



Radial Cement Bond
Gamma Ray
Casing Collar Log

Company TEP Rocky Mountain LLC
Well Federal WMC 44-24-794
Field Rulison
County Garfield
State Colorado

Company TEP Rocky Mountain LLC
Well Federal WMC 44-24-794
Field Rulison
County Garfield
State Colorado

Location: API # : 05-045-24544

Other Services

SEC 19 TWP 7S RGE 93W

Elevation

Permanent Datum Ground Level Elevation 8563'
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing
K.B. 8593 FT
D.F. 8592 FT
G.L. 8563 FT

Date 01-MAR-2023

Run Number	One
Depth Driller	11101'
Depth Logger	11028'
Bottom Logged Interval	11028'
Top Log Interval	Surface
Open Hole Size	8.75"
Type Fluid	Water
Density / Viscosity	8.34 Lb/Gal
Max. Recorded Temp.	272 °F
Estimated Cement Top	See Log
Time Well Ready	ROA
Time Logger on Bottom	13:30
Equipment Number	8047
Location	Grand Junction
Recorded By	D. Clark
Witnessed By	D. Welsh

Borehole Record			Tubing Record				
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9-5/8"	36	Surface	1171'
Prot. String				
Production String	4-1/2"	11.6	Surface	11101'
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.
Marker joint logged @7079'-7089'
Log ran with 0 PSI at surface

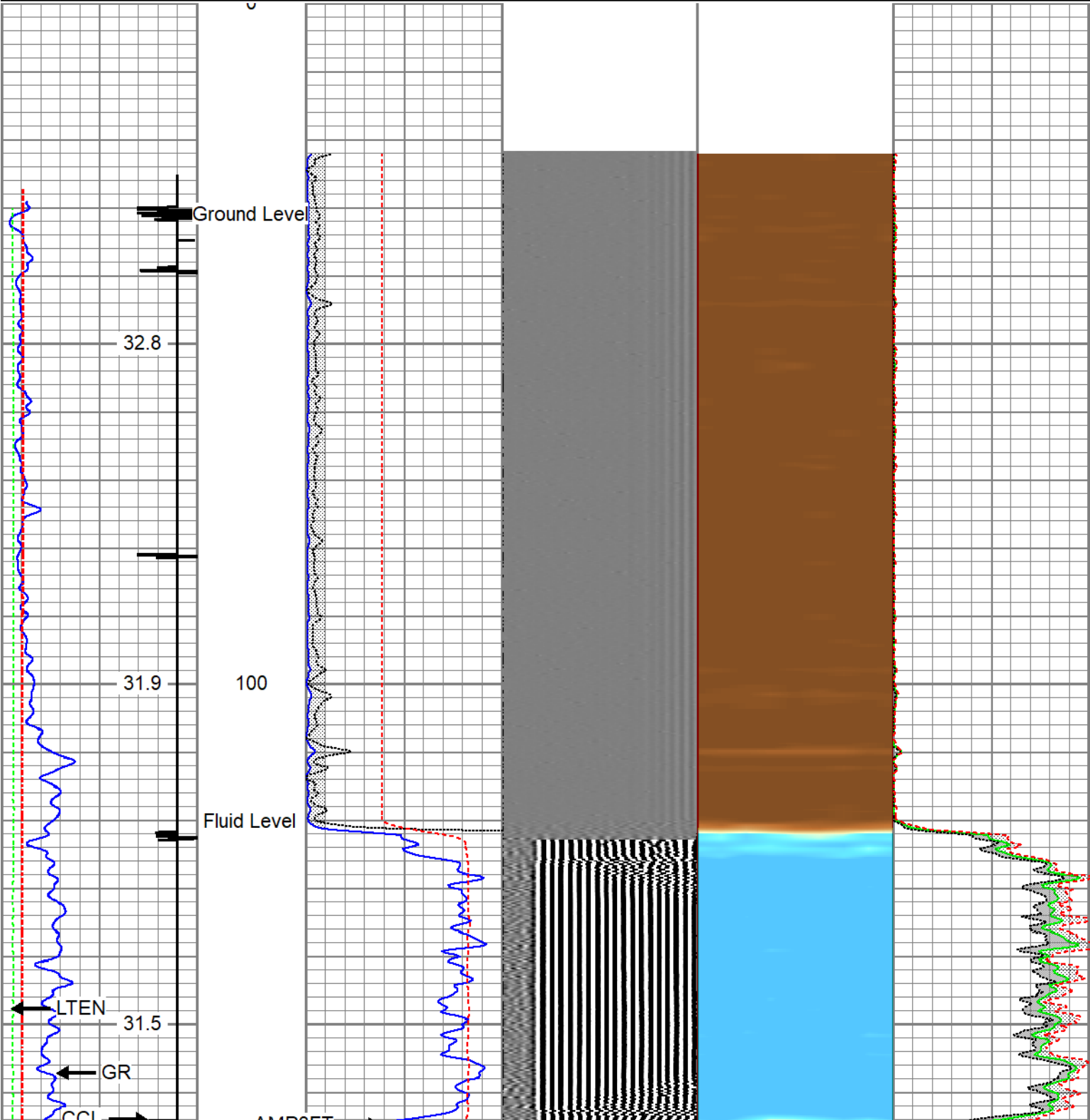
Thank you for choosing The Wireline Group!

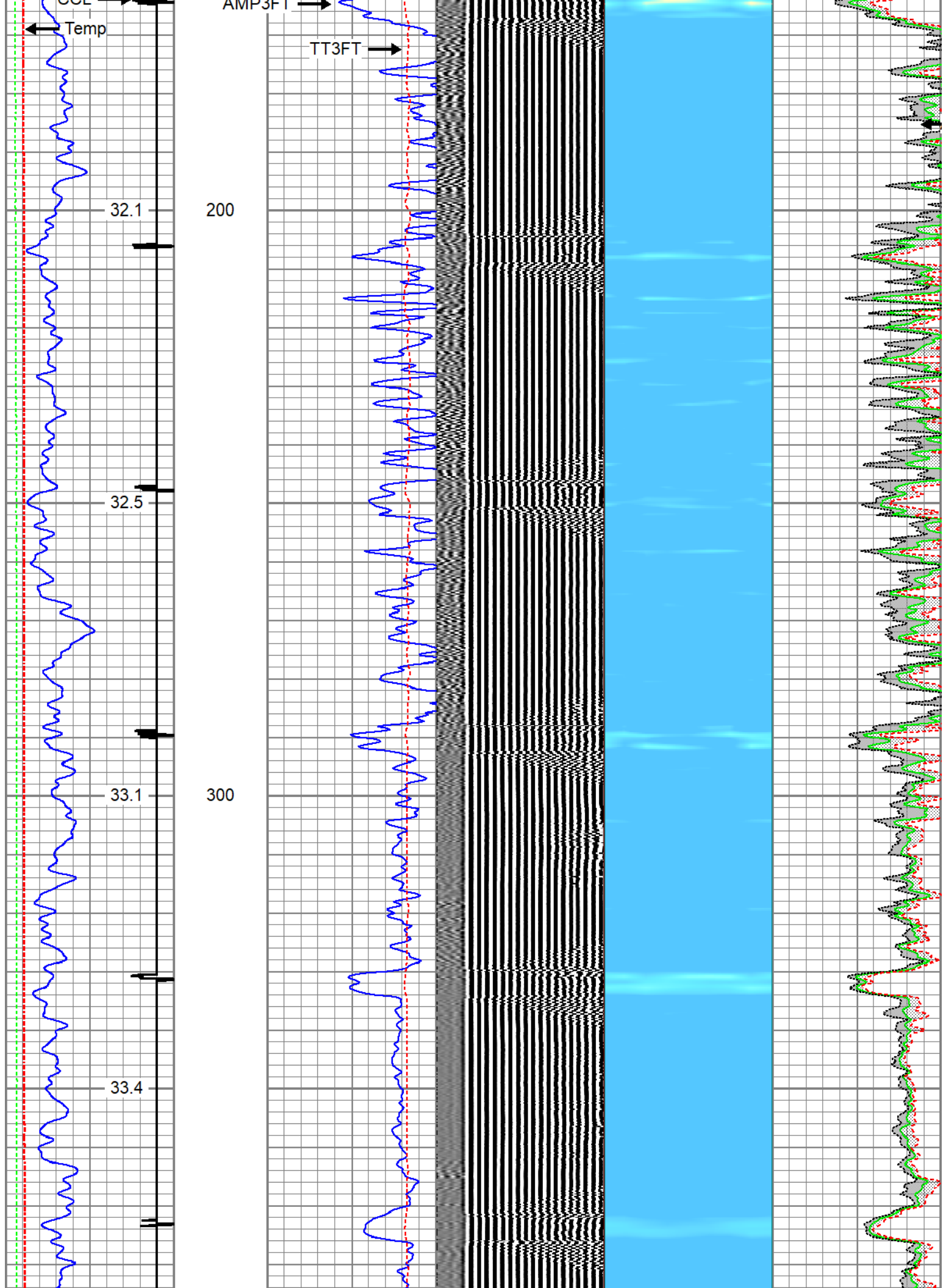


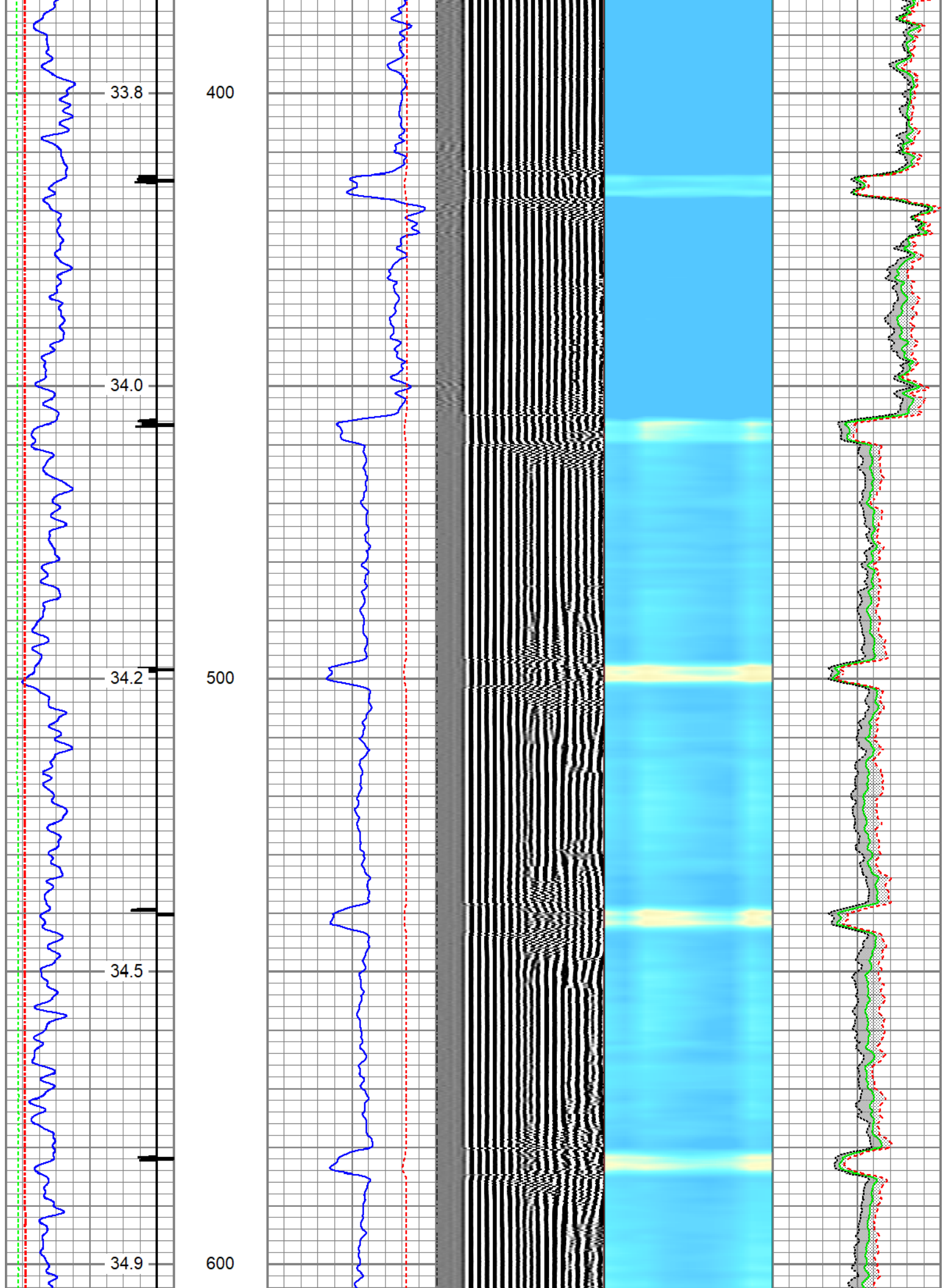
Main Pass 5" = 100'

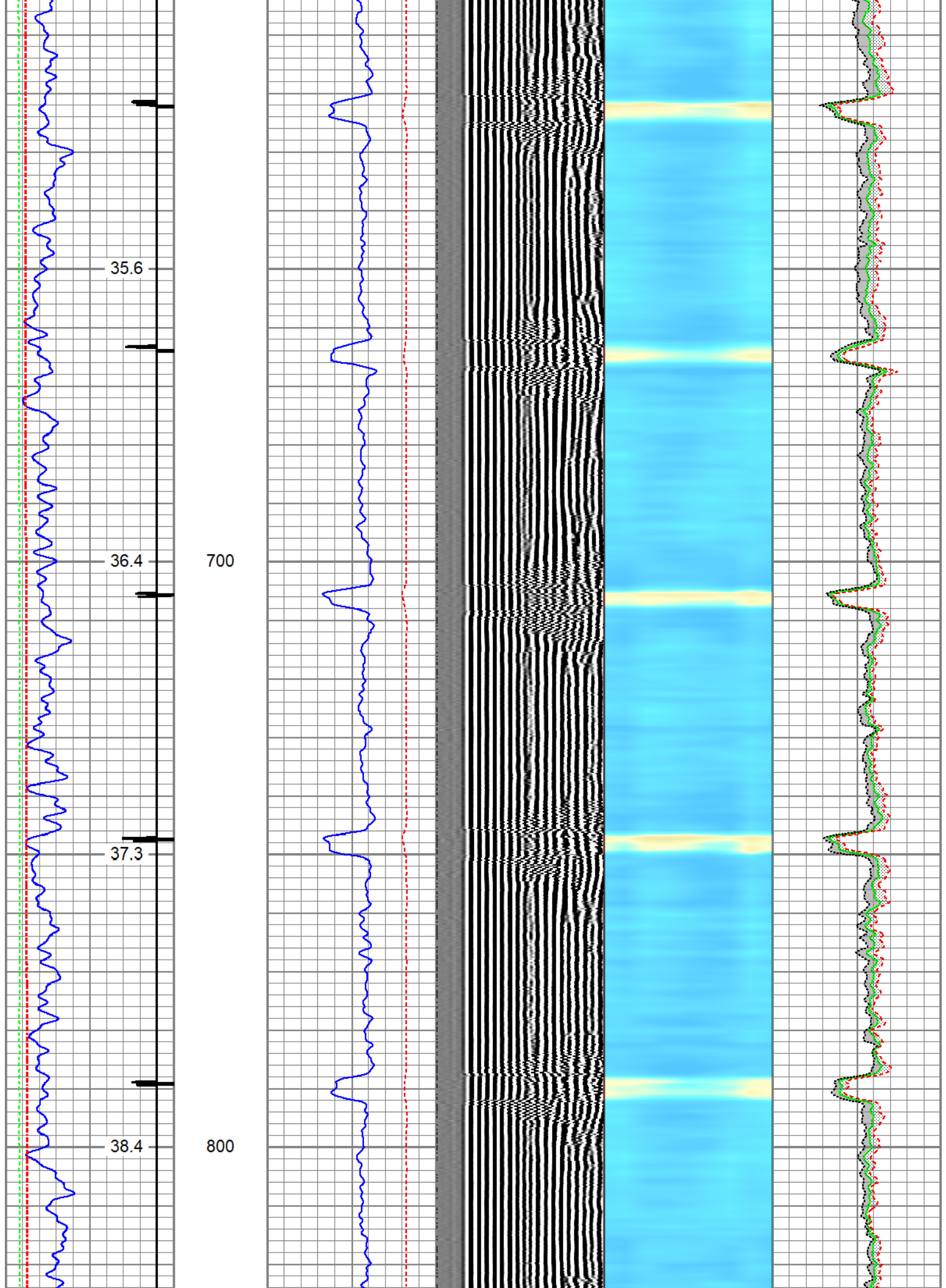
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Dataset Pathname	main_pass
Presentation Format	twgrcbl
Dataset Creation	Wed Mar 01 13:29:45 2023
Charted by	Depth in Feet scaled 1:240

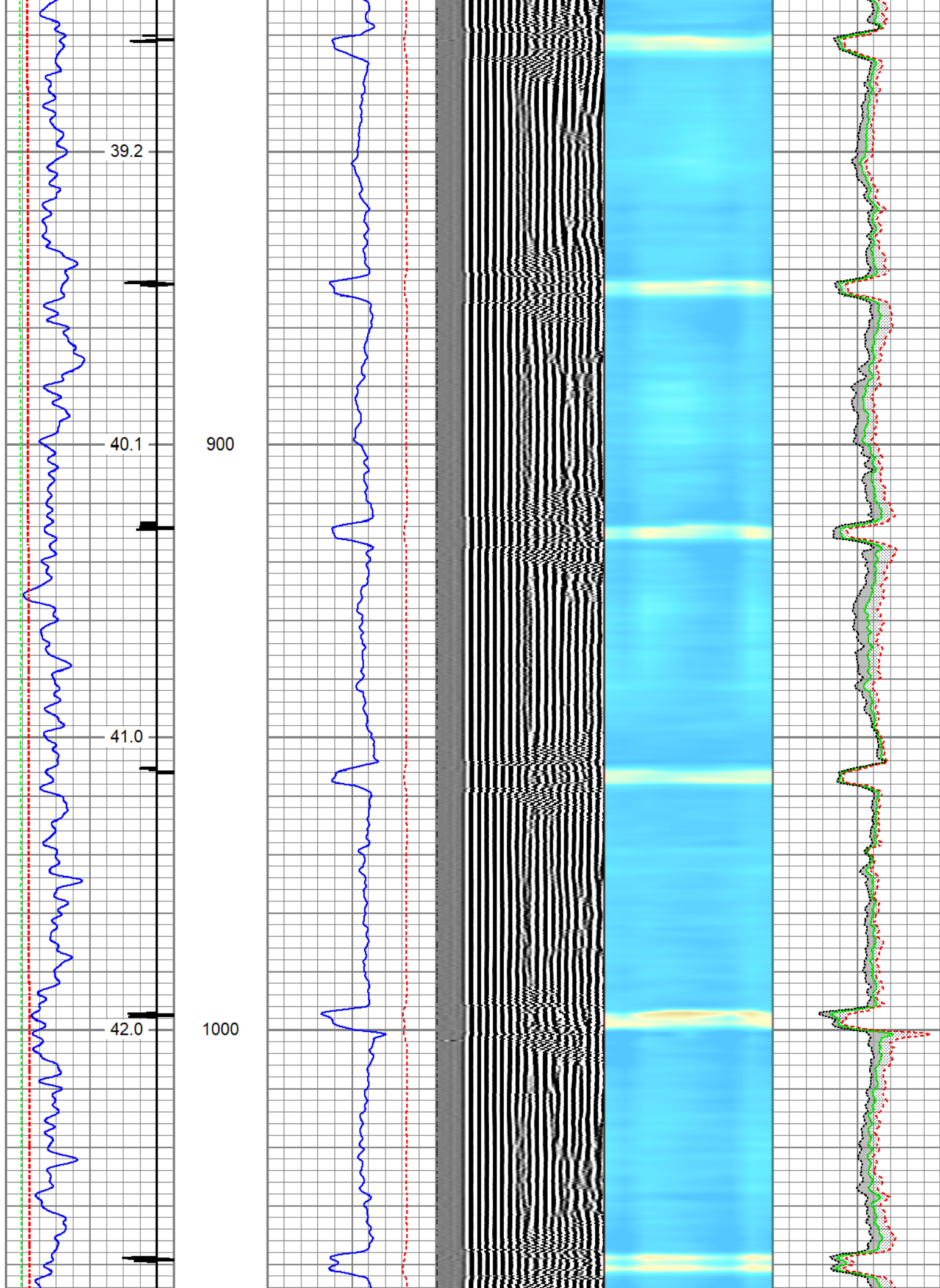
Gamma Ray		3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 200		0 (mV) 100	200 (usec) 1200		0 120
Line Tension		3' Amplitude x 5			Minimum Amplitude
0 (lb) 4000		0 (mV) 20			0 120
-9 CCL 1		3' Travel Time			Maximum Amplitude
0 Temp (degF) 300		650 (usec) 150			0 120

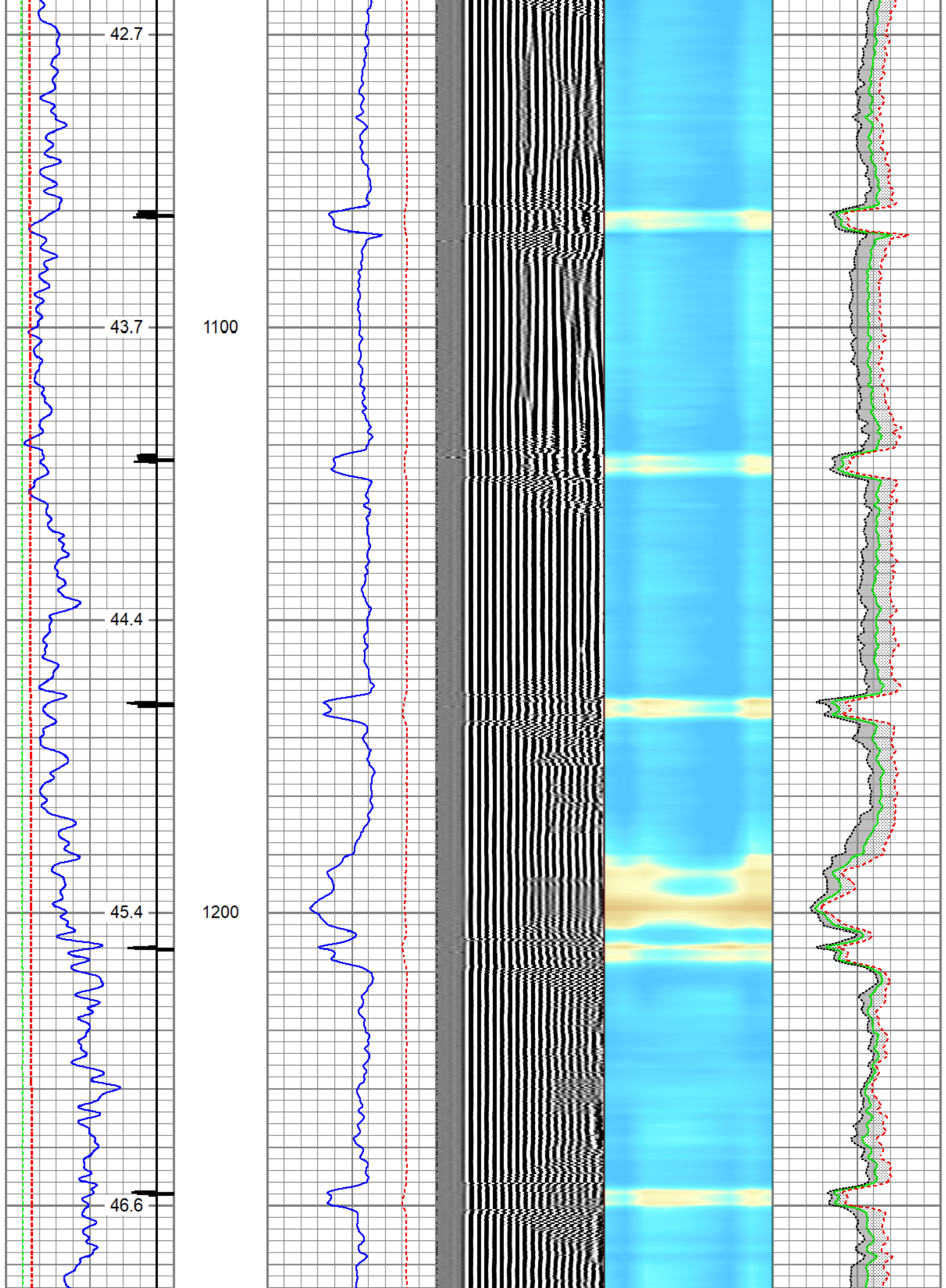


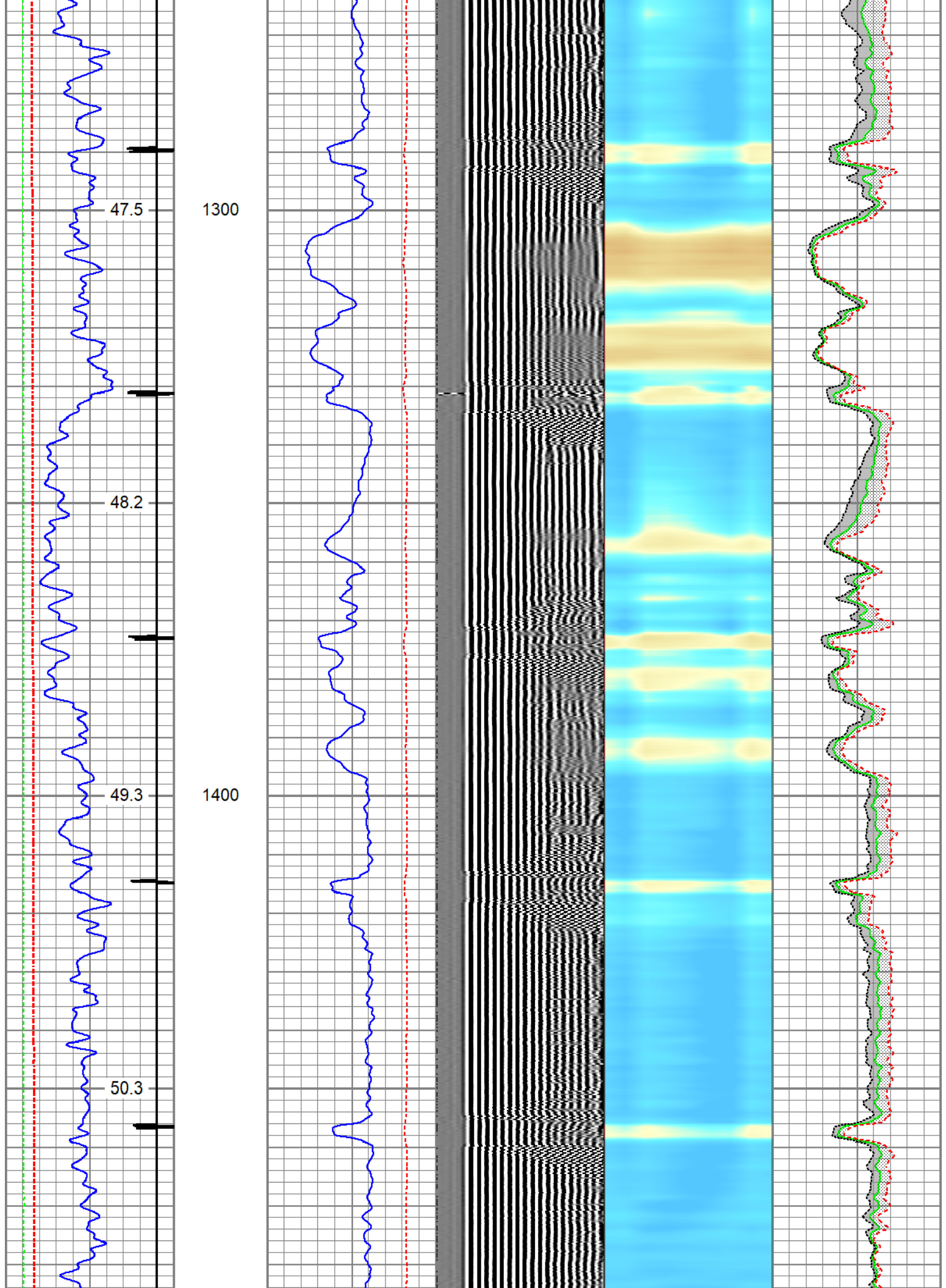


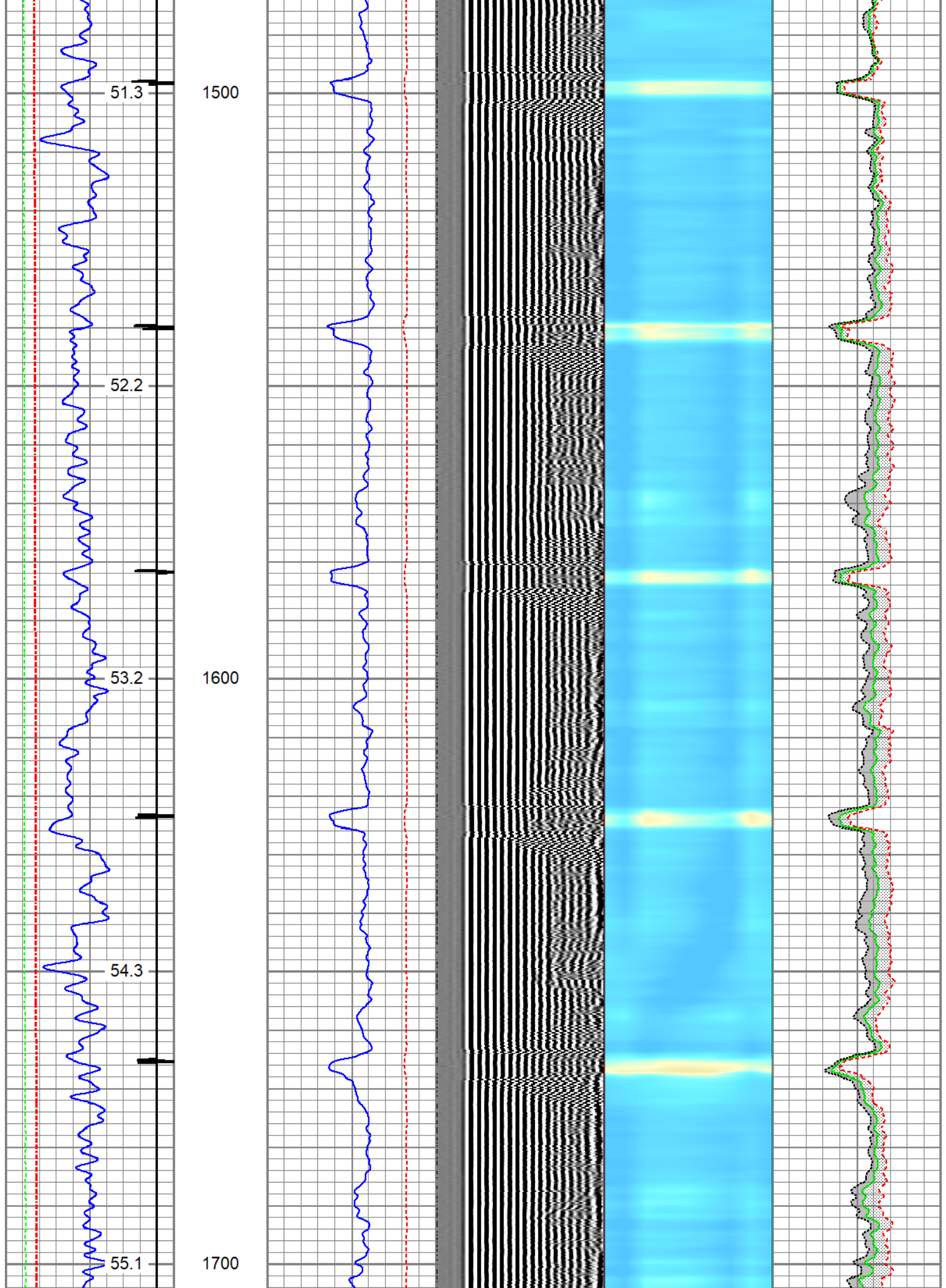


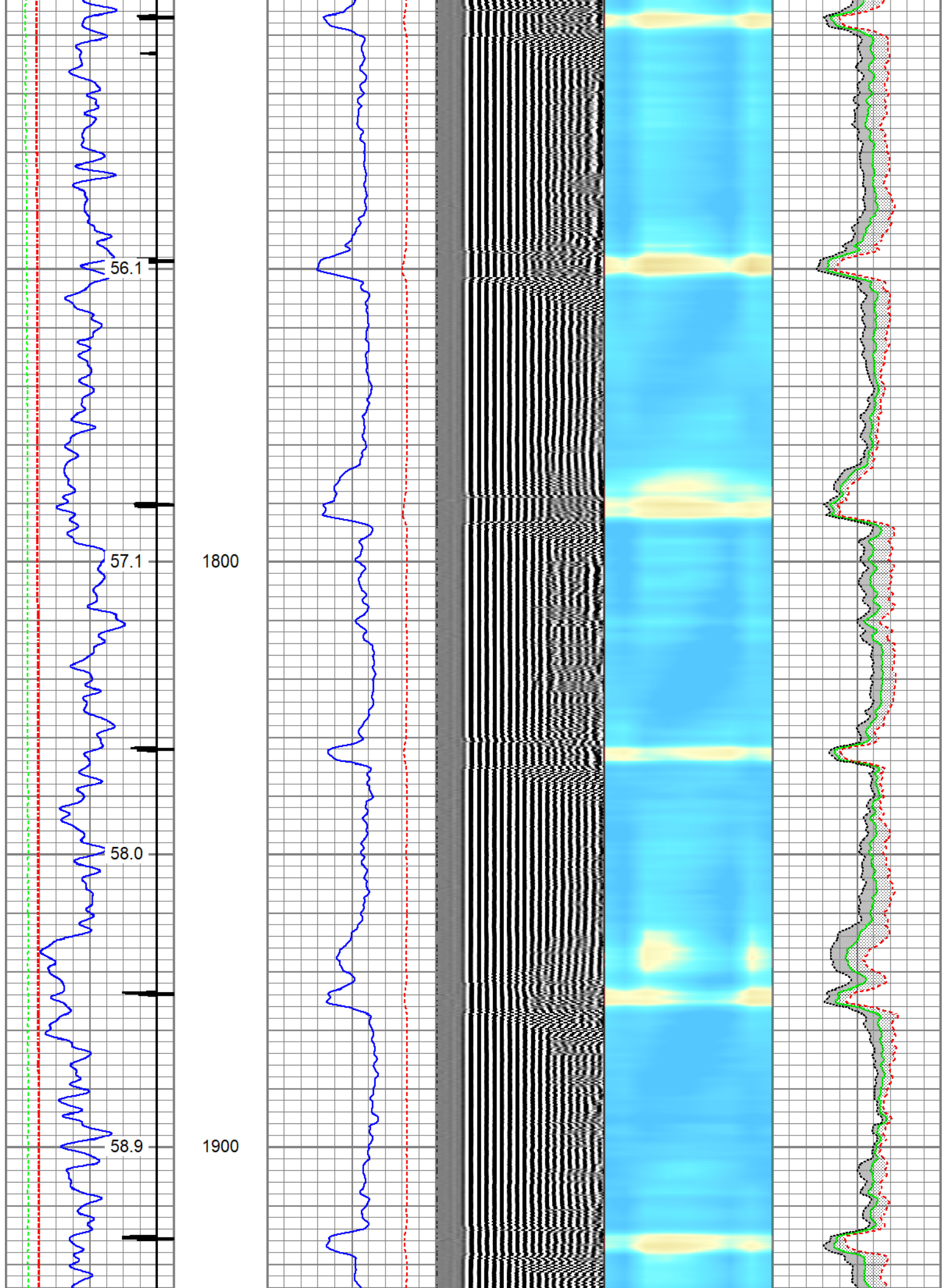


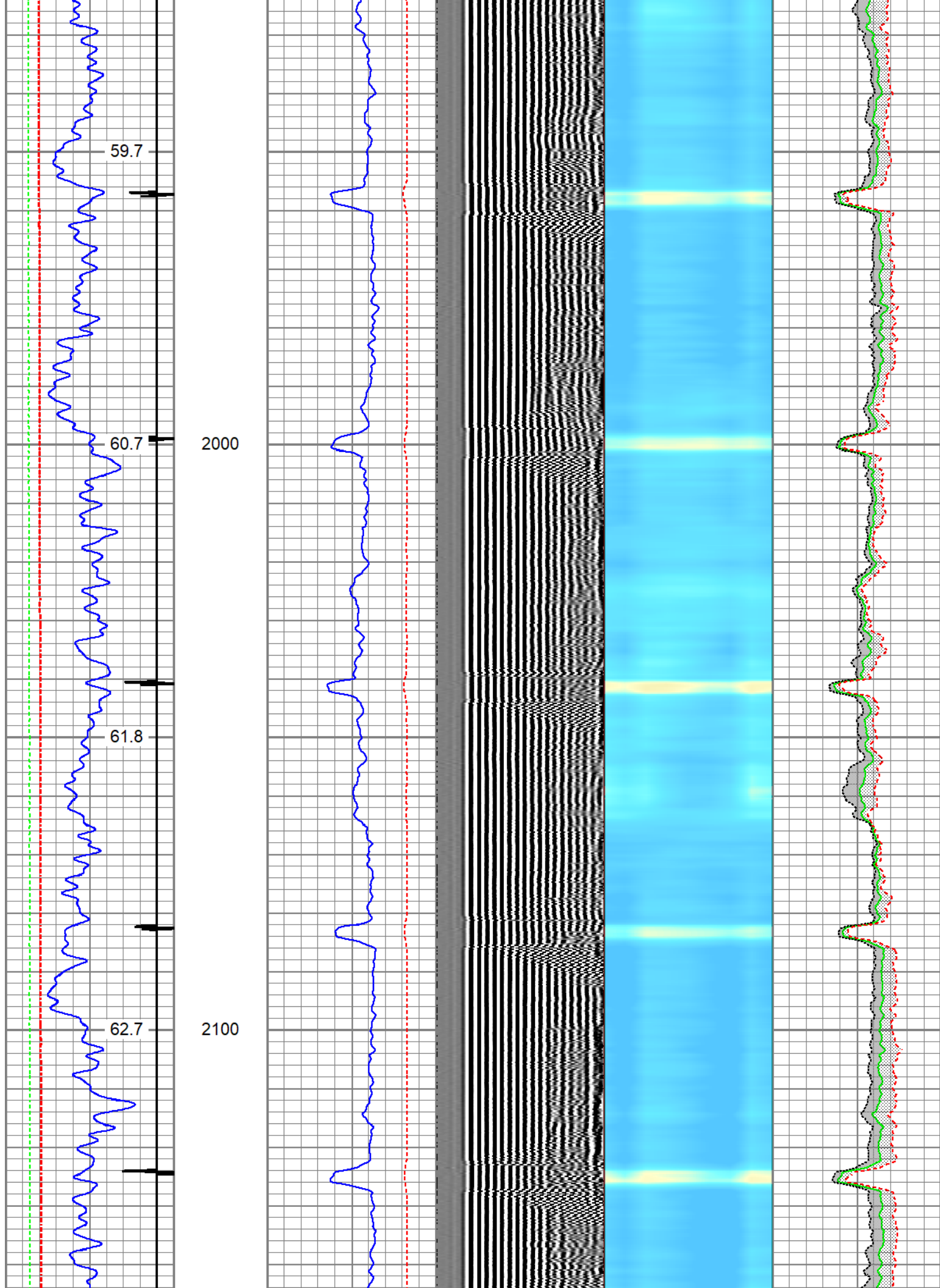


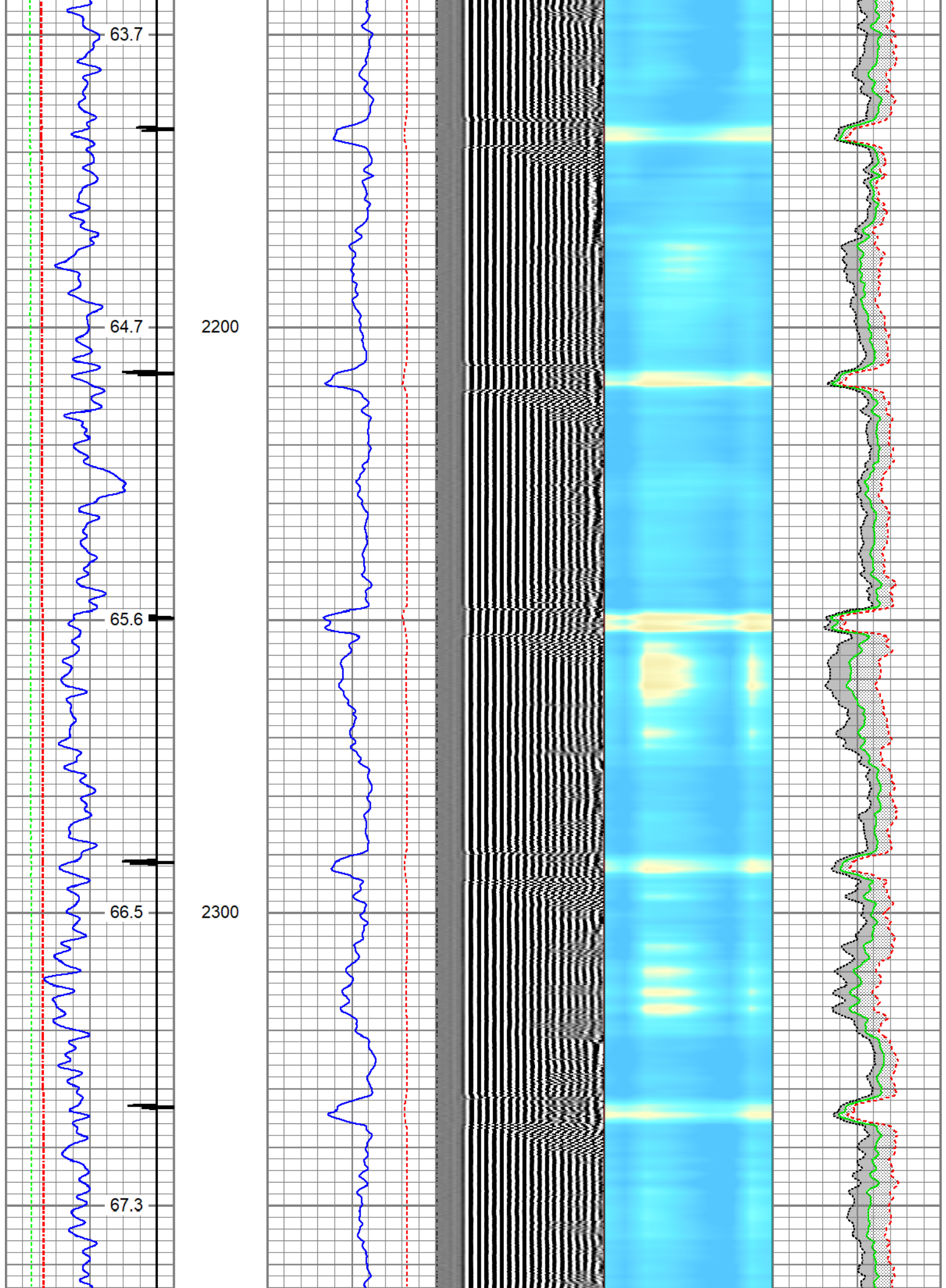


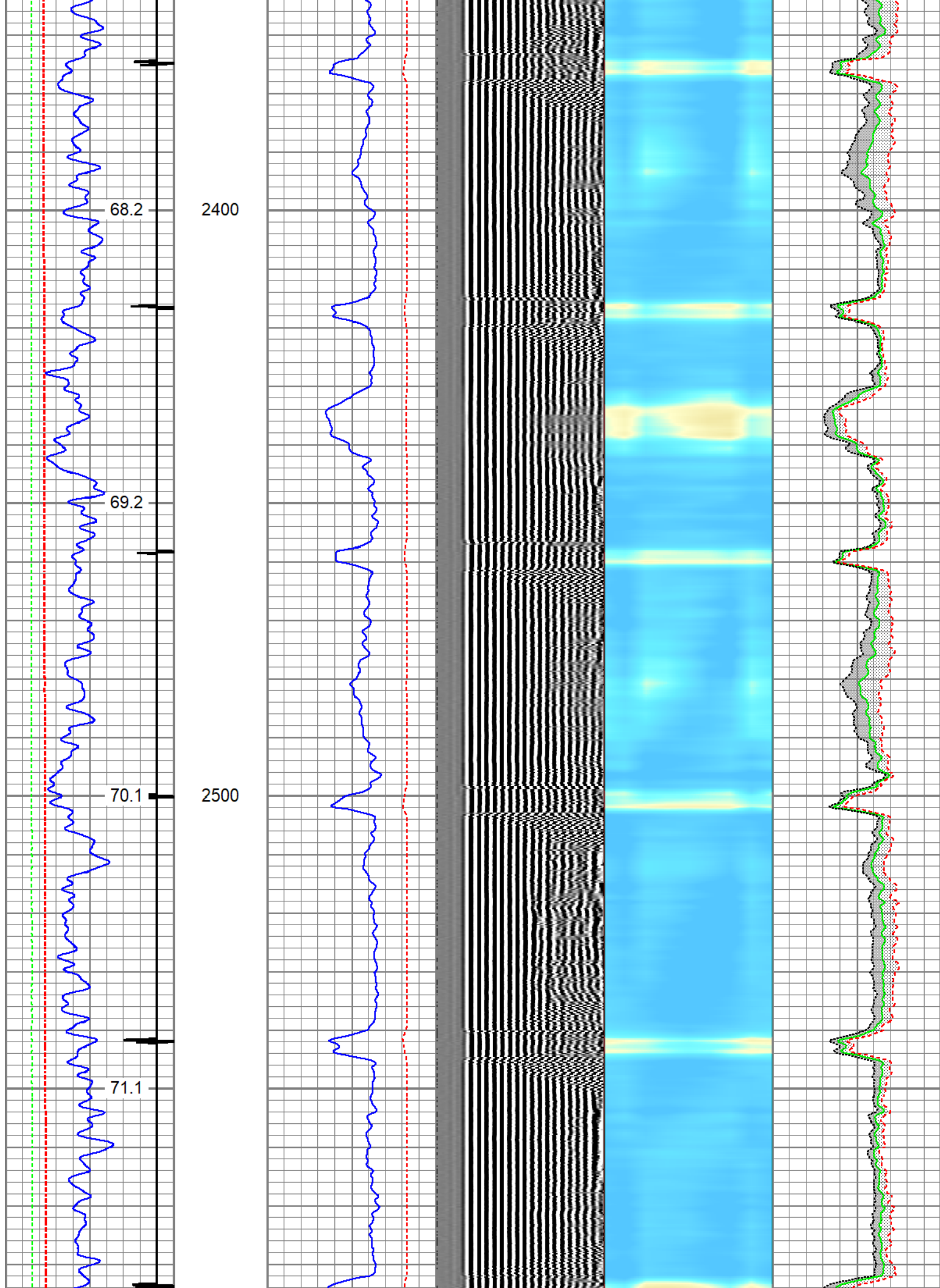


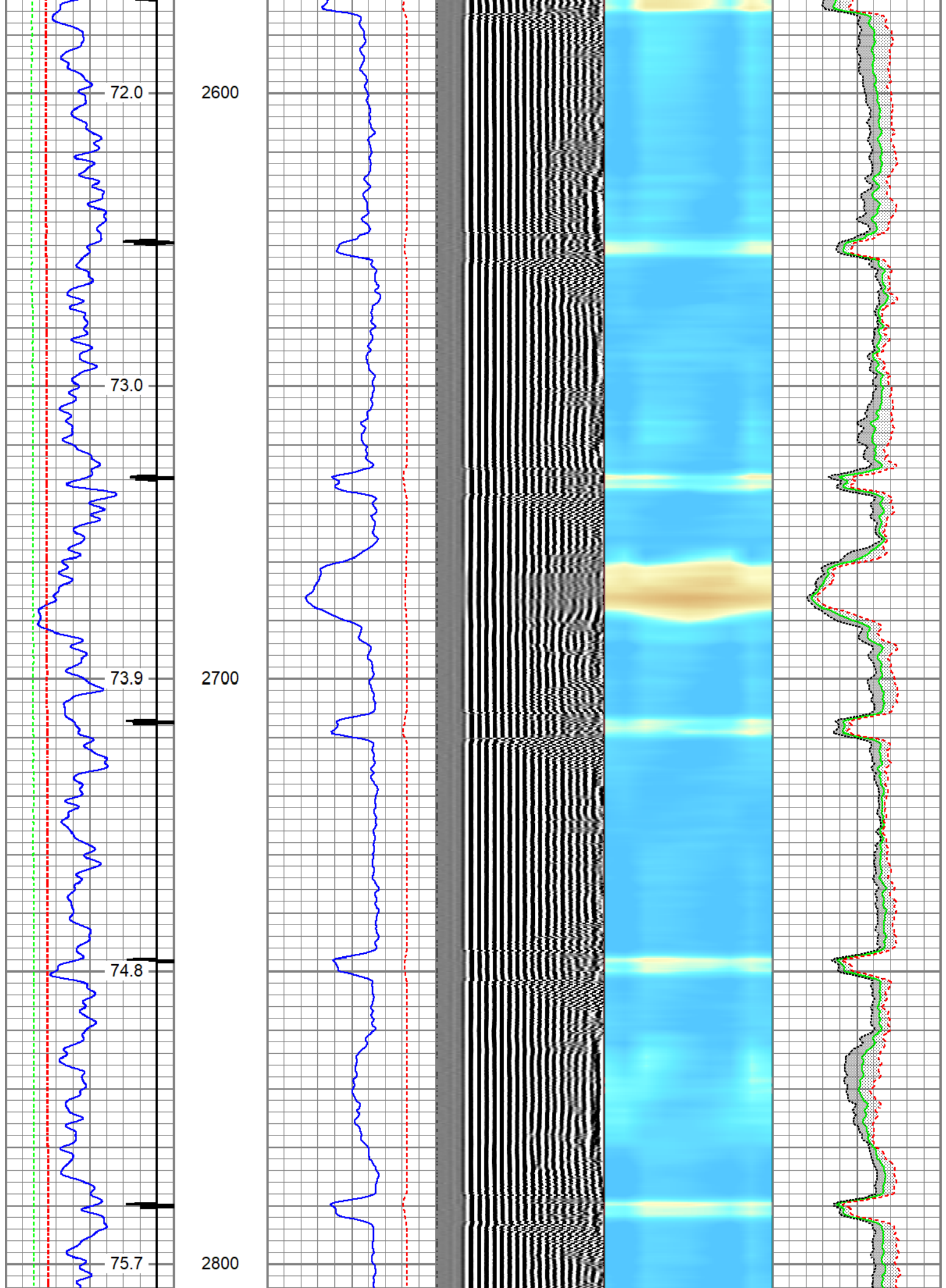


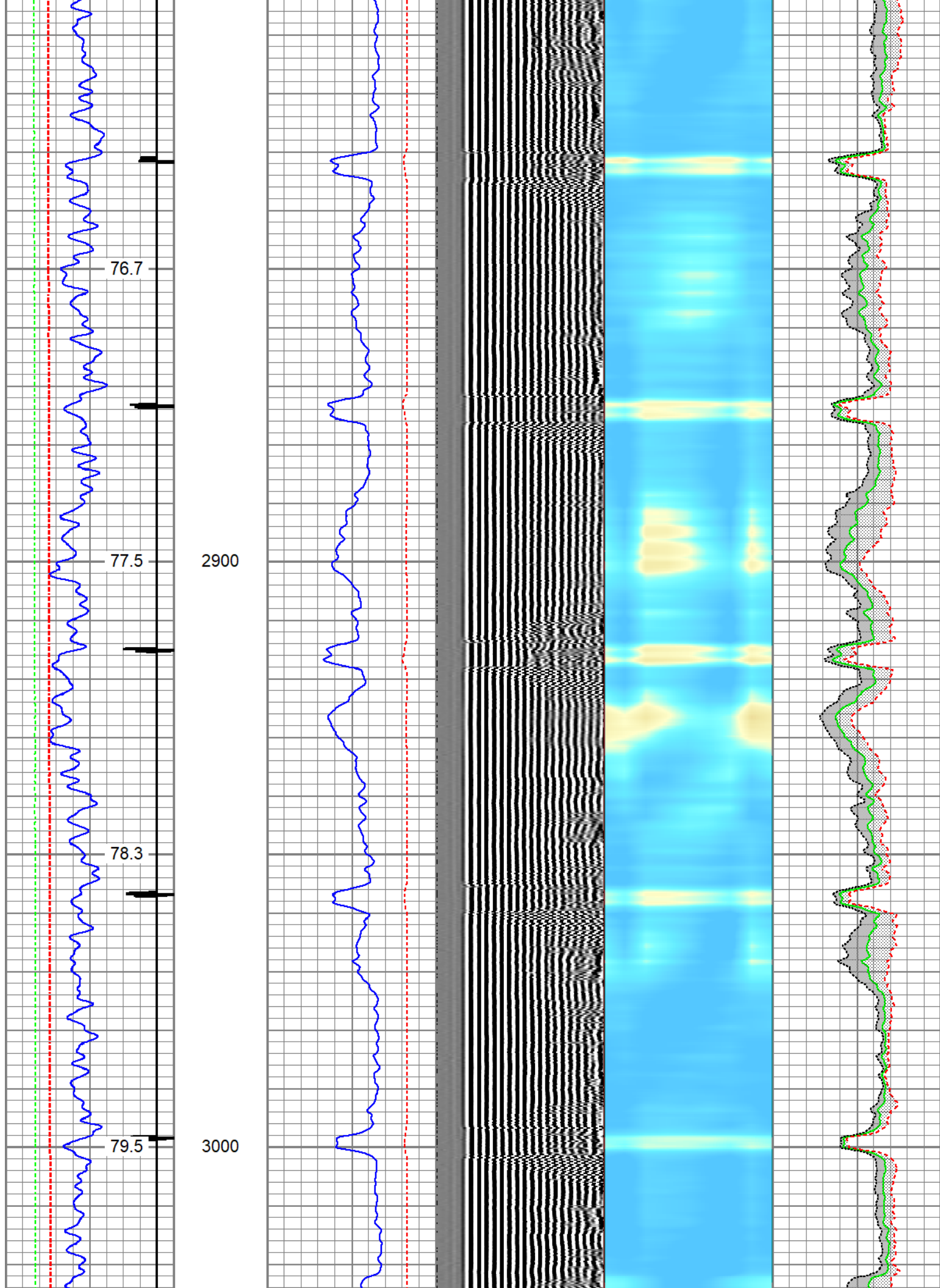


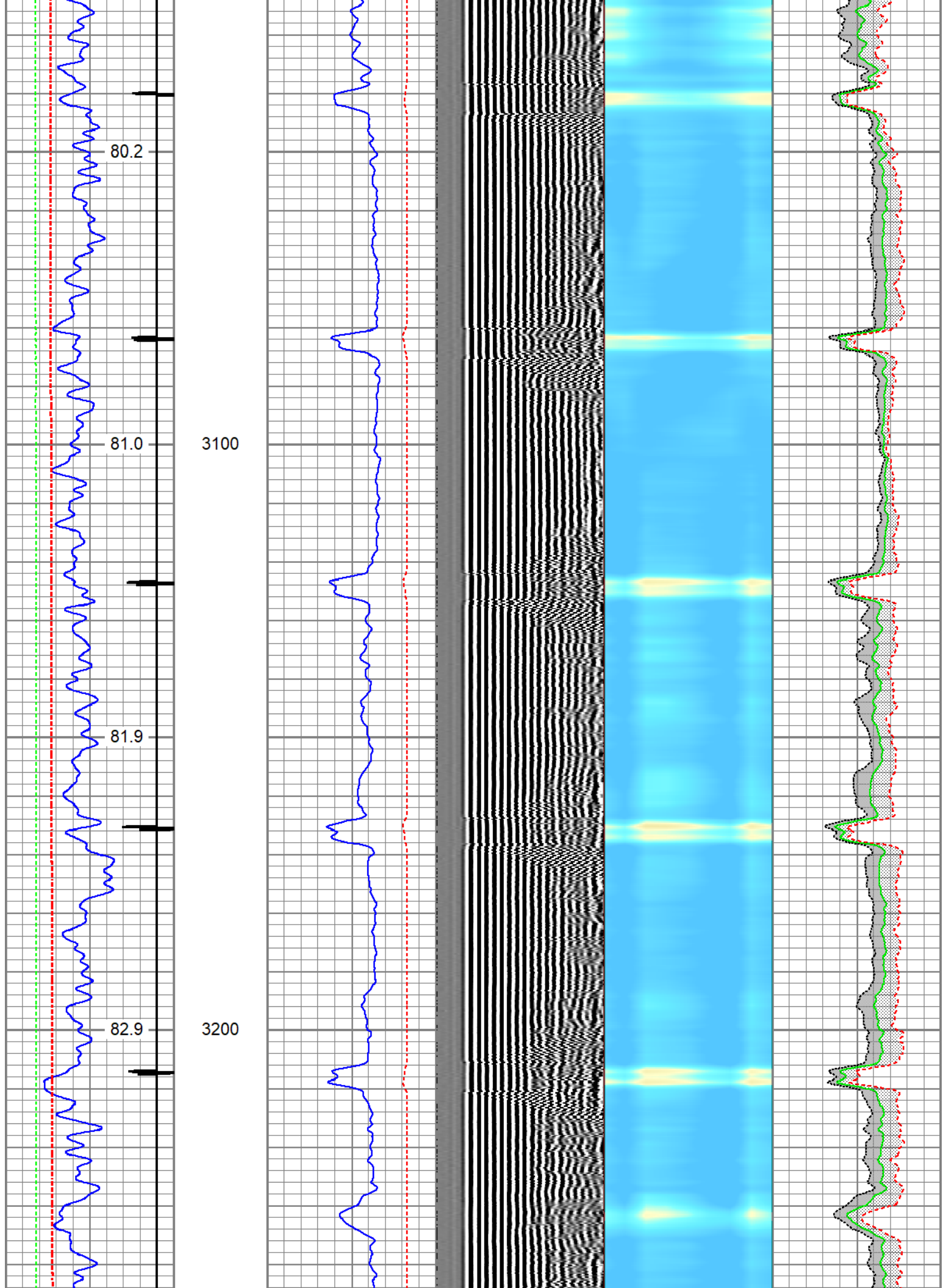


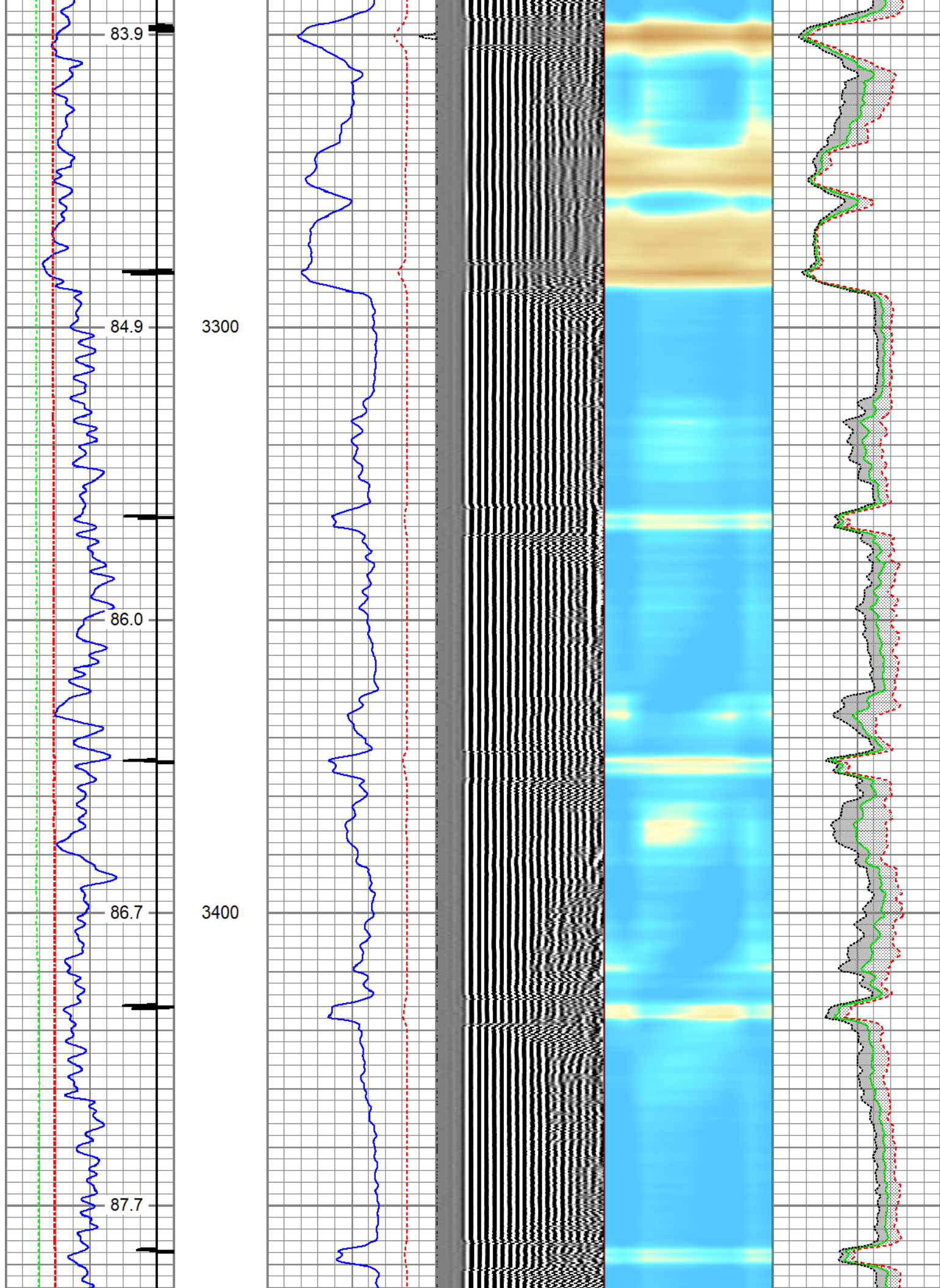


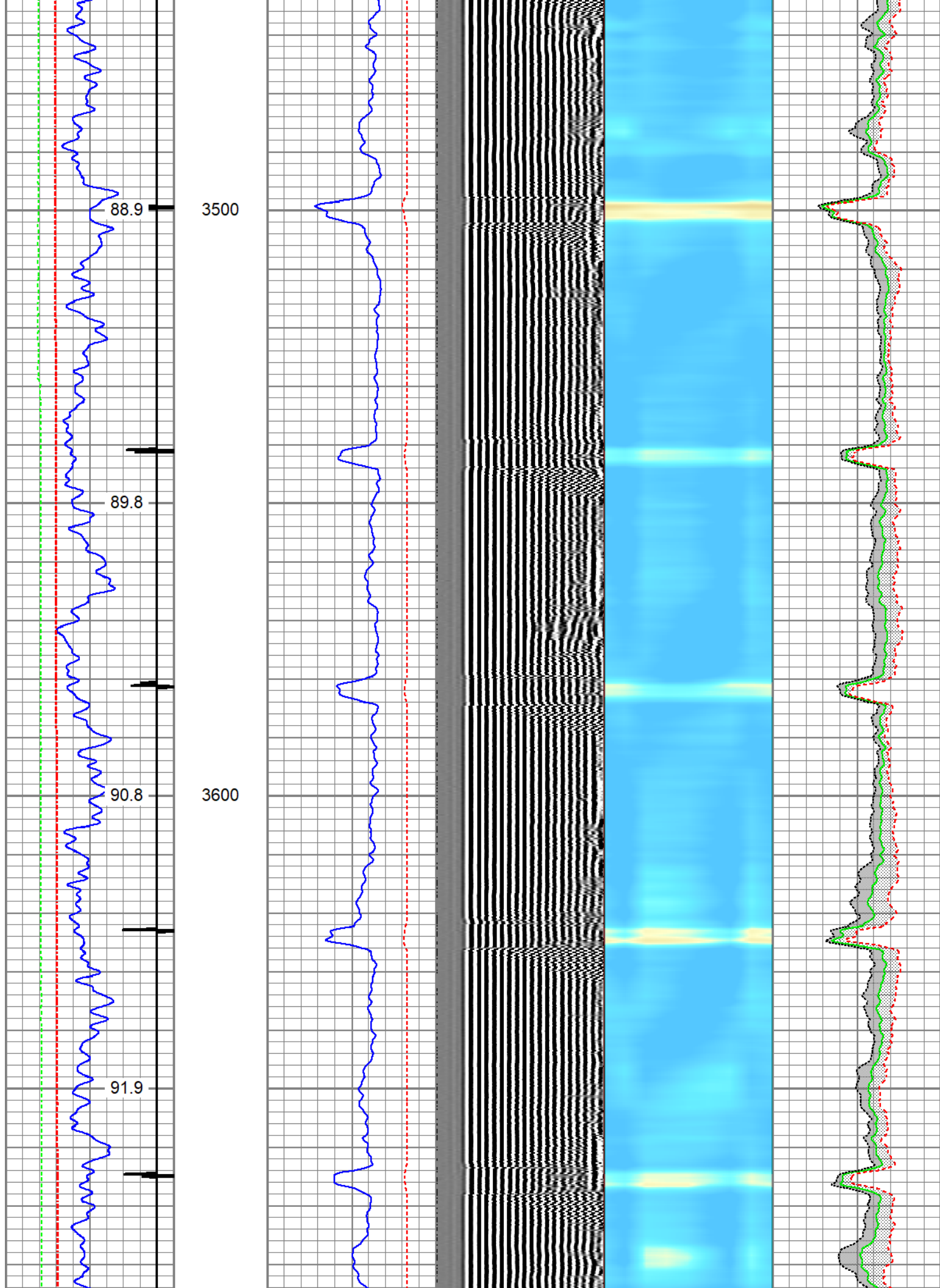


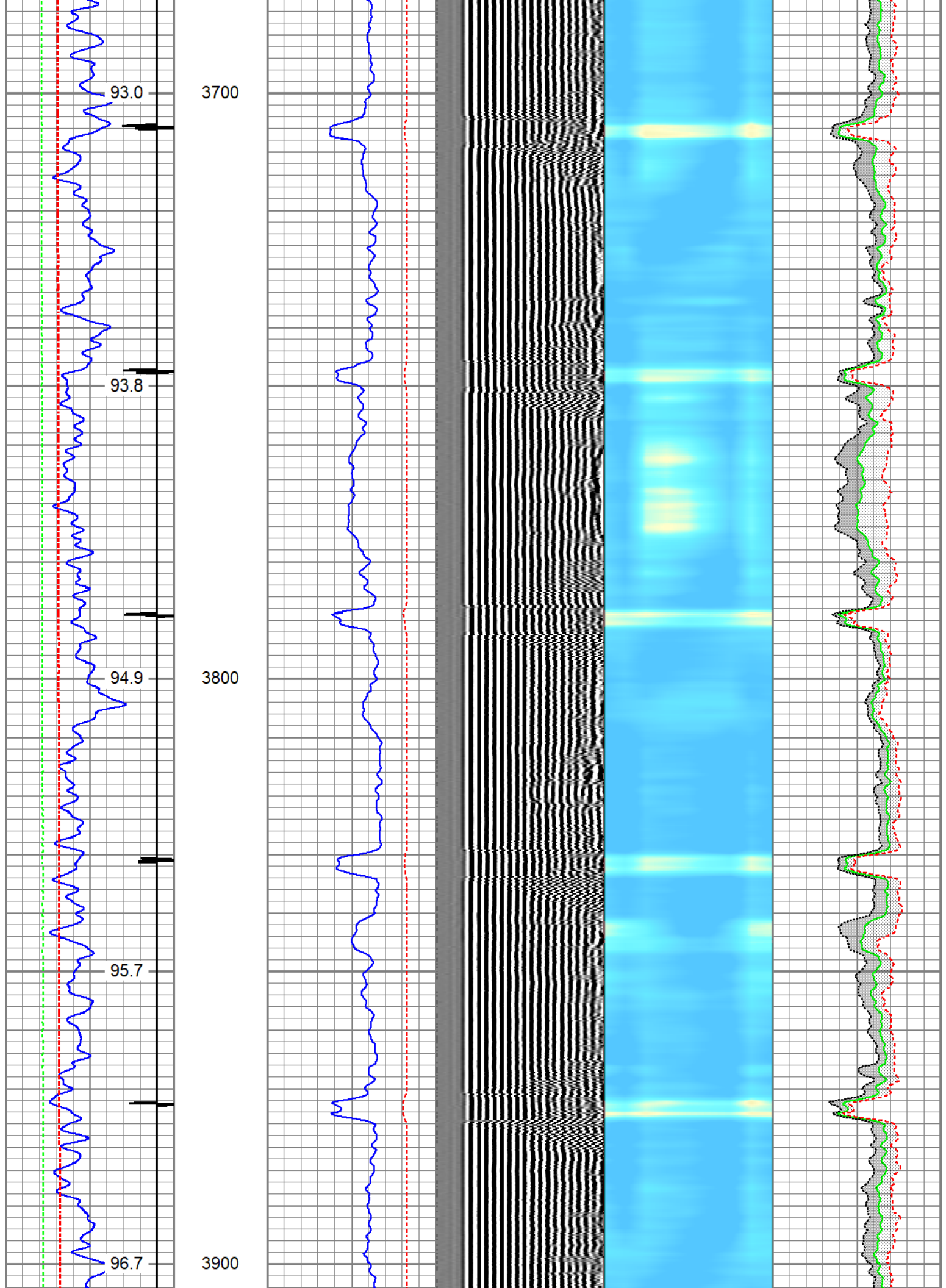


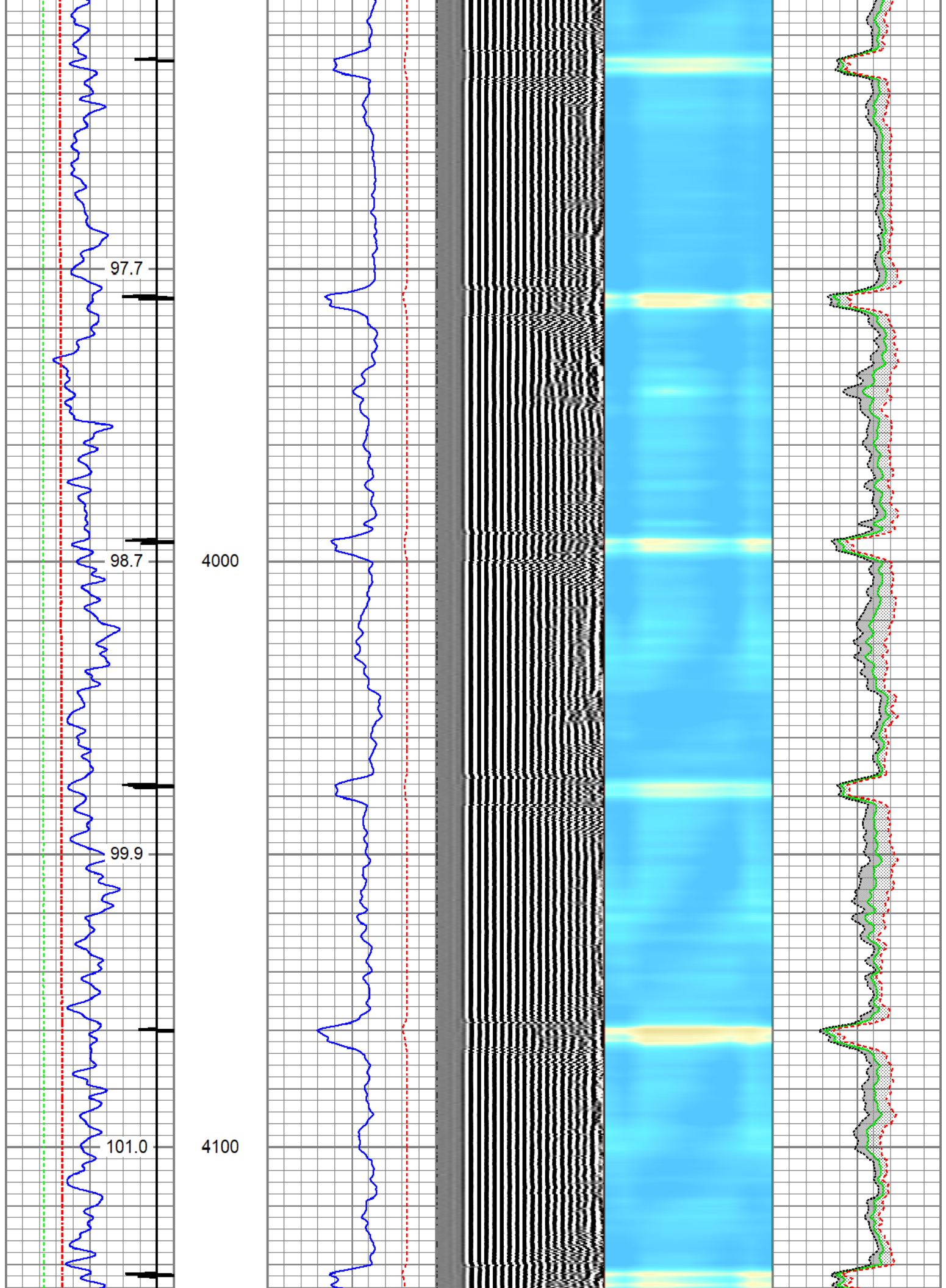


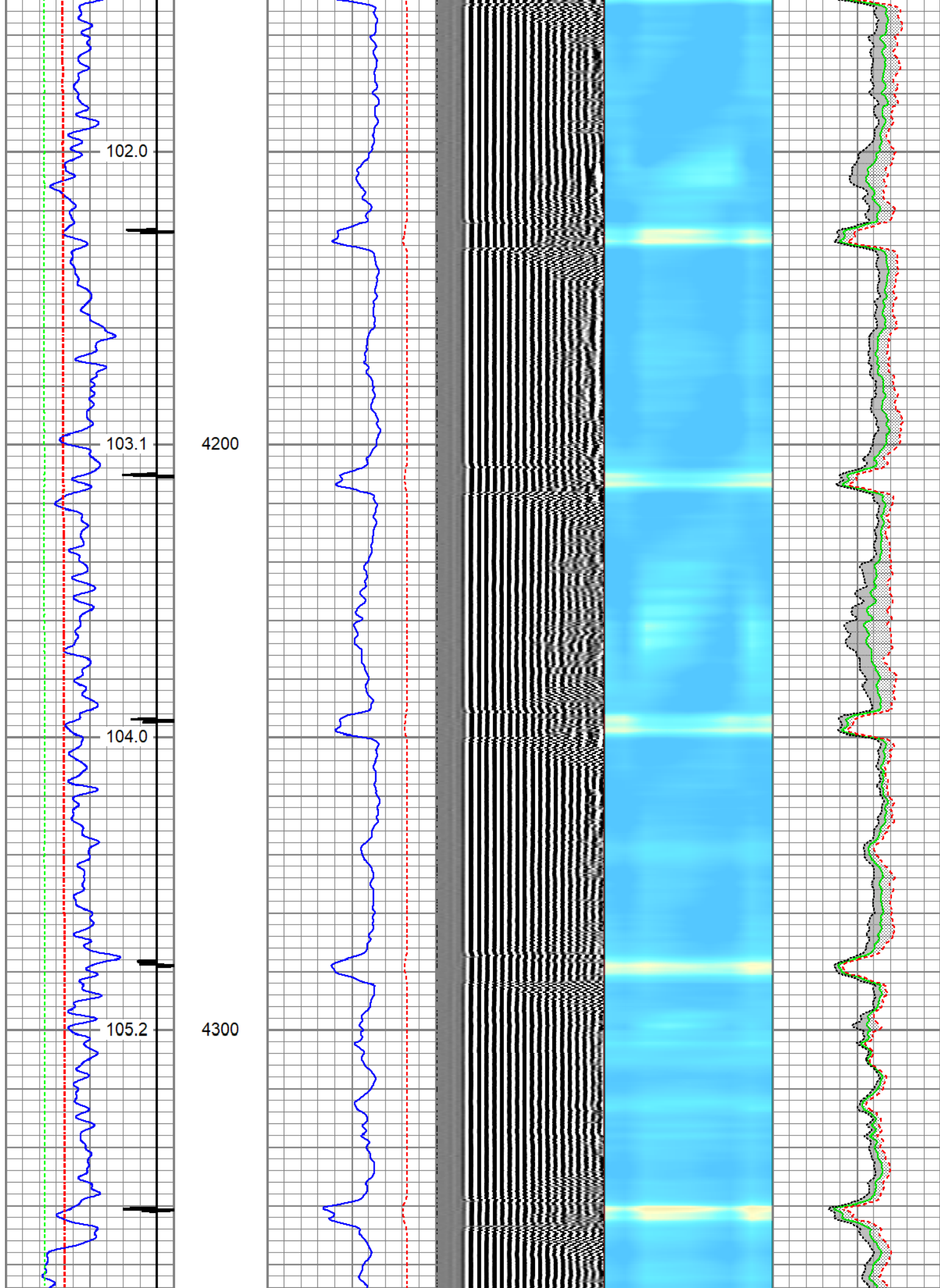


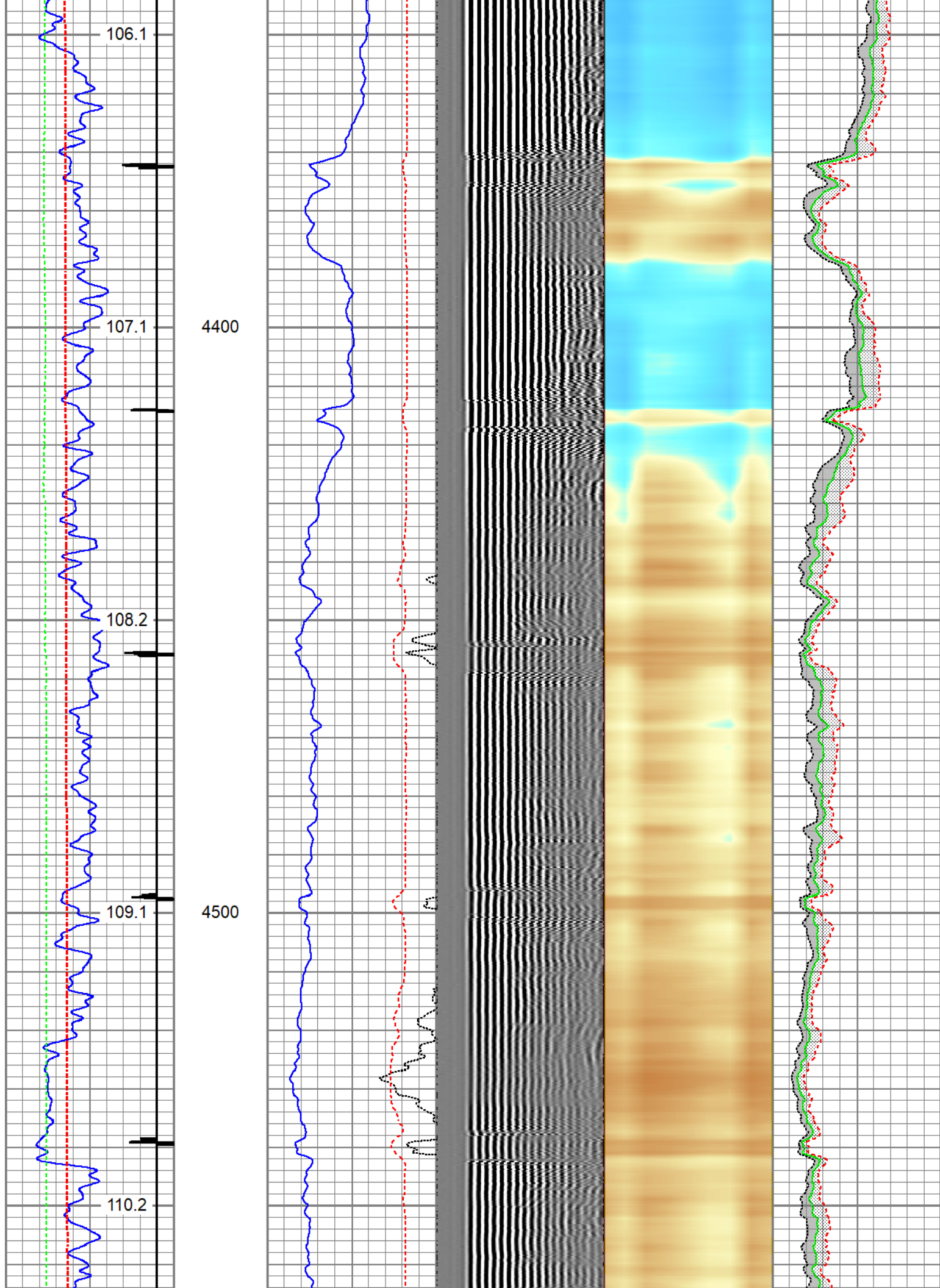


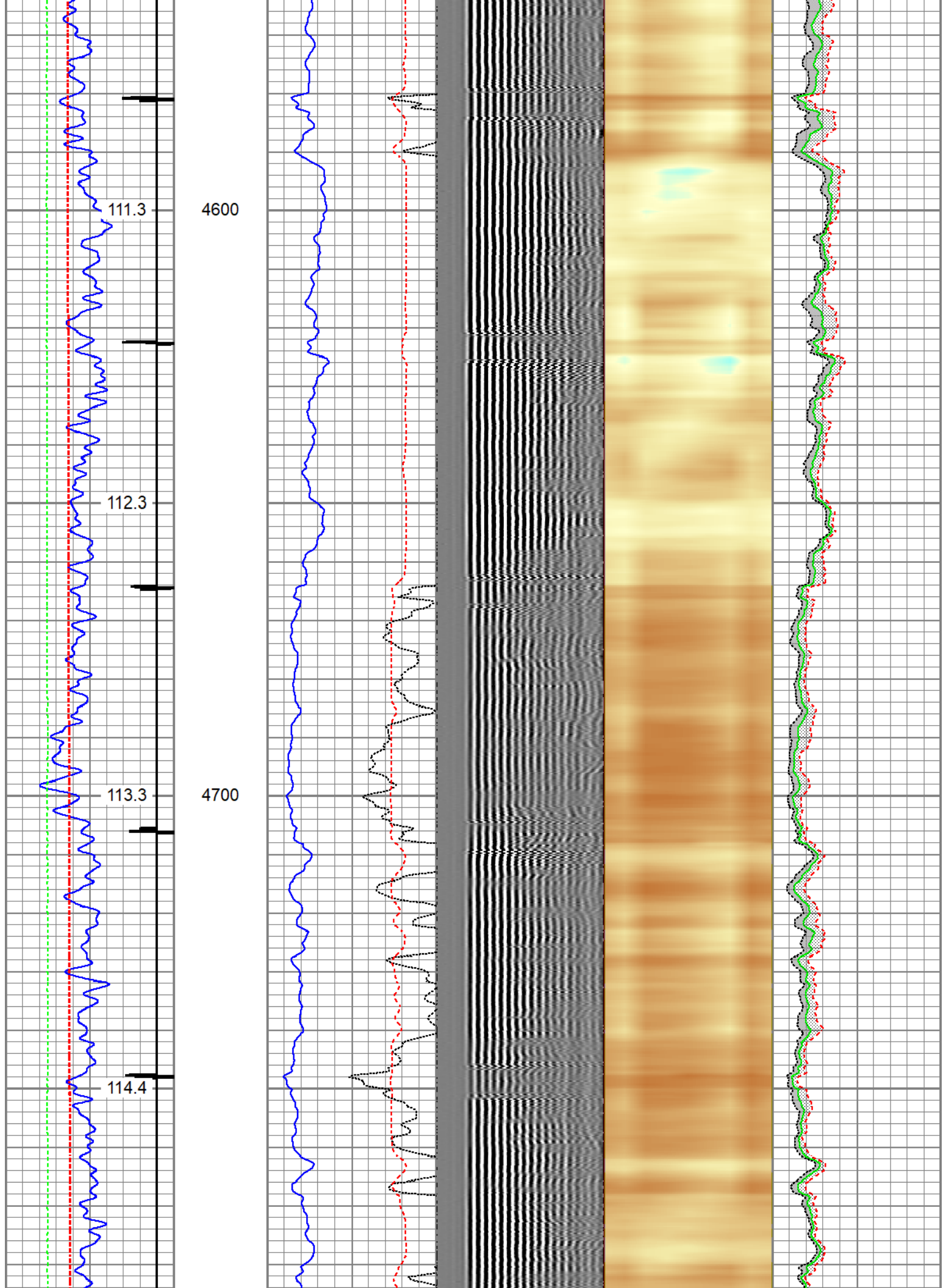


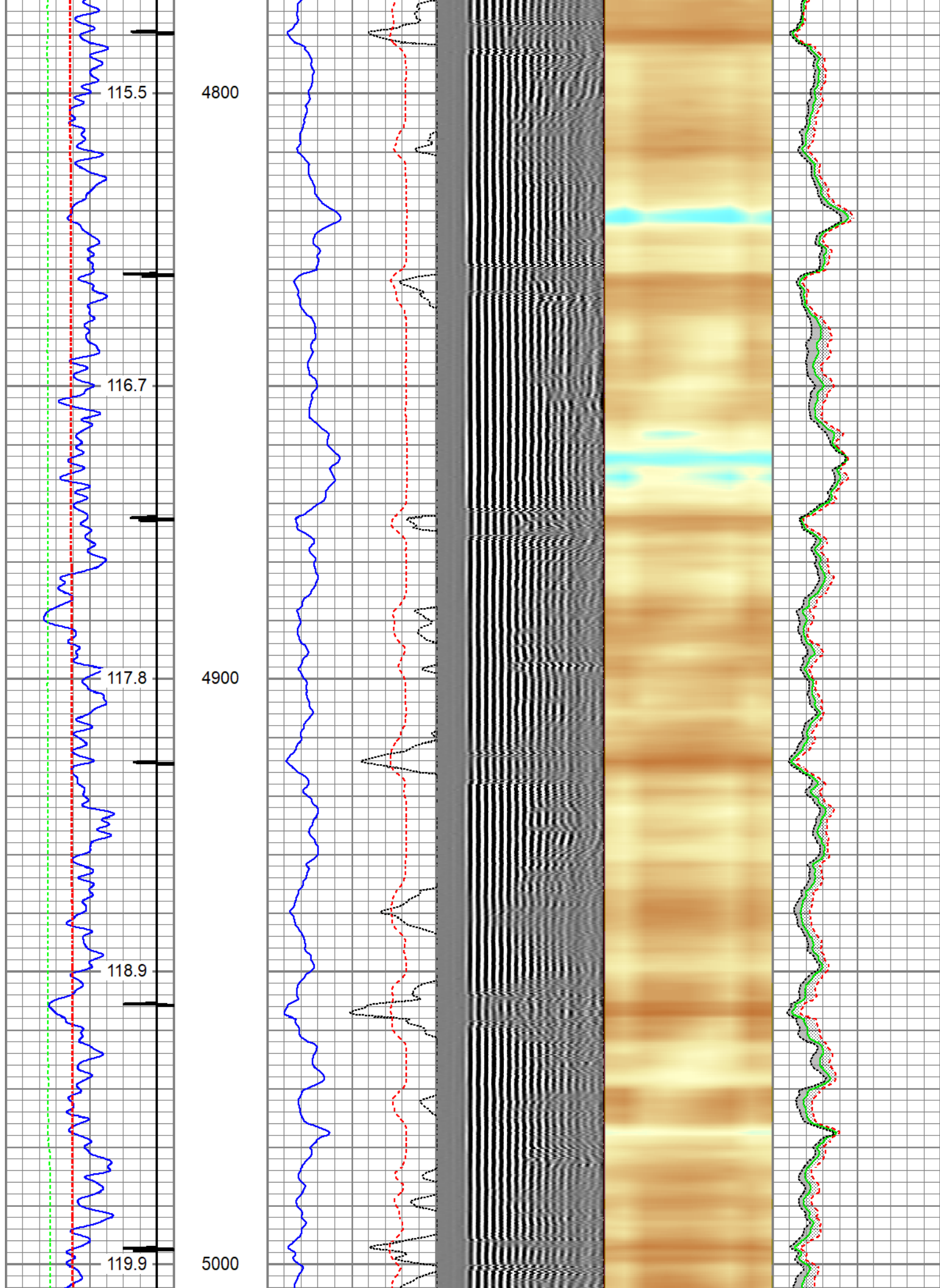


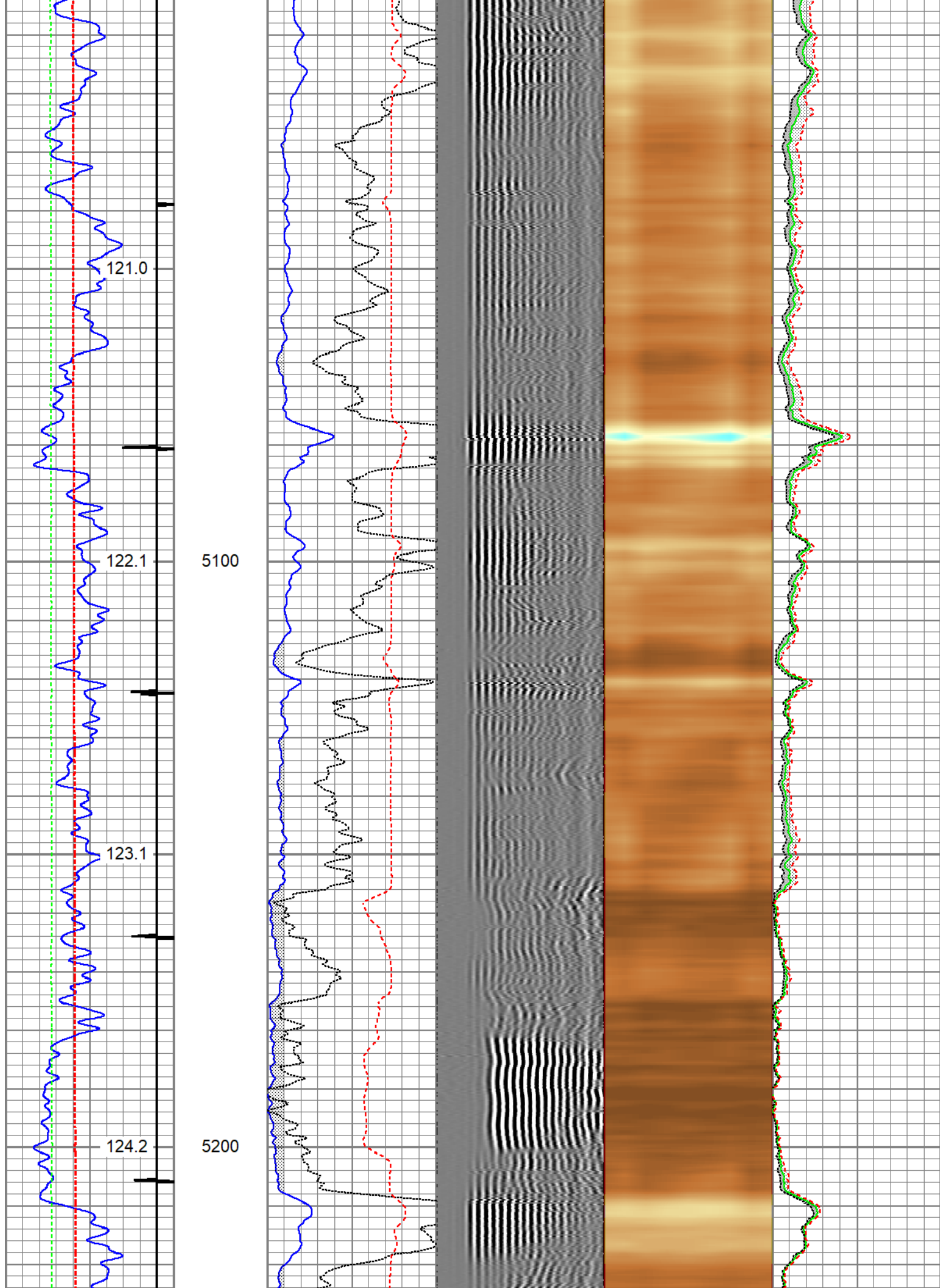


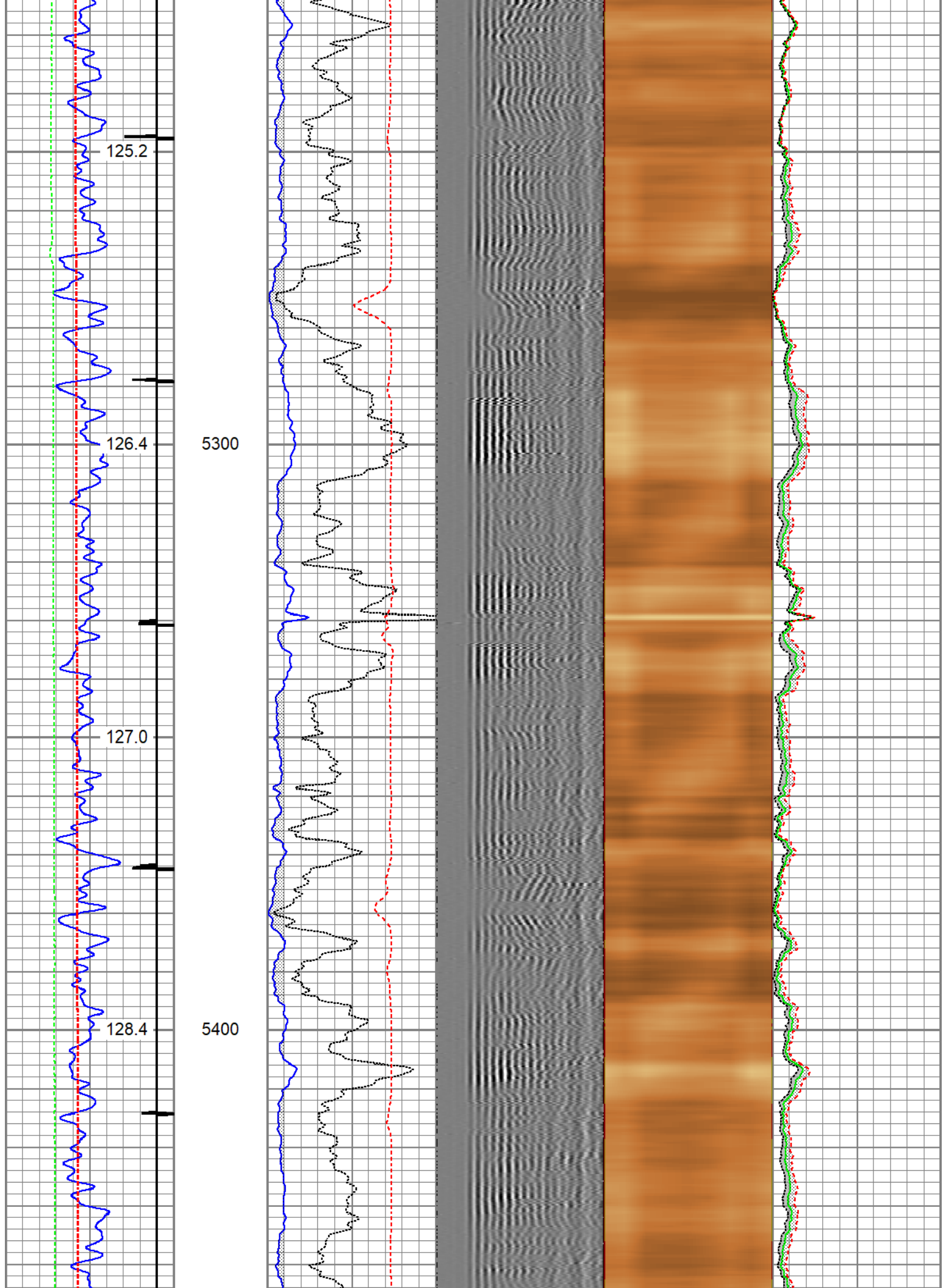


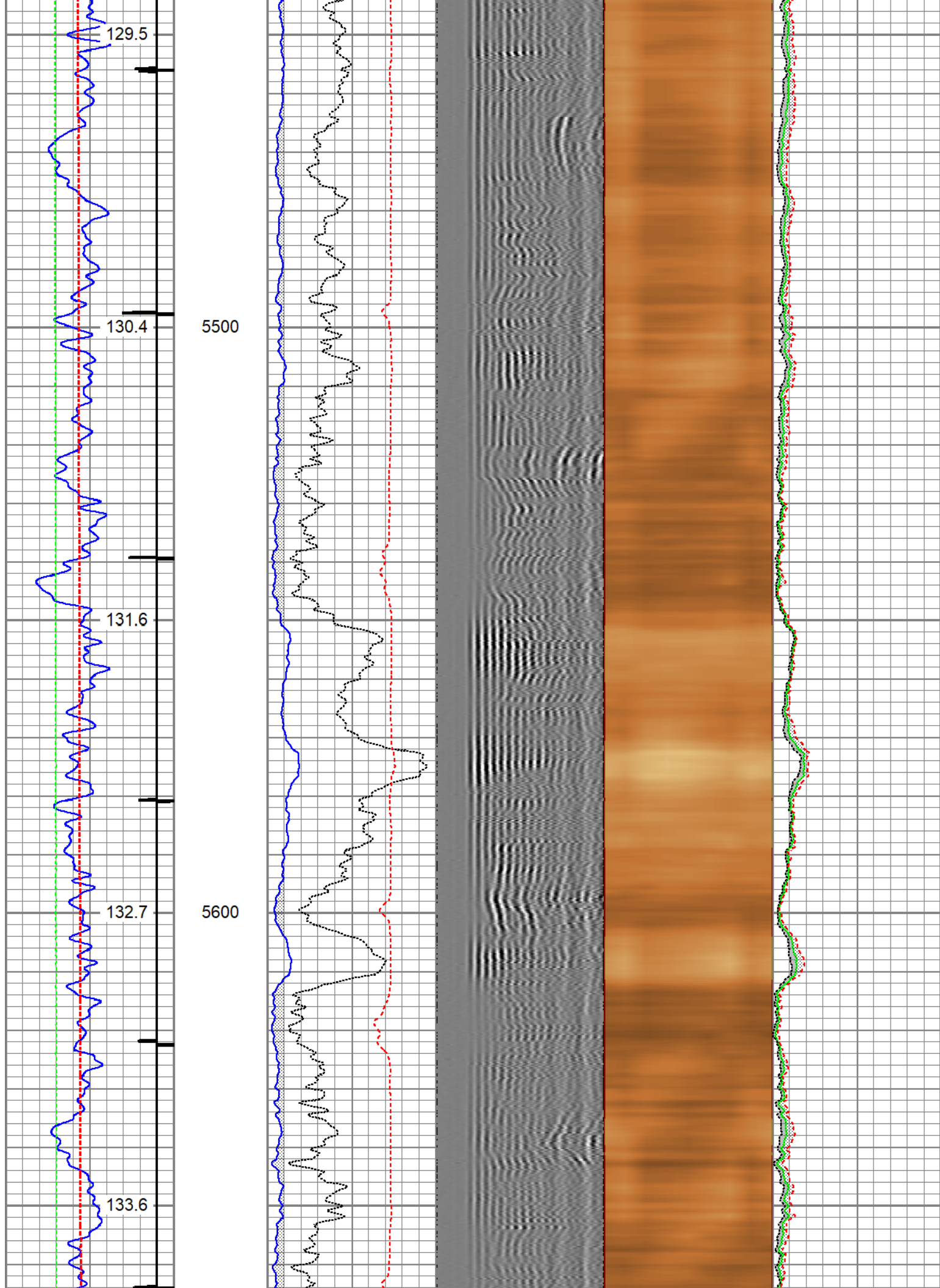


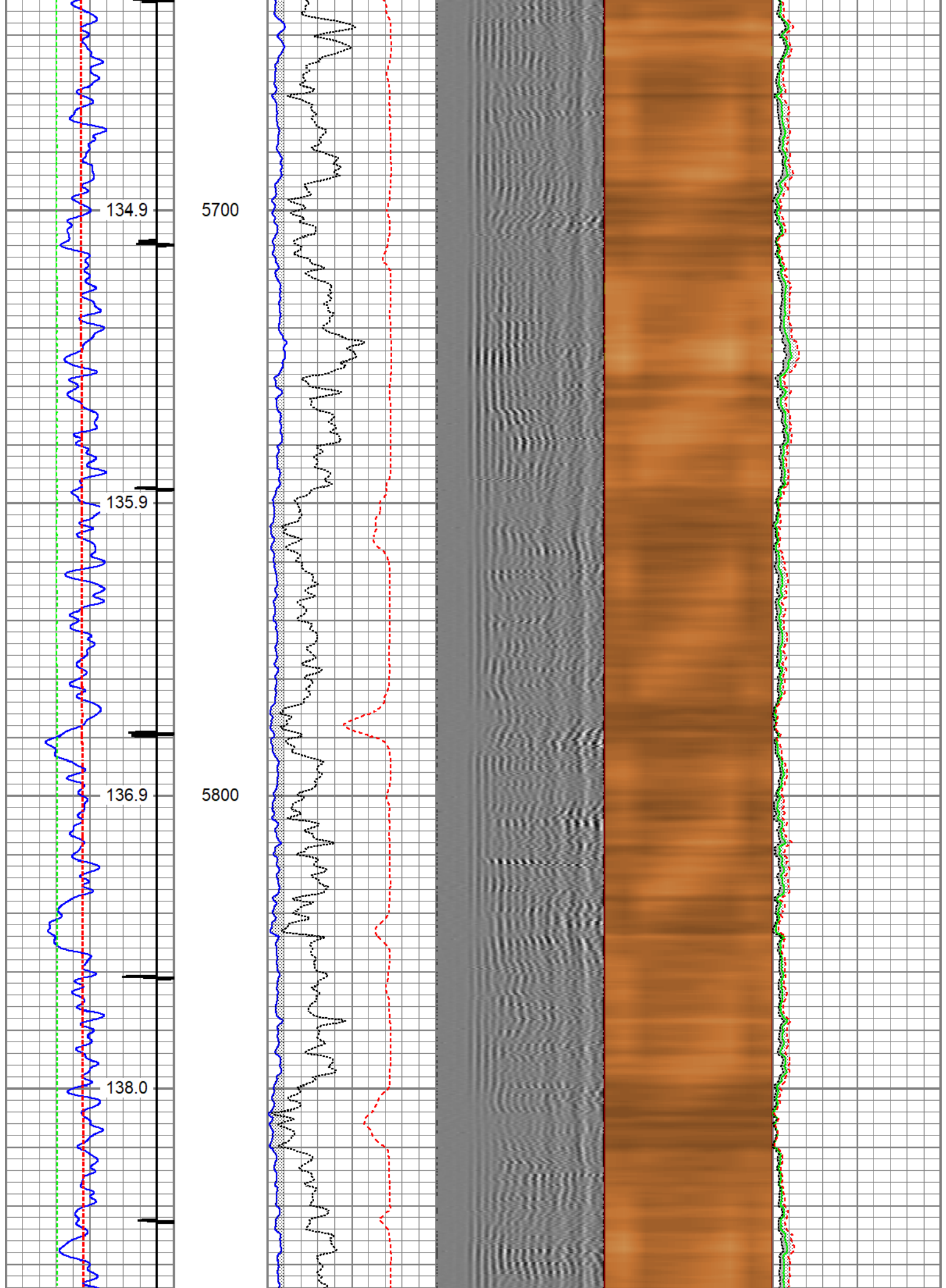


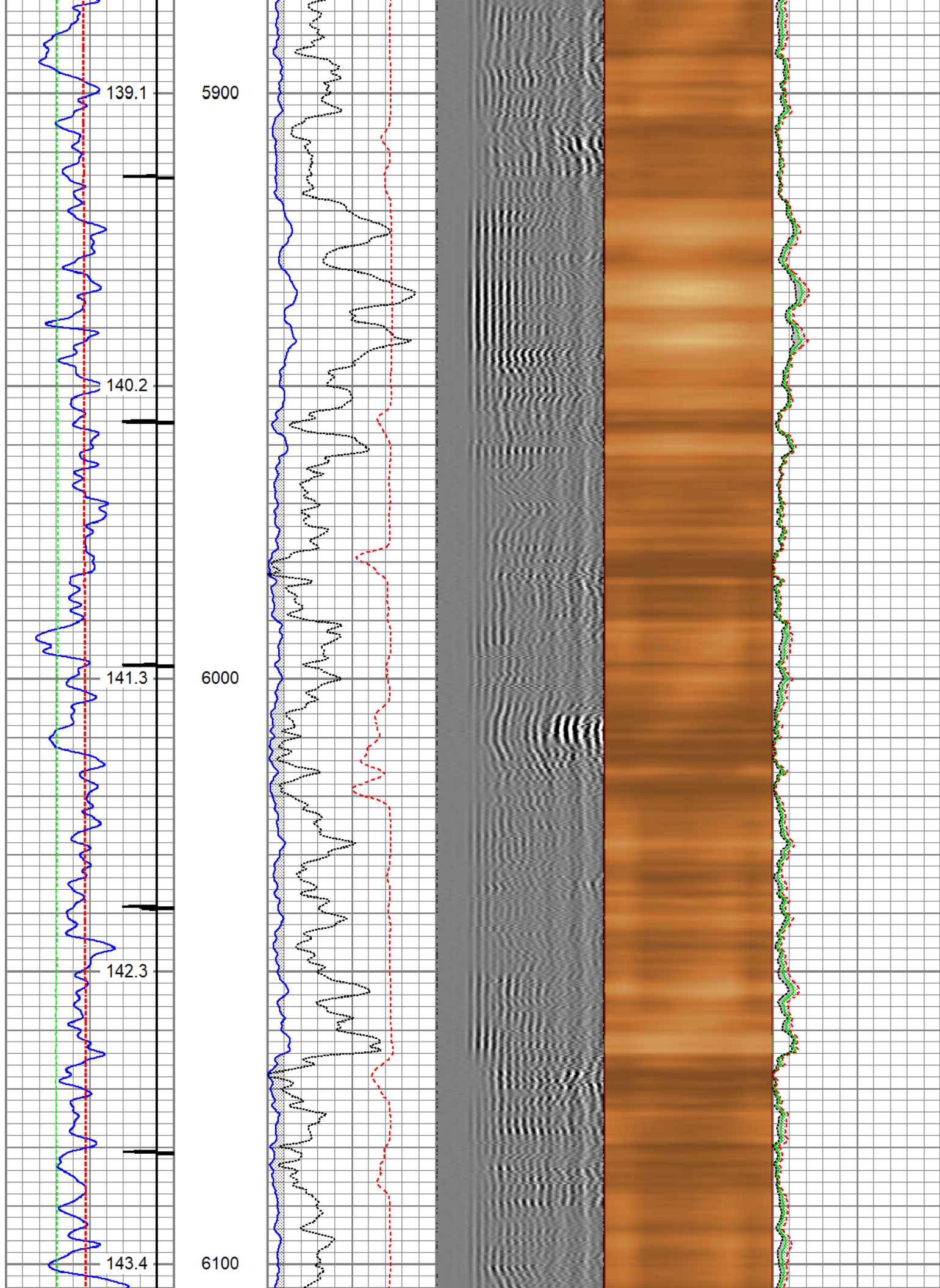


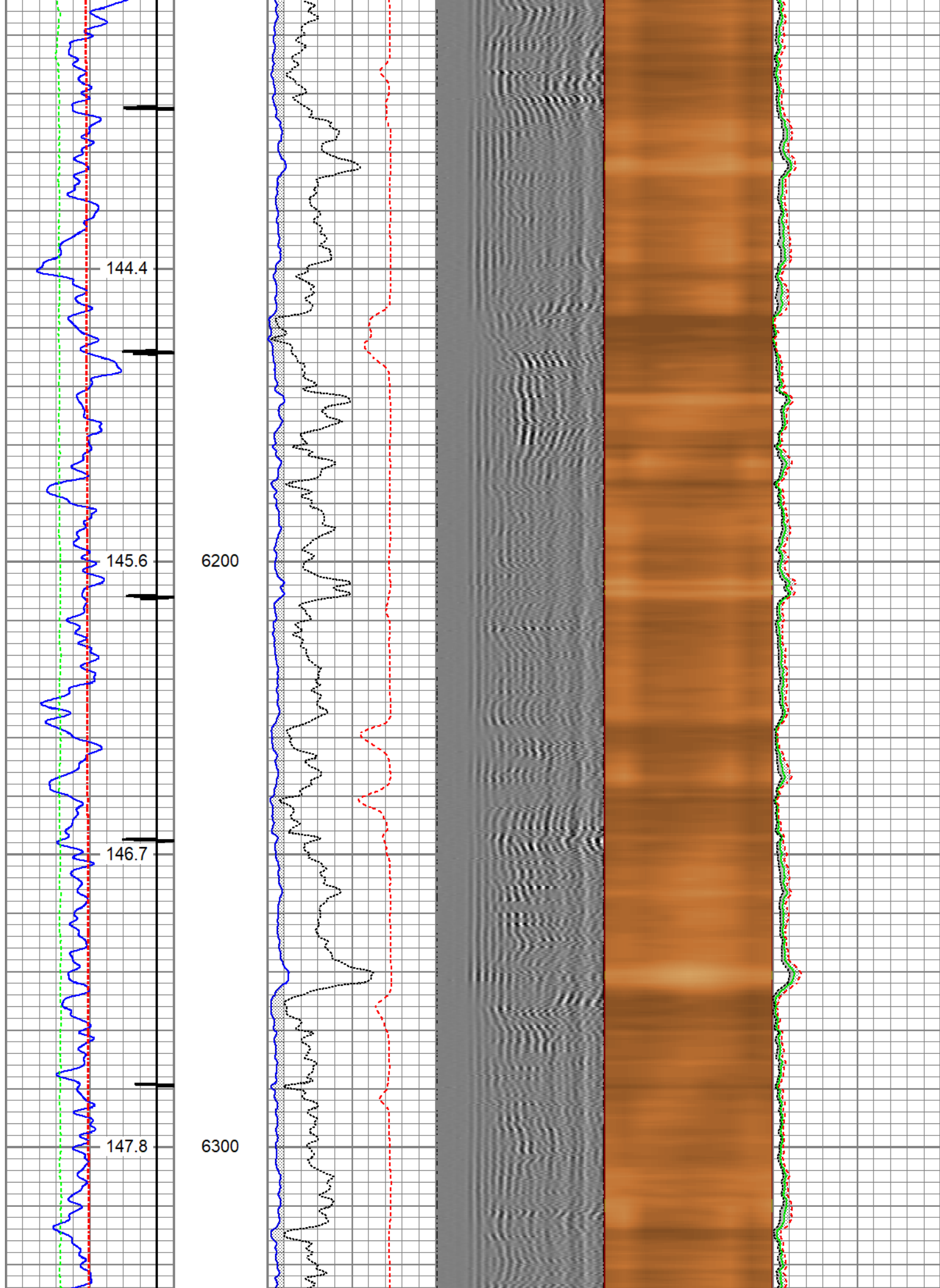


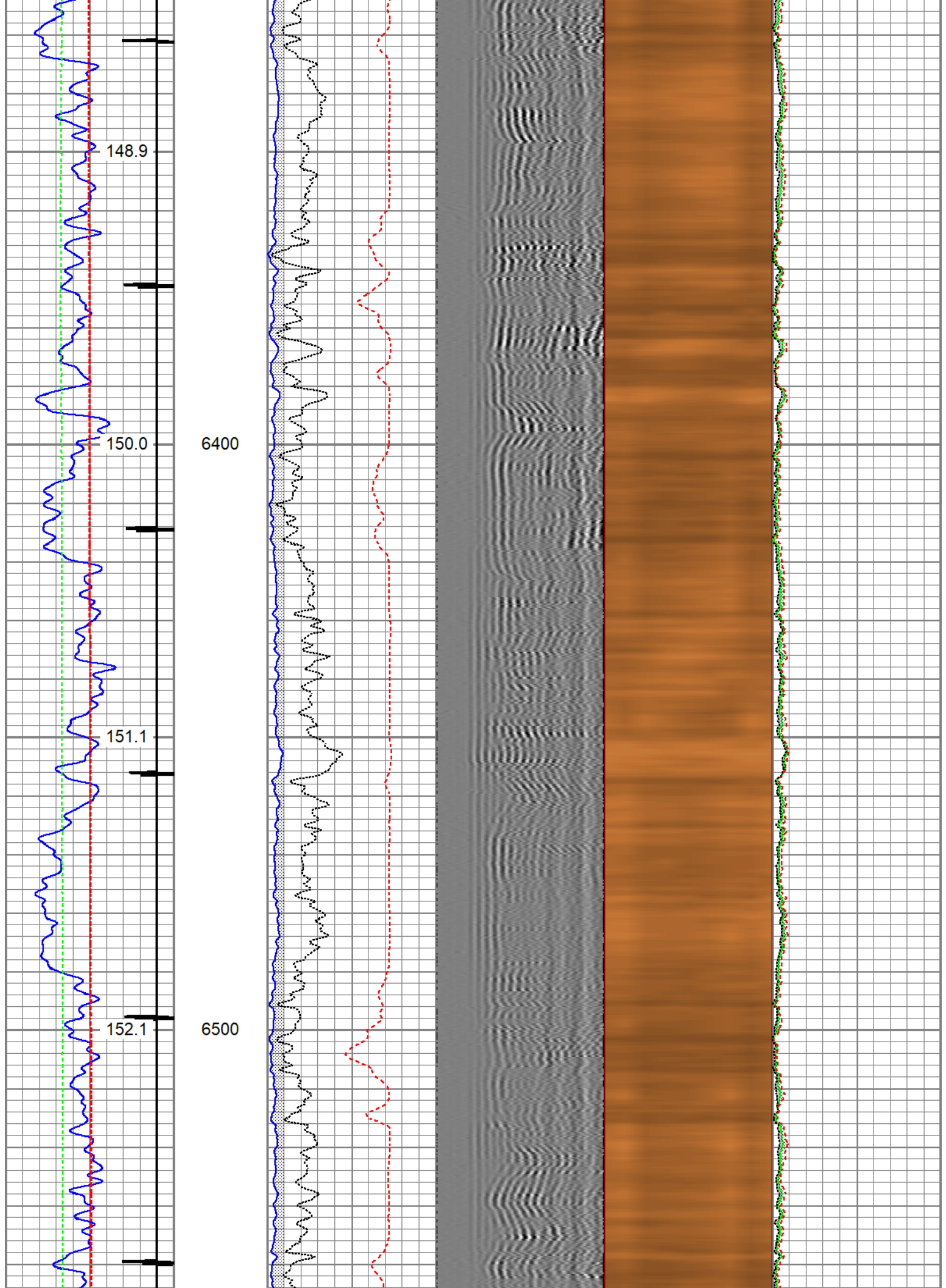


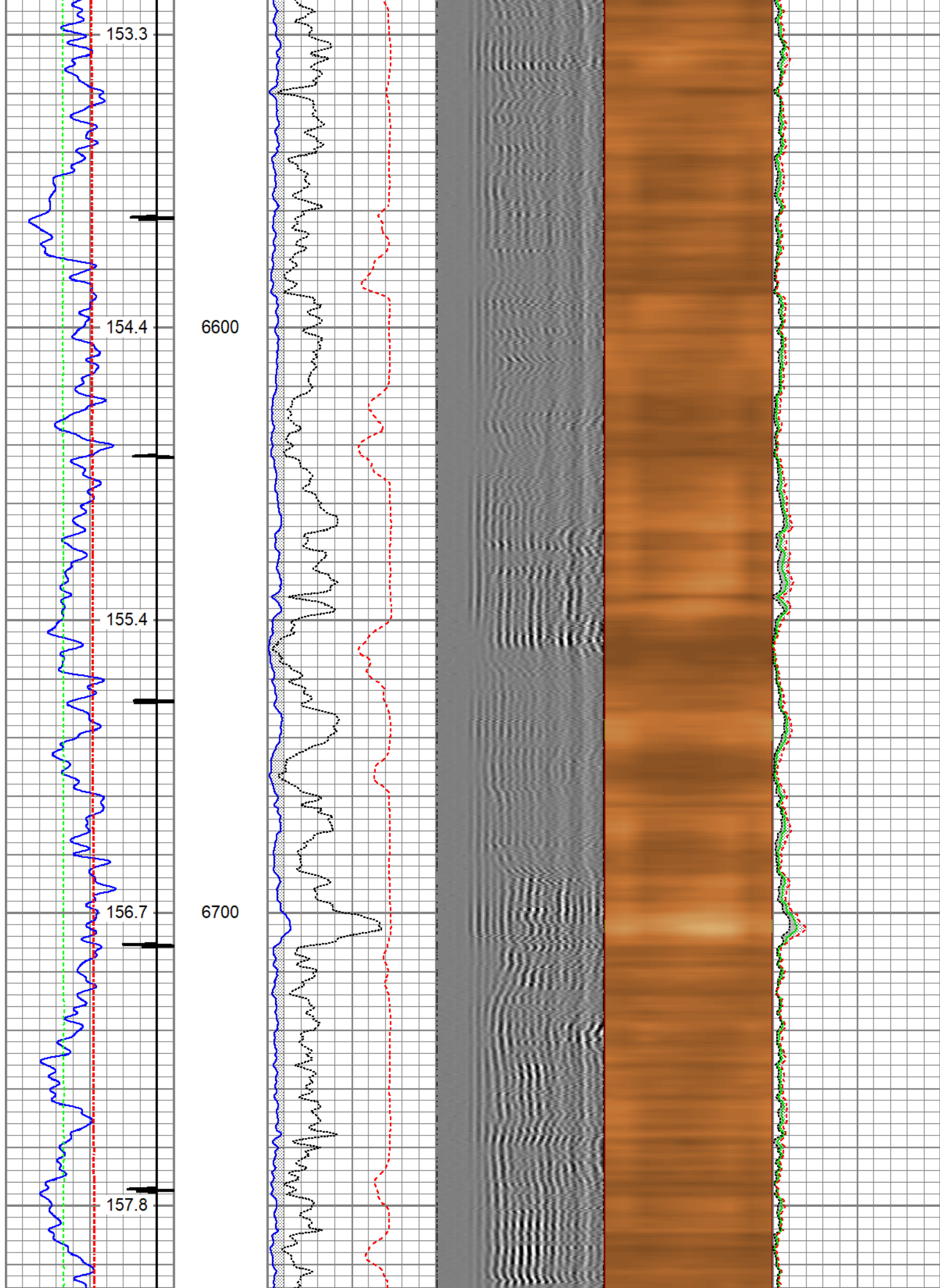


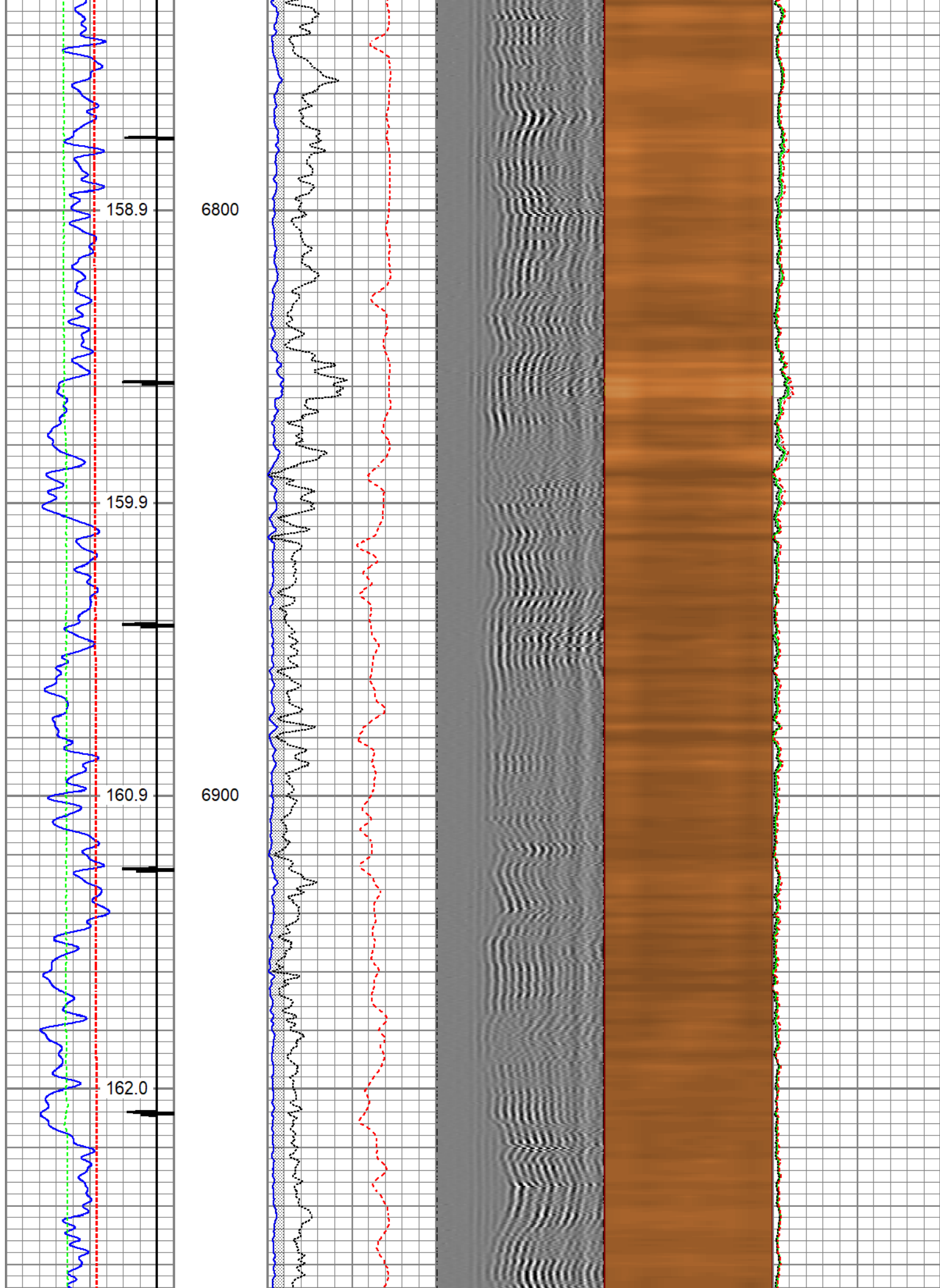


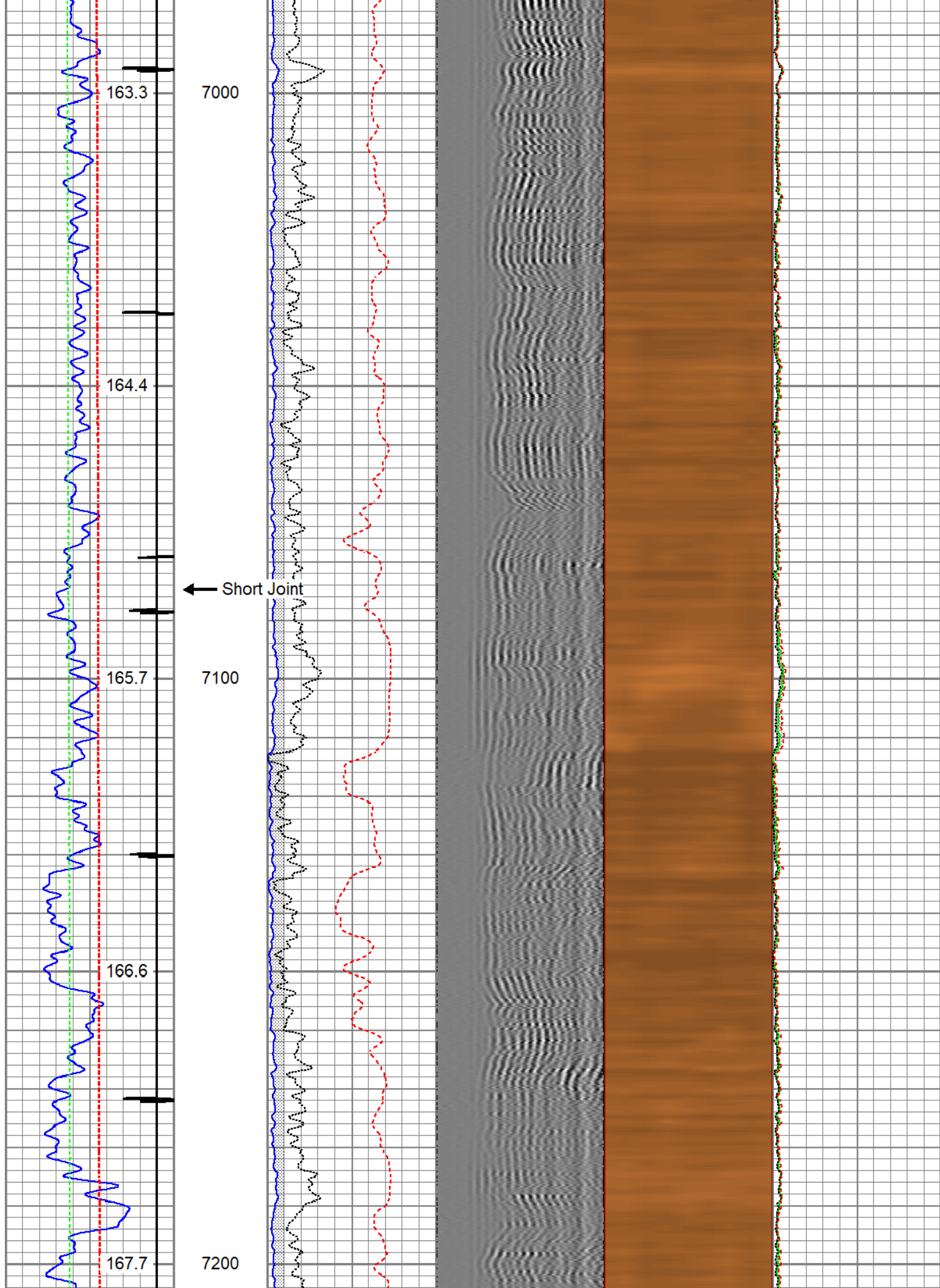


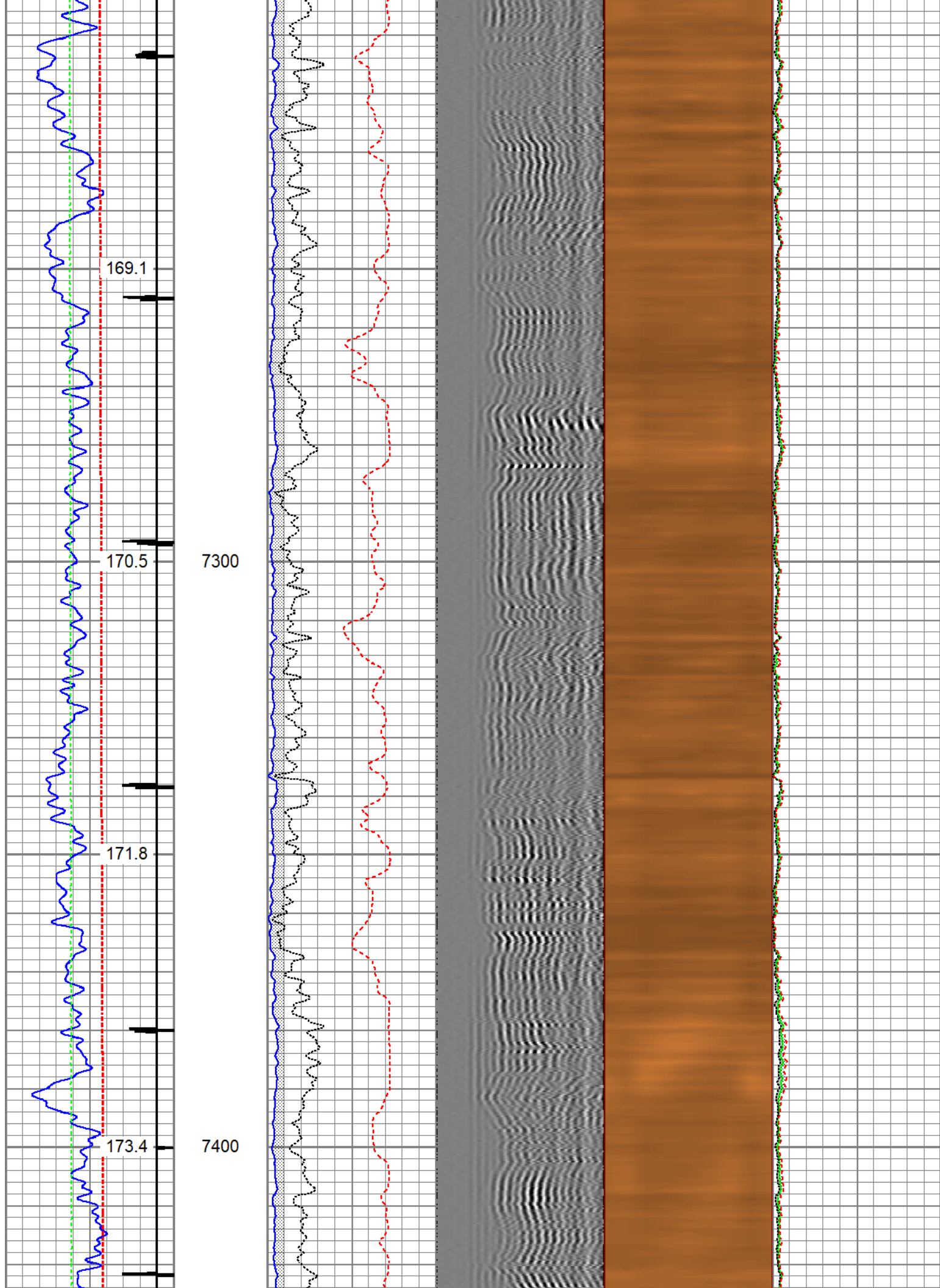


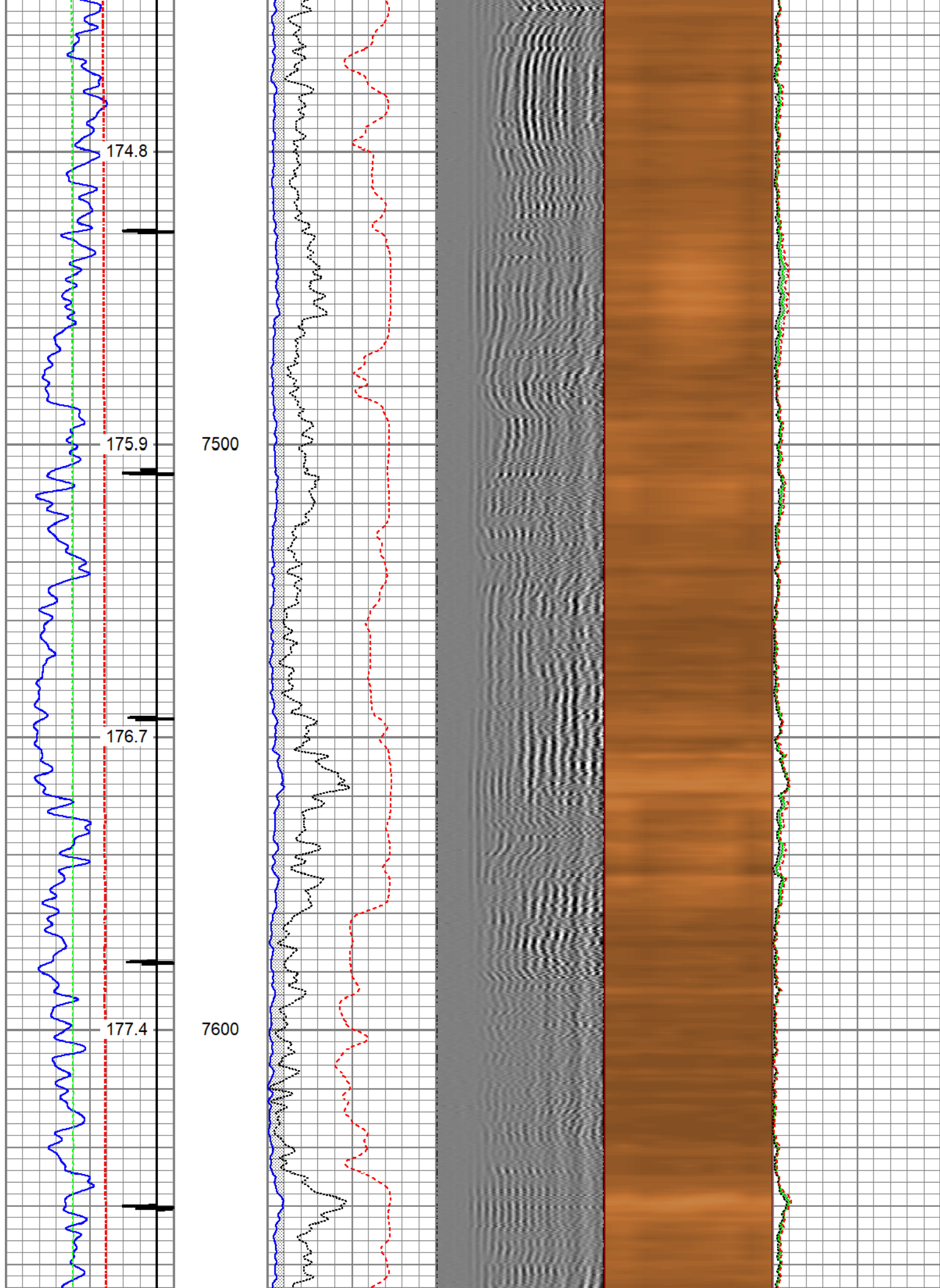


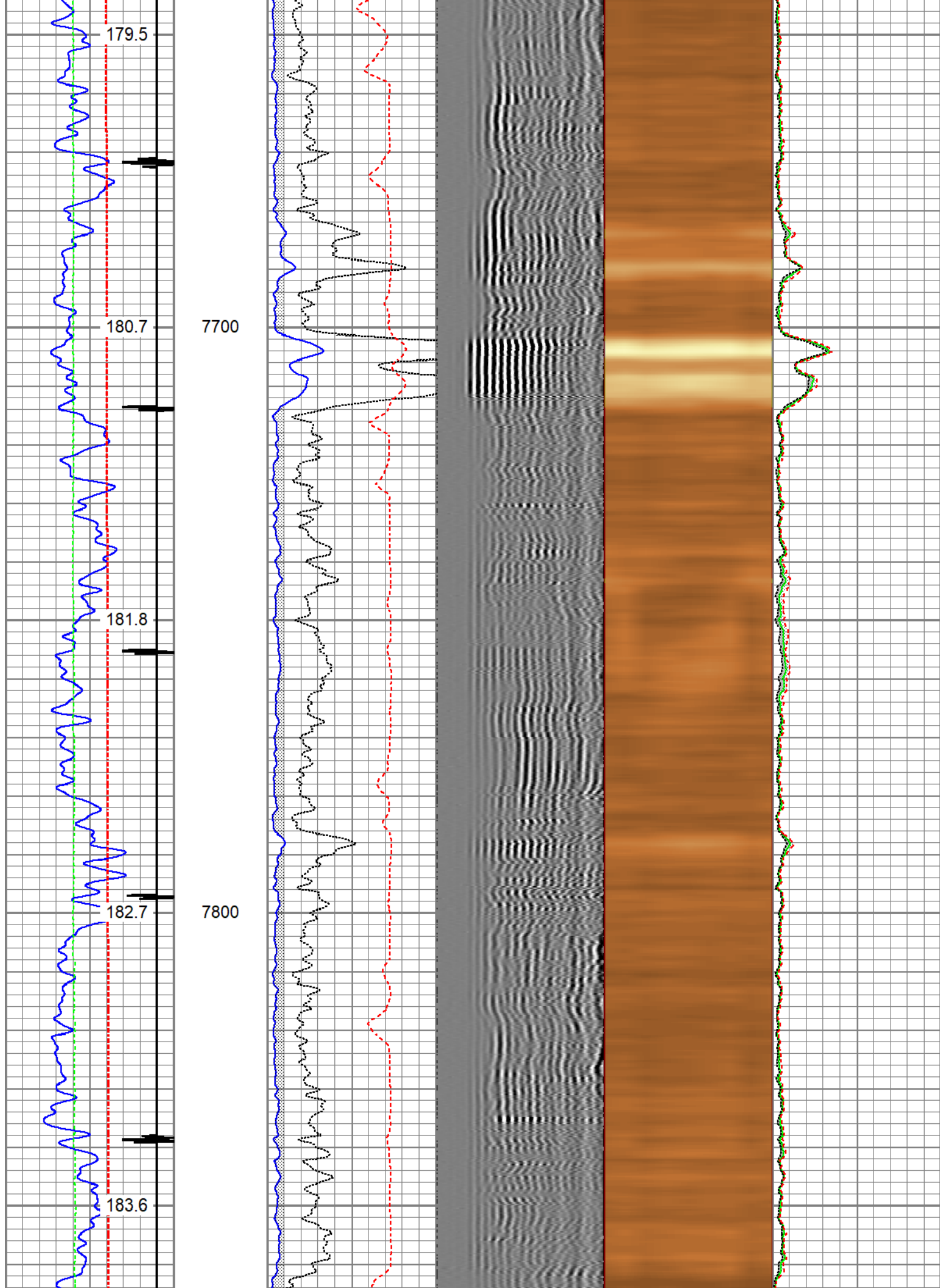


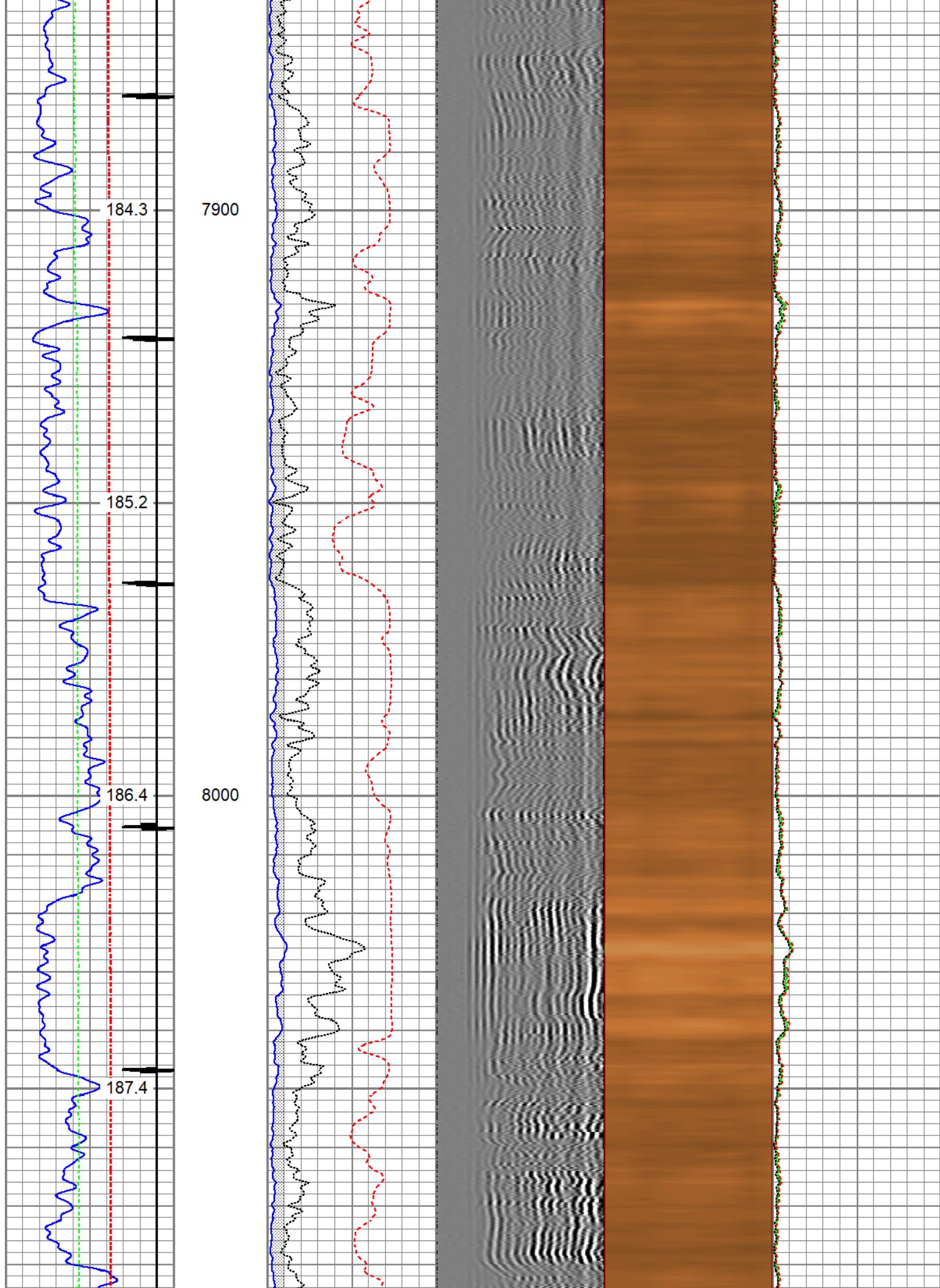


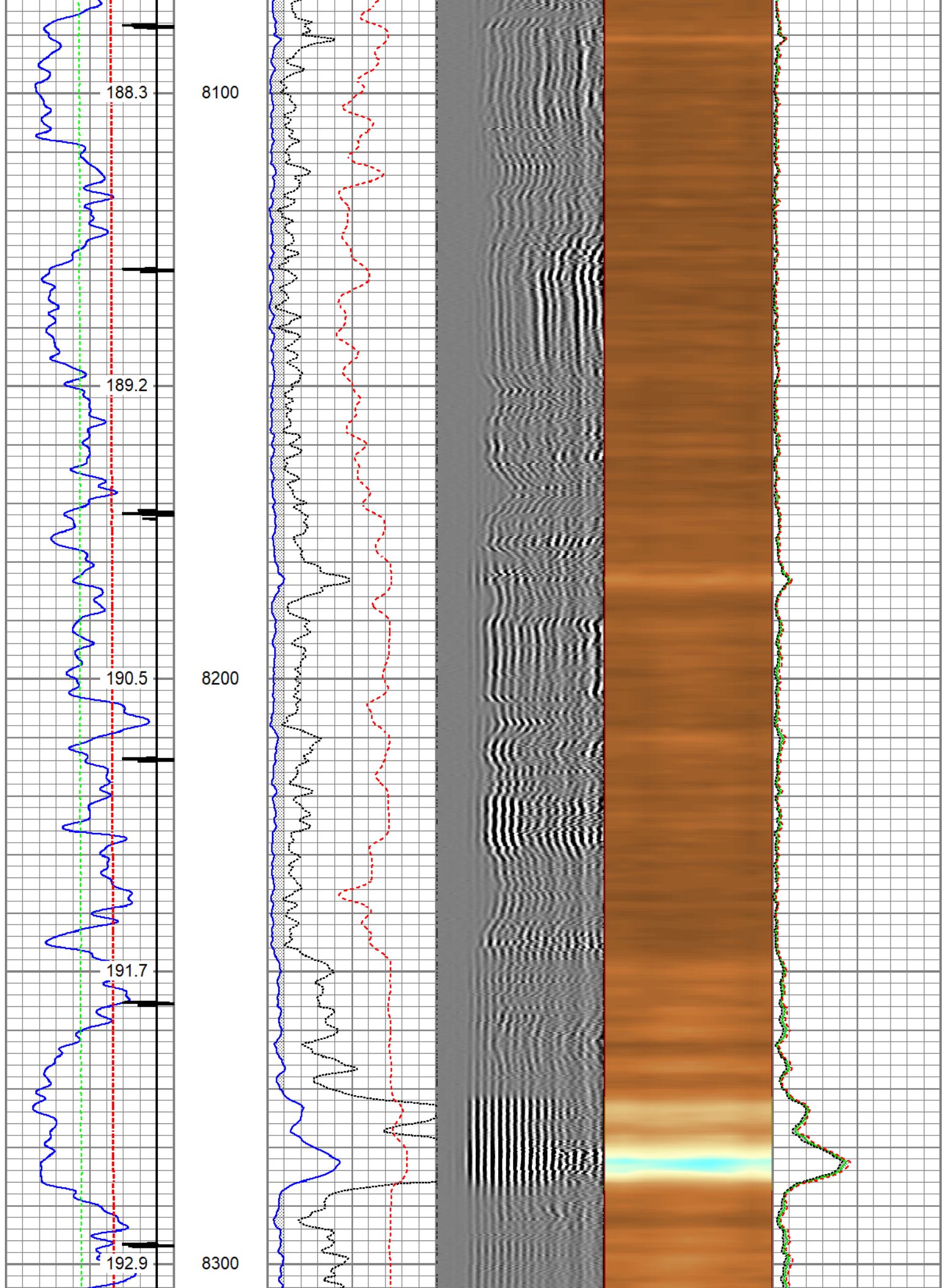


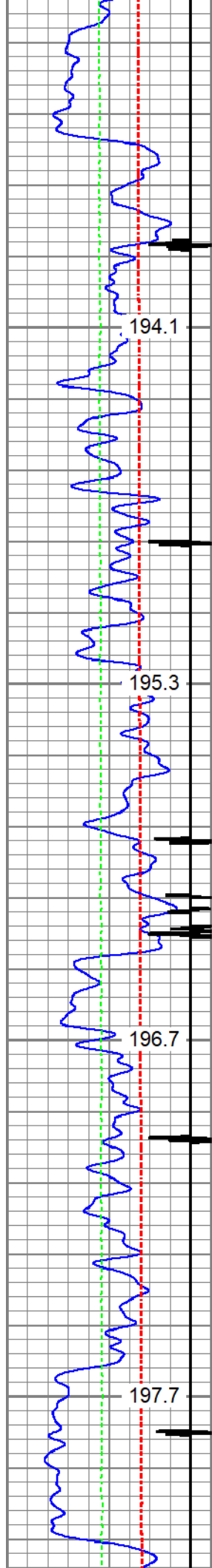






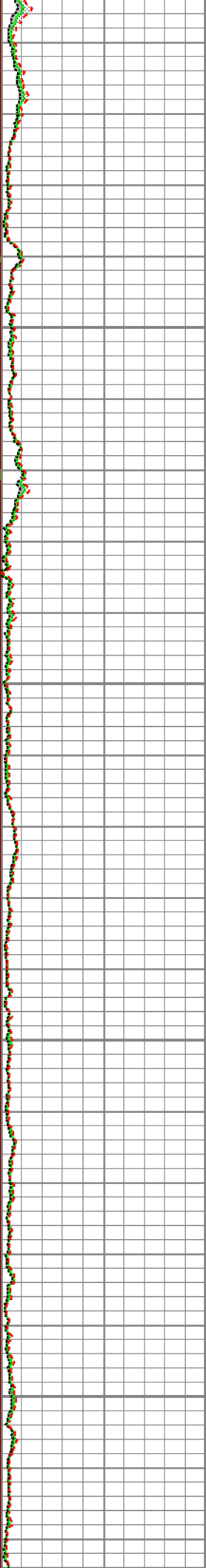
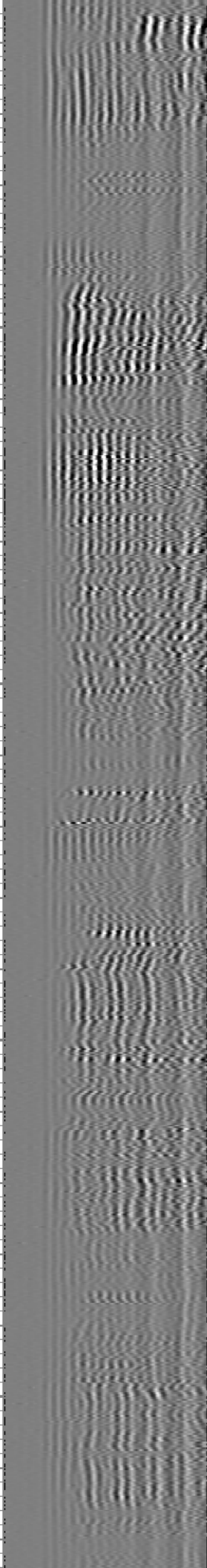
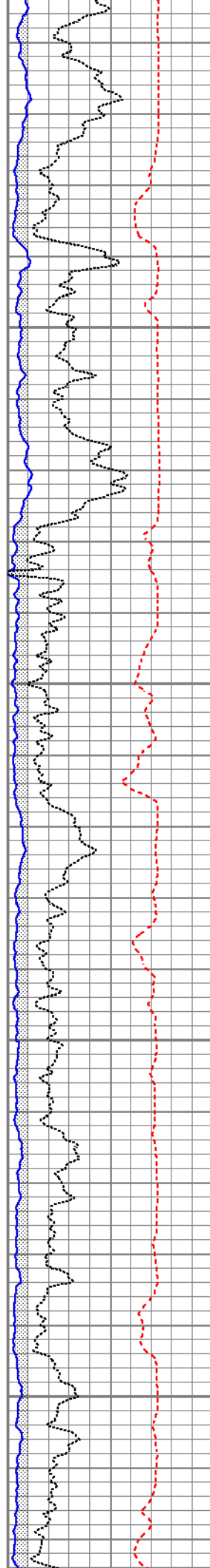


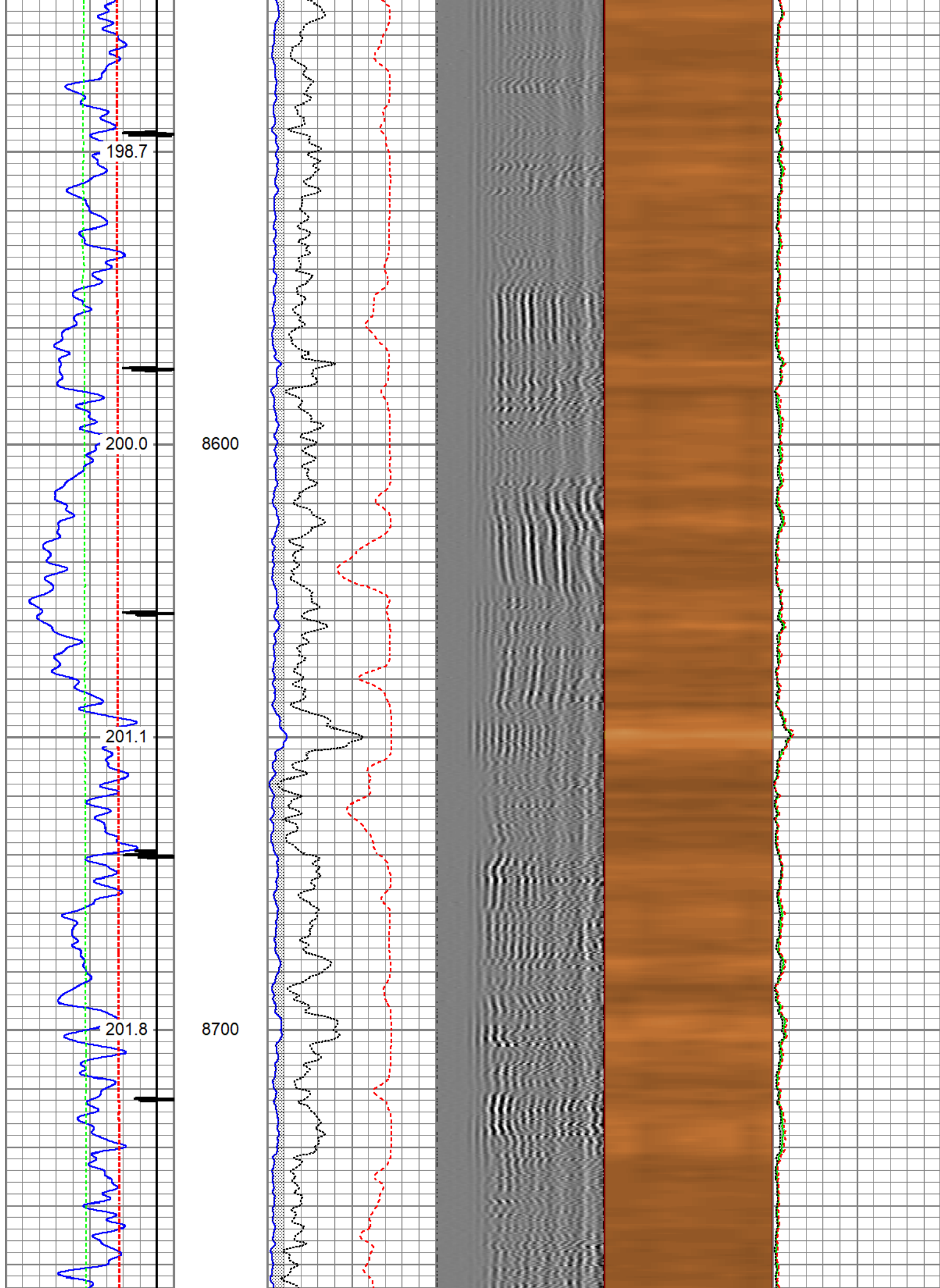


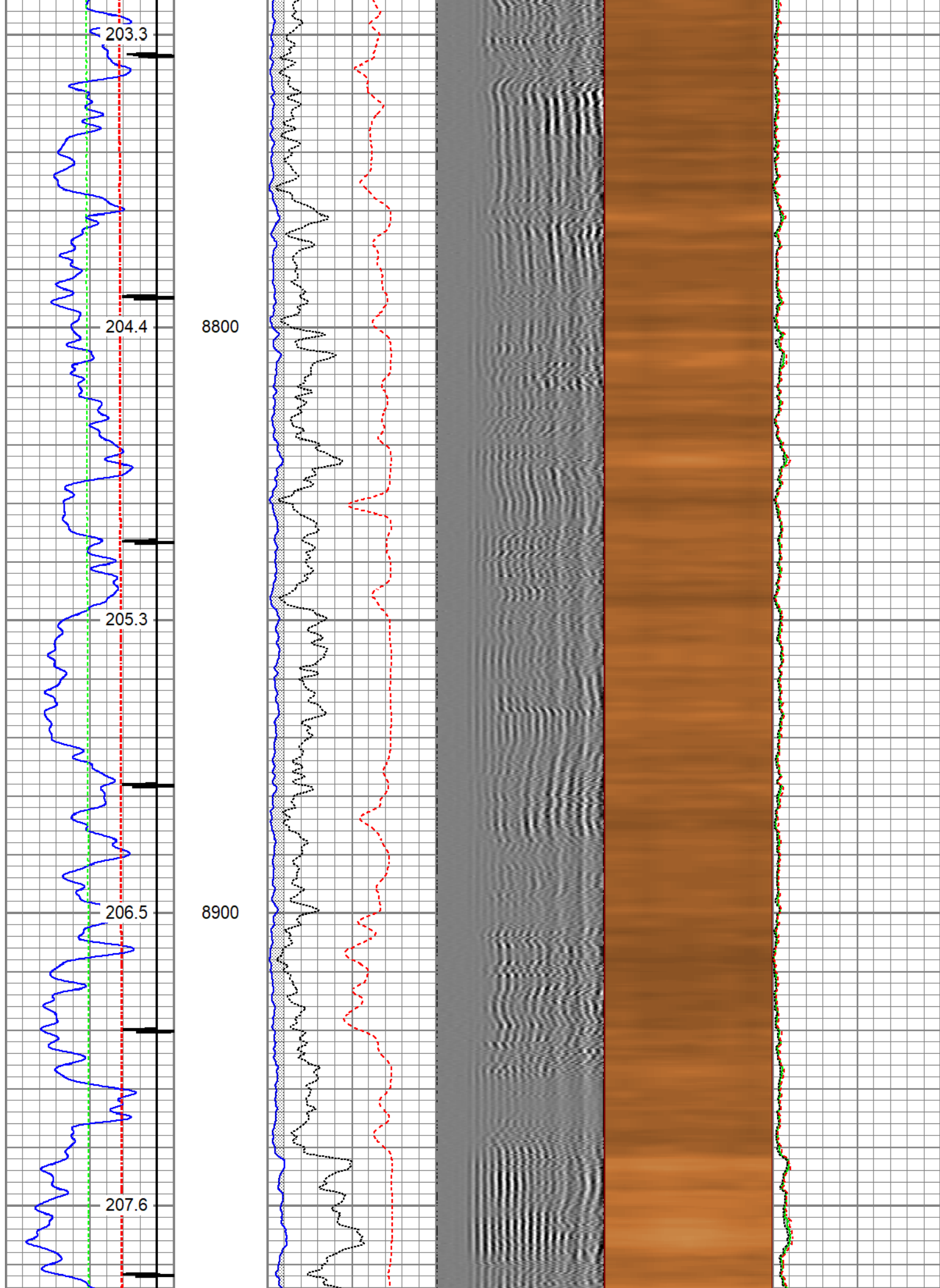


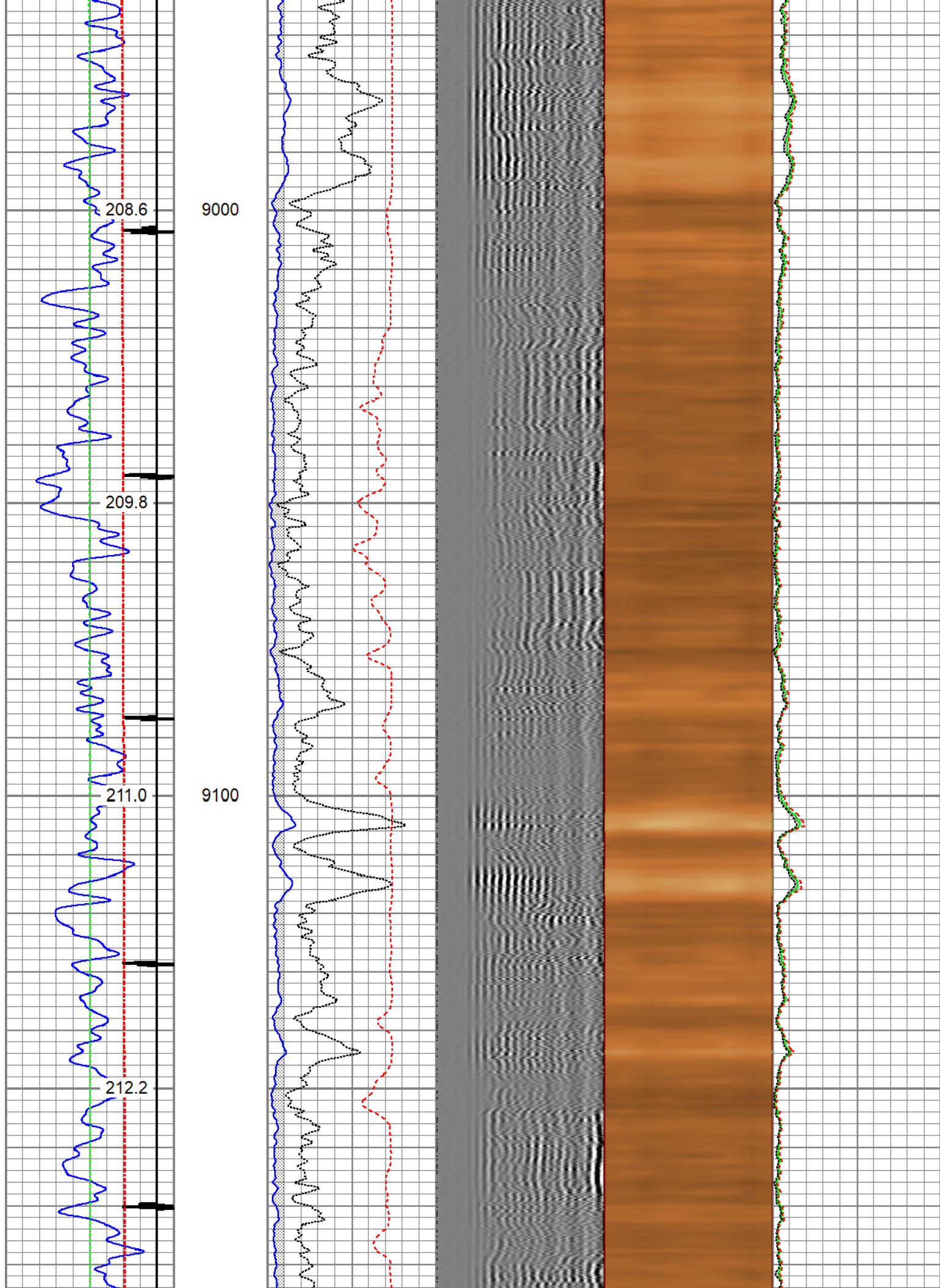
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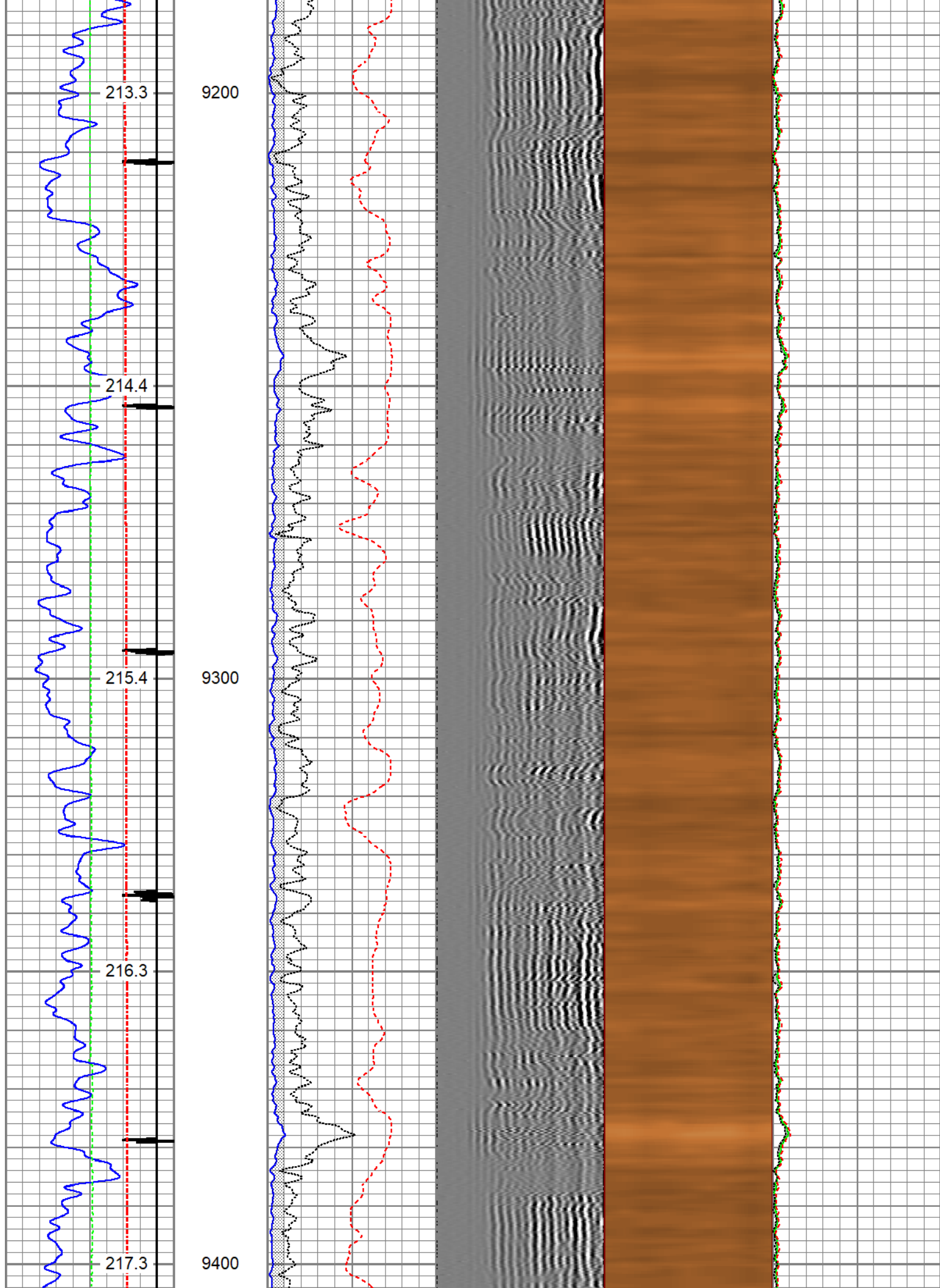
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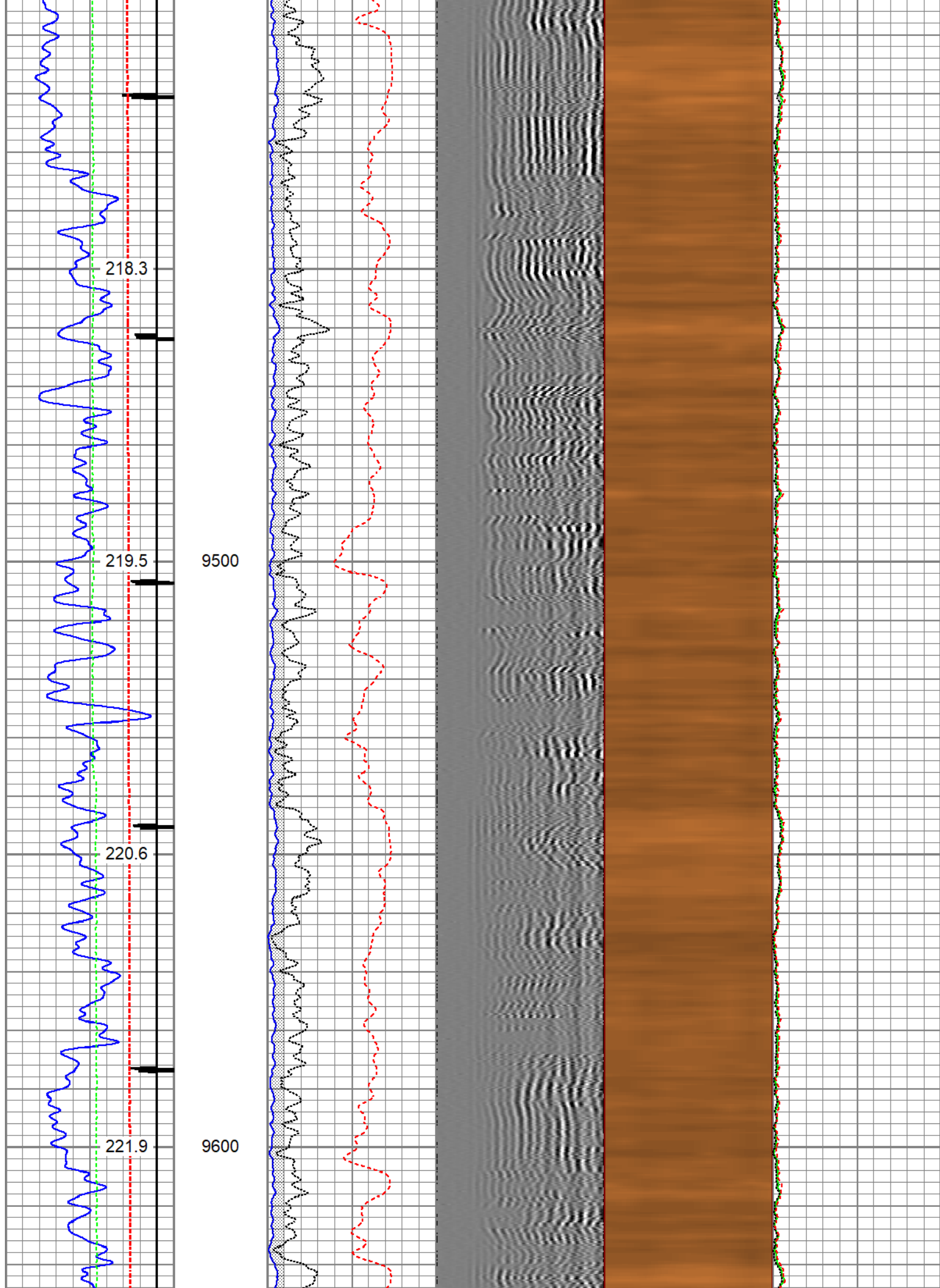


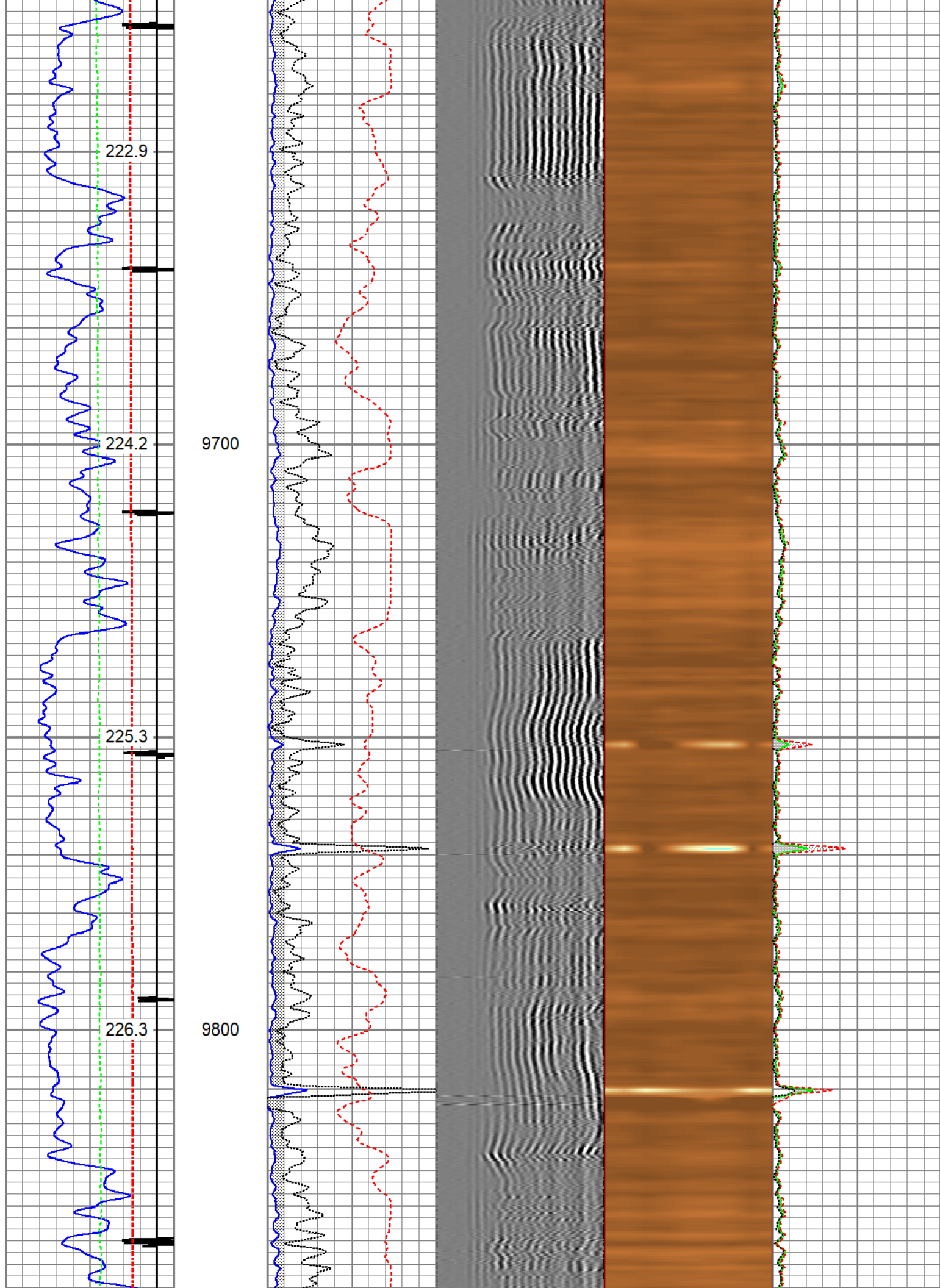


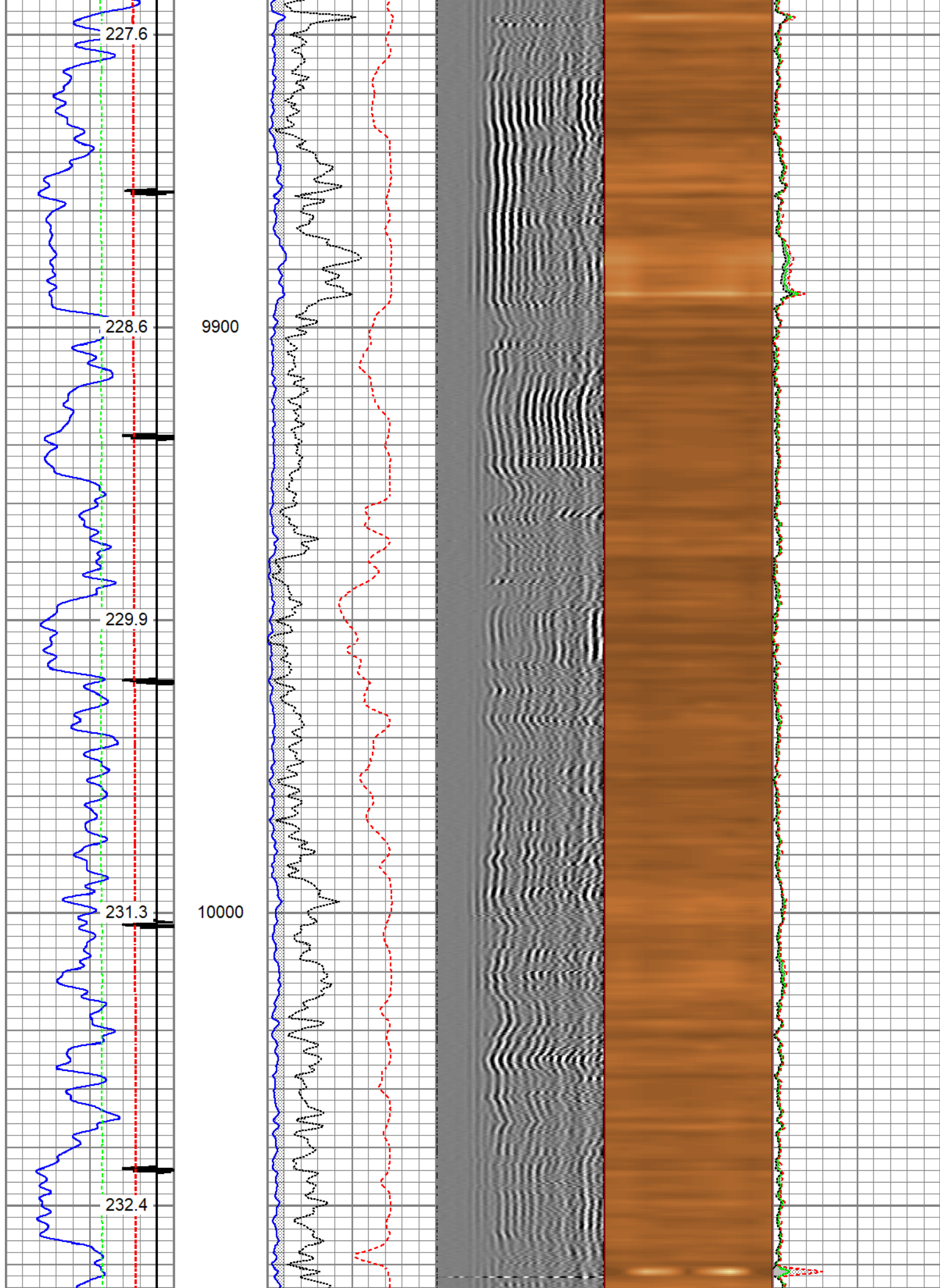


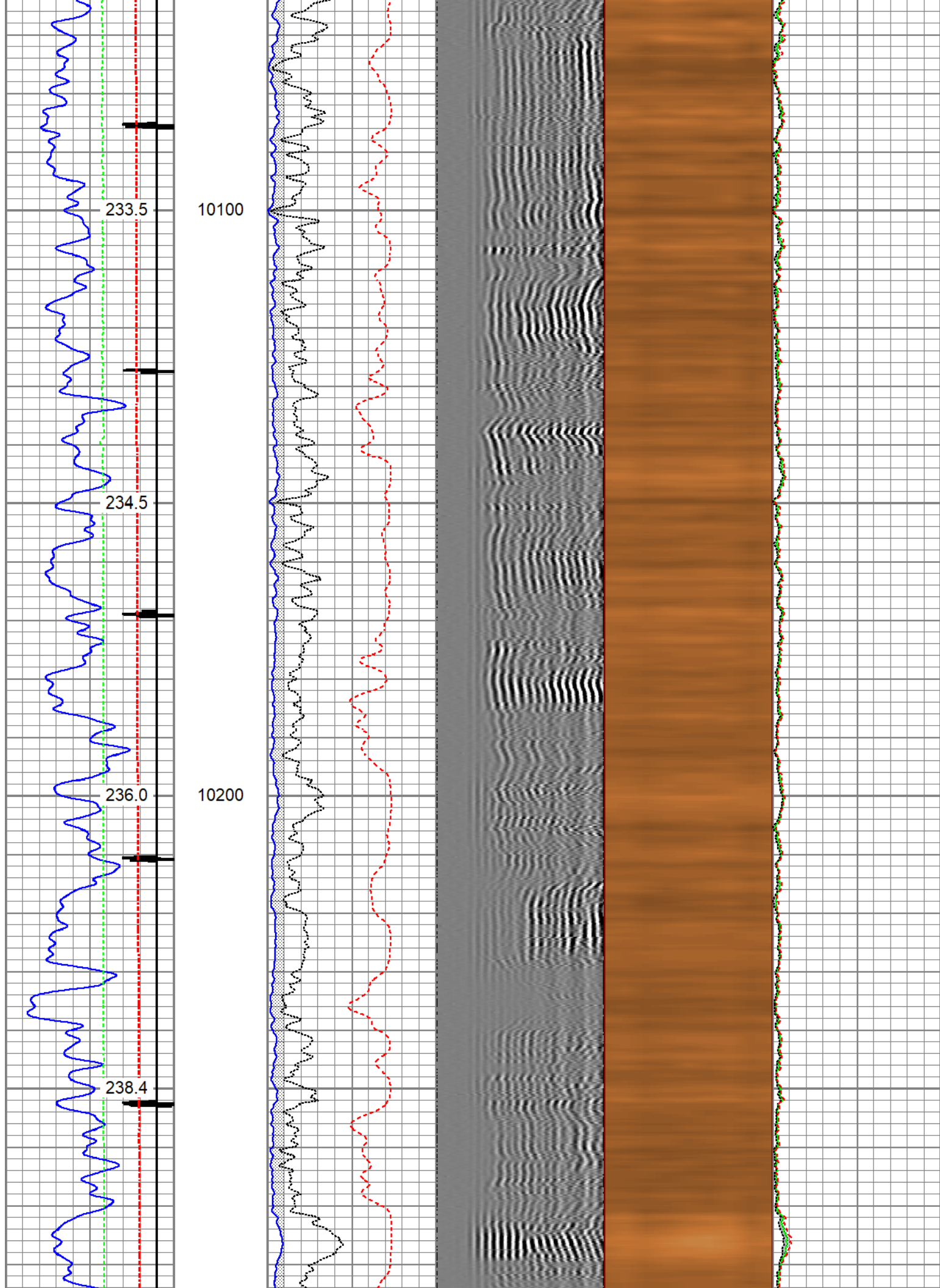


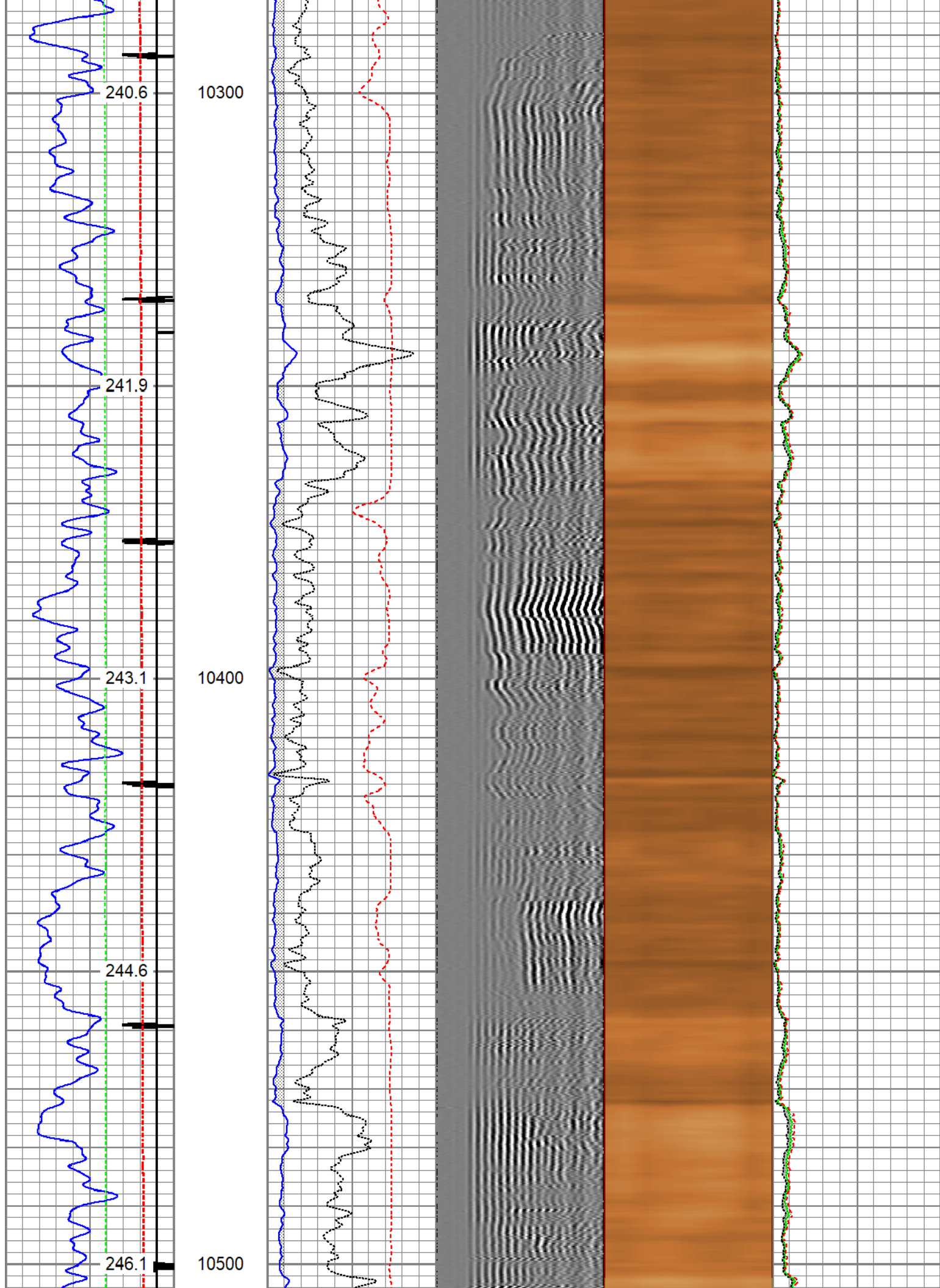


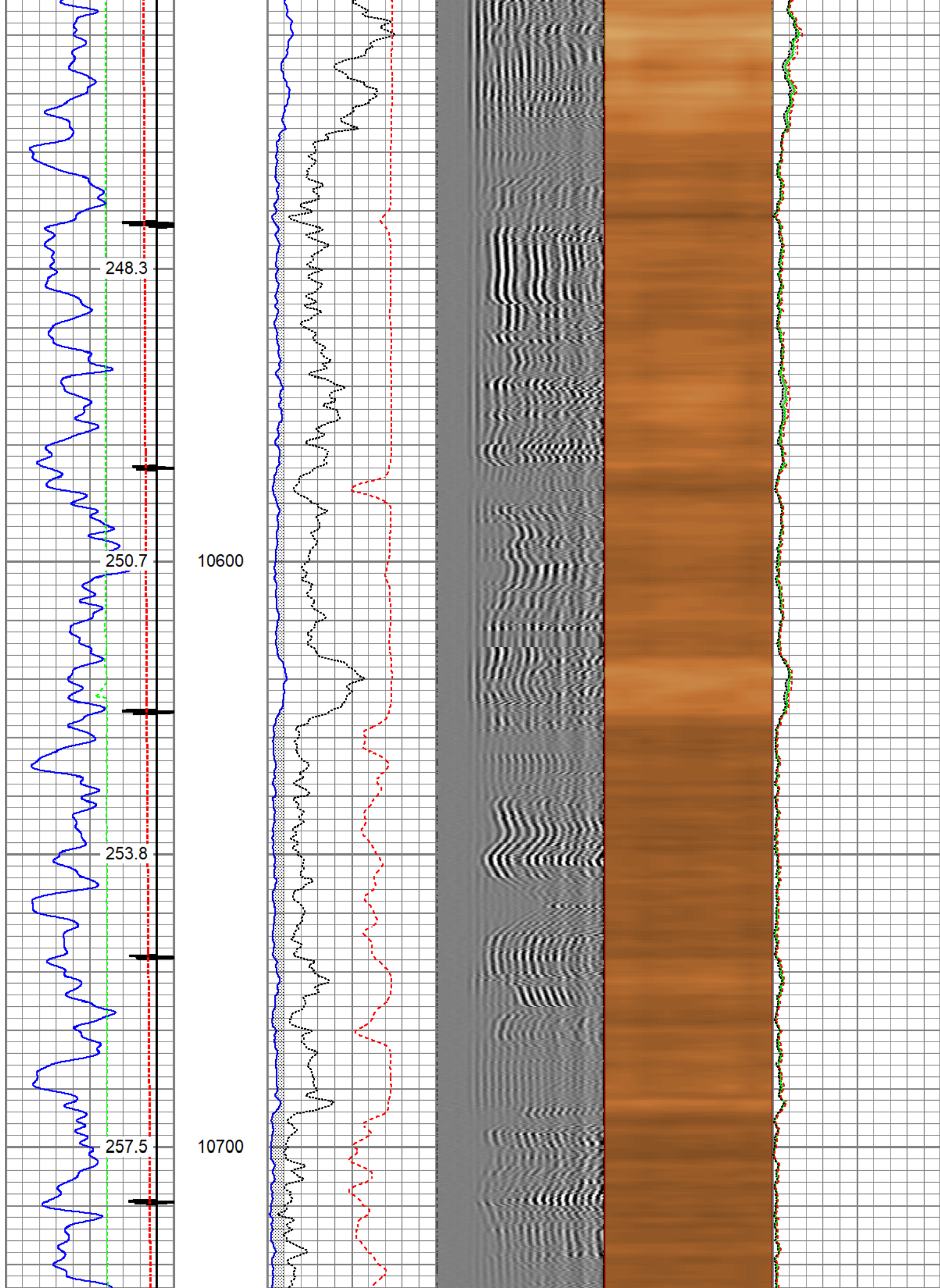


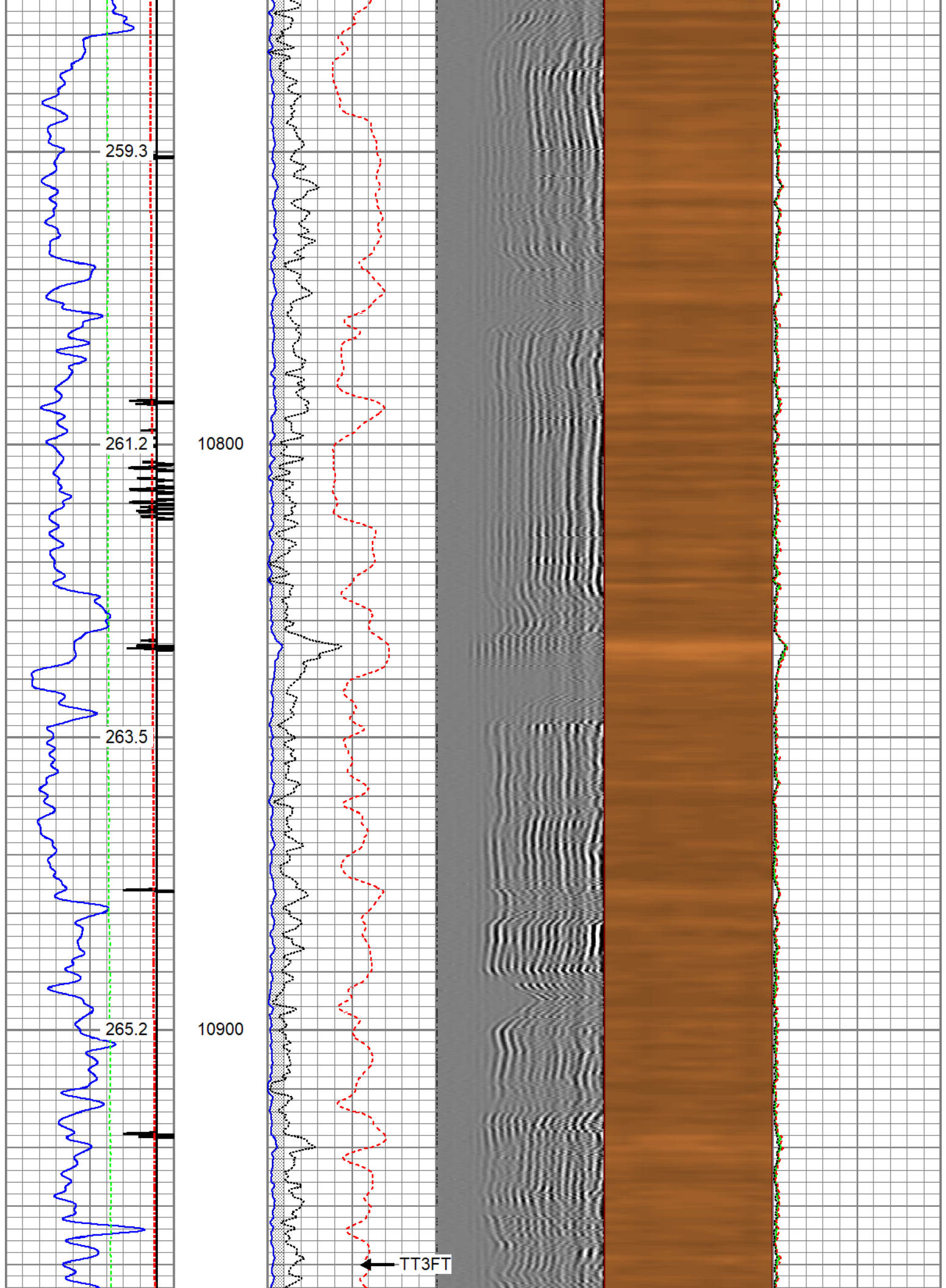


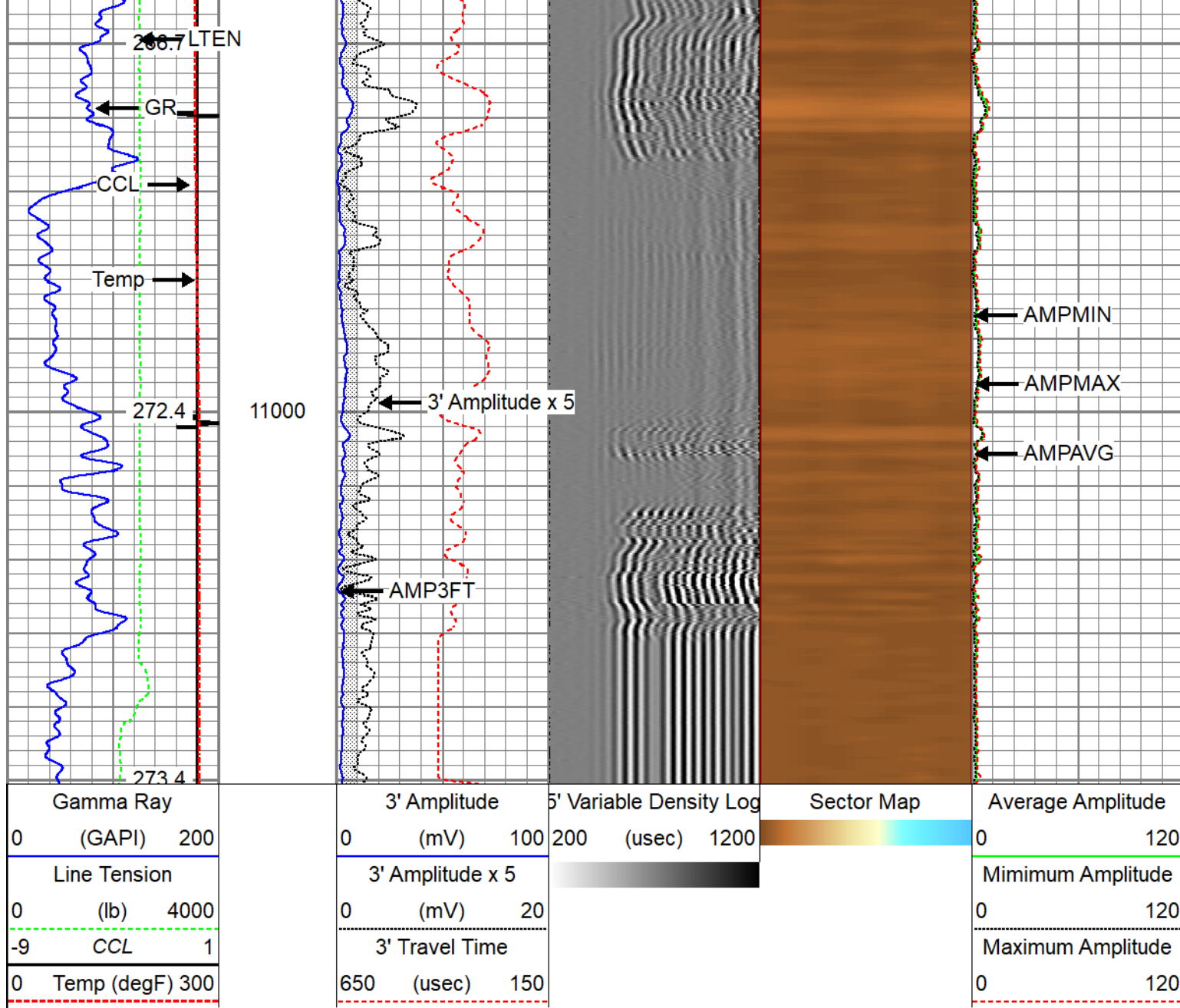









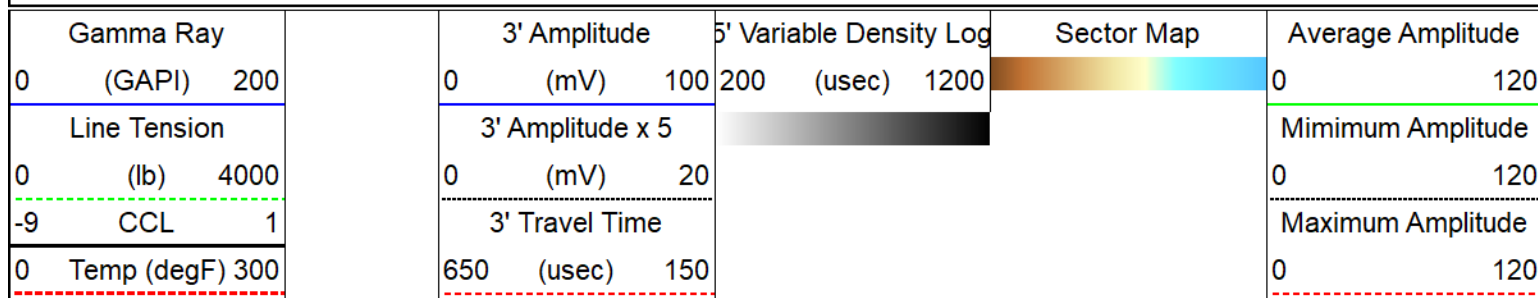


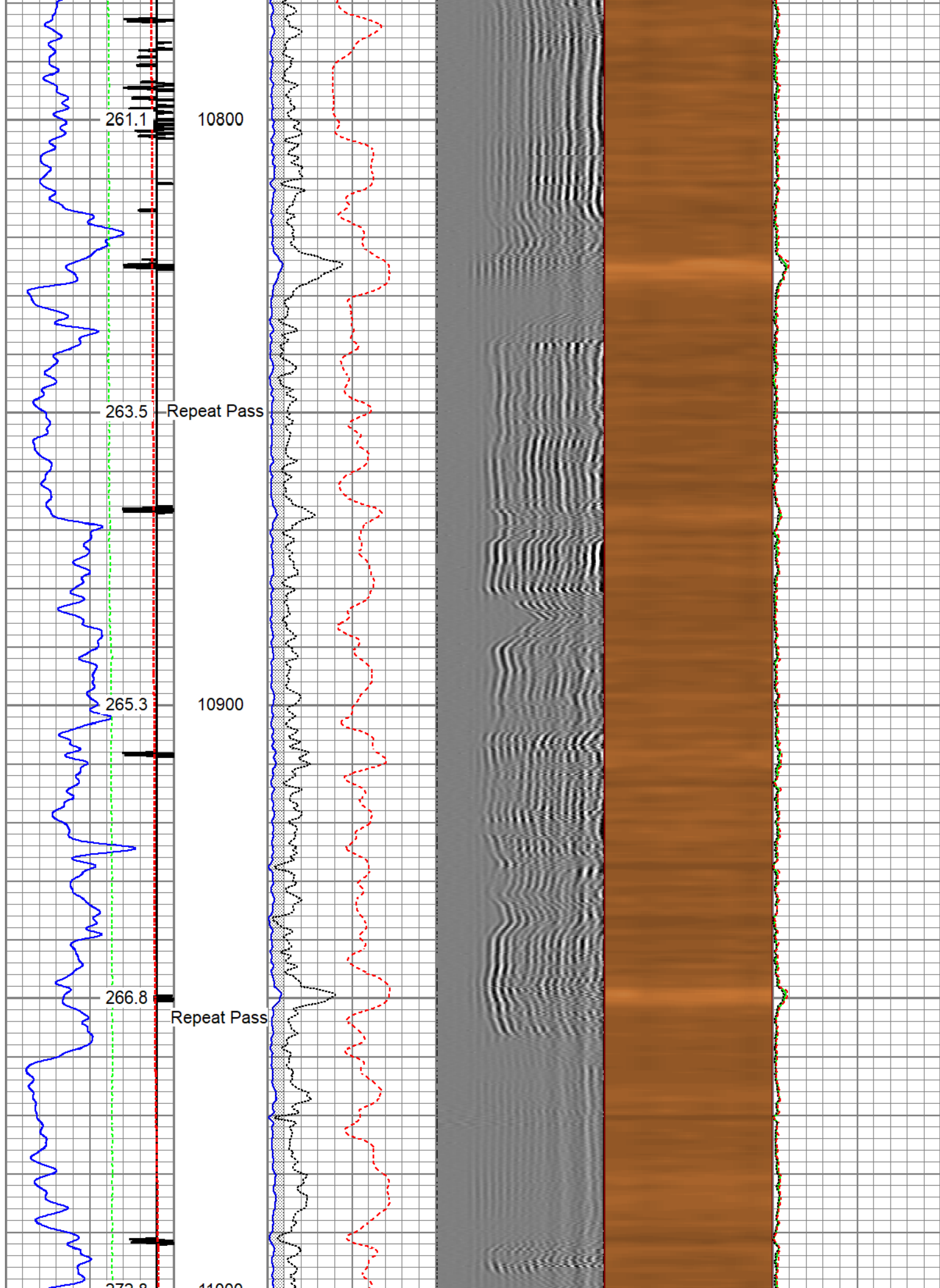


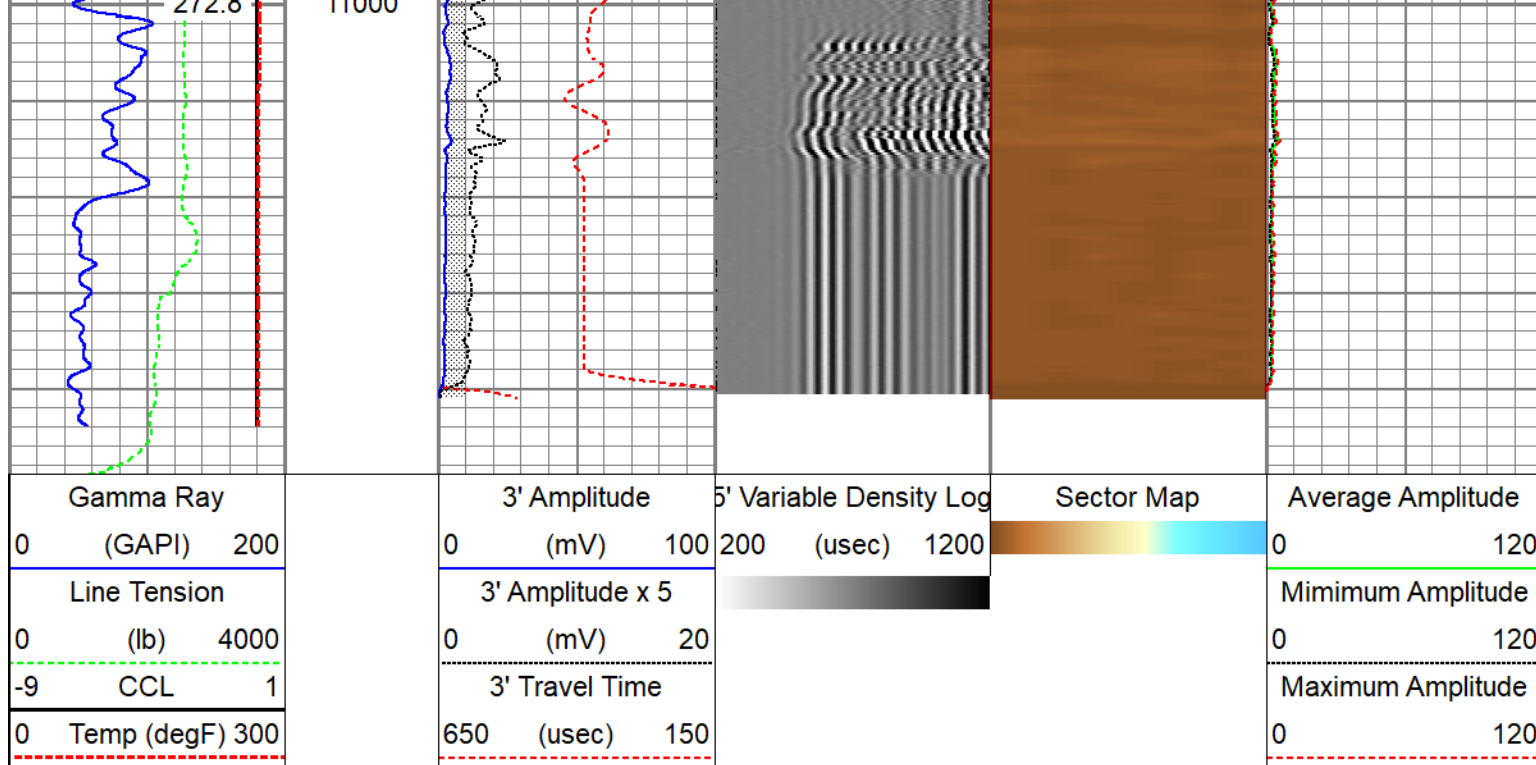


Repeat Pass 5" = 100'

Database File	tep_wmc_44-24-794_rcbl_03-01-2023\tep_wmc 44-24-794_rcbl_3-1-2023.db
Dataset Pathname	rih1
Presentation Format	twgrcbl
Dataset Creation	Wed Mar 01 13:23:26 2023
Charted by	Depth in Feet scaled 1:240







Calibration Report					
Database File	C:\ProgramData\Warrior\Data\tep_wmc_44-24-794_rcbl_03-01-2023\tep_wmc 44-24-794_rcbl_3-1-20				
Dataset Pathname	main_pass				
Dataset Creation	Wed Mar 01 13:29:45 2023				
Gamma Ray Calibration Report					
Serial Number:	110254				
Tool Model:	GCTacc_6-Pin-Base				
Performed:	Tue Nov 22 15:18:05 2022				
Calibrator Value:	168.0	GAPI			
Background Reading:	51.1	cps			
Calibrator Reading:	276.7	cps			
Sensitivity:	0.7447	GAPI/cps			
Inclinometer Calibration Report					
Performed:	(Not Performed)				
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	0.00	1.00	0.00	1.00	gee
Y Accelerometer	0.00	1.00	0.00	1.00	gee
Z Accelerometer	0.00	1.00	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 Casing Diameter: 4.500 in
Calibration Depth: 1499.358 ft

Master Calibration, performed Wed Mar 1 07:28:03 2023:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.004	0.512	0.800	81.196	158.360	0.156
CAL	0.004	0.803				
5'	0.004	0.367	0.800	81.196	221.894	-0.181
SUM						
S1	0.004	0.522	0.000	100.000	192.930	-0.725
S2	0.004	0.513	0.000	100.000	196.277	-0.743
S3	0.004	0.547	0.000	100.000	184.367	-0.808
S4	0.004	0.539	0.000	100.000	187.036	-0.760
S5	0.004	0.521	0.000	100.000	193.596	-0.827
S6	0.004	0.500	0.000	100.000	201.377	-0.762
S7	0.003	0.498	0.000	100.000	202.417	-0.704
S8	0.005	0.537	0.000	100.000	187.907	-0.924

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.004	0.803	1.000	0.000

Air Zero Calibration, performed Wed Mar 1 07:07:43 2023:

	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	14.00		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
mSec_Count	14.00					
RBT_Status	14.00					
Error_Ct	14.00					
WVFS8	9.50		RBT8acc-Probe275acc (FW1311-19) 2.75" Radial Corrosion with accelerometer	8.75	2.75	110.00
WVFS7	9.50					
WVFS6	9.50					
WVFS5	9.50					
WVFS4	9.50					
WVFS3	9.50					
WVFS2	9.50					
WVFS1	9.50					
WVF3FT	9.50					
WVF5FT	8.50					
GCT_HV	5.63		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	5.25					
RBT_ACCY	5.25					
RBT_ACCX	5.25					
WVFSYNC	5.25					
WVFCAL	5.25					
CCL\$2	4.64					
CCL\$1	4.64					
GCT_TEMP	3.76					
GR	2.96					
			GCacc-GCTacc_6-Pin-Base (110254) Probe 2.75" Gamma Ray - CCL w/ Temp and 6 Pin Bottom	5.00	2.75	
GCT_IntTemp	1.92					
GCT_ACCZ	0.25		GO BN-14375 GO 1-7/16" Bull Nose with Go Box Top	0.25	1.44	1.00
GCT_ACCY	0.25					
GCT_ACCX	0.25					

Dataset: tep_wmc 44-24-794_rcbl_3-1-2023.db: field/well/run1/main_pass
 Total length: 14.00 ft
 Total weight: 131.00 lb

O.D.: 3.25 in

Company TEP Rocky Mountain LLC
Well Federal WMC 44-24-794
Field Rulison
County Garfield

State Colorado



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