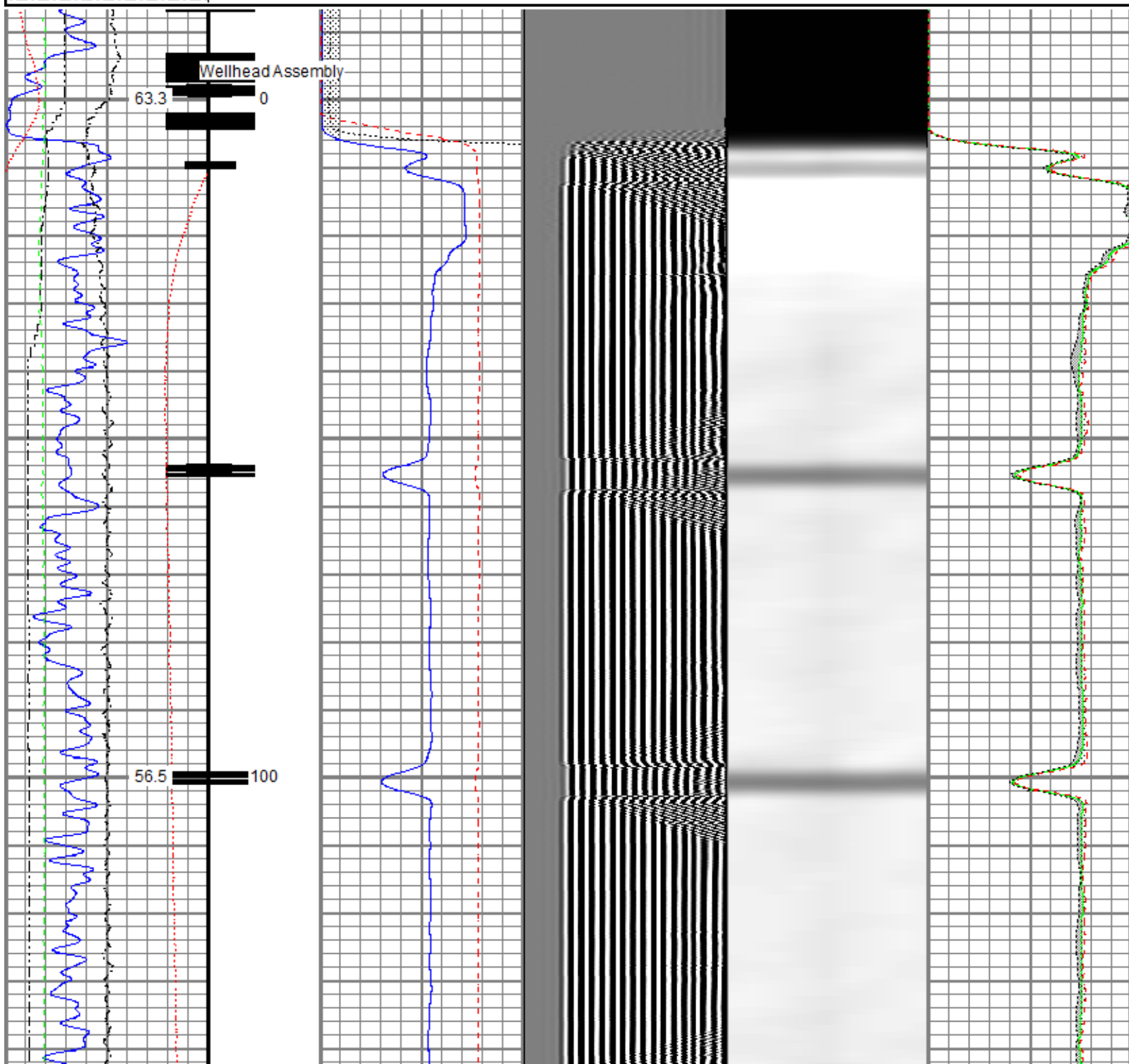
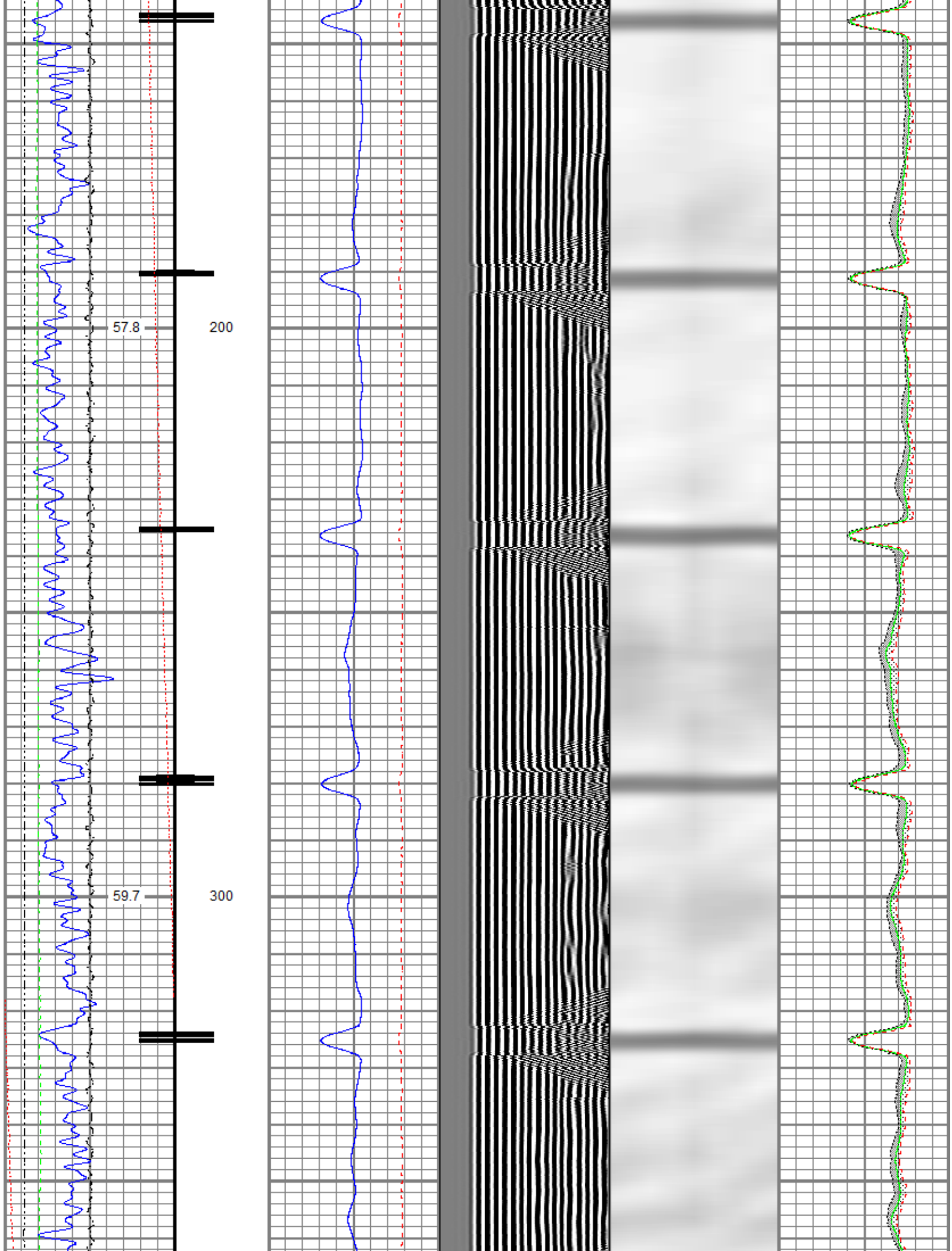


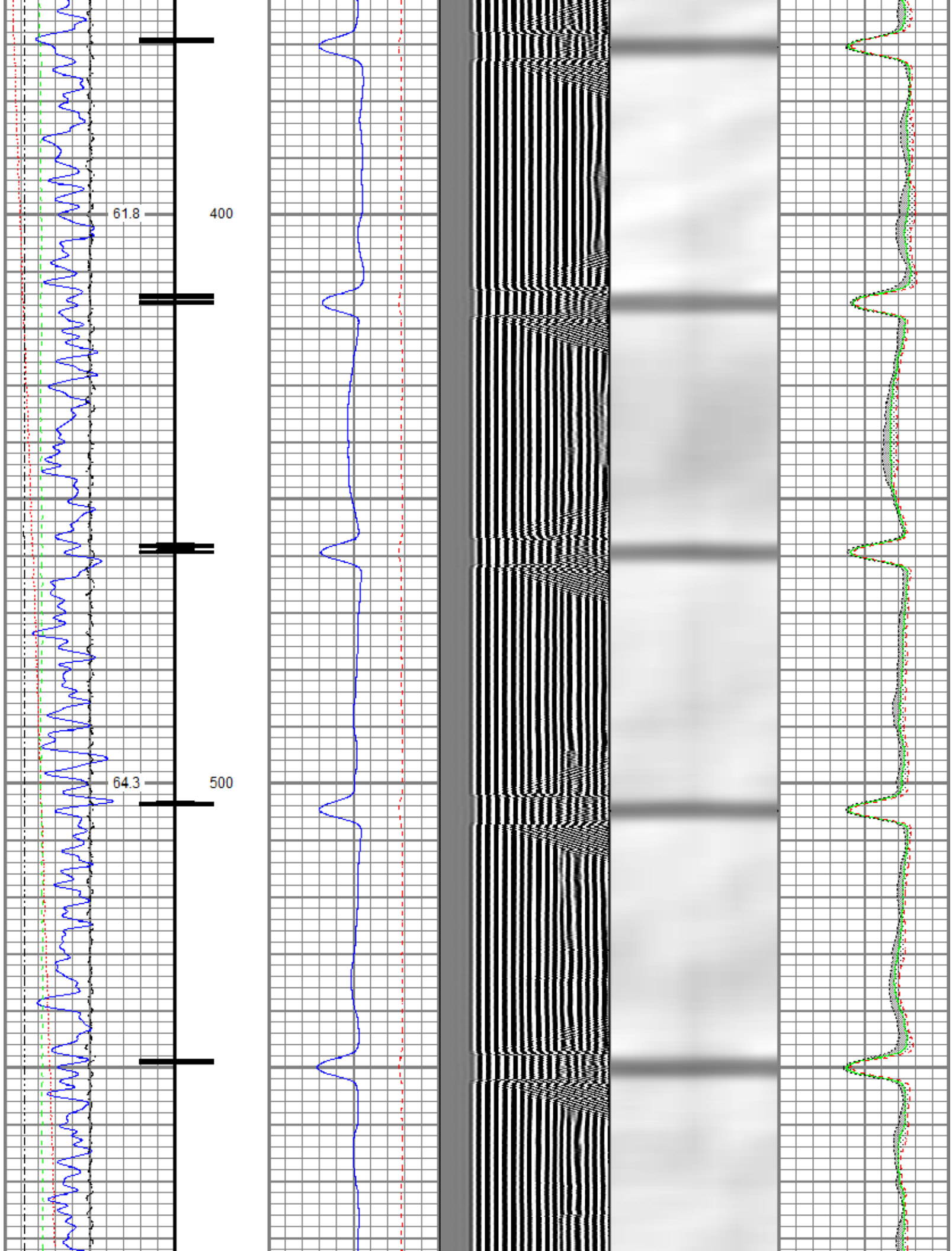
<<< Fold Here >>>
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible 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 6554 FT Adjusted -20 FT to correlate with Marker Joint Gauge Ring/Junk Basket ran to 7533 FT Retrievable Bridge Plug set at 6628 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!!

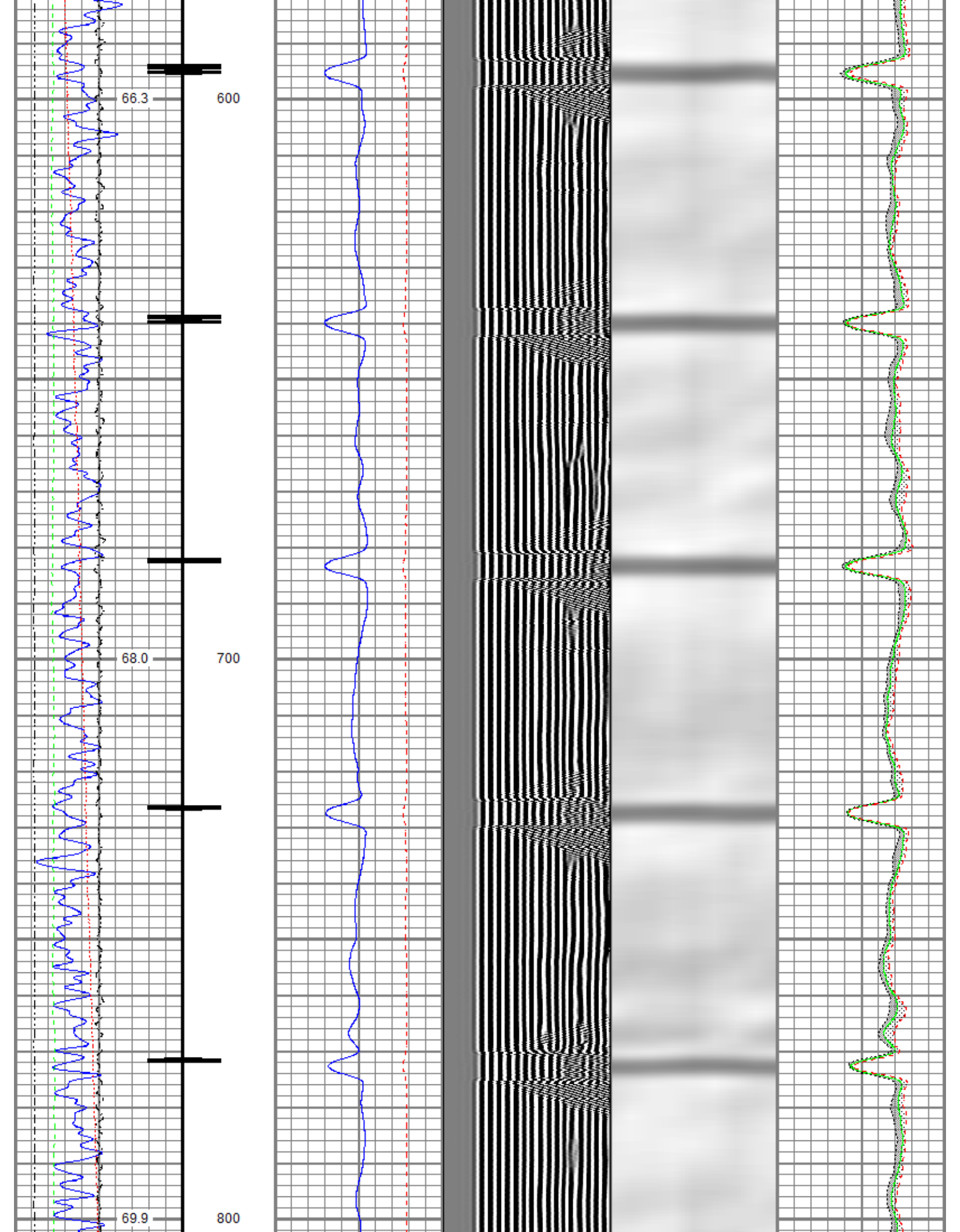
Database File	oxy\0506906514_oxy_jodster north 25-4hz_rbl_02-11-20\processed_0506906514_oxy_jodster north 25-4hz_rbl_02-11-20.db
Dataset Pathname	rcbl/pass4.2
Presentation Format	ros_radri
Dataset Creation	Wed Feb 12 16:47:52 2020
Charted by	Depth in Feet scaled 1:240

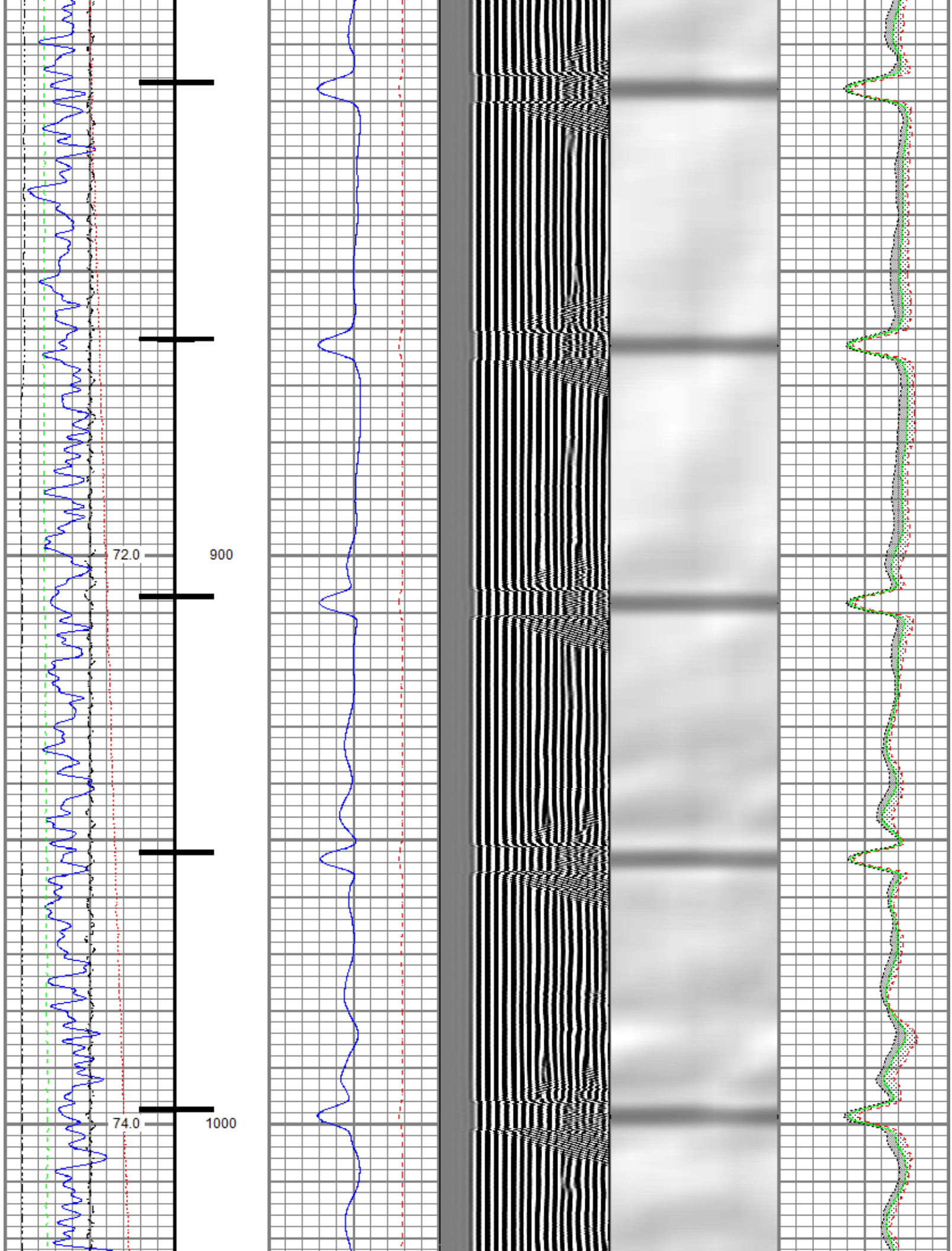
Gamma Ray	0	3' Amplitude (mV)	100	5' Variable Density Log	Sector Map	0	Average Amplitude	100
(GAPI)	120	3' Amplitude x 5	200	(usec)	1200		Minimum Amplitude	
Casing Collar Locator		0	(mV)	20		0		100
0 Temperature (degF)	20	3' Travel Time					Maximum Amplitude	
Line Speed		650	(usec)	150		0		100
-150 (ft/min)	150							
0 Line Tension (lb)	2000							
Differential Temperature								
-2 (degF)	2							

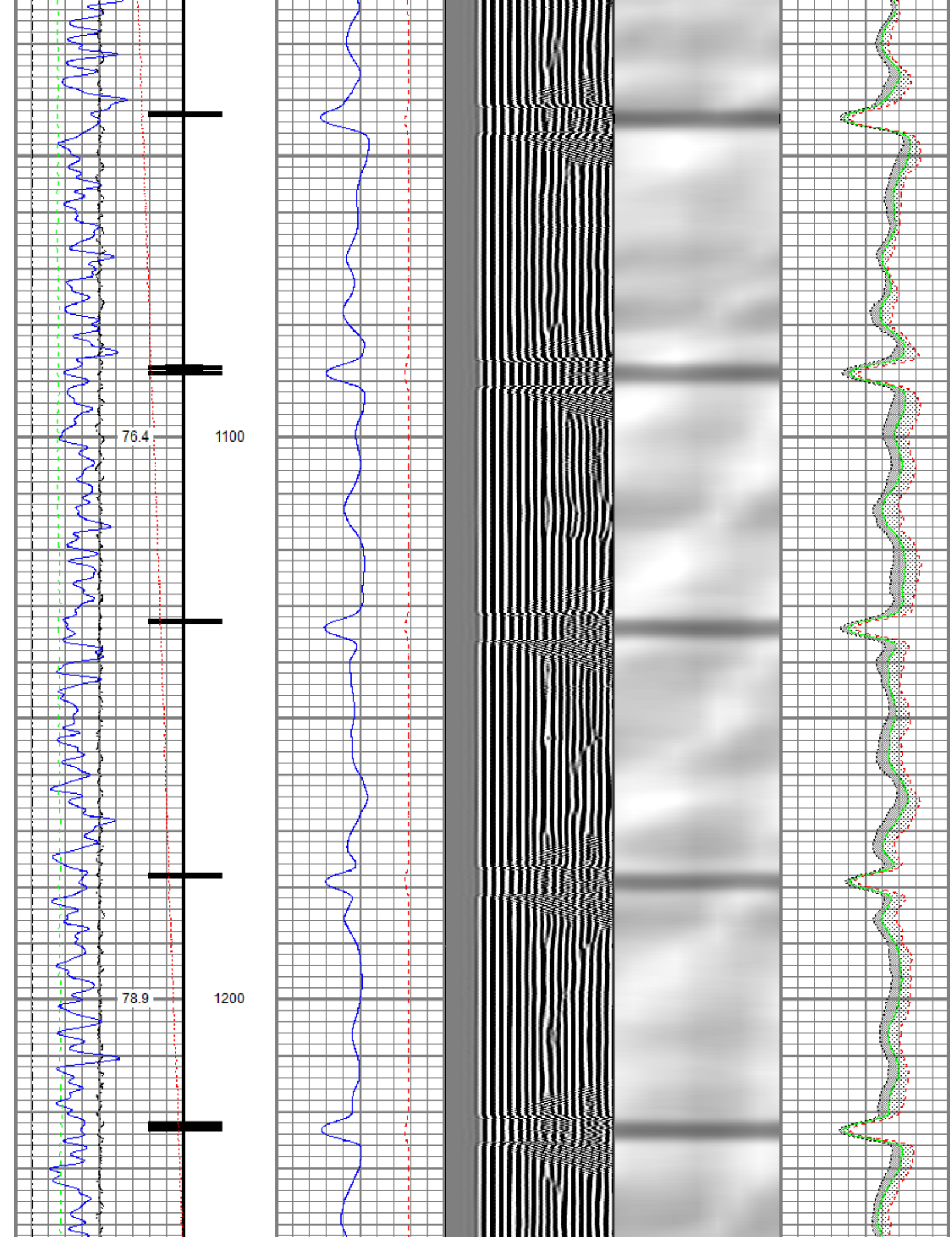


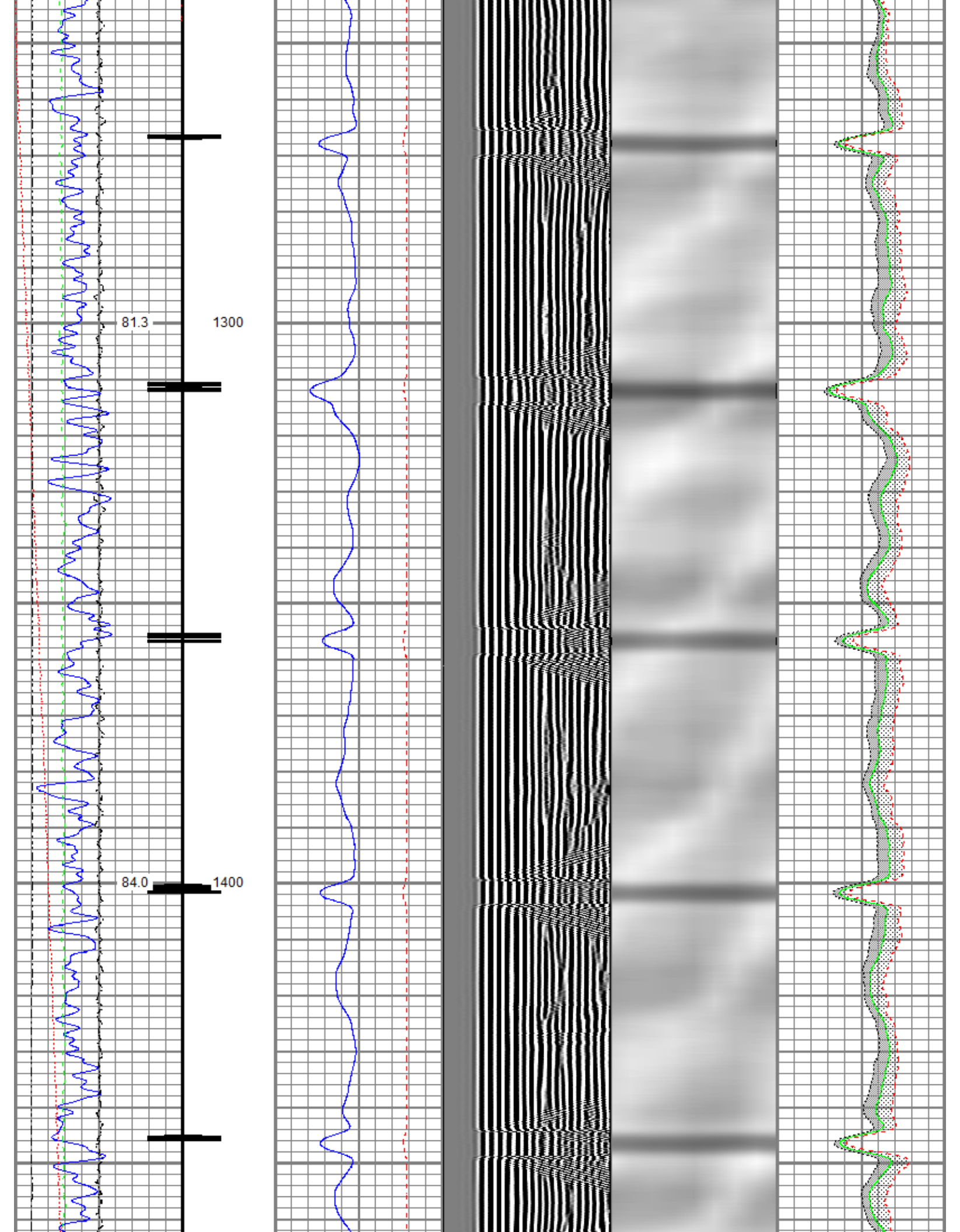


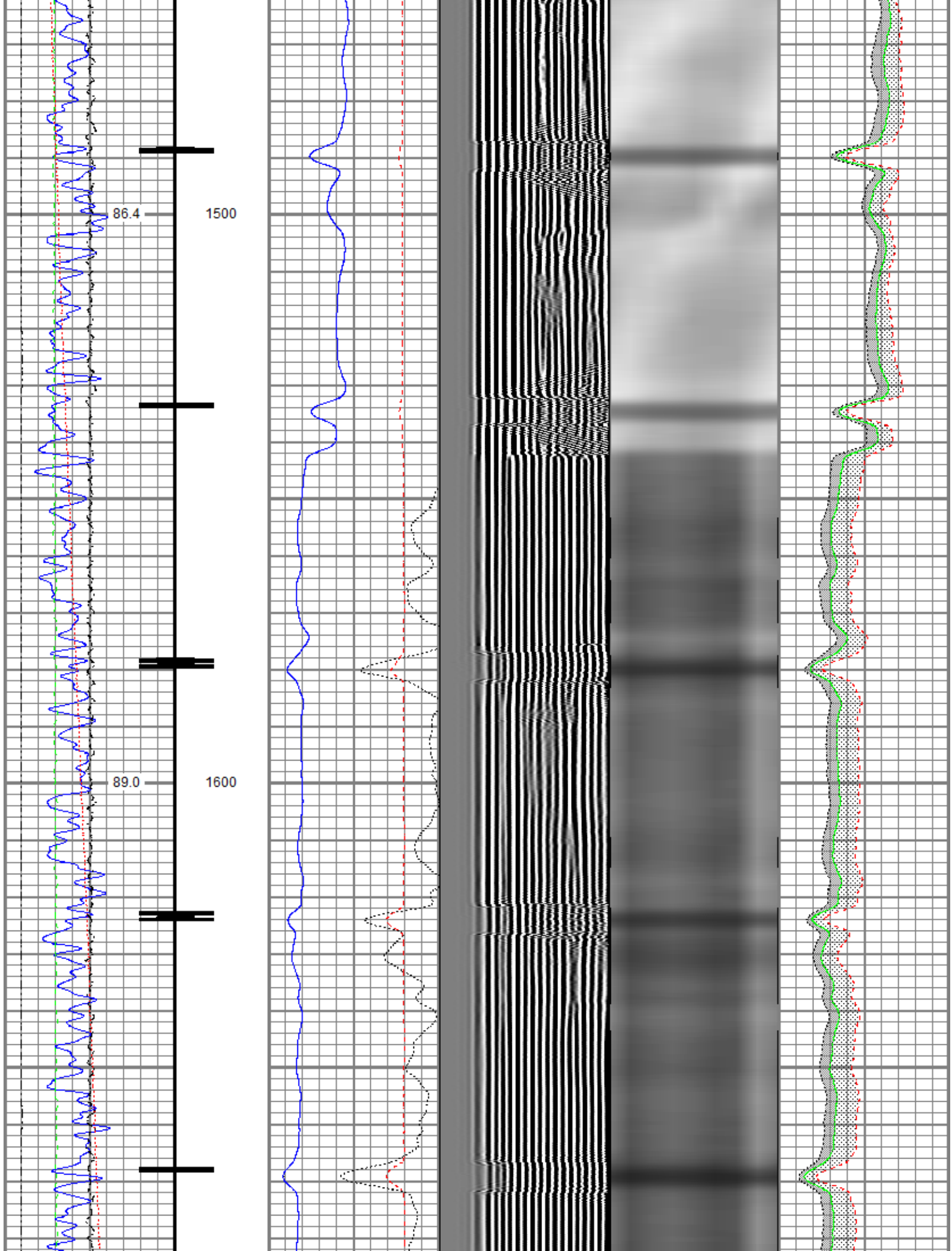


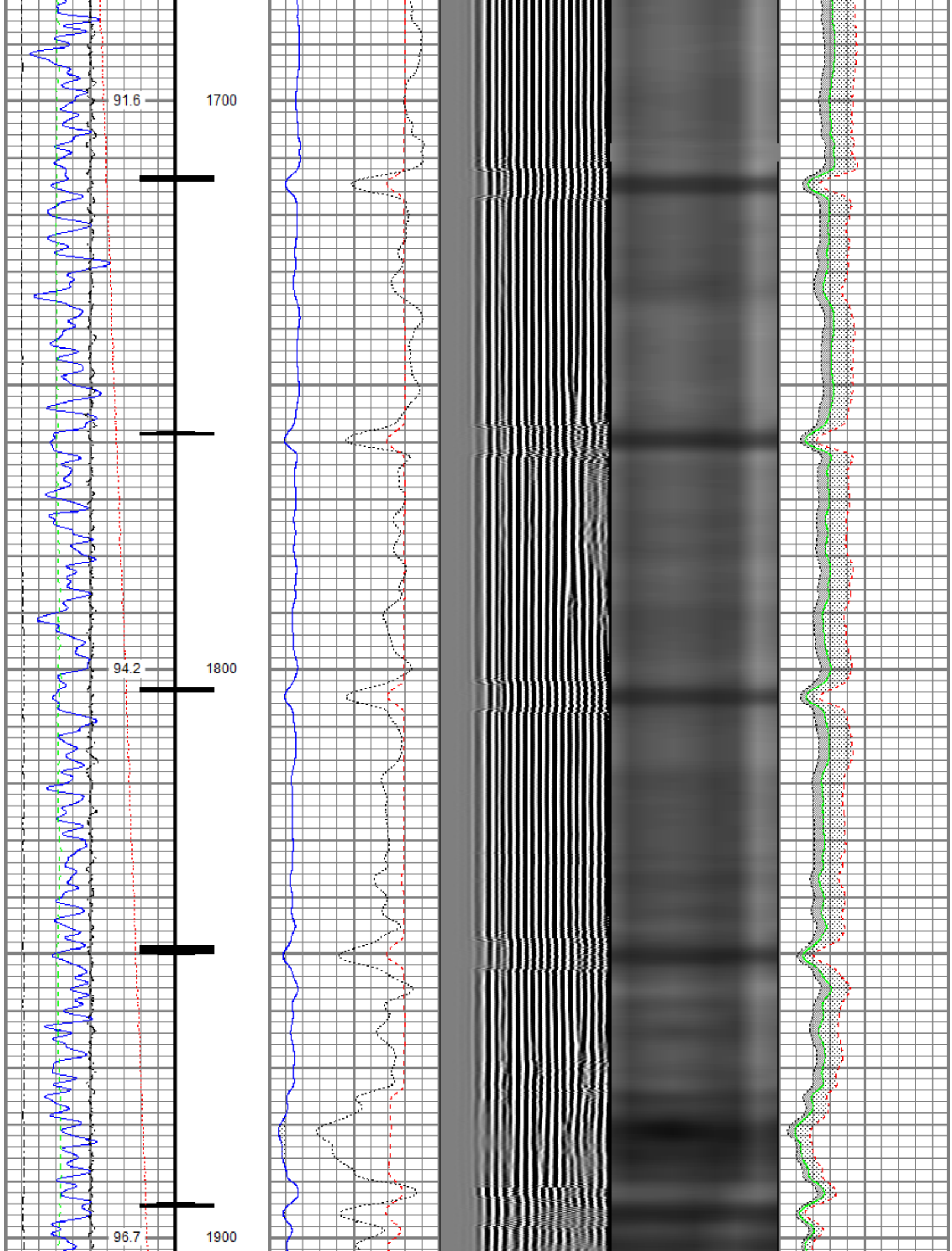


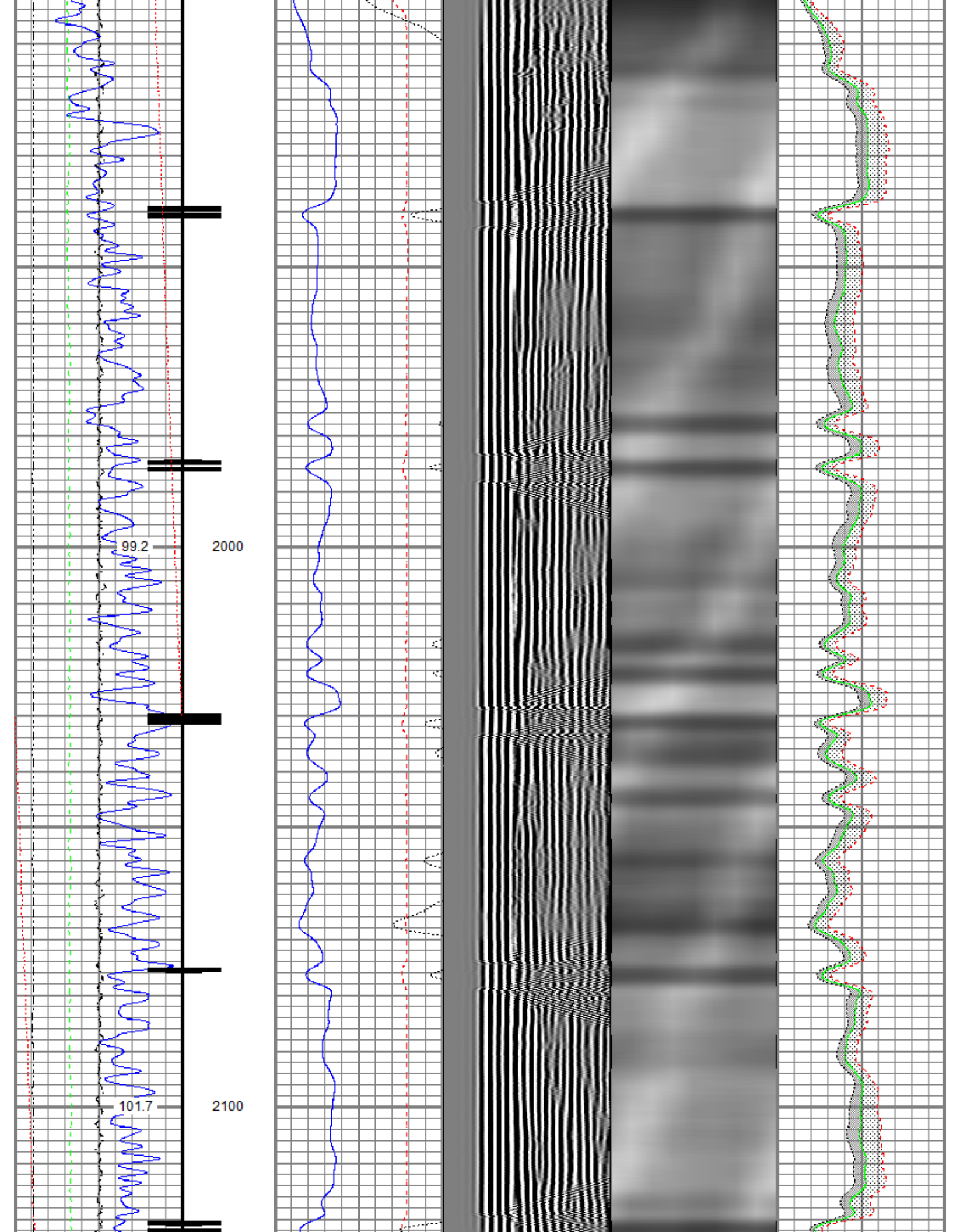


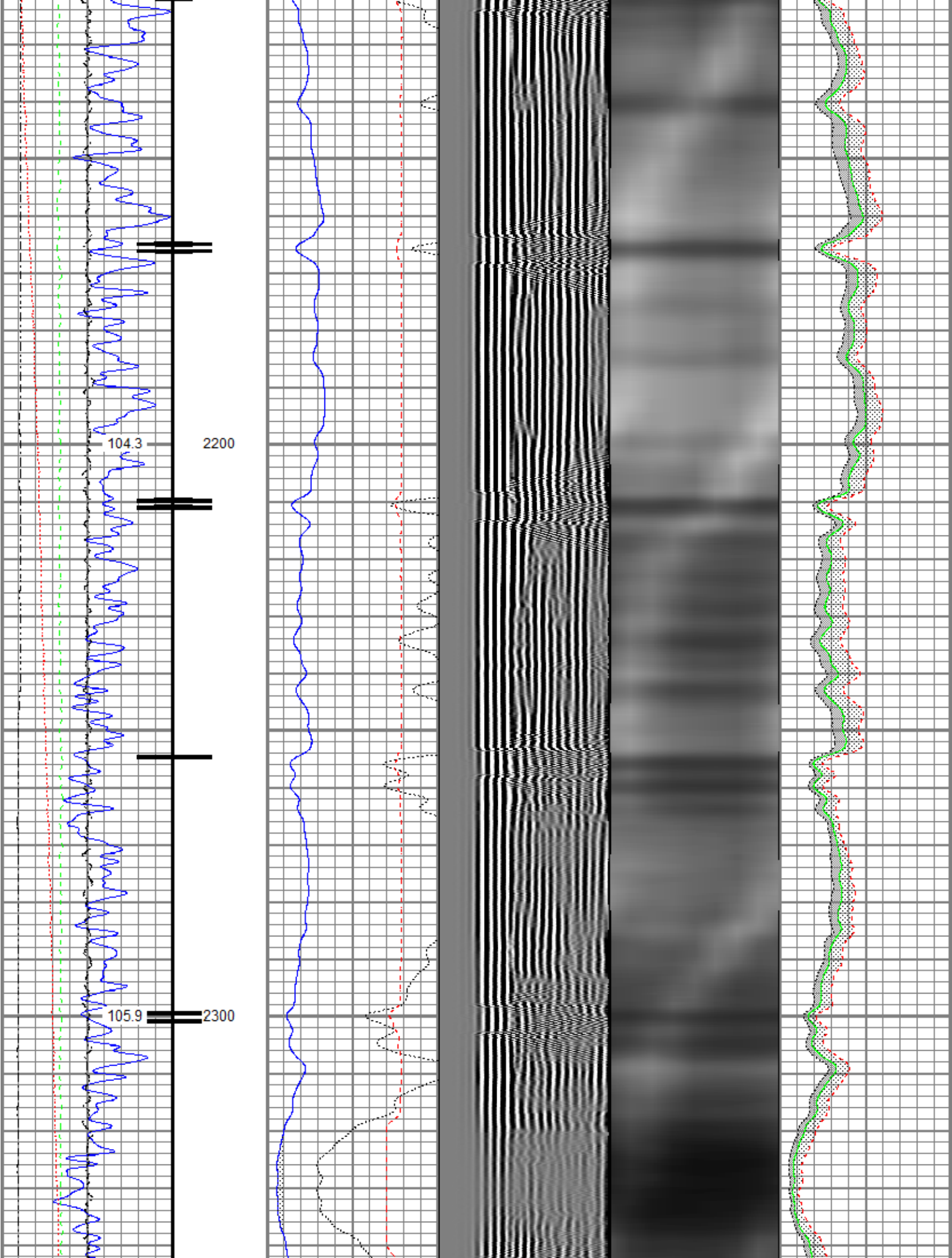


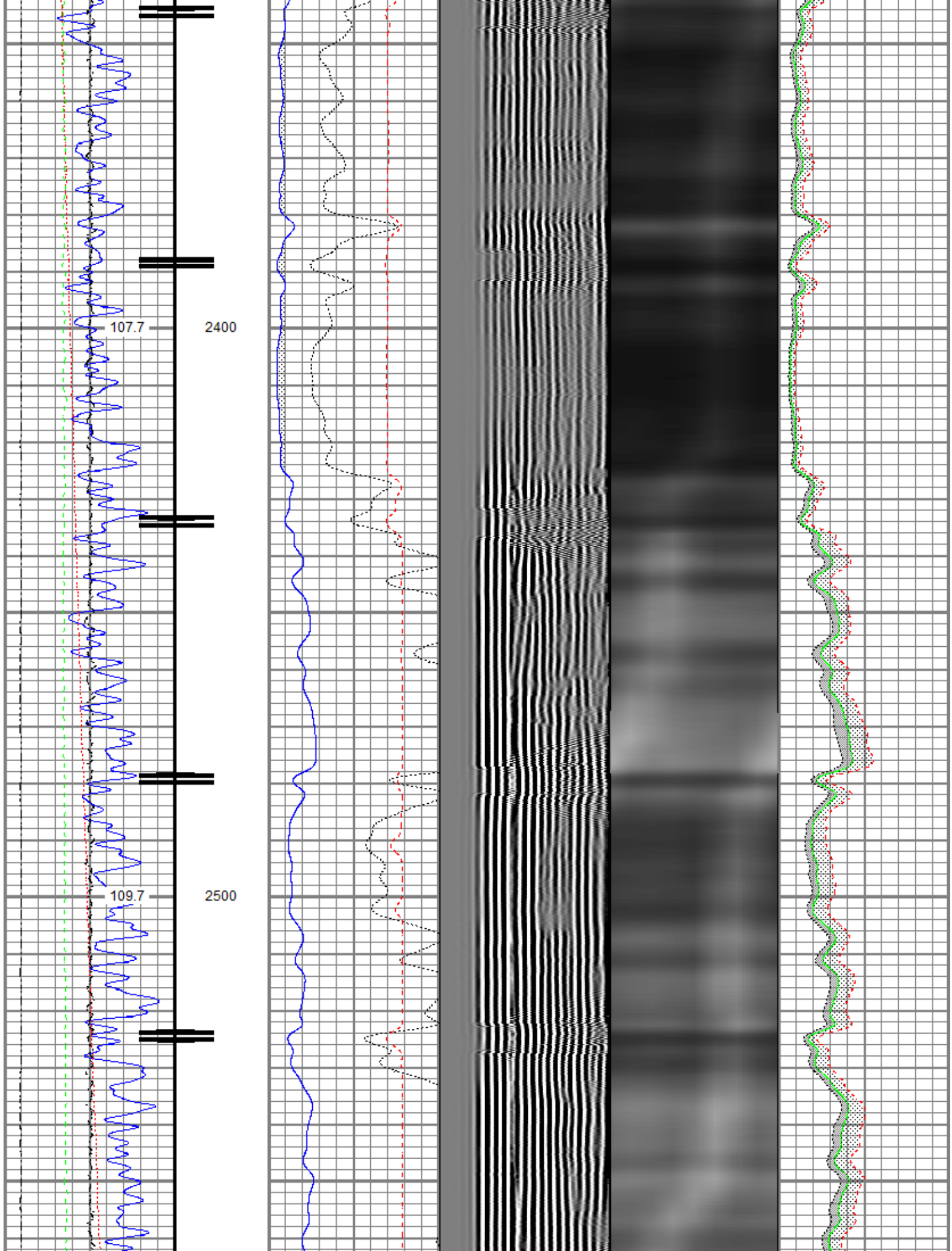


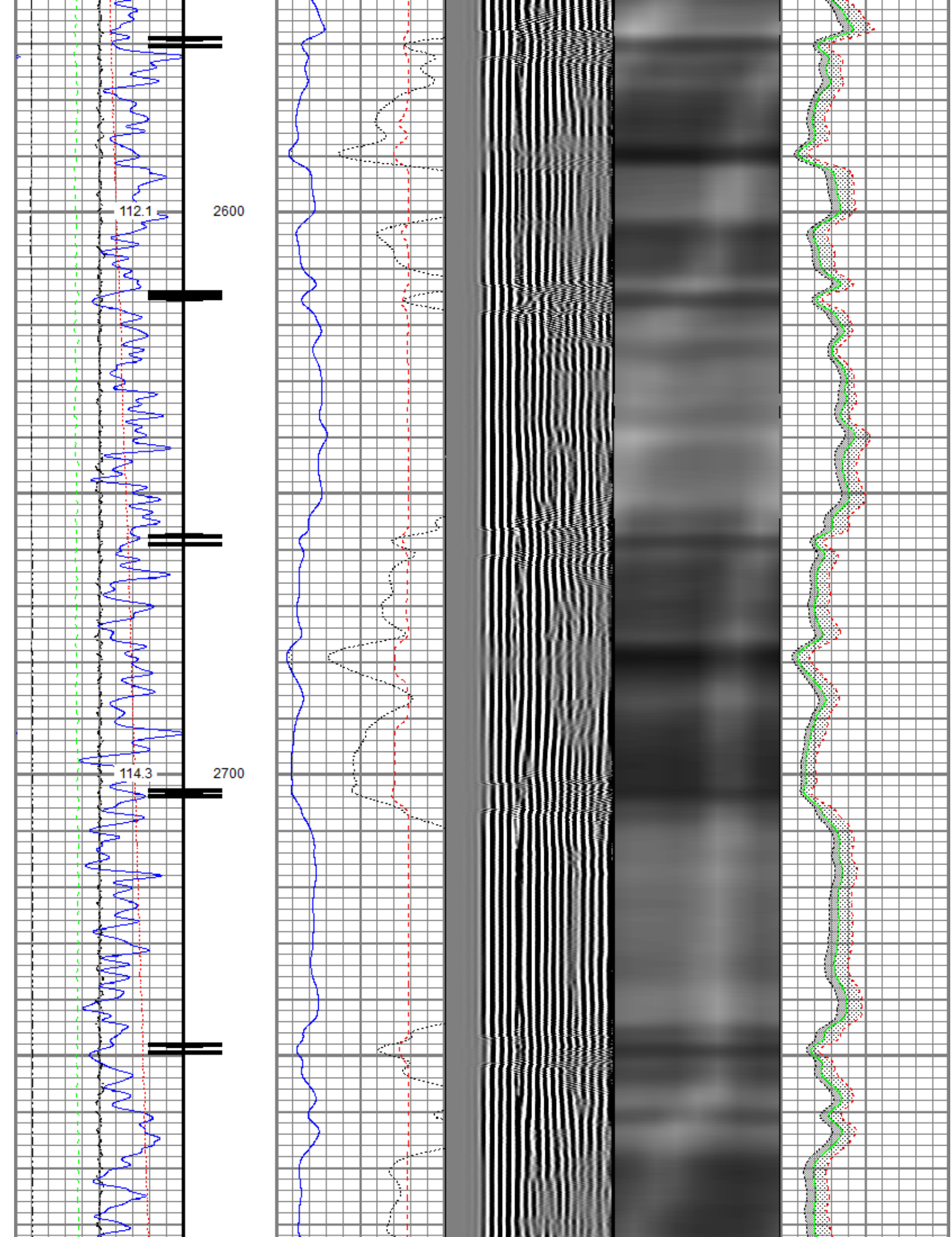


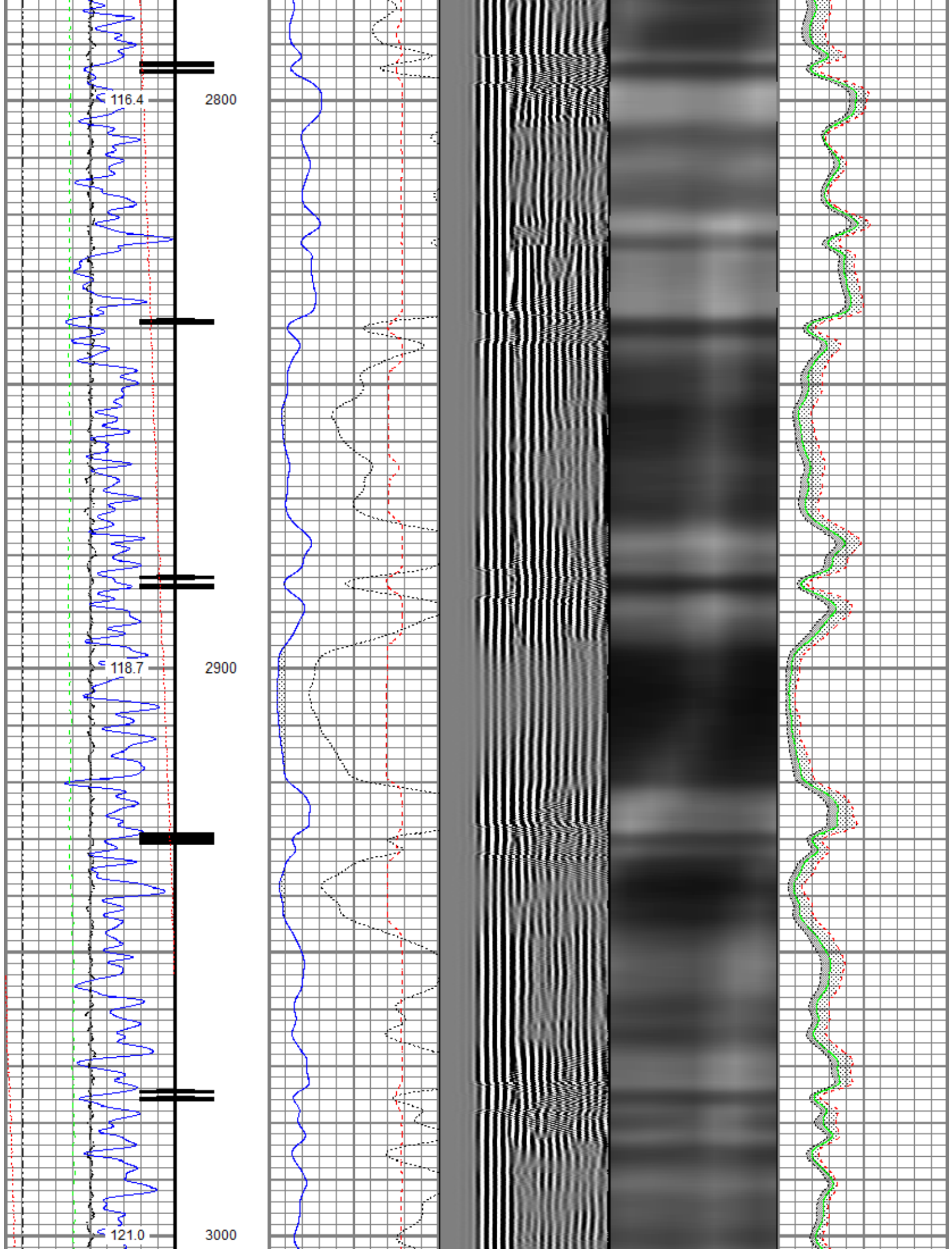


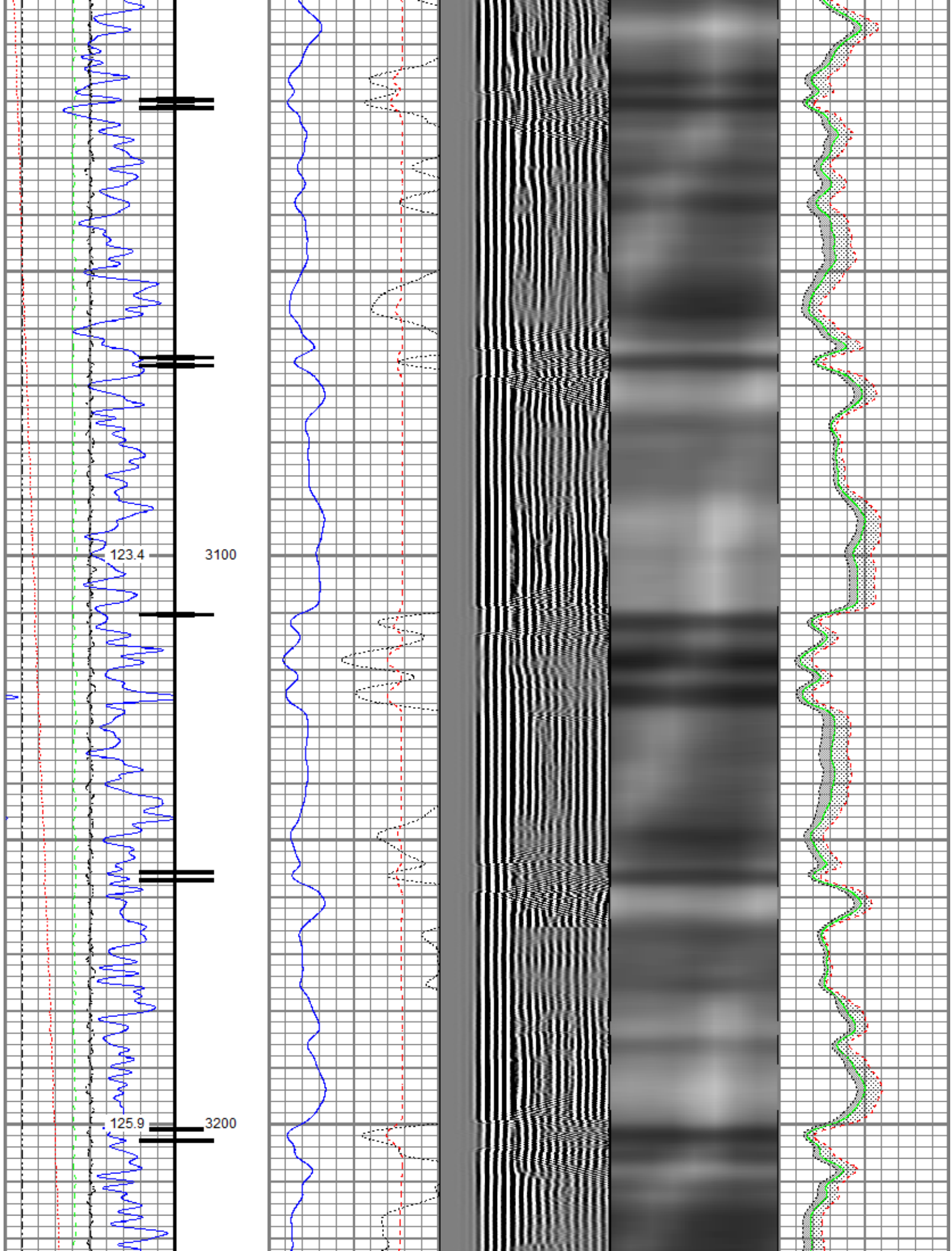


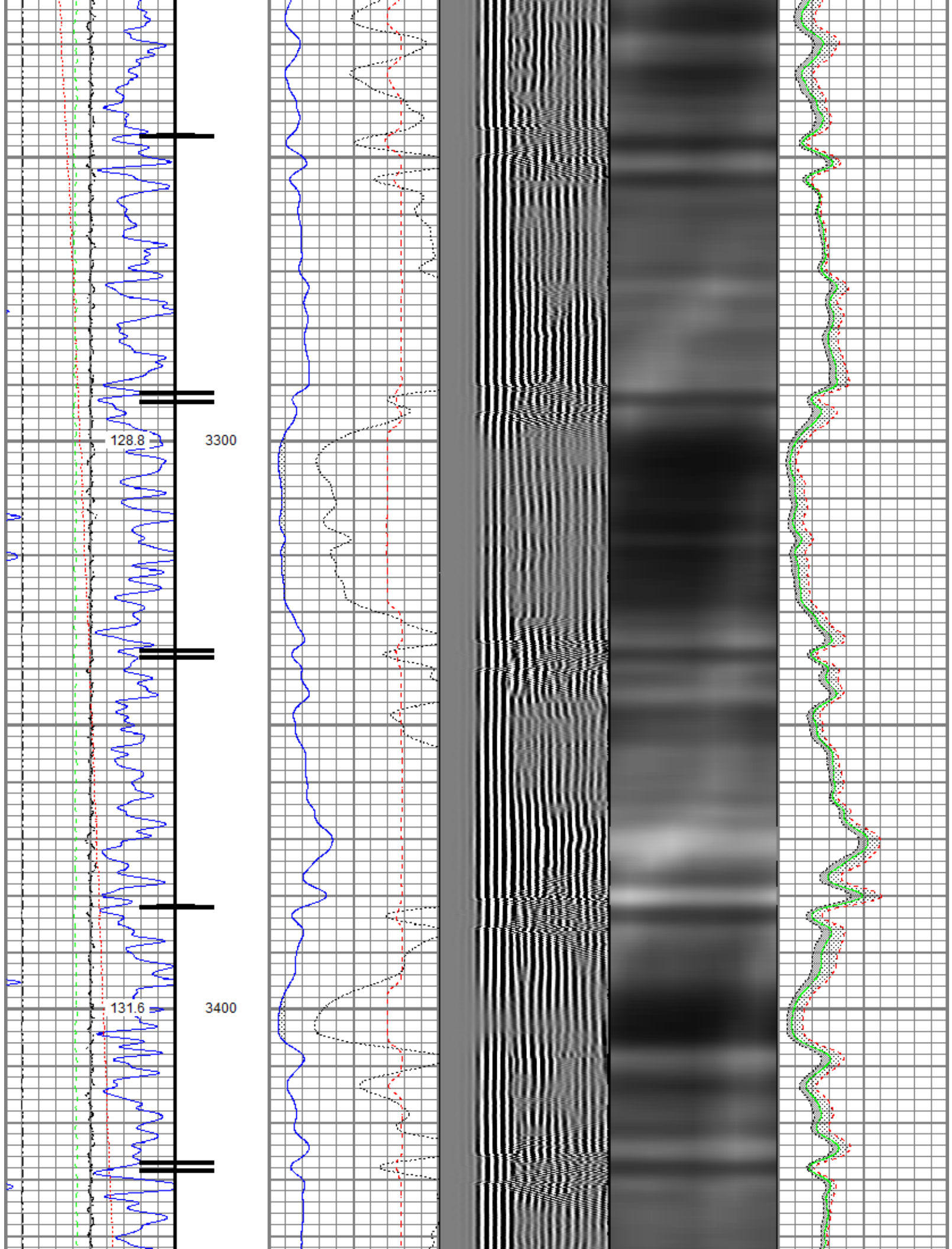


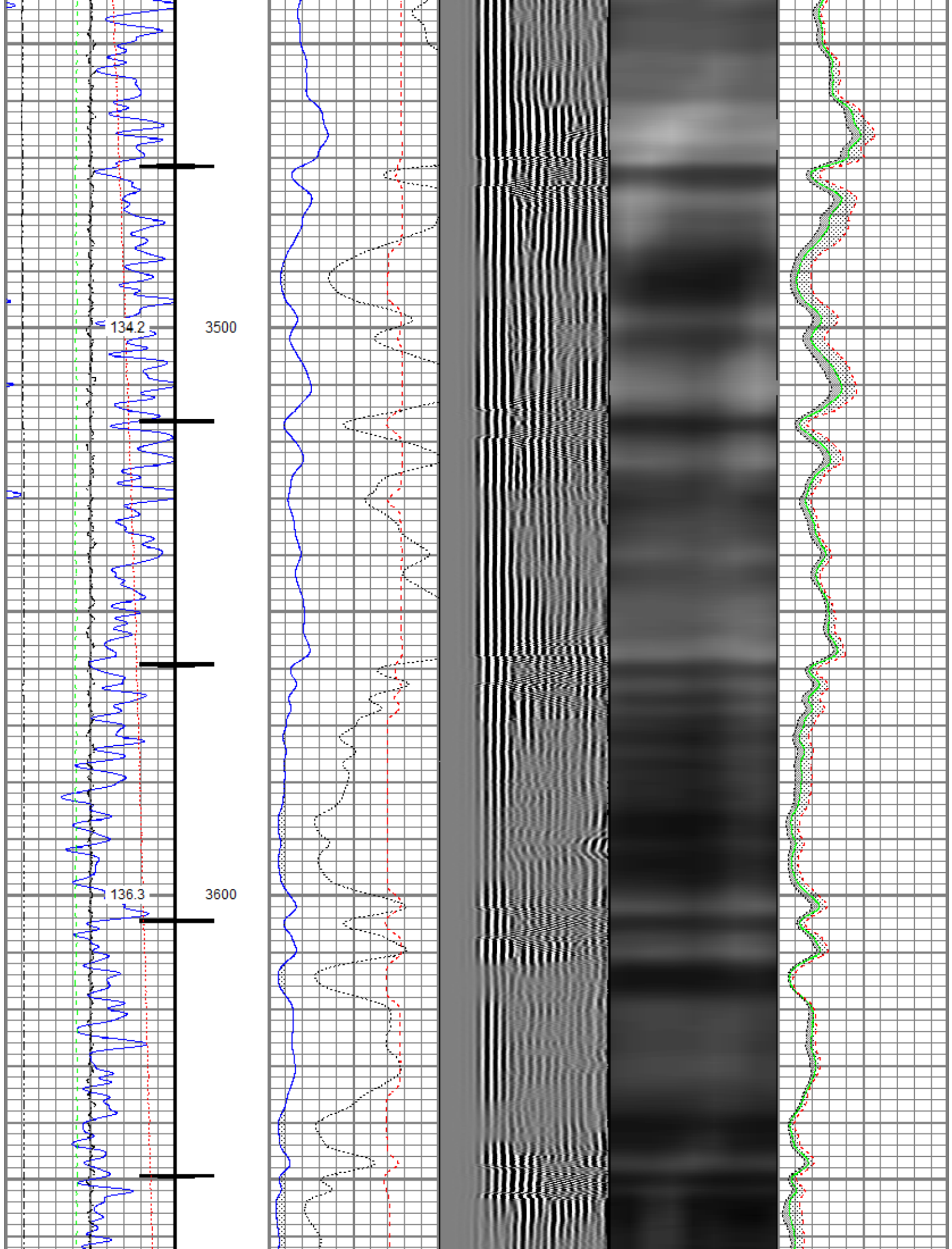


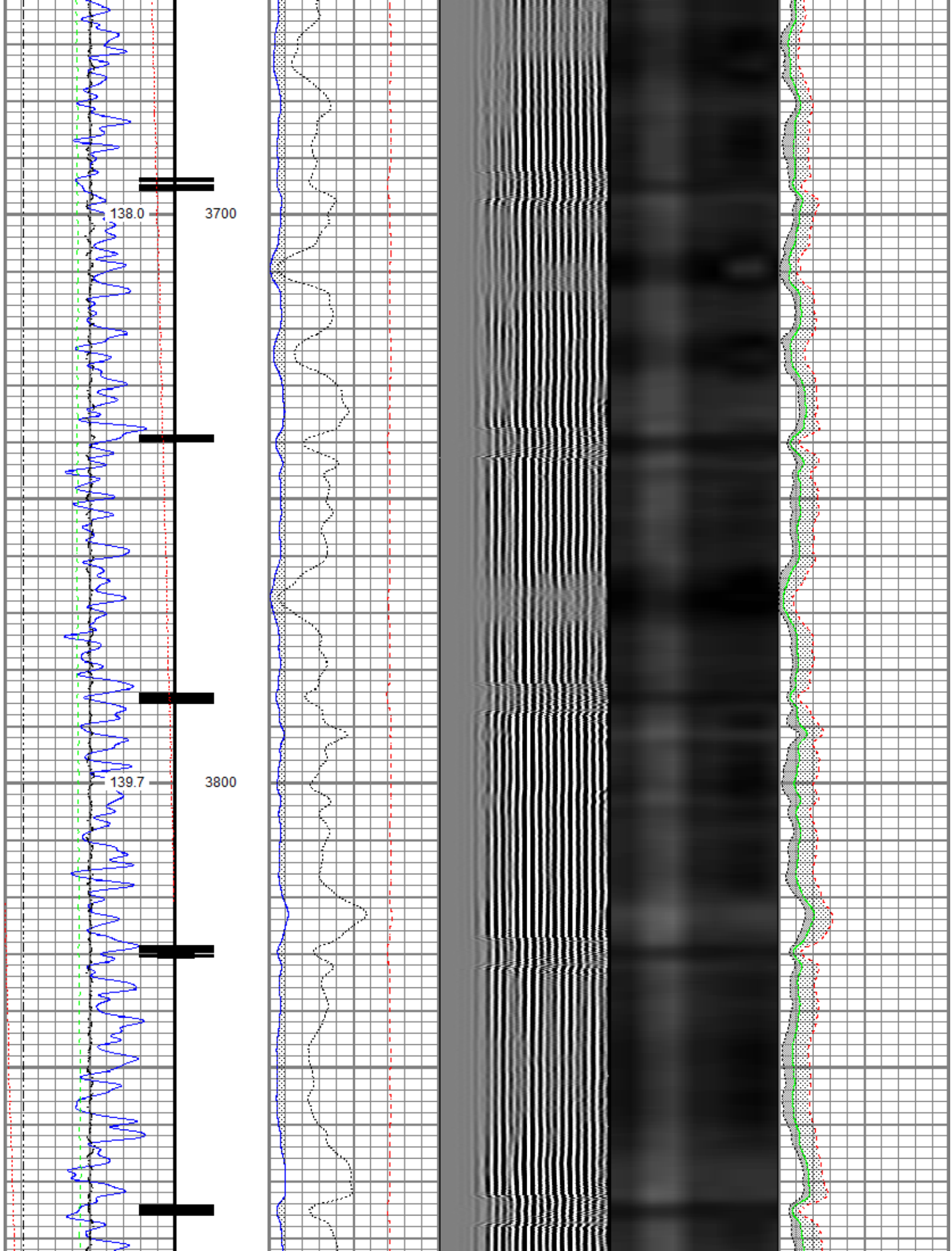


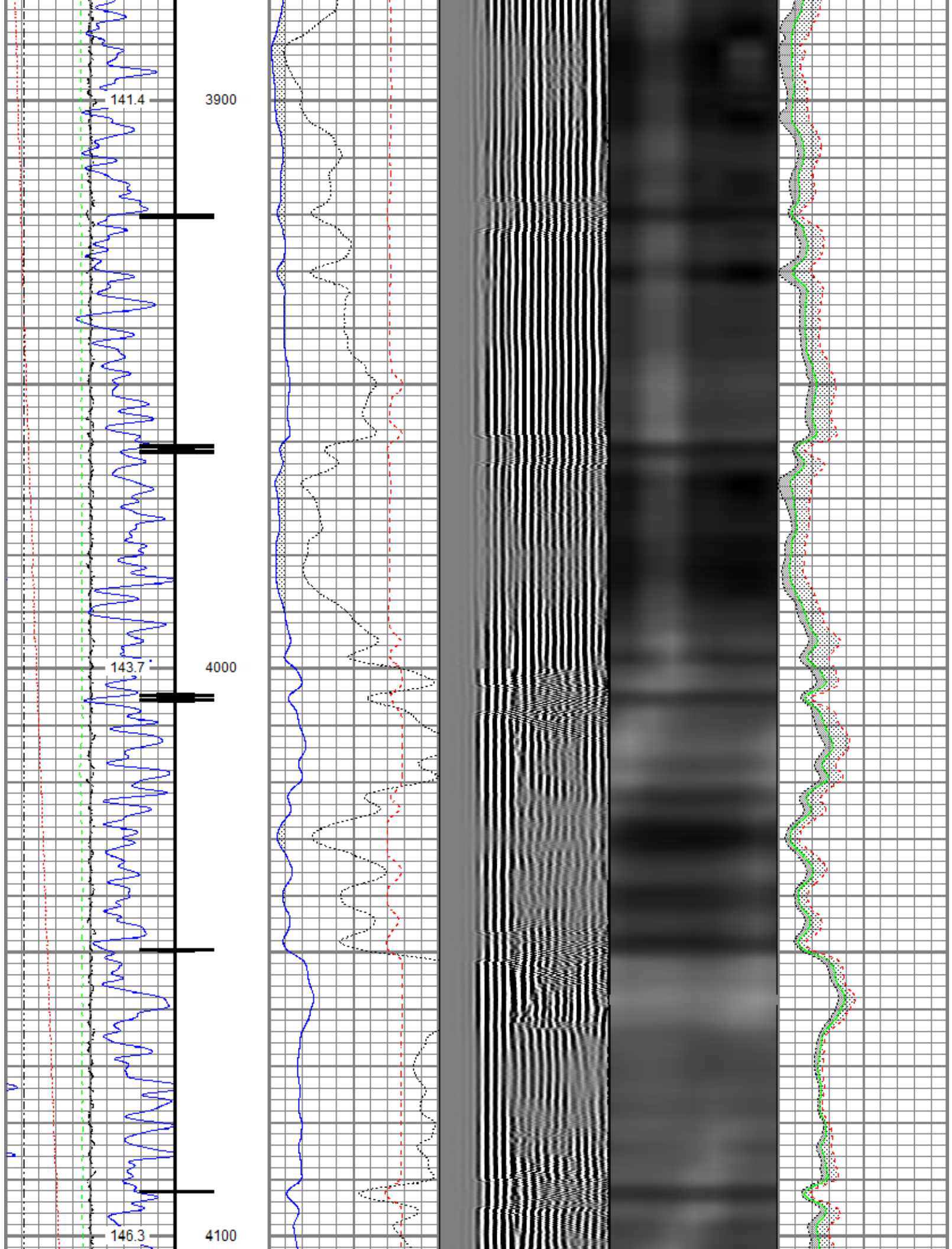


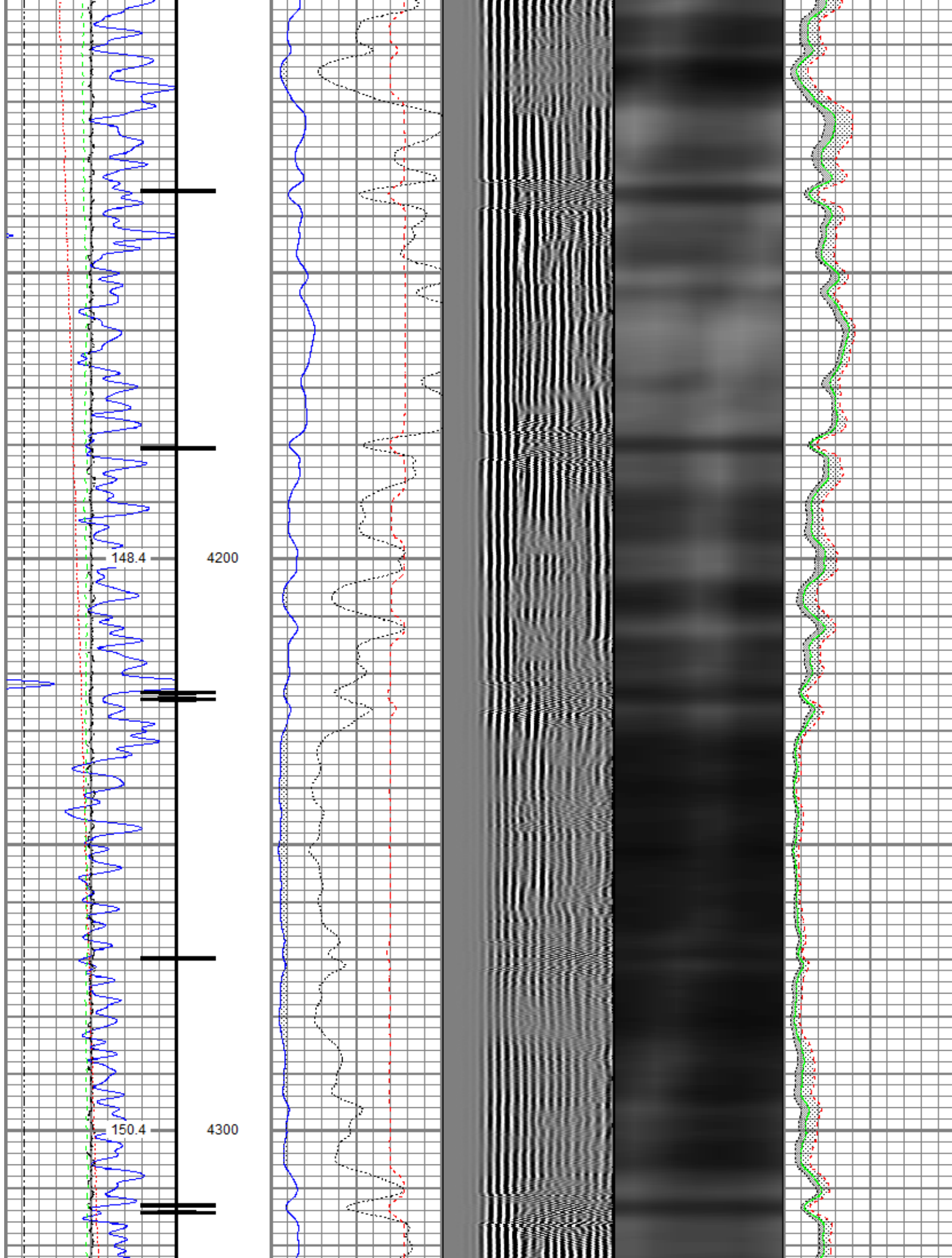


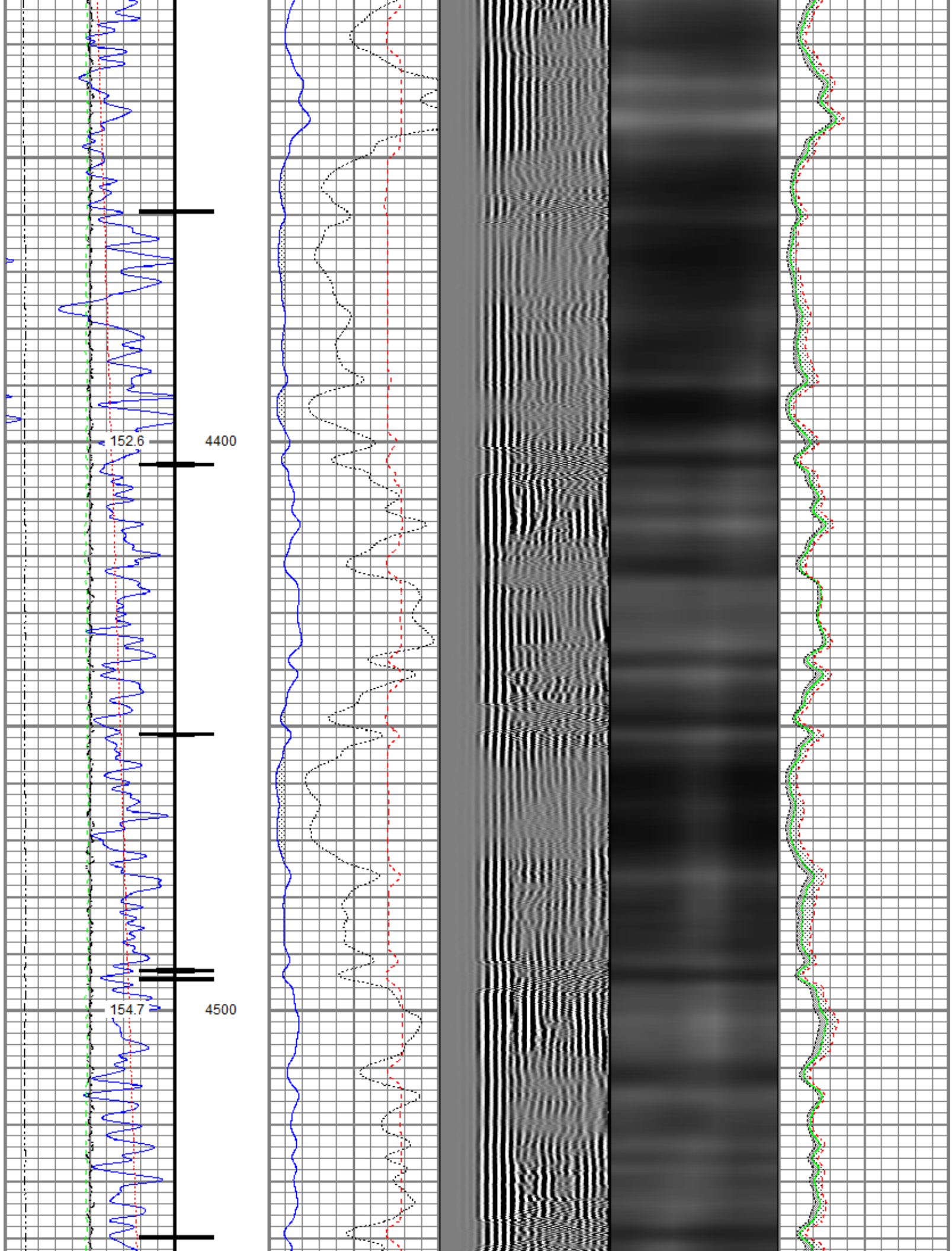


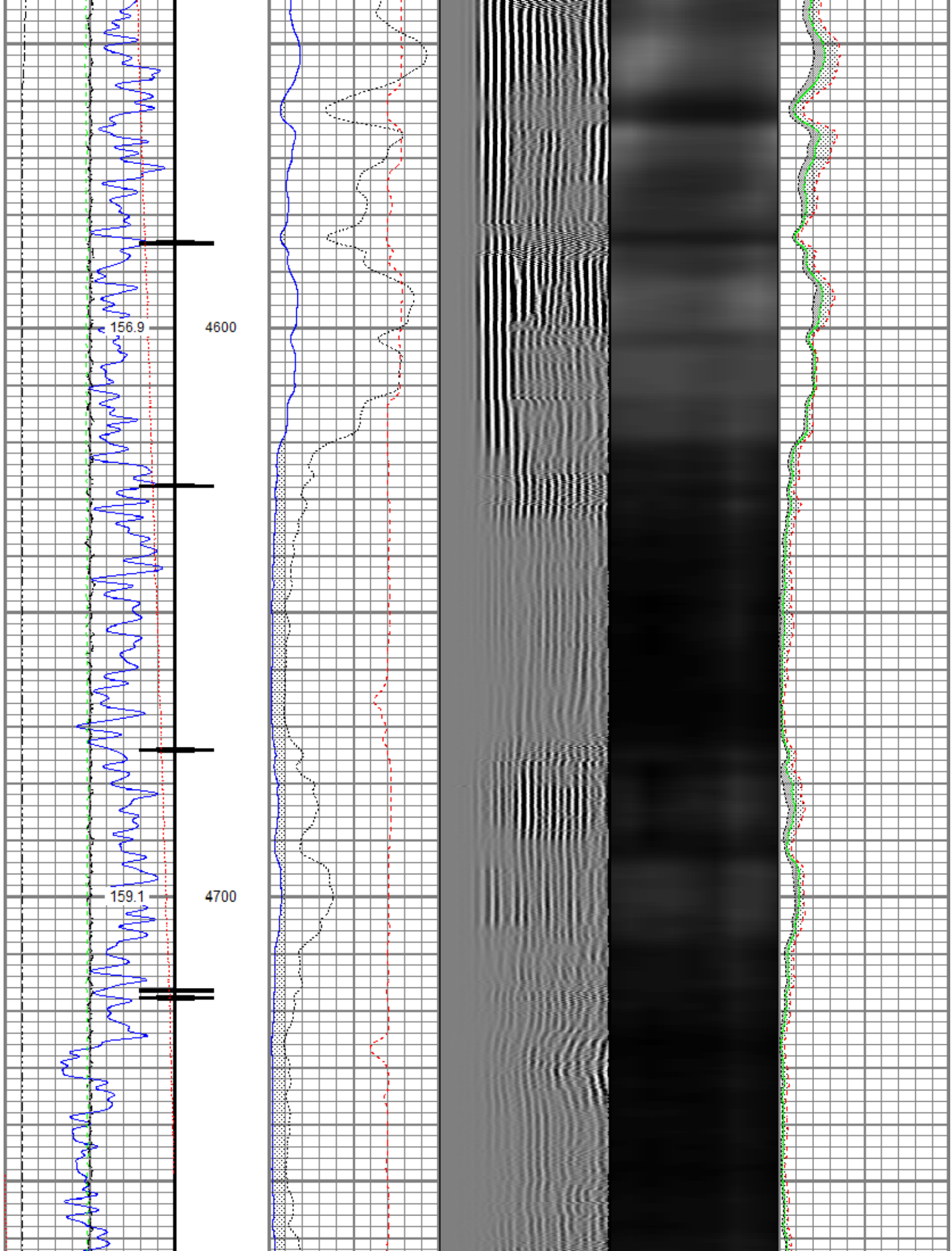


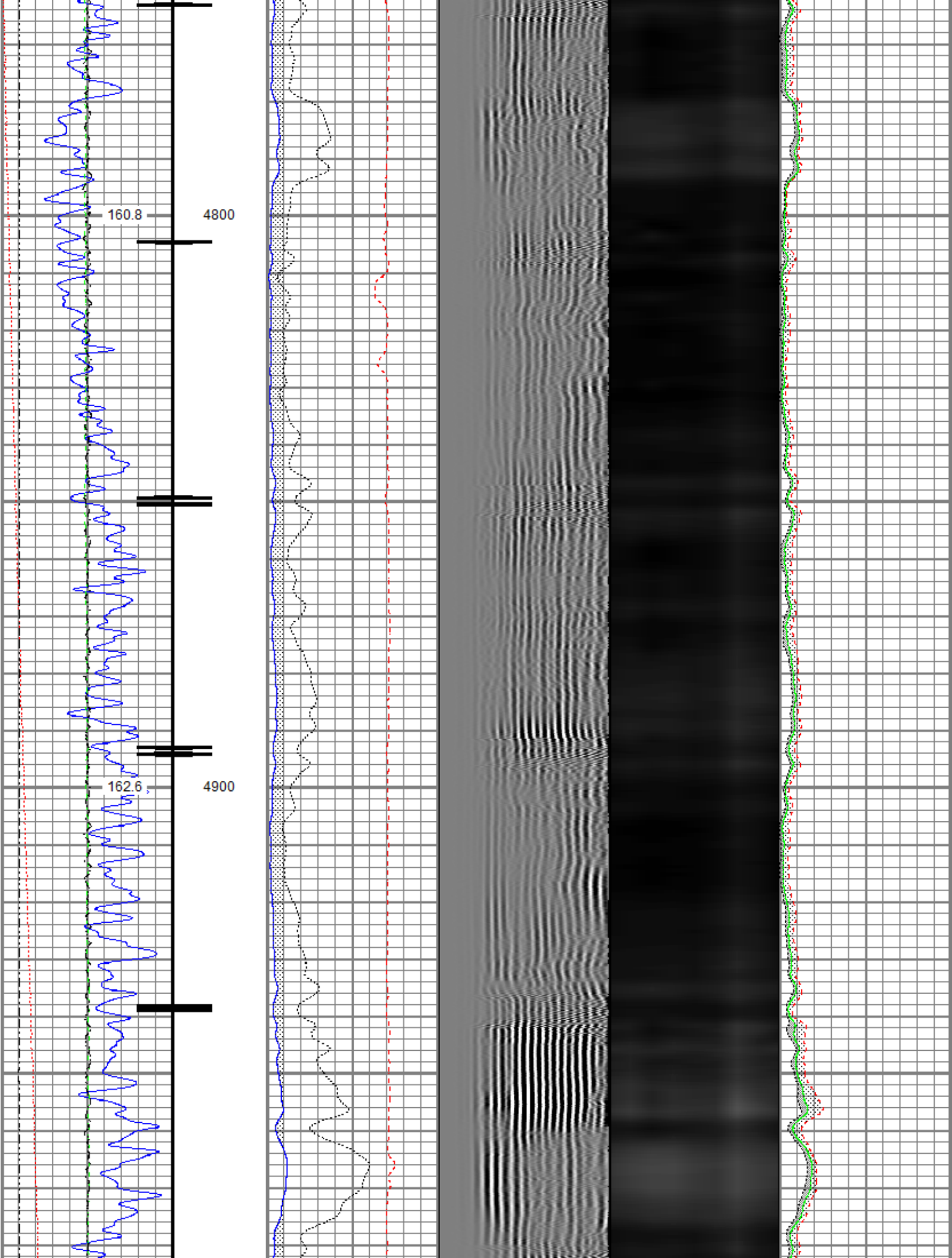


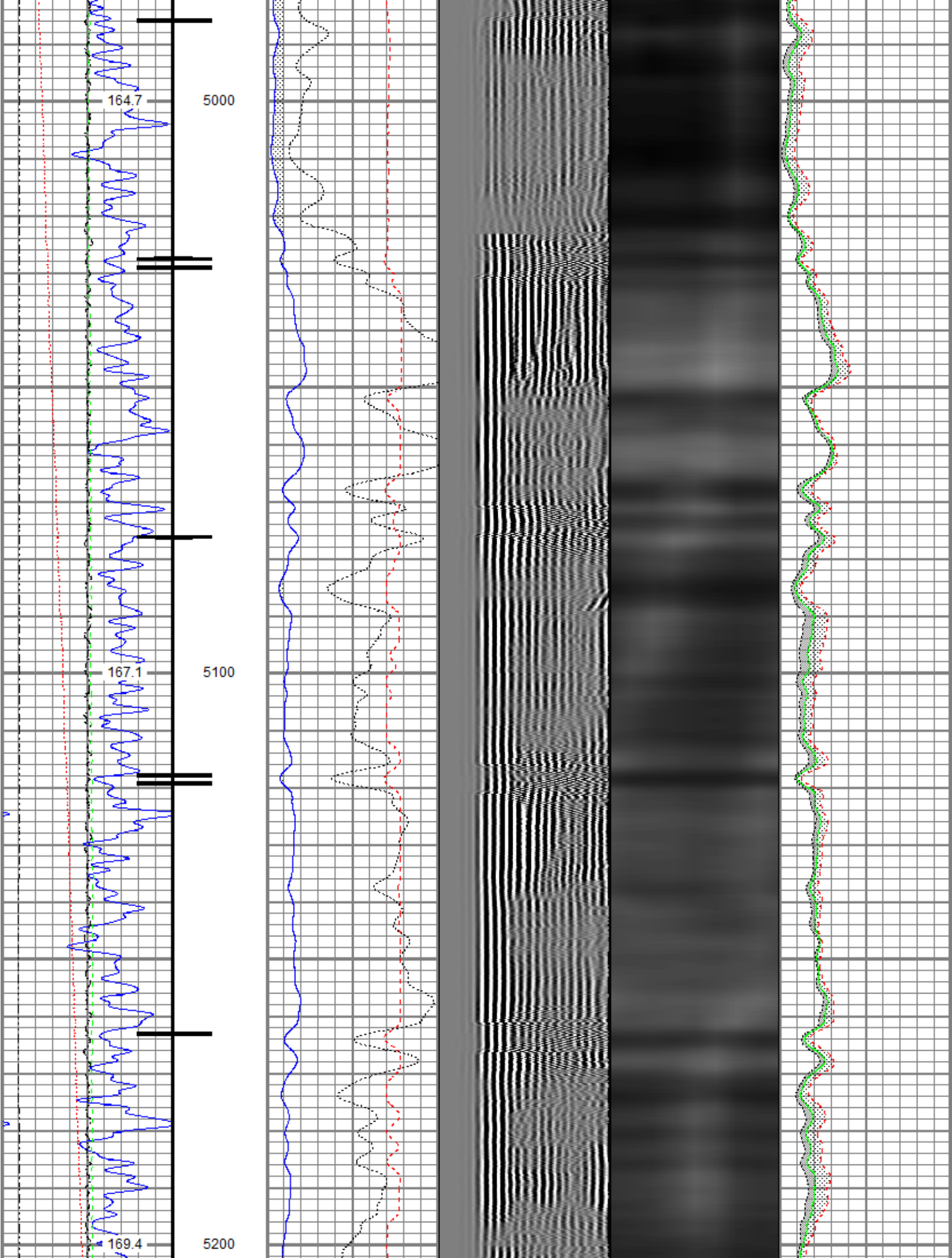


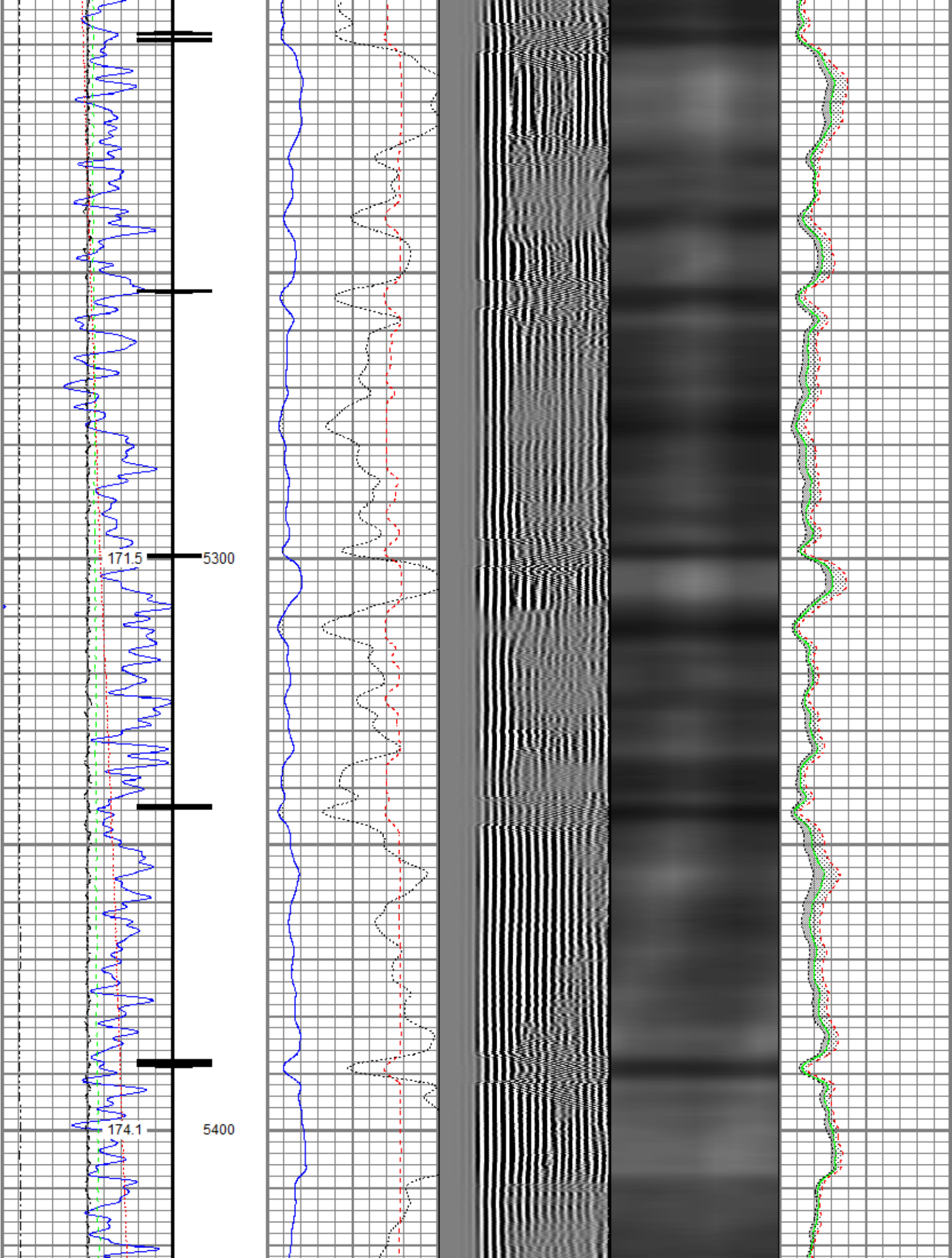


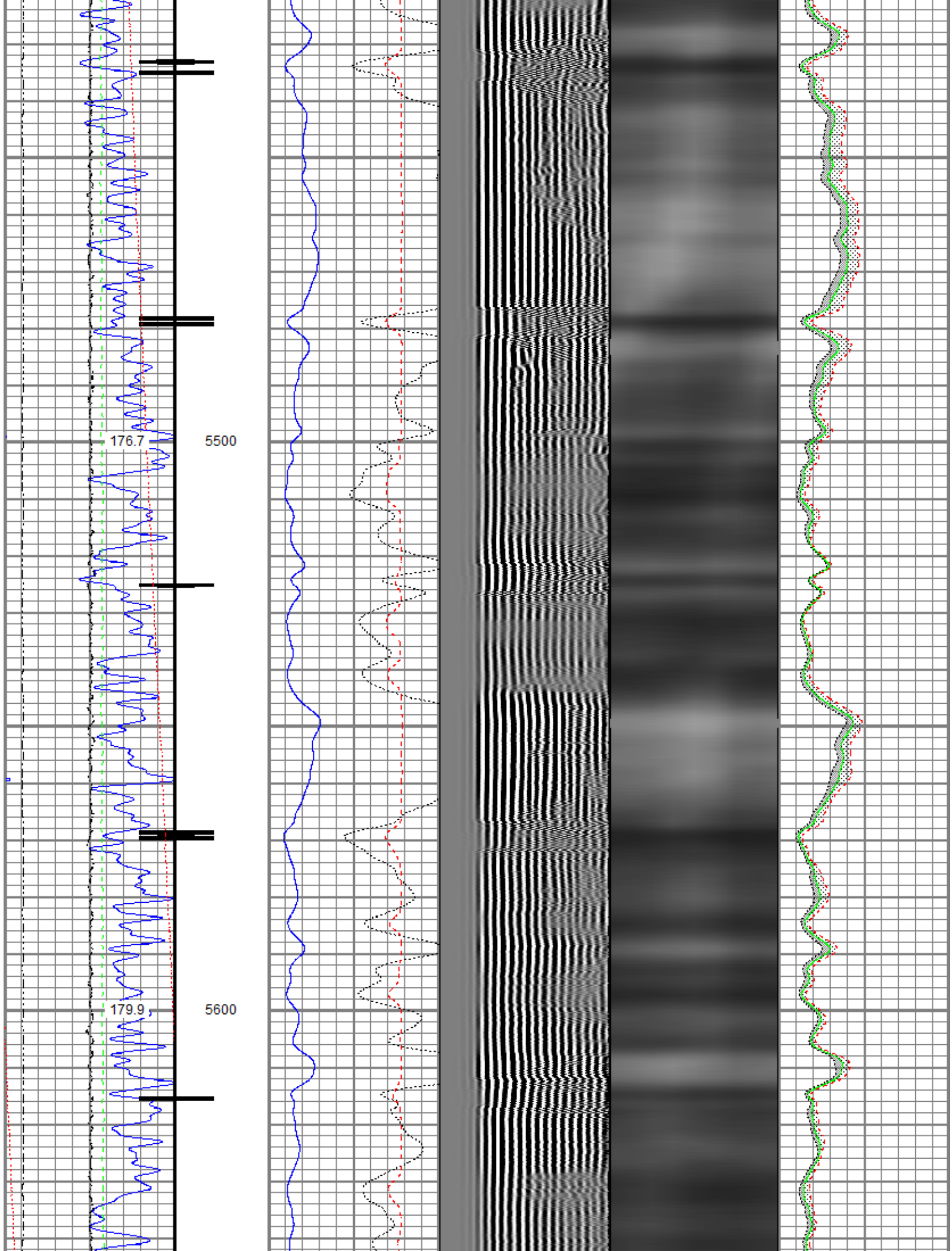


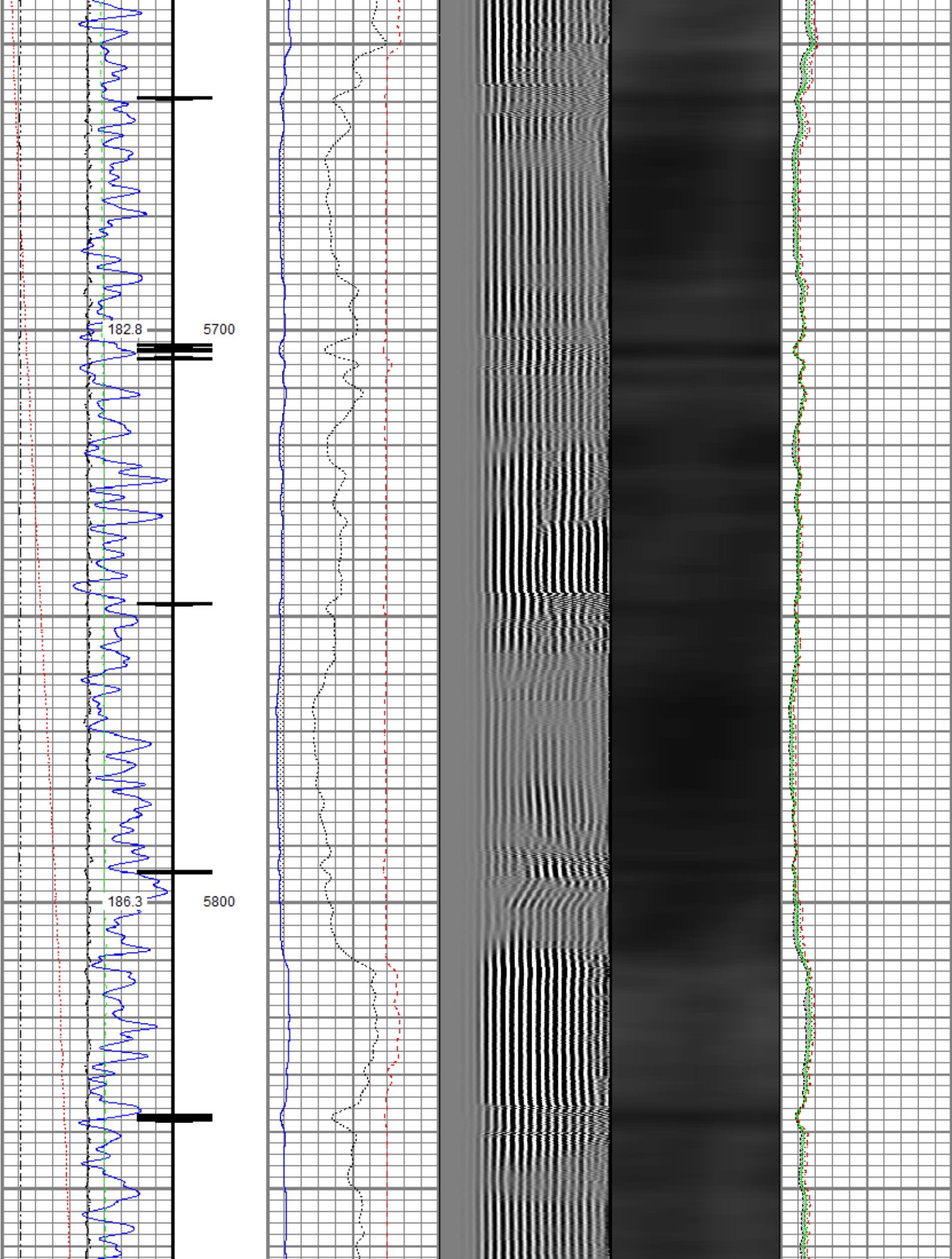


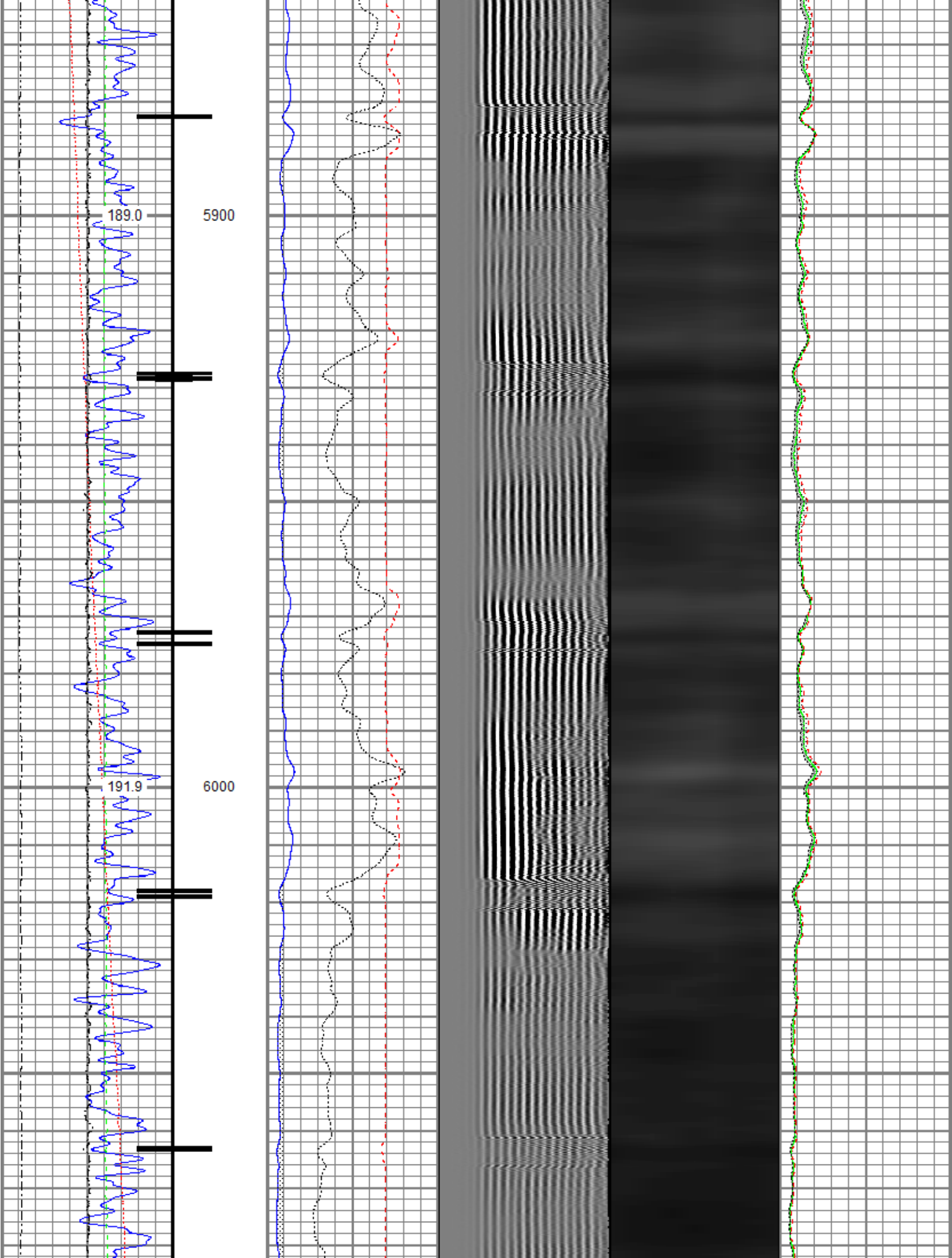


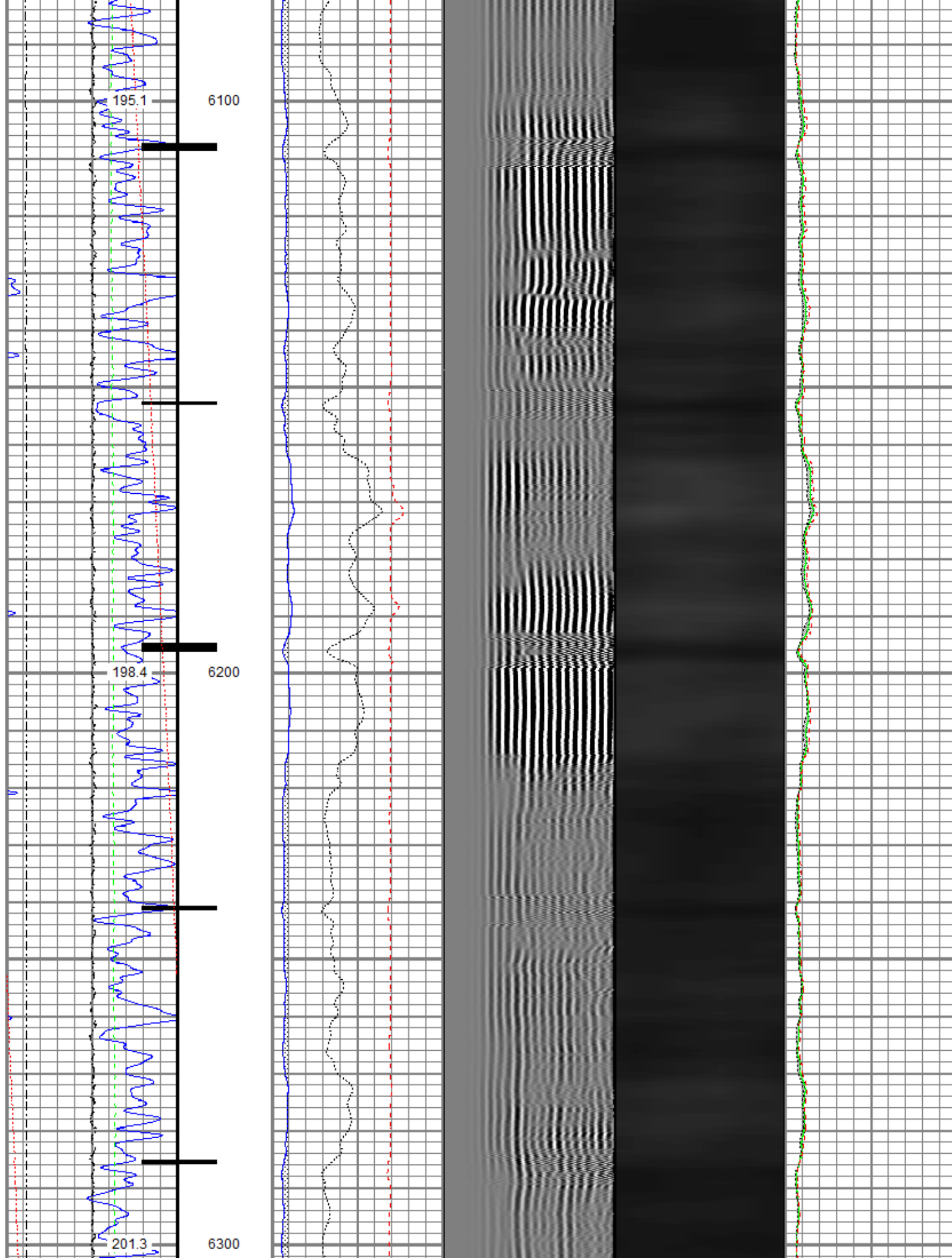


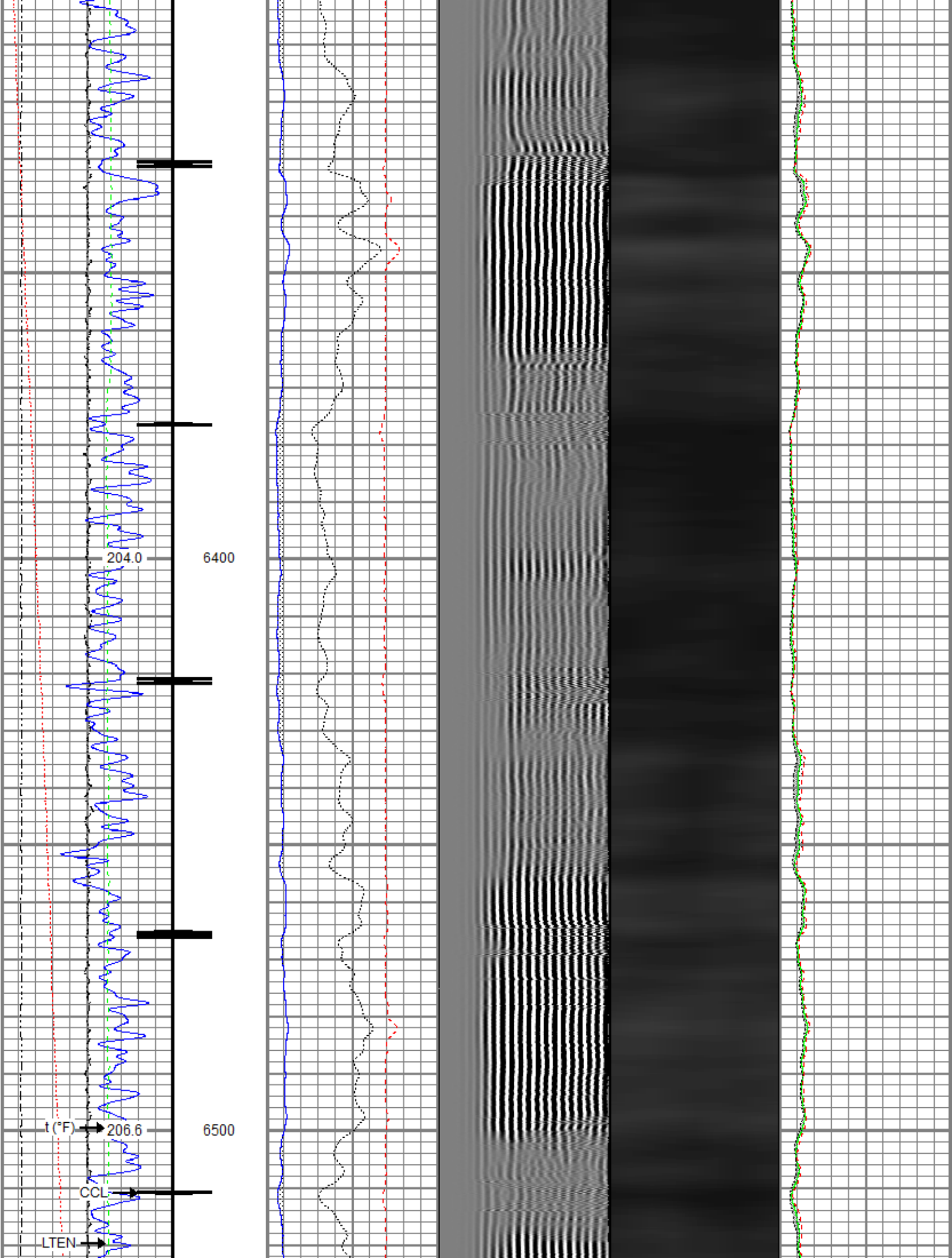


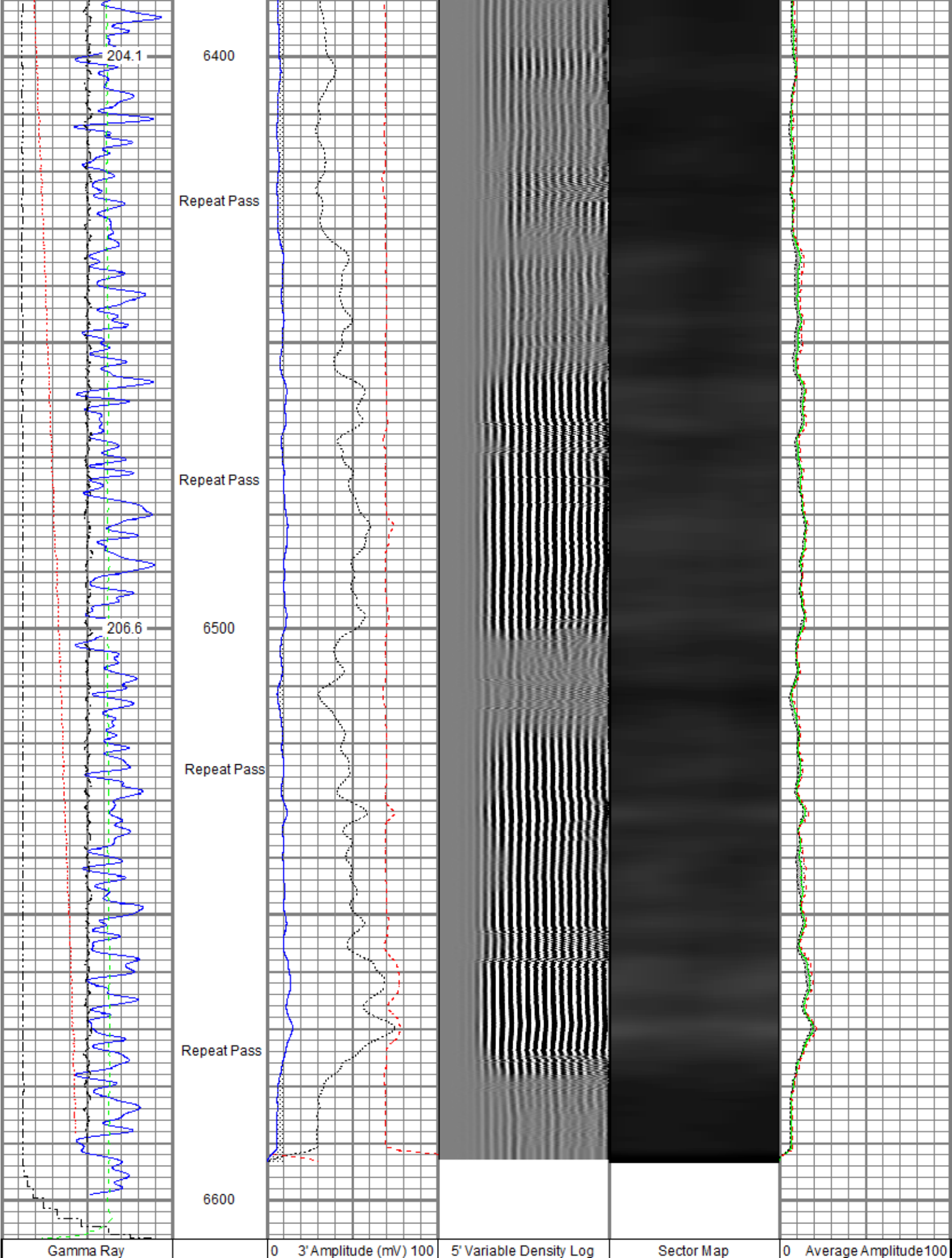




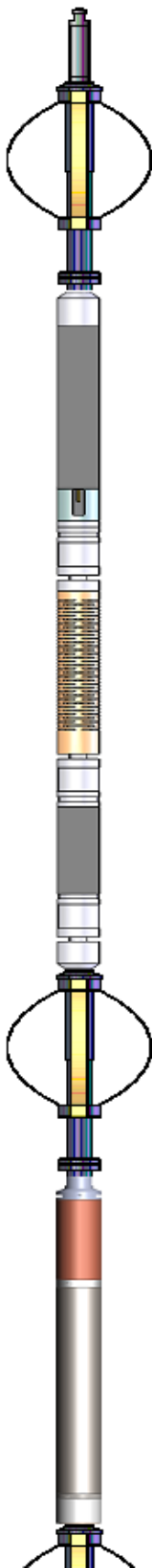
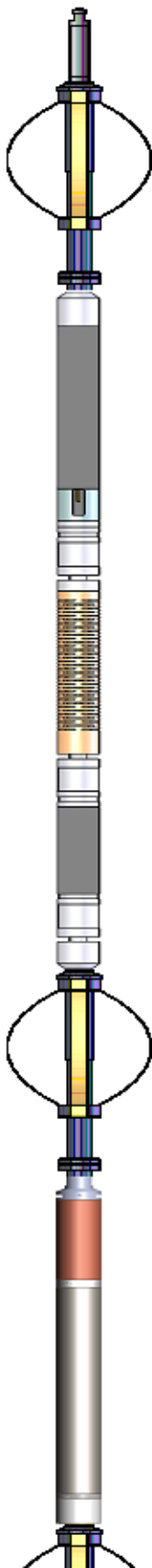


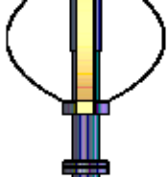






0	(GAPI)	120	3' Amplitude x 5			200	(usec)	1200	MinimumAmplitude		
0	Temperature (degF)	20	0	(mV)	20	0					100
Line Speed			3' Travel Time			MaximumAmplitude					
-150	(ft/min)	150	650	(usec)	150	0					100
0	Line Tension (lb)	2000									
Differential Temperature											
-2	(degF)	2									

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
TEMP	17.04		Titan CHD-14375 GO	1.03	1.44	3.60
			Titan 1-7/16" Assembled Electric Cable Head with 1" Fishing Neck			
			Probe CENT-2750	2.88	2.75	20.00
			Probe 2-3/4" Electric Inline Bowspring Centralizer			
WVFS8	14.81		Probe Radii-2750 RBT (FW0712-020)	9.39	2.75	105.00
WVFS7	14.81		Probe 2-3/4" Radial Cement Bond Tool with Integral Temperature Sub			
WVFS6	14.81					
WVFS5	14.81					
WVFS4	14.81					
WVFS3	14.81					
WVFS2	14.81					
WVFS1	14.81					
WVFCAL	14.81					
WVF3FT	14.81					
WVF5FT	13.81					
HEADVOLT	10.56					
CCL\$2	6.80		Probe CENT-2750	2.88	2.75	20.00
CCL\$1	6.80		Probe 2-3/4" Electric Inline Bowspring Centralizer			
GR	5.46		Probe GR-CCL-2750 6PB (101001)	4.80	2.75	55.00
			Probe 2-3/4" rev.1 Digital Scintillation Gamma Ray/CCL Combined with 6 Pin Bottom for CNT			

LOCTIM	0.00		Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
UTCTIM	0.00					
Dataset: processed_0506906514_oxy_jodster north 25-4hz_rbl_02-11-20.db: field/well/rcbl/TOOL STRING Total length: 23.86 ft Total weight: 223.60 lb O.D.: 2.75 in						

Calibration Report	
Database File	c:\programdata\warrior\data\oxy\0506906514_oxy_jodster north 25-4hz_rbl_02-11-20\processed_0506906514_oxy_jodster north
Dataset Pathname	rcbl/pass4.2
Dataset Creation	Wed Feb 12 16:47:52 2020

Gamma Ray Calibration Report		
Serial Number:	101001	
Tool Model:	2750 6PB	
Performed:	Tue Dec 03 09:24:53 2019	
Calibrator Value:	637.0	GAPI
Background Reading:	100.6	cps
Calibrator Reading:	981.1	cps
Sensitivity:	0.7235	GAPI/cps

Segmented Cement Bond Log Calibration Report		
Serial Number:	120855	
Tool Model:	2750 RBT	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	21.044	ft

Master Calibration, performed (Derived):						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.006	0.757	0.800	71.921	94.722	0.189
CAL	0.007	0.627				
5'	0.010	0.711	0.800	71.921	101.431	-0.182
SUM						
S1	0.007	0.712	0.000	100.000	141.778	-0.982
S2	0.008	0.709	0.000	100.000	142.686	-1.201
S3	0.009	0.731	0.000	100.000	138.571	-1.248
S4	0.008	0.768	0.000	100.000	131.635	-1.071
S5	0.009	0.813	0.000	100.000	124.336	-1.069
S6	0.008	0.789	0.000	100.000	128.085	-1.058
S7	0.008	0.777	0.000	100.000	130.186	-1.092
S8	0.008	0.732	0.000	100.000	138.098	-1.081

Air Zero Calibration, performed Mon Feb 10 12:21:41 2020:			
	Raw (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

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

Temperature Calibration Report

Serial Number: 120855
Tool Model: 2750 RBT
Performed: Wed Dec 18 13:34:18 2019

	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 Jodster North 25-4HZ
Field Wattenberg
County Larimer
State Colorado