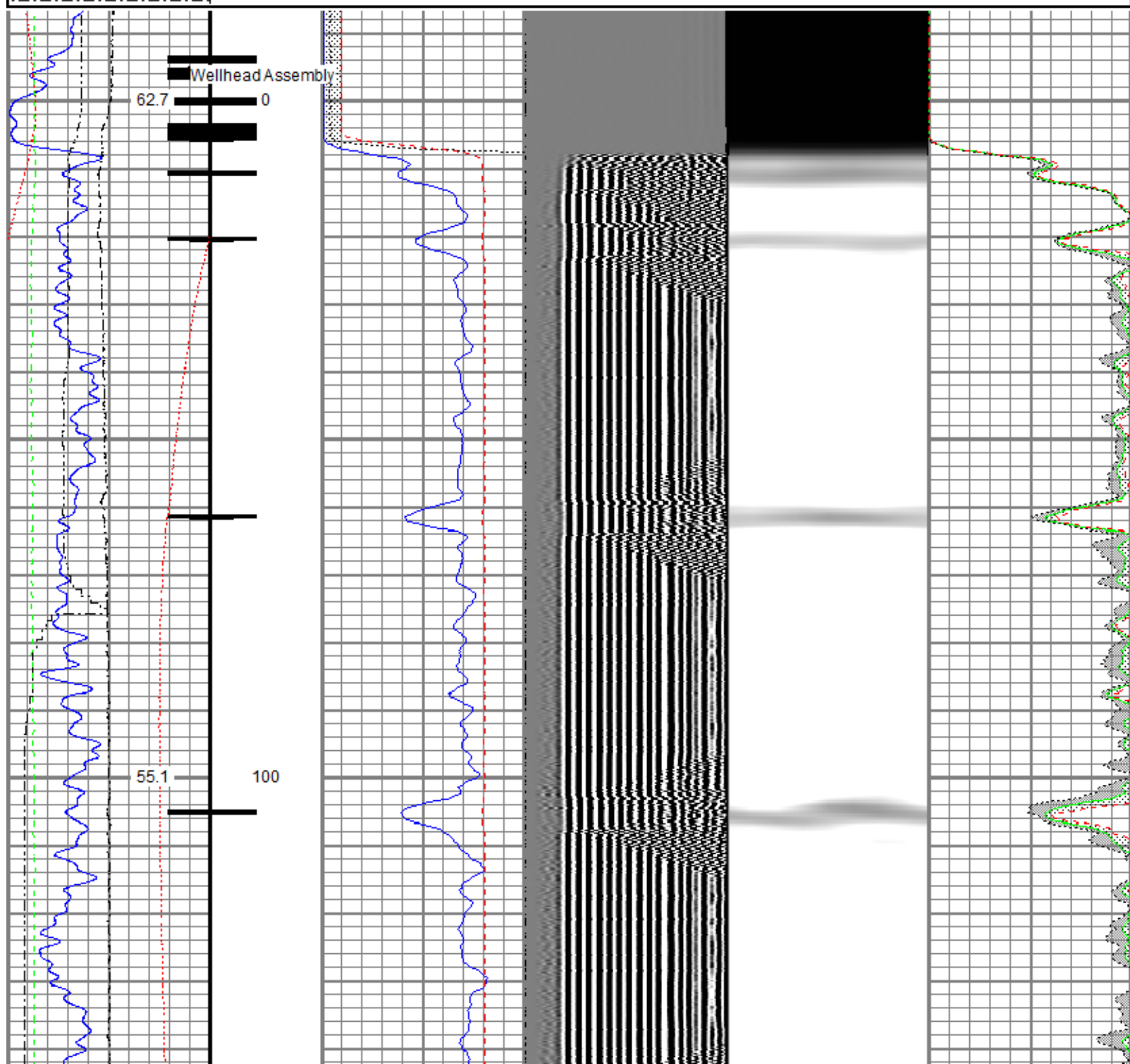
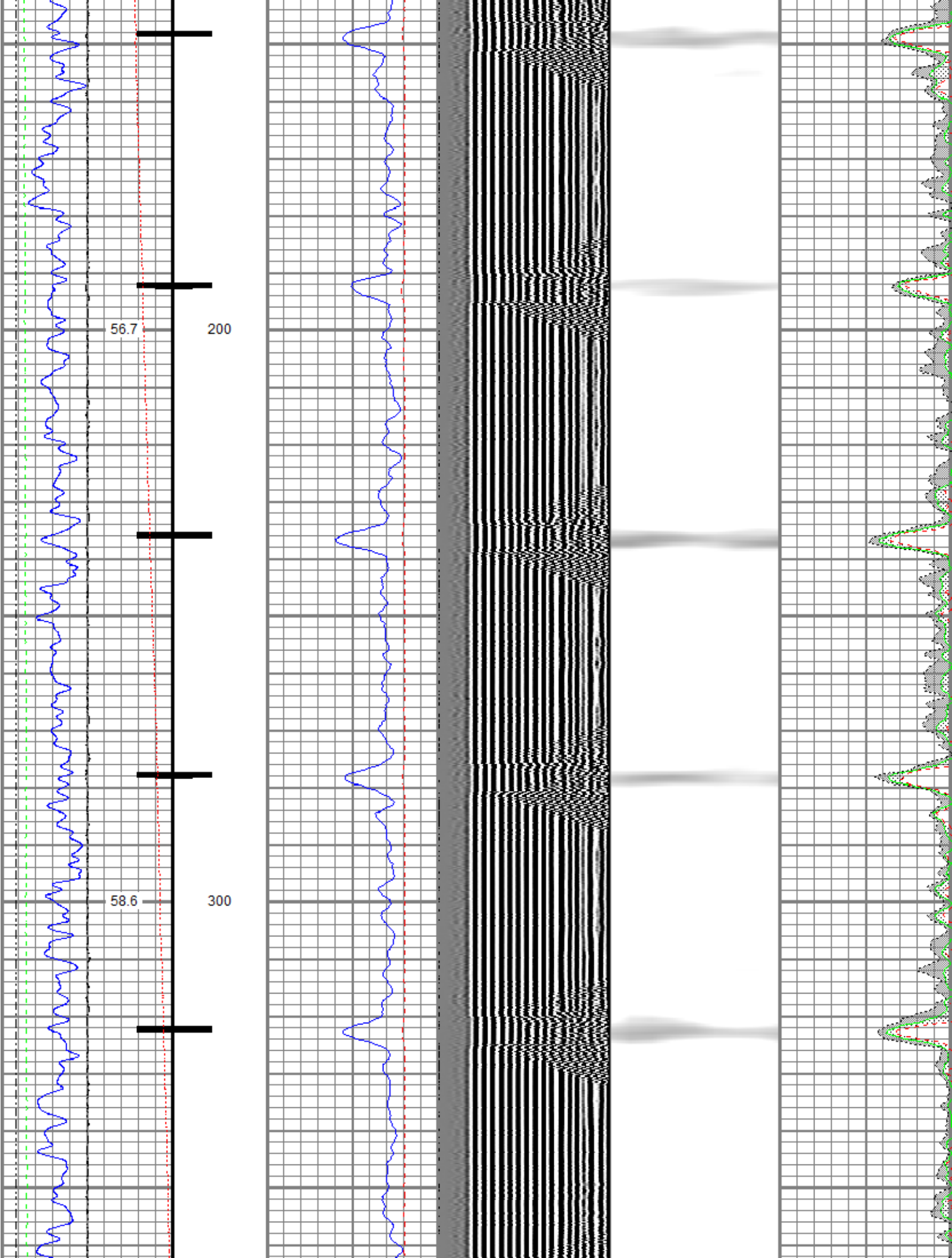


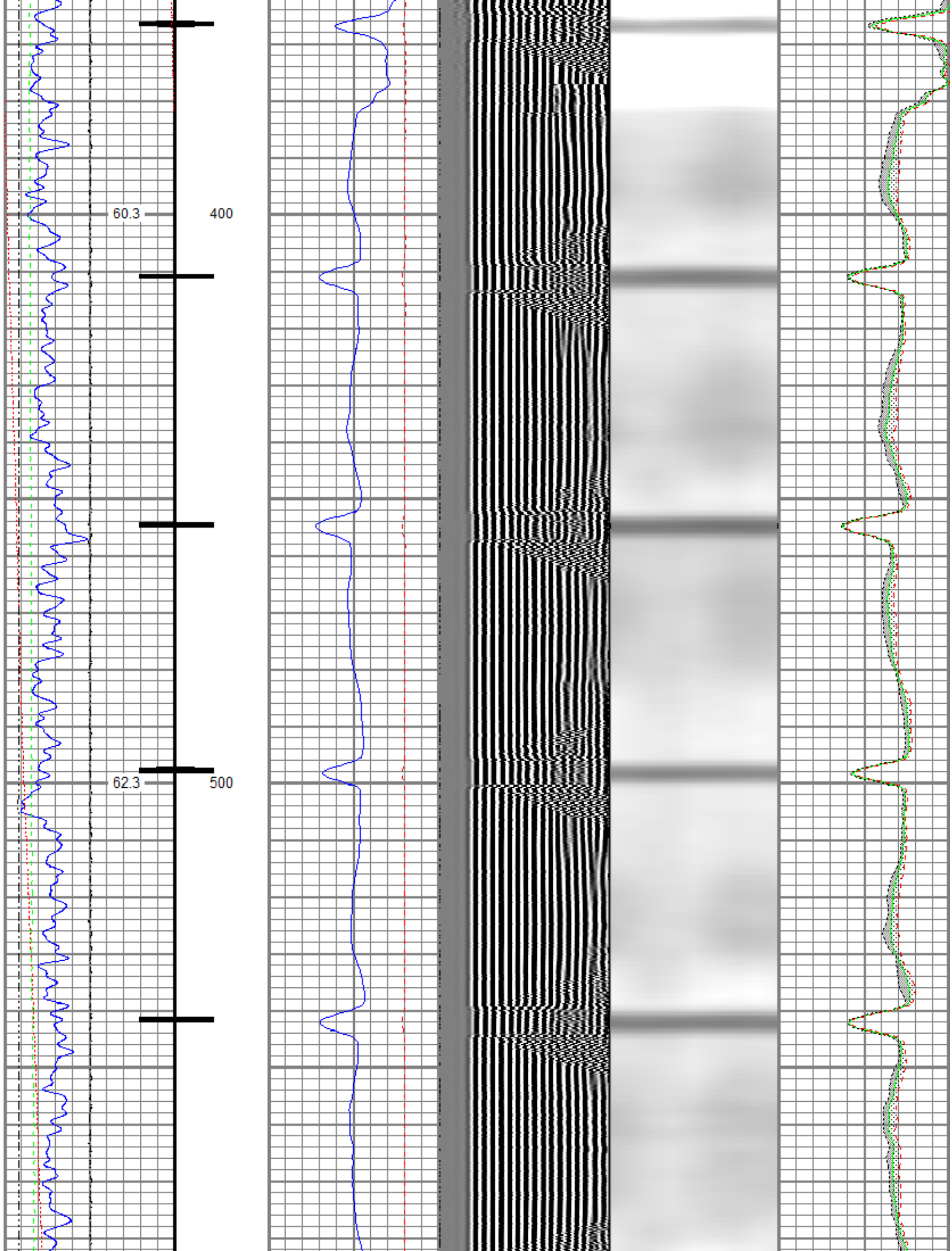
<<< Fold Here >>>
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible 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 Casing Tally reported Marker Joint at 7028 FT Adjusted -15 FT to correlate with Marker Joint Gauge Ring/Junk Basket ran to 8040 FT Retrievable Bridge Plug set at 7150 FT Log ran with 0 PSI Surface Induced Pressure Logging tools were clean and free of debris upon completion of operations Thank you for choosing Reliance Oilfield Services, LLC!!

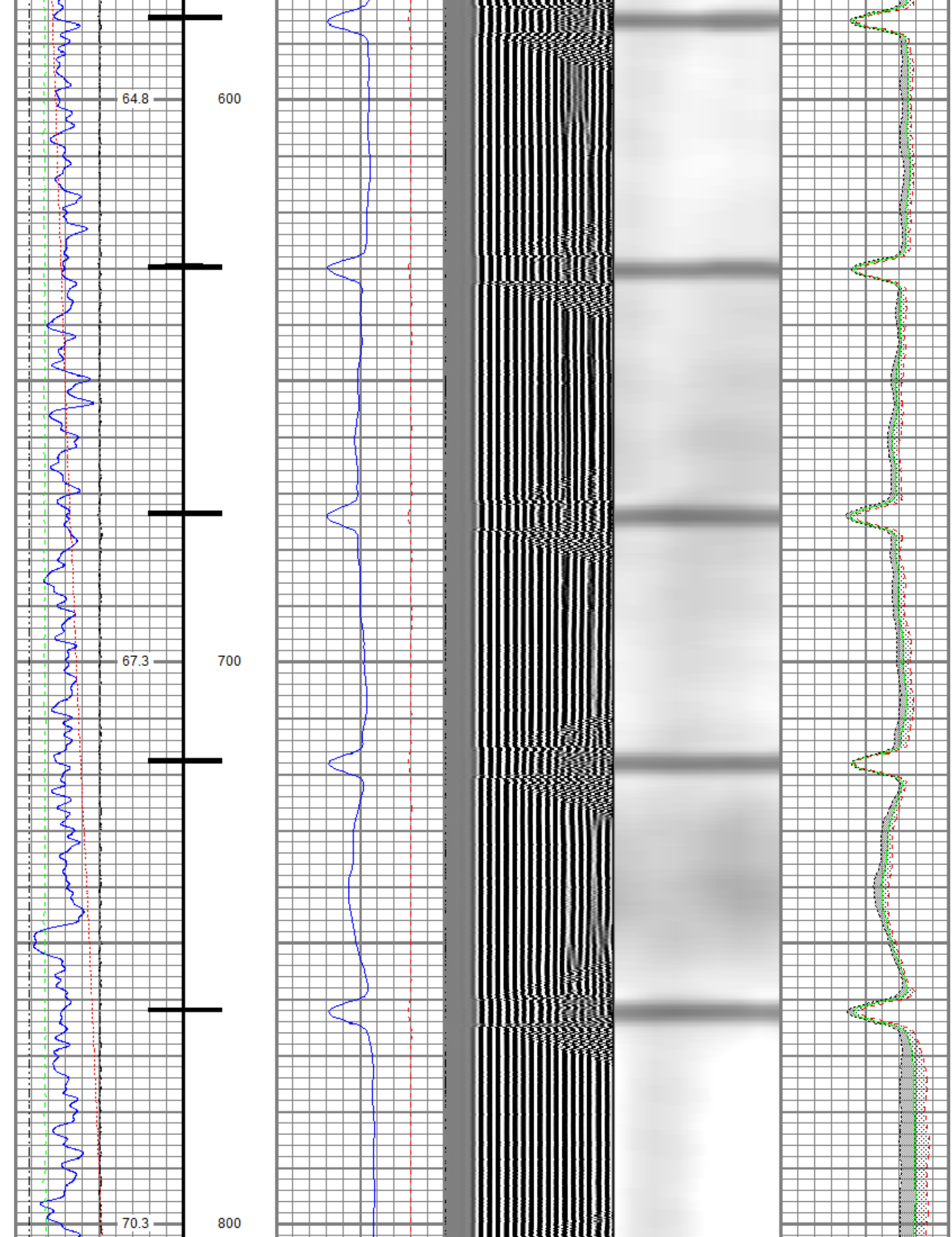
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Dataset Pathname	0PSI/Main.6
Presentation Format	ros_radri
Dataset Creation	Fri Aug 02 15:16:09 2019
Charted by	Depth in Feet scaled 1:240

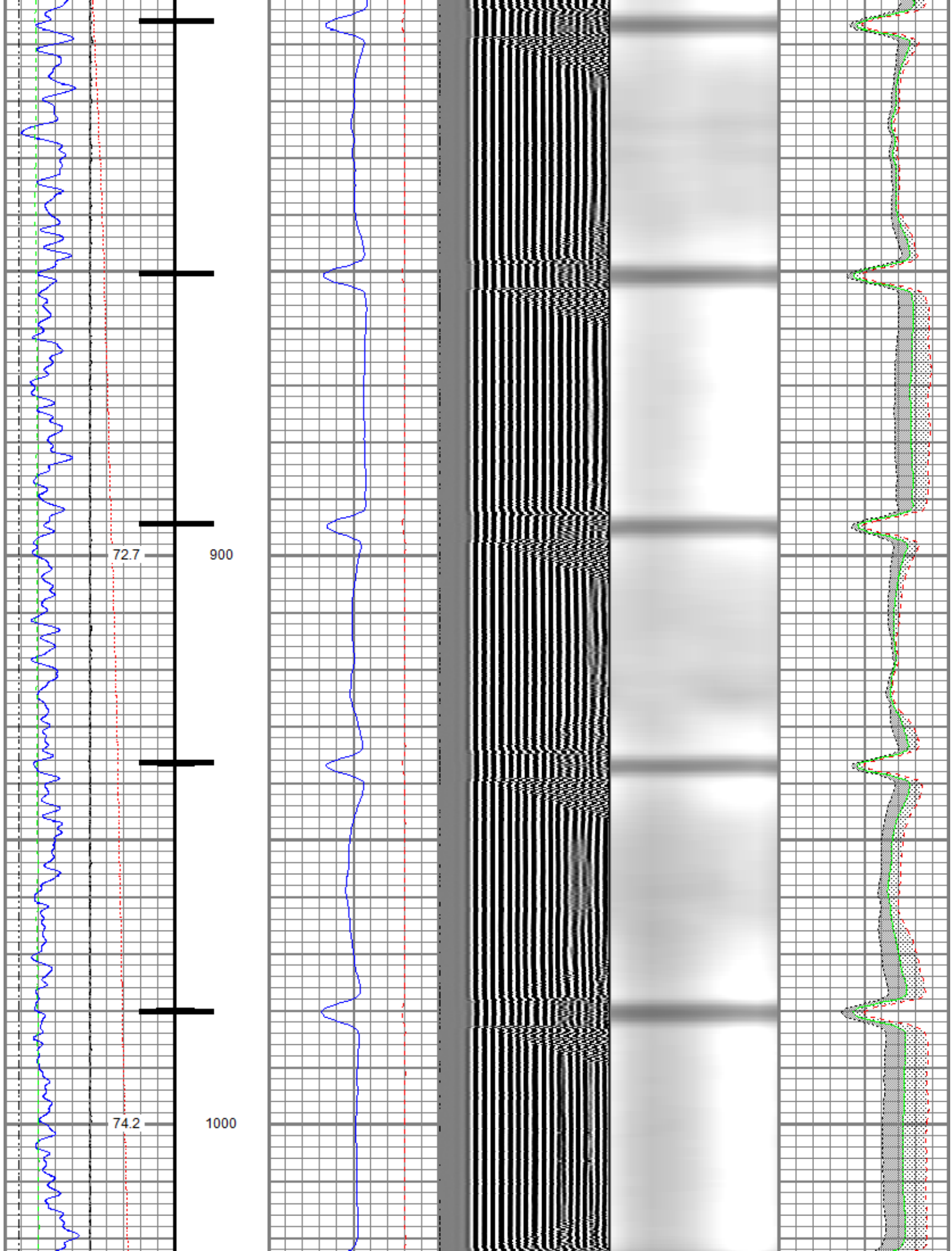
Gamma Ray	0	3' Amplitude (mV)	100	5' Variable Density Log	Sector Map	0	Average Amplitude	100
(GAPI)	120	3' Amplitude x 5	200	(usec)			Minimum Amplitude	
Casing Collar Locator		0	(mV)	20			0	100
0 Temperature (degF)	20	3' Travel Time					Maximum Amplitude	
Line Speed		650	(usec)	150			0	100
-150 (ft/min)	150							
0 Line Tension (lb)	2000							
Differential Temperature								
-2 (degF)	2							

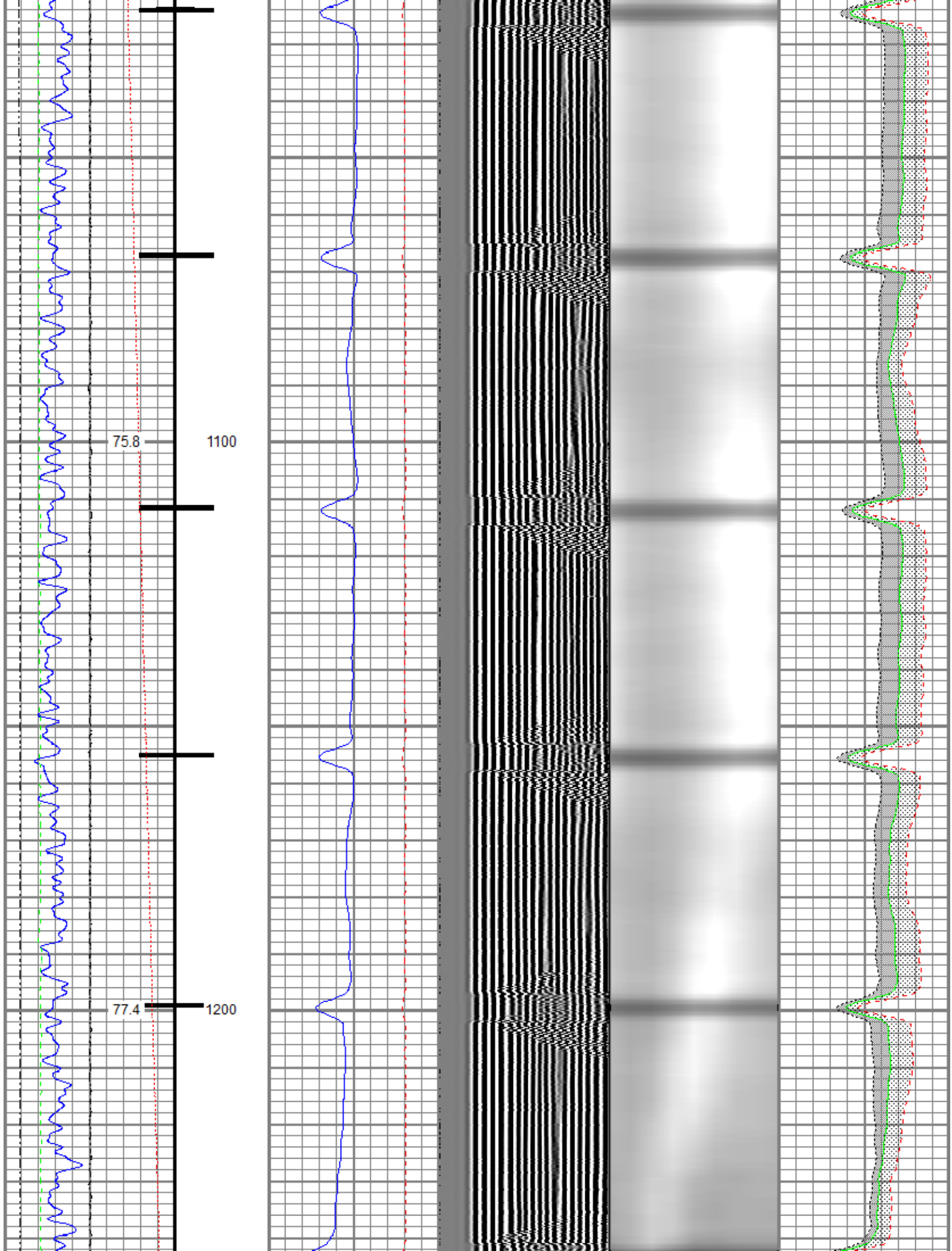


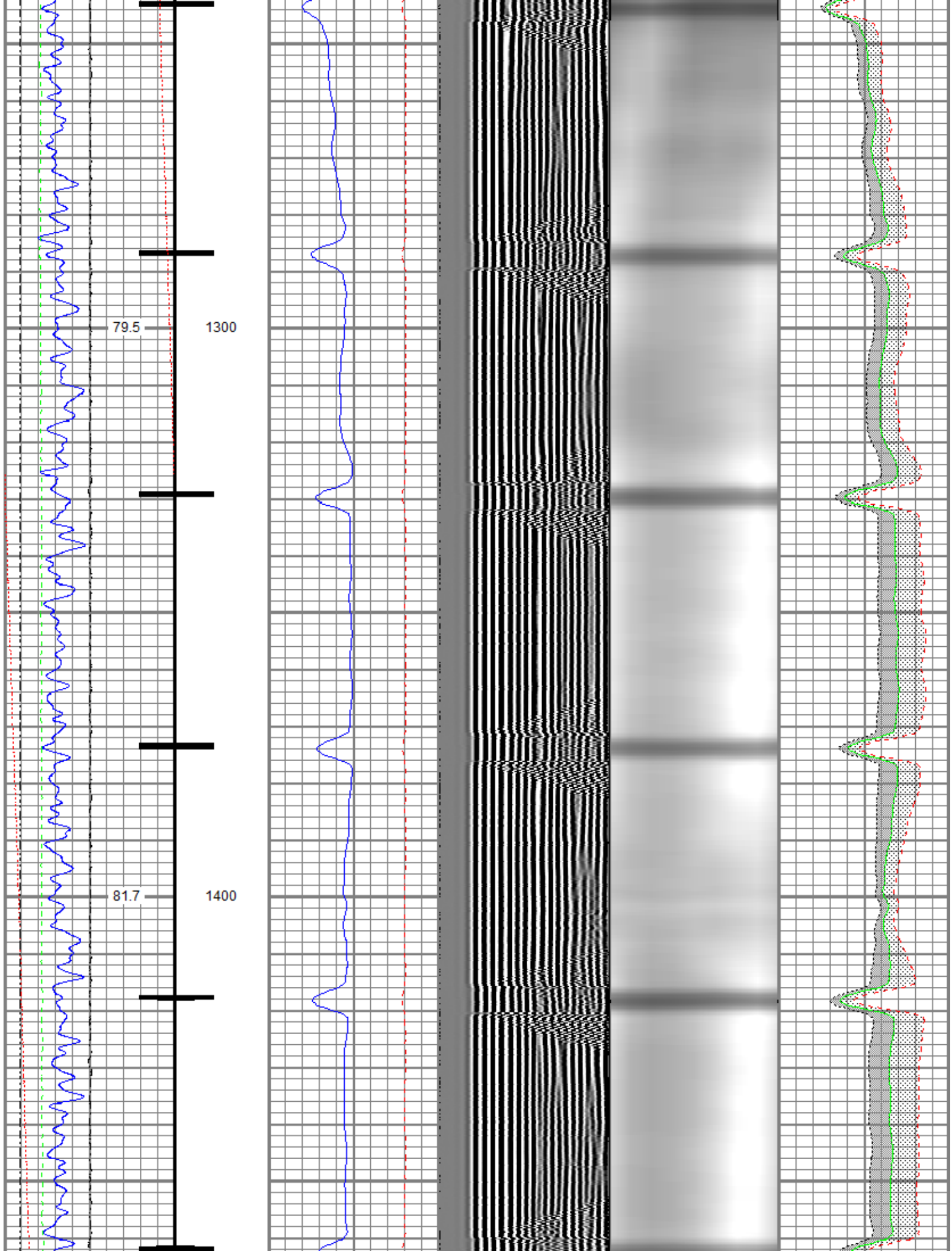


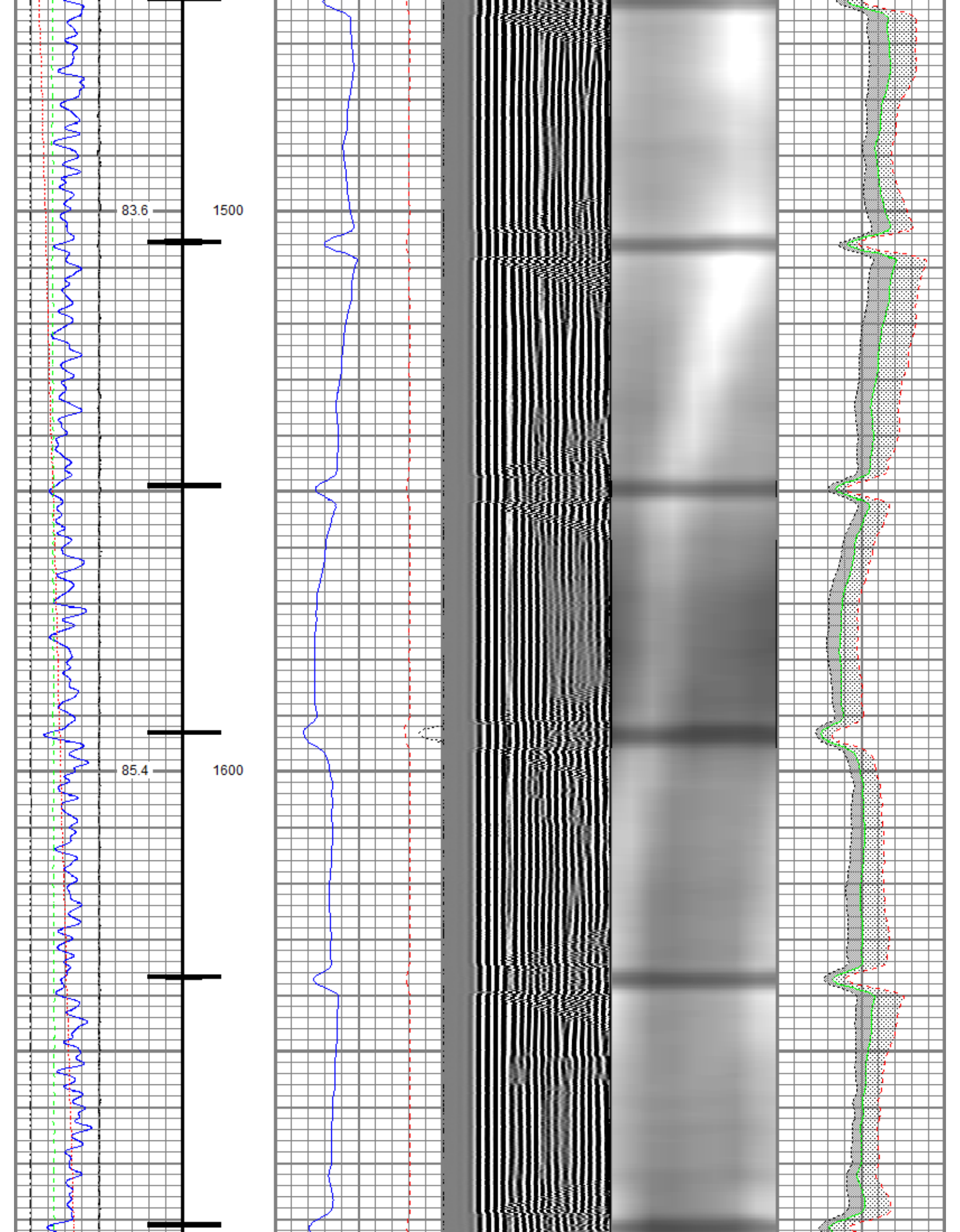


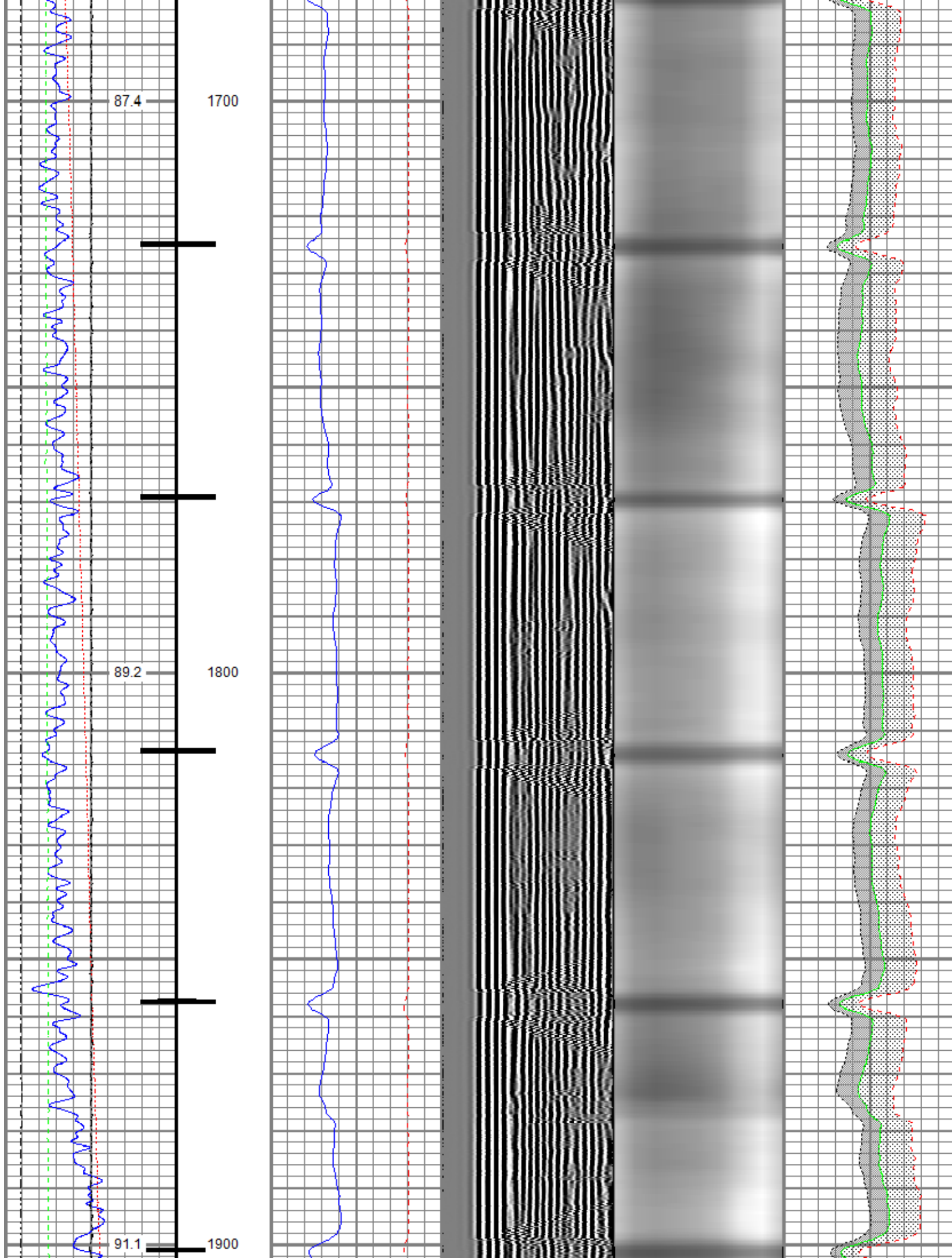


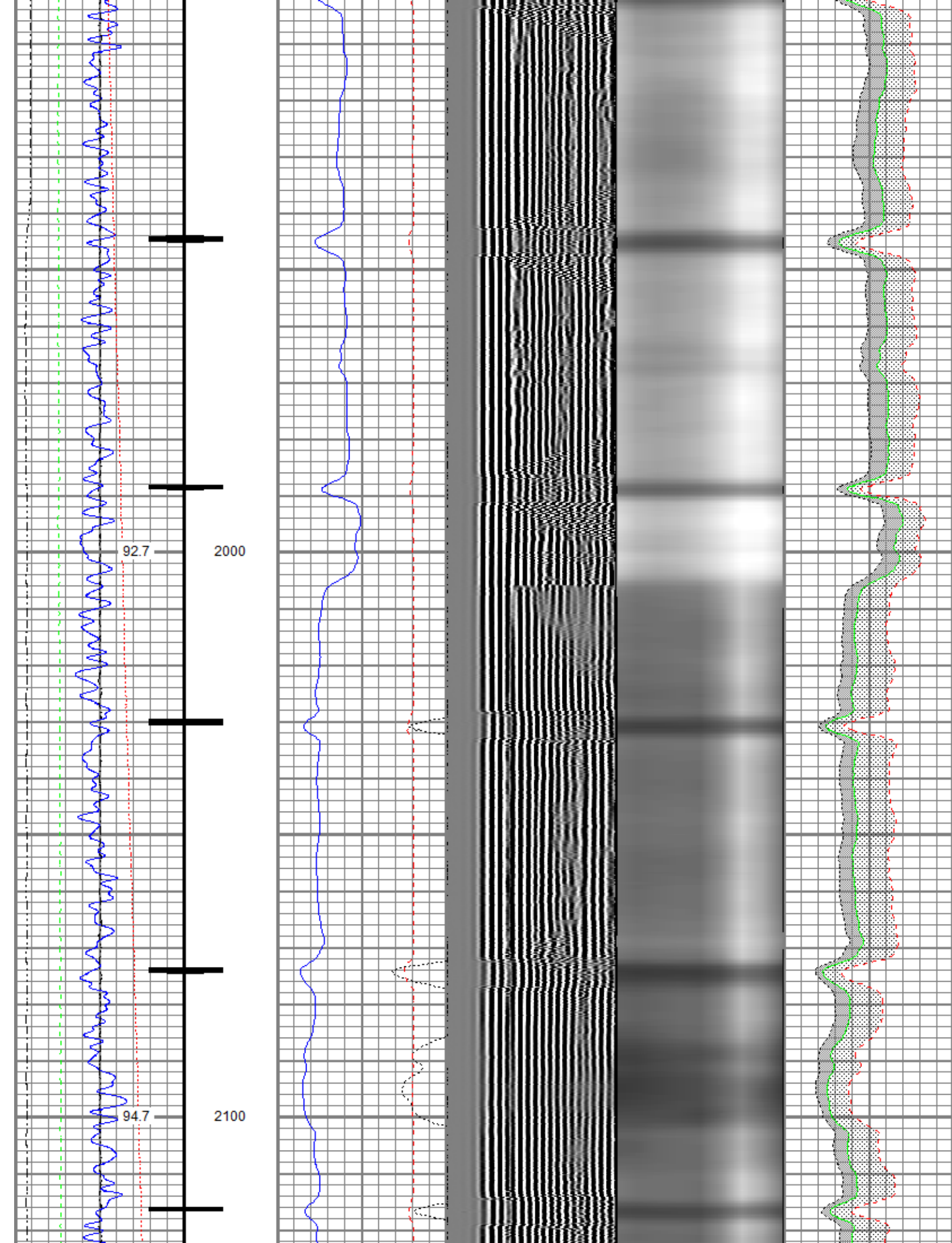


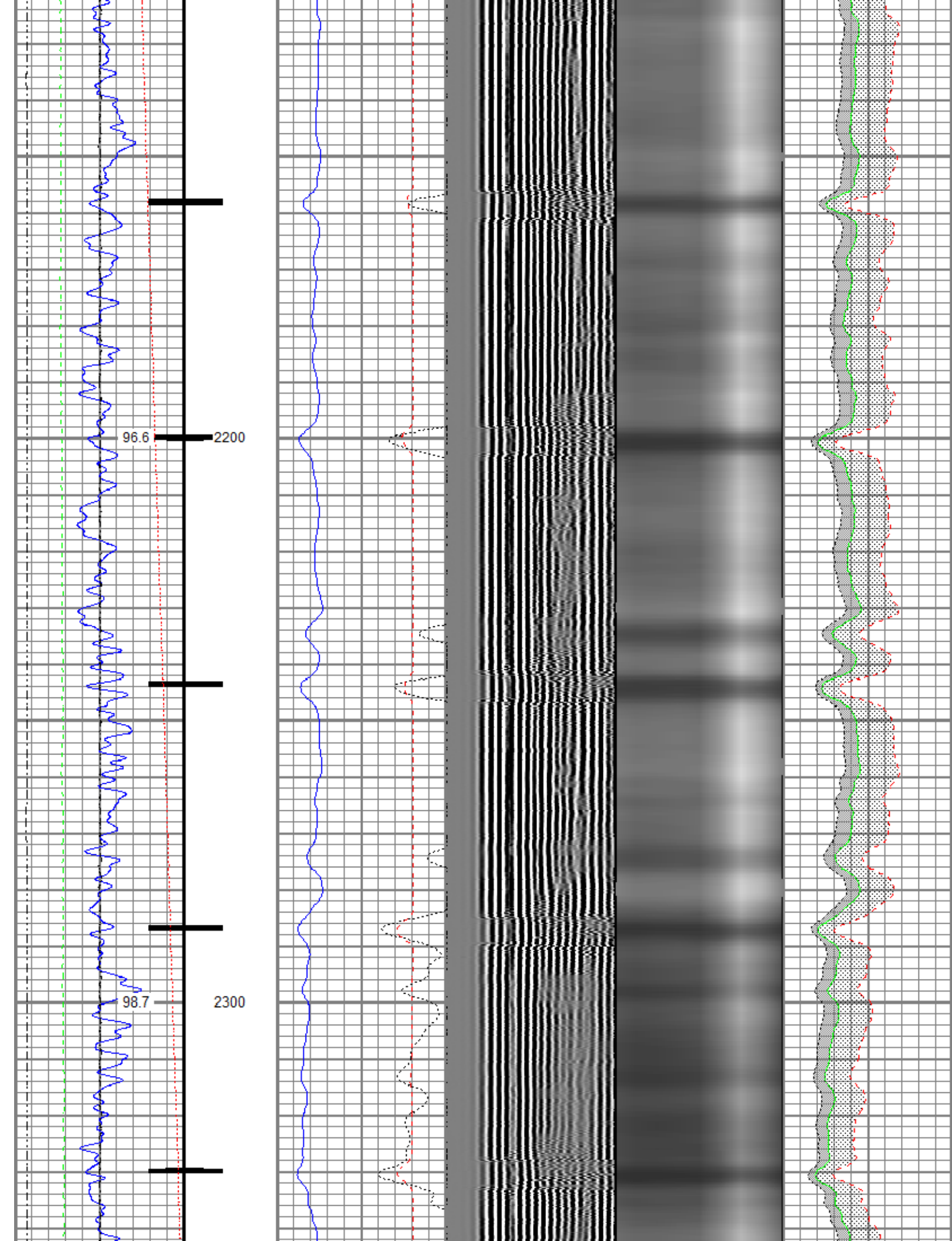


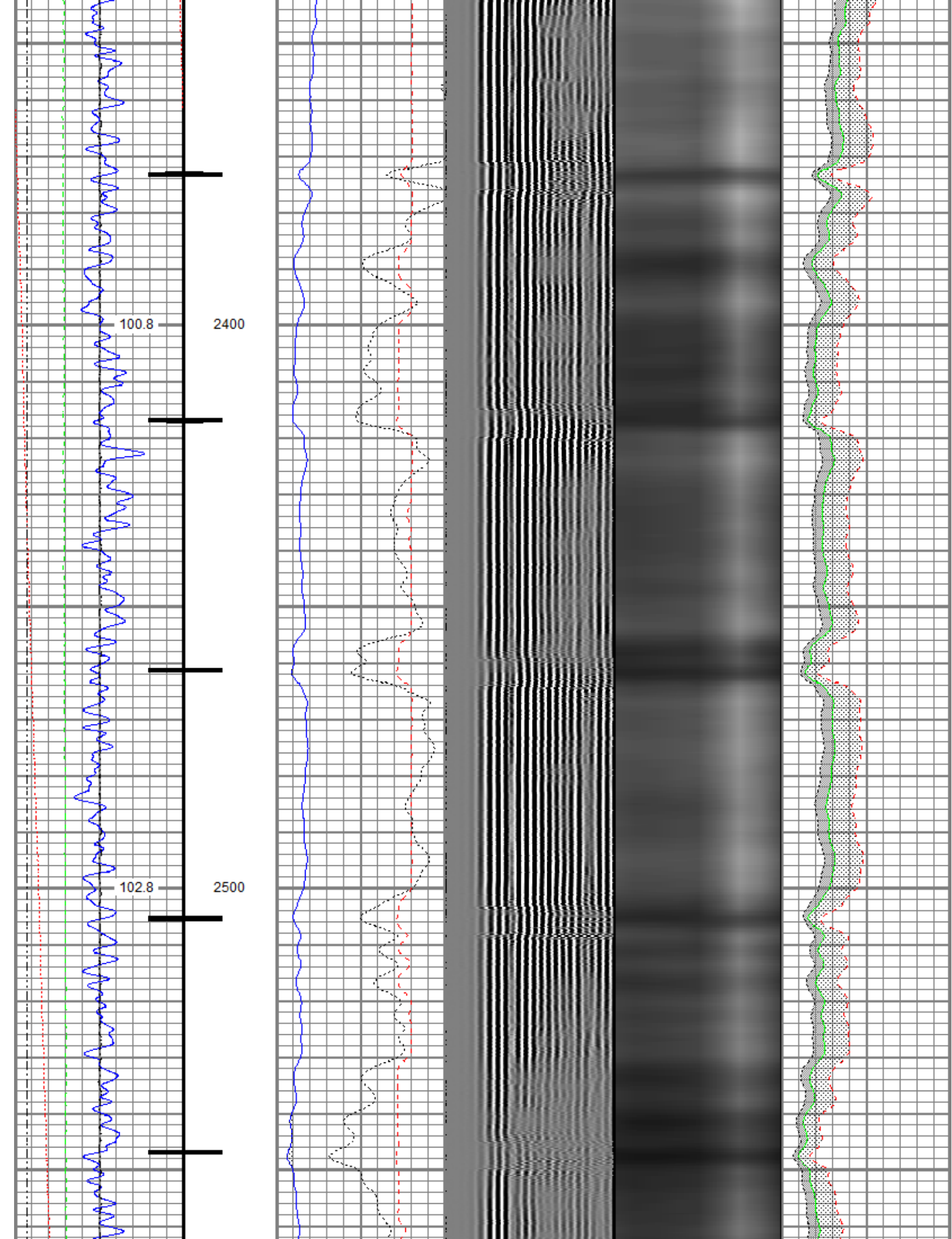


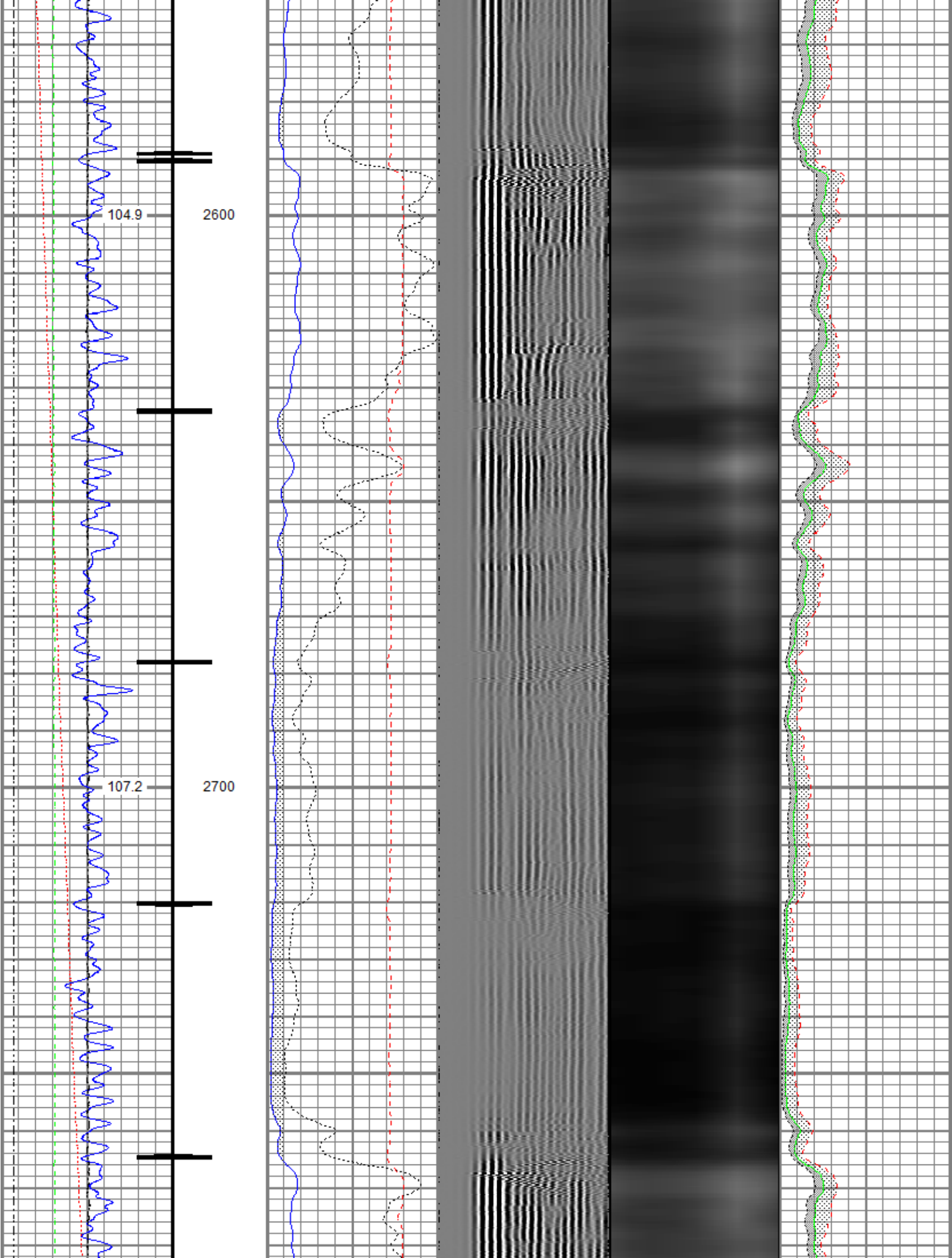


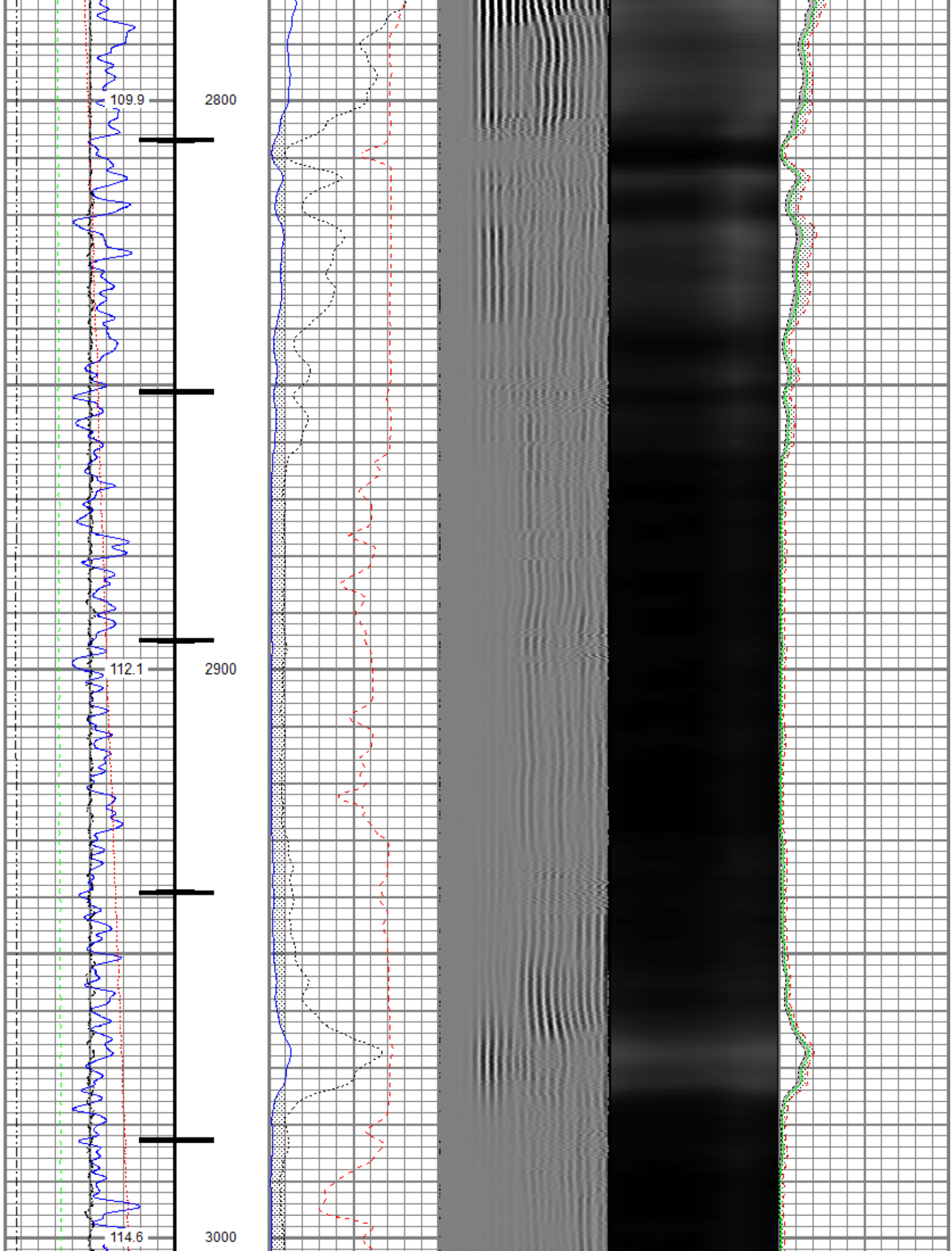


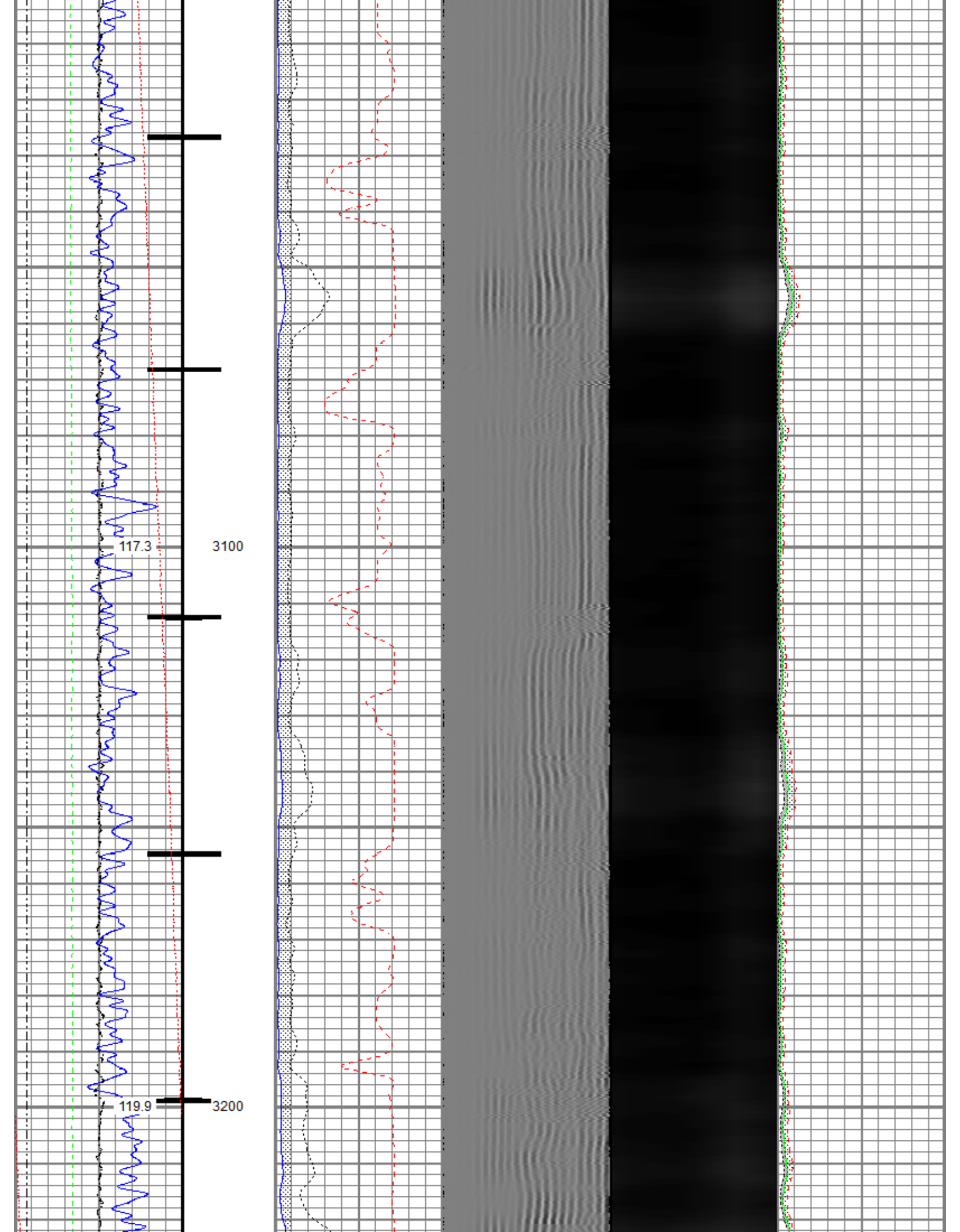


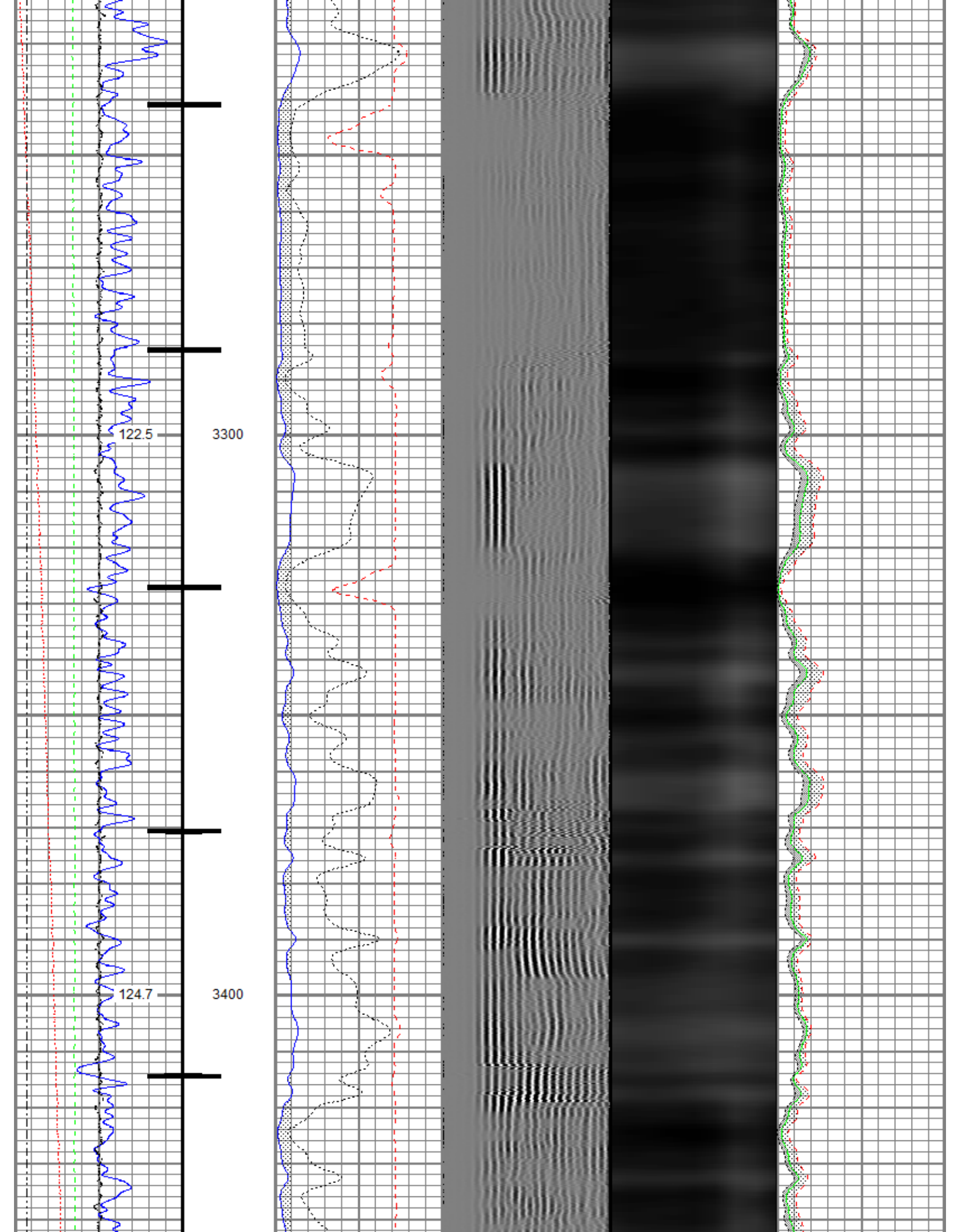


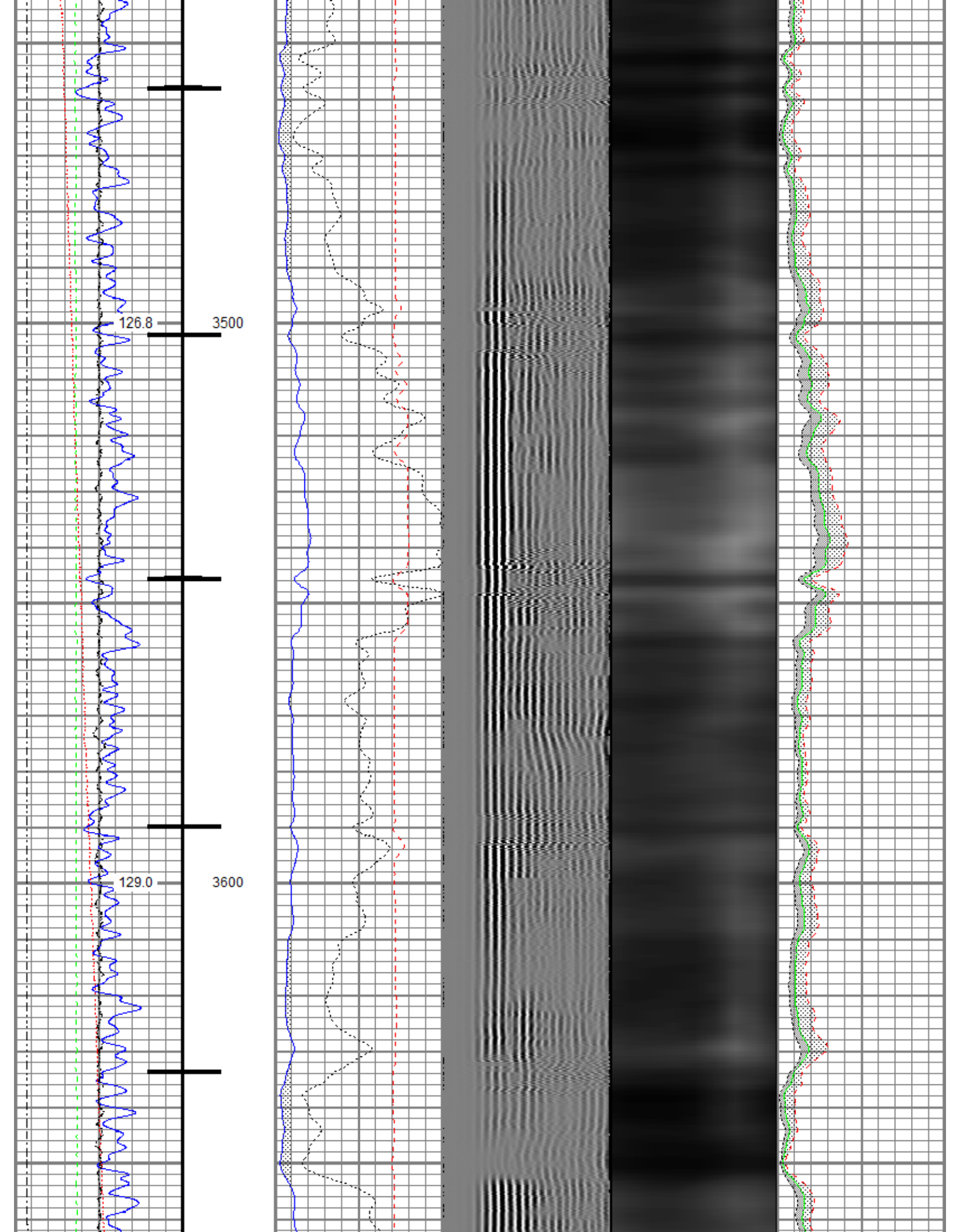


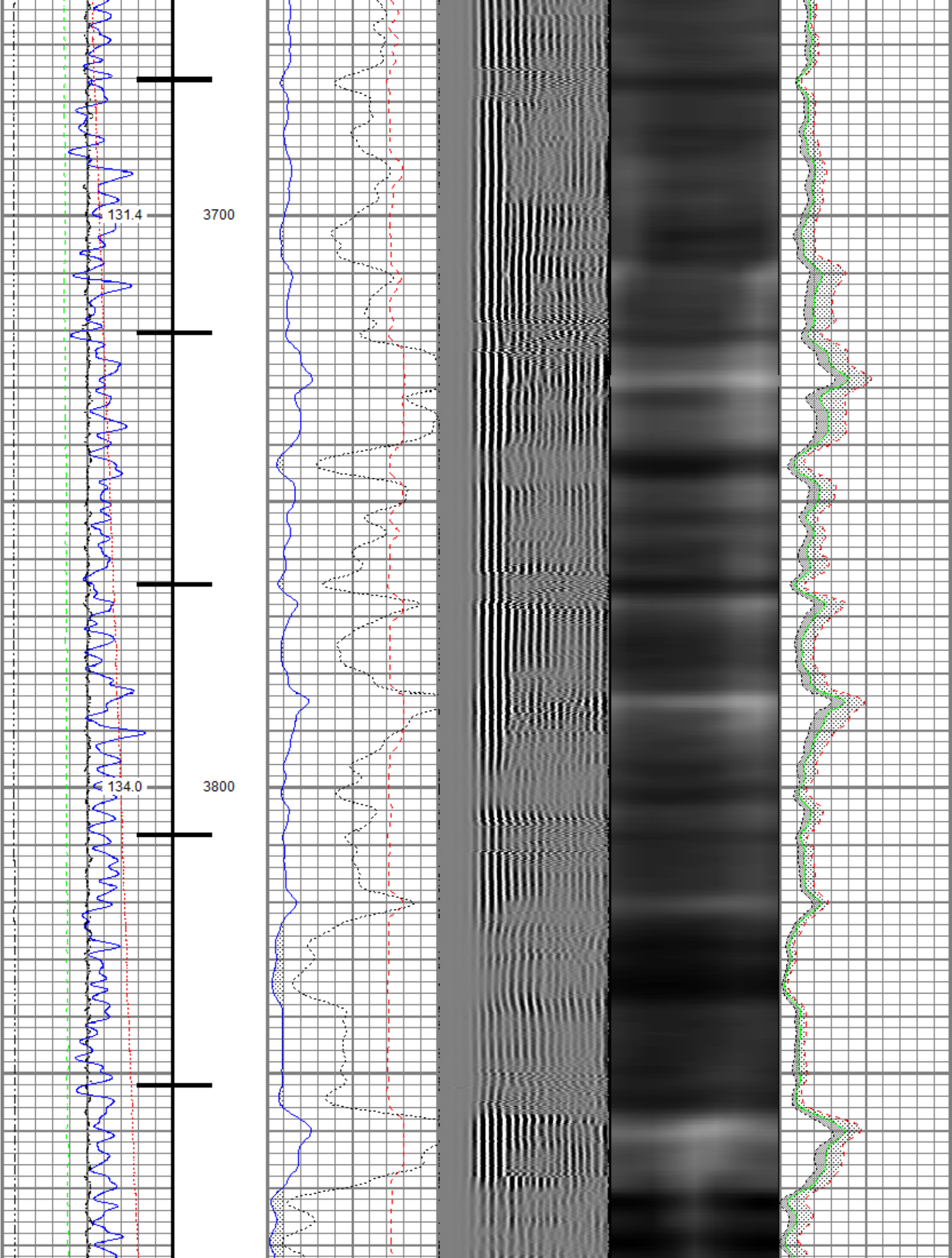


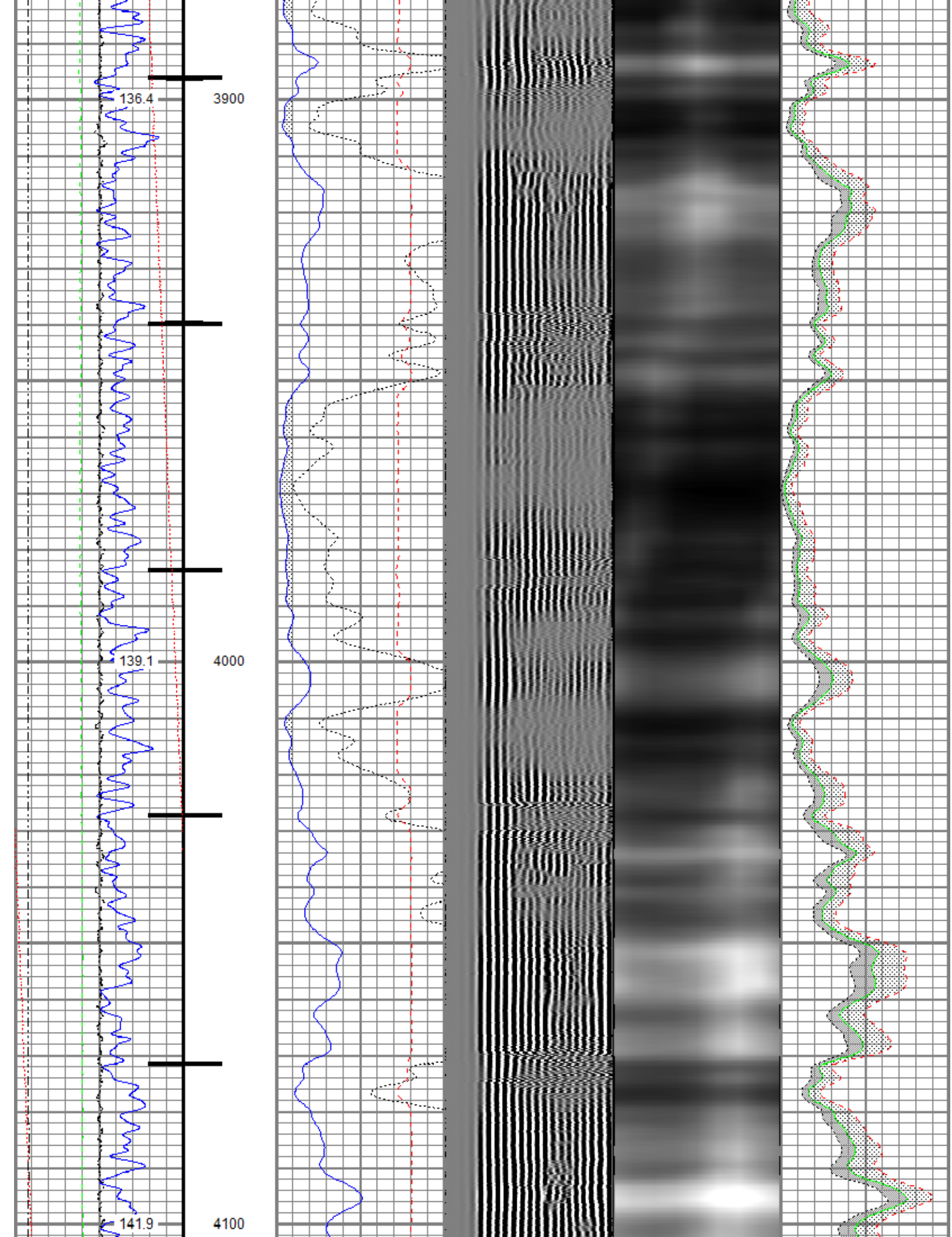


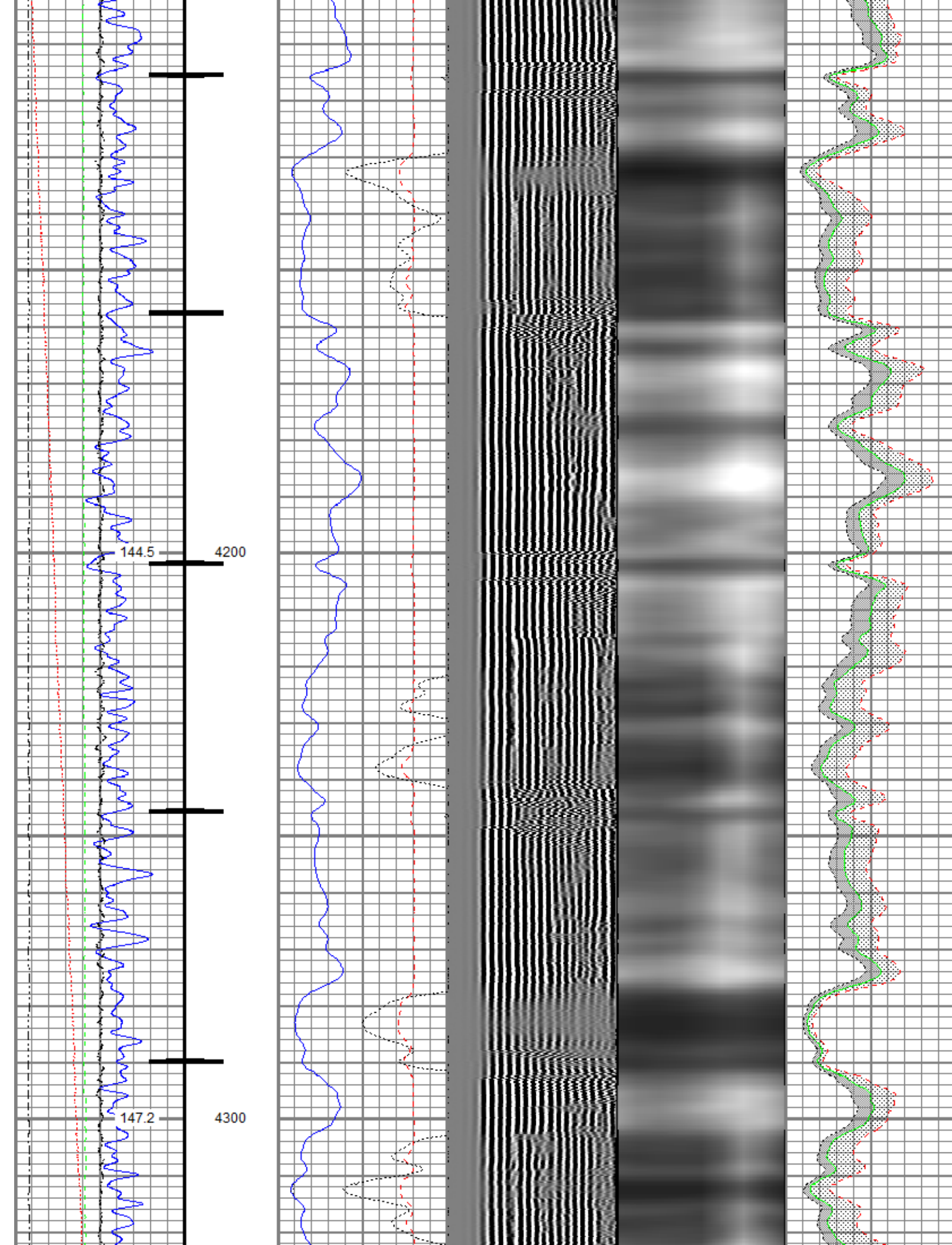


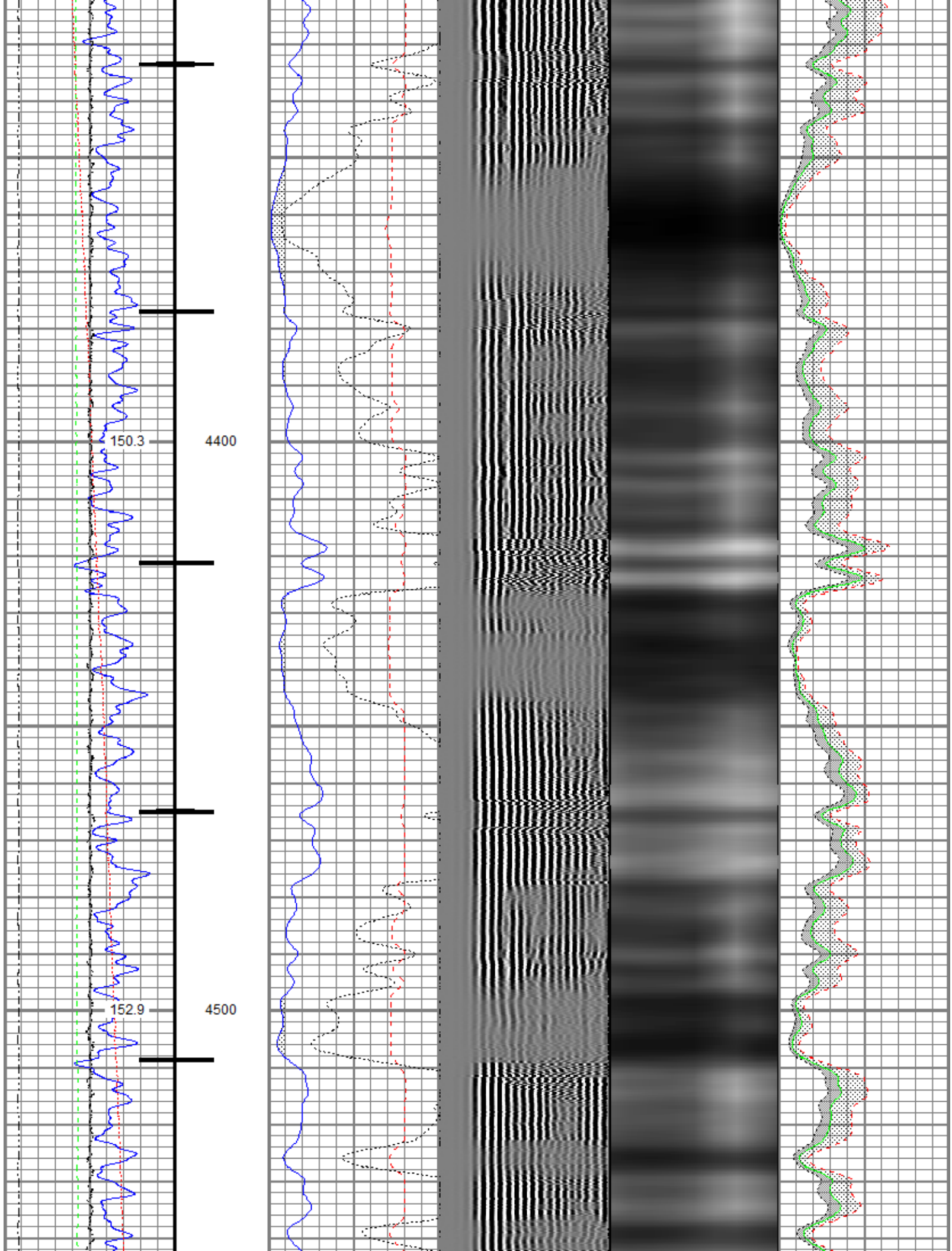


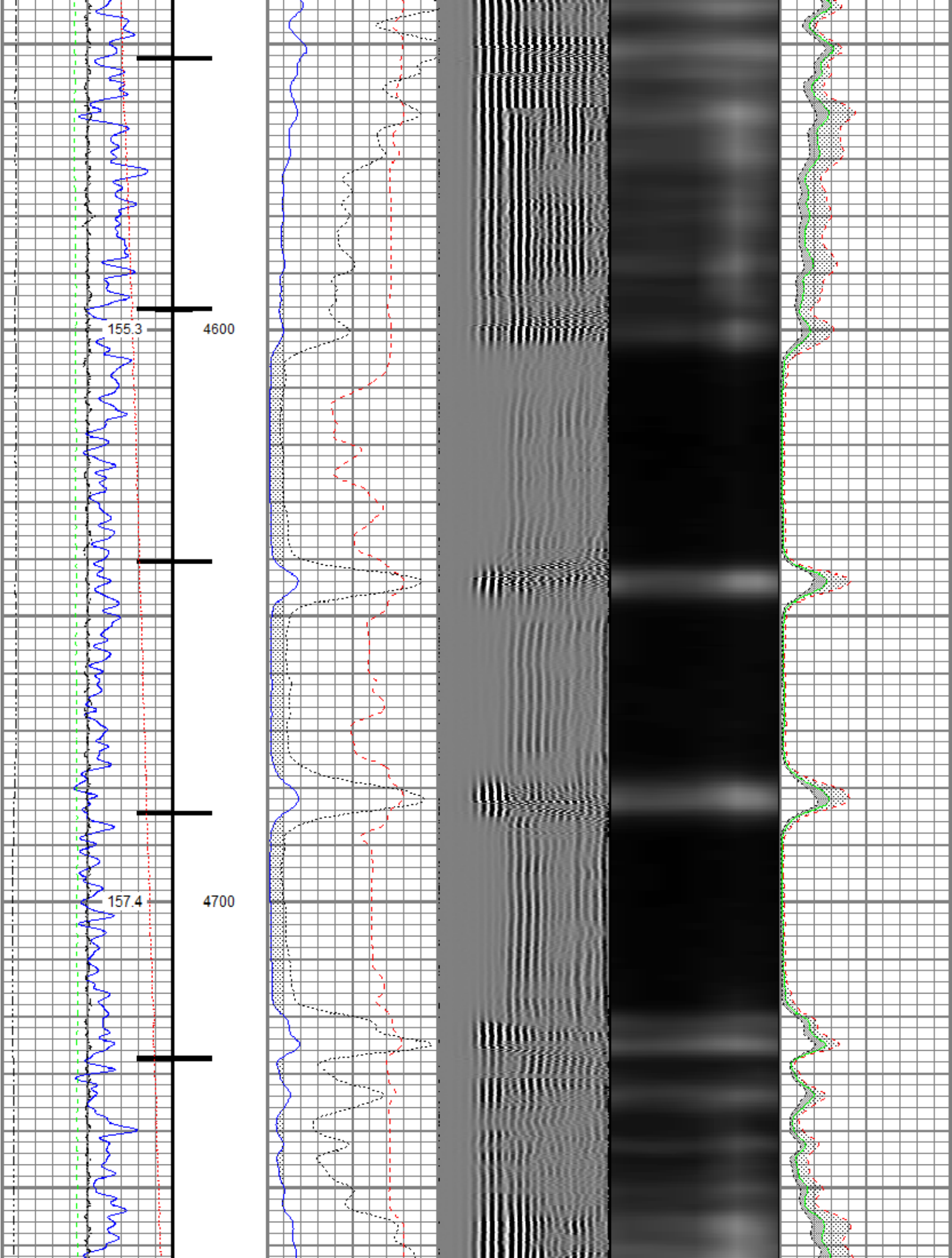


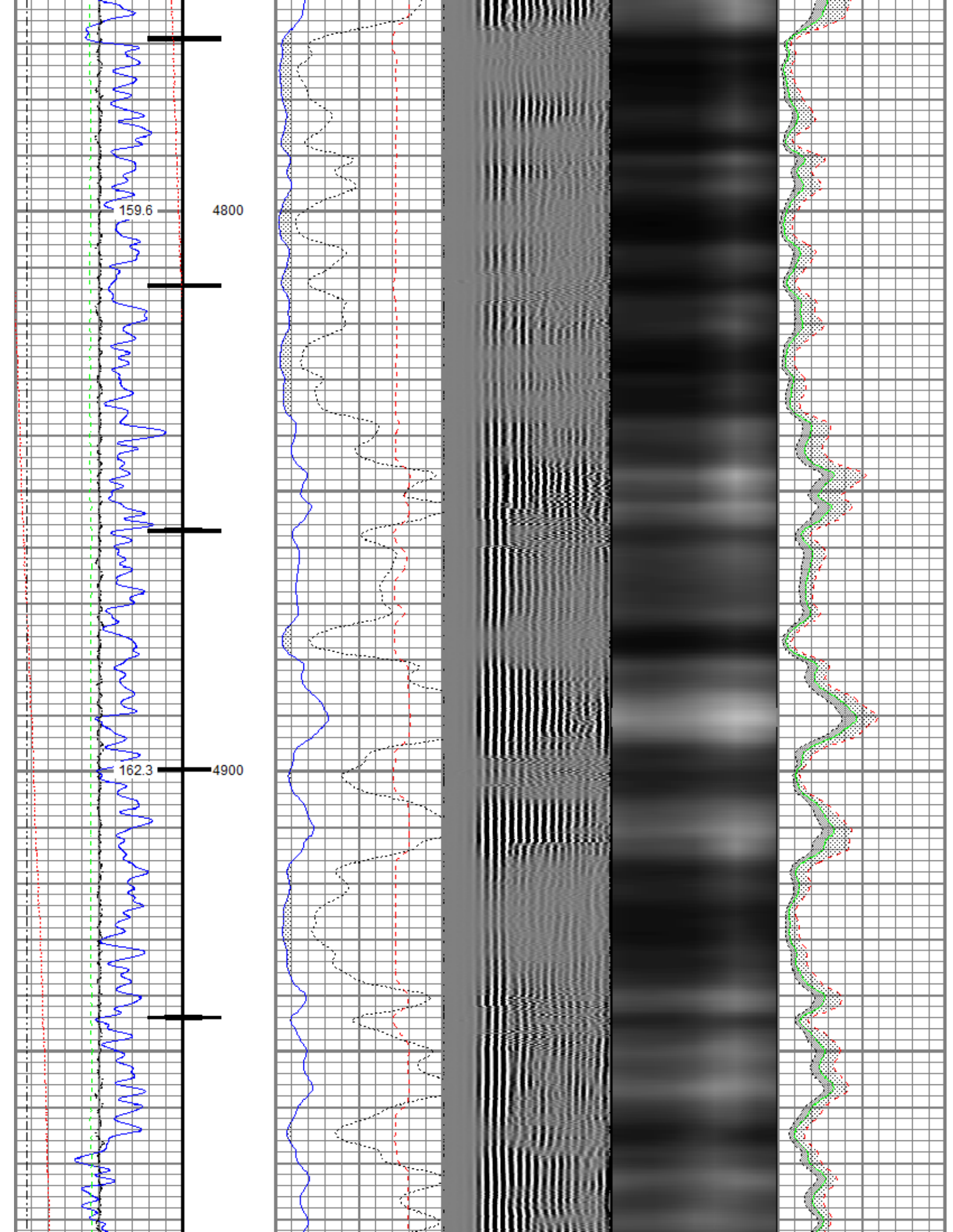


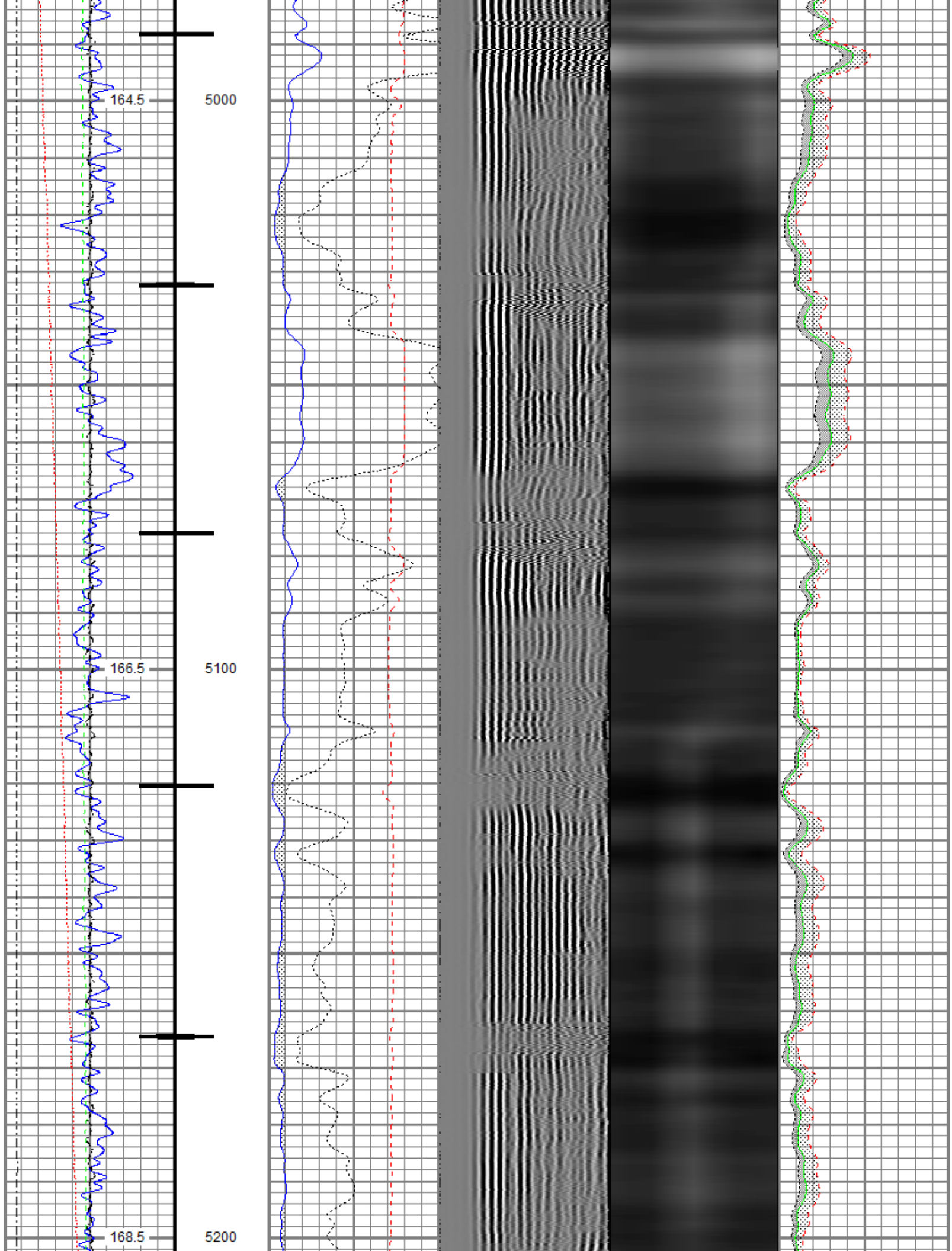


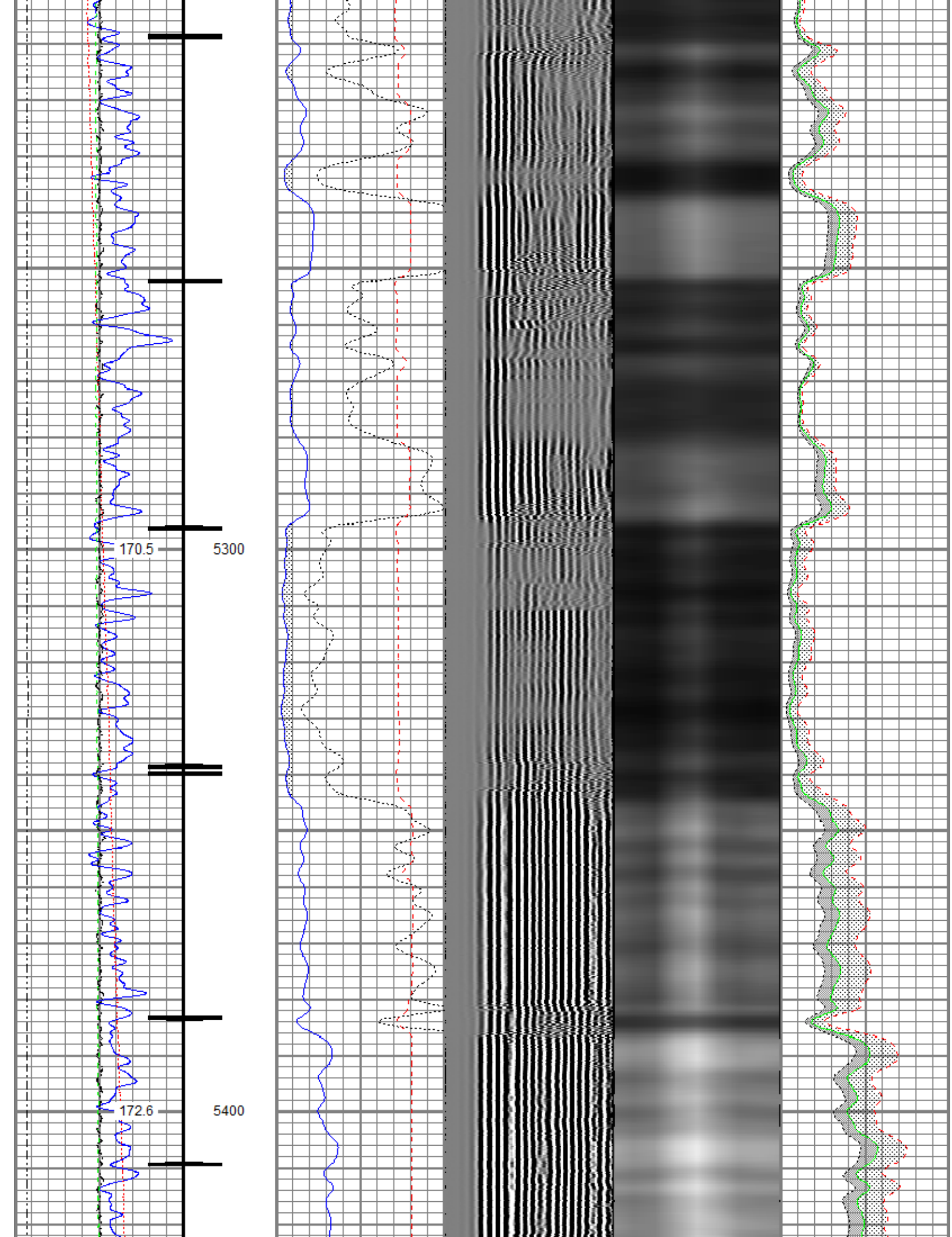


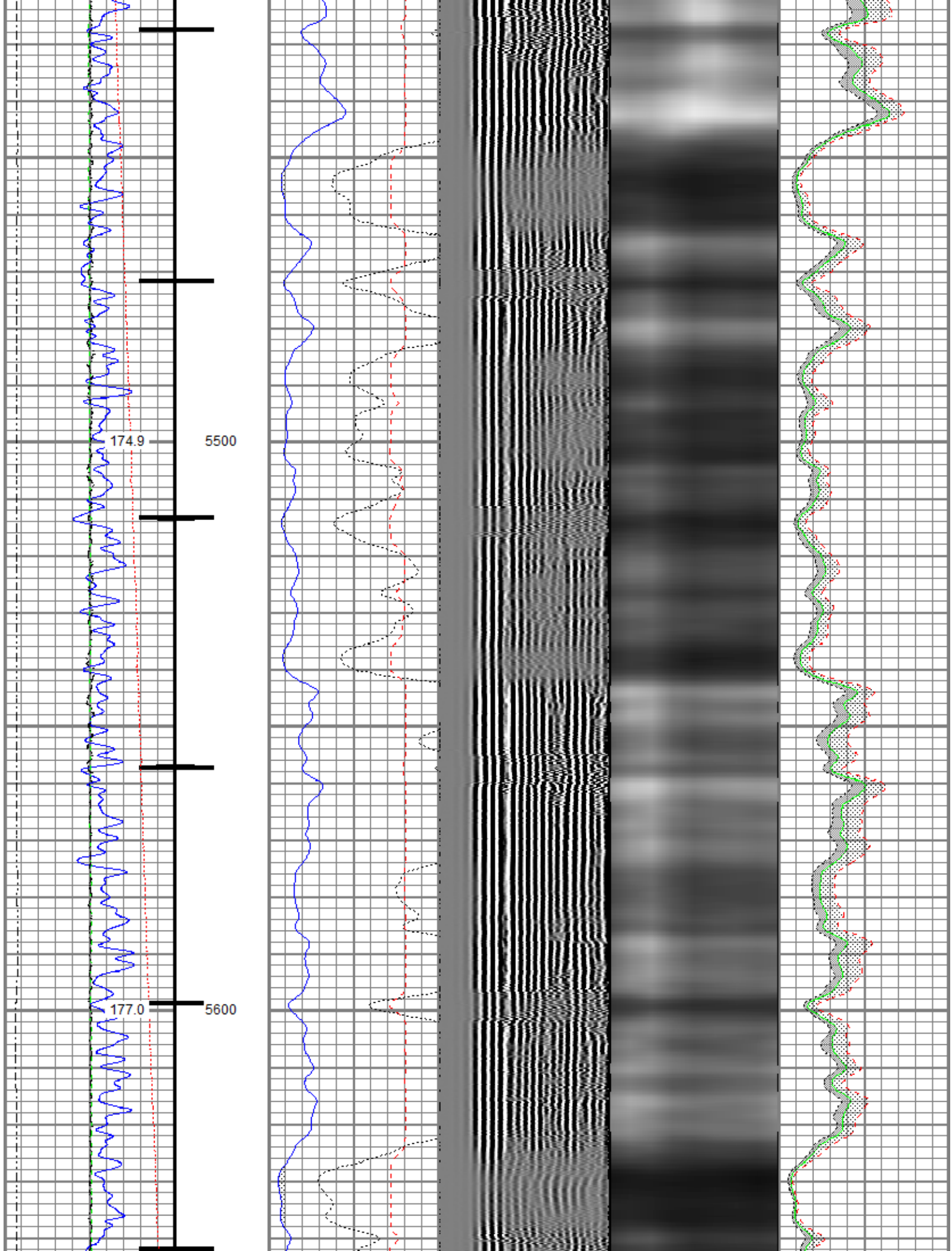


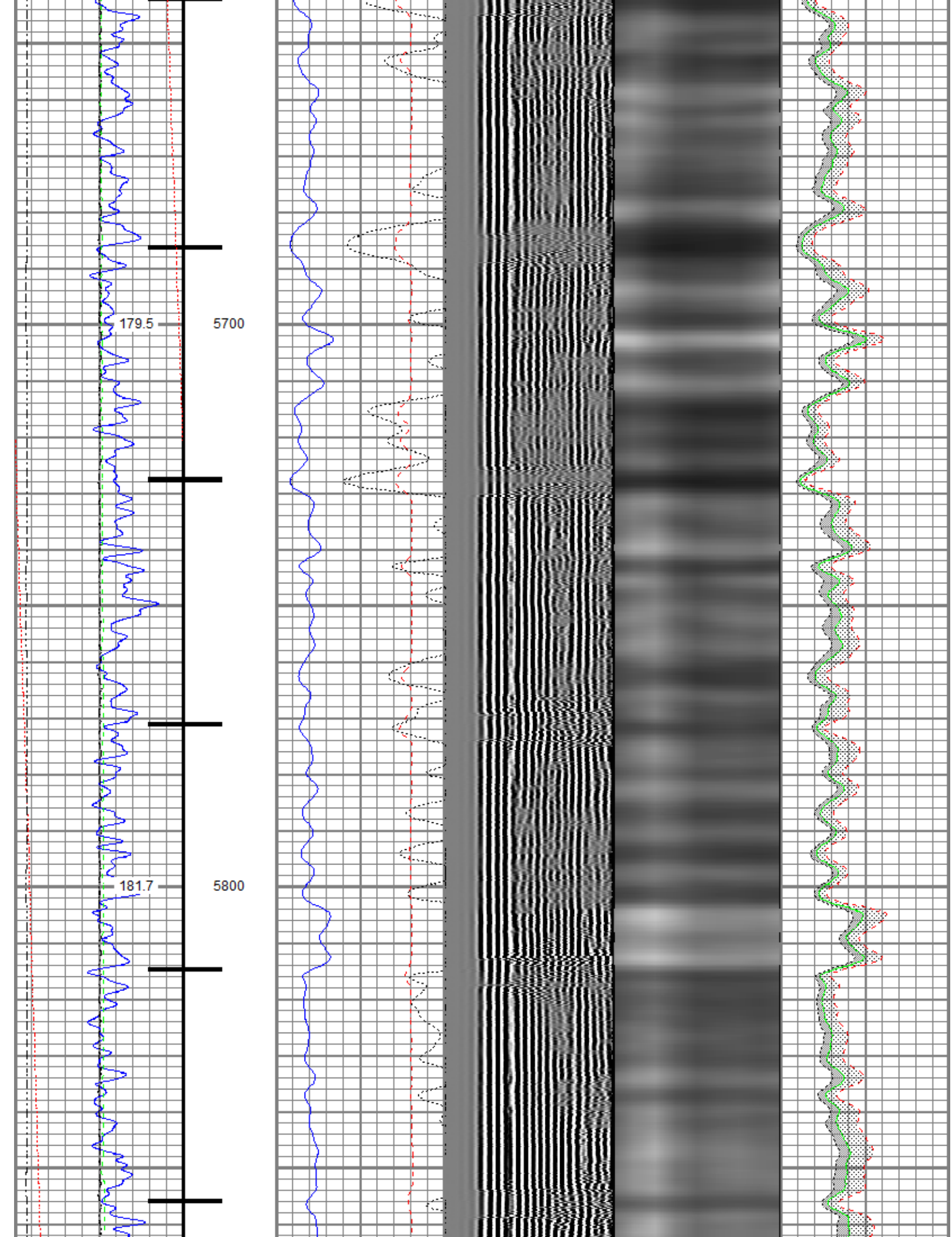


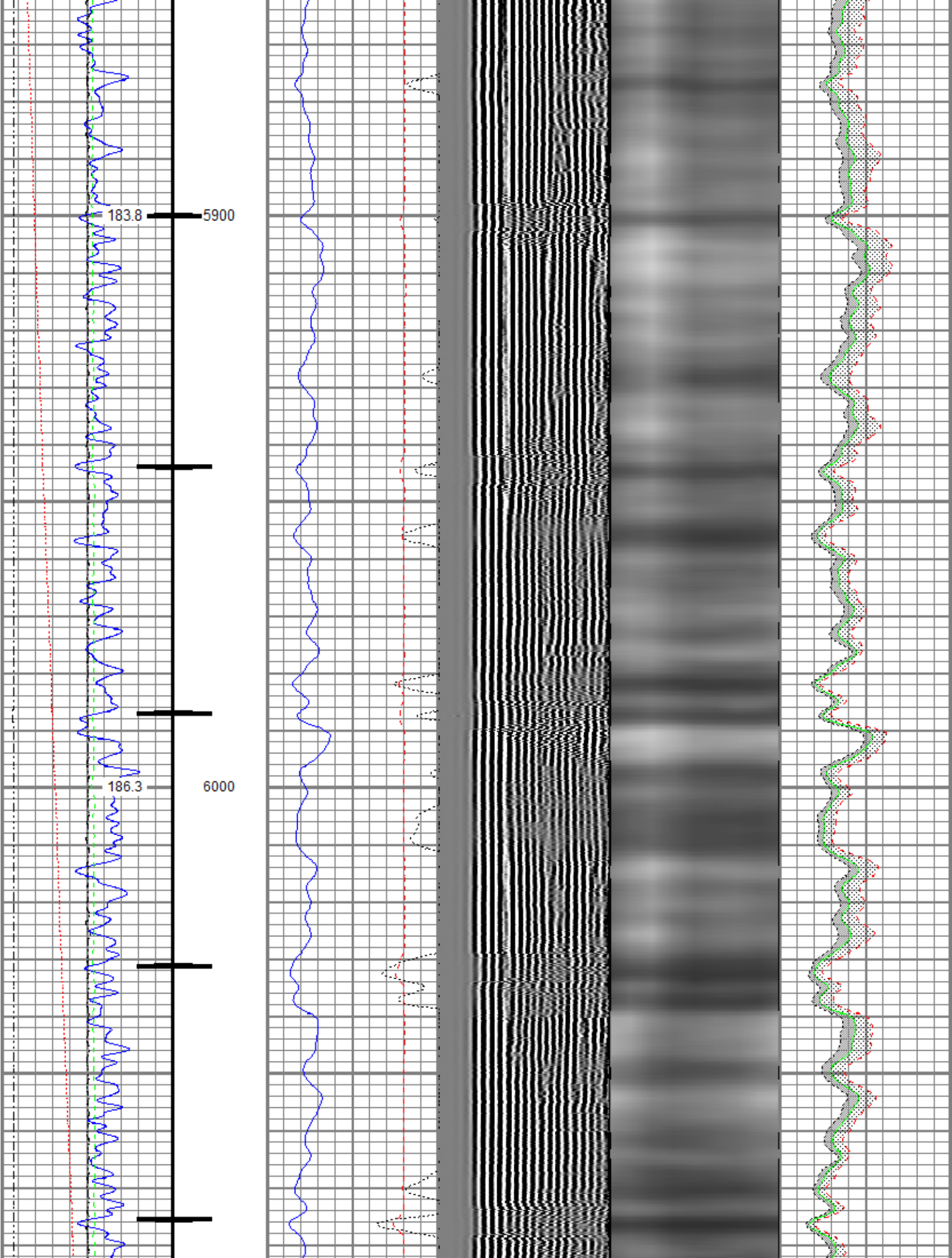


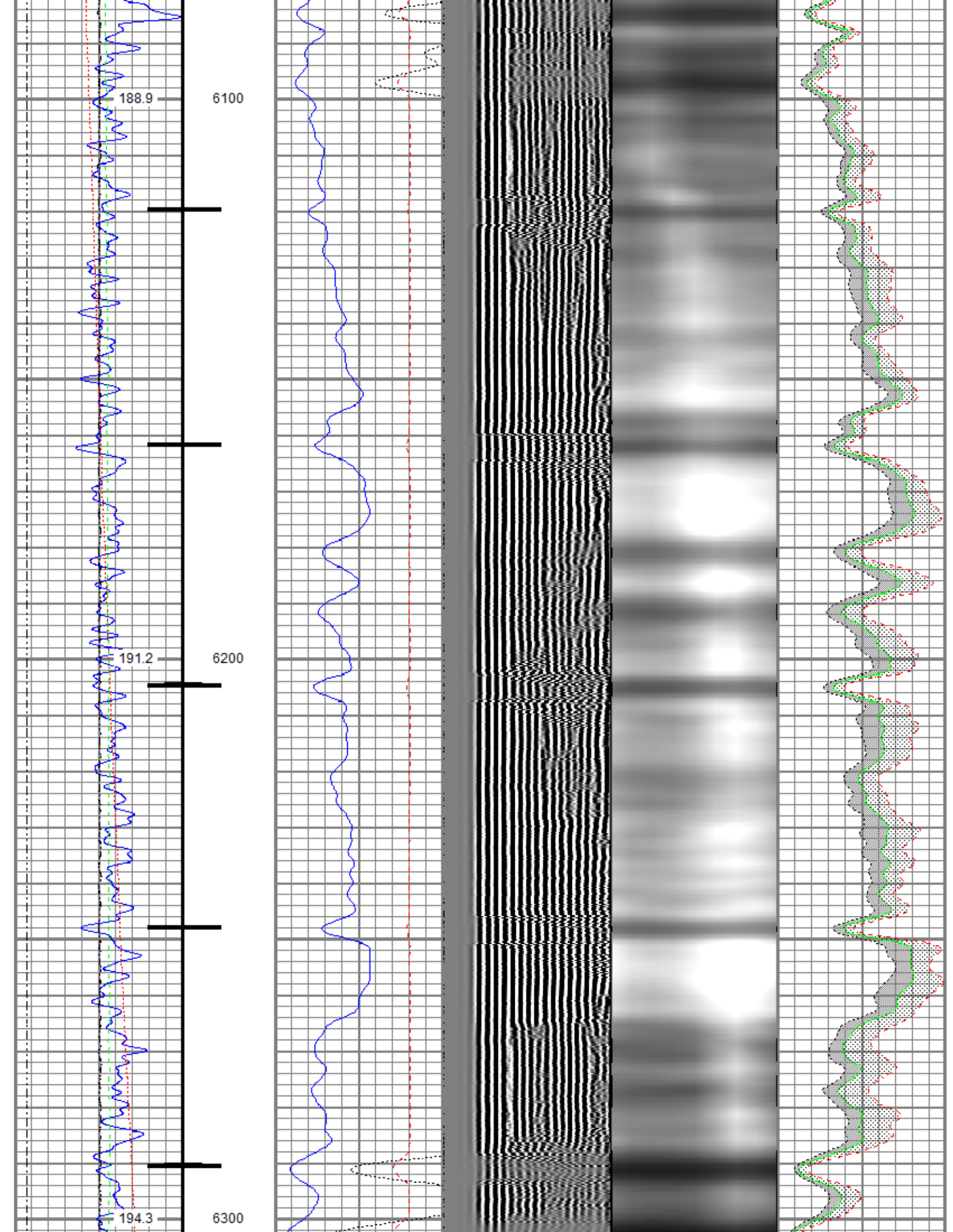


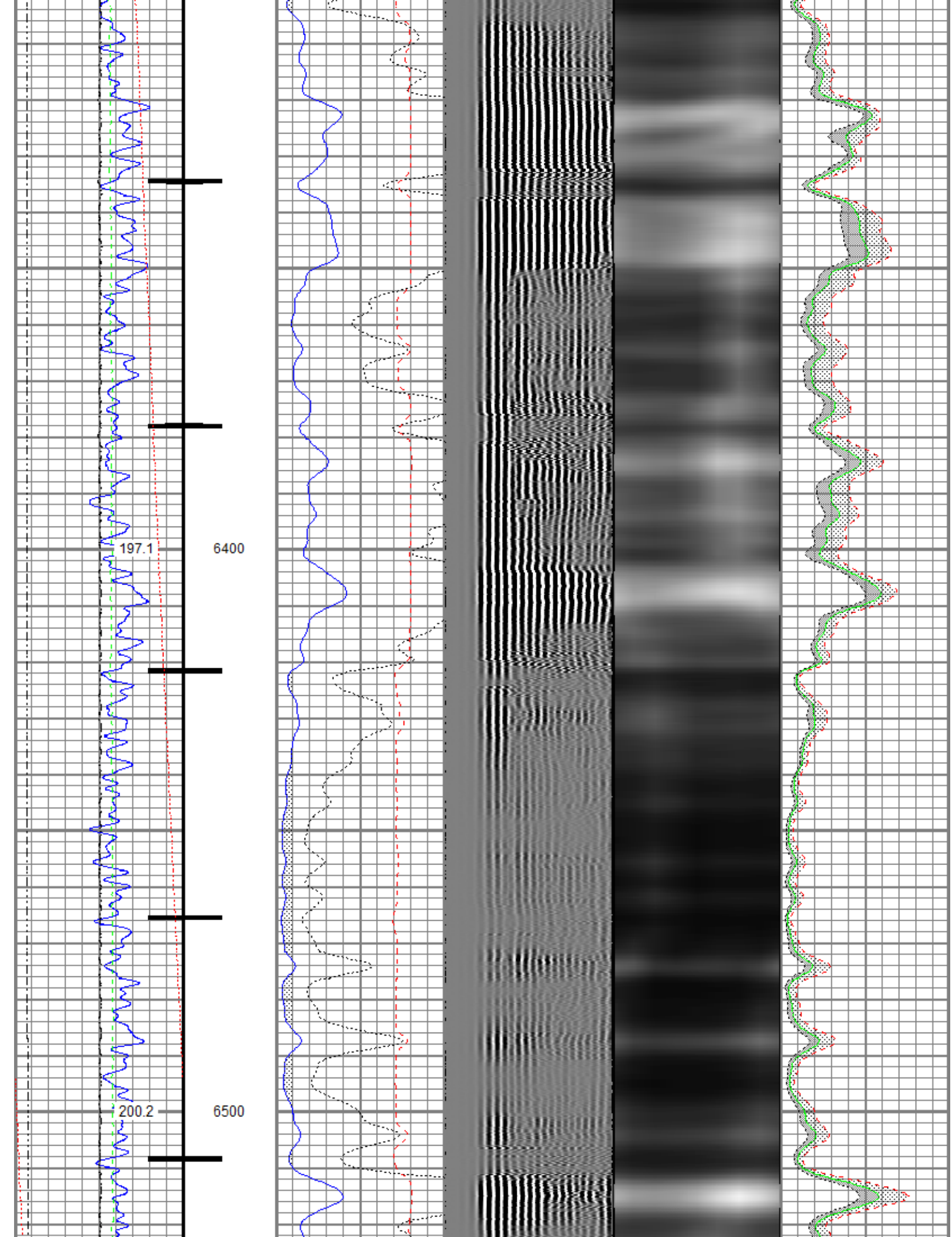


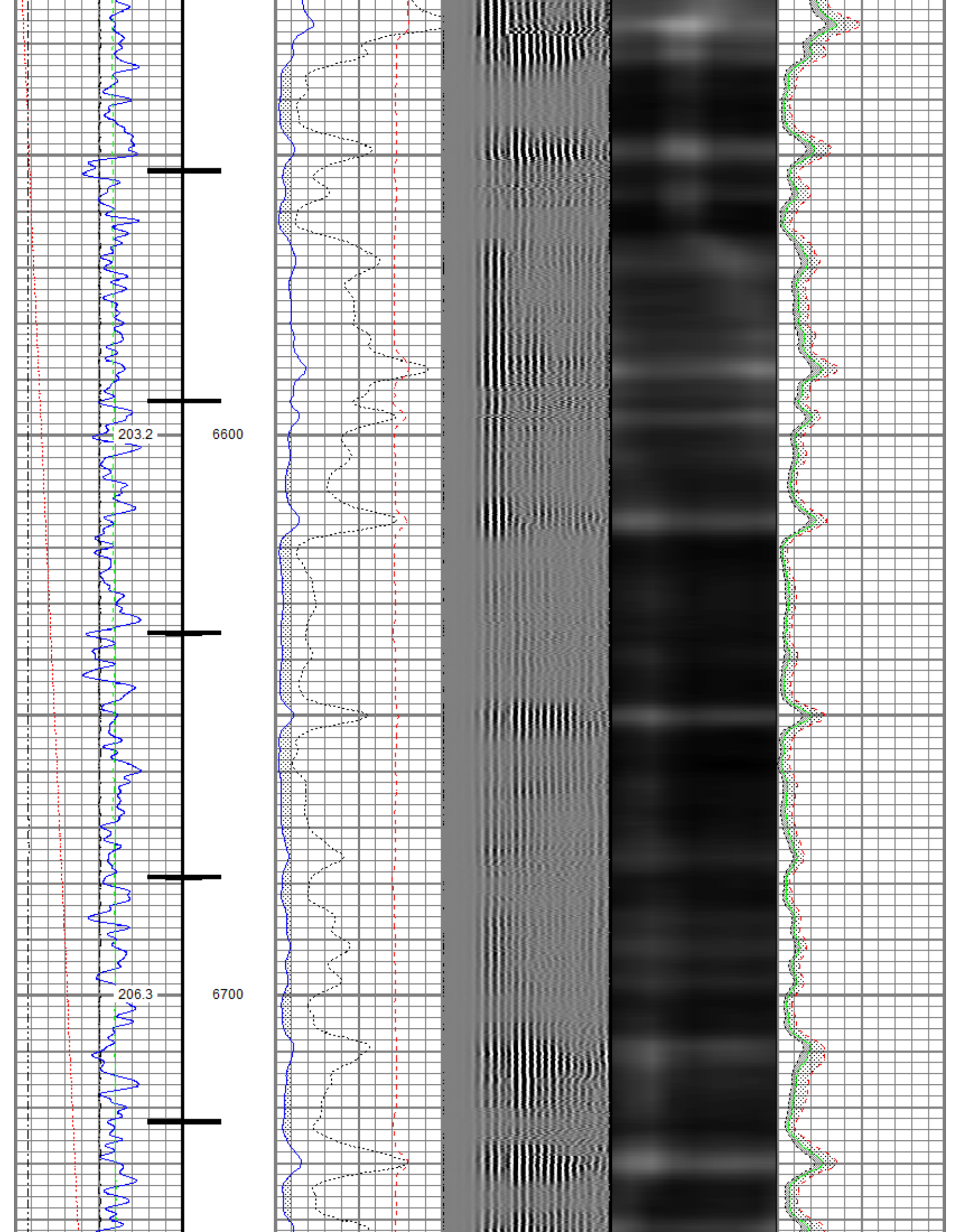


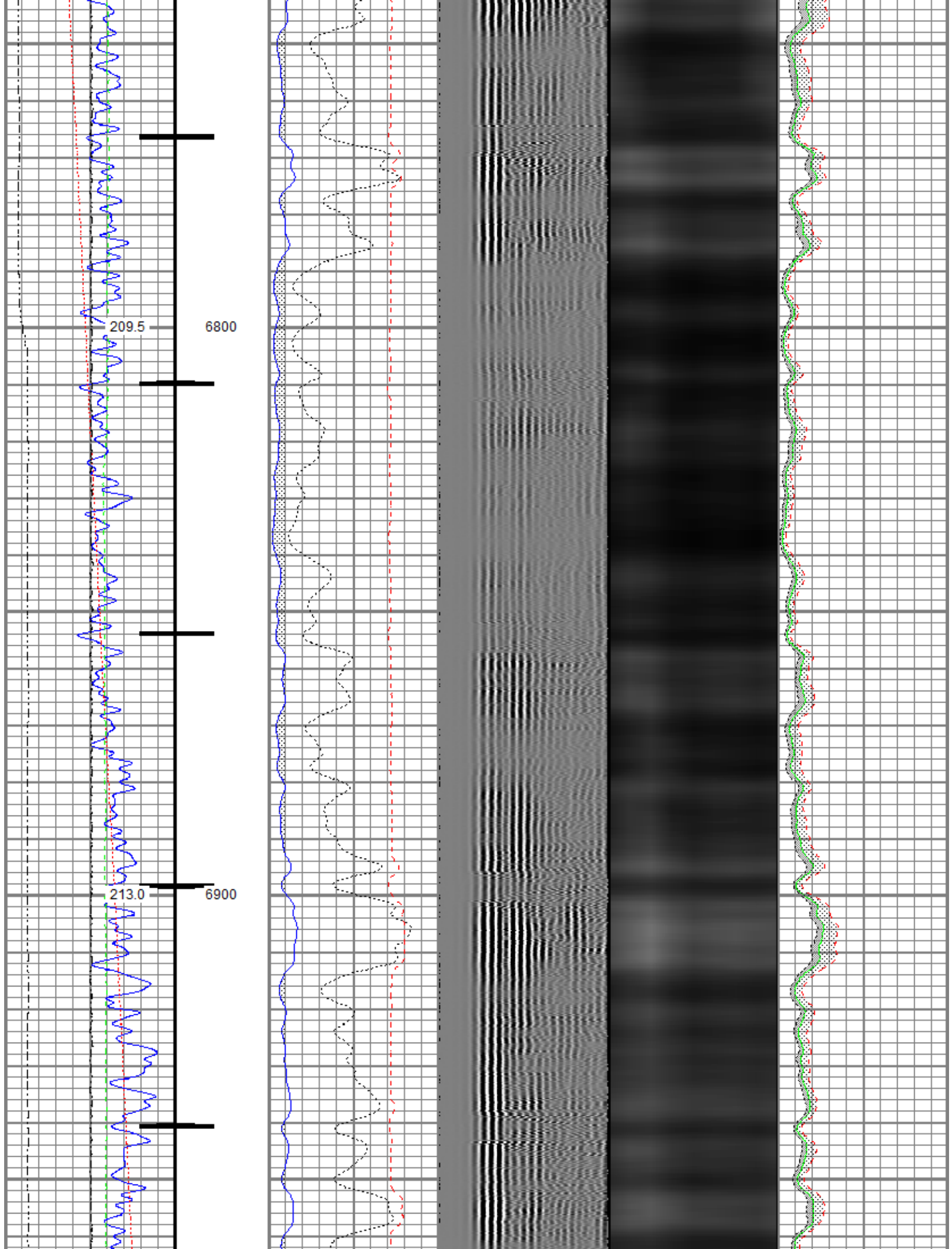


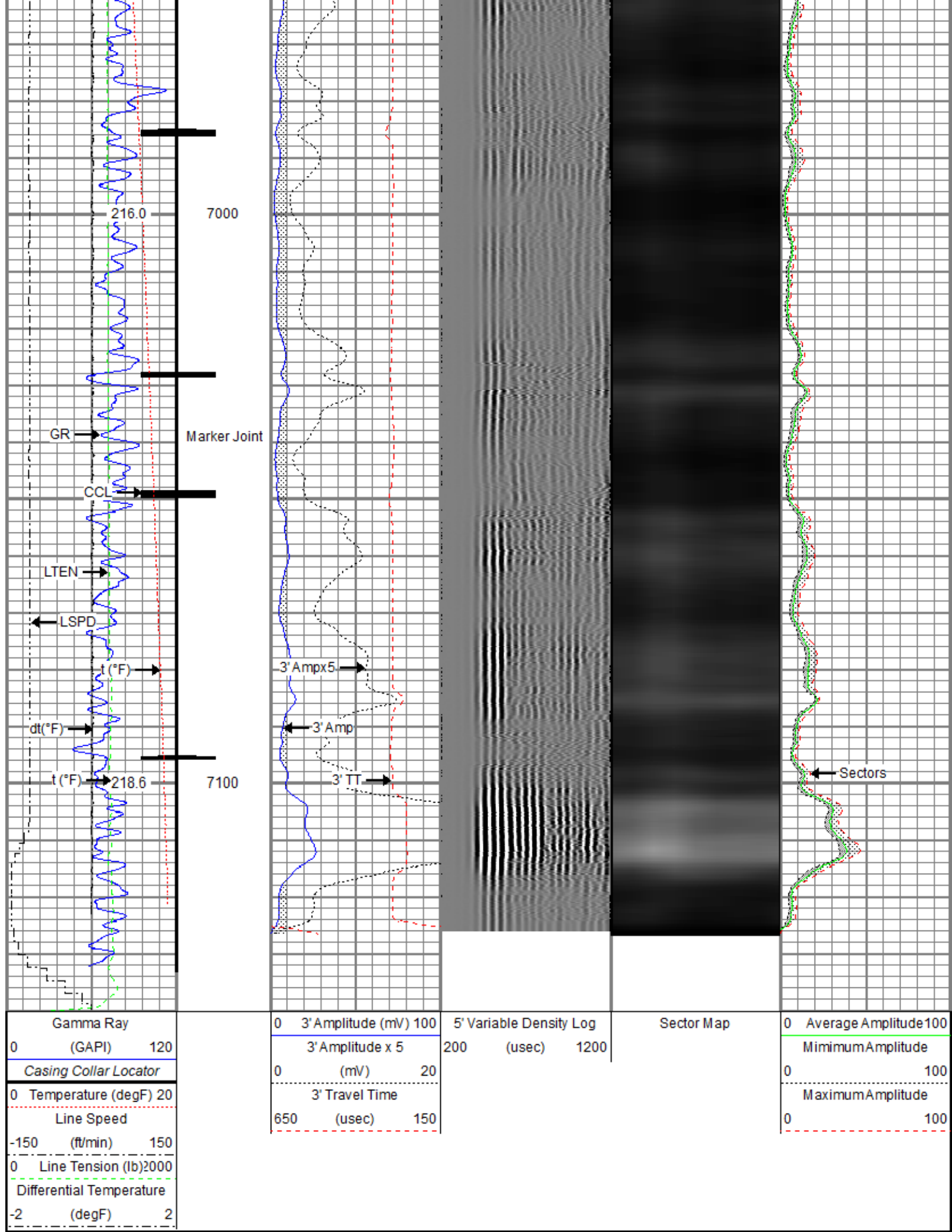










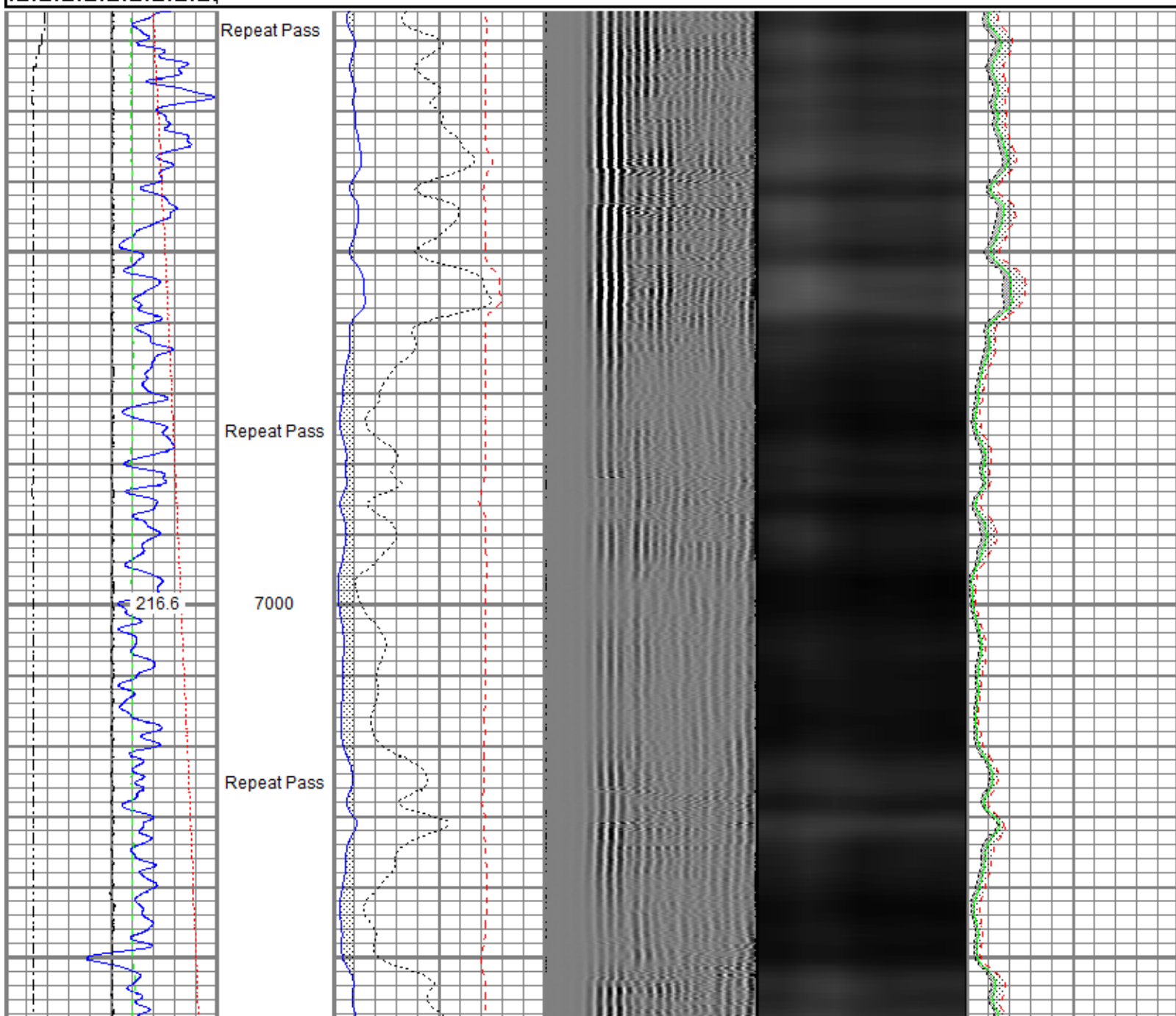


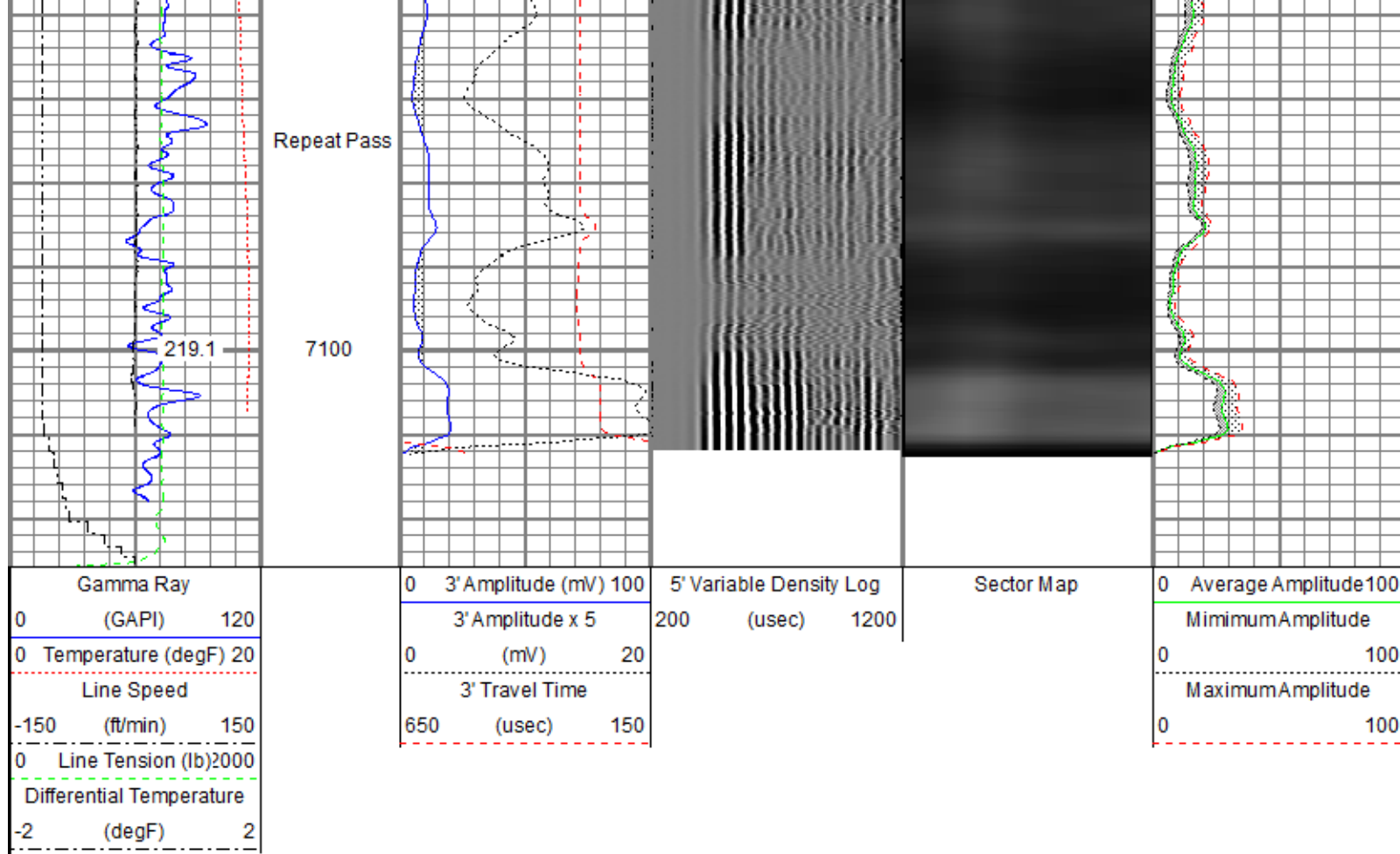
Repeat Pass

Recorded With 0 PSI Surface Induced Pressure

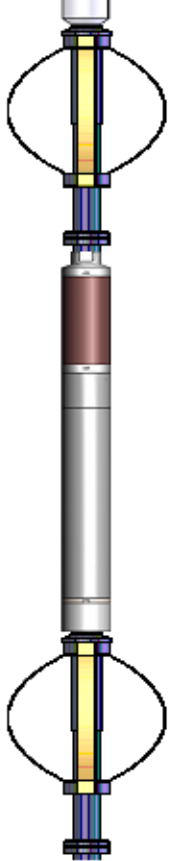
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Dataset Pathname	0PSI/Repeat.2
Presentation Format	ros_radri
Dataset Creation	Fri Aug 02 15:26:23 2019
Charted by	Depth in Feet scaled 1:240

Gamma Ray	0	3' Amplitude (mV)	100	5' Variable Density Log	Sector Map	0	Average Amplitude	100
(GAPI)	120	3' Amplitude x 5	200	(usec)	1200		Minimum Amplitude	
Temperature (degF)	20	(mV)	20			0		100
Line Speed		3' Travel Time					Maximum Amplitude	
(ft/min)	150	(usec)	150			0		100
Line Tension (lb)	2000							
Differential Temperature								
(degF)	2							





Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Titan CHD-14375 GO	1.03	1.44	3.60
			Titan 1-7/16" Assembled Electric Cable Head w/ 1" Fishing Neck			
			Probe CENT-2750	2.88	2.75	20.00
			Probe 2-3/4" Electric Inline Bowspring Centralizer			
TEMP	17.04		Probe Radii-2750 RBT (120855)	9.39	2.75	105.00
WVFS8	14.81		Probe 2-3/4" Radial Cement Bond Tool with Integral Temperature Sub			
WVFS7	14.81					
WVFS6	14.81					
WVFS5	14.81					
WVFS4	14.81					
WVFS3	14.81					
WVFS2	14.81					
WVFS1	14.81					
WVECAI	14.81					

WVF3FT	14.81		Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
WVF5FT	13.81					
CCL\$2	6.80					
CCL\$1	6.80					
GR	5.46		Probe GR-CCL-2750 6PB (FW1810-044) Probe 2-3/4" rev.1 Digital Scintillation Gamma Ray/CCL Combined with 6 Pin Bottom for CNT	4.80	2.75	55.00
			Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
Dataset: processed_0512349215_anadarko_jdb 15-9hz_rbl_08-01-19.db: field/well/0PSI/Main.6 Total length: 23.86 ft Total weight: 223.60 lb O.D.: 2.75 in						

Calibration Report						
Database File	c:\programdata\warrior\data\anadarko\0512349215_anadarko_jdb 15-9hz_rbl_08-01-19\processed_0512349215_anadarko_jdb					
Dataset Pathname	0PSI/Main.6					
Dataset Creation	Fri Aug 02 15:16:09 2019					
Gamma Ray Calibration Report						
Serial Number:	FW1810-044					
Tool Model:	2750 6PB					
Performed:	Sat Nov 10 12:23:27 2018					
Calibrator Value:	637.0	GAPI				
Background Reading:	105.3	cps				
Calibrator Reading:	1221.0	cps				
Sensitivity:	0.5709	GAPI/cps				
Segmented Cement Bond Log Calibration Report						
Serial Number:	120855					
Tool Model:	2750 RBT					
Calibration Casing Diameter:	5.500	in				
Calibration Depth:	10.194	ft				
Master Calibration, performed (Derived):						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.005	0.671	0.800	71.921	106.815	0.242
CAL	0.760	0.761				

5'	0.008	0.602	0.800	71.921	119.625	-0.145
SUM						
S1	0.003	0.658	0.000	100.000	152.650	-0.400
S2	0.006	0.708	0.000	100.000	142.419	-0.886
S3	0.006	0.733	0.000	100.000	137.431	-0.804
S4	0.006	0.722	0.000	100.000	139.576	-0.802
S5	0.006	0.696	0.000	100.000	144.949	-0.928
S6	0.006	0.668	0.000	100.000	150.849	-0.832
S7	0.006	0.654	0.000	100.000	154.305	-0.876
S8	0.006	0.640	0.000	100.000	157.805	-1.022

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.760	0.761	1.000	0.000

Air Zero Calibration, performed Thu Aug 01 06:19:46 2019:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.005		0.000		0.000	
5'	0.005		0.000		0.001	
SUM						
S1	0.003		0.000		-0.000	
S2	0.006		0.000		-0.000	
S3	0.006		0.000		-0.000	
S4	0.006		0.000		-0.000	
S5	0.006		0.000		0.000	
S6	0.005		0.000		-0.000	
S7	0.005		0.000		0.000	
S8	0.005		0.000		0.000	

Temperature Calibration Report

Serial Number: 120855
Tool Model: 2750 RBT
Performed: Mon Oct 01 11:32:15 2018

	Reference	Reading
Low Reference:	100.00 degF	112.30 degF
High Reference:	350.00 degF	394.75 degF

Gain: 0.89
Offset: 0.60
Delta Spacing 1



Company Kerr-McGee Oil & Gas Onshore, L.P.
Well JDB 15-9HZ
Field Wattenberg
County Weld
State Colorado