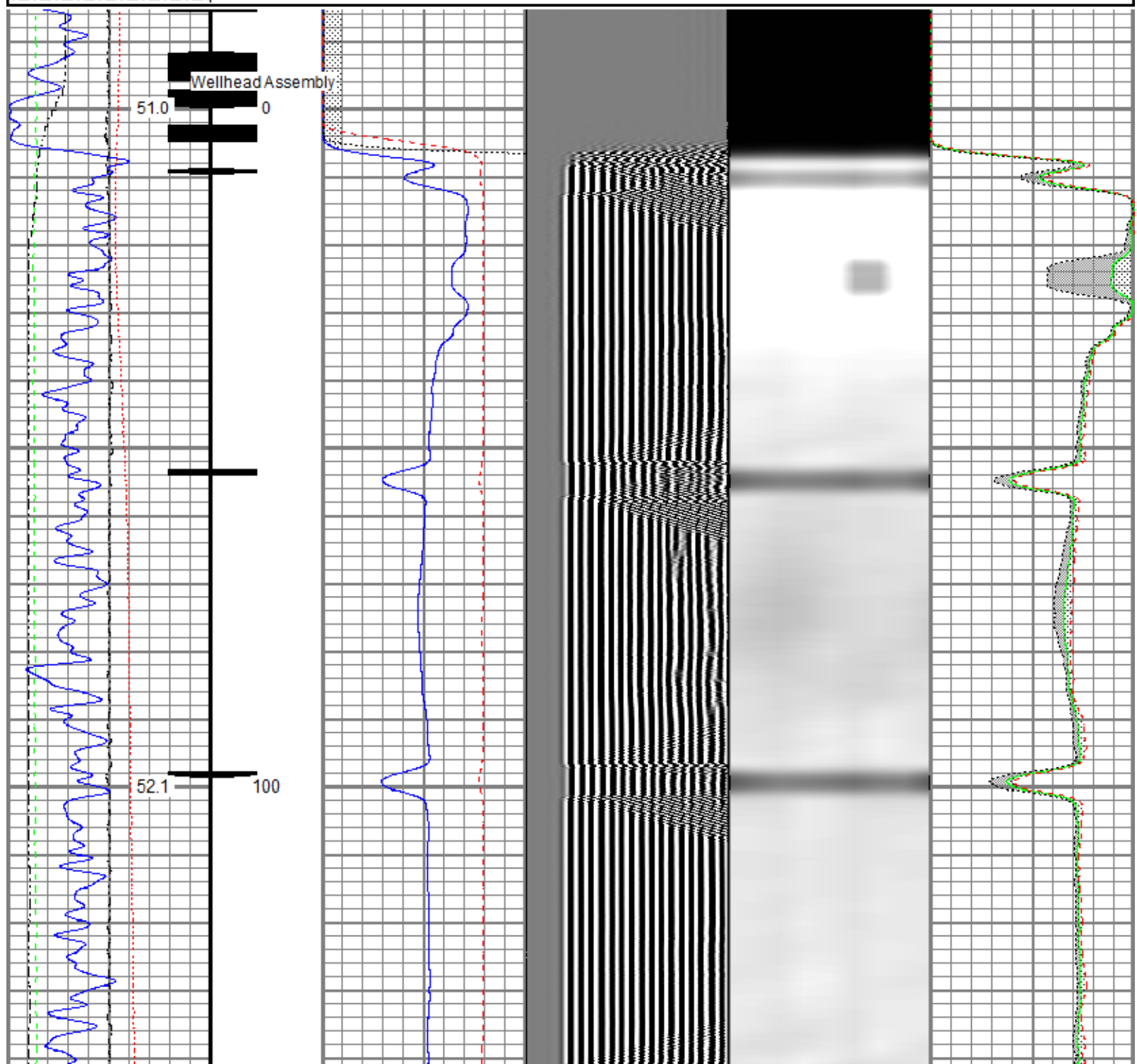
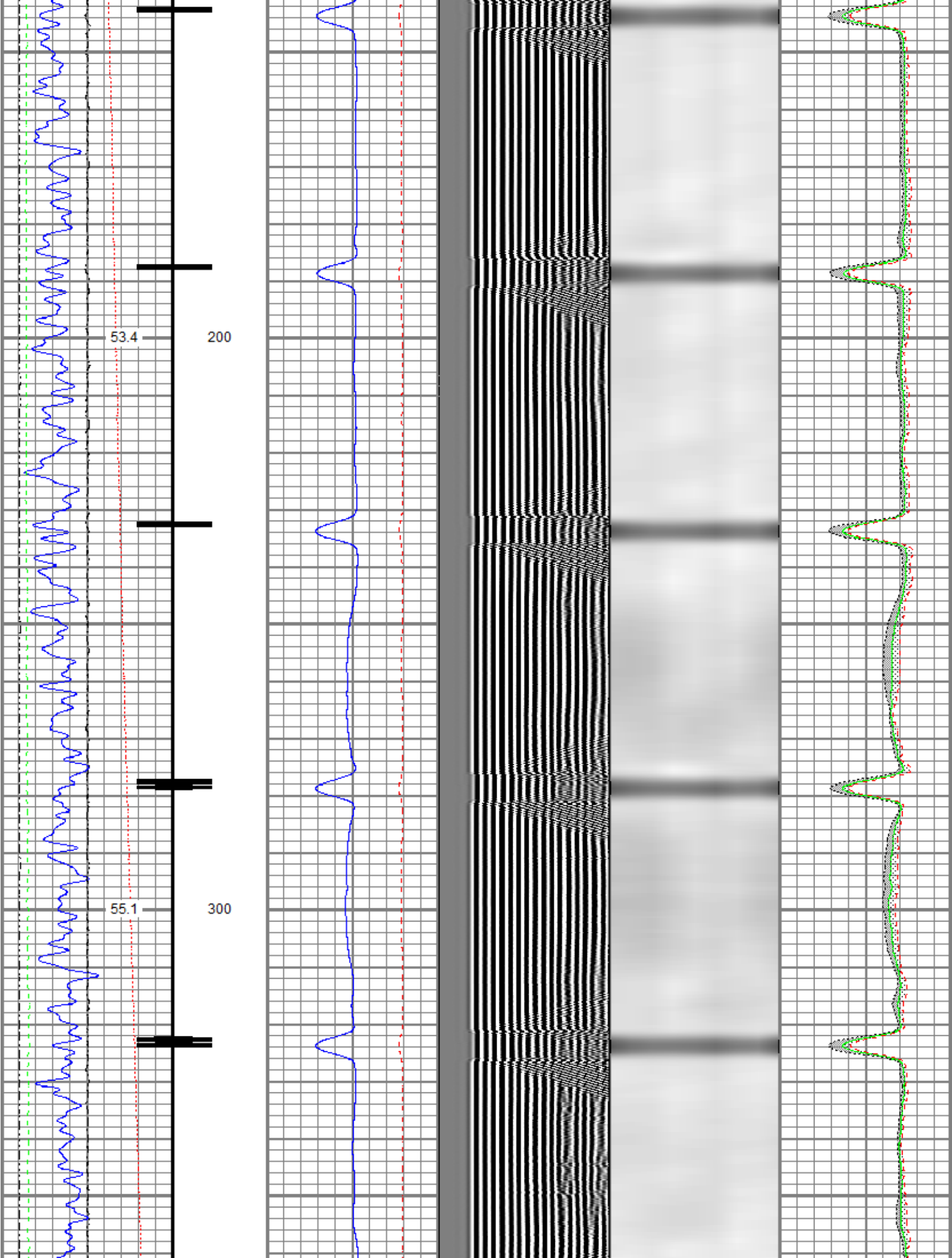


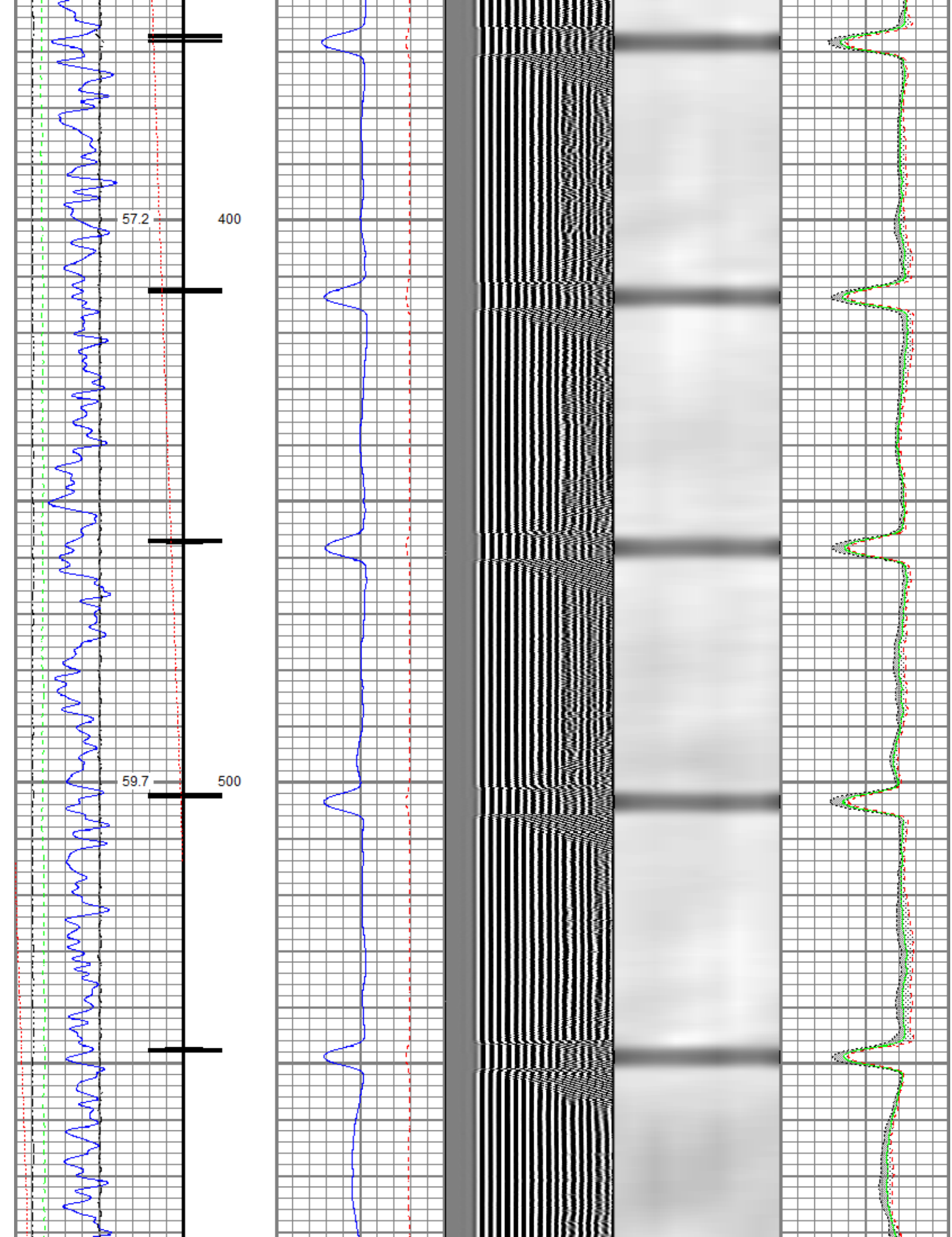
<<< Fold Here >>>
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible 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 6631 FT Adjusted +4 FT to correlate with Marker Joint Gauge Ring/Junk Basket ran to 7635 FT Retrievable Bridge Plug set at 6714 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!!

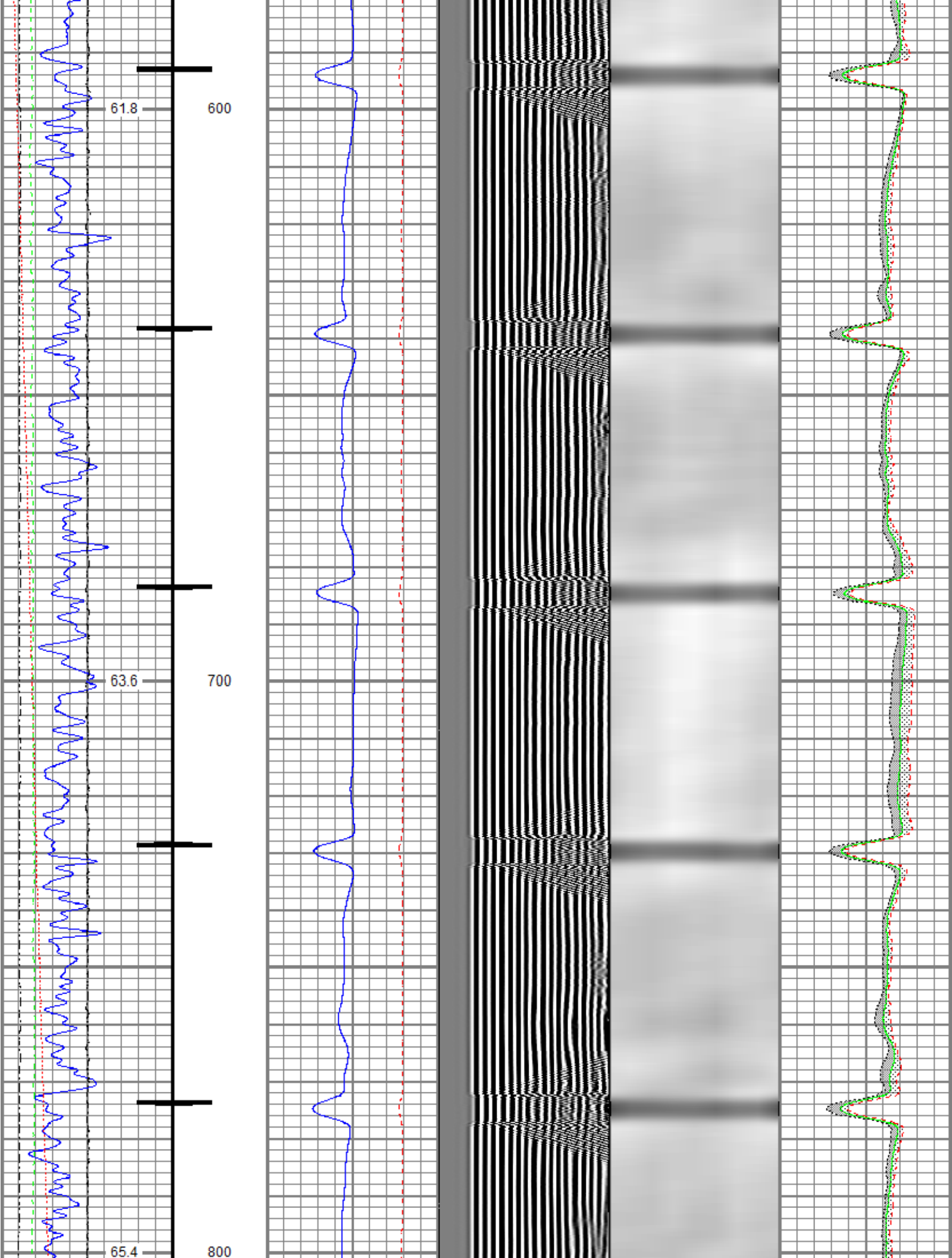
Database File	oxy\0506906515_oxy_jodster north 25-10hz_rbl_02-17-20\processed_0506906515_oxy_jodster north 25-10hz_rbl_02-17-20.c
Dataset Pathname	RBL/pass6.9
Presentation Format	ros_radri
Dataset Creation	Wed Feb 19 13:58:53 2020
Charted by	Depth in Feet scaled 1:240

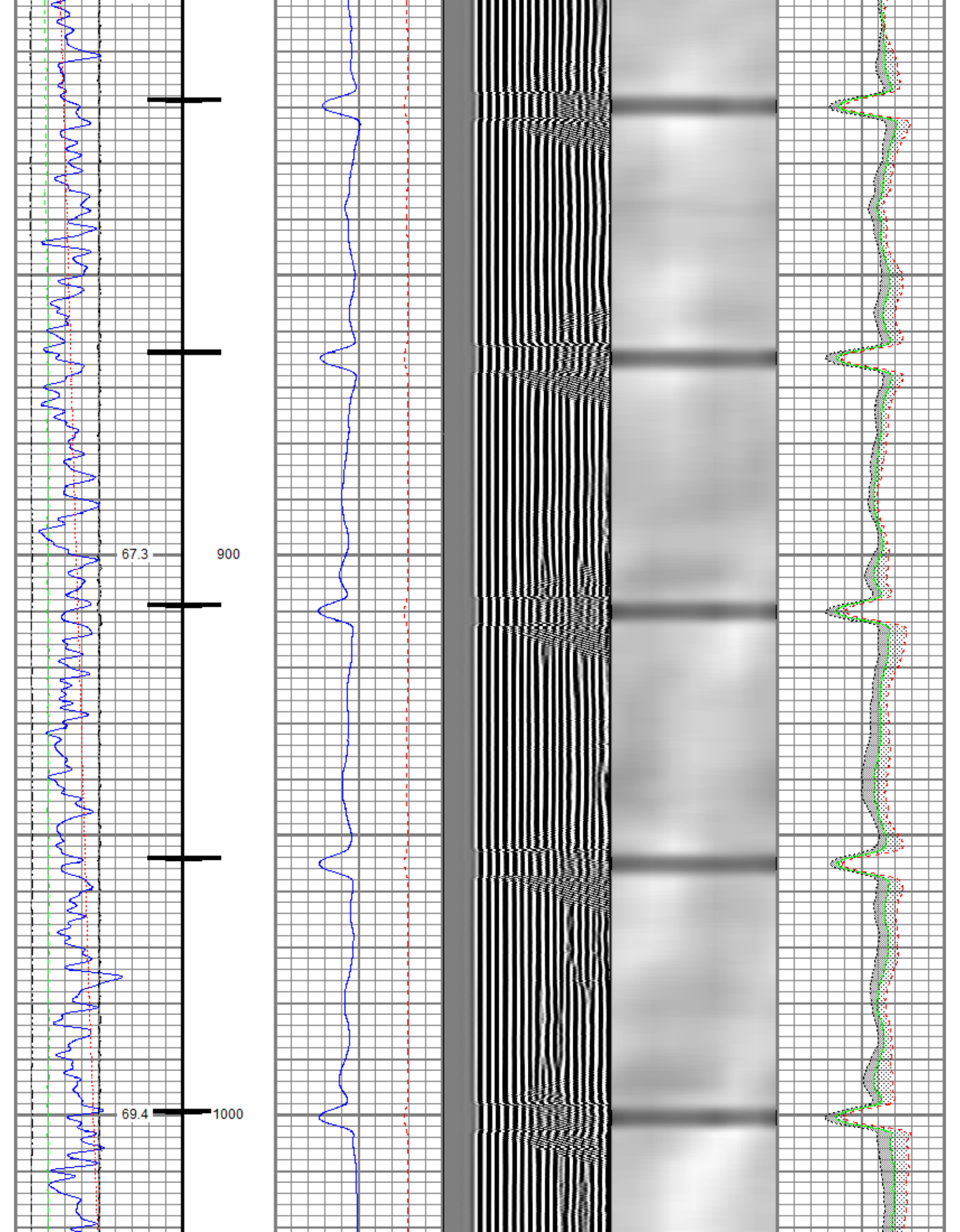
Gamma Ray	0	3' Amplitude (mV)	100	5' Variable Density Log	Sector Map	0	Average Amplitude	100
(GAPI)	120	3' Amplitude x 5	200	(usec)			Minimum Amplitude	
Casing Collar Locator		0	(mV)	20			0	100
0 Temperature (degF)	20	3' Travel Time					Maximum Amplitude	
Line Speed		650	(usec)	150			0	100
-150 (ft/min)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

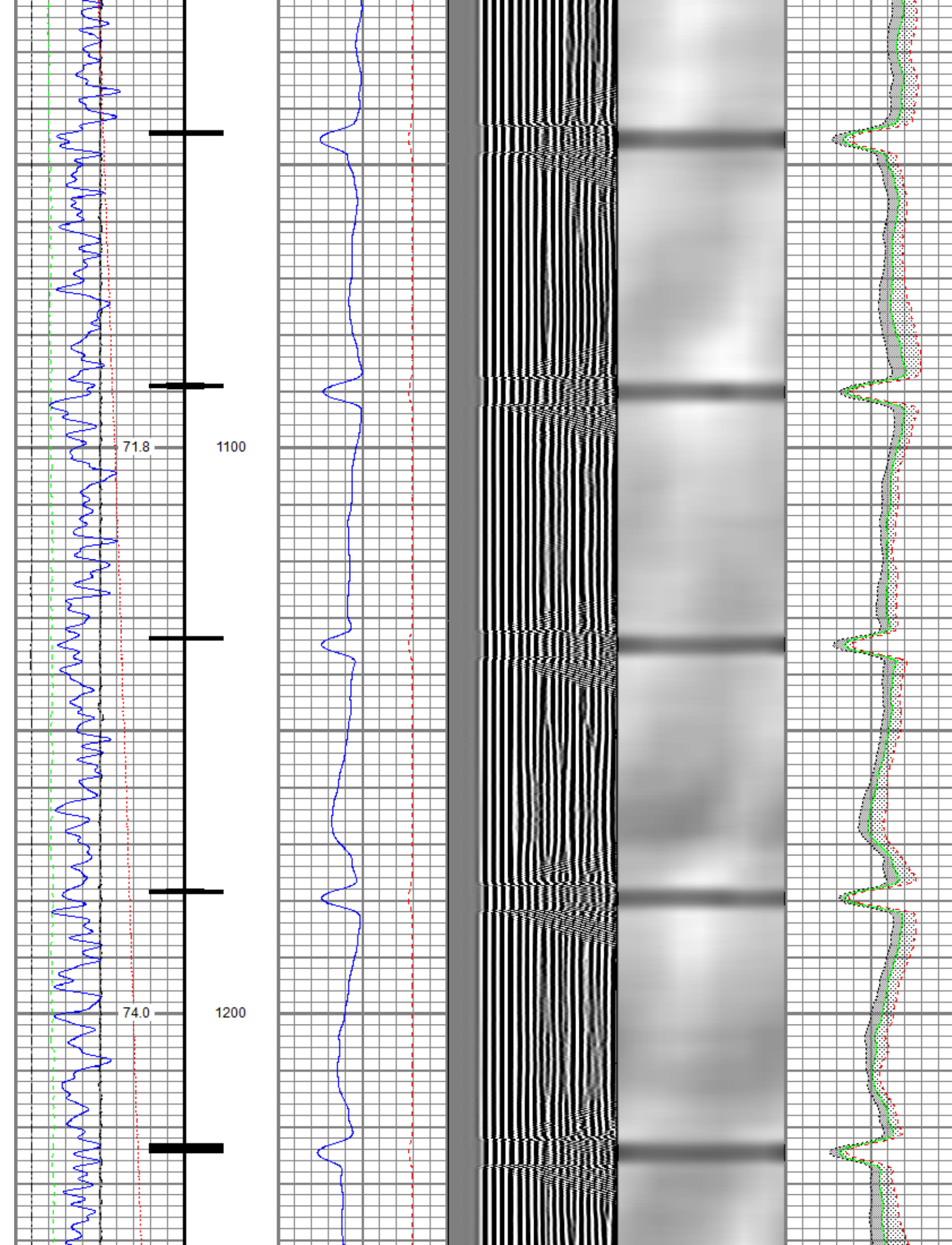


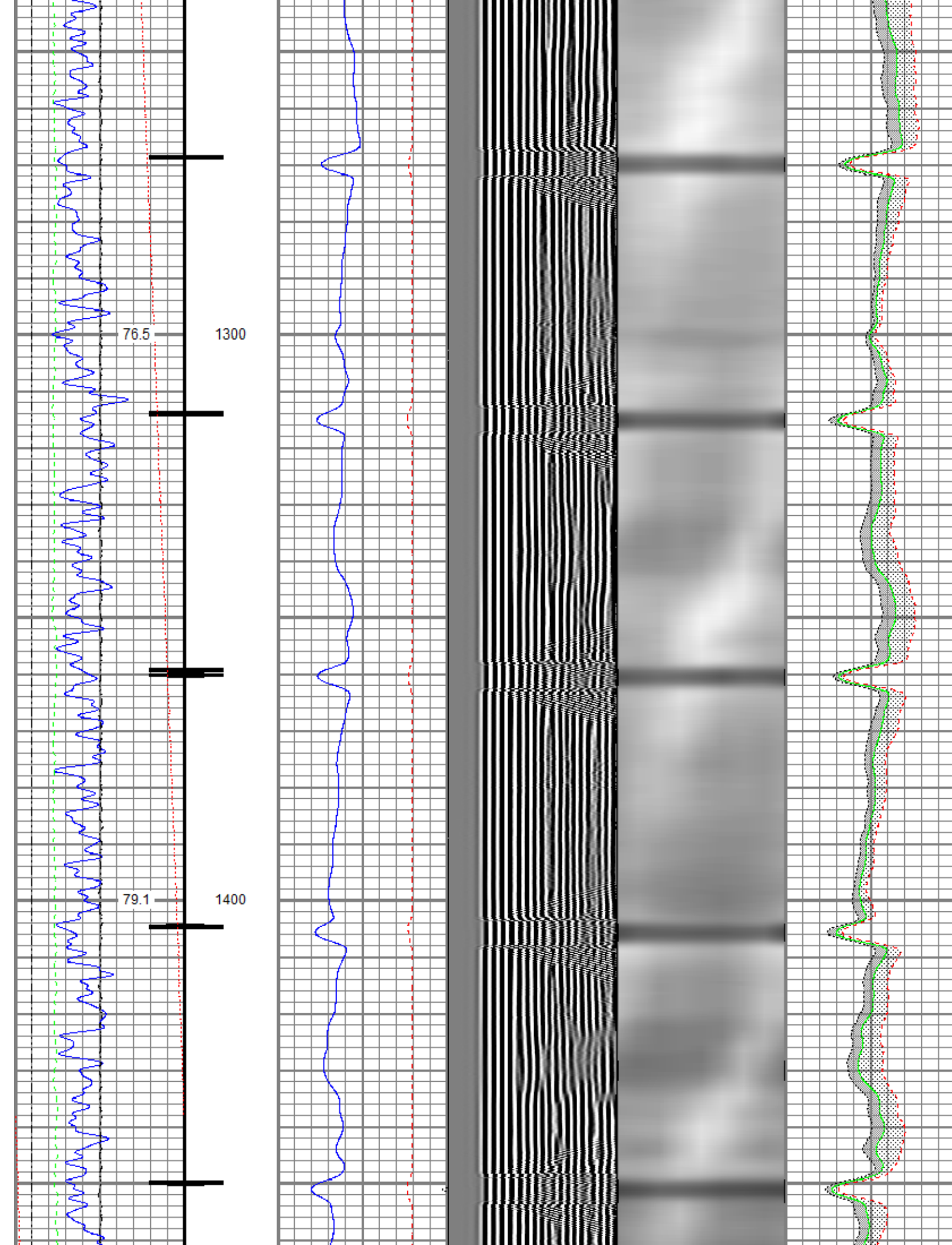


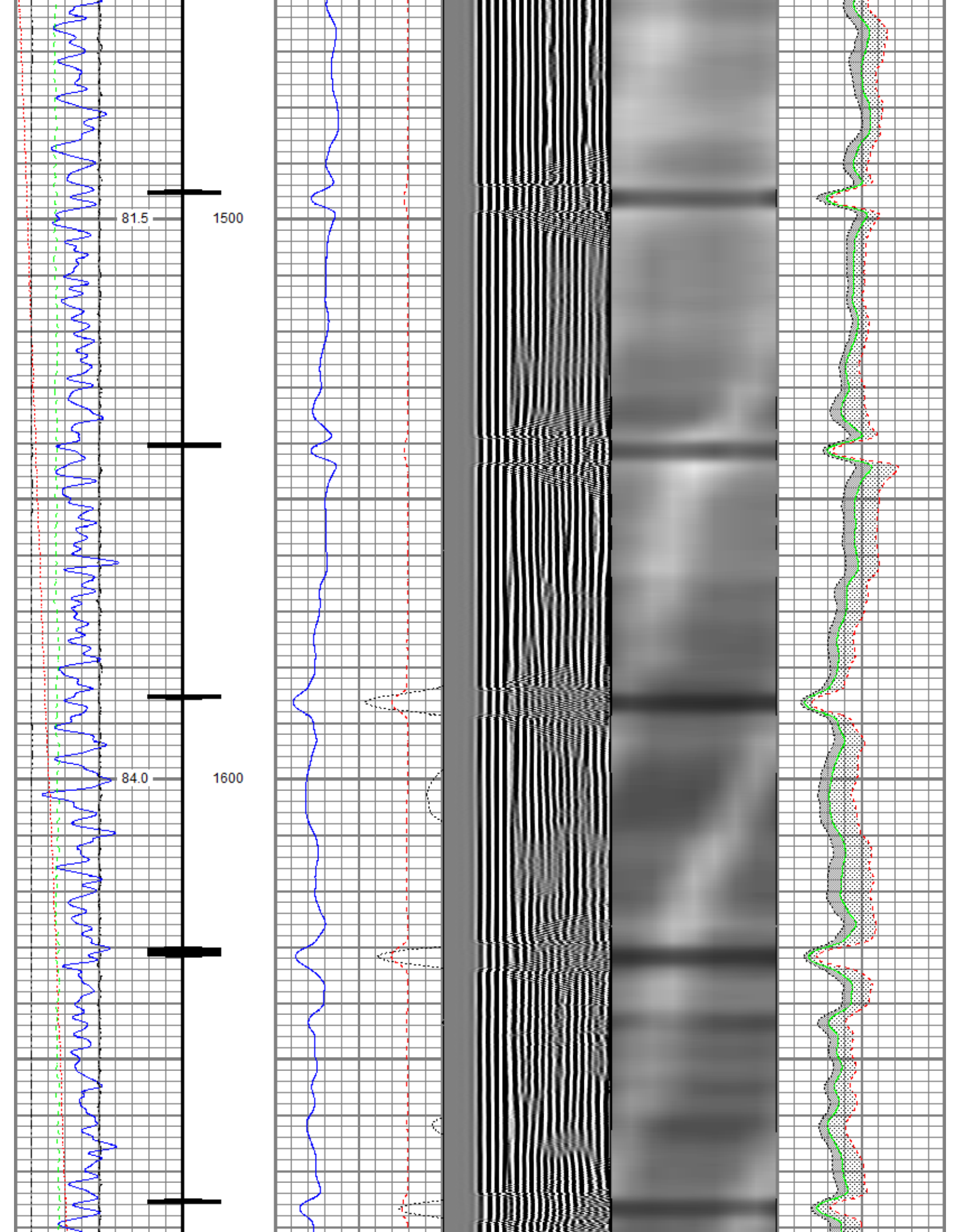


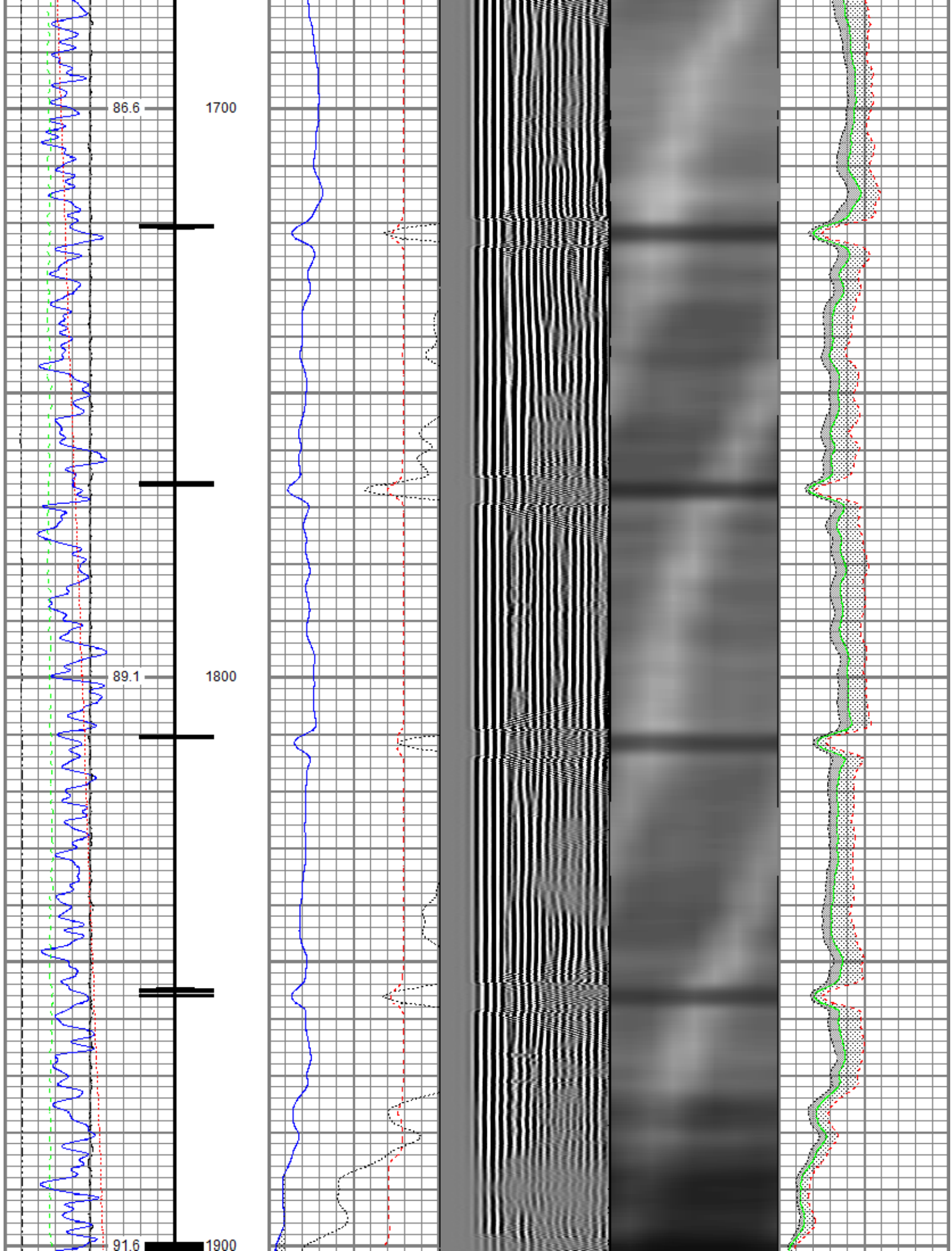


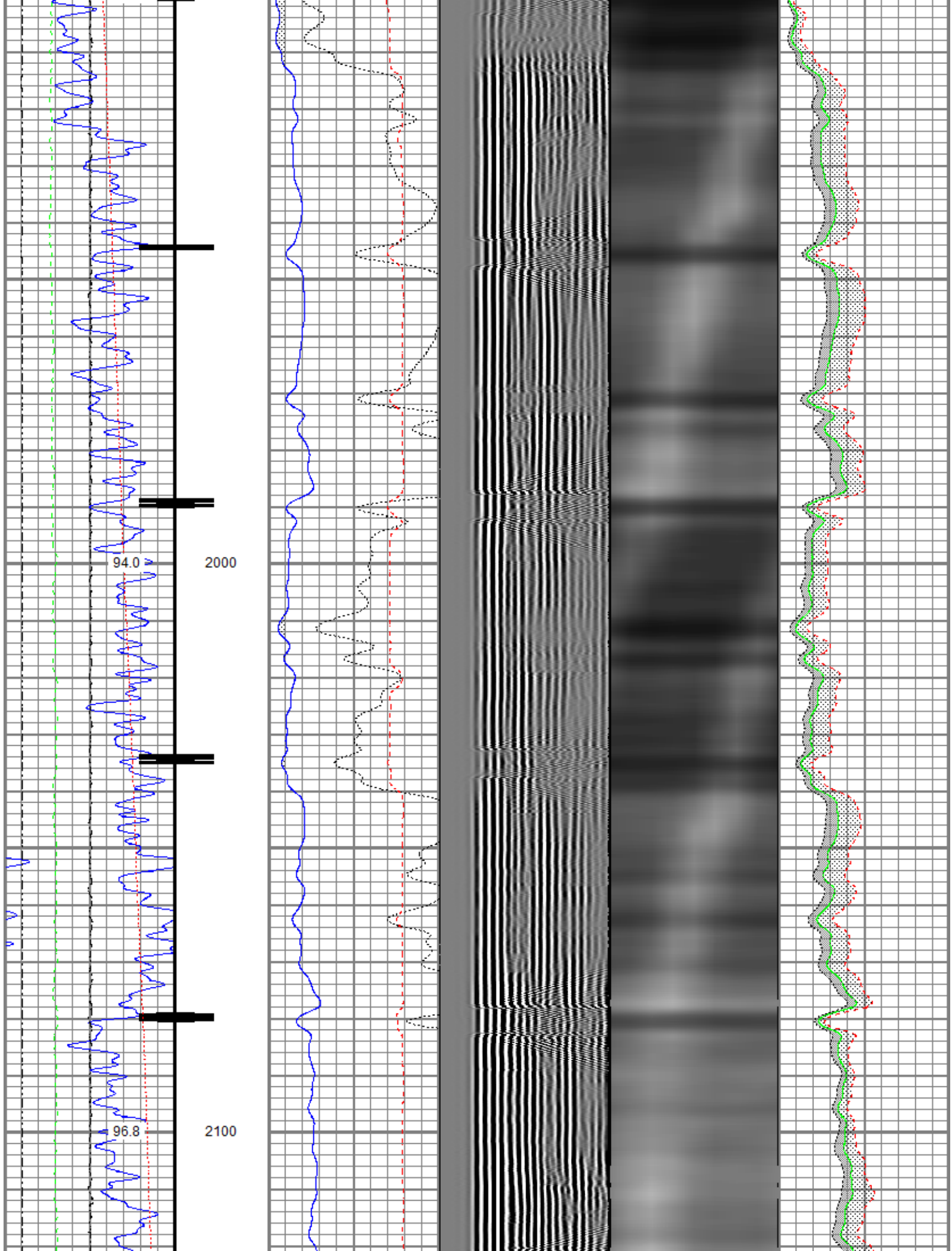


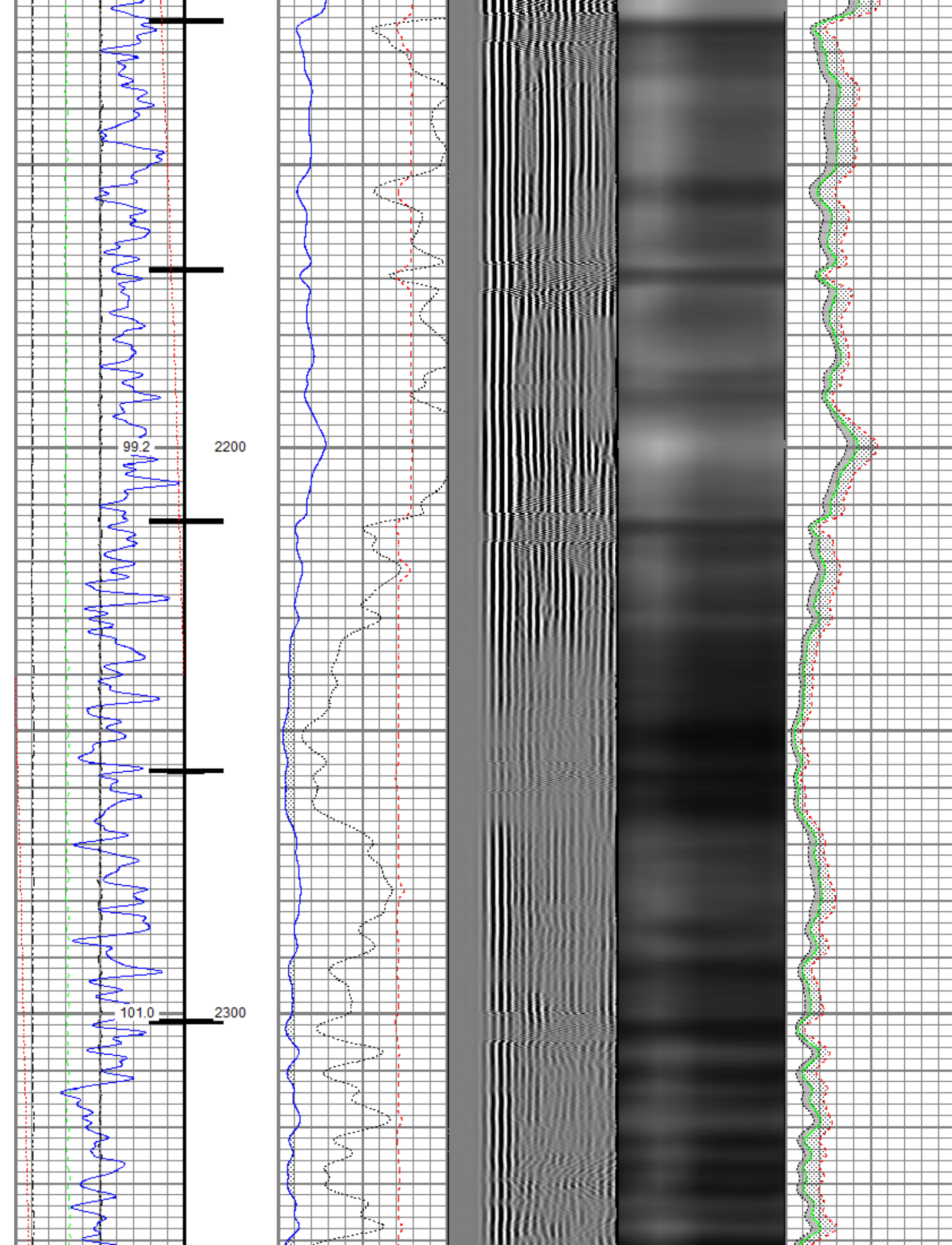


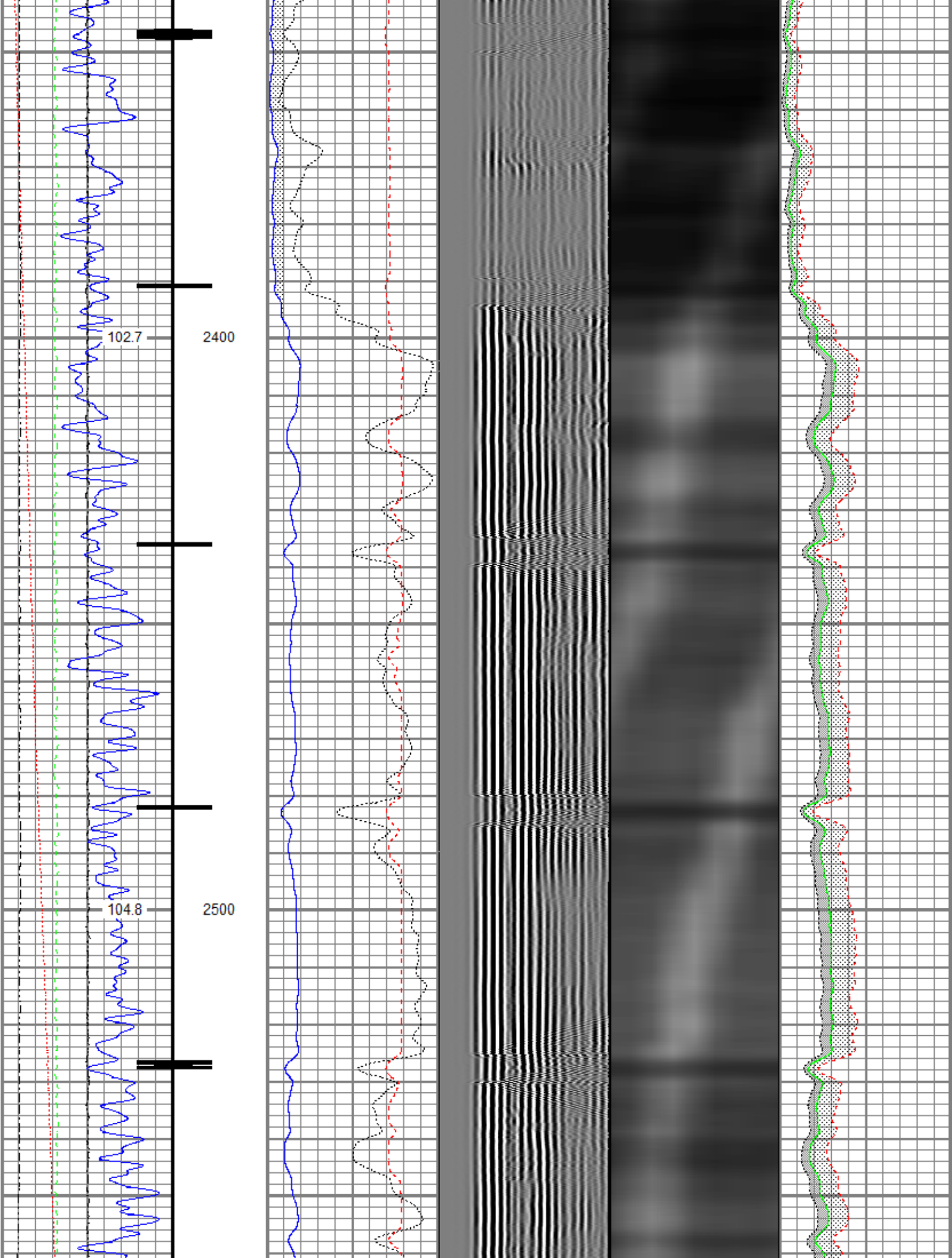


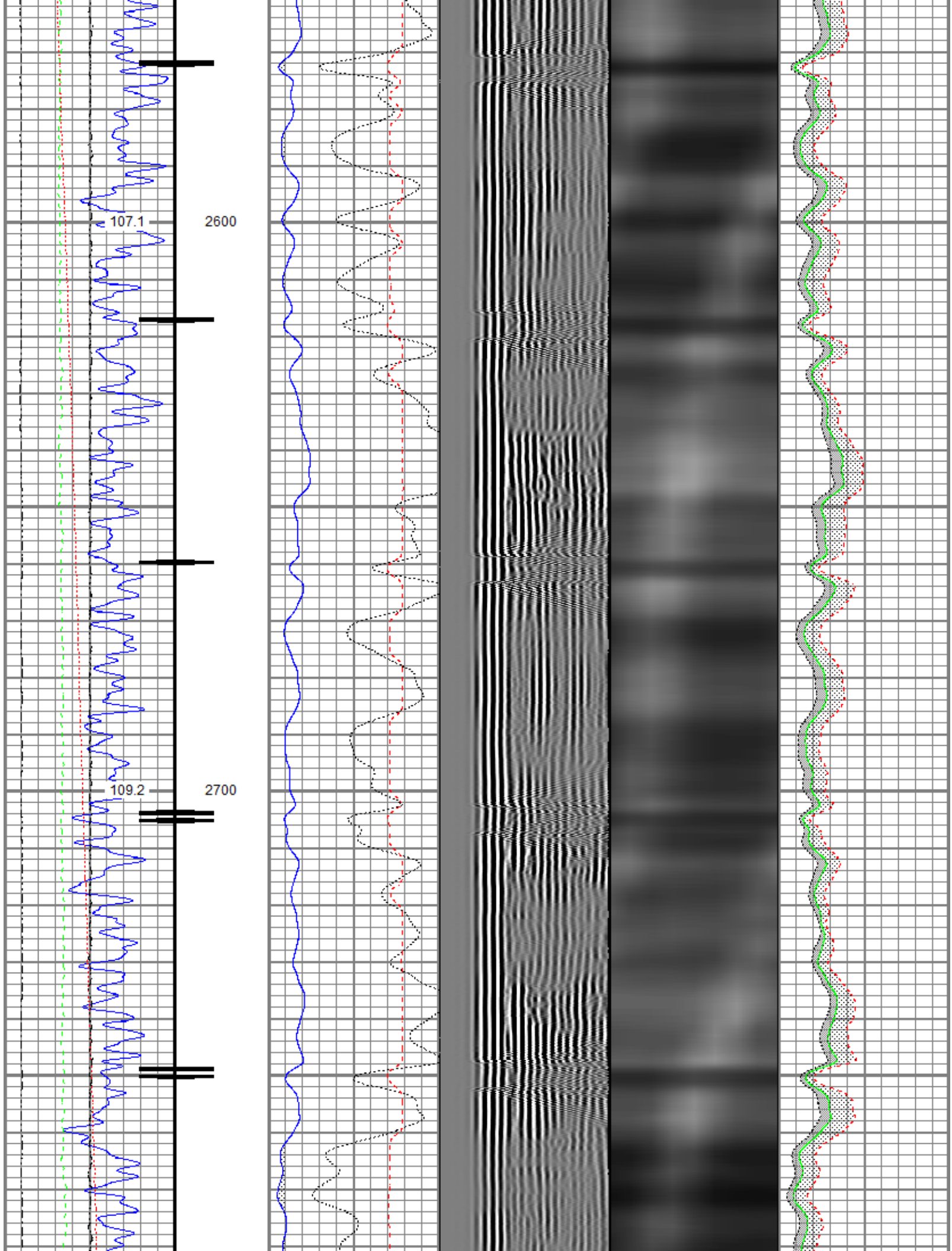


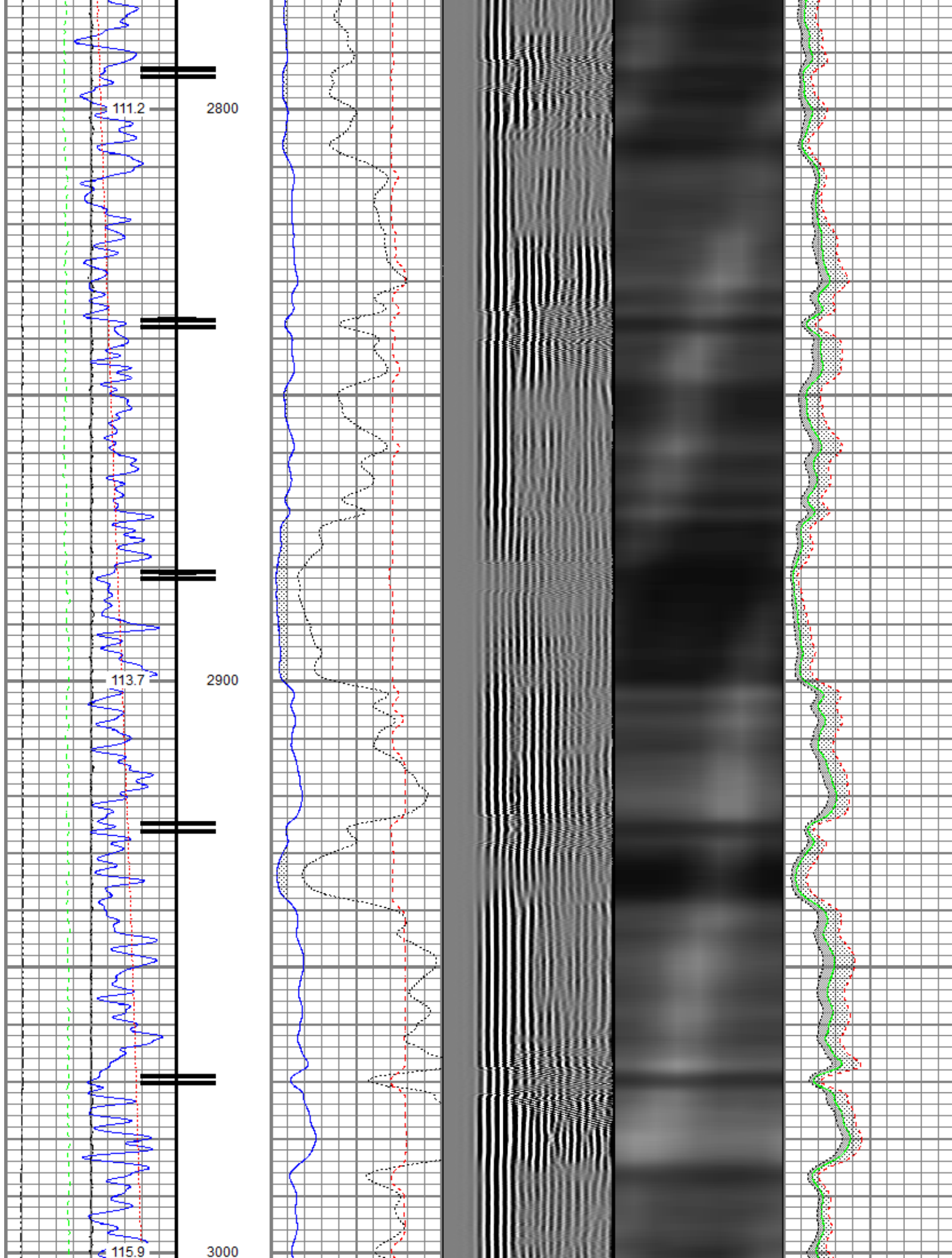


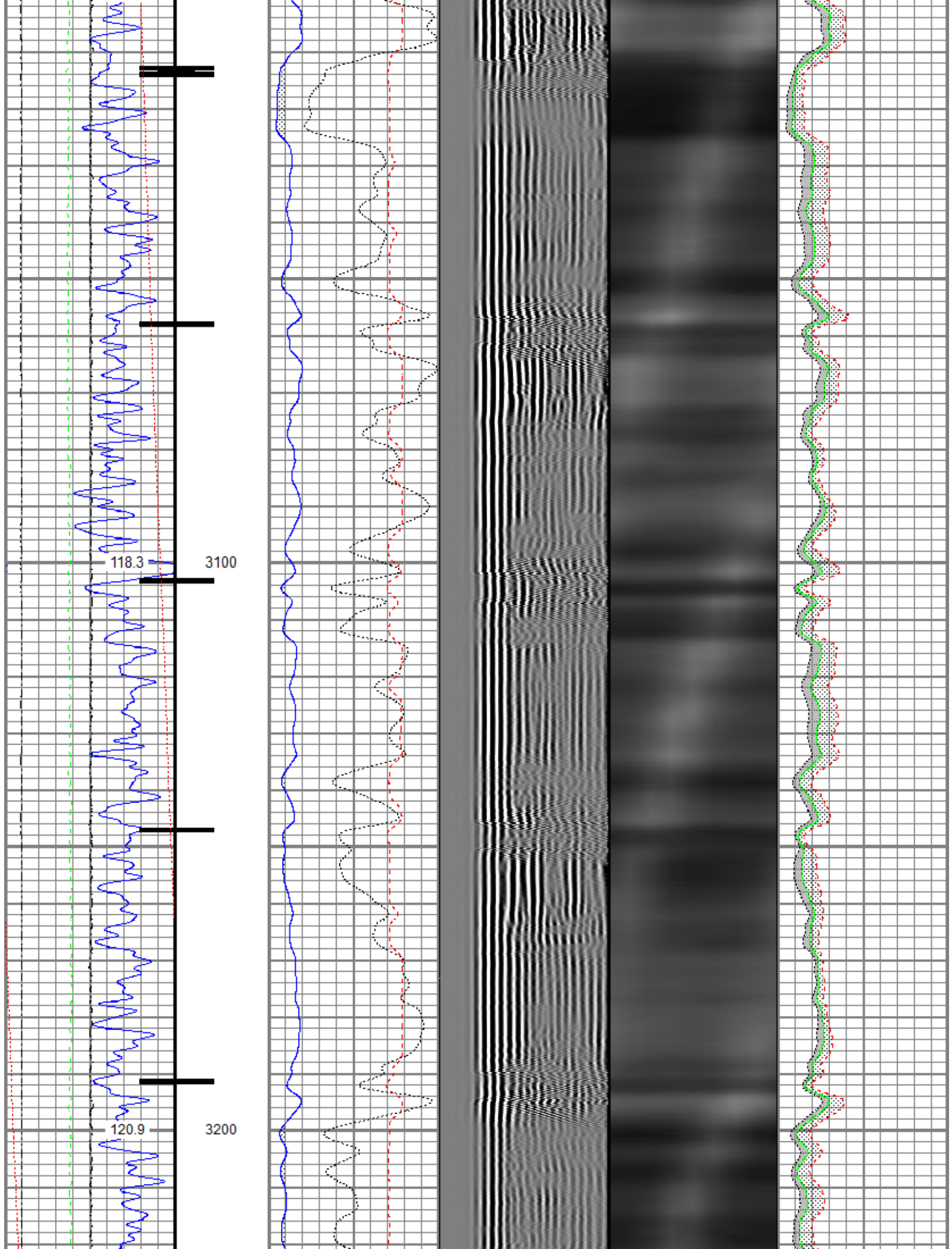


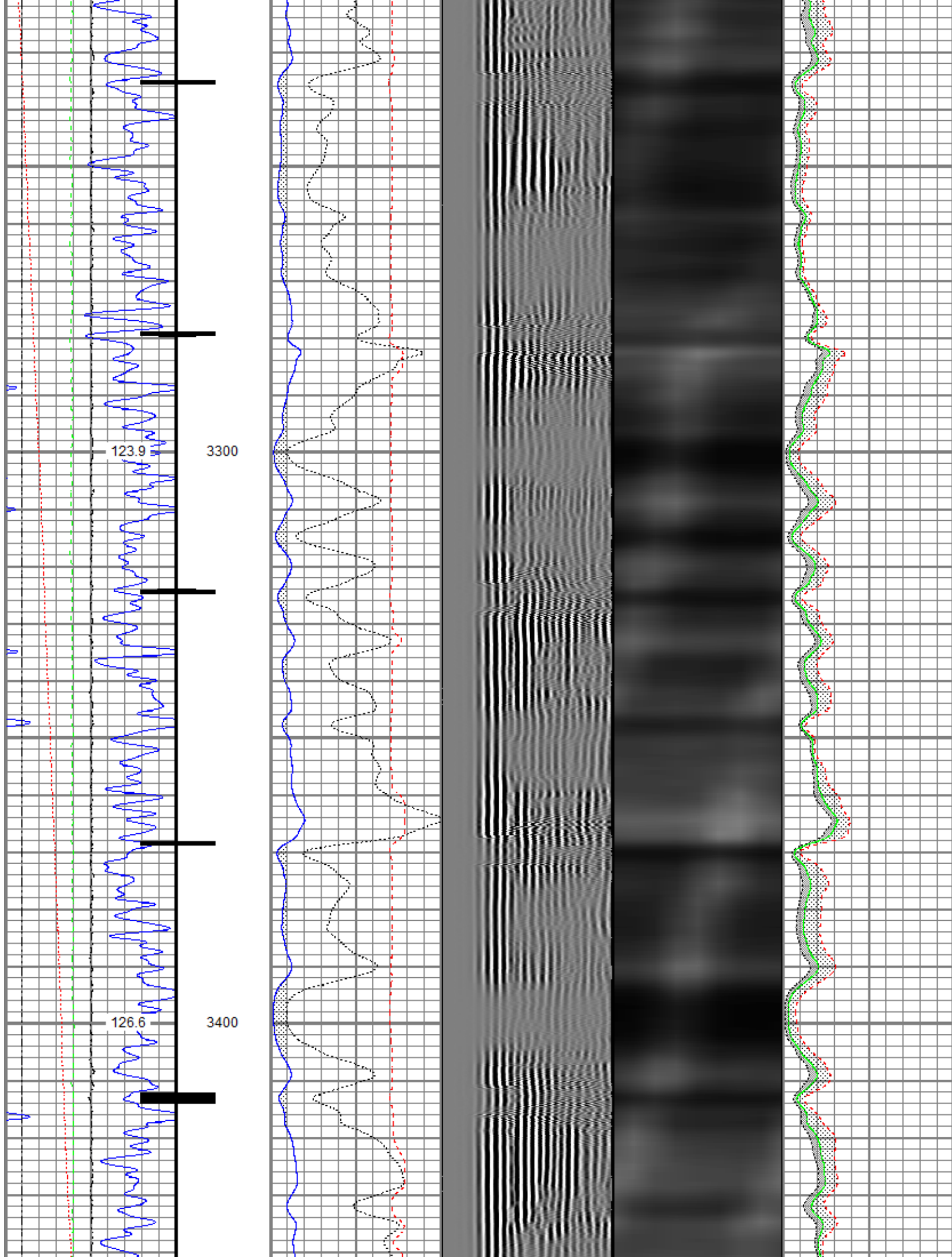


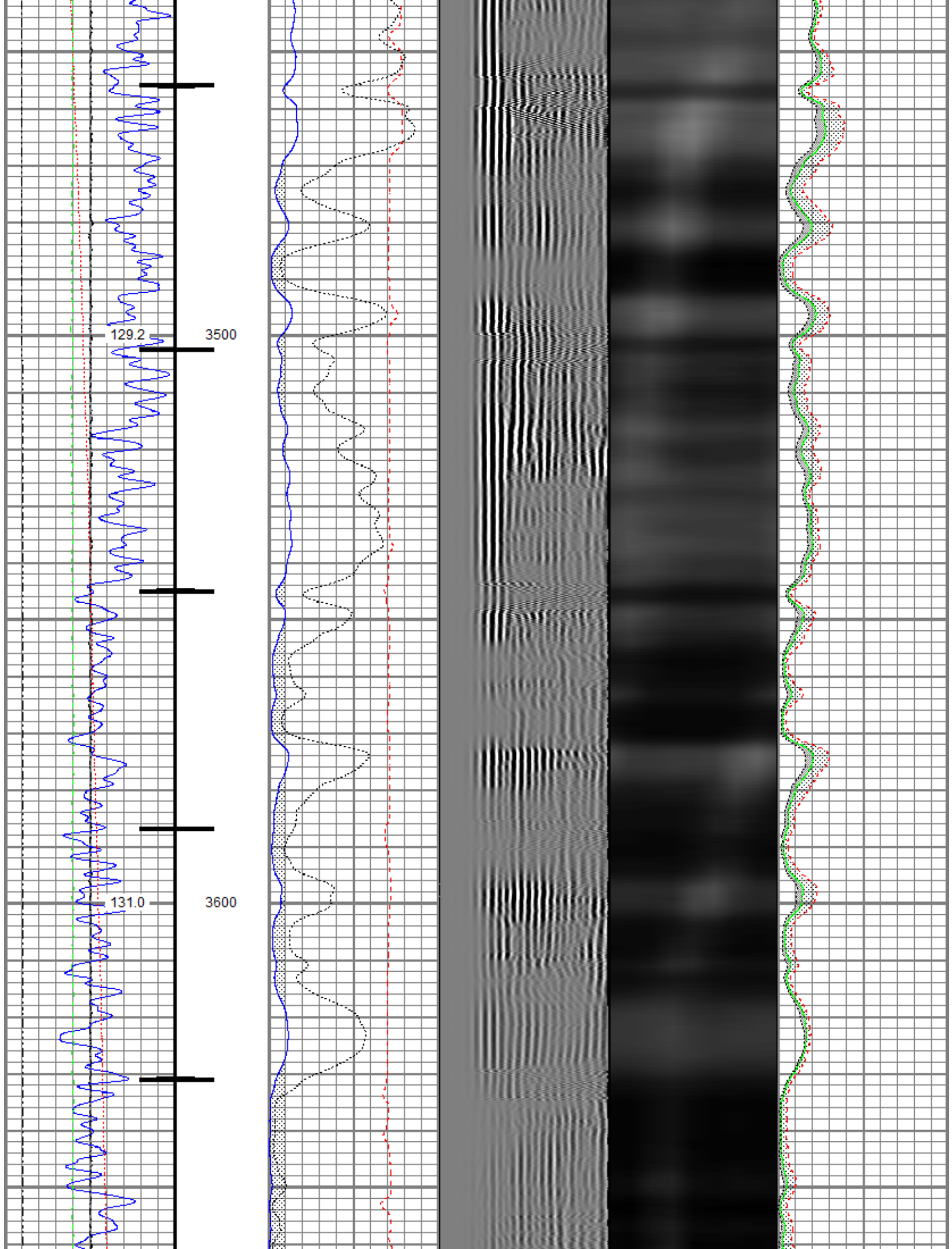


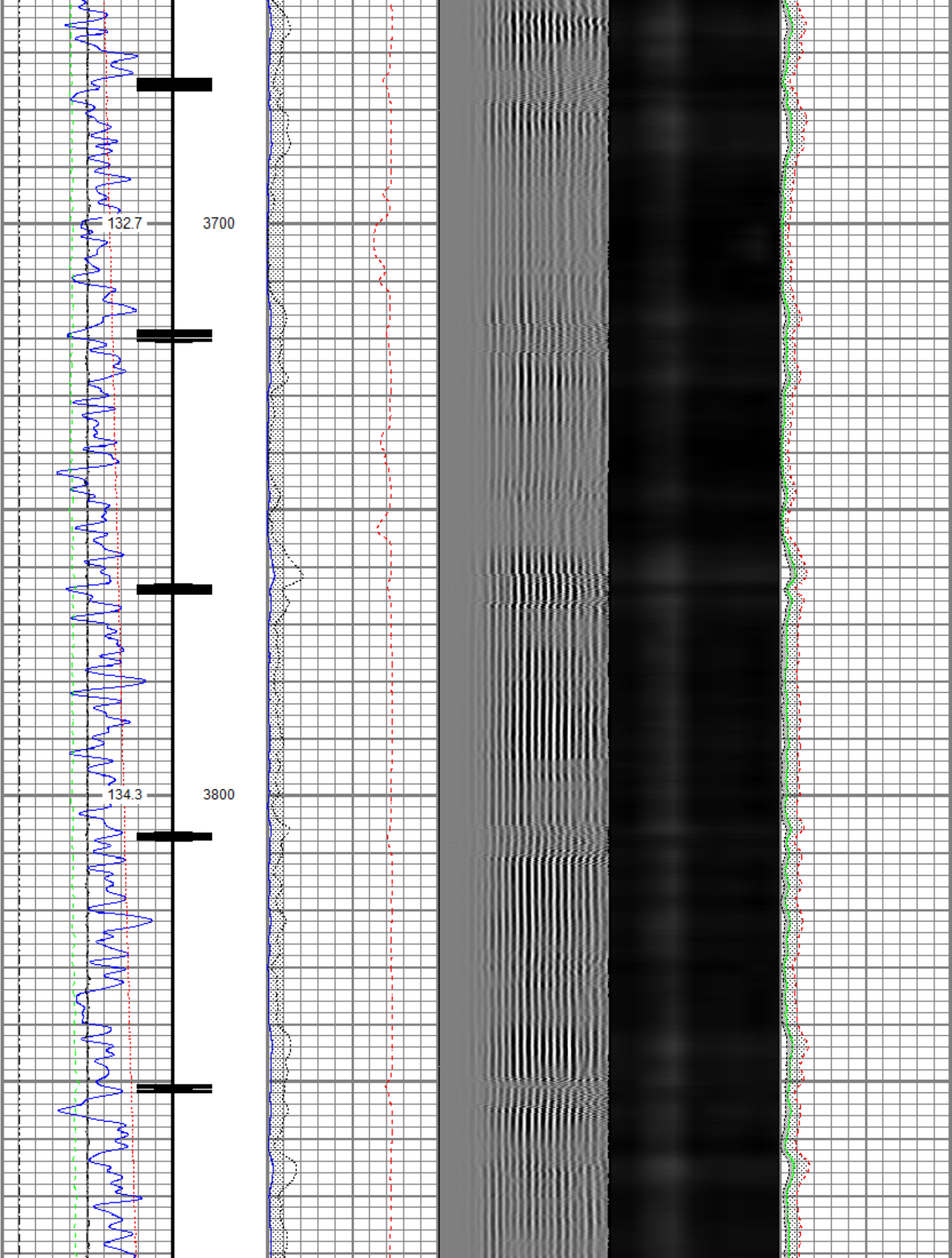


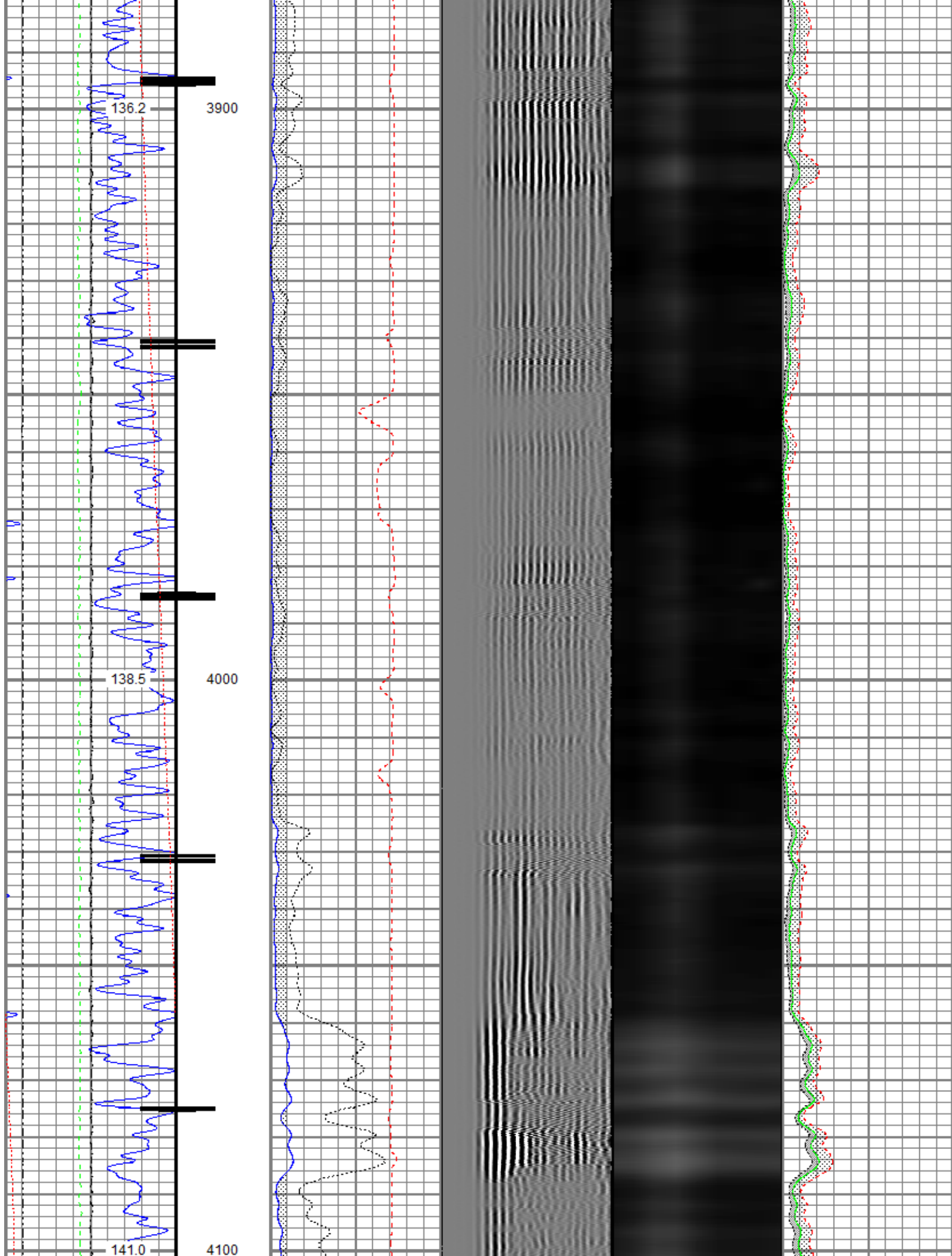


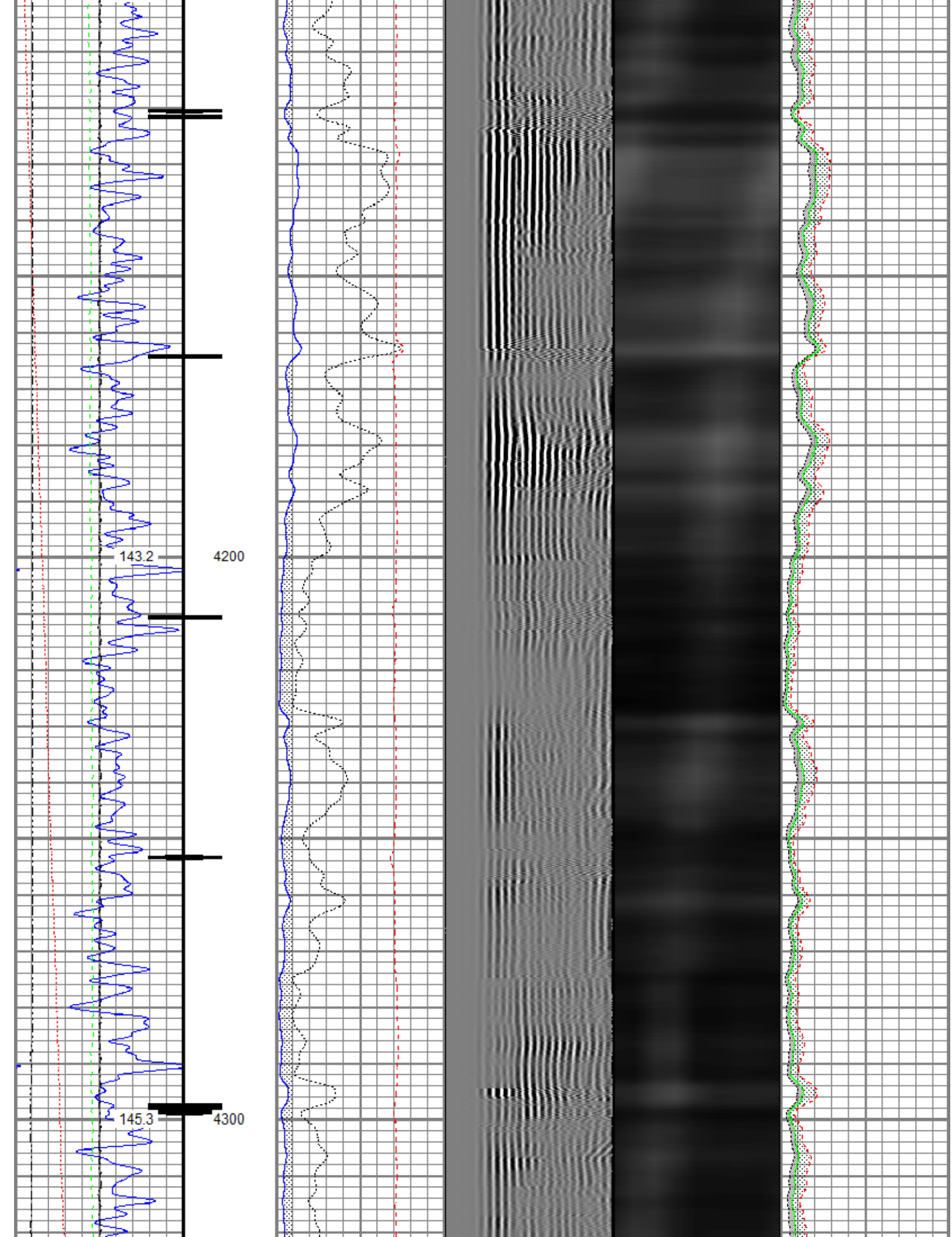


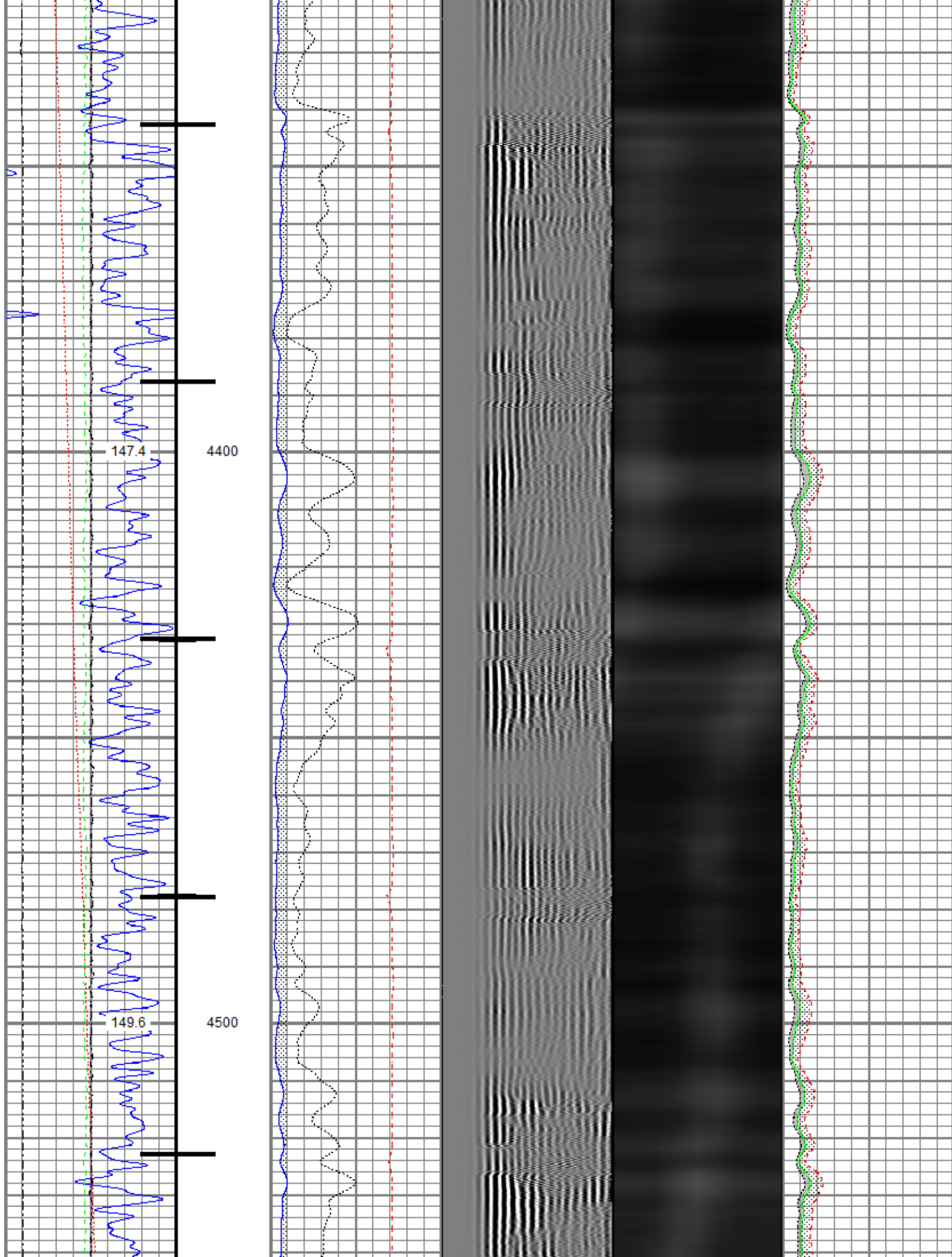


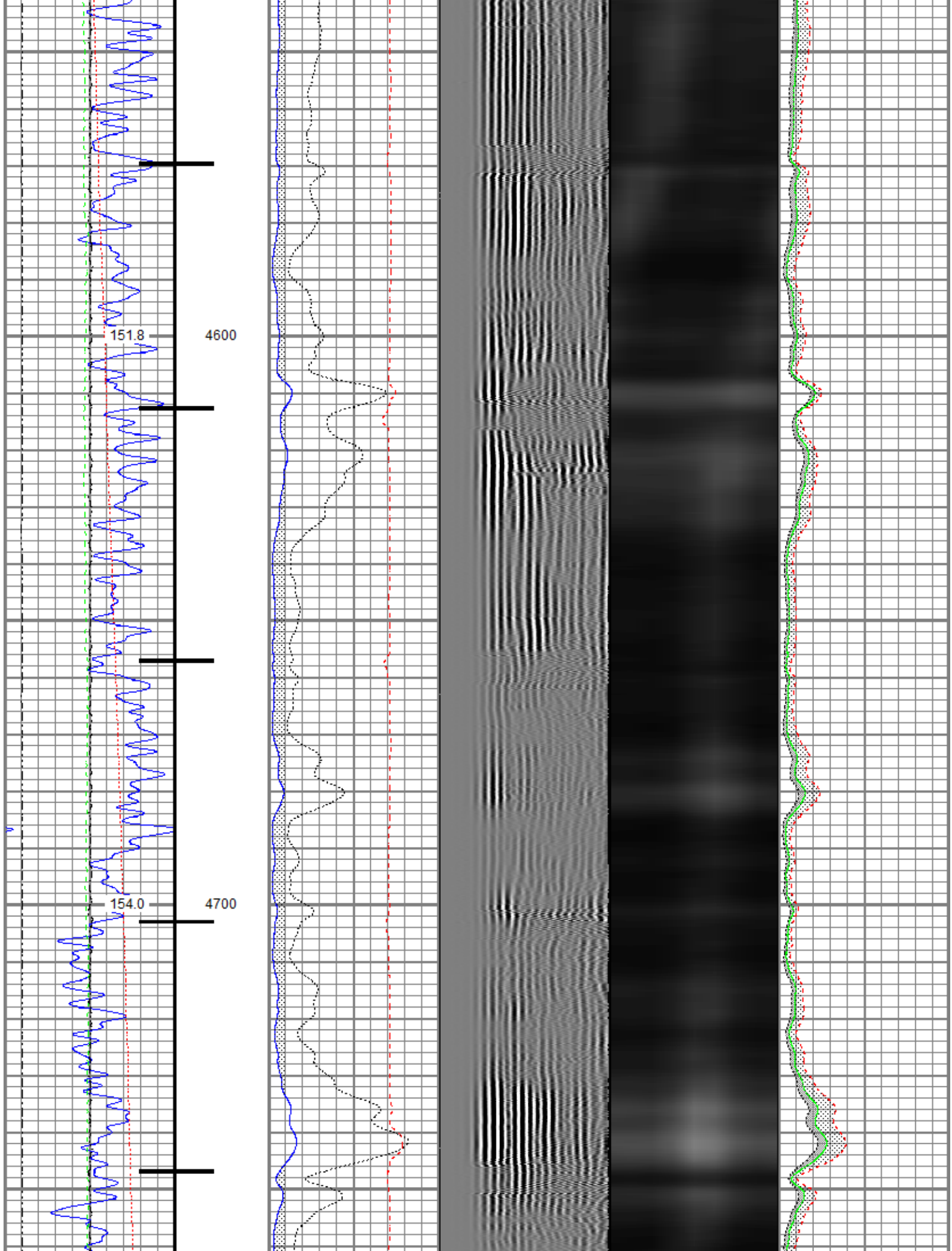


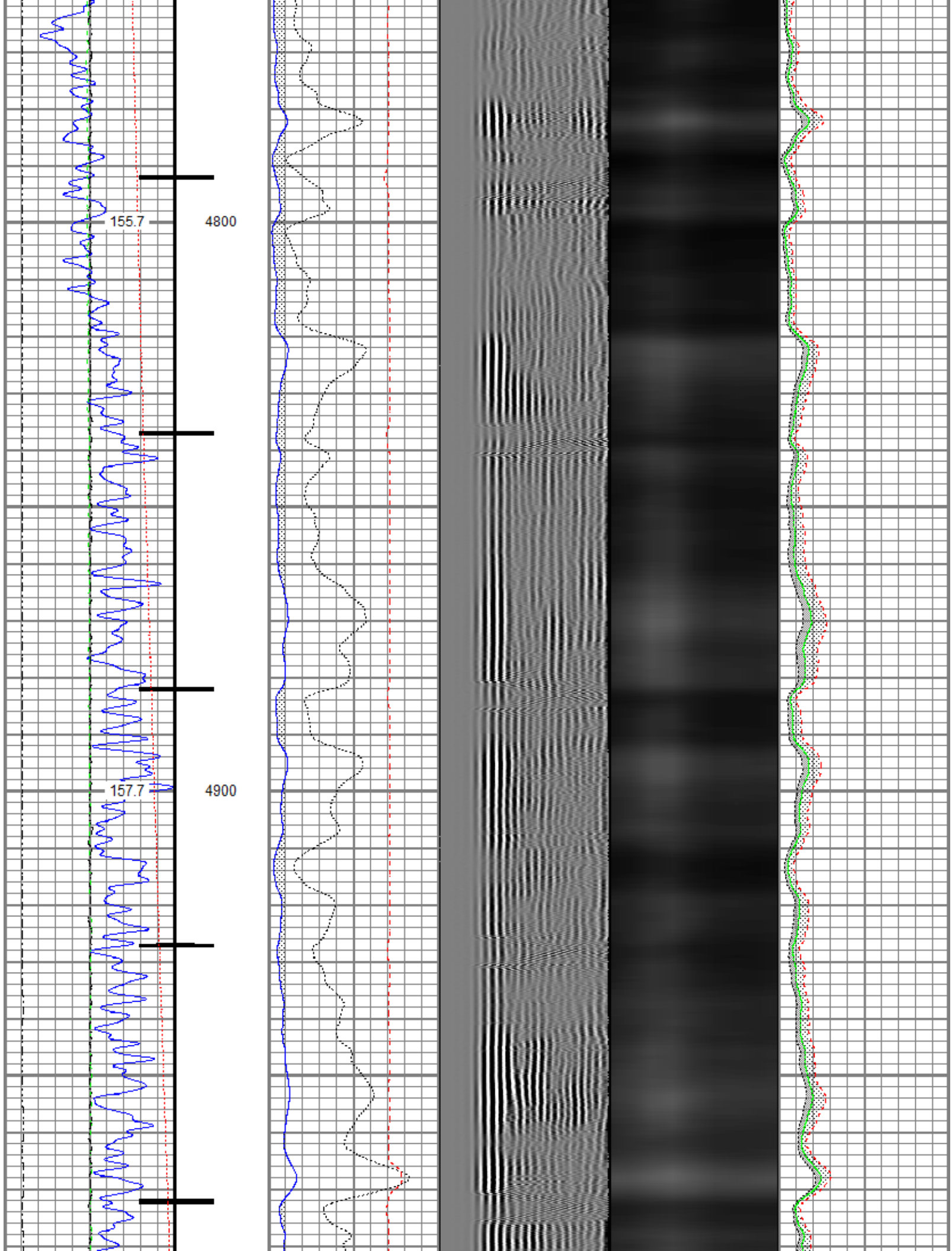


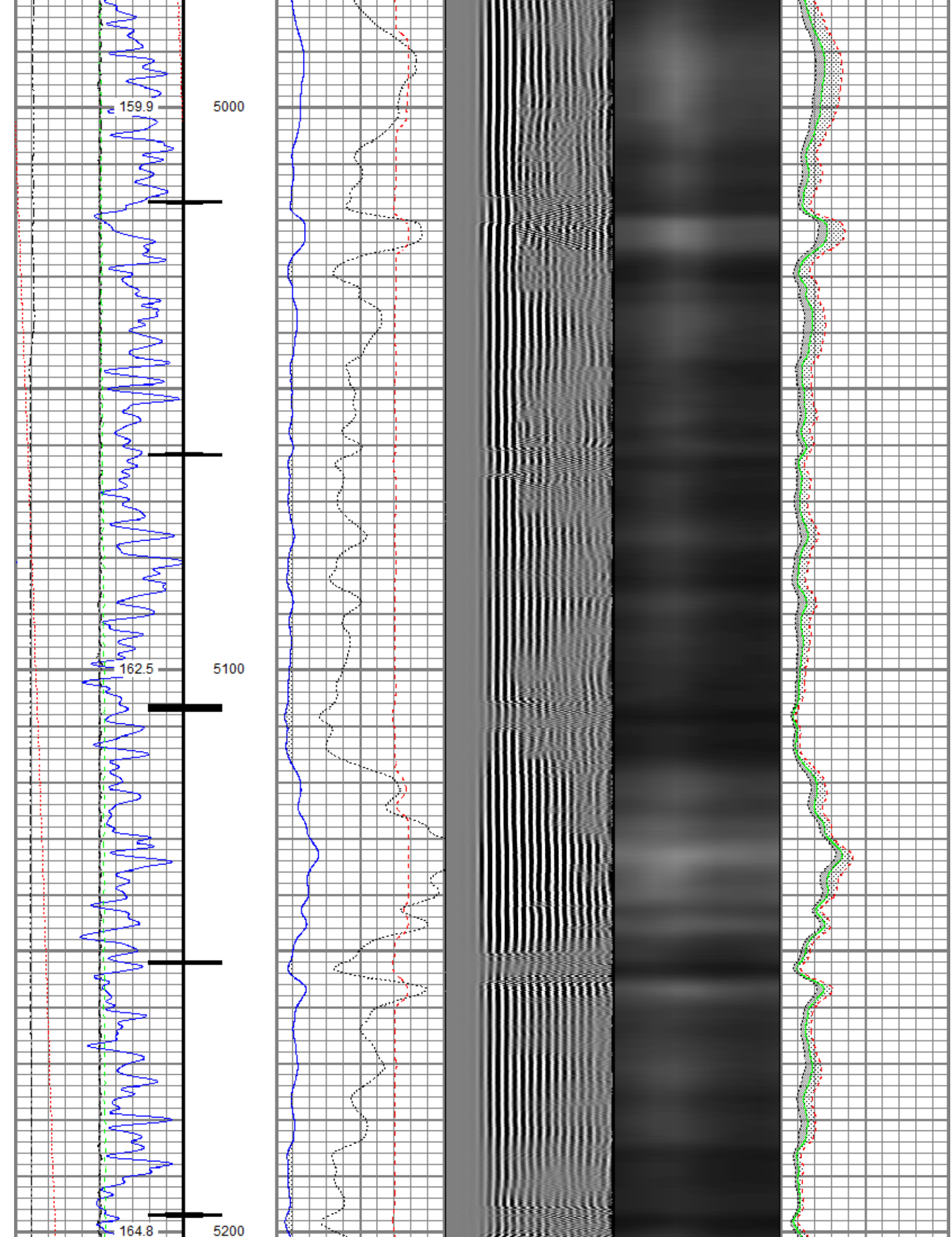


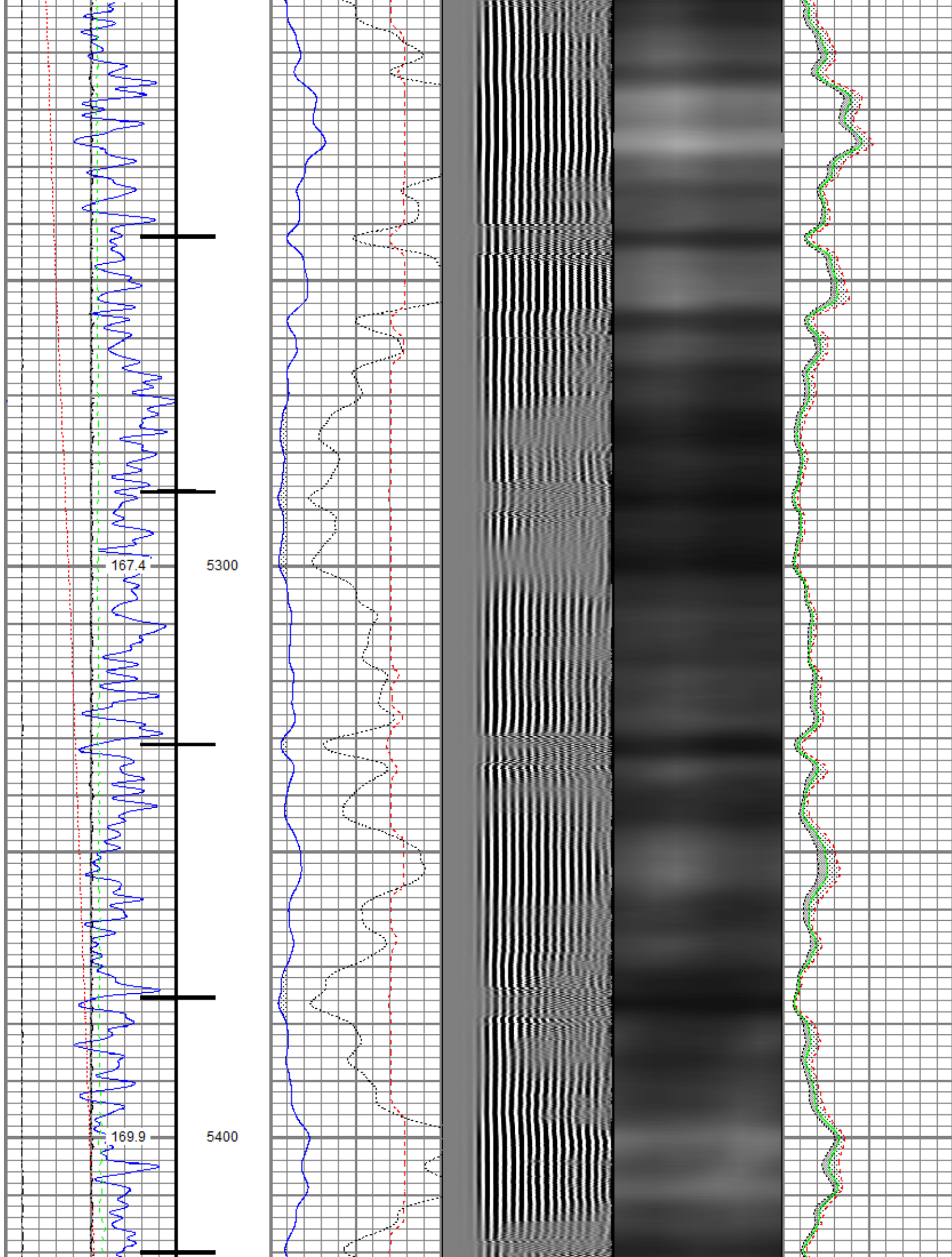


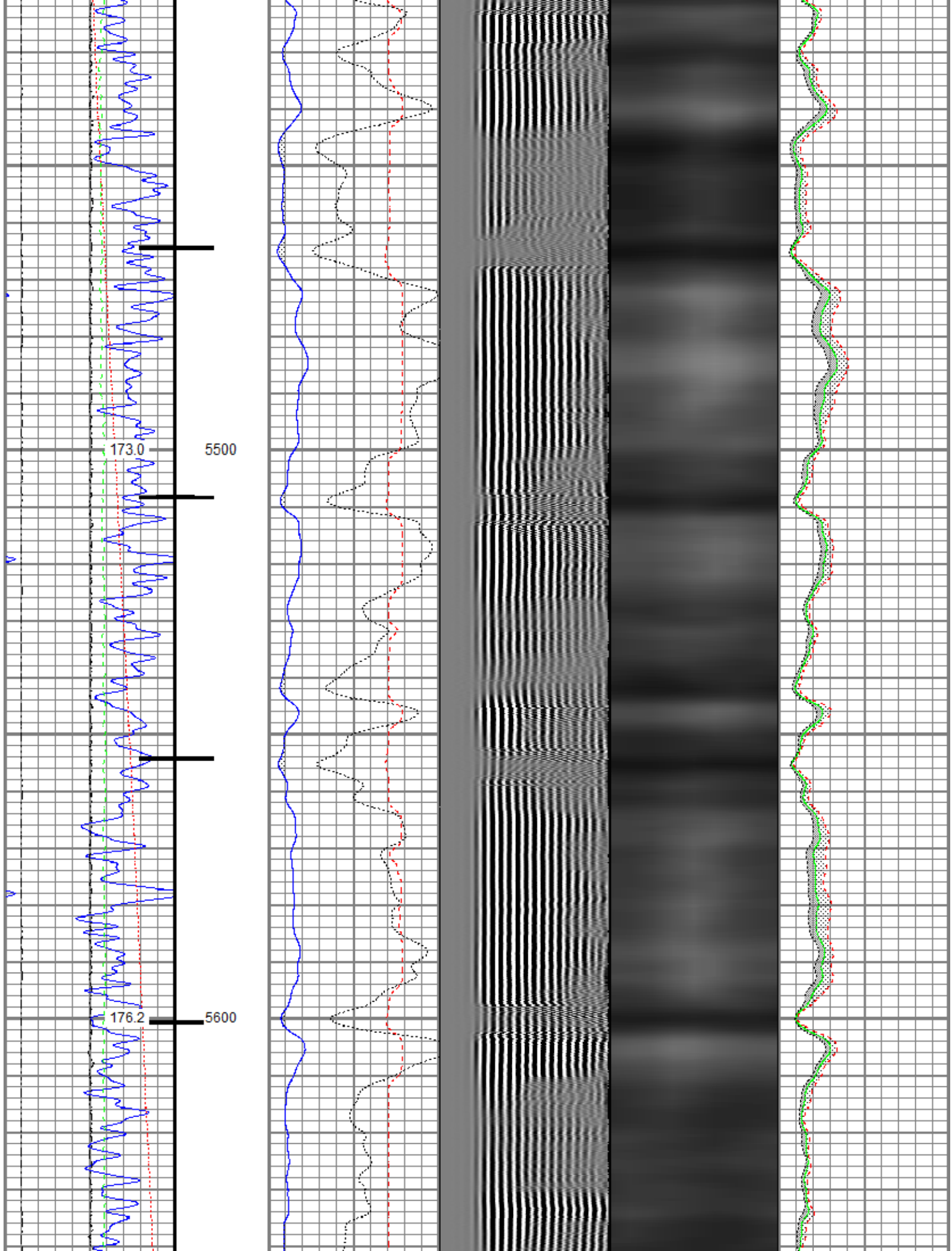


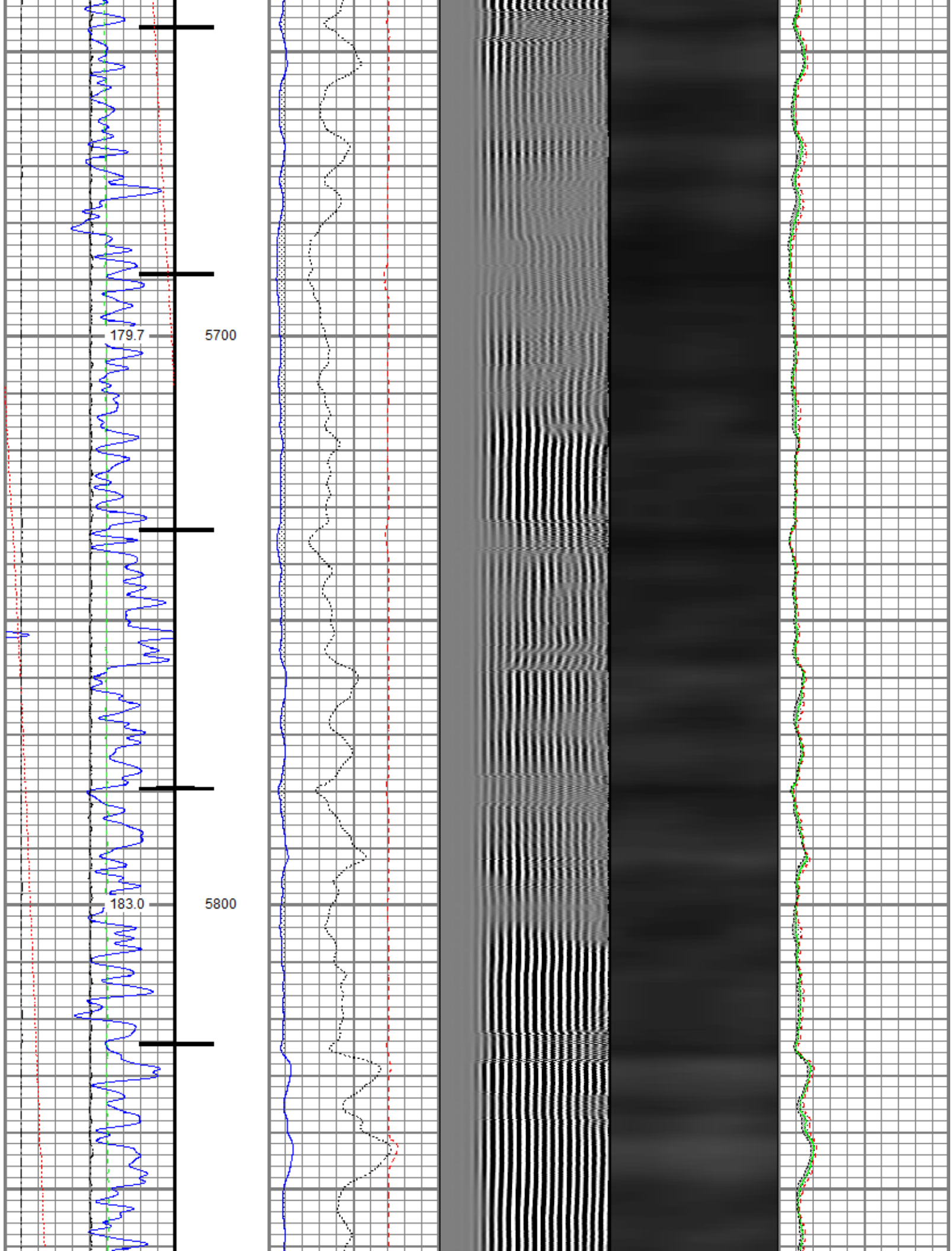


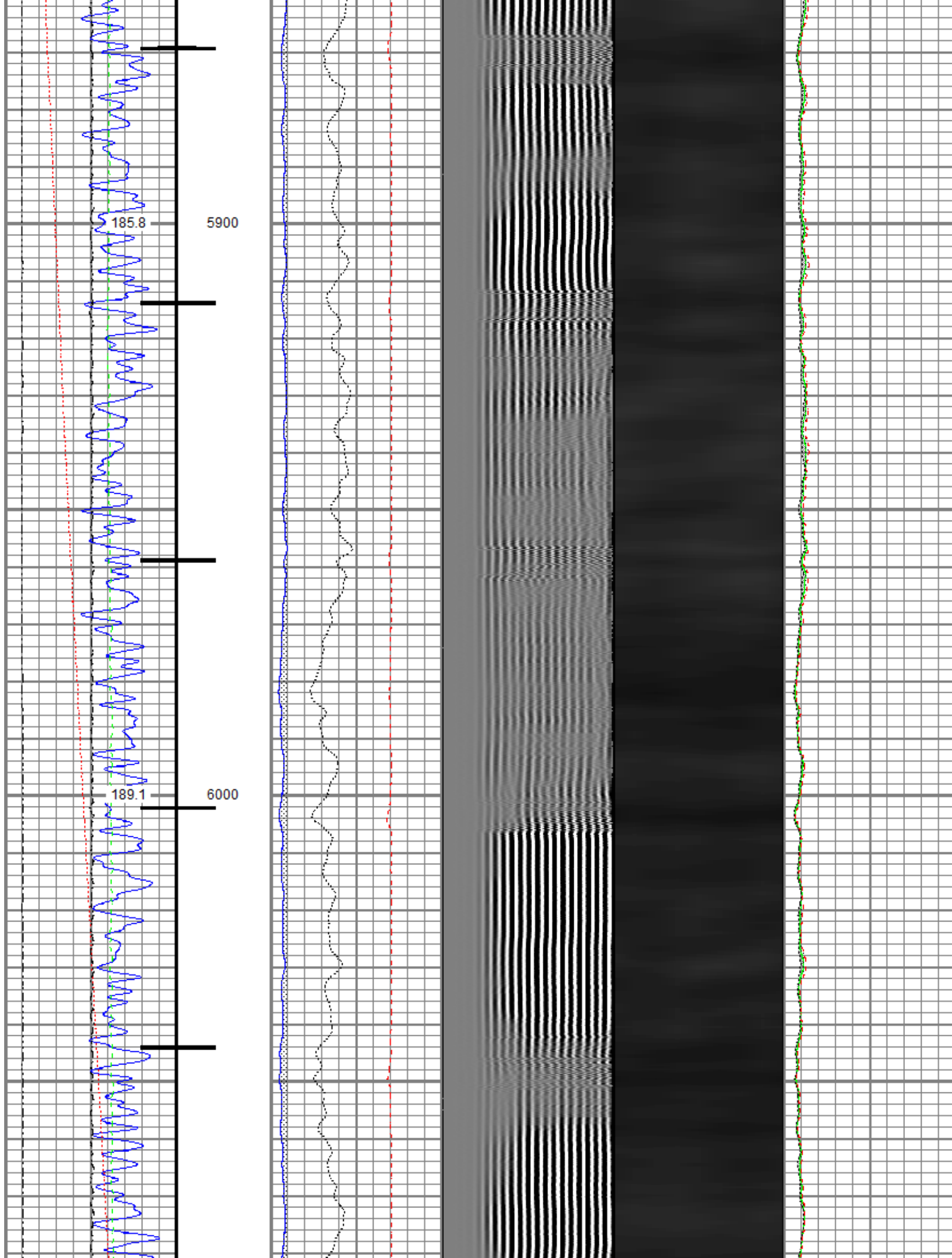


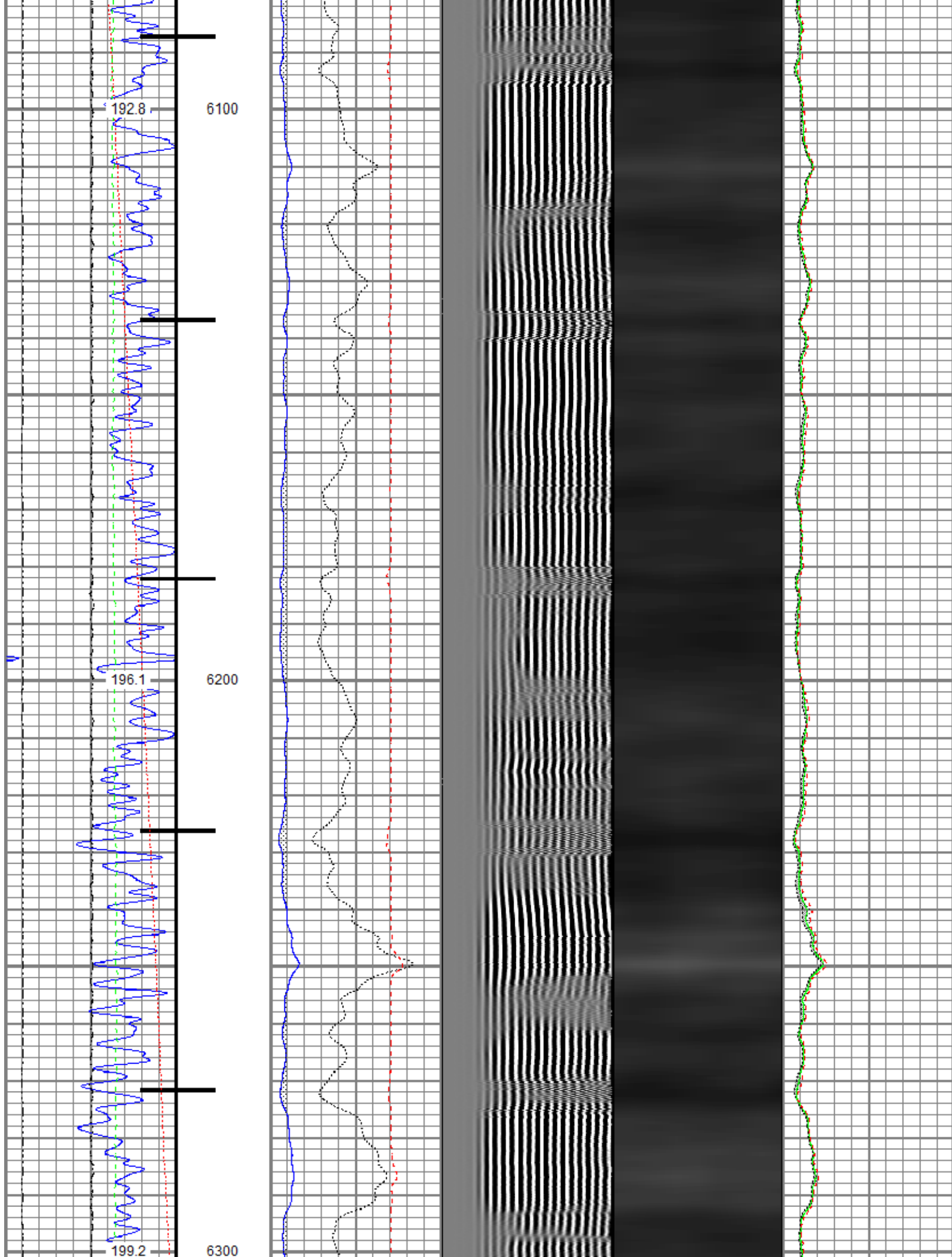


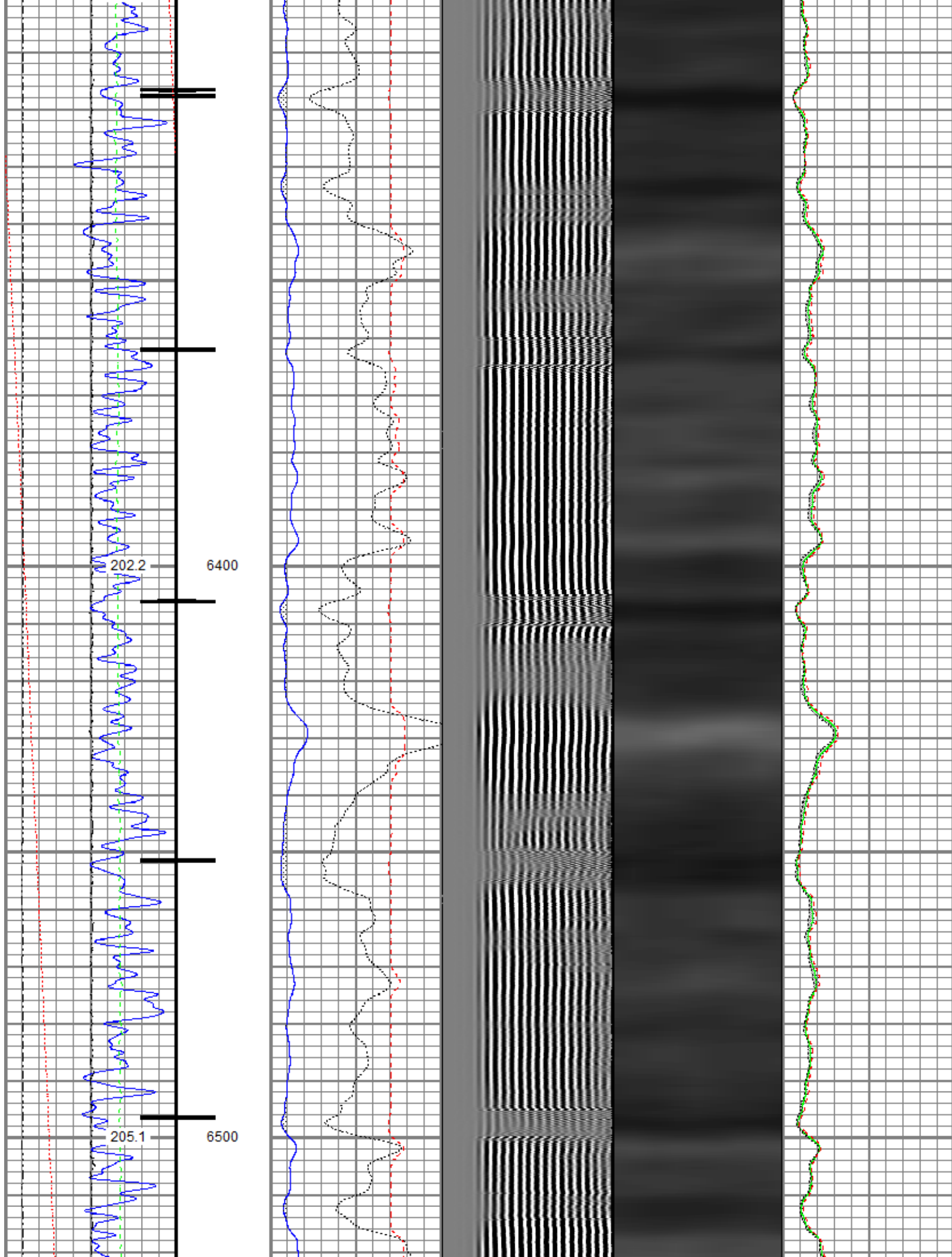


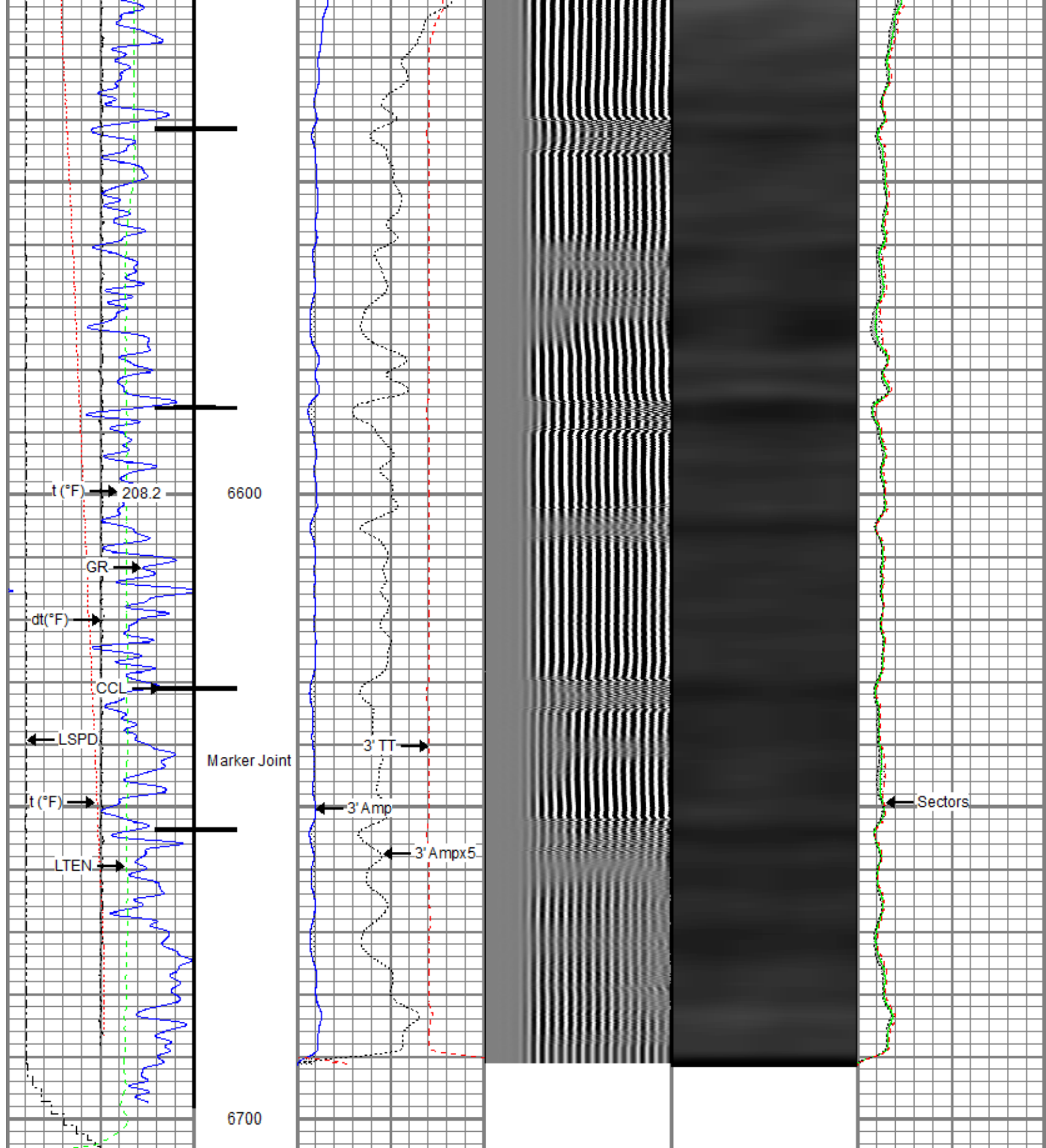












Gamma Ray	0	3' Amplitude (mV)	100	5' Variable Density Log	Sector Map	0	Average Amplitude	100
(GAPI)	120	3' Amplitude x 5	200	(usec)			Minimum Amplitude	
Casing Collar Locator		(mV)	20					100
0 Temperature (degF)	20	3' Travel Time					Maximum Amplitude	
Line Speed		(usec)	150					100
-150 (ft/min)	150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

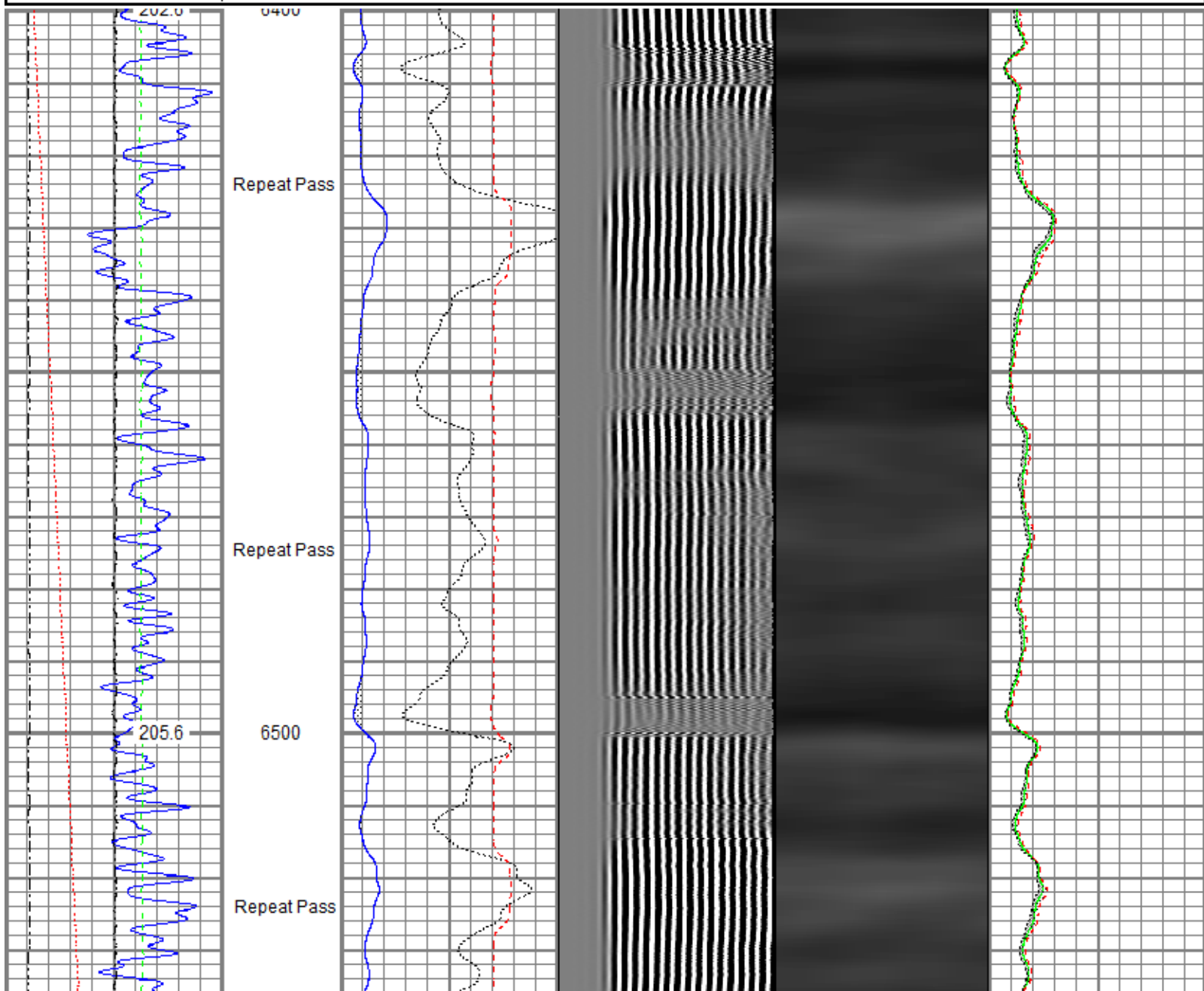


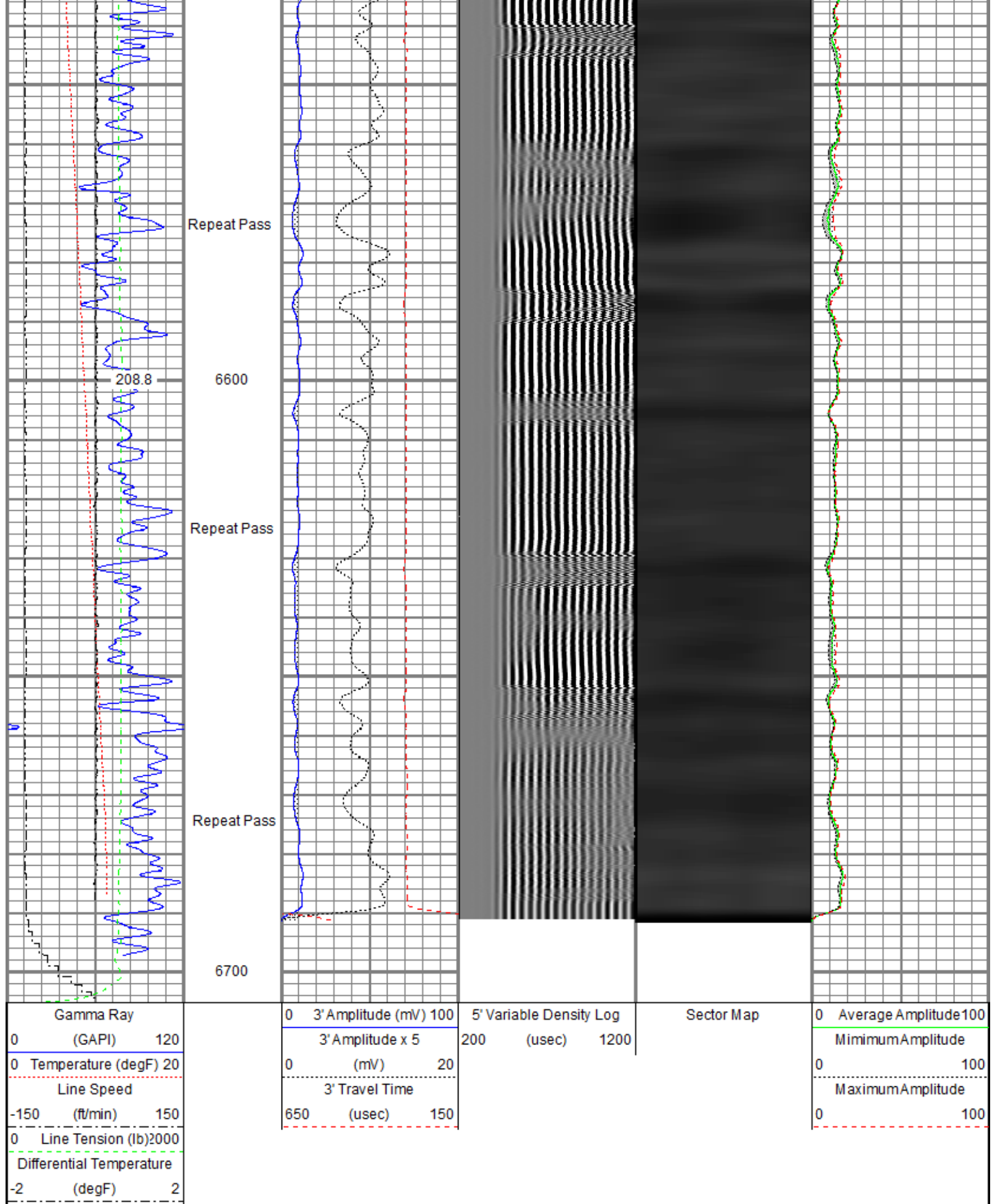
Repeat Pass

Recorded With 0 PSI Surface Induced Pressure

Database File oxy\0506906515_oxy_jodster north 25-10hz_rbl_02-17-20\processed_0506906515_oxy_jodster north 25-10hz_rbl_02-17-20.c
Dataset Pathname RBL/pass4.2
Presentation Format ros_radrii
Dataset Creation Wed Feb 19 14:18:14 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
Temperature (degF) 20	0	(mV) 20			0	100
Line Speed		3' Travel Time				Maximum Amplitude
(ft/min) 150	650	(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 with 1" Fishing Neck			
			Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
TEMP	17.04					
WVFS8	14.81		Probe Radii-2750 RBT (120855) Probe 2-3/4" Radial Cement Bond Tool with Integral Temperature Sub	9.39	2.75	105.00
WVFS7	14.81					
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					
			Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
CCL\$2	6.80					
CCL\$1	6.80					
GR	5.46		Probe GR-CCL-2750 6PB (101001) 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
LOCTIM	0.00					
UTCTIM	0.00					
Dataset: processed_0506906515_oxy_jodster north 25-10hz_rbl_02-17-20.db: field/well/RBL/pass6.9 Total length: 23.86 ft Total weight: 223.60 lb O.D.: 2.75 in						

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: -15.035 ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.007	0.616	0.000	71.921	118.076	-0.850
CAL	0.617	0.617				
5'	0.010	0.545	0.000	71.921	134.327	-1.339
SUM						
S1	0.004	0.605	0.000	100.000	166.430	-0.647
S2	0.007	0.615	0.000	100.000	164.602	-1.213
S3	0.008	0.625	0.000	100.000	162.028	-1.302
S4	0.007	0.613	0.000	100.000	164.867	-1.090
S5	0.007	0.615	0.000	100.000	164.395	-1.146
S6	0.007	0.612	0.000	100.000	165.377	-1.204
S7	0.008	0.588	0.000	100.000	172.474	-1.453
S8	0.007	0.595	0.000	100.000	169.930	-1.180

Air Zero Calibration, performed Mon Feb 17 06:50:34 2020:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.008	0.000	-0.000
5'	0.008	0.000	0.000
SUM			
S1	0.004	0.000	0.000
S2	0.009	0.000	-0.000
S3	0.008	0.000	-0.000
S4	0.008	0.000	-0.000
S5	0.008	0.000	-0.000
S6	0.008	0.000	-0.000
S7	0.008	0.000	0.000
S8	0.008	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 25-10HZ

Field Wattenberg

County Larimer

State Colorado