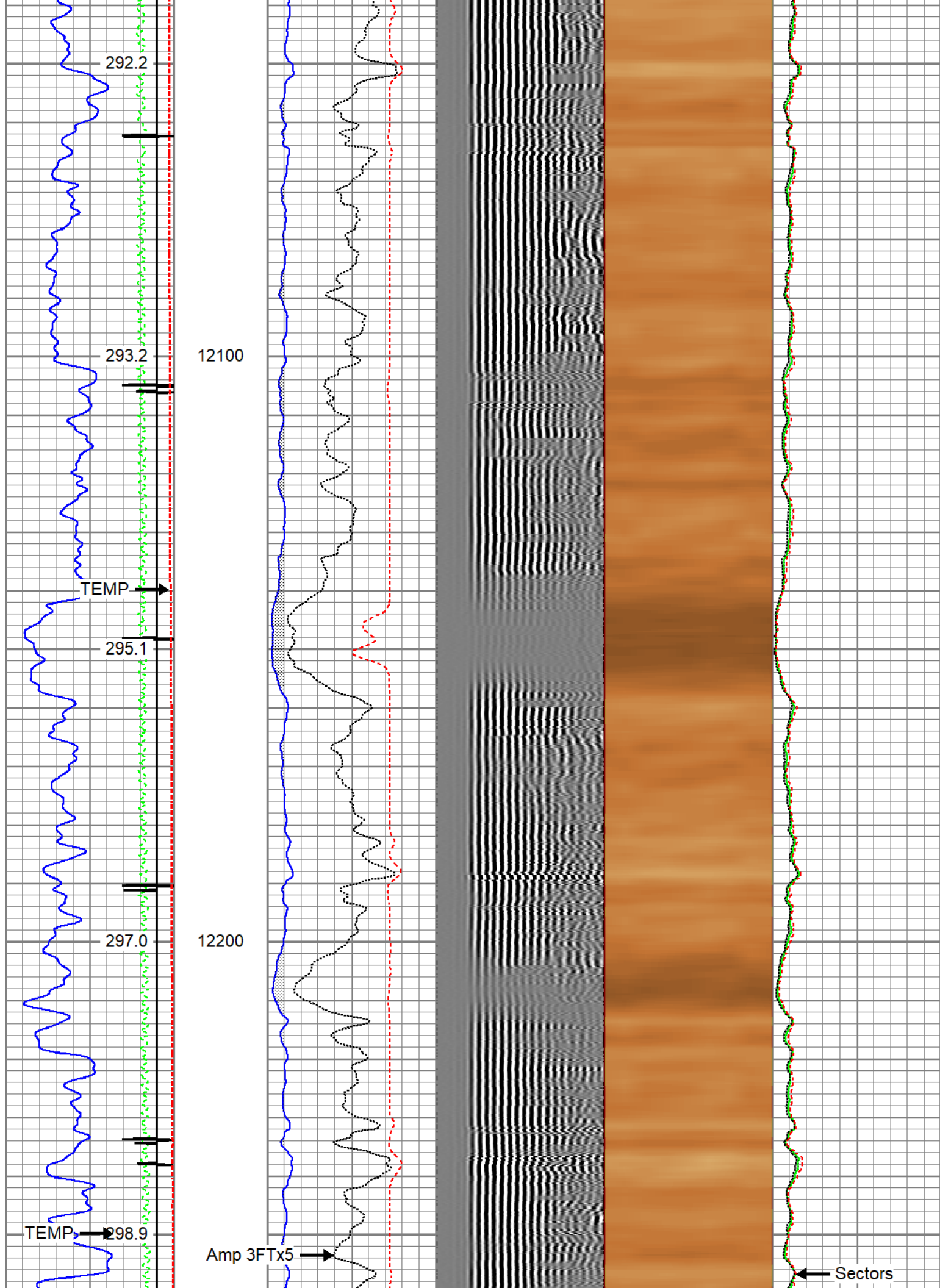




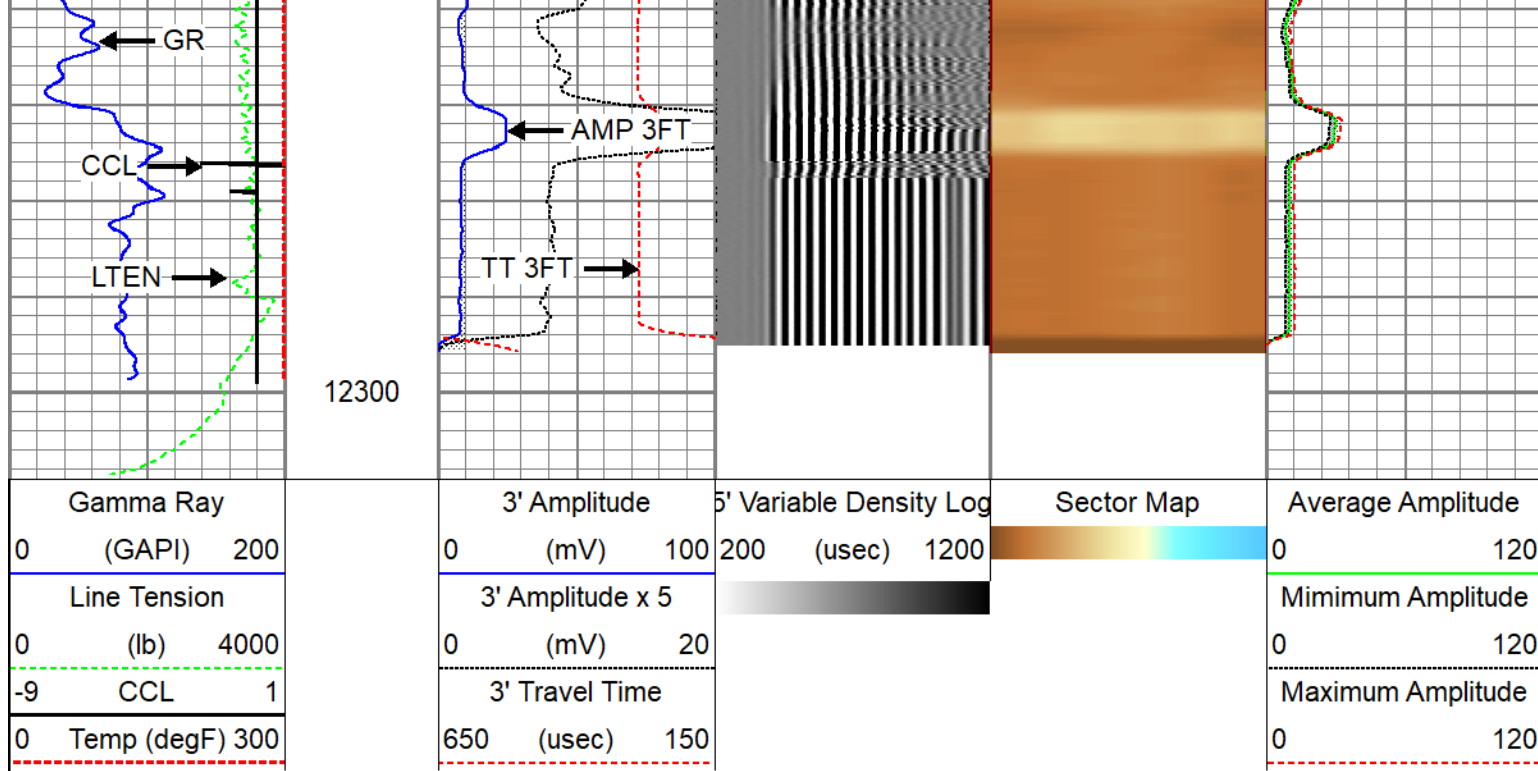








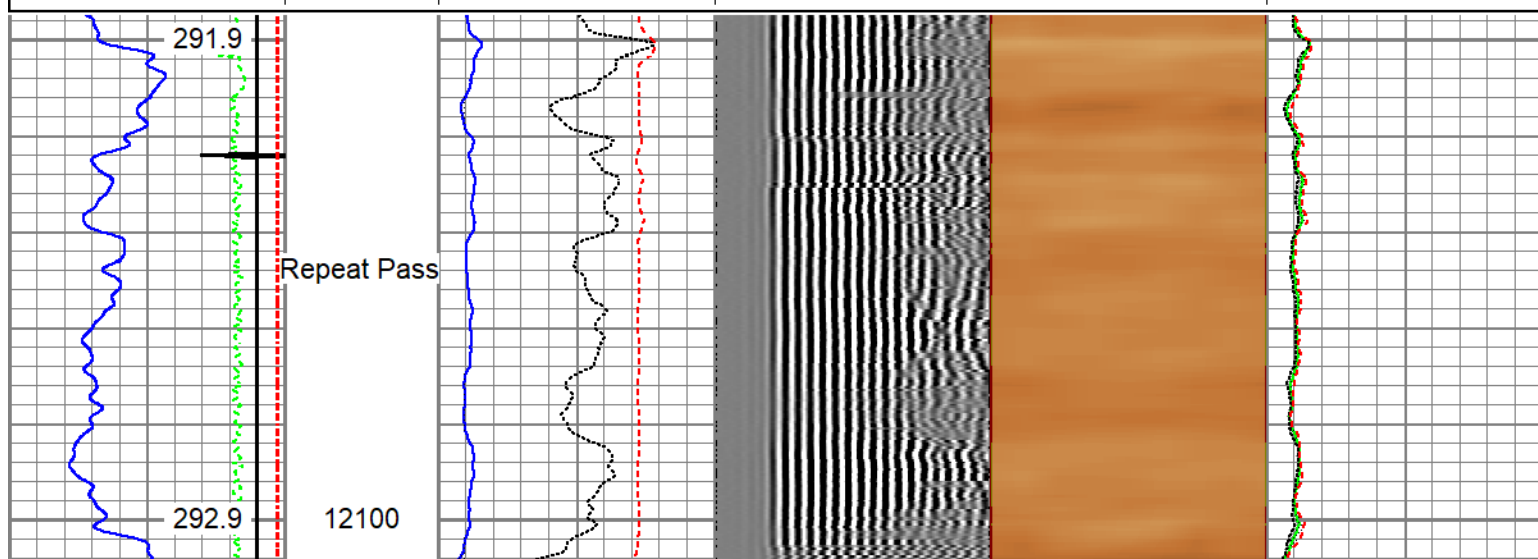
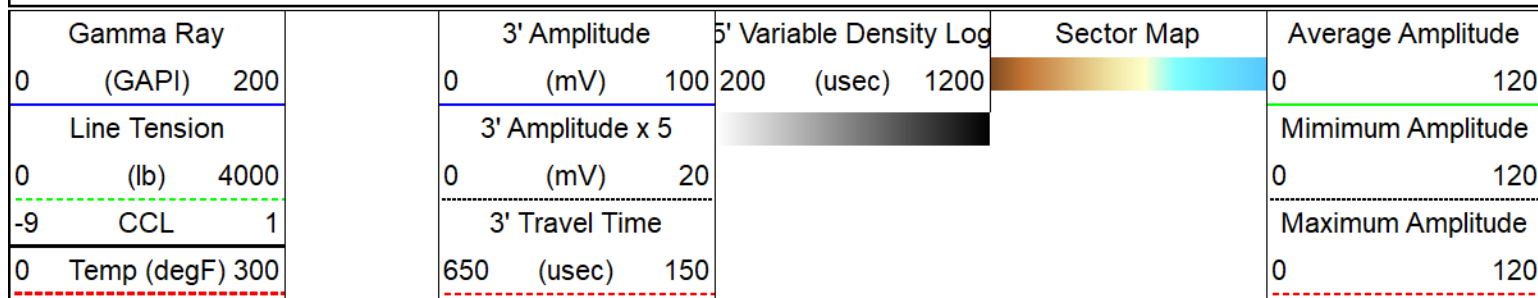


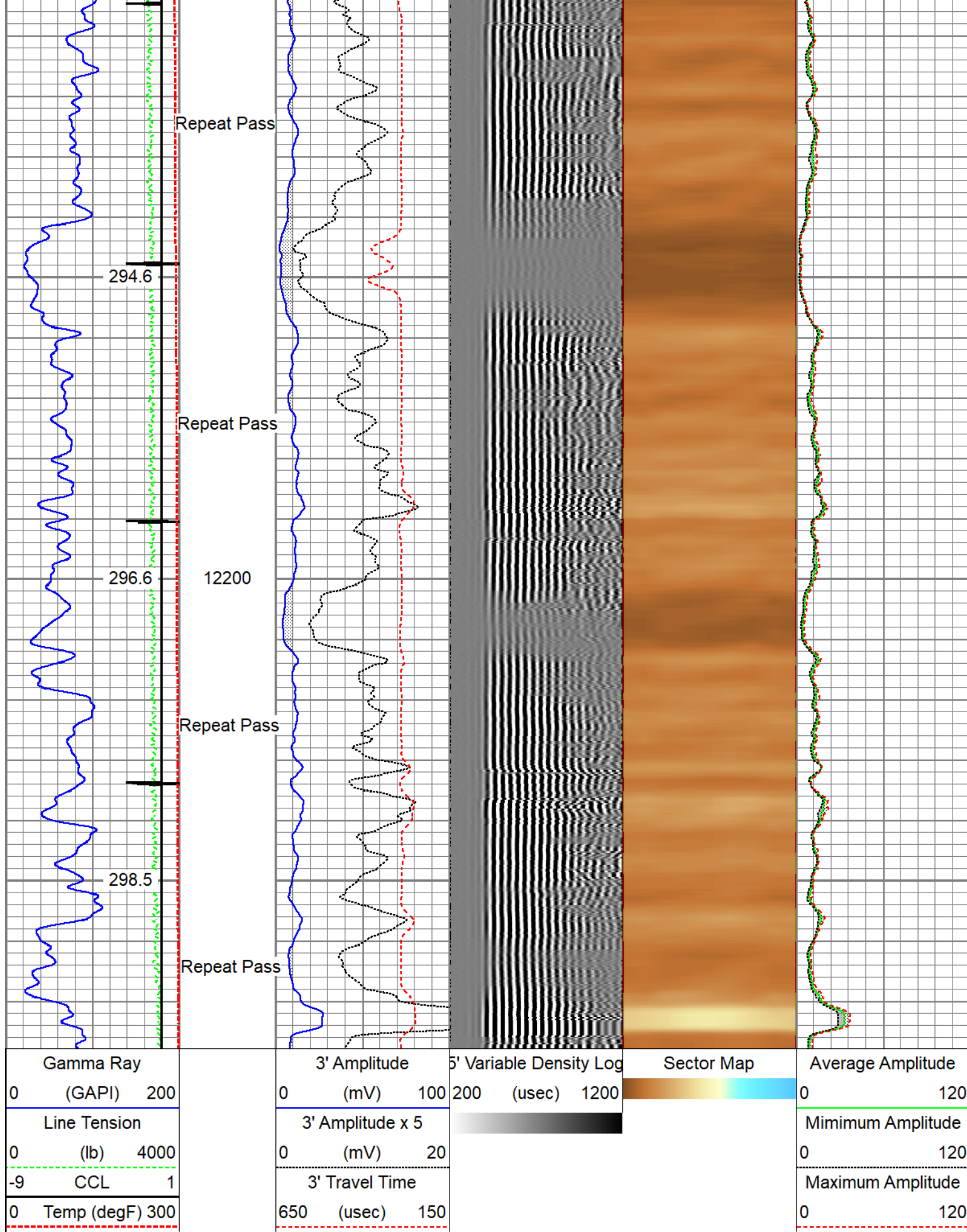




## Repeat Pass 5" = 100'

Database File	caerus_bju b26 fed 23b-26-496_rcbl-cnI_12-27-2022.db
Dataset Pathname	repeat
Presentation Format	twgrcbl
Dataset Creation	Tue Dec 27 07:55:06 2022
Charted by	Depth in Feet scaled 1:240





# Calibration Report

Database File caerus\_bju b26 fed 23b-26-496\_rcbl-cn1\_12-27-2022.db  
Dataset Pathname main

Dataset Pathname: main  
Dataset Creation: Tue Dec 27 08:06:49 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					
Serial Number:		110255			
Tool Model:		GCTacc_6-Pin-Base			
Performed:		Thu Sep 22 15:12:49 2022			
Calibrator Value:		165.0	GAPI		
Background Reading:		72.3	cps		
Calibrator Reading:		300.9	cps		
Sensitivity:		0.7216	GAPI/cps		
Inclinometer Calibration Report					
Performed:		Thu Sep 22 15:14:31 2022			
		Low Read.	High Read.	Low Ref.	High Ref.
X Accelerometer		-910.00	1566.00	-1.00	1.00 gee
Y Accelerometer		-989.00	1748.00	-1.00	1.00 gee
Z Accelerometer		1.02	-895.47	0.00	1.00 gee
Segmented Cement Bond Log Calibration Report					
Serial Number:		FW1311-19			



Tool Model:

Probe275acc

Calibration Casing Diameter:

4.500

in

Calibration Depth:

38.237

ft

Master Calibration, performed Thu Dec 22 08:35:22 2022:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.006	0.750	0.800	81.196	108.042	0.130
CAL	0.002	0.760				
5'	0.015	0.701	0.800	81.196	117.073	-0.921
SUM						
S1	0.007	0.754	0.000	100.000	134.009	-1.003
S2	0.007	0.757	0.000	100.000	133.390	-0.985
S3	0.006	0.767	0.000	100.000	131.461	-0.782
S4	0.007	0.761	0.000	100.000	132.784	-0.989
S5	0.009	0.755	0.000	100.000	133.981	-1.204
S6	0.006	0.747	0.000	100.000	135.070	-0.838
S7	0.007	0.752	0.000	100.000	134.071	-0.884
S8	0.007	0.743	0.000	100.000	135.879	-0.912

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.002	0.760	1.000	0.000

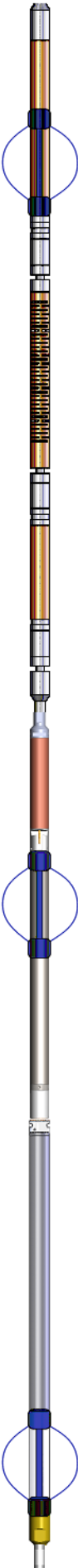
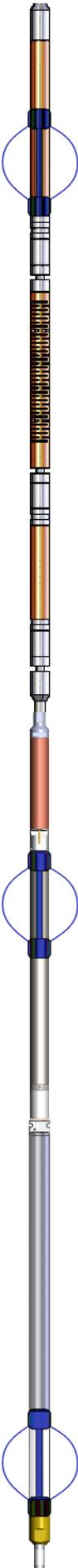
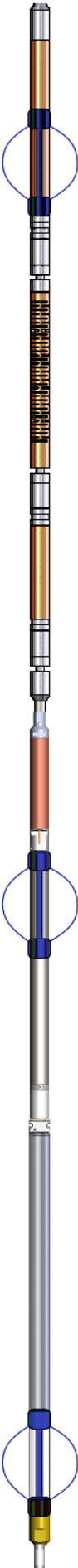
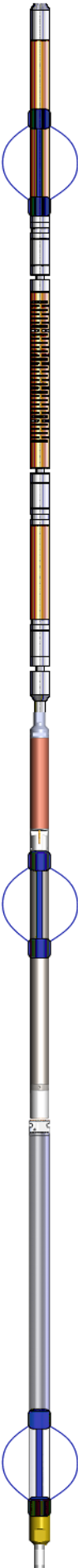
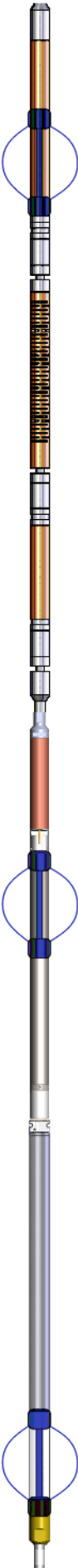
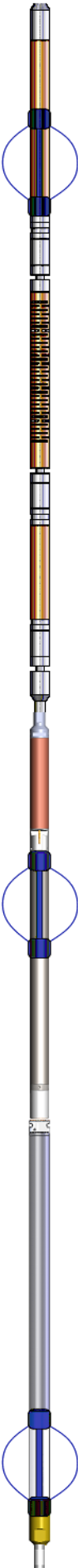
Air Zero Calibration, performed Thu Dec 22 08:34:24 2022:

	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 15:55:38 2022

	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	-914.00	901.00	-1.00	1.00	gee
Y Accelerometer	-903.00	898.00	-1.00	1.00	gee
Z Accelerometer					

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GCT_FMWR	19.32		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
mSec_Count	19.32					
RBT_Status	19.32					
Error_Ct	19.32					
WVFS8	14.82		RBT8acc-Probe275acc (FW1311-19) 2.75" Radial Corrosion with accelerometer	8.75	2.75	110.00
WVFS7	14.82					
WVFS6	14.82					
WVFS5	14.82					
WVFS4	14.82					
WVFS3	14.82					
WVFS2	14.82					
WVFS1	14.82					
WVF3FT	14.82					
WVF5FT	13.82					
GCT_HV	10.95		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
RBT_ACCZ	10.57					
RBT_ACCY	10.57					
RBT_ACCX	10.57					
WVFSYNC	10.57					
WVFCAL	10.57					
CCL\$2	9.96					
CCL\$1	9.96					
GCT_TEMP	9.08					
GR	8.28					
GCT_IntTemp	7.24		GCacc-GCTacc_6-Pin-Base (110255) Probe 2.75" Gamma Ray - CCL w/ Temp and 6 Pin Bottom	5.00	2.75	
GCT_ACCZ	5.57					
GCT_ACCY	5.57					
GCT_ACCX	5.57					
CNLSC	2.24					
CNSSC	1.81					
			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
			Plug-FA108-0000 1.38" Bull Plug	0.33	1.38	1.00

Dataset:	caerus_bju b26 fed 23b-26-496_rcbl-cn1_12-27-2022.db: field/well/run1/main
Total length:	19.32 ft
Total weight:	181.00 lb
O.D.:	3.25 in

Company	Caerus Piceance LLC.		
Well	BJU B26 FED 23B-26-496		
Field	Grand Valley		
County	Garfield	State	Colorado



Radial Cement Bond  
Gamma Ray  
Casing Collar Log