



Radial Cement Bond
Gamma Ray
Casing Collar Log

Company	Caerus Piceance LLC.	Country	USA
Well	BJU B26 FED 13A-26-496		
Field	Grand Valley		
County	Garfield		
State	Colorado		
Company	Caerus Piceance LLC.		
Well	BJU B26 FED 13A-26-496		
Field	Grand Valley		
County	Garfield		
State	Colorado		
Country	USA		
Location:	API # : 05-045-24432	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	22-DEC-2022		
Run Number	One		
Depth Driller	12027 FT		
Depth Logger	11896 FT		
Bottom Logged Interval	11883 FT		
Top Log Interval	Surface		
Open Hole Size	8.750"		
Type Fluid	Fresh Water		
Density / Viscosity	8.34 lb/gal		
Max. Recorded Temp.	301° F		
Estimated Cement Top	See Log		
Time Well Ready	ROA		
Time Logger on Bottom	16:00		
Equipment Number	8045		
Location	Grand Junction, Co.		
Recorded By	A.Ellsworth		
Witnessed By	Z. Fisher		
Run Number	8.75"	From	To
Bit	Surface	12027'	
Size			
Wgt/Ft			
Top			
Bottom			
Surface String	9.625"	36	2996 FT
Prot. String	4.5"	11.6	12008 FT
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



Log ran as per customer request.
Depth referenced to Kelly Bushing @ 30FT
Marker Joint from 8056 FT - 8066 FT
Log ran from 11896 FT to Surface
Log ran with 0 PSI surface induced pressure.

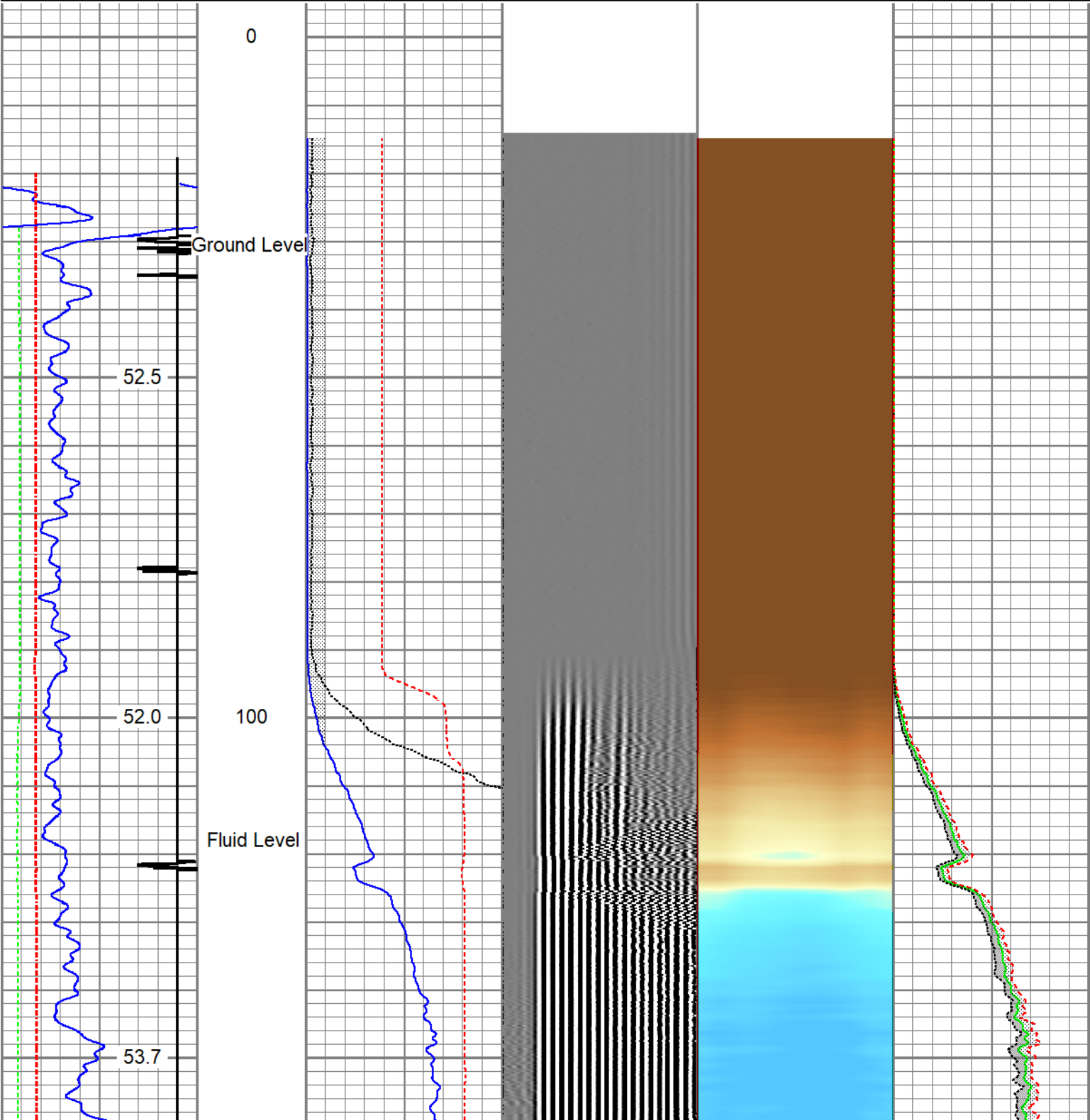
Thank you for choosing The Wireline Group!!!

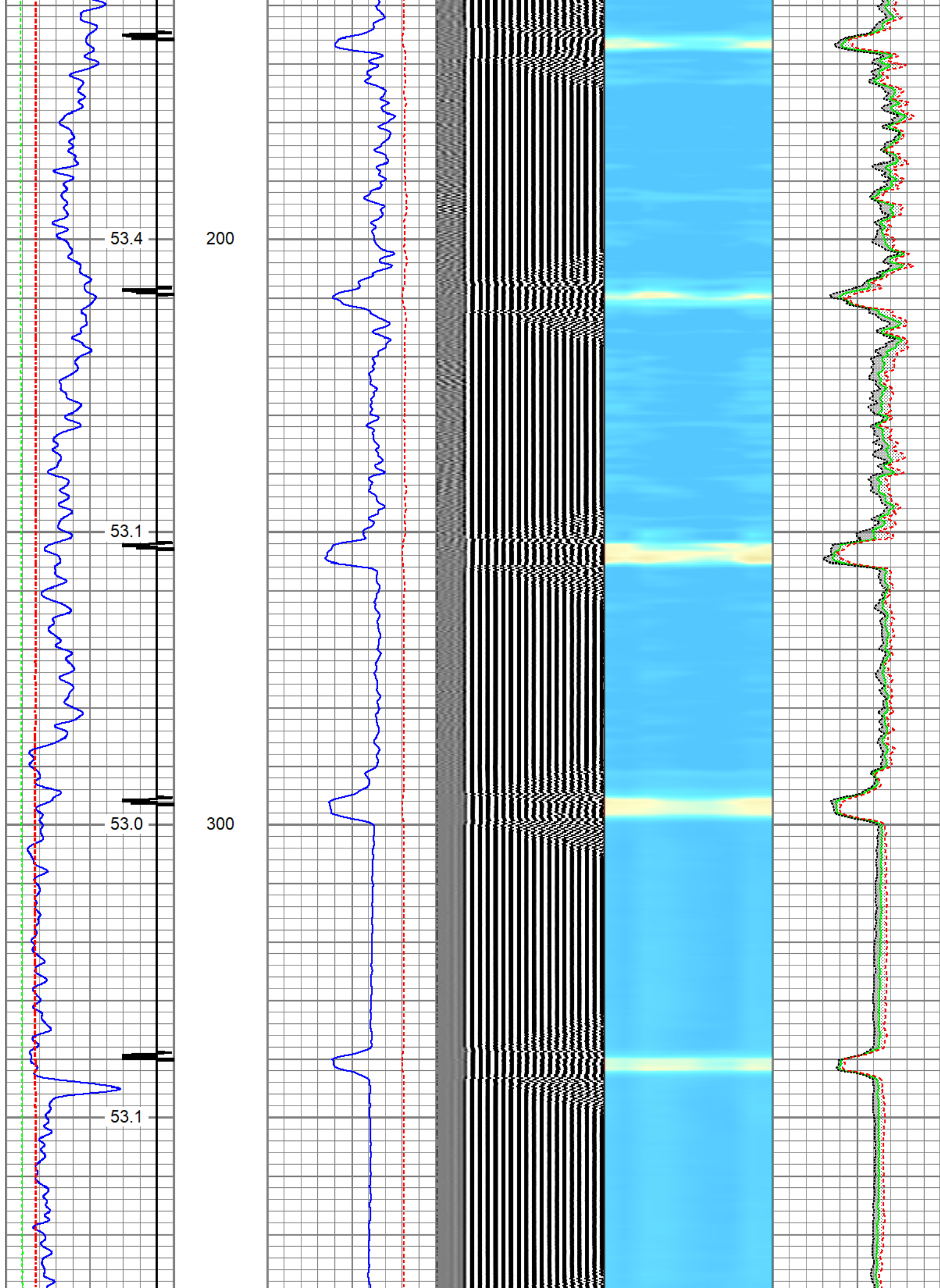


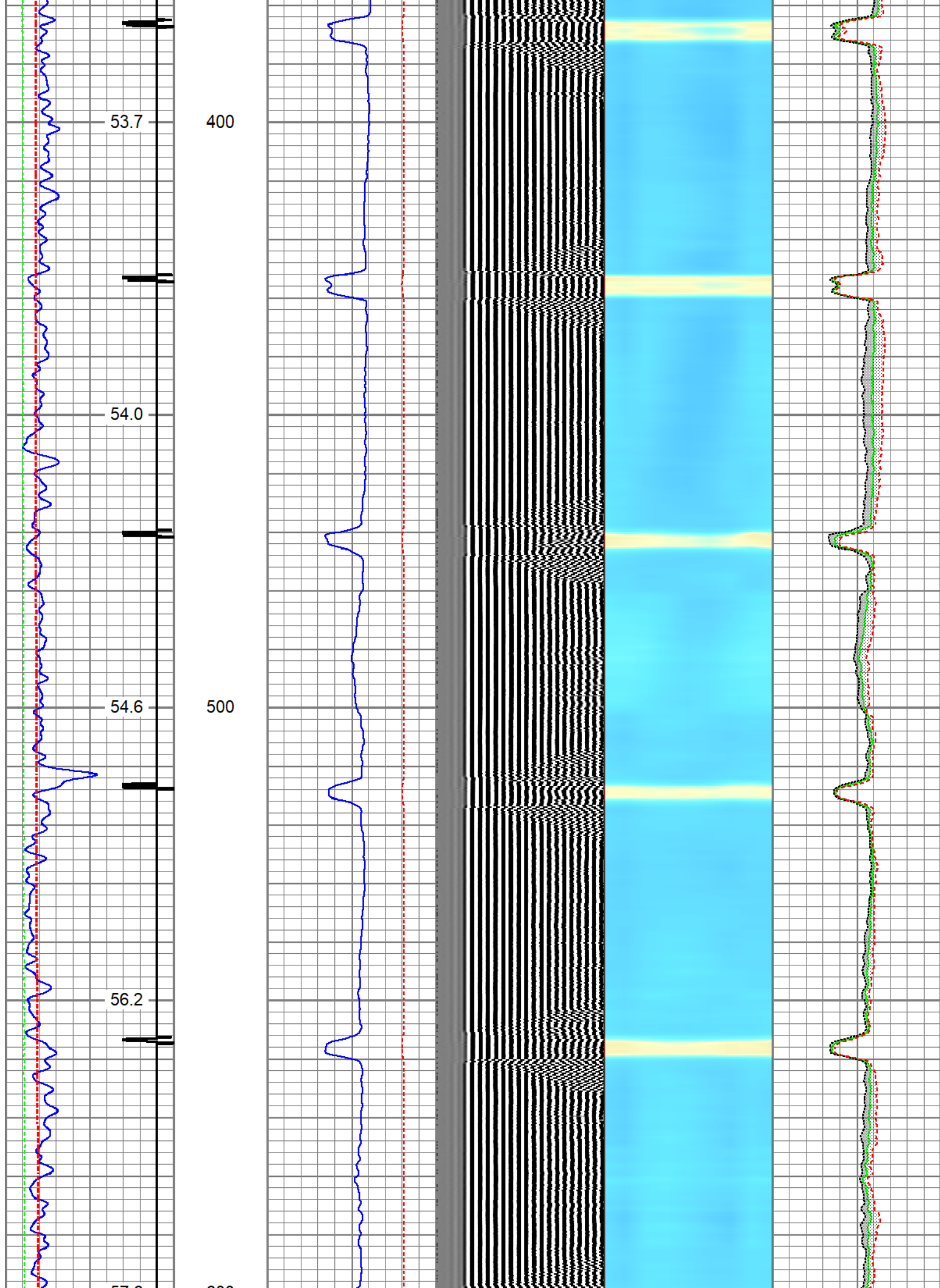
Main Pass 5" = 100'

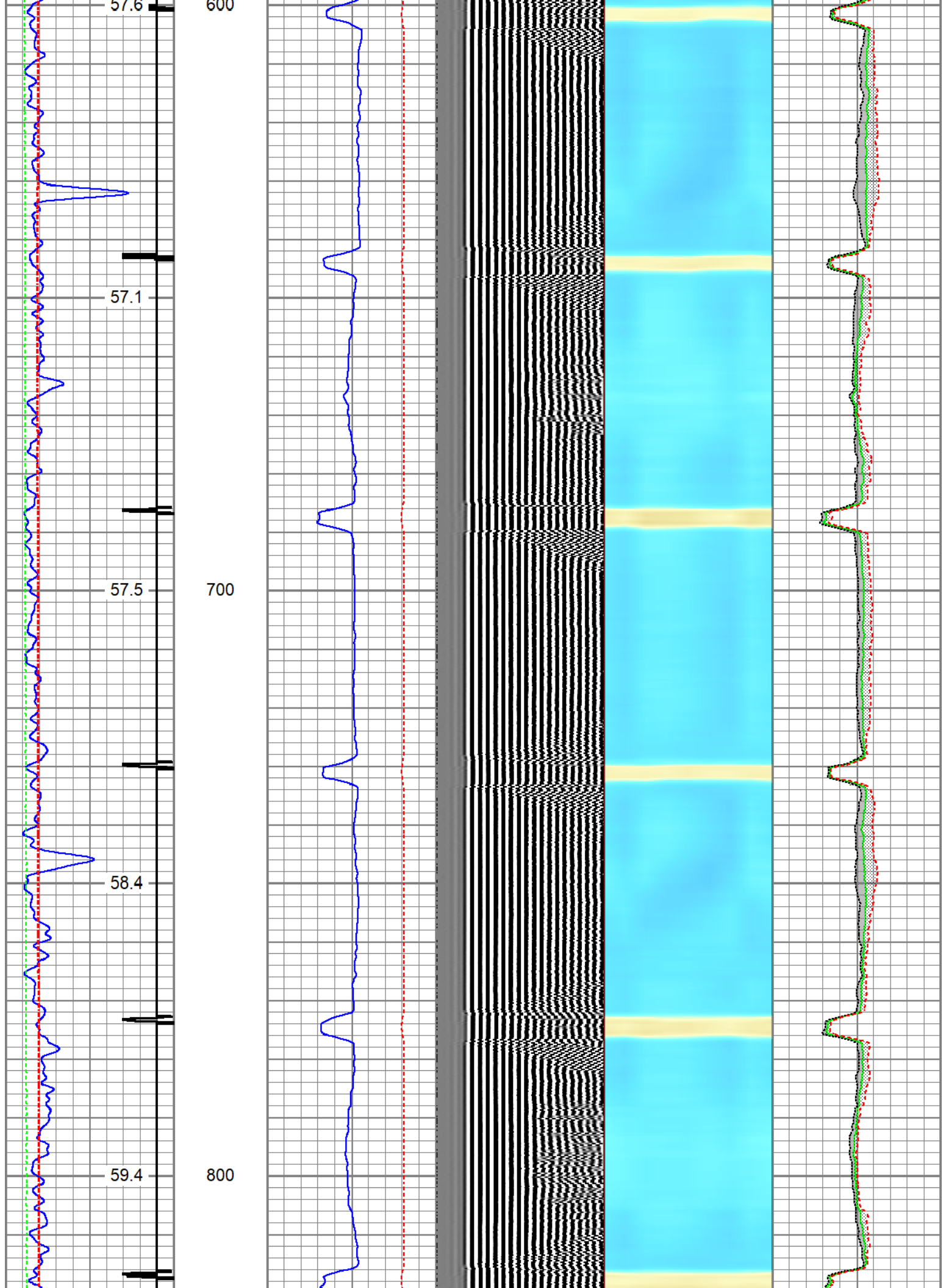
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Dataset Pathname	main
Presentation Format	twgrcbl
Dataset Creation	Thu Dec 22 16:14:37 2022
Charted by	Depth in Feet scaled 1:240

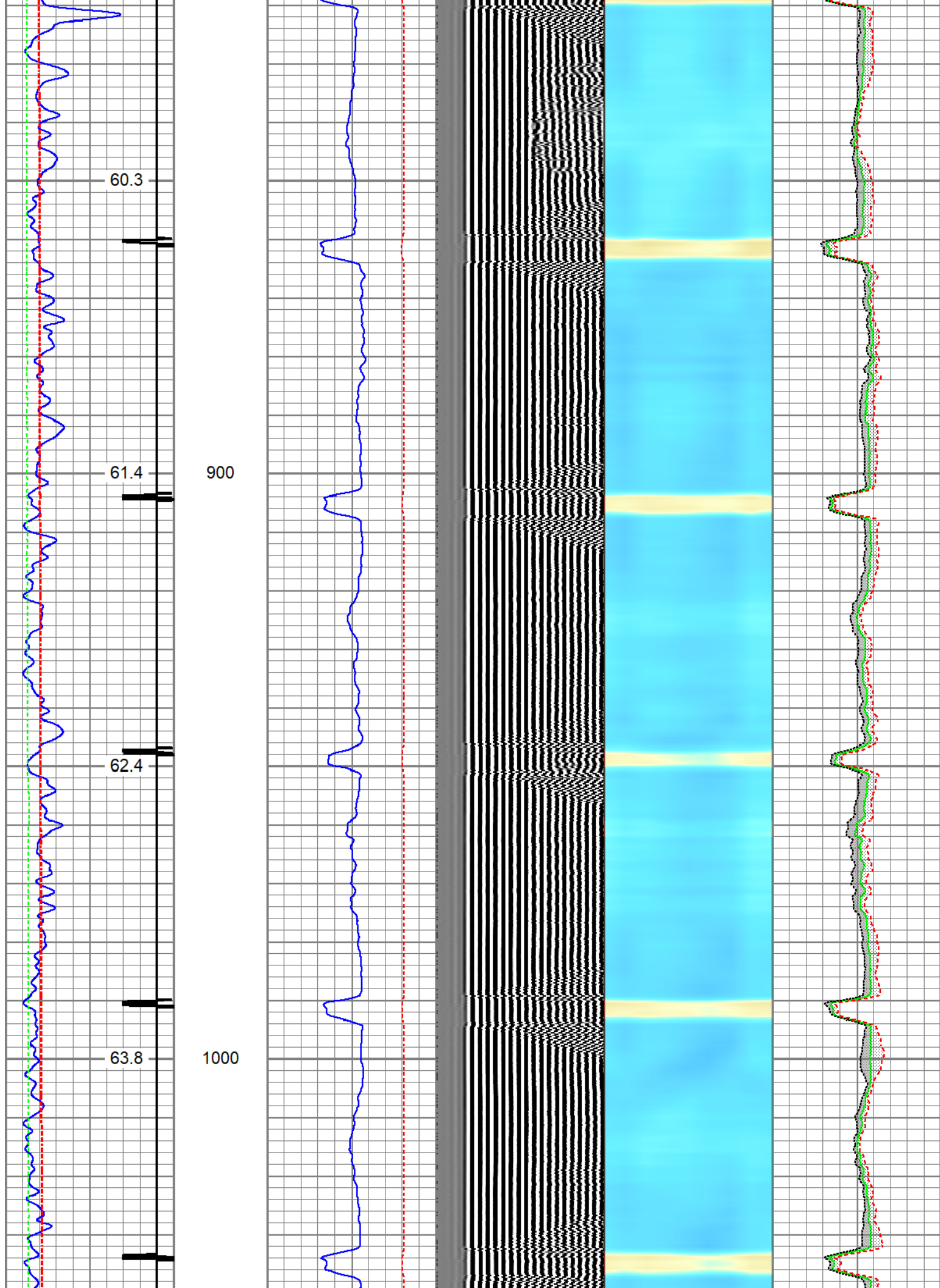
Gamma Ray		3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 200		0 (mV) 100	200 (usec) 1200		0 120
Line Tension		3' Amplitude x 5			Minimum Amplitude
0 (lb) 3000		0 (mV) 20			0 120
-9 CCL 1		3' Travel Time			Maximum Amplitude
0 Temp (degF) 300		650 (usec) 150			0 120

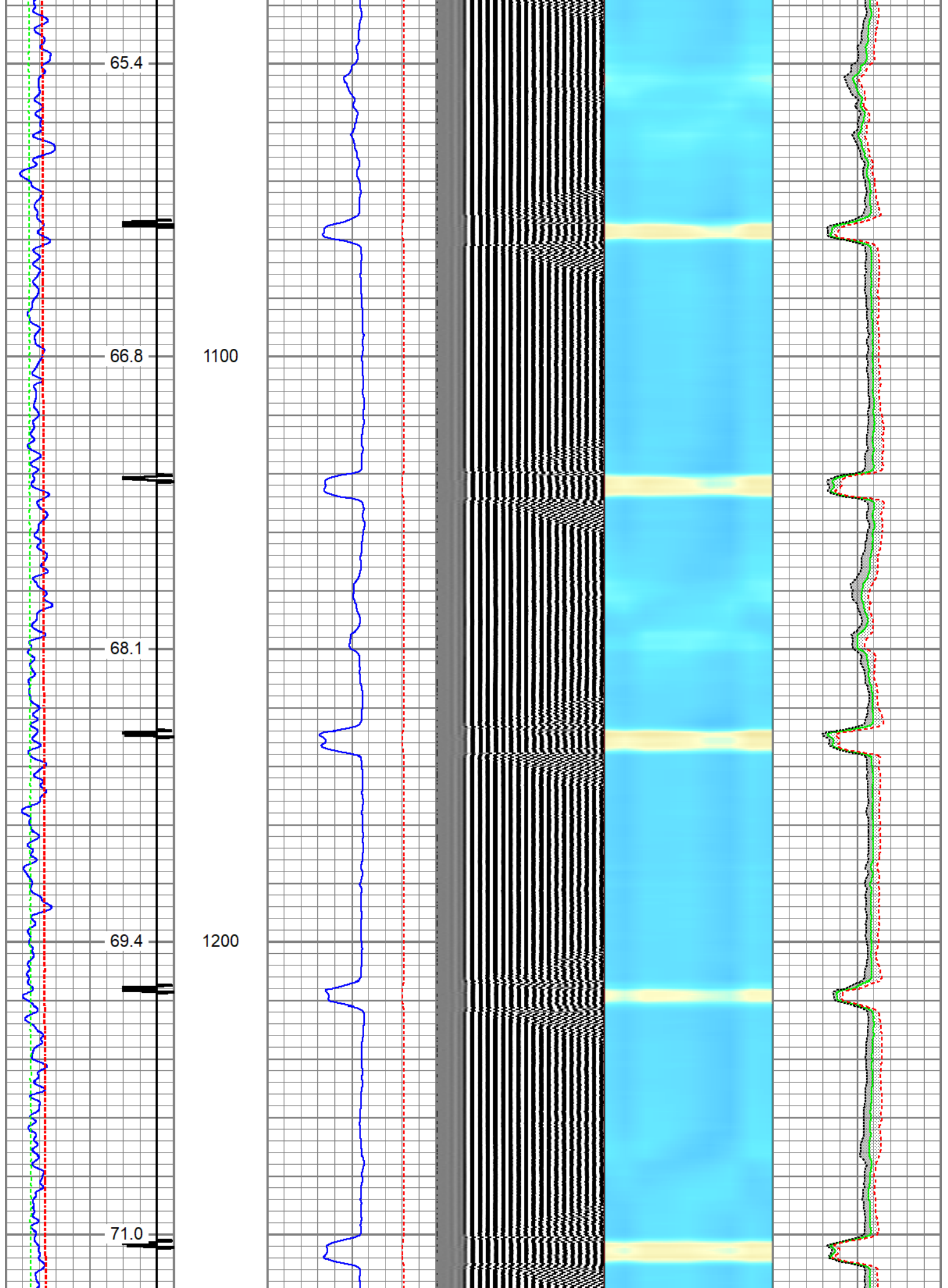


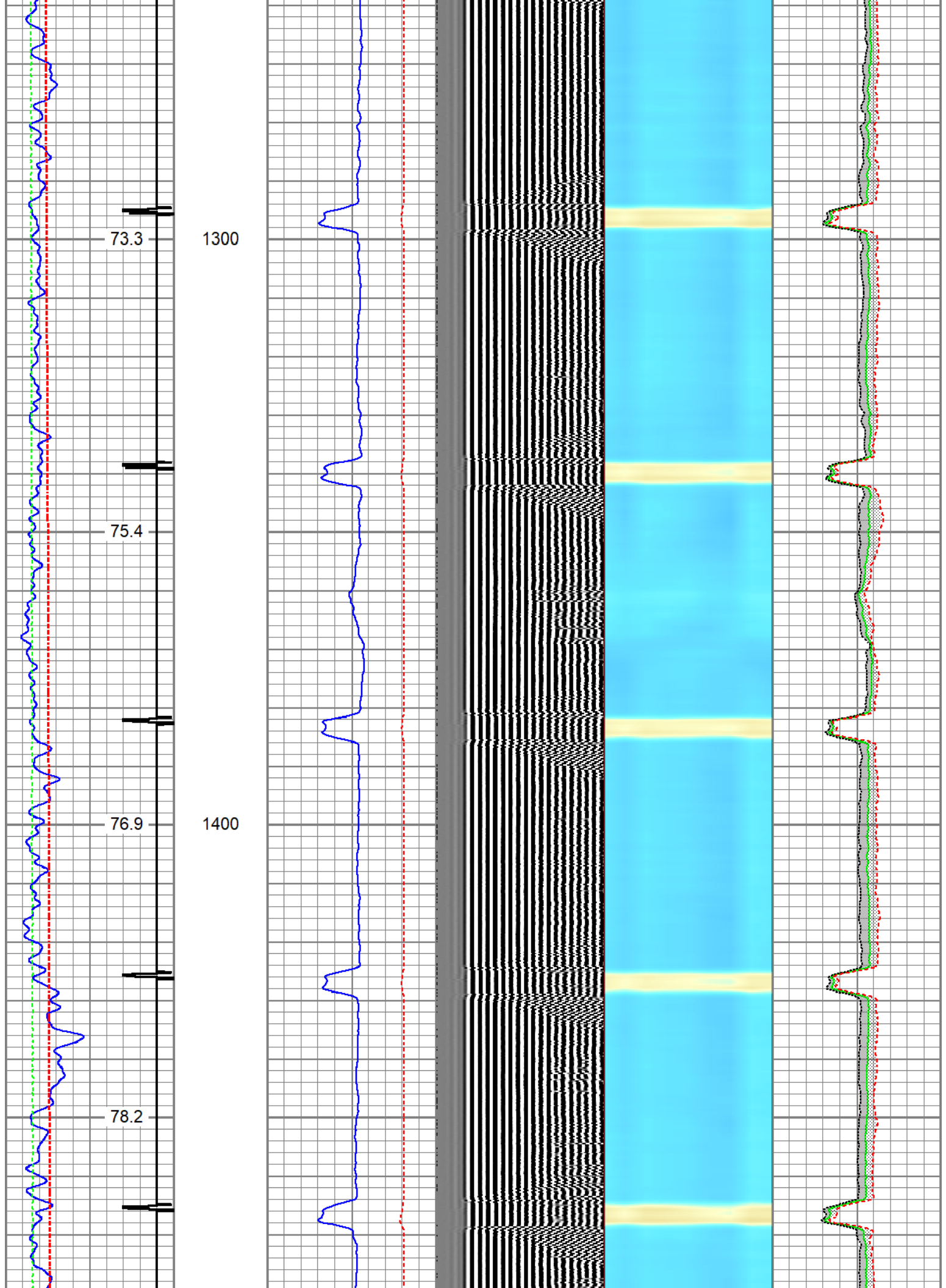


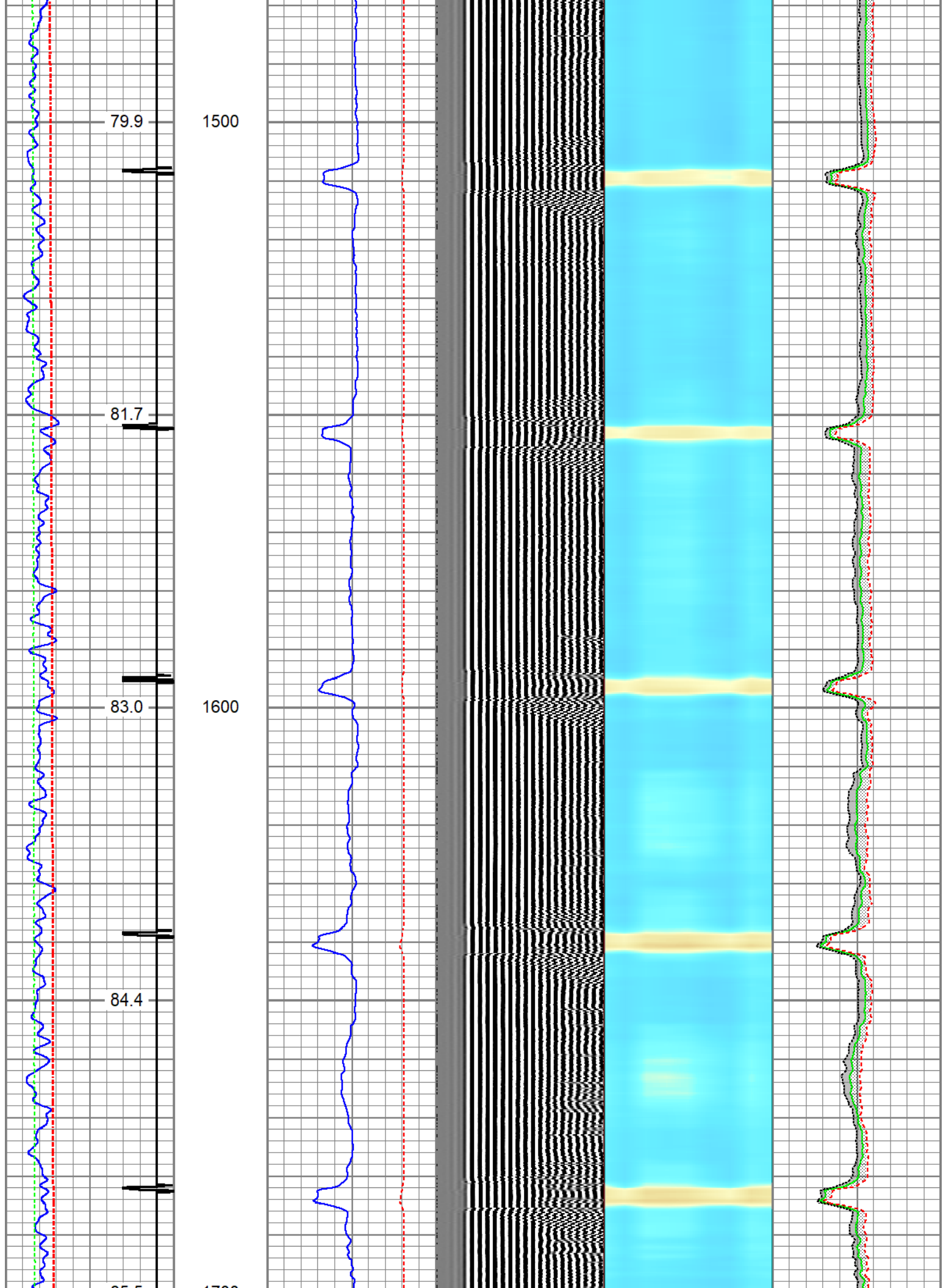


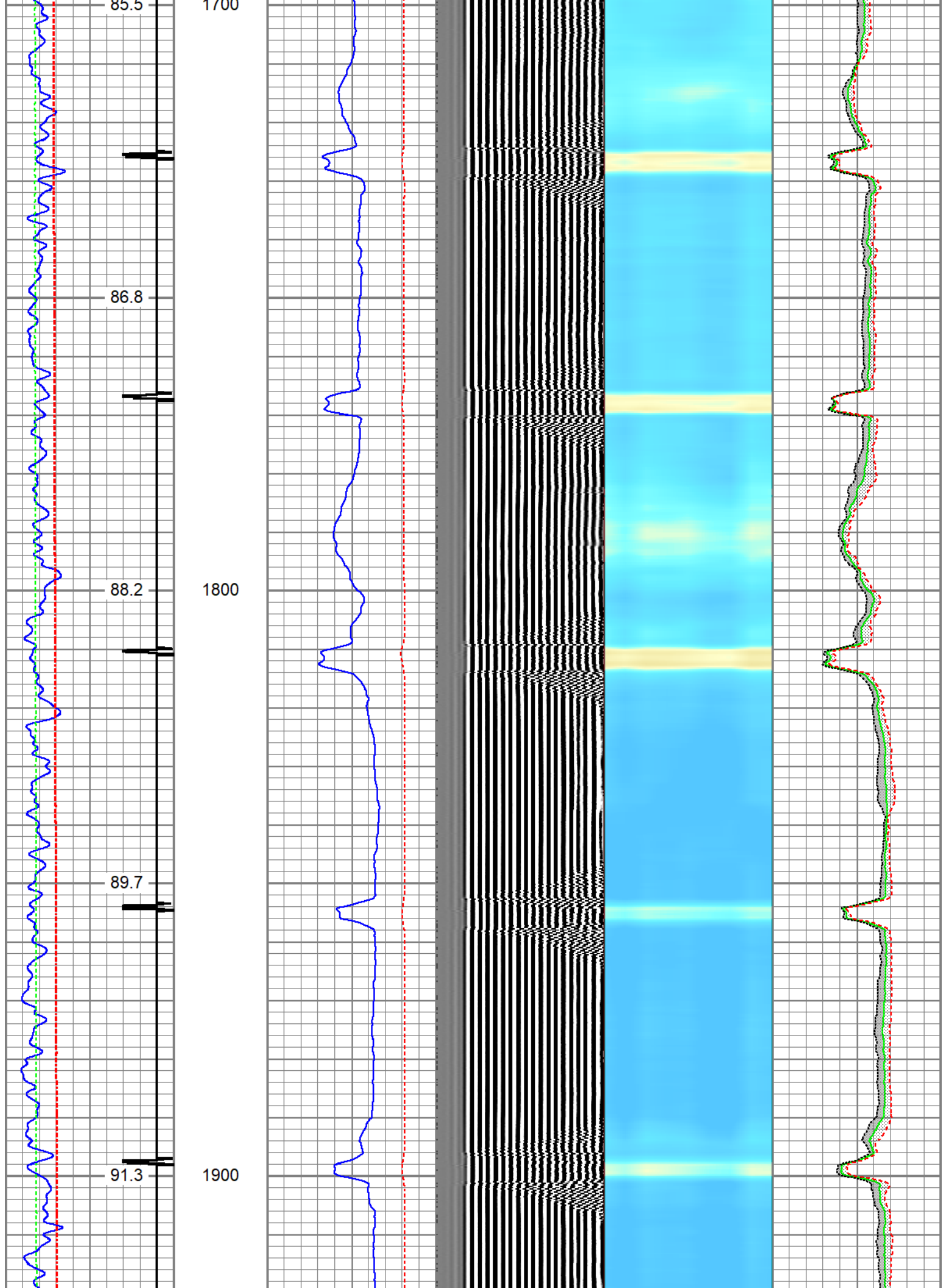


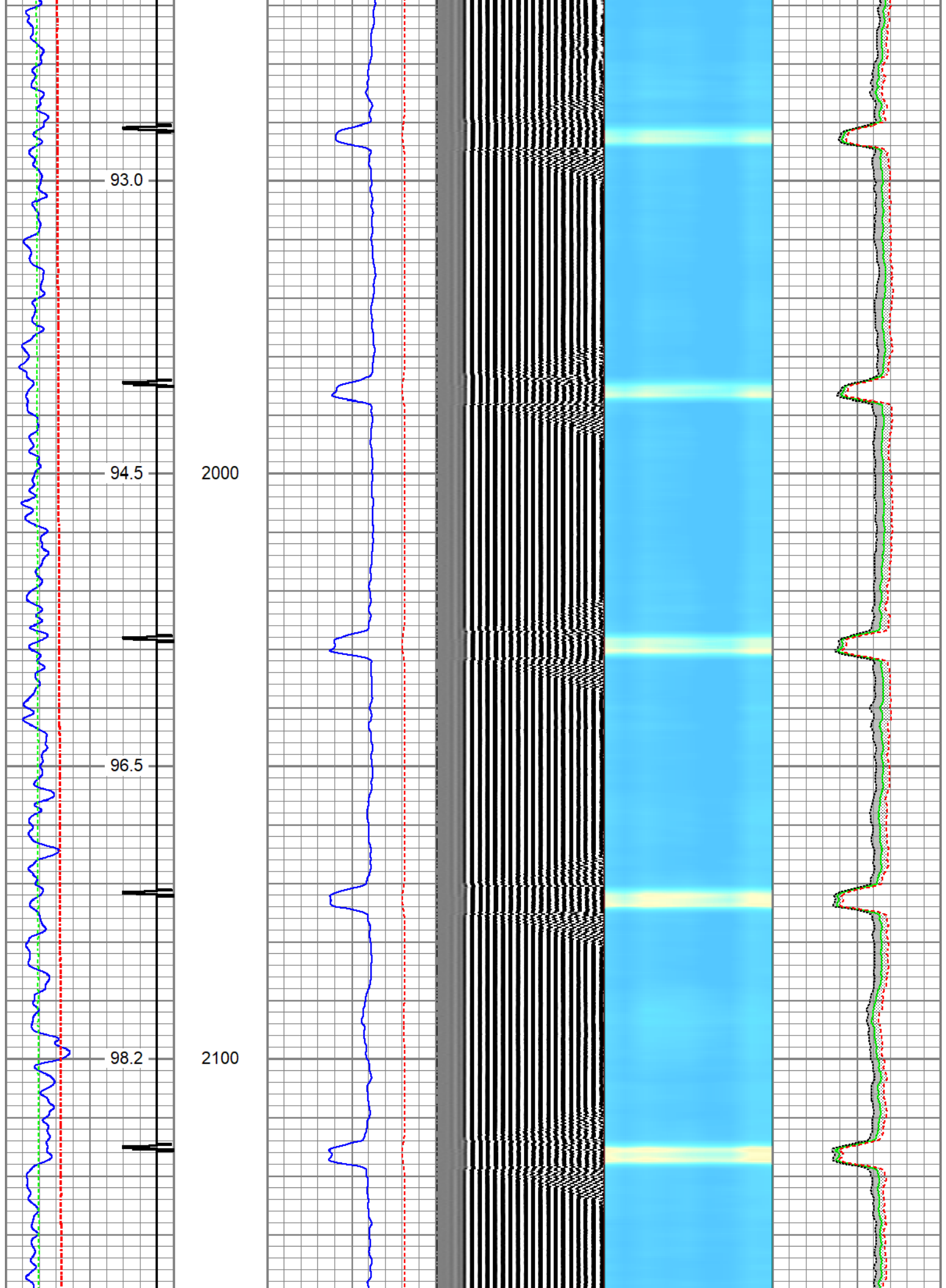


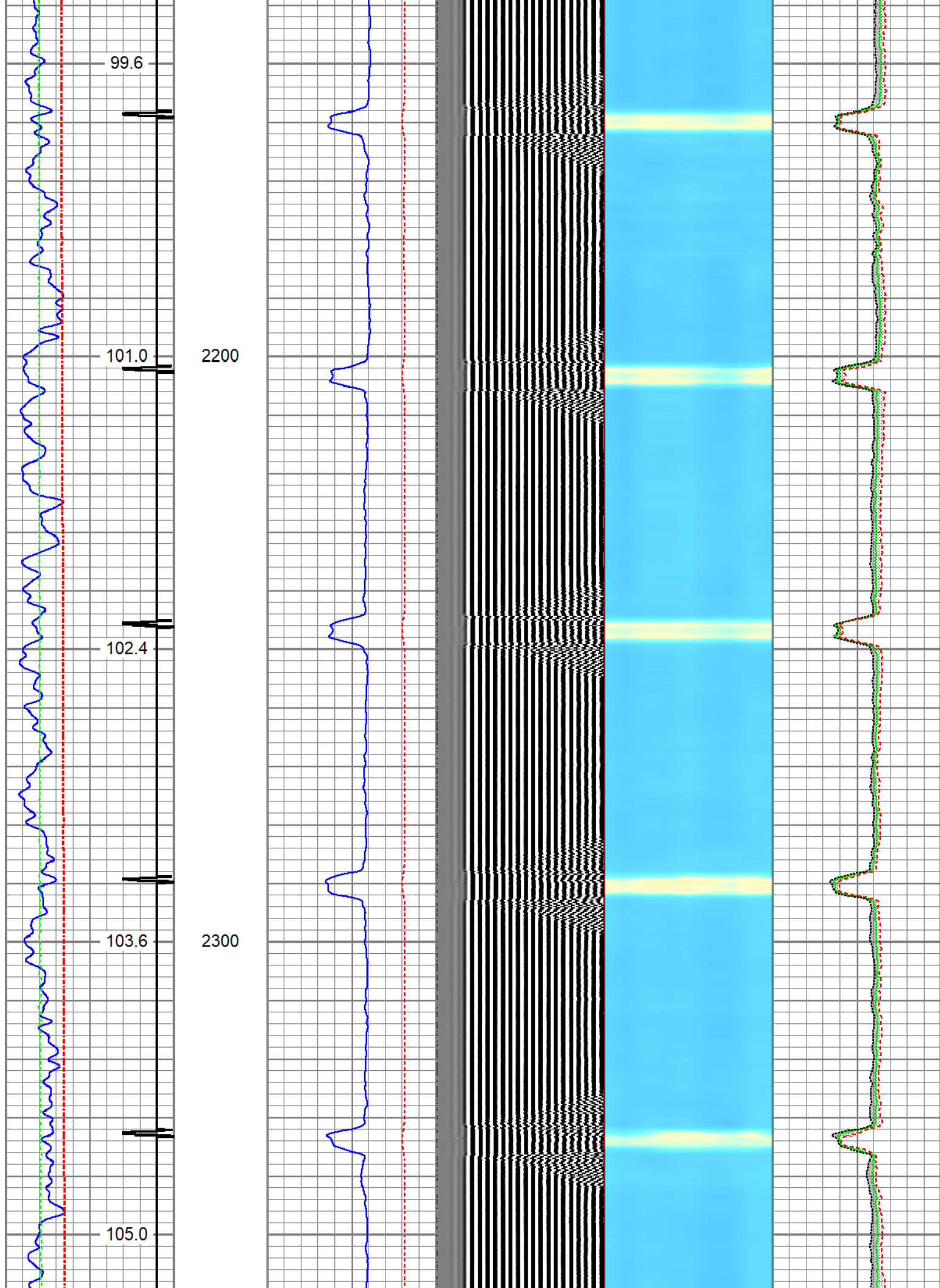


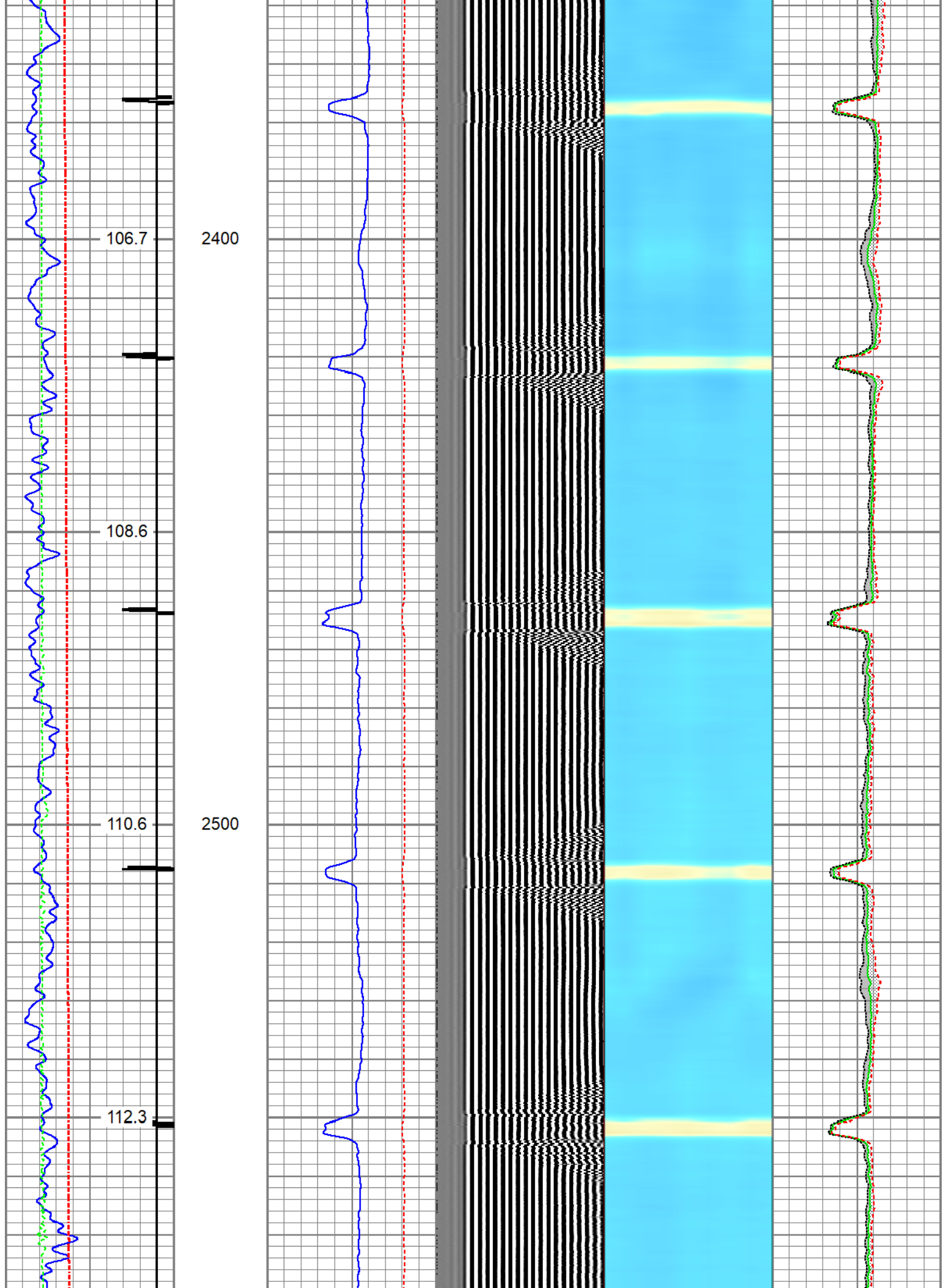


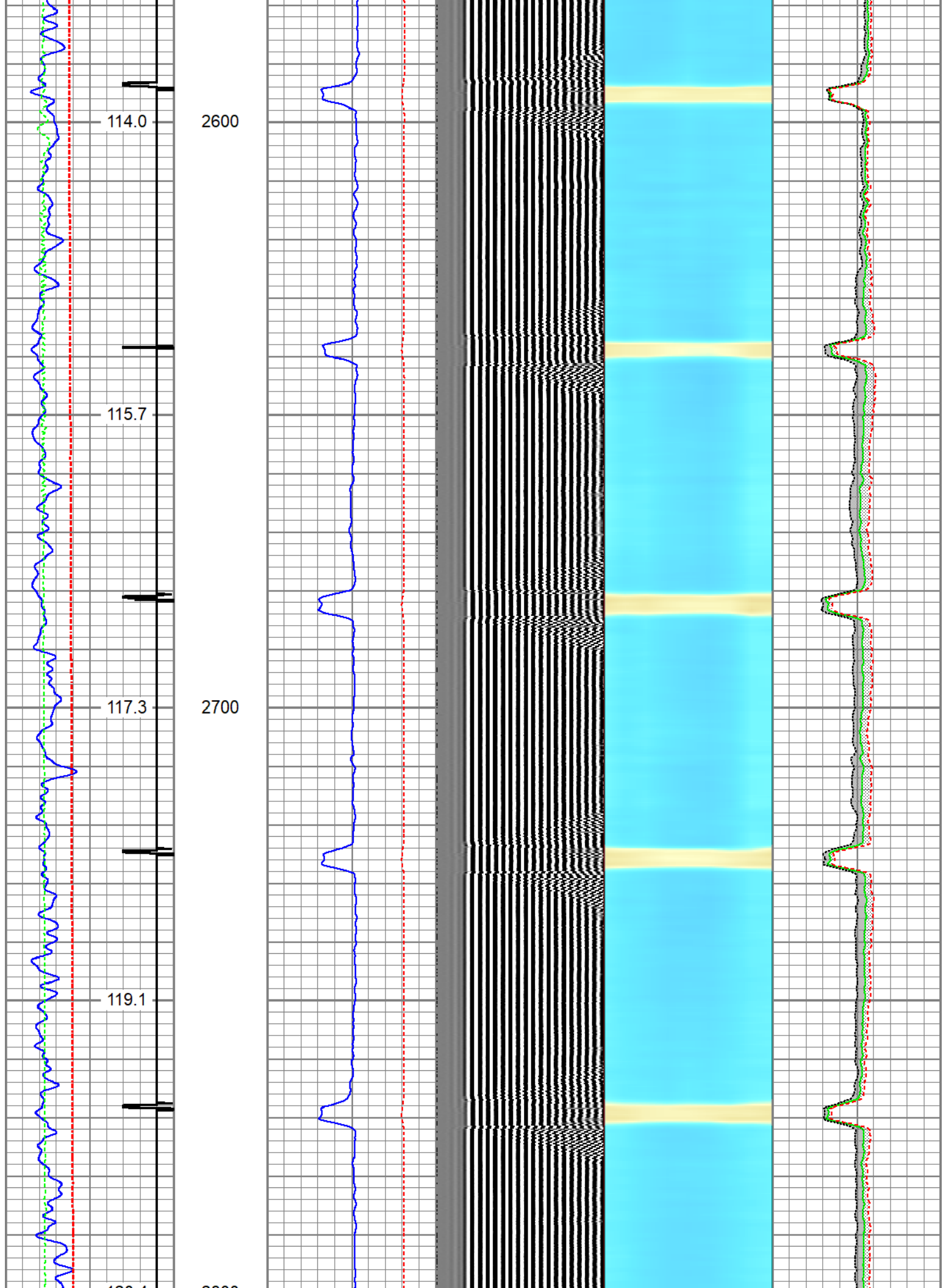


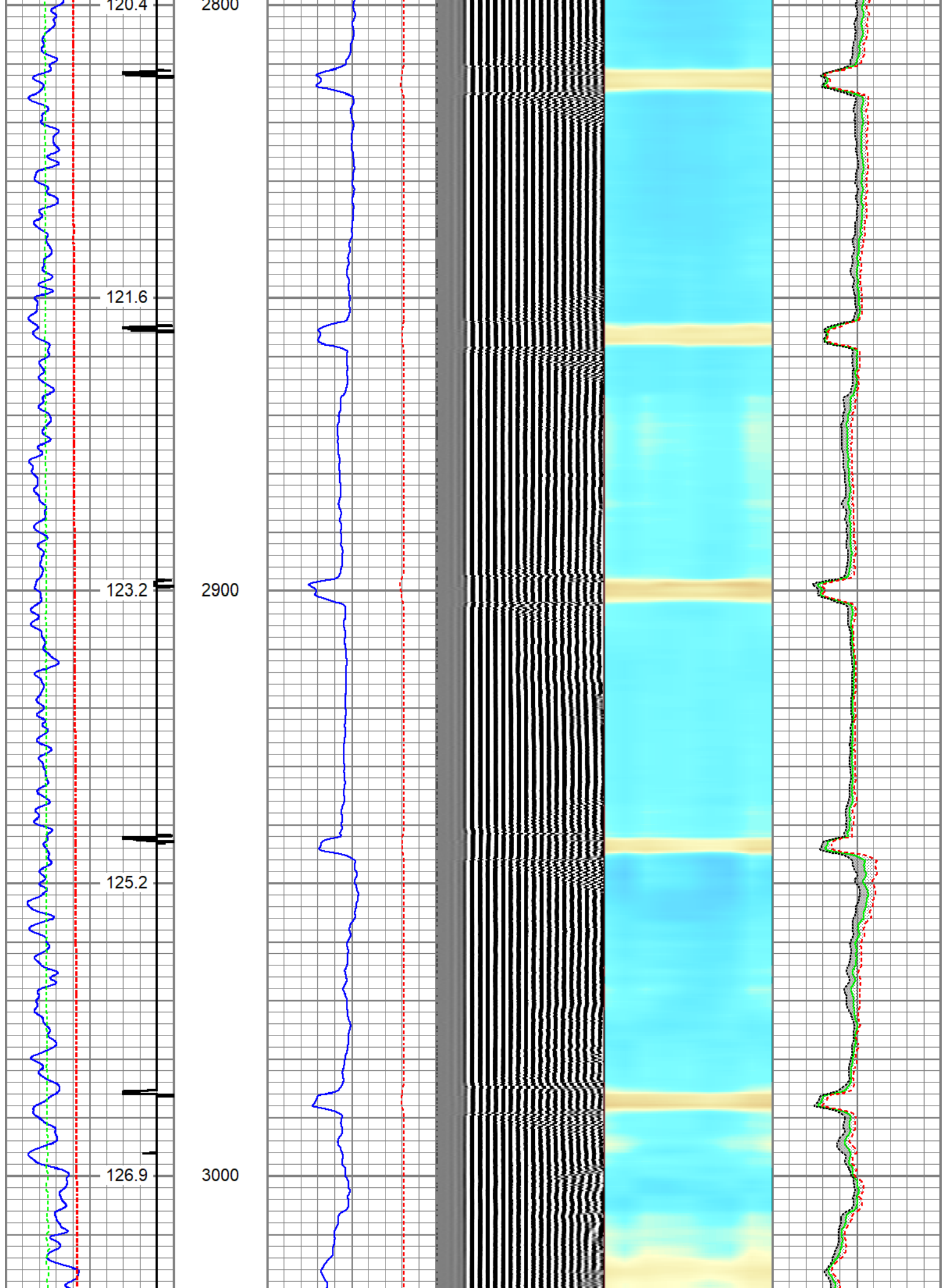


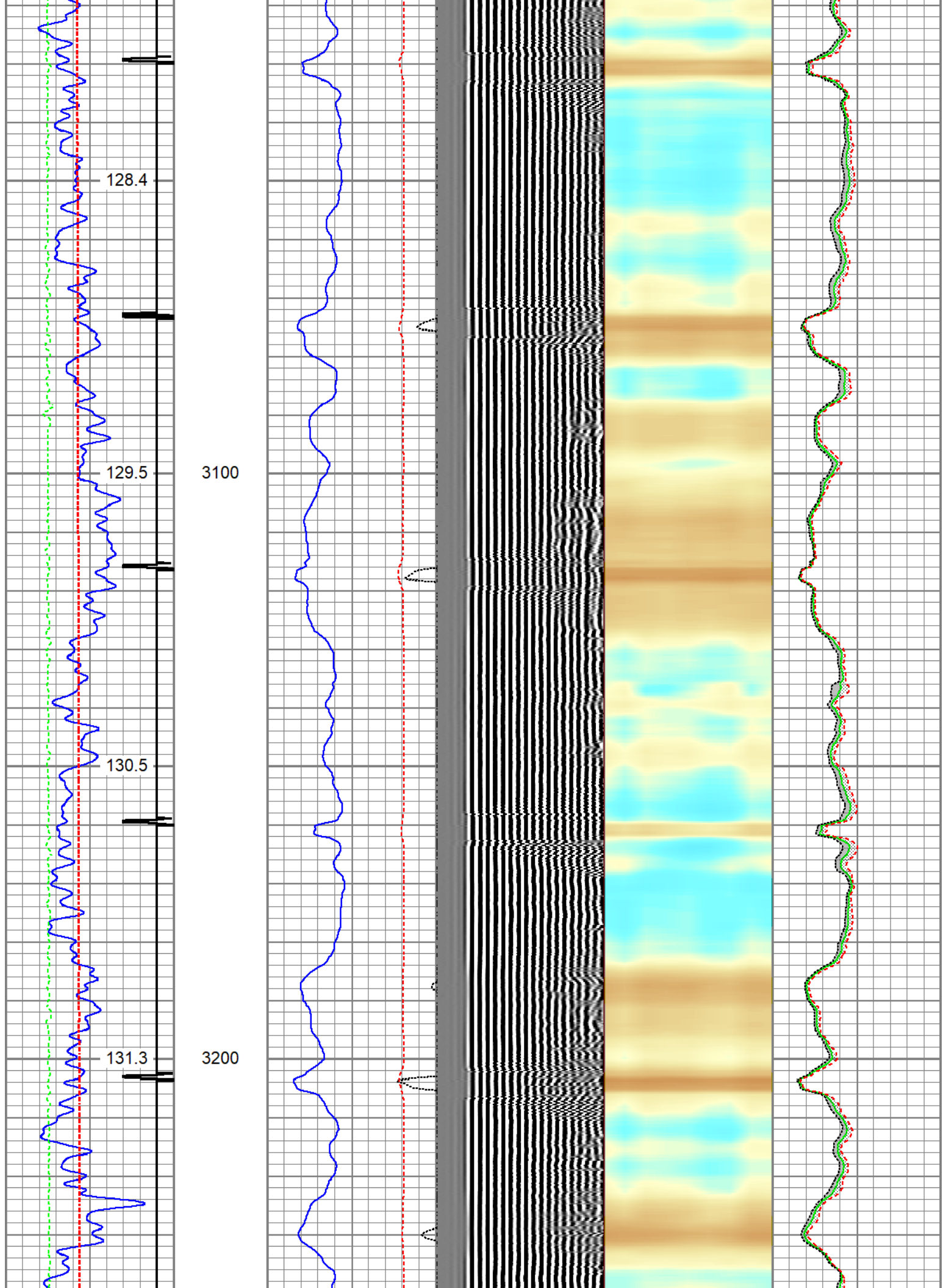


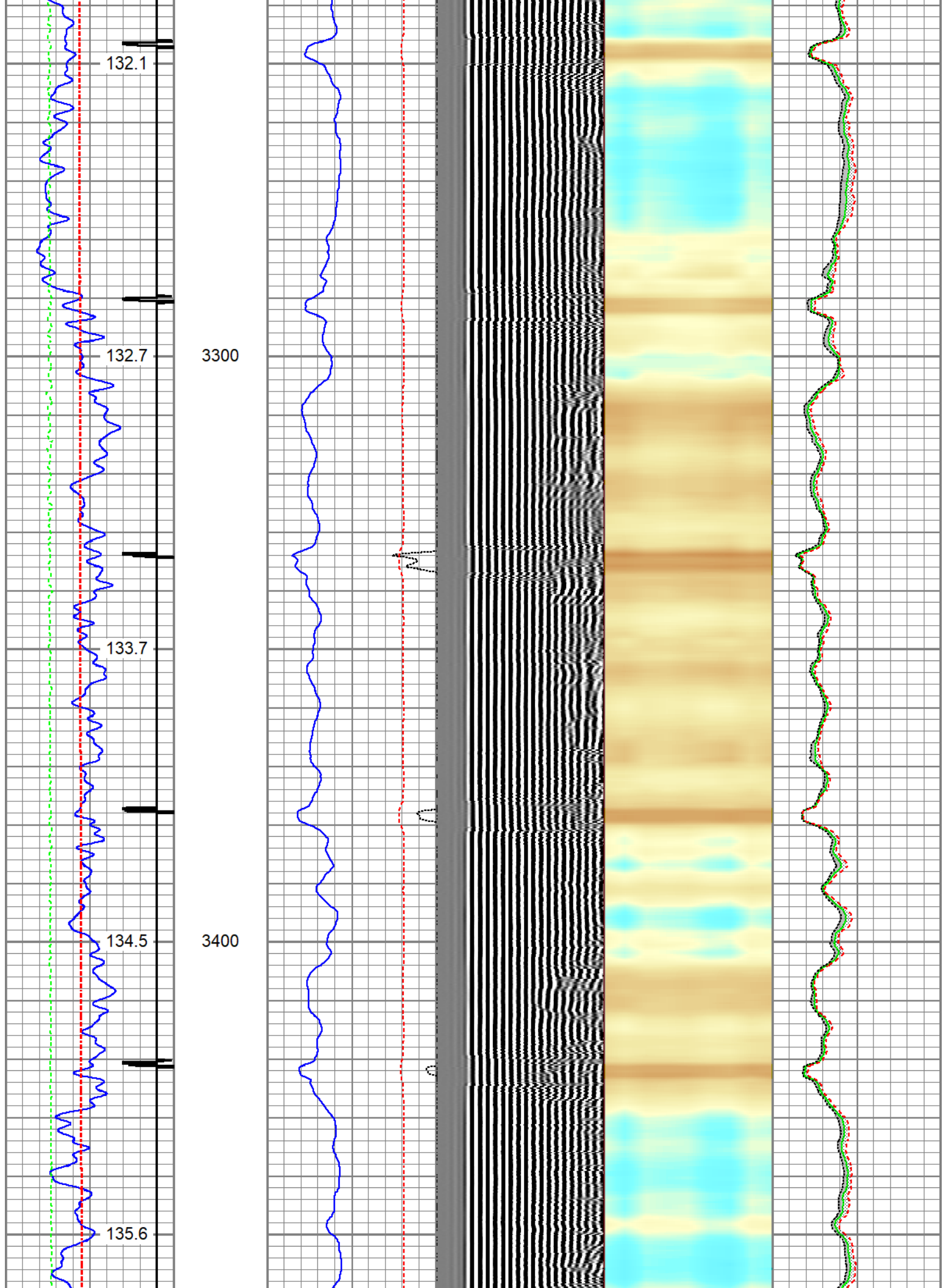


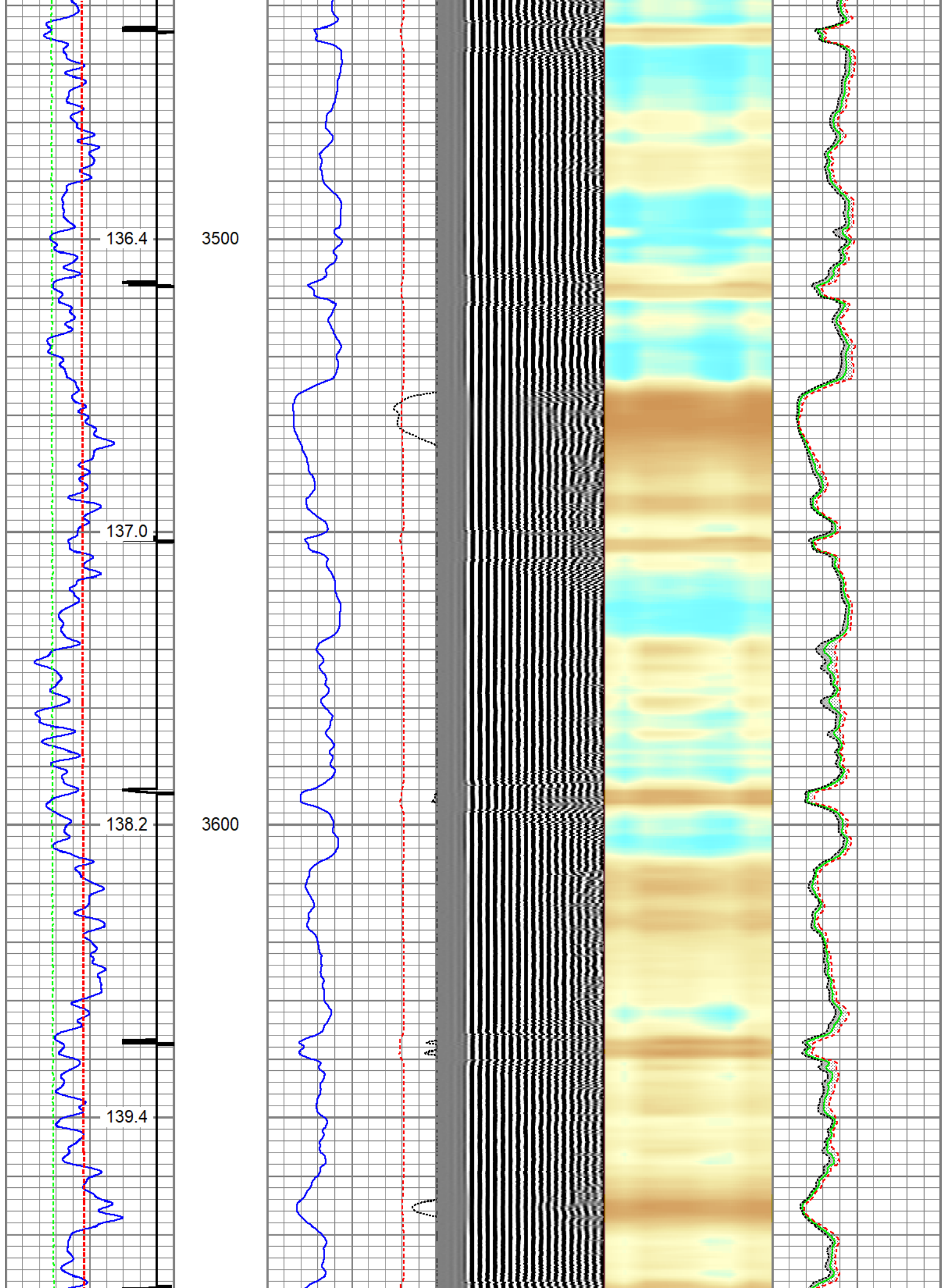


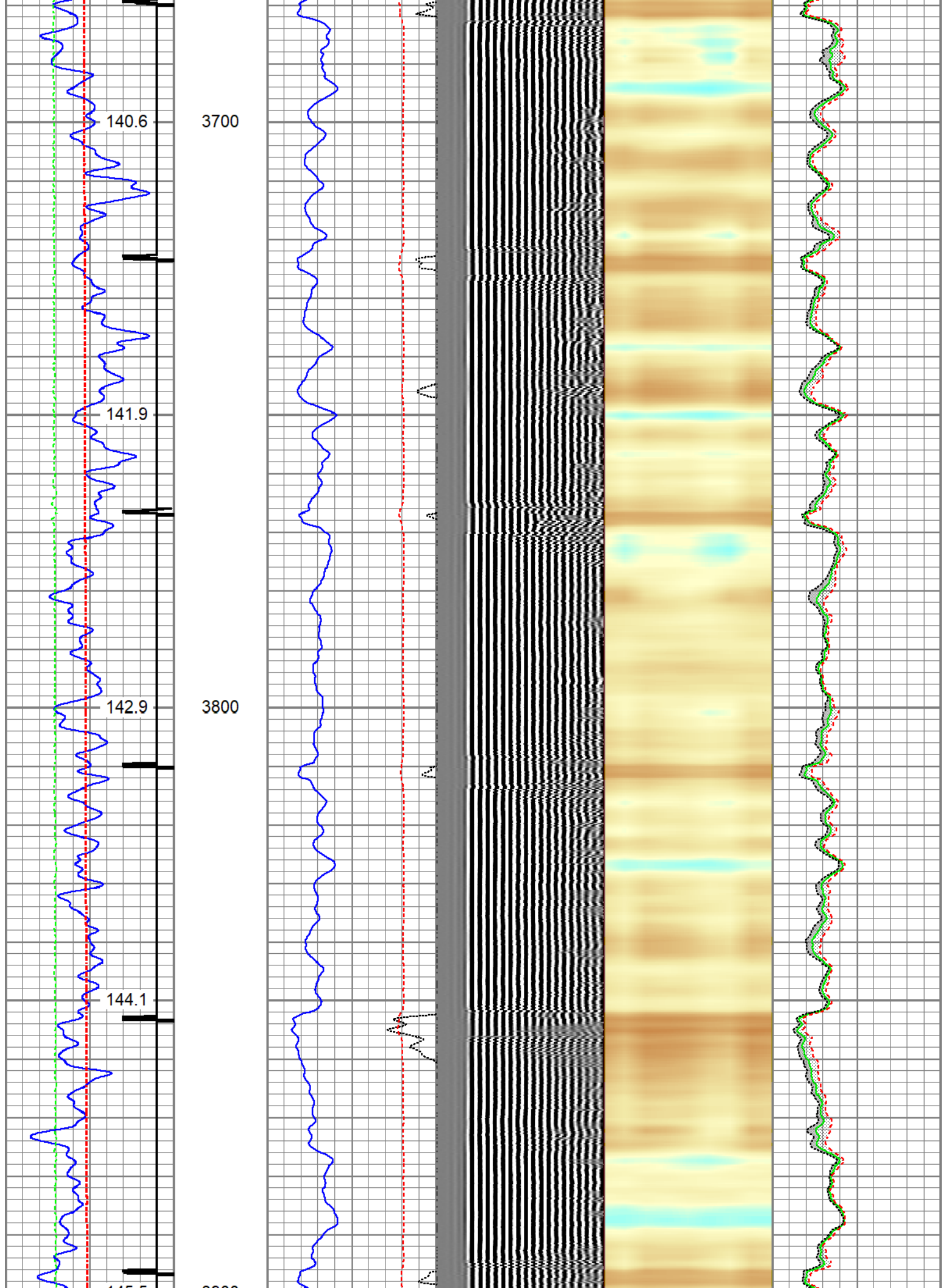


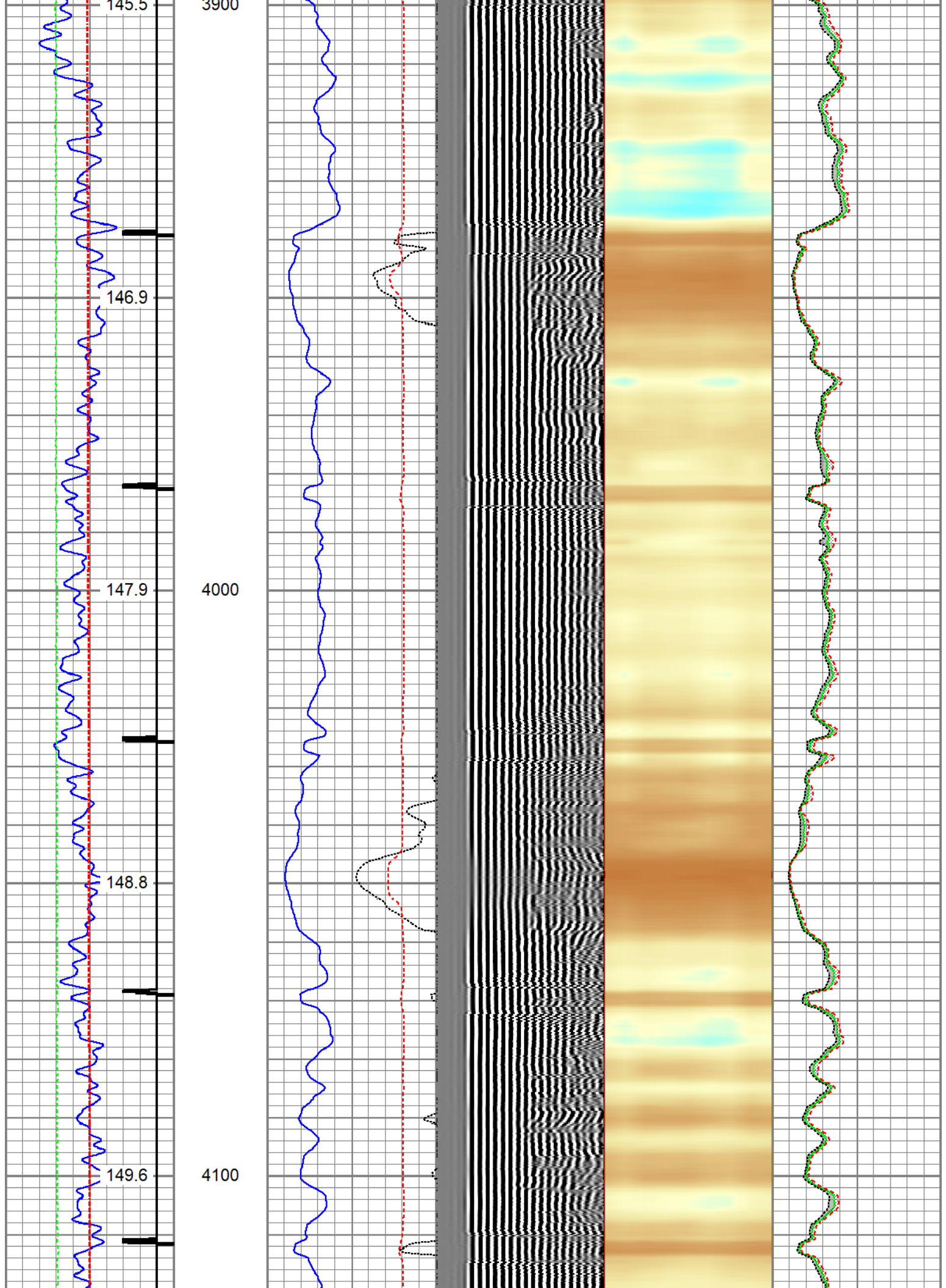


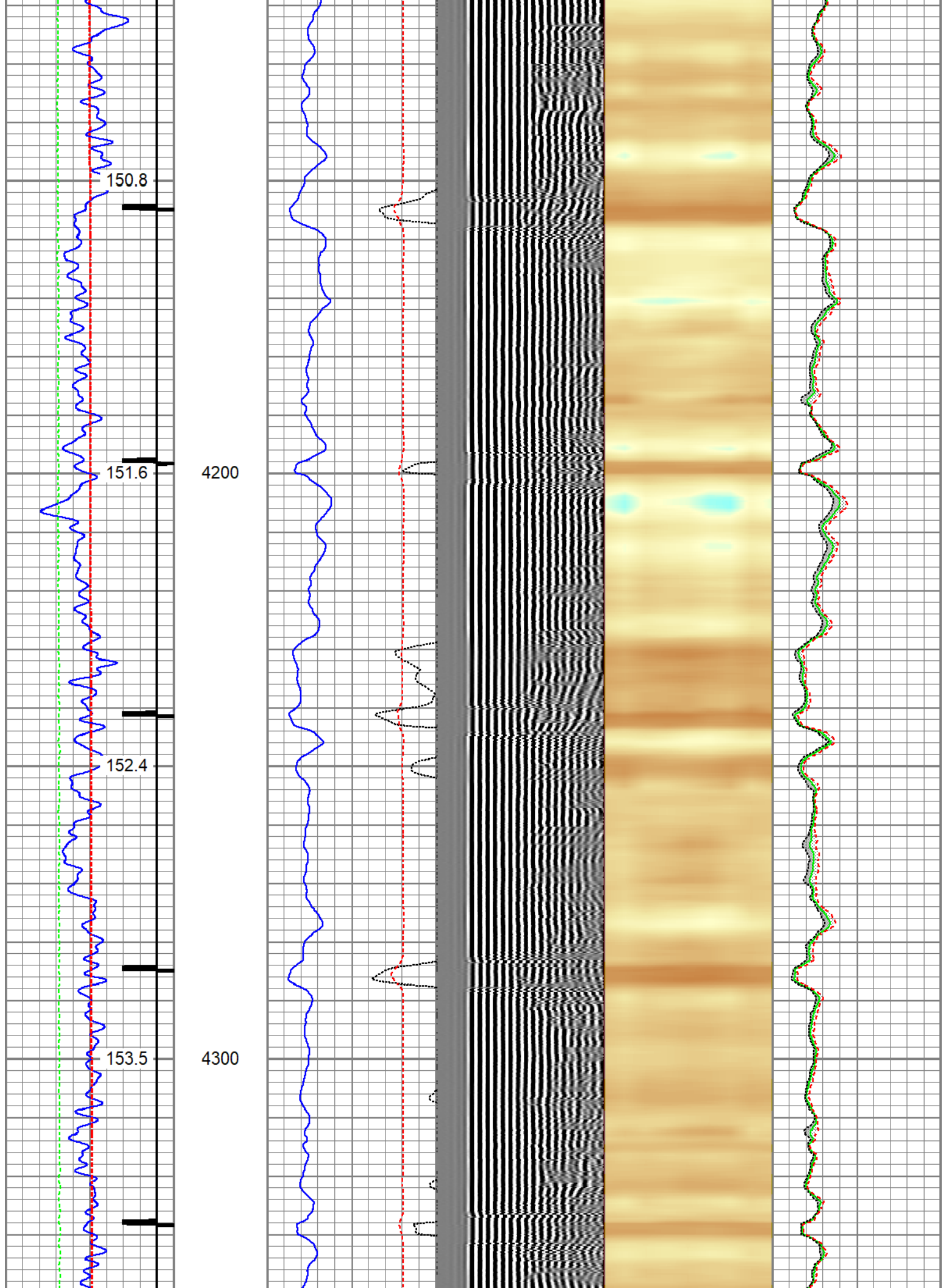


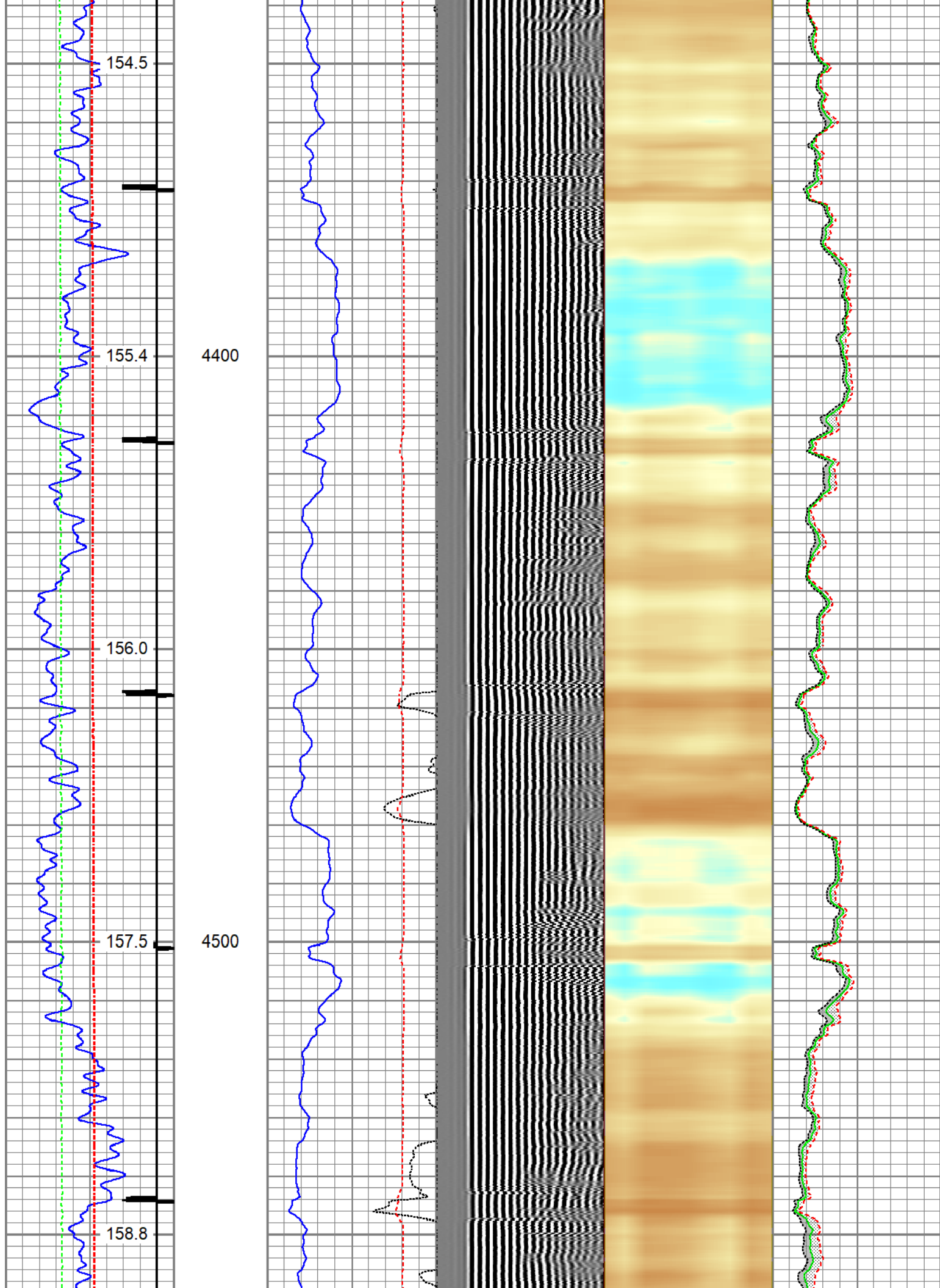


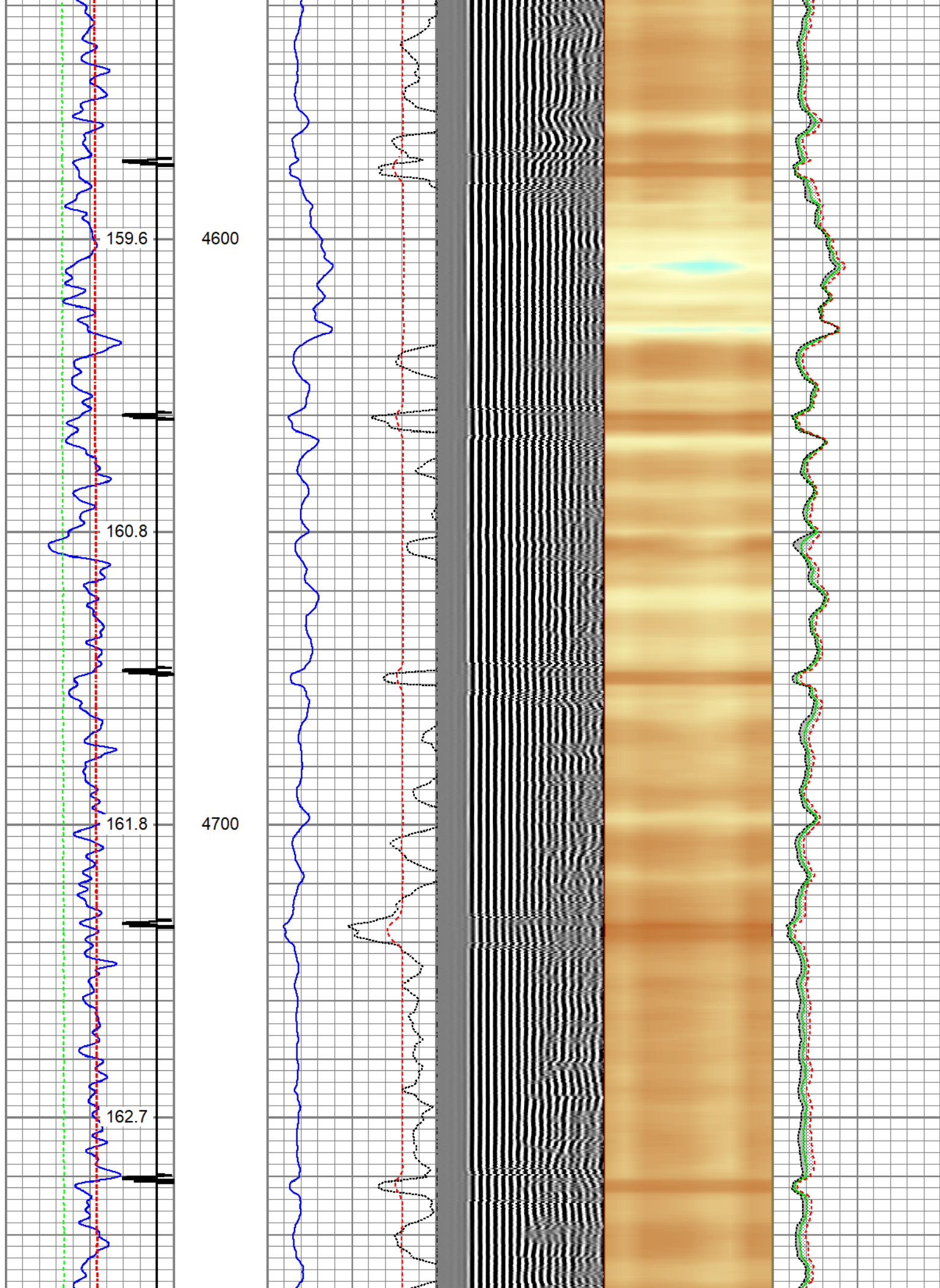


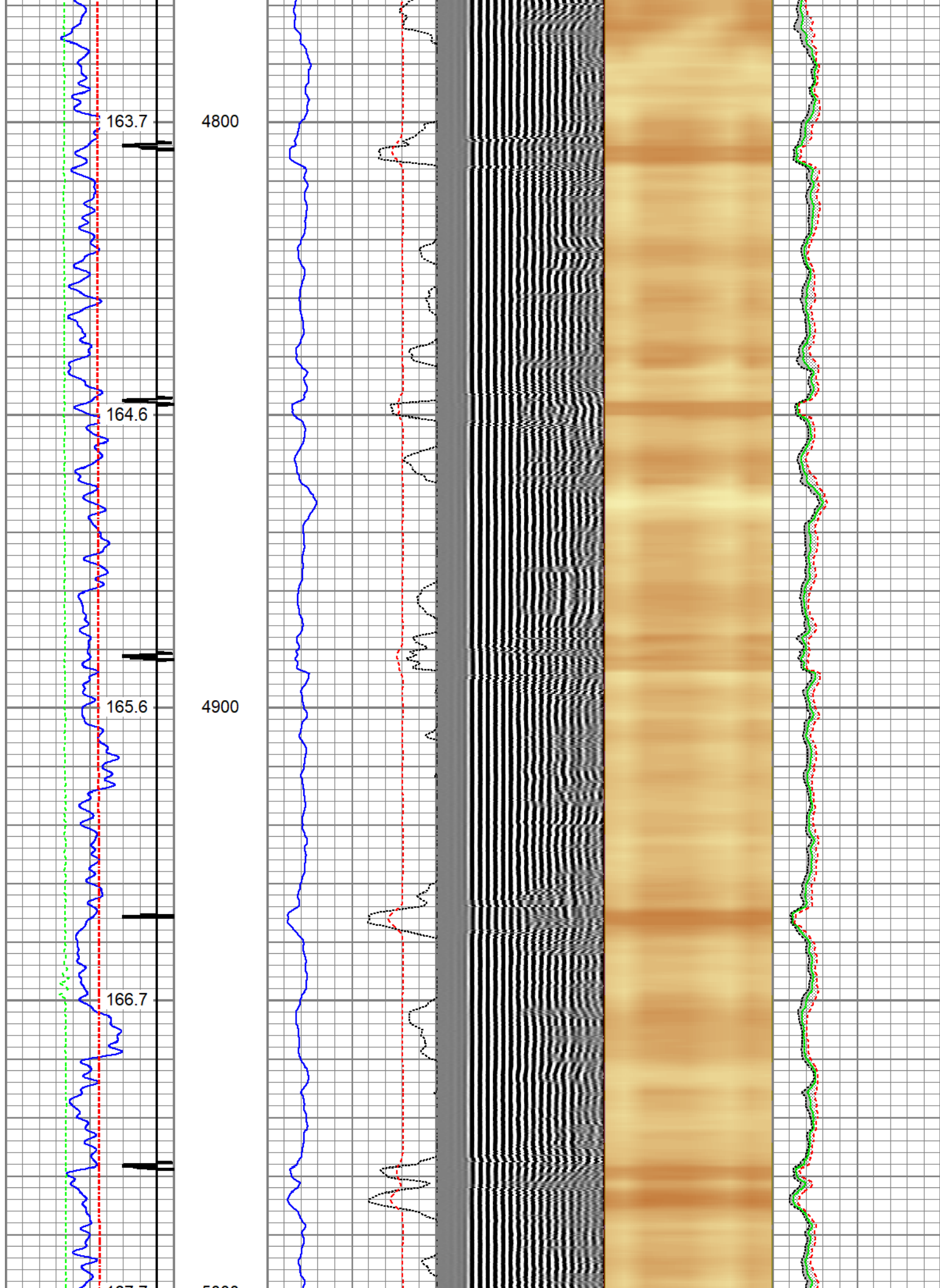


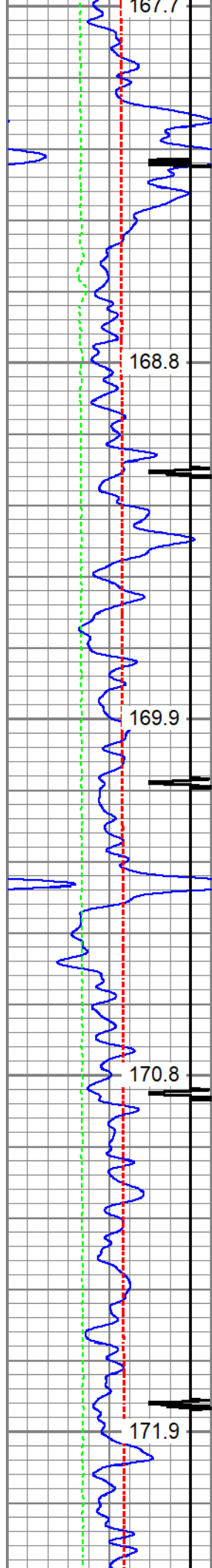




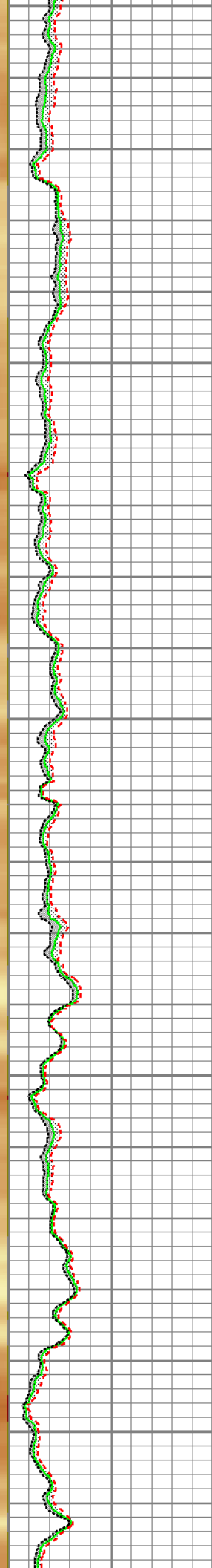
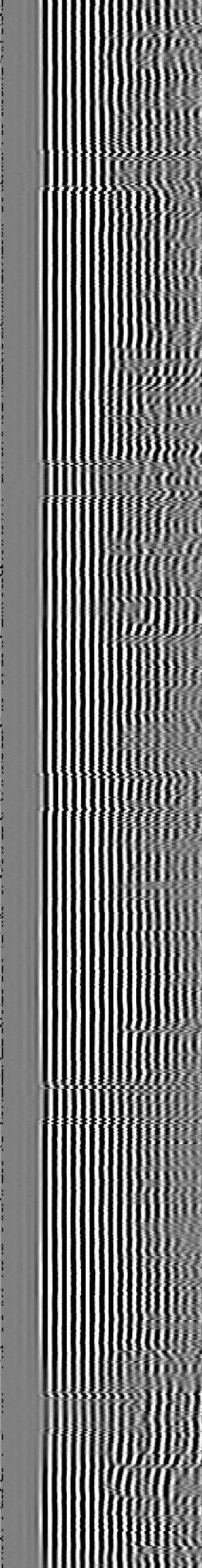
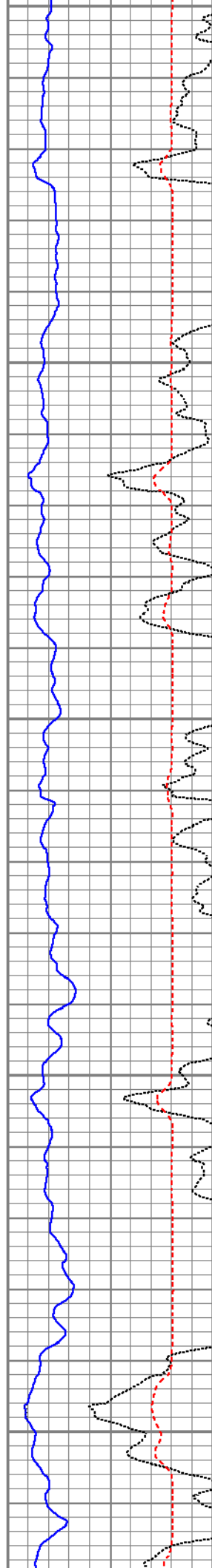


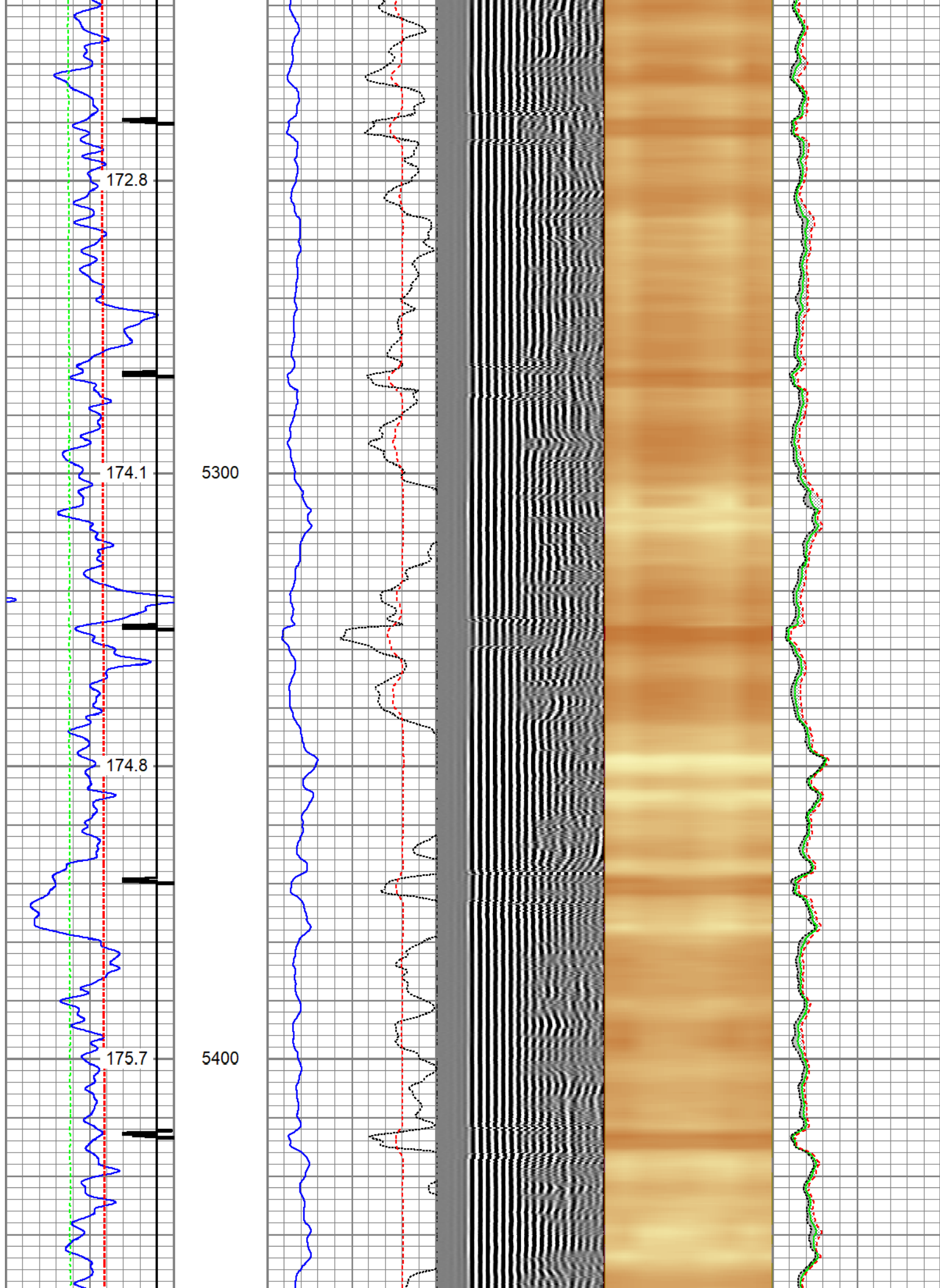


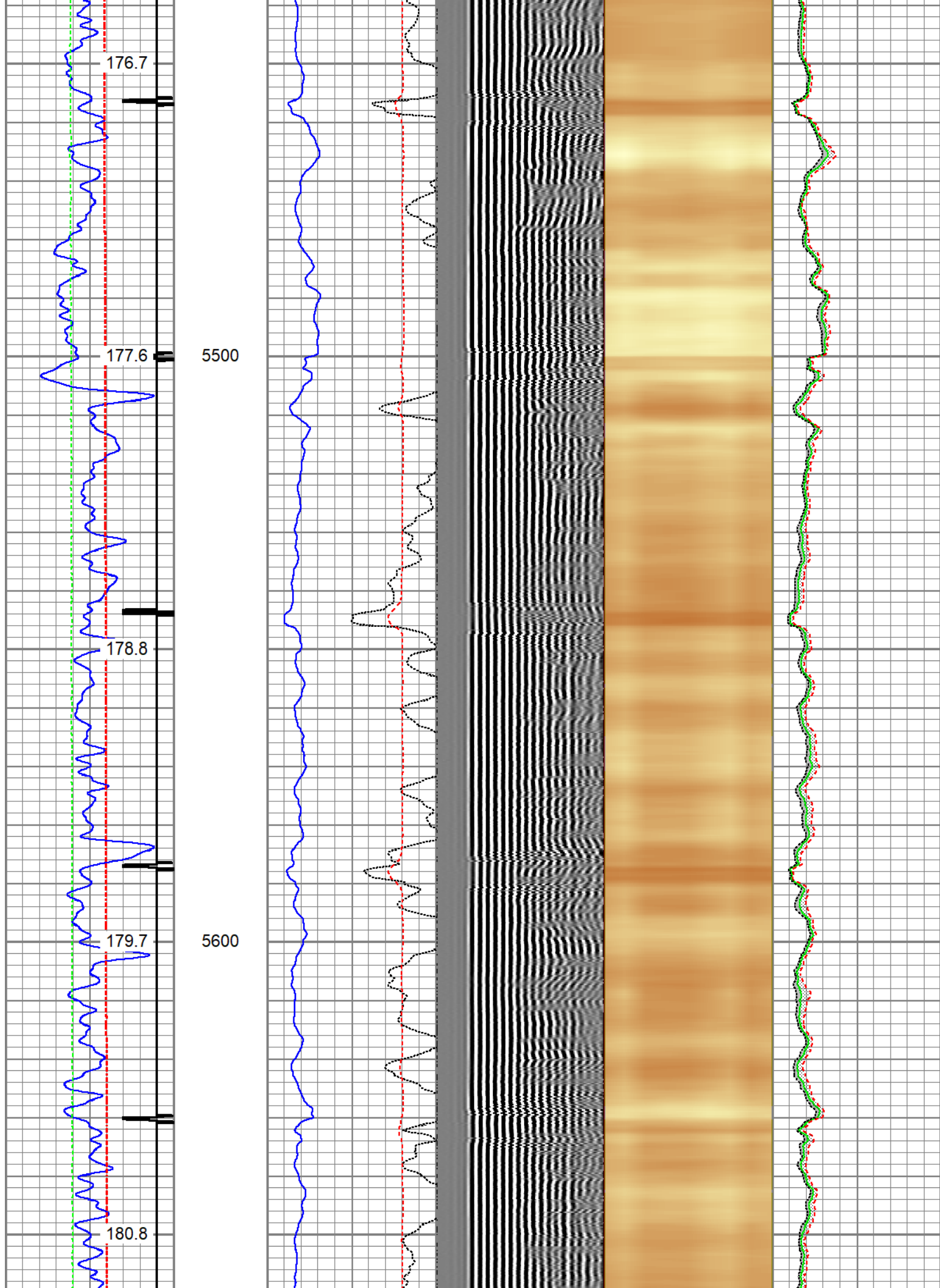


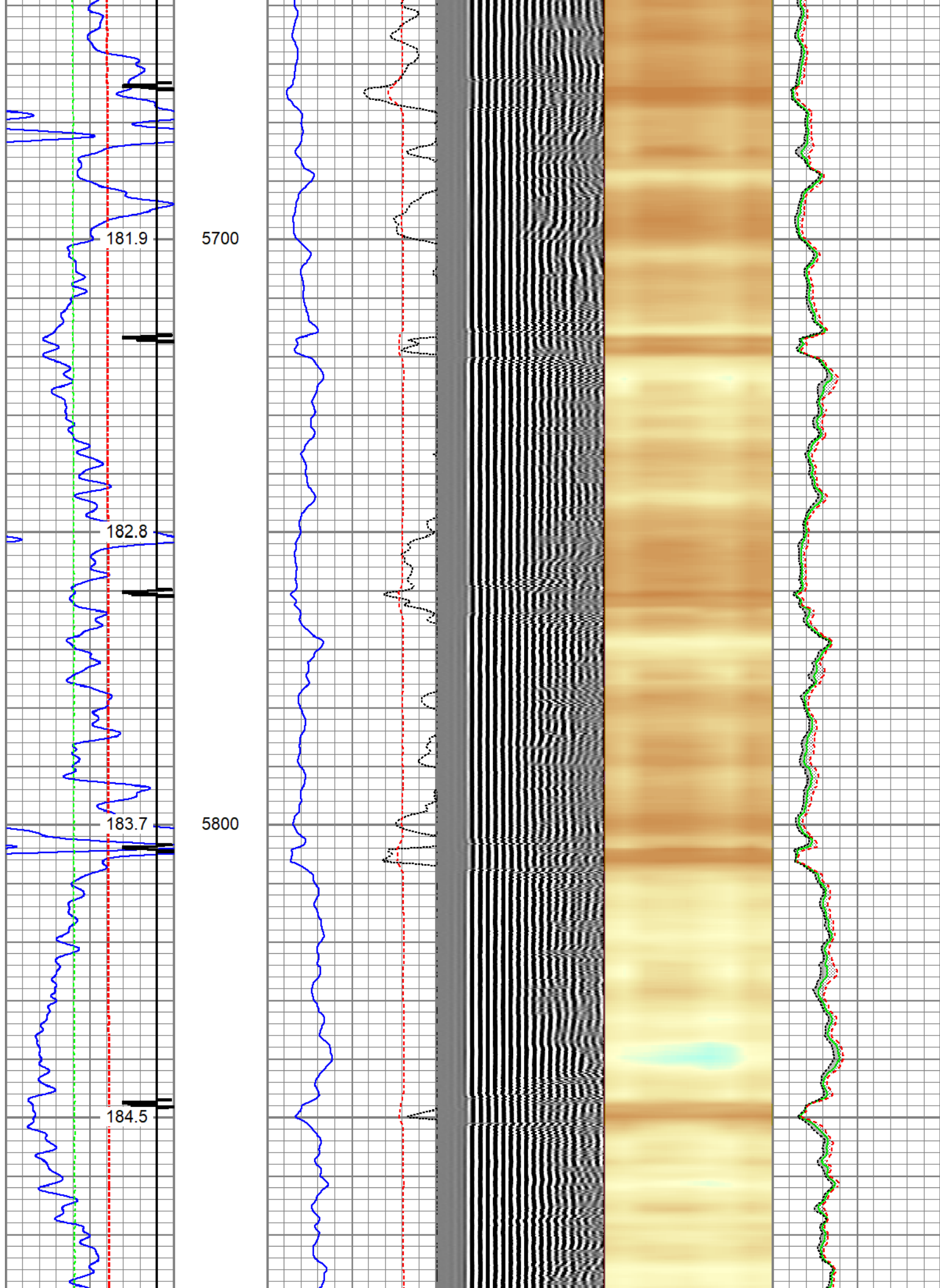


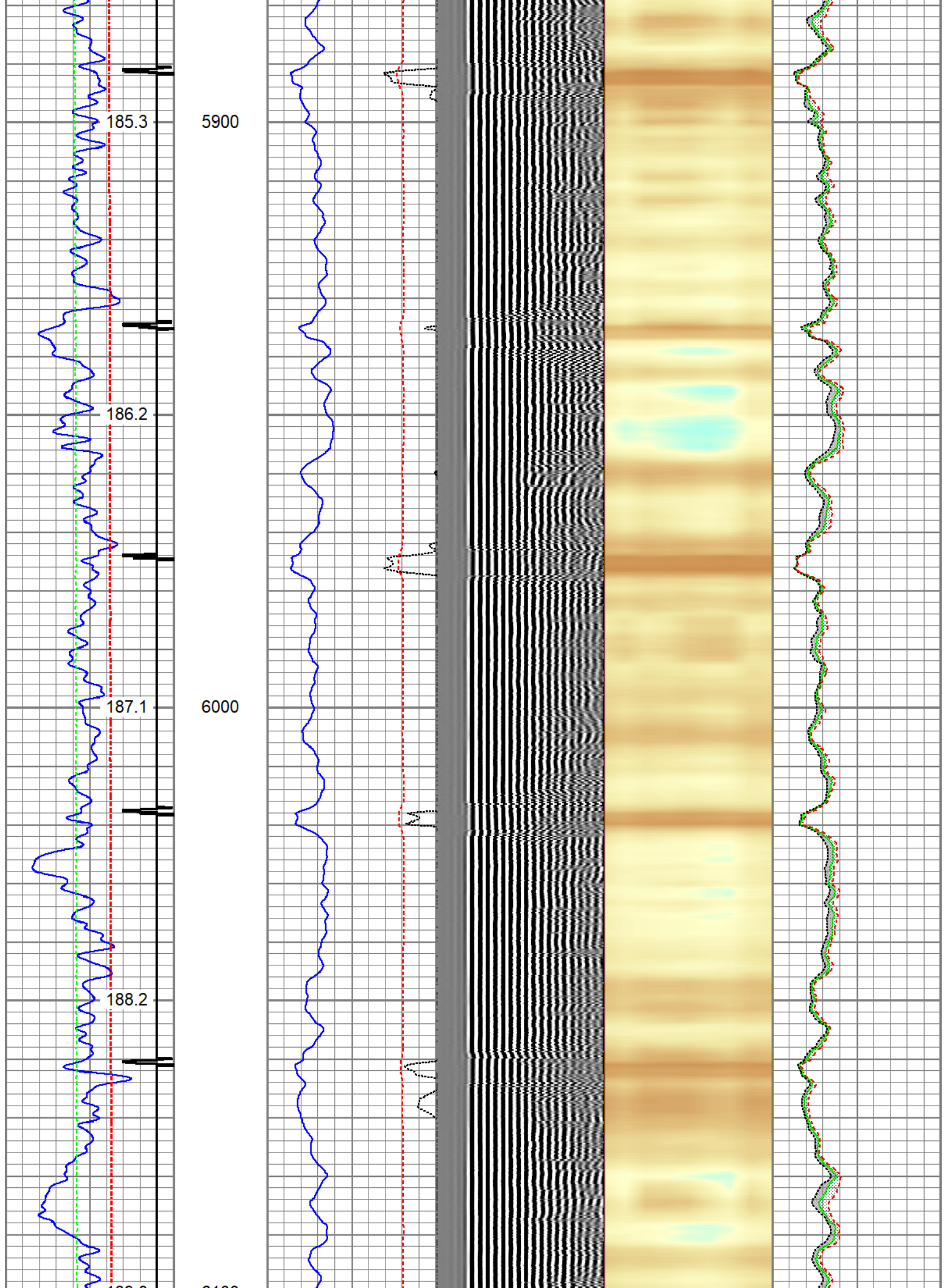
5000
5100
5200

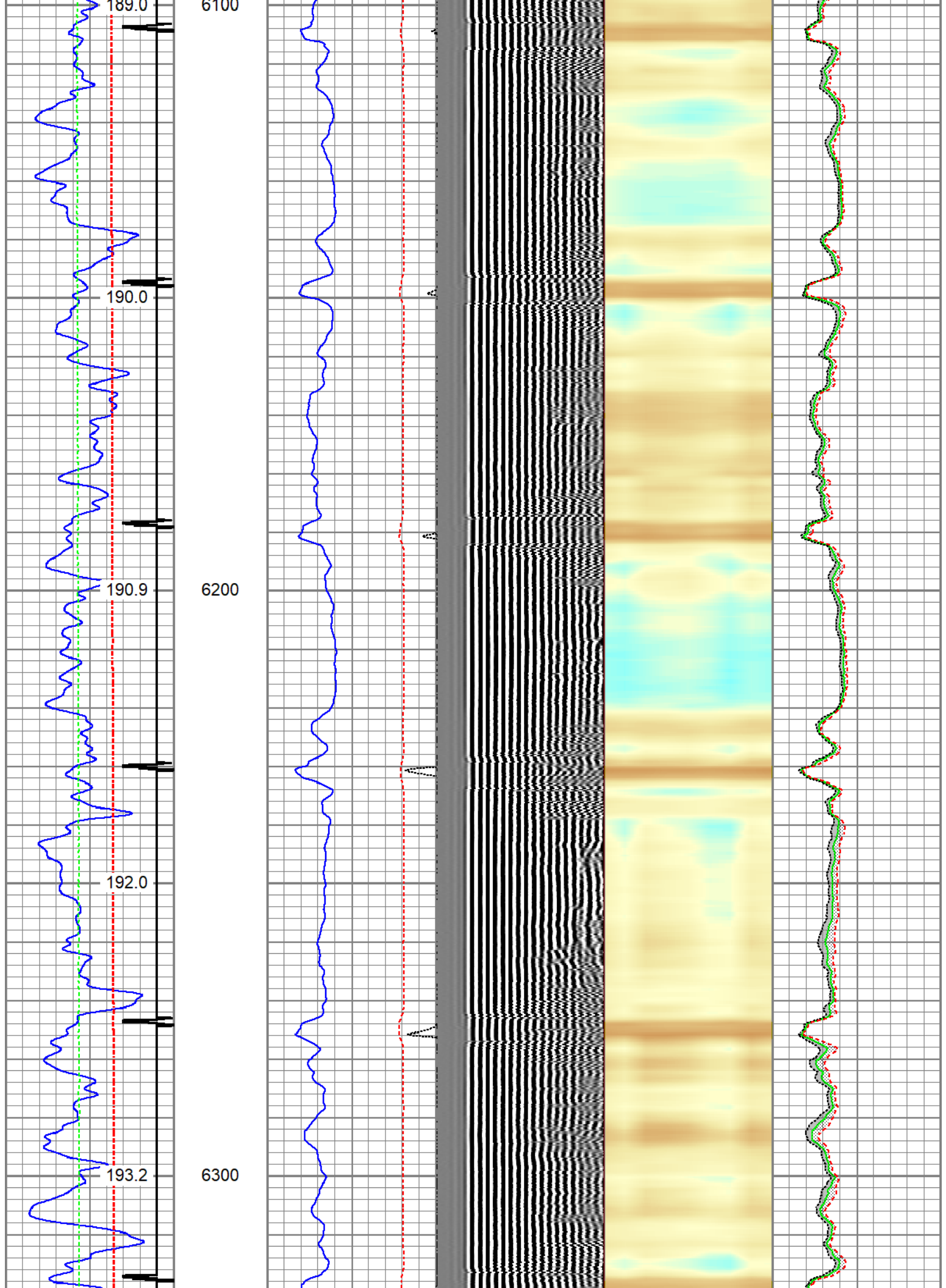


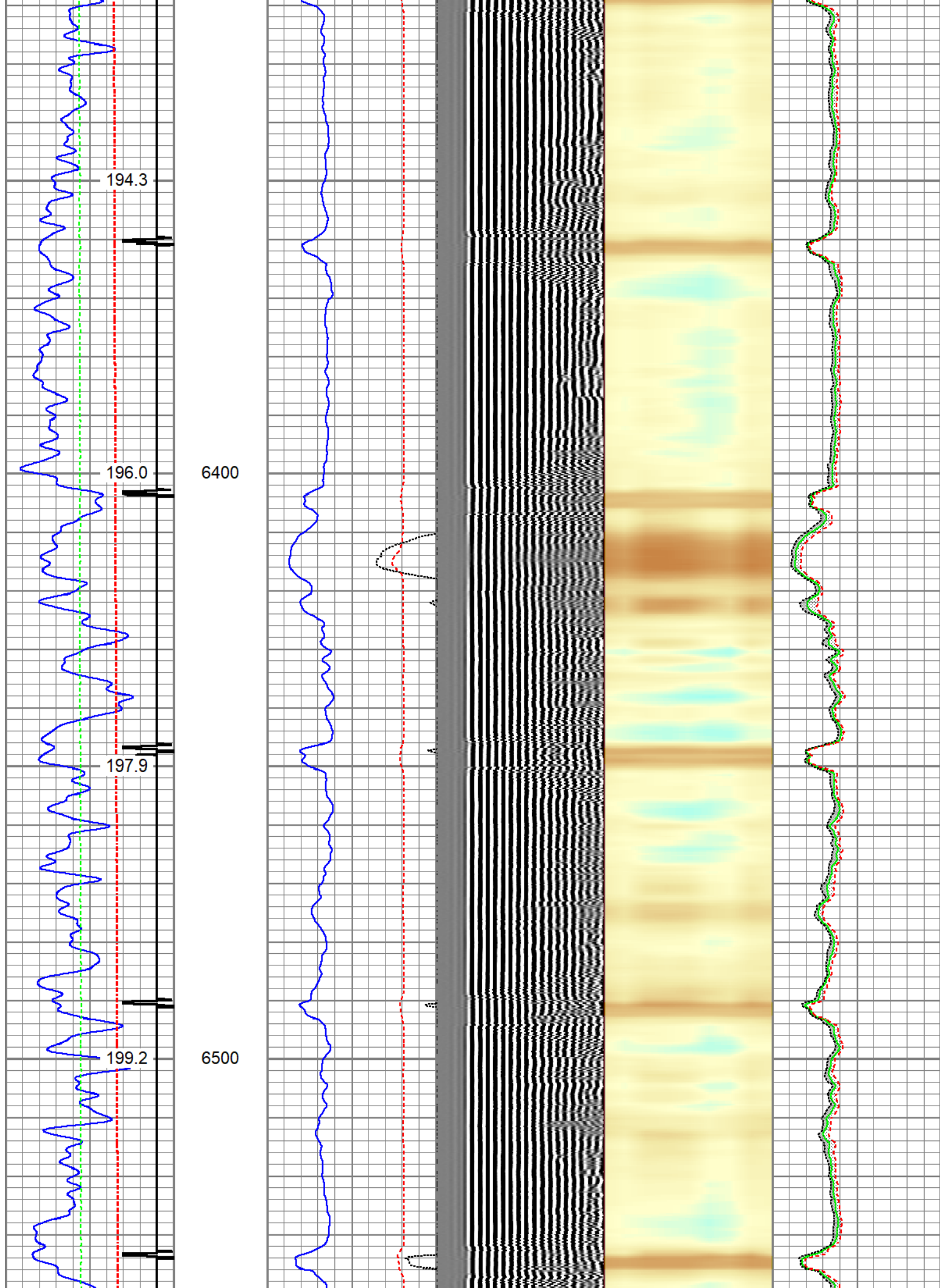


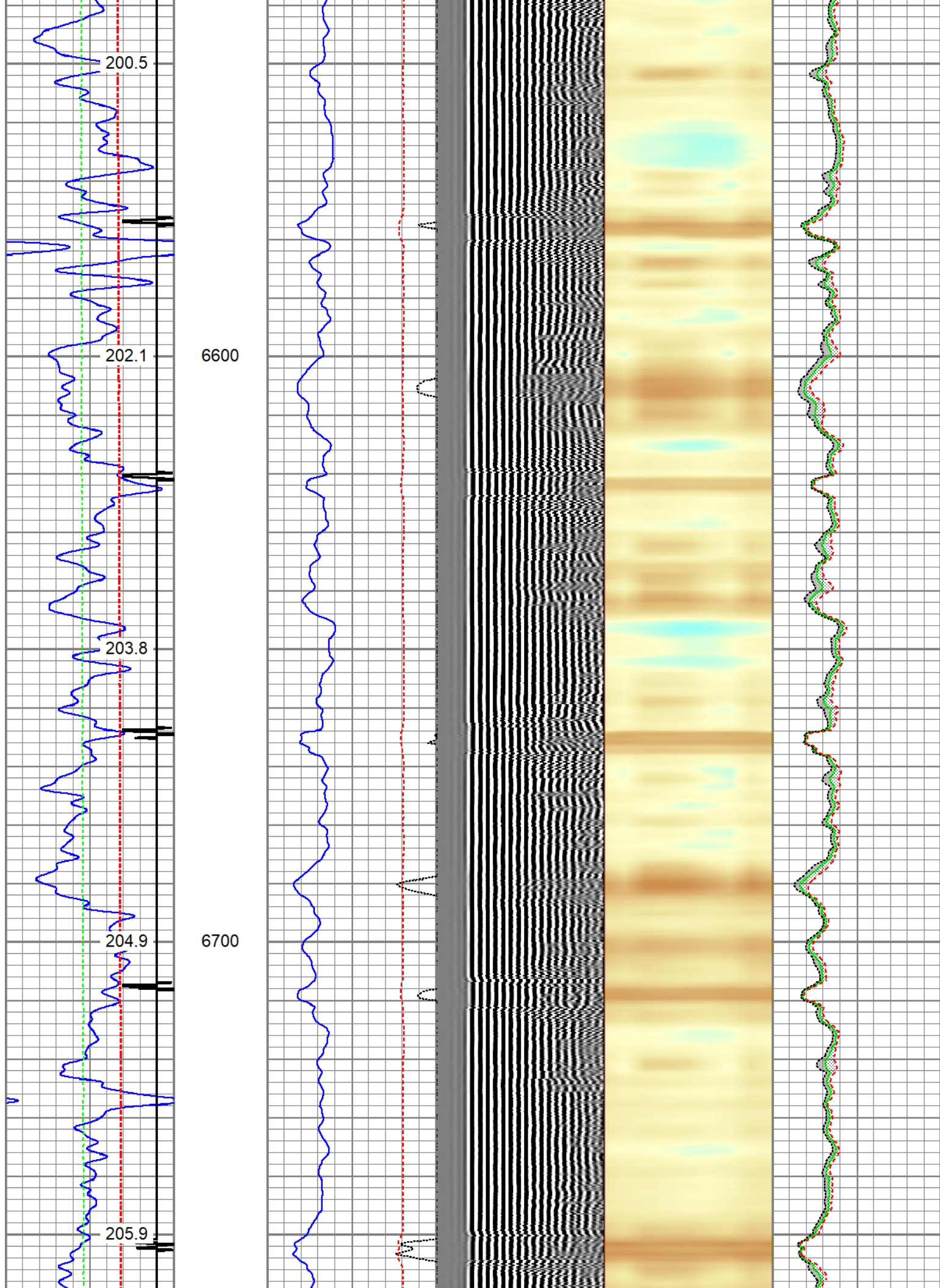


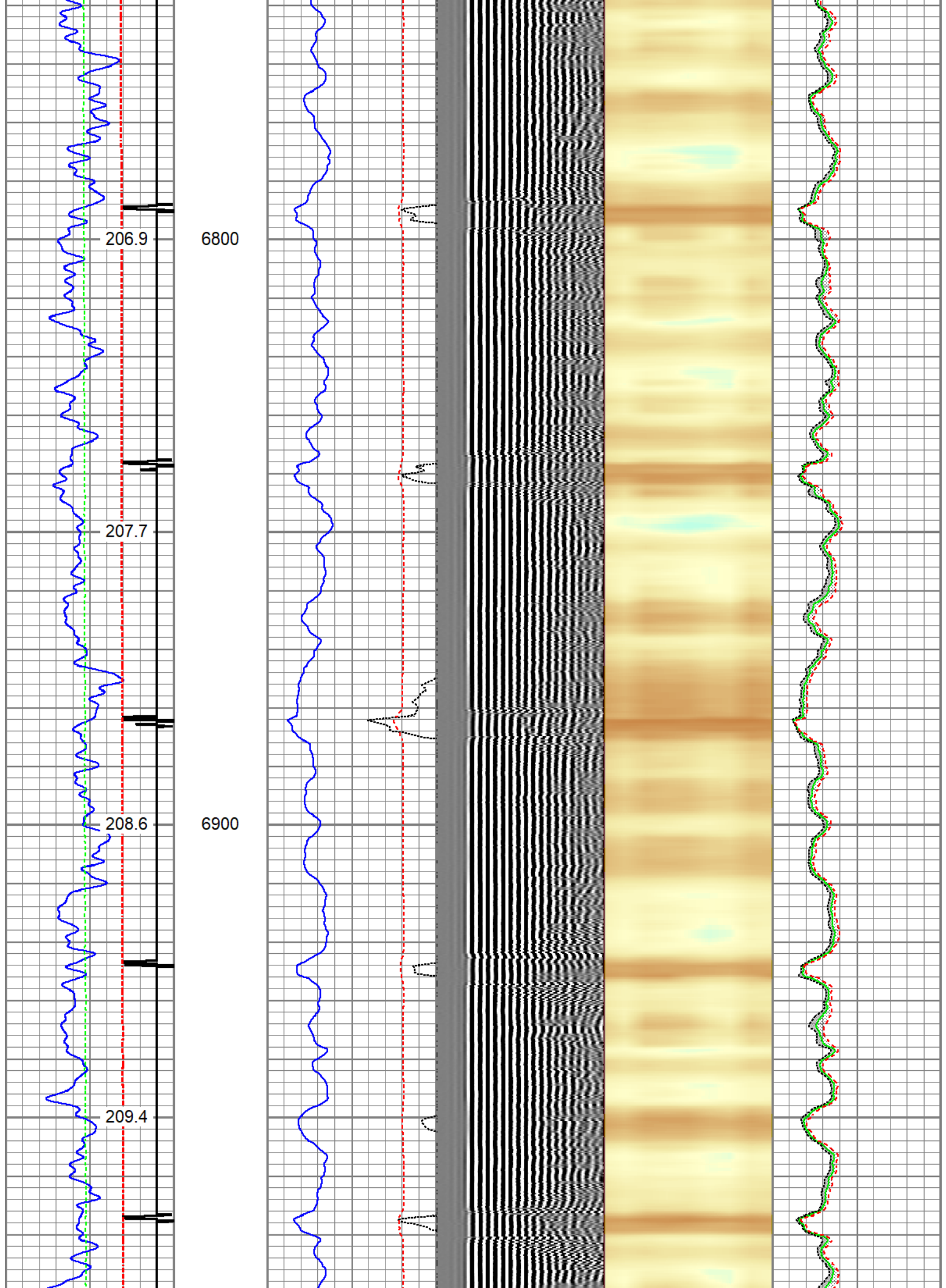


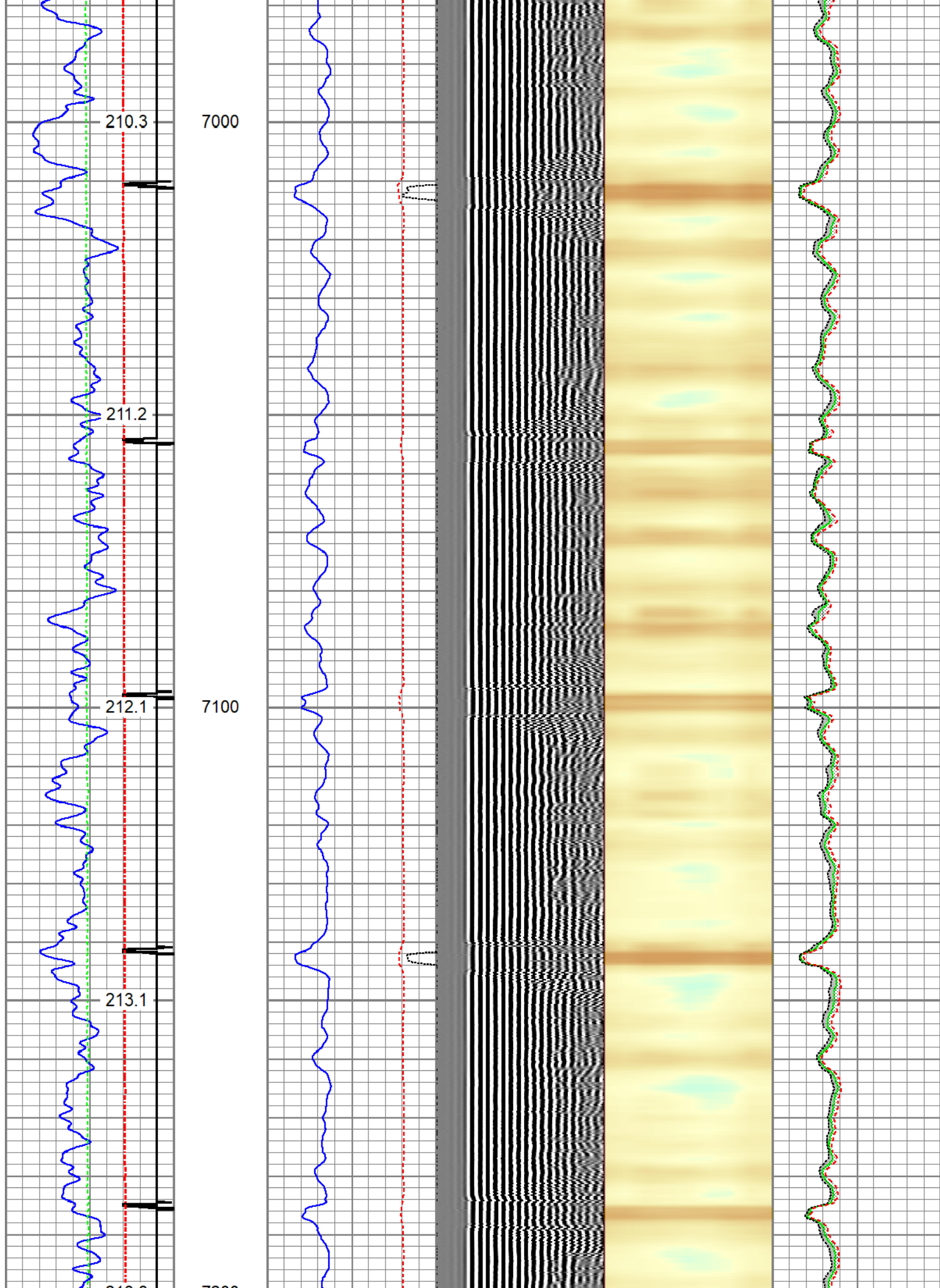


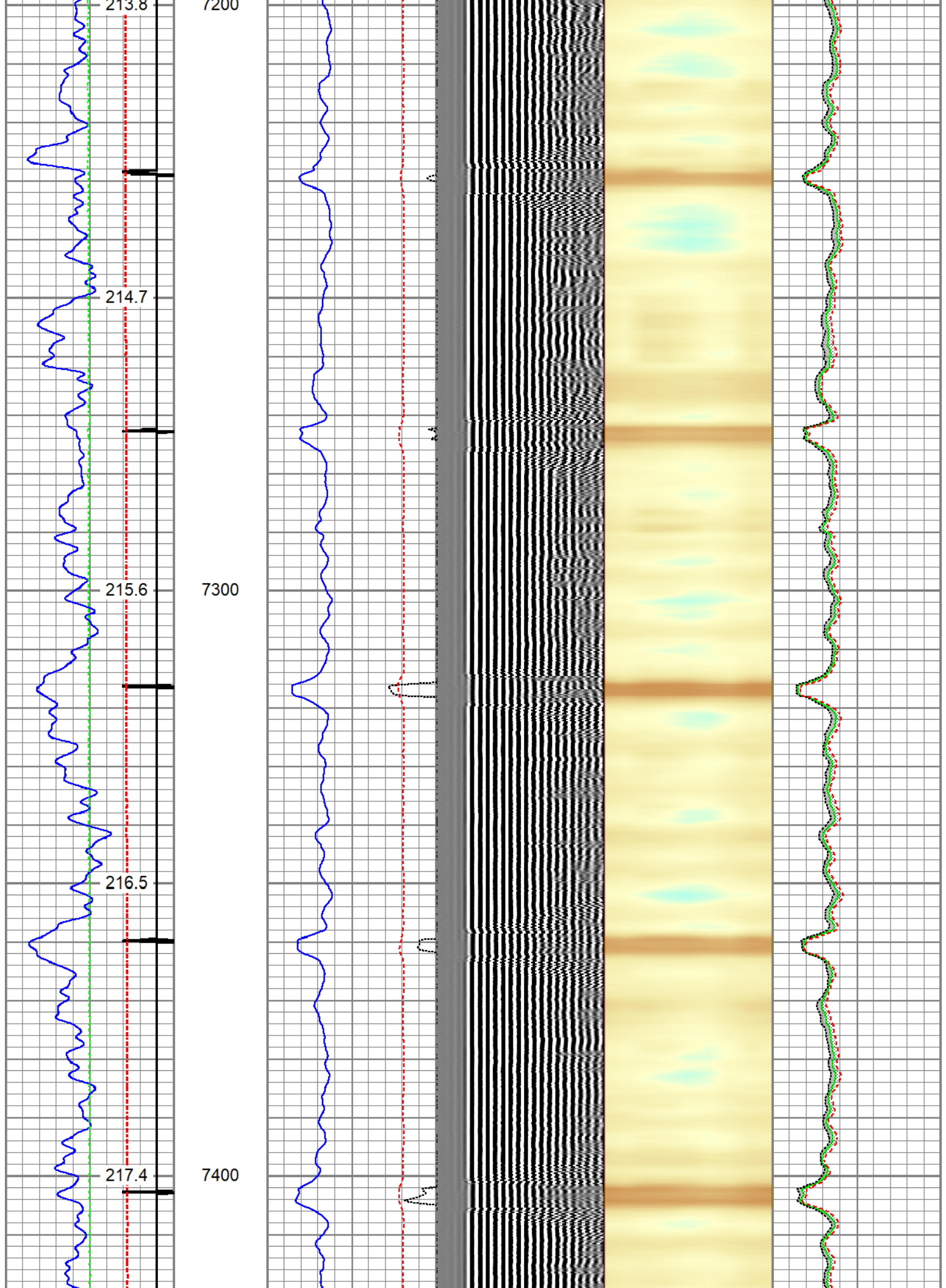


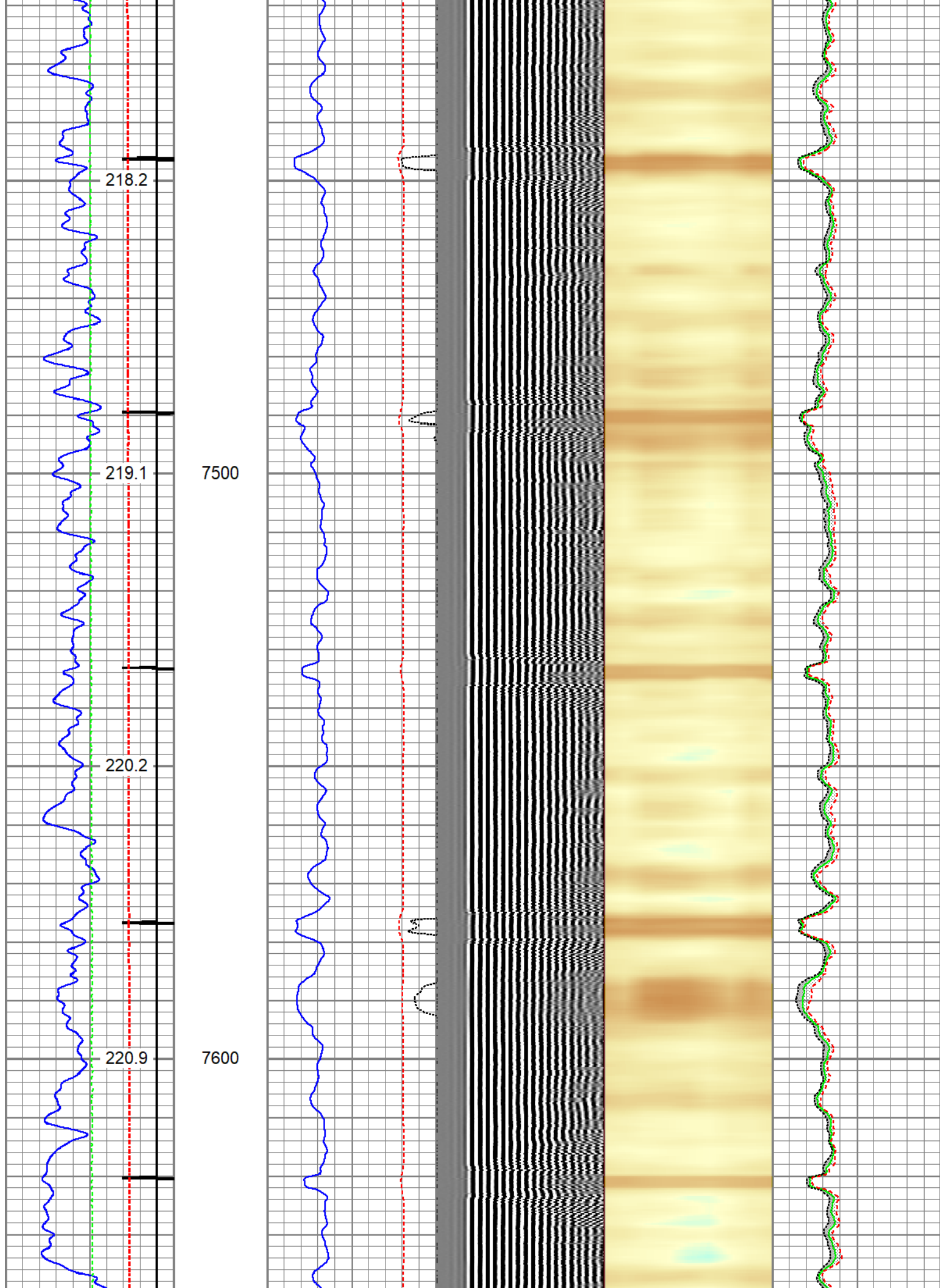


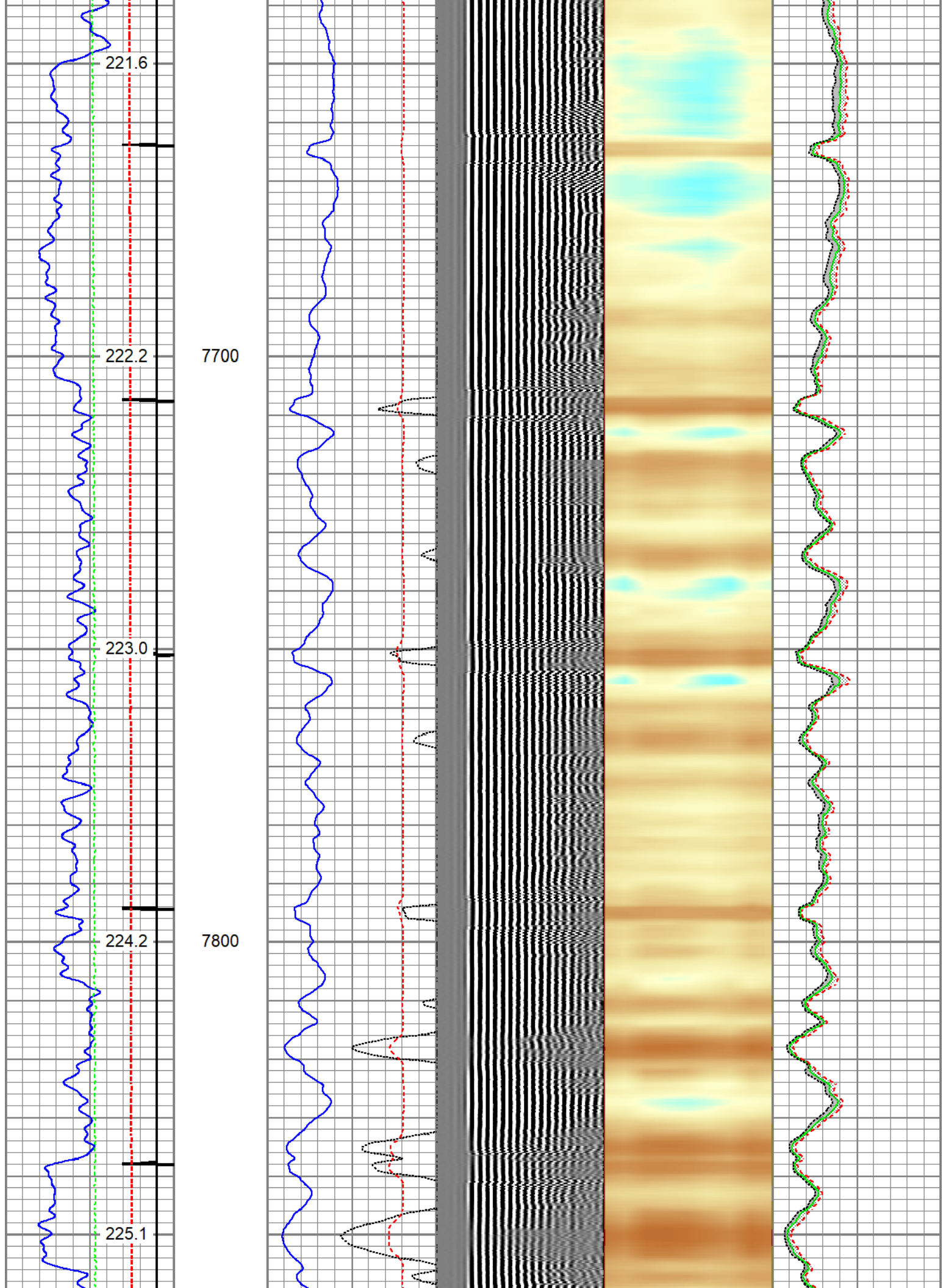


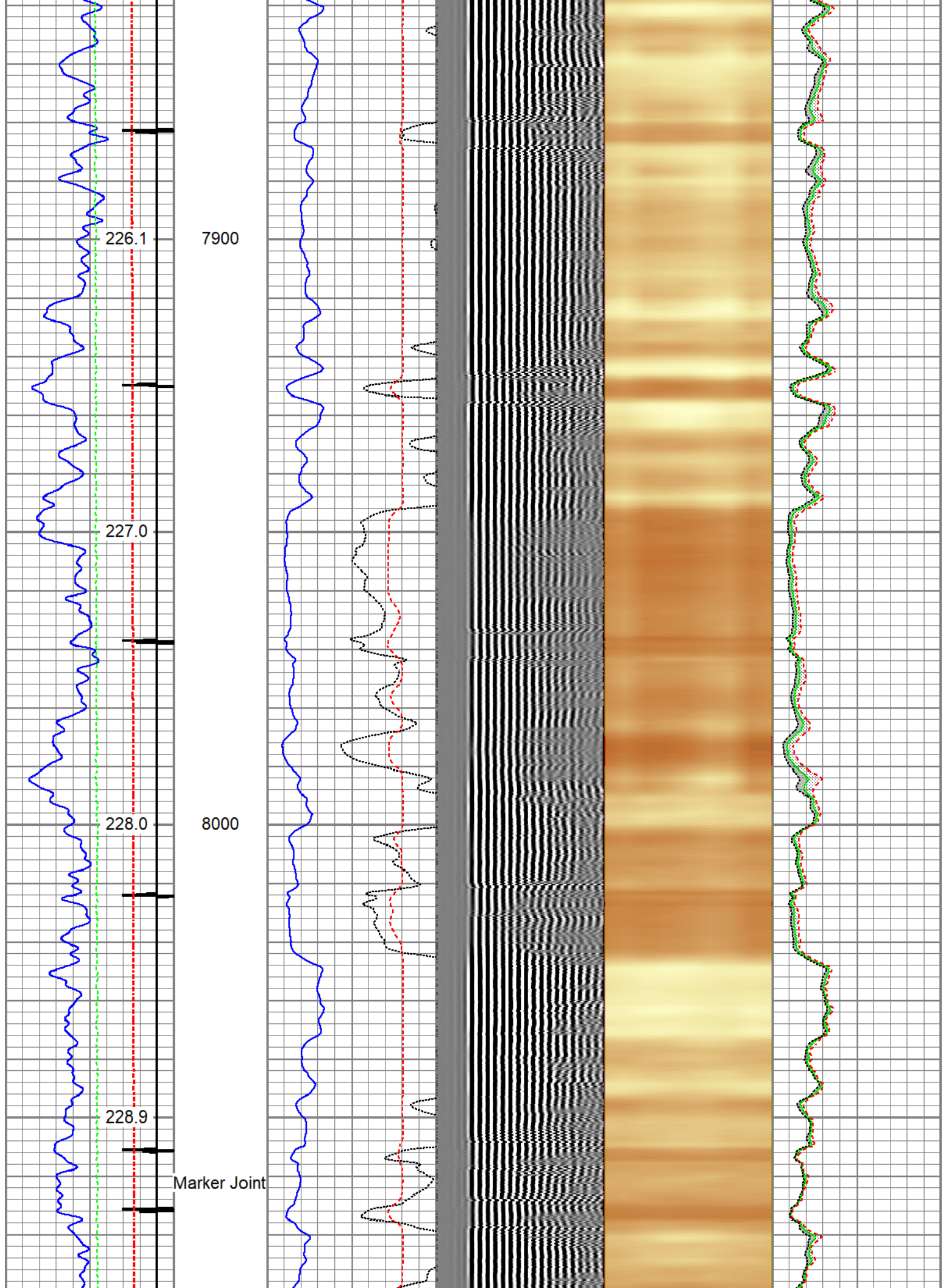


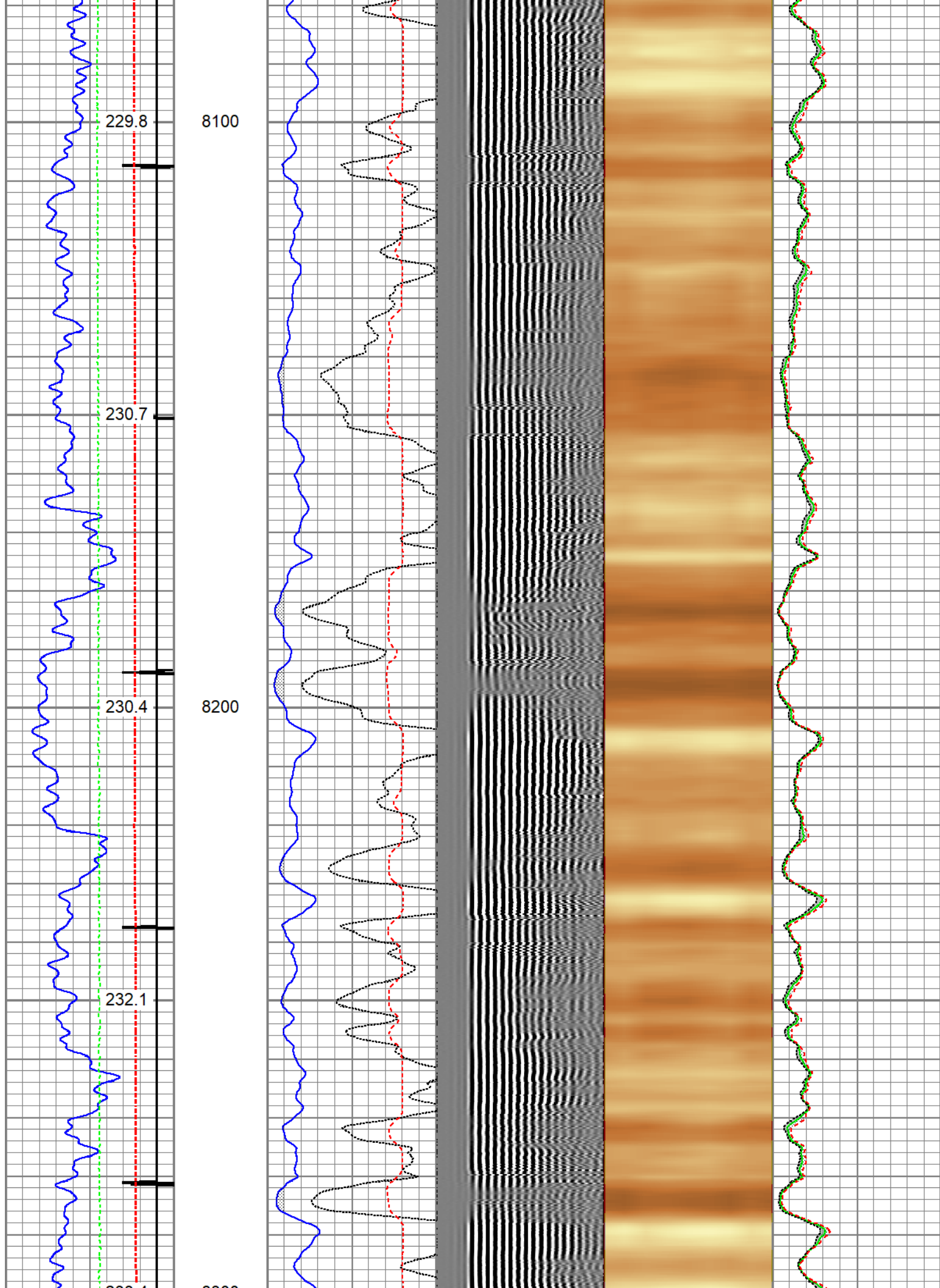


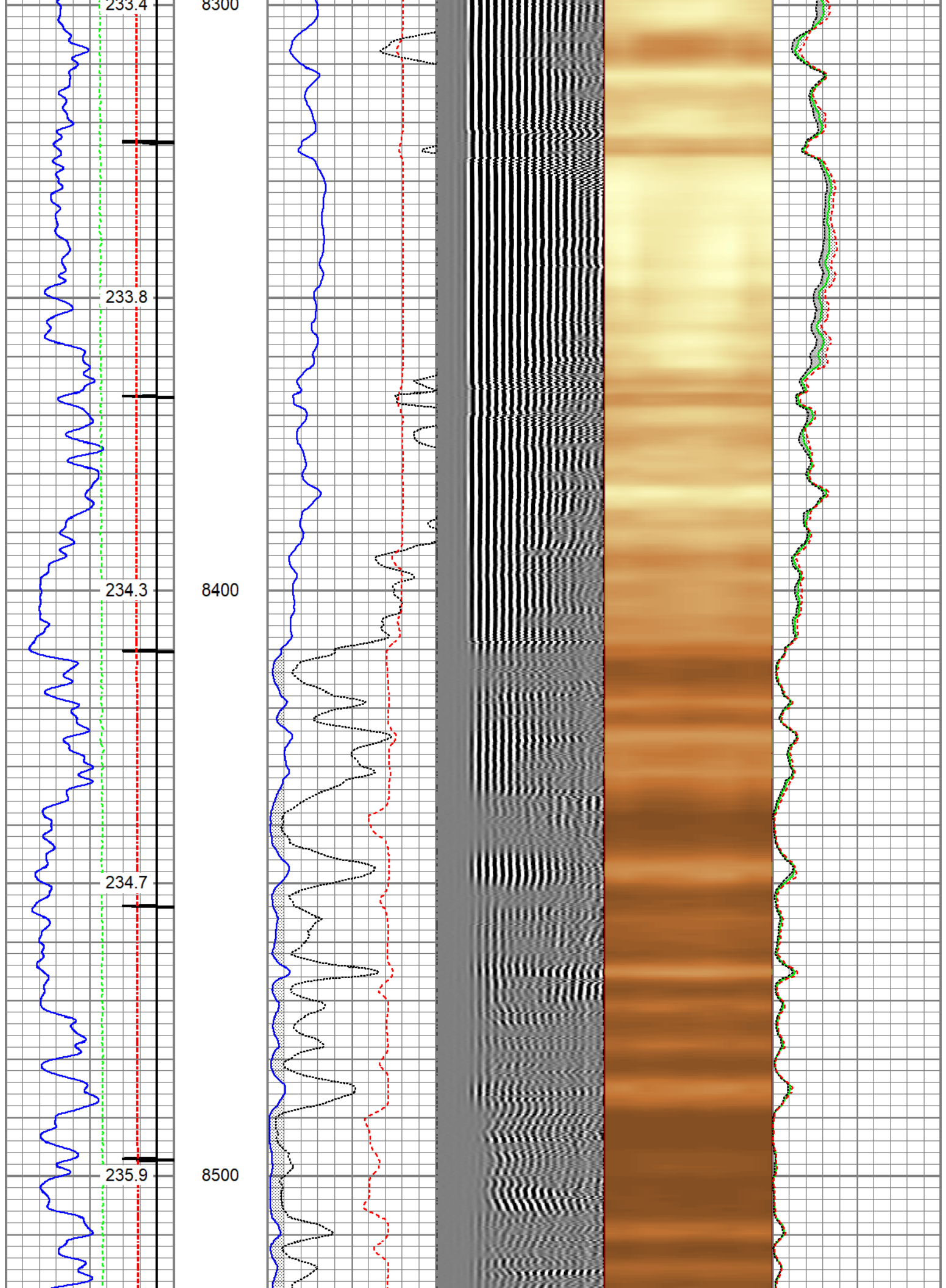


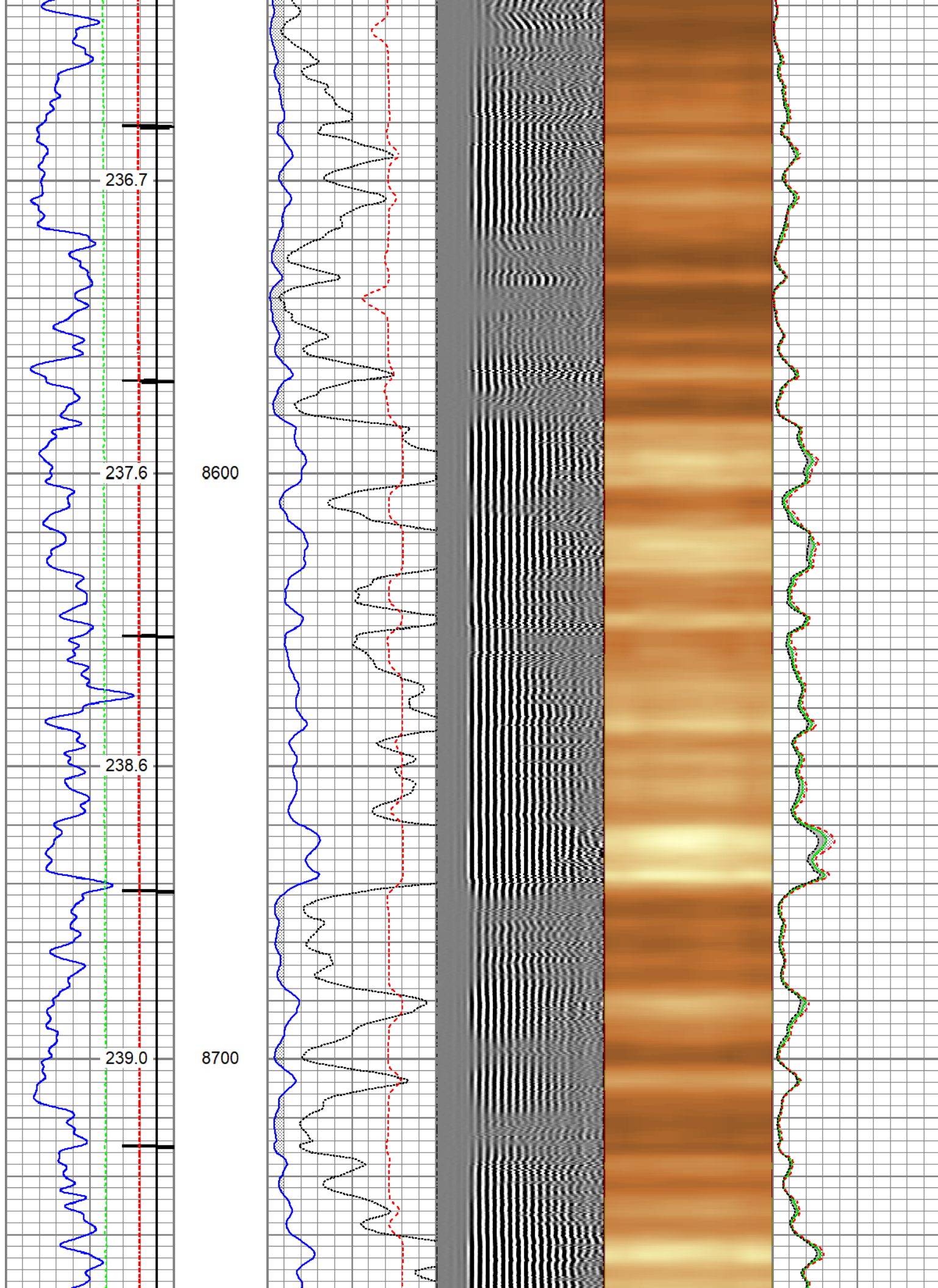


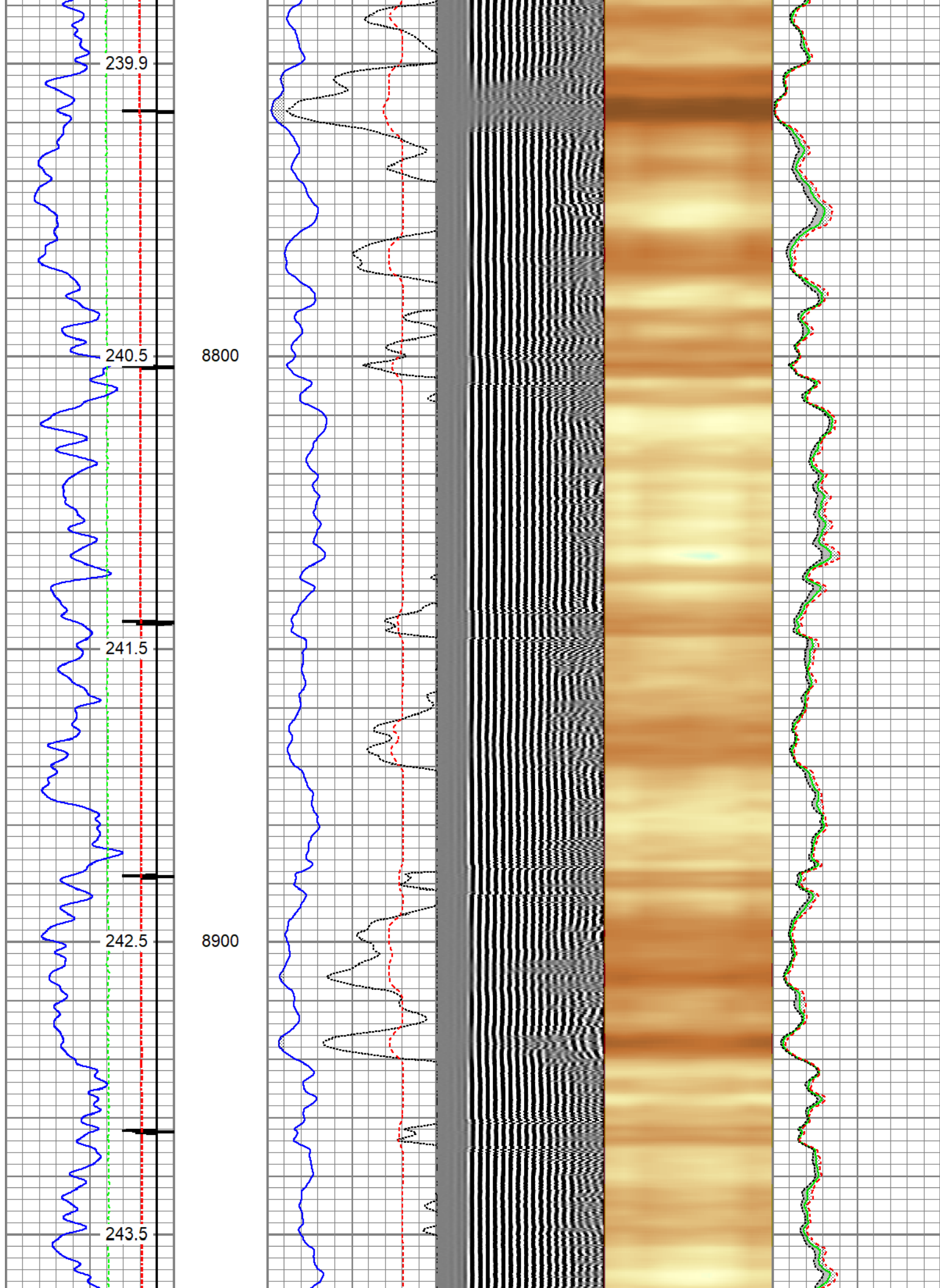


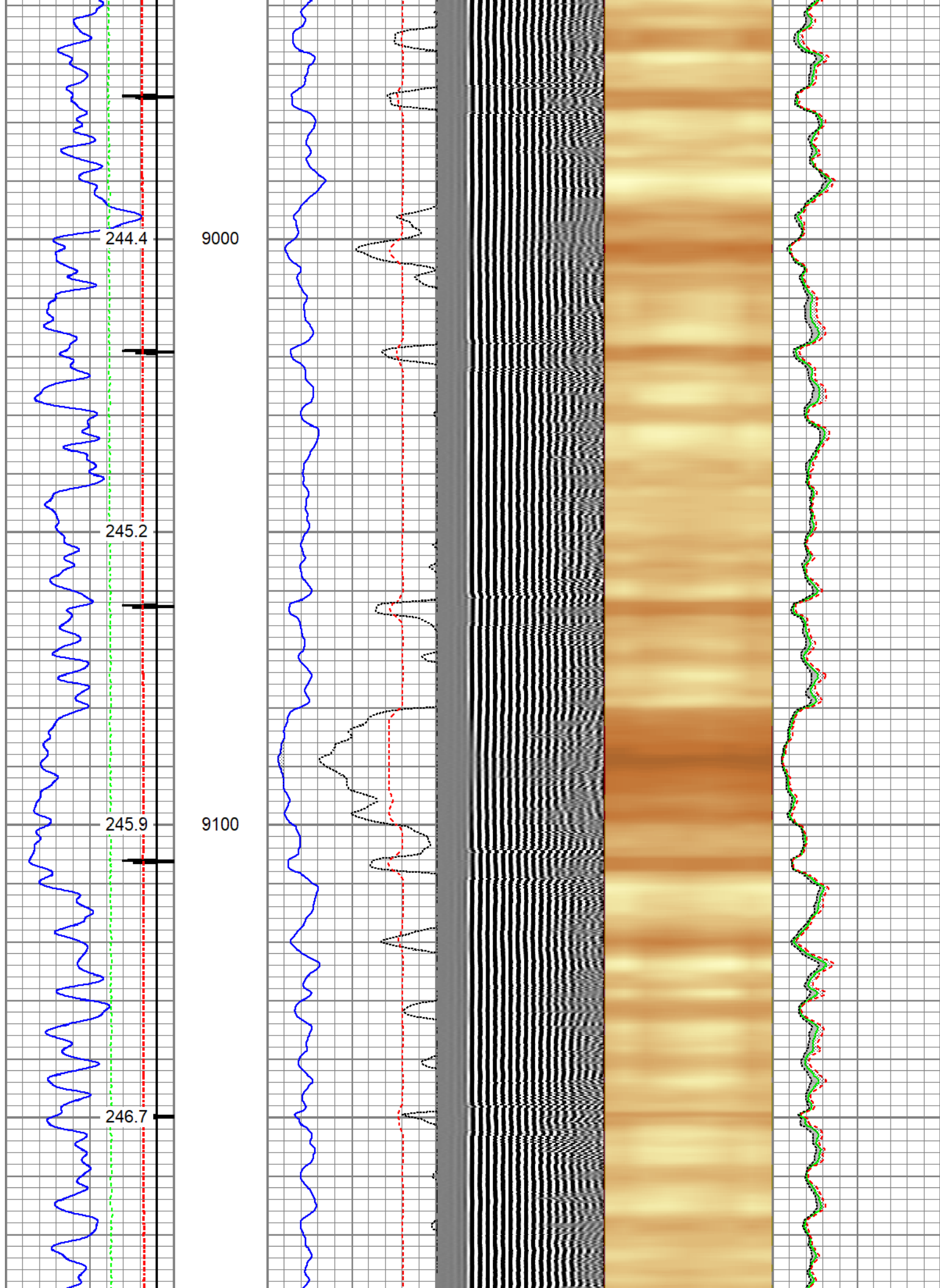


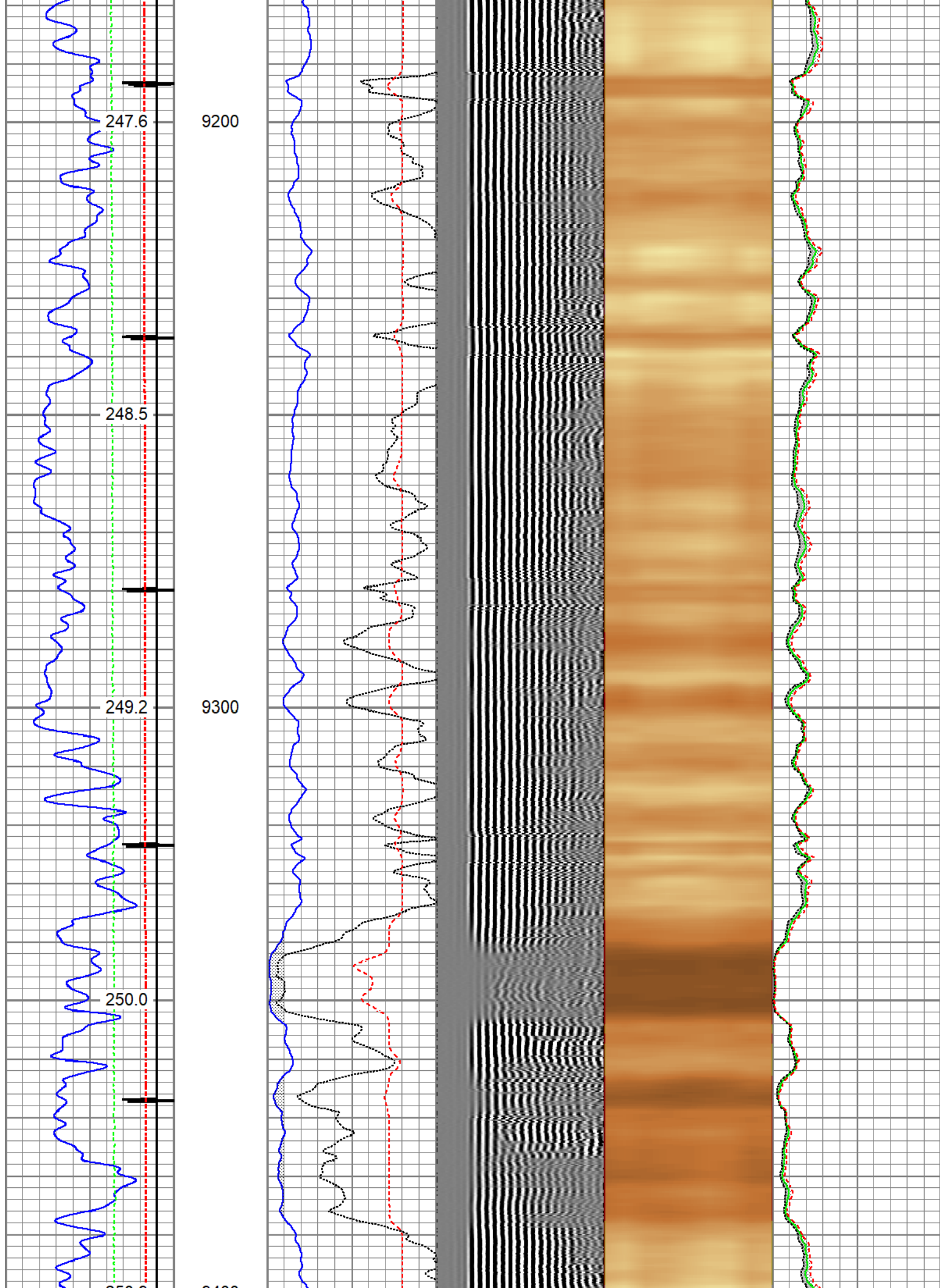


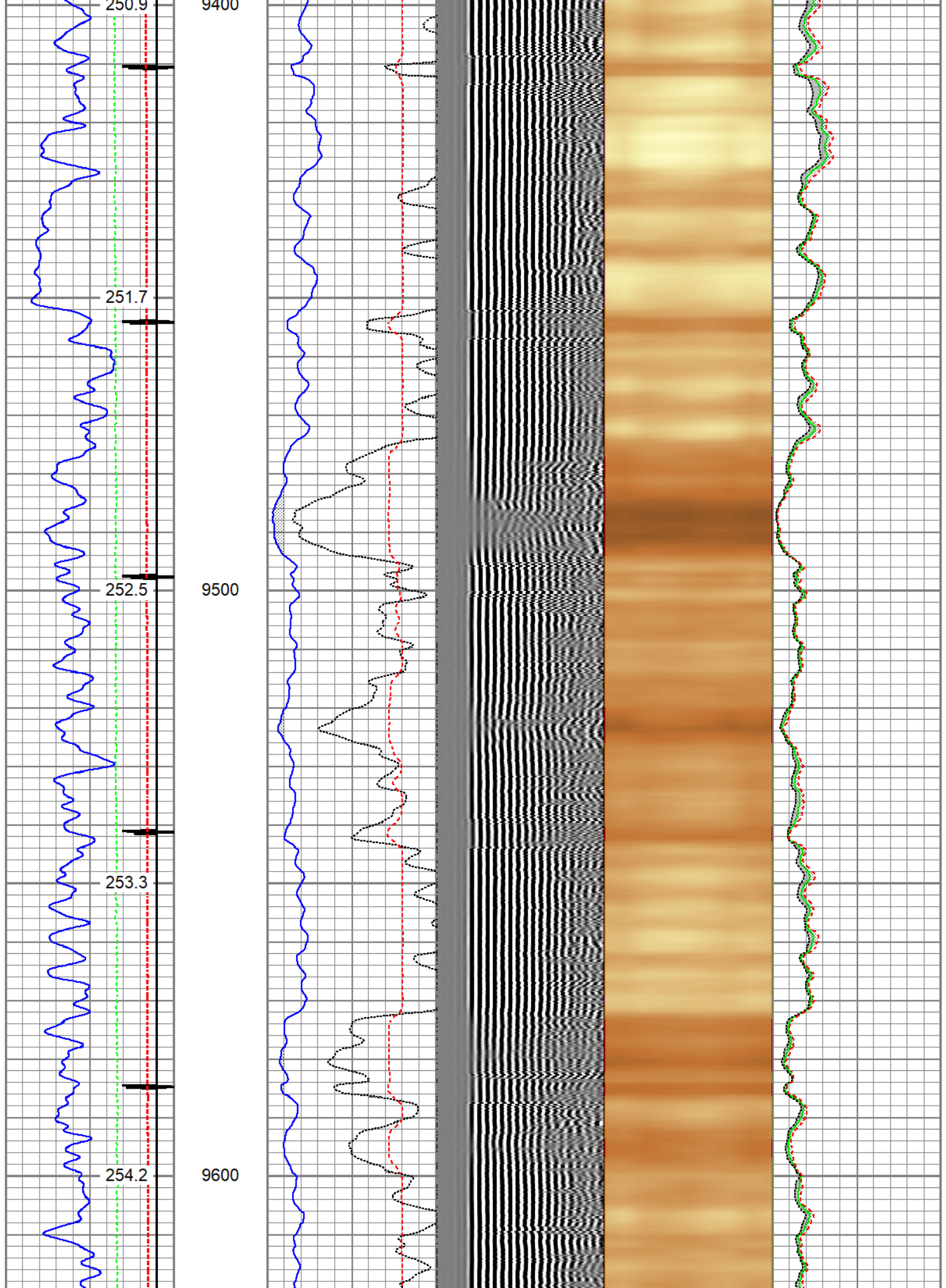


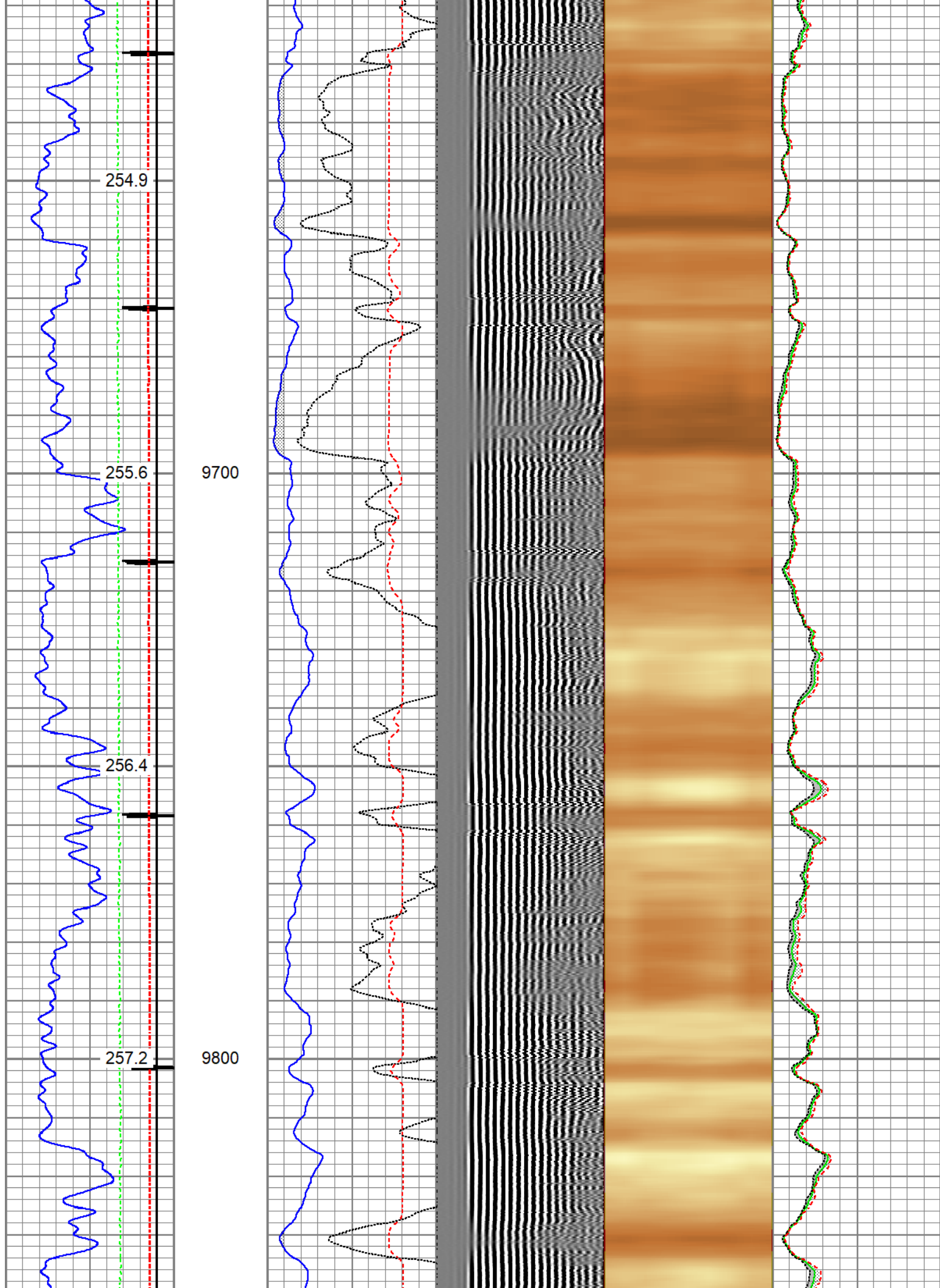


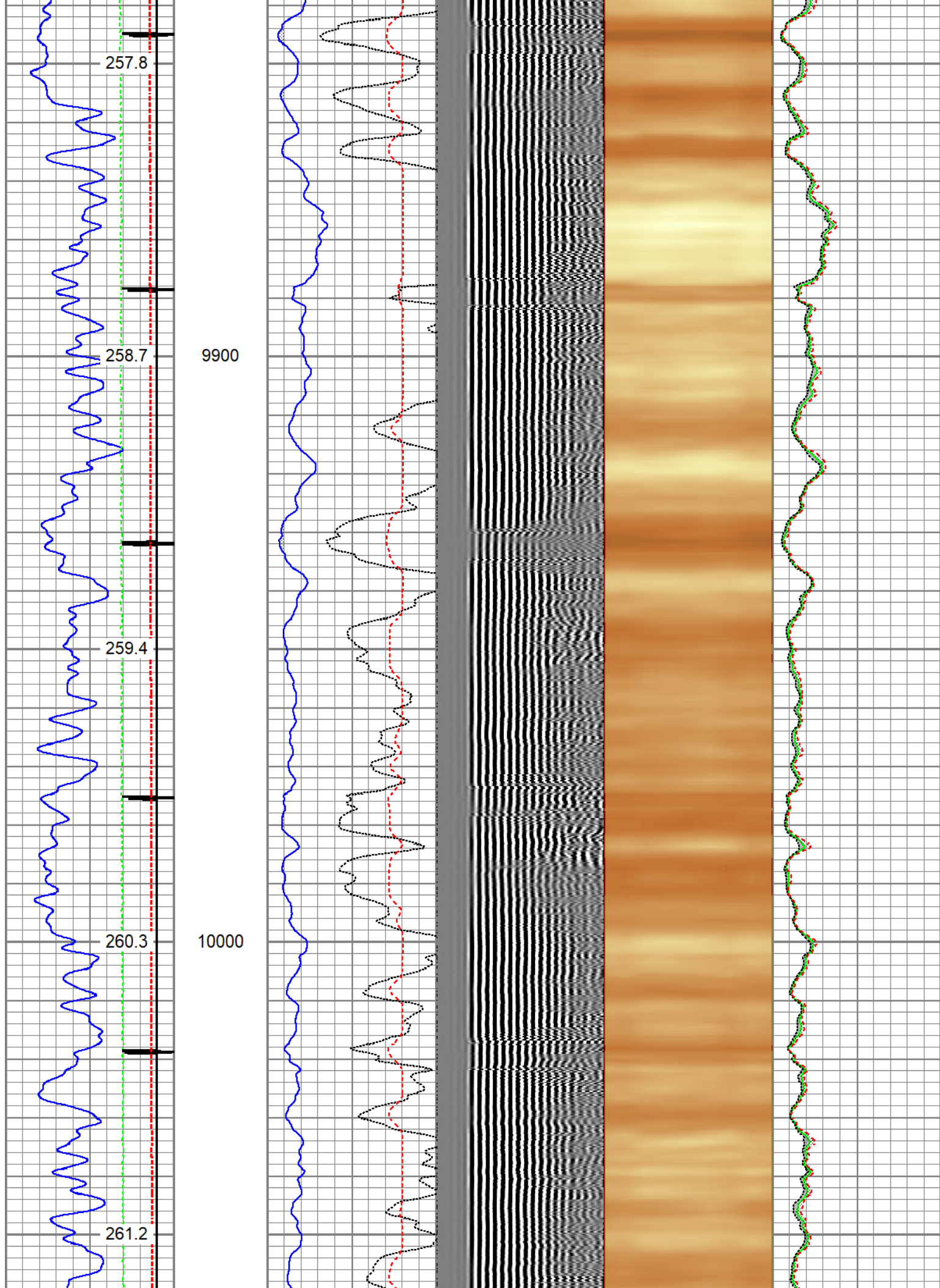


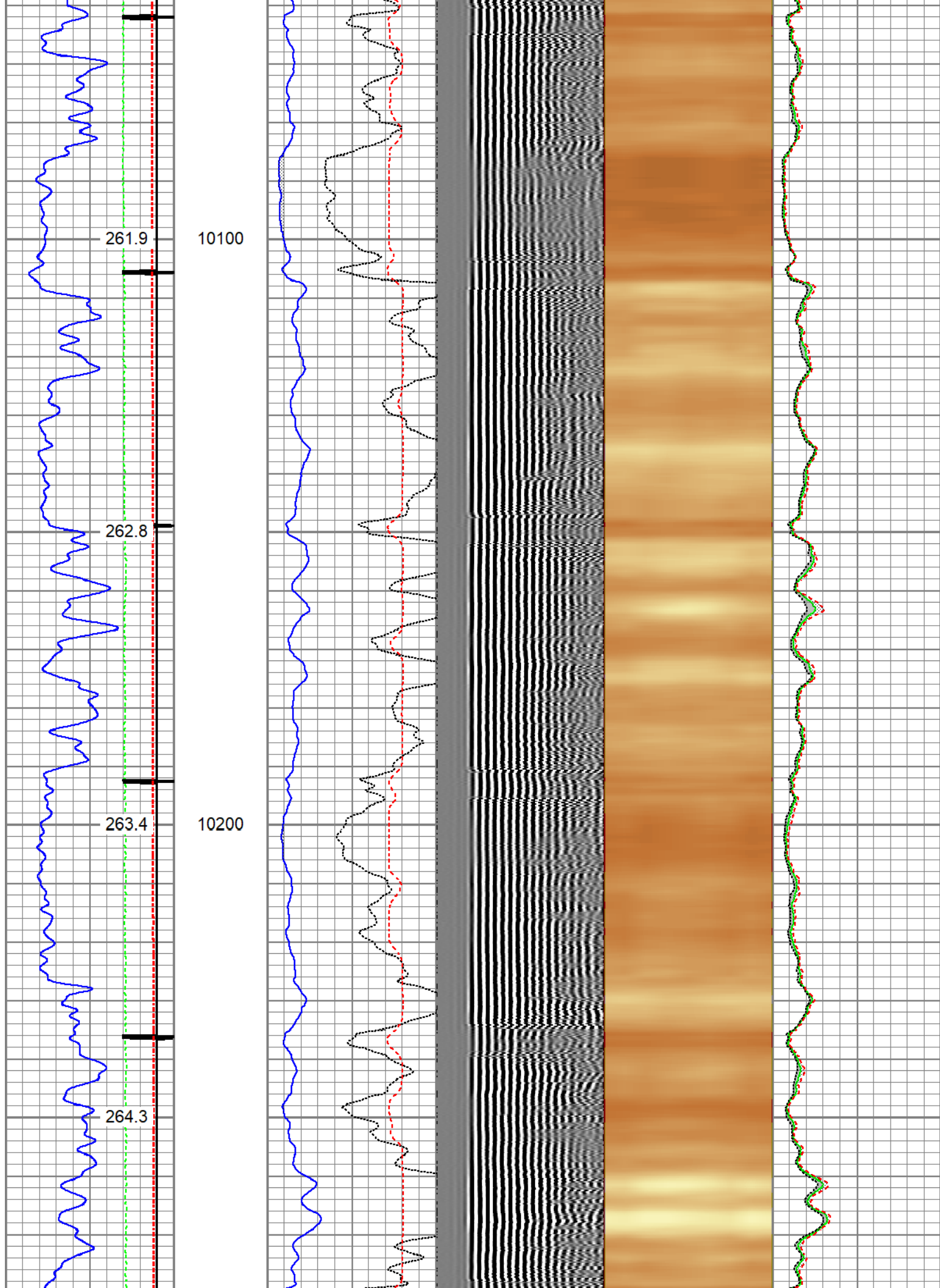


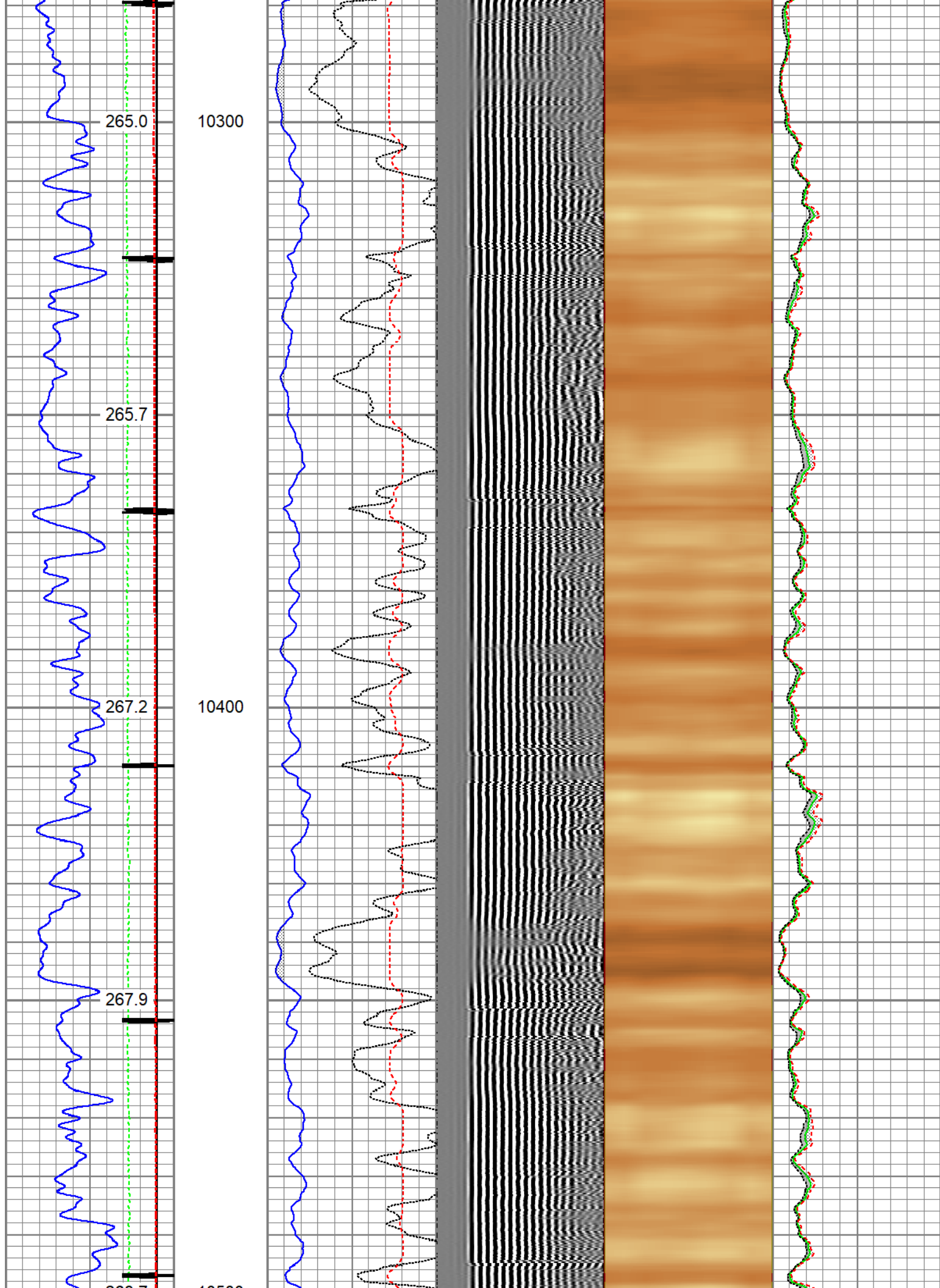


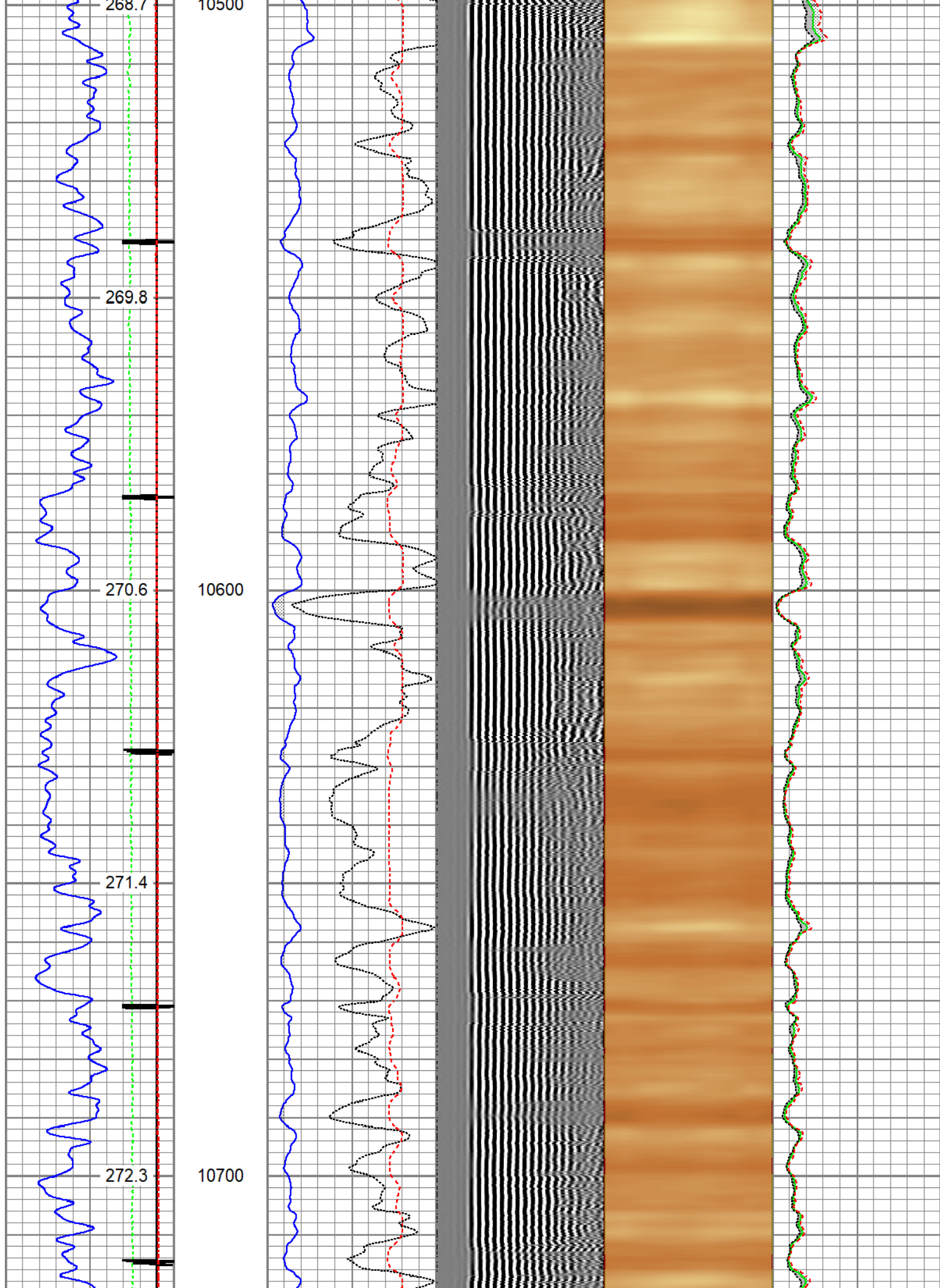


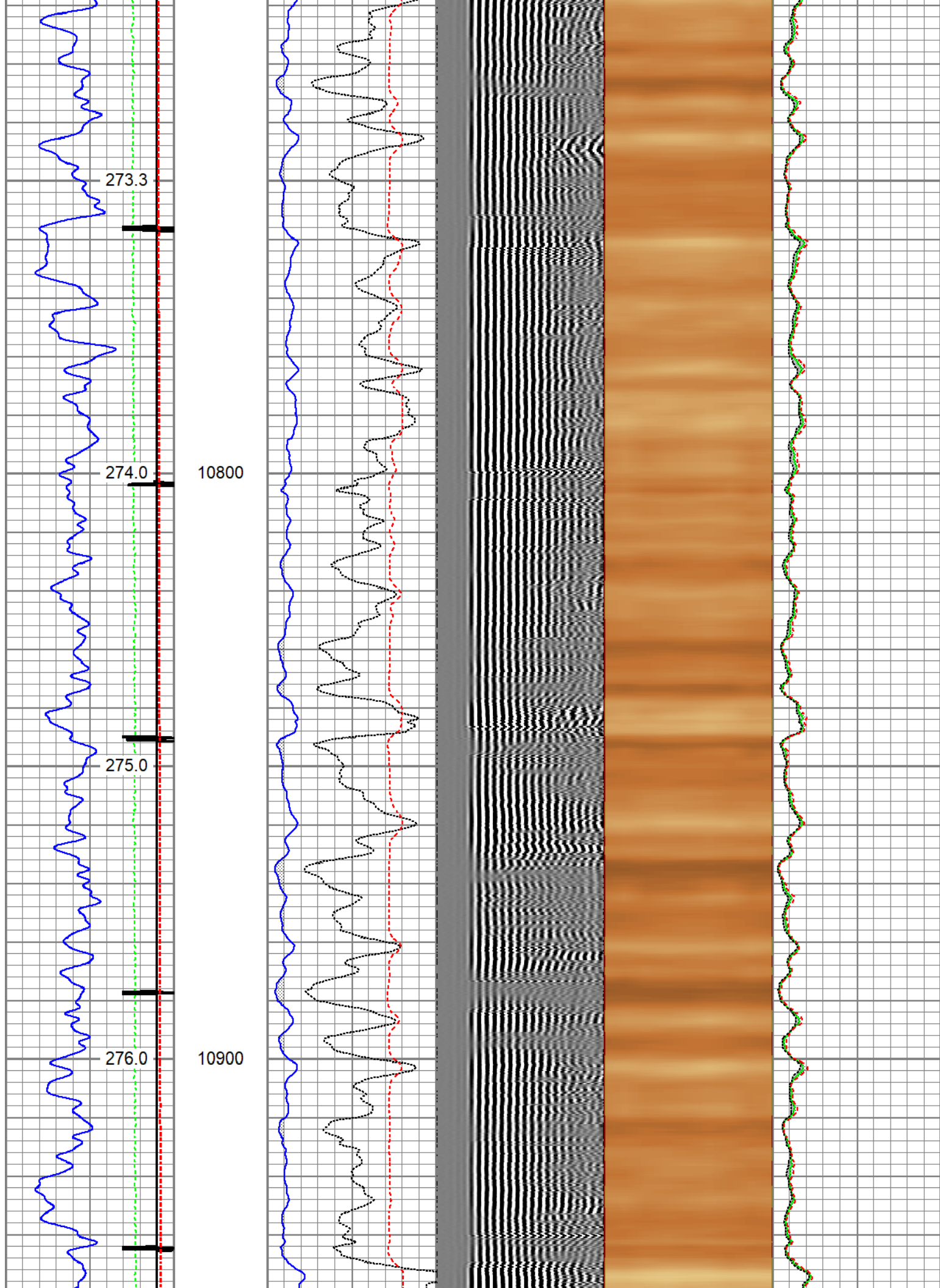


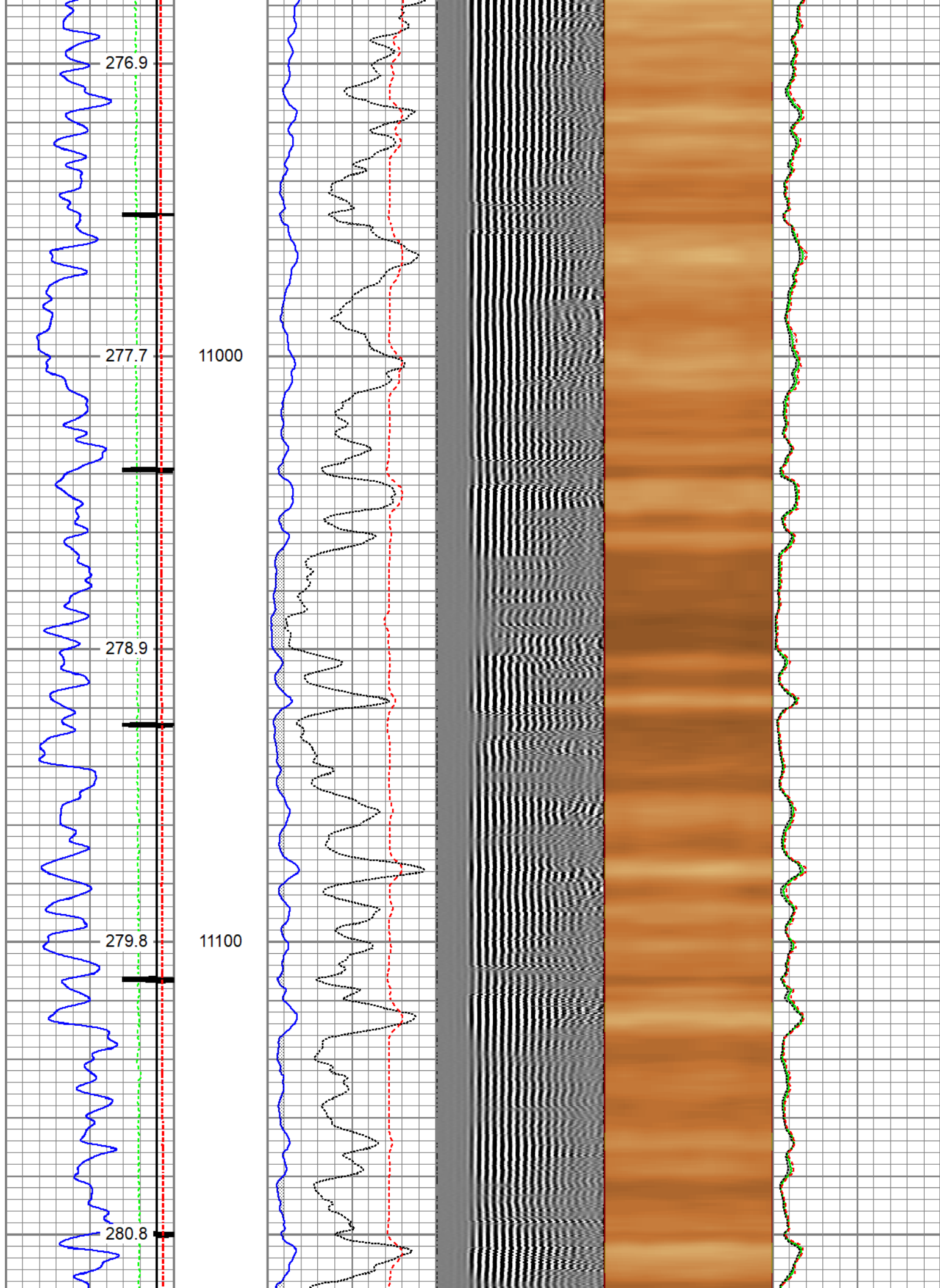


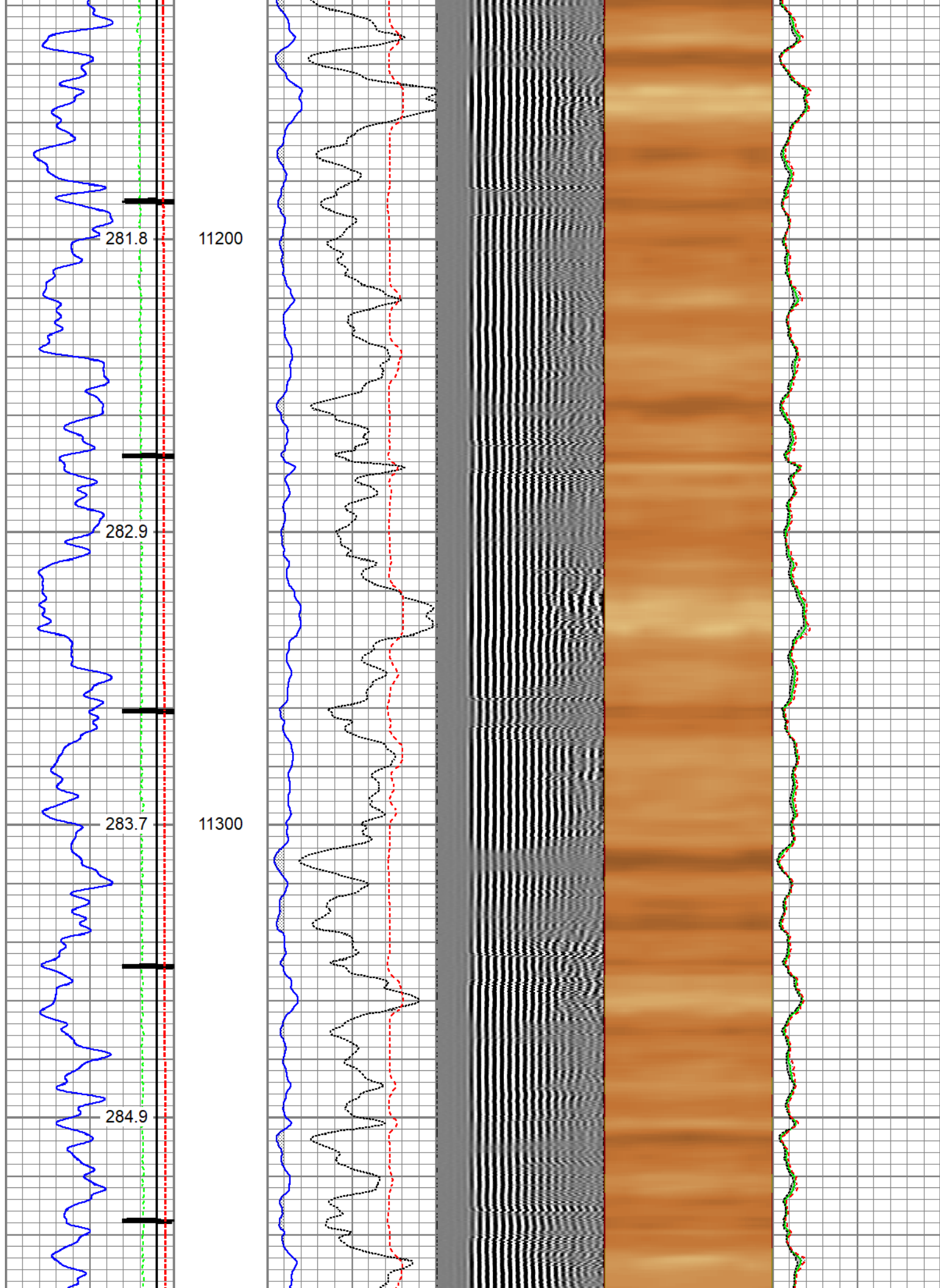


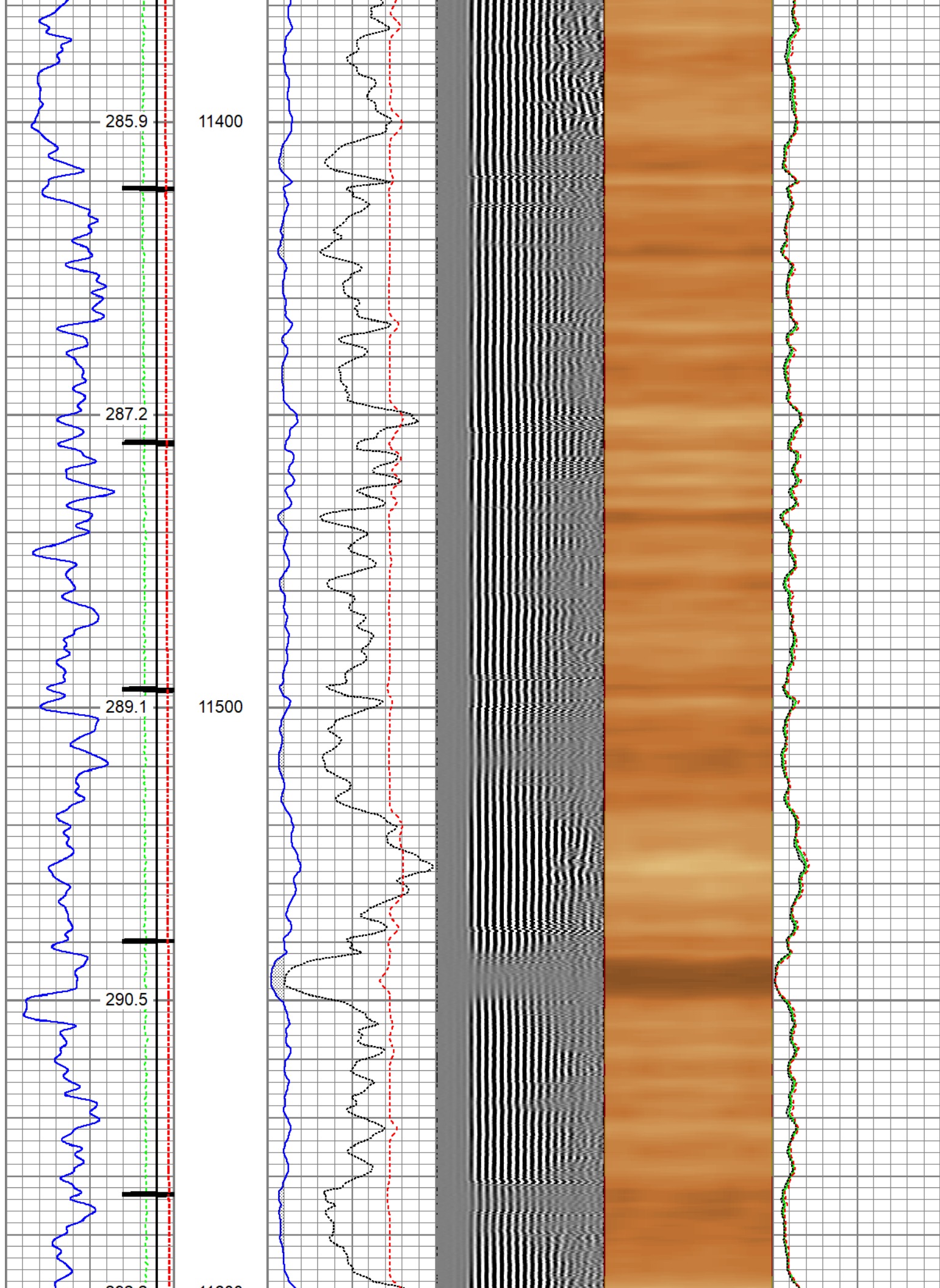


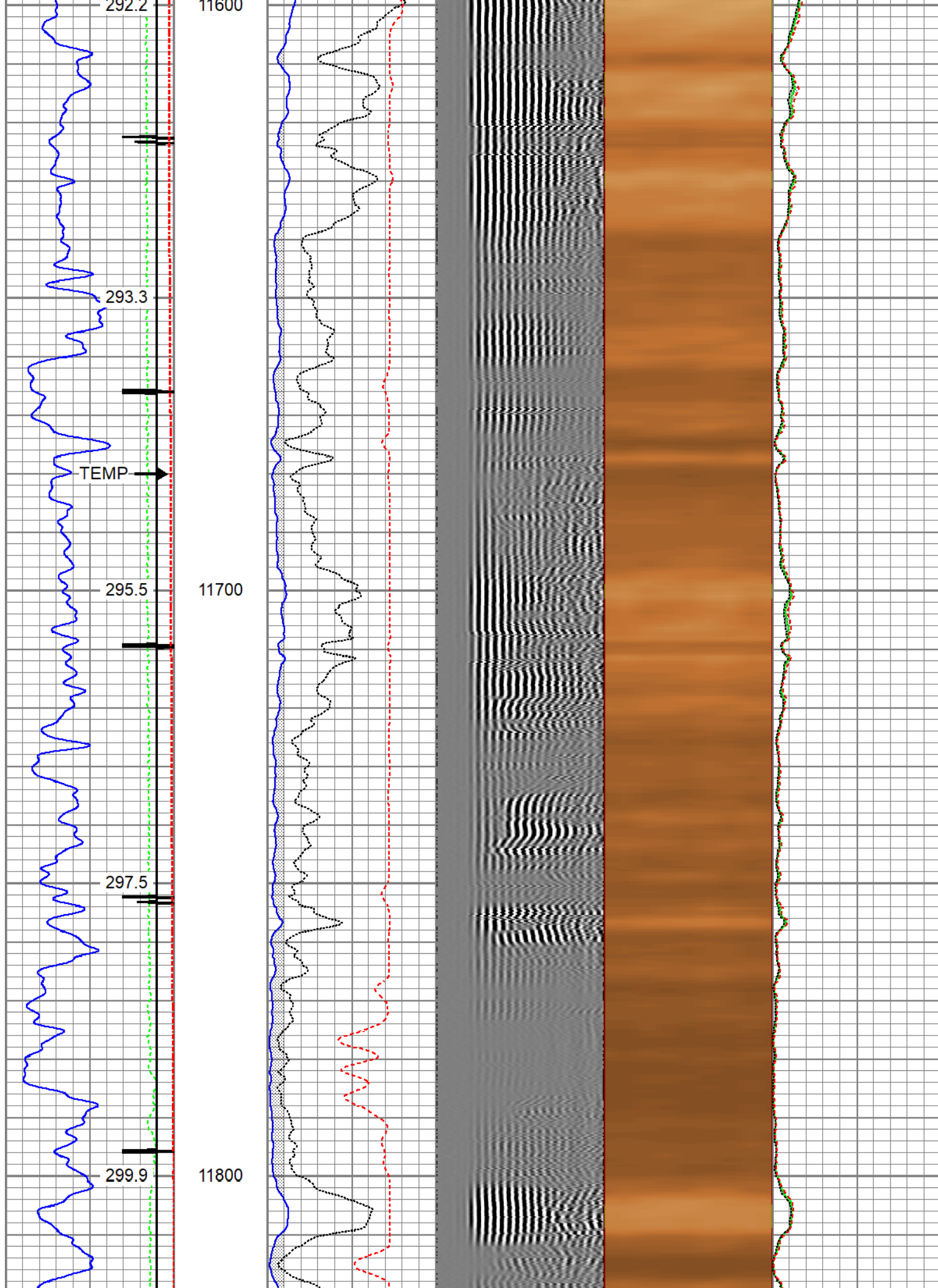


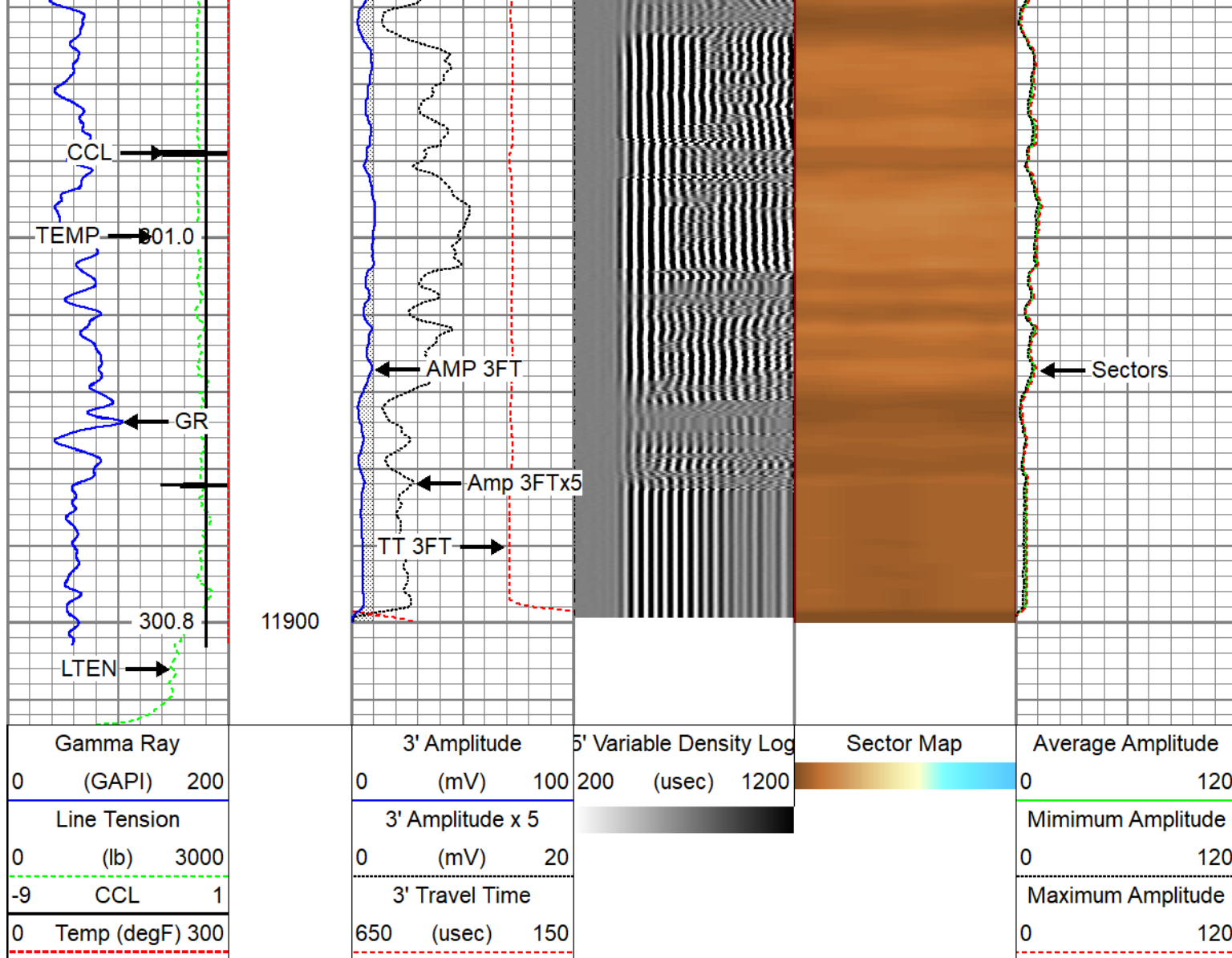










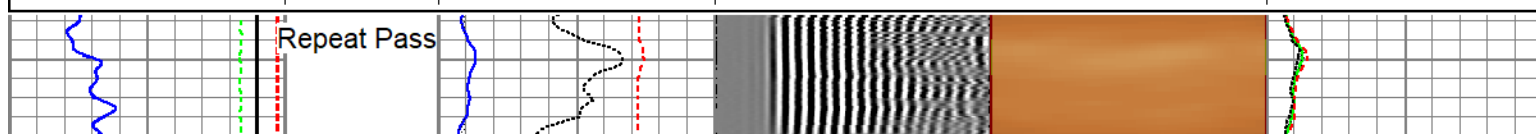


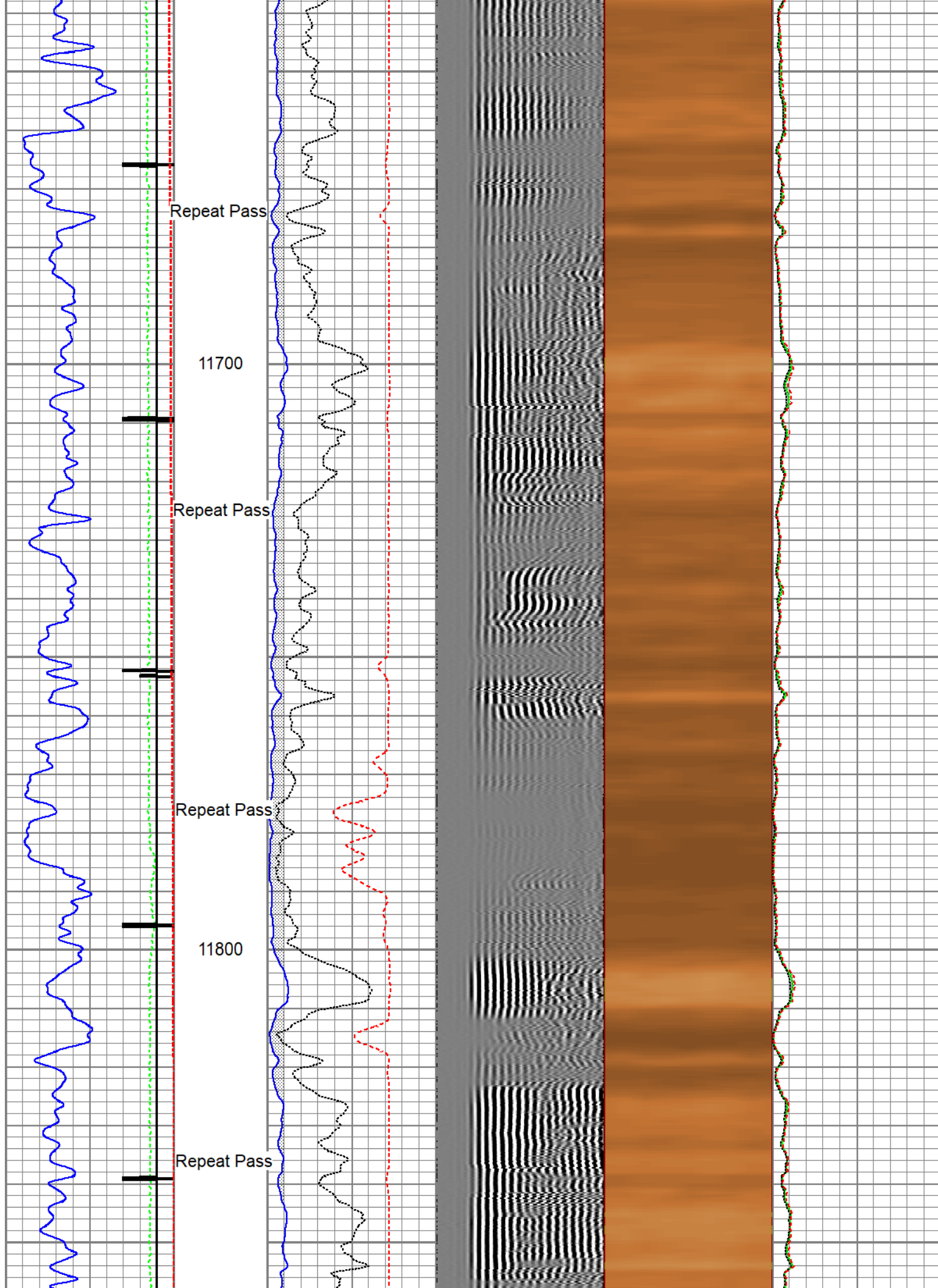


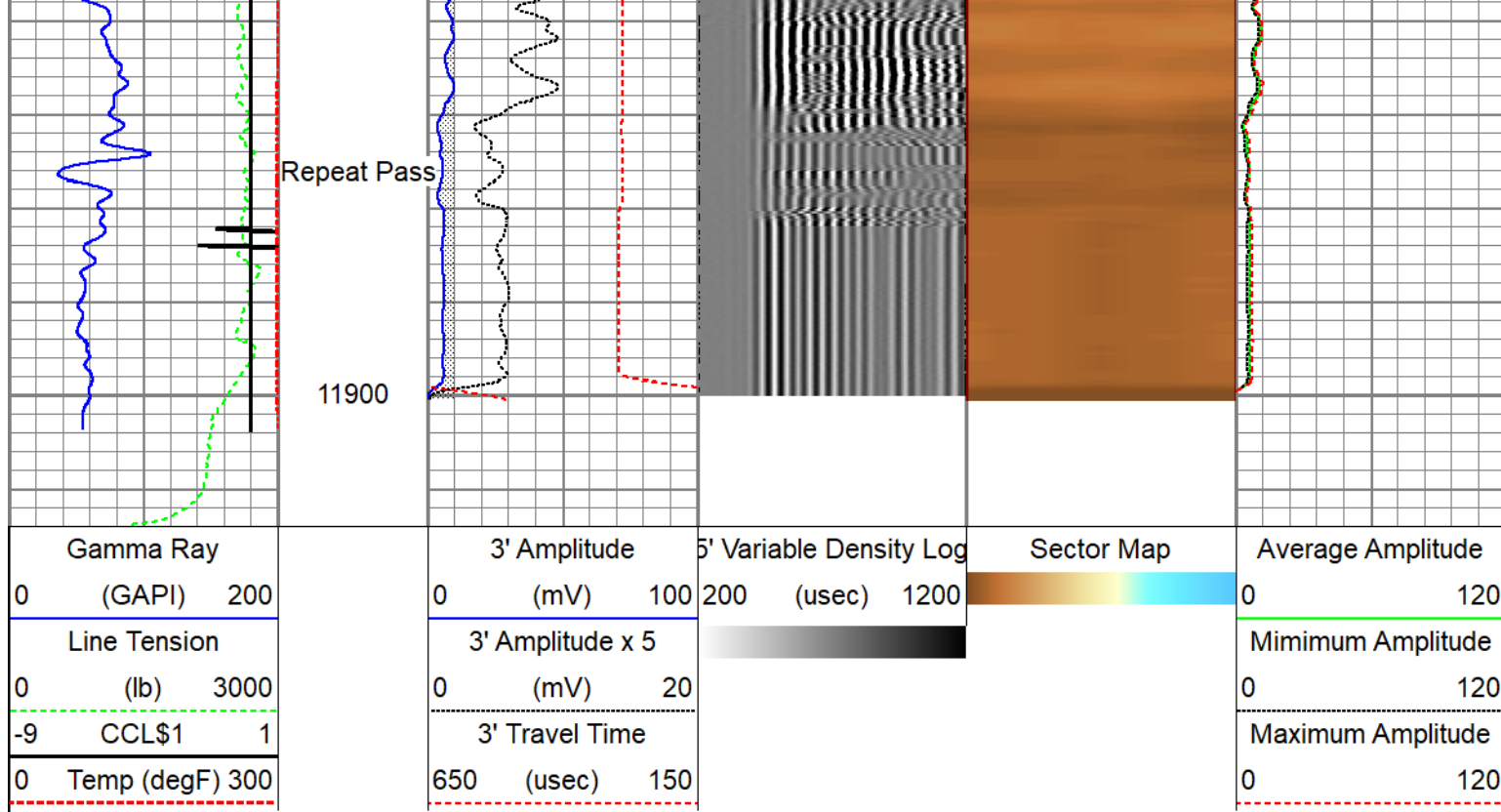
Repeat Pass 5" = 100'

Database File	caerus_bju b26 fed 13a-26-496_rcbl-cn1_12-22-2022.db
Dataset Pathname	repeat
Presentation Format	twgrcbl
Dataset Creation	Thu Dec 22 16:06:06 2022
Charted by	Depth in Feet scaled 1:240

Gamma Ray (GAPI) 0 200	3' Amplitude (mV) 0 100	5' Variable Density Log 200 (usec) 1200	Sector Map	Average Amplitude 0 120
Line Tension (lb) 0 3000	3' Amplitude x 5 (mV) 0 20			Minimum Amplitude 0 120
CCL\$1 1	3' Travel Time (usec) 650 150			Maximum Amplitude 0 120
Temp (degF) 0 300				







Calibration Report				
Database File	caerus_bju b26 fed 13a-26-496_rcbl-cn1_12-22-2022.db			
Dataset Pathname	main			
Dataset Creation	Thu Dec 22 16:14:37 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	3.47	893.02	0.00	1.00	gee

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					
RBT_ACCZ	10.57					
RBT_ACCY	10.57					
RBT_ACCX	10.57					

