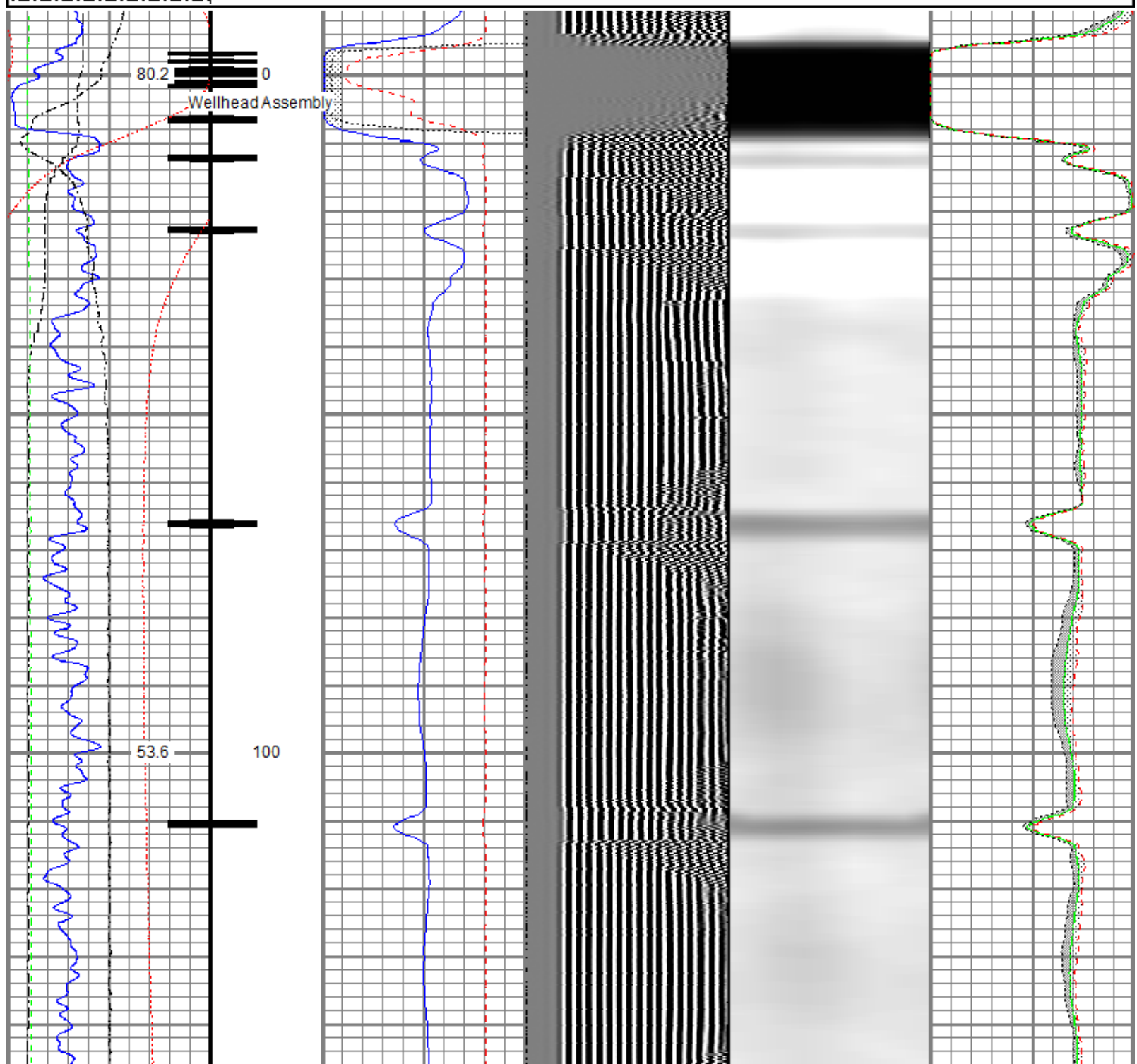
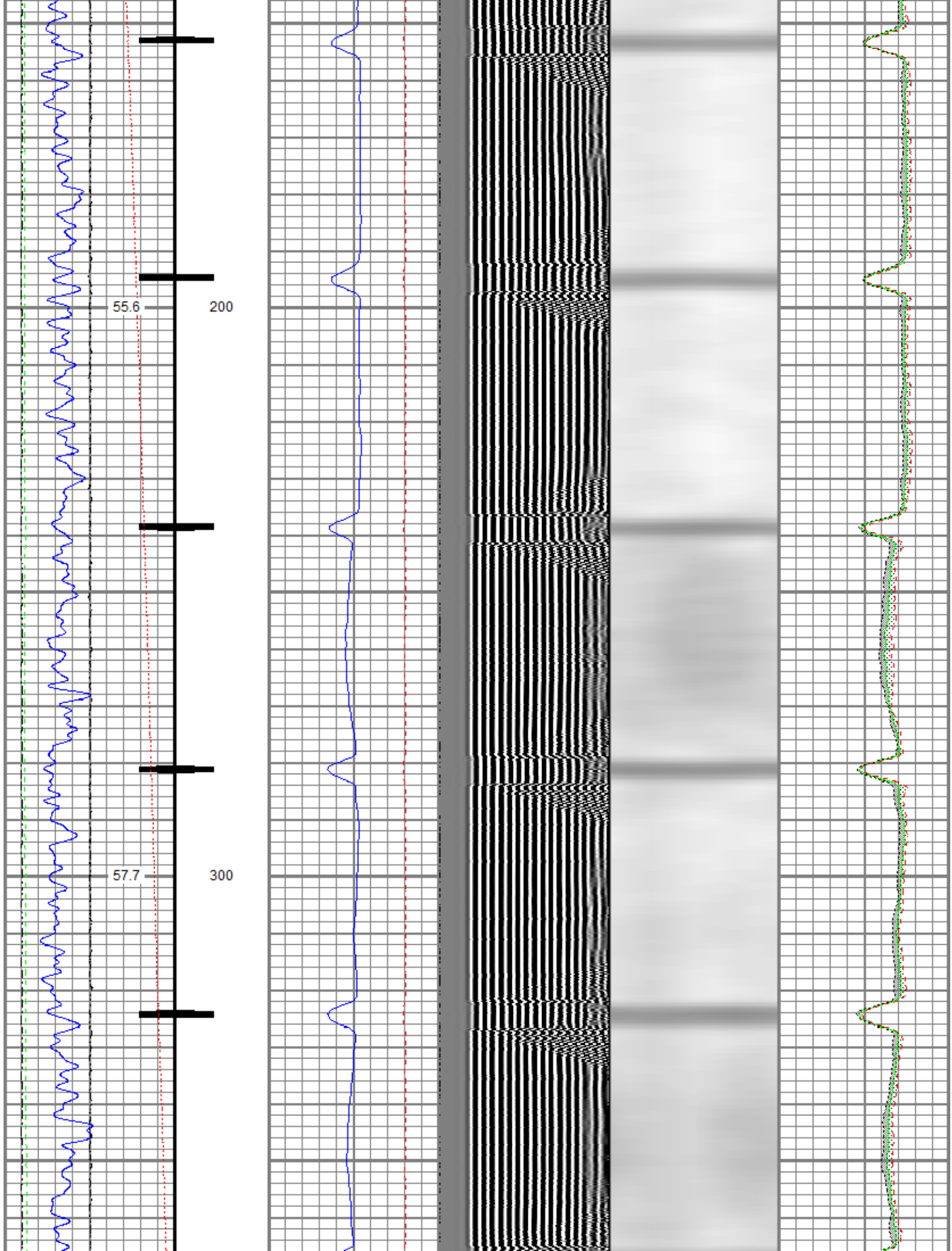
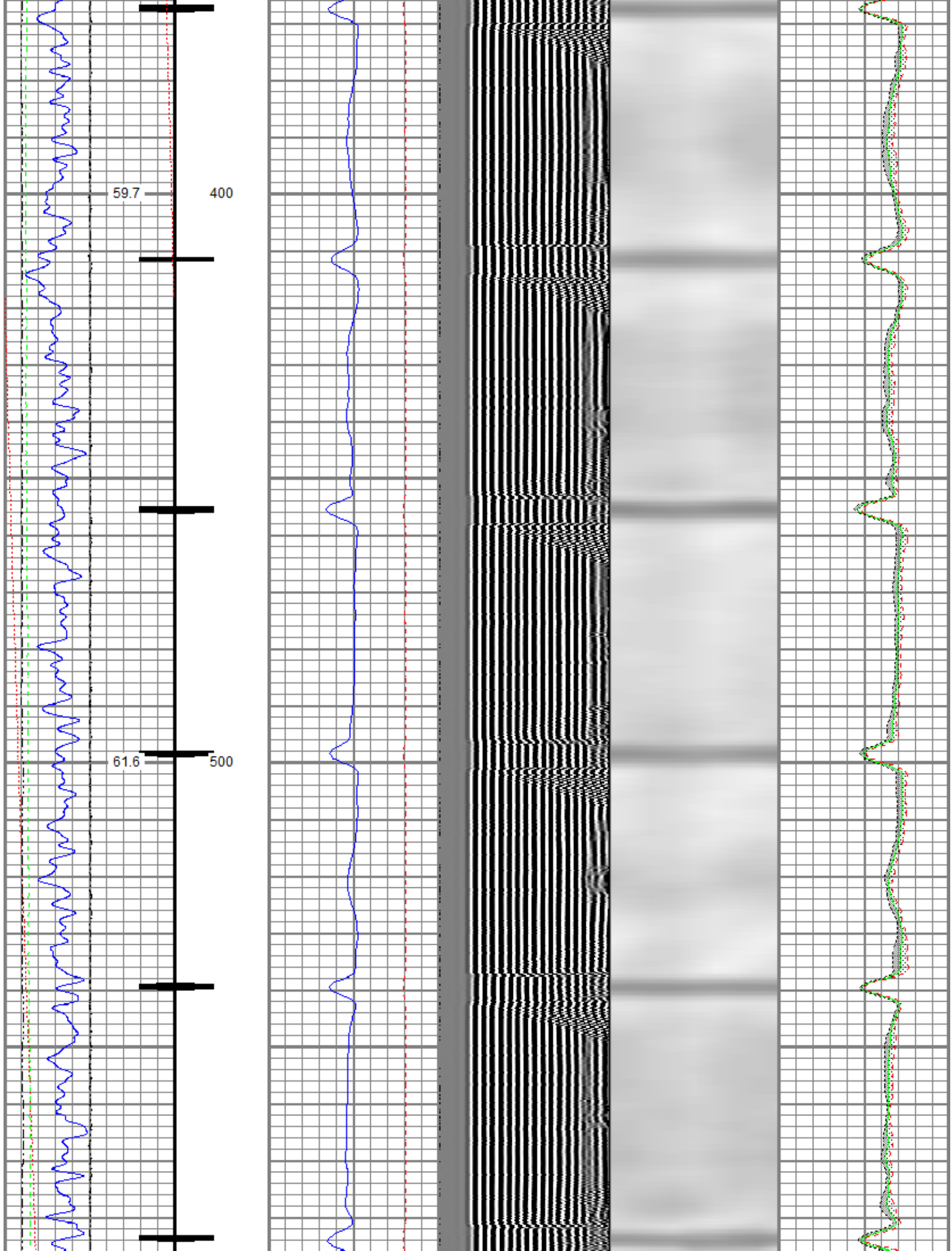


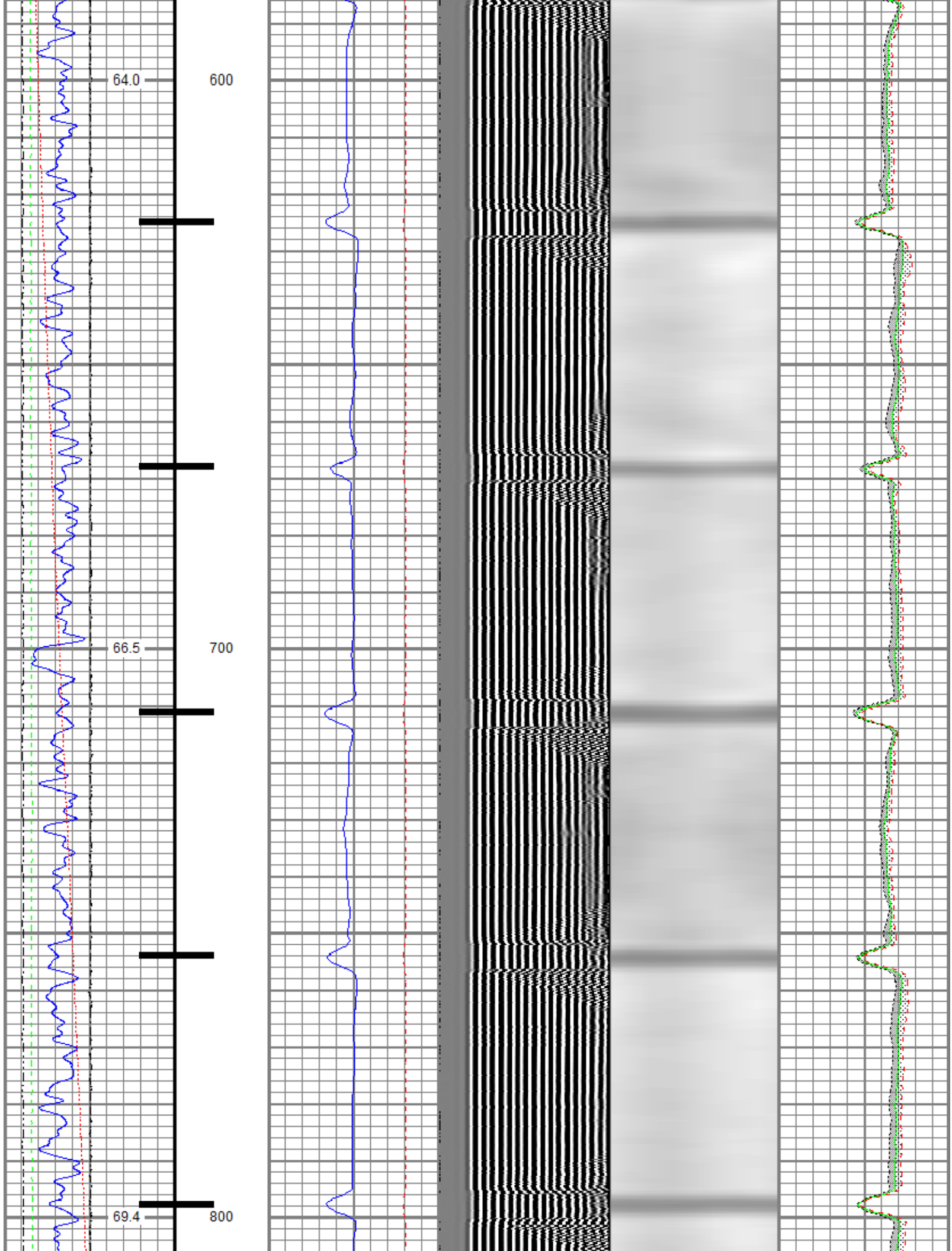
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Dataset Pathname	main.1
Presentation Format	ros_radri
Dataset Creation	Thu Jun 20 13:16:31 2019
Charted by	Depth in Feet scaled 1:240

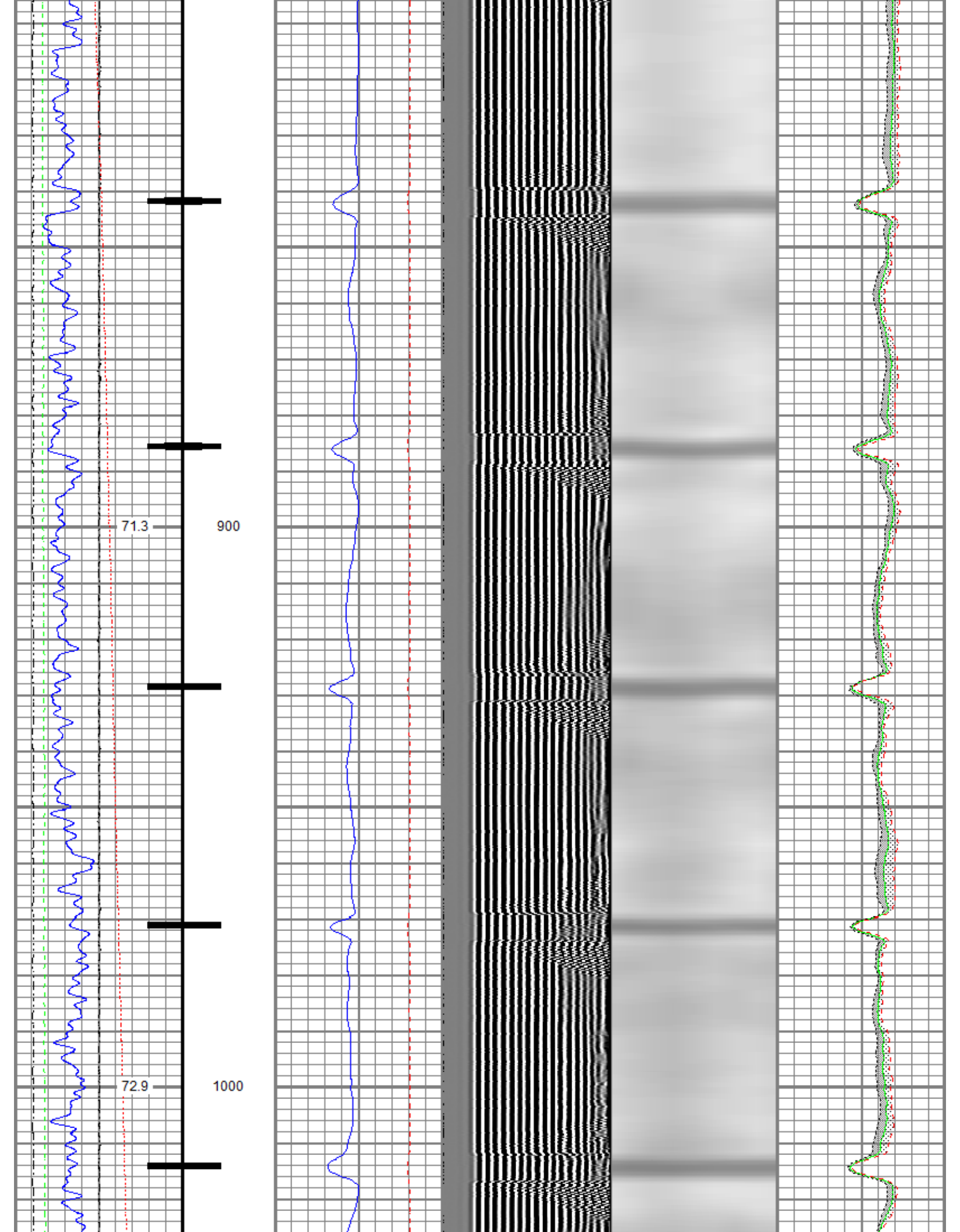
Gamma Ray	0	3' Amplitude (mV) 100	5' Variable Density Log	Sector Map	0	Average Amplitude 100
(GAPI) 120		3' Amplitude x 5	200			Minimum Amplitude
Casing Collar Locator		0 (mV) 20			0	100
0 Temperature (degF) 20		3' Travel Time				Maximum Amplitude
Line Speed		650 (usec) 150			0	100
-150 (ft/min) 150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

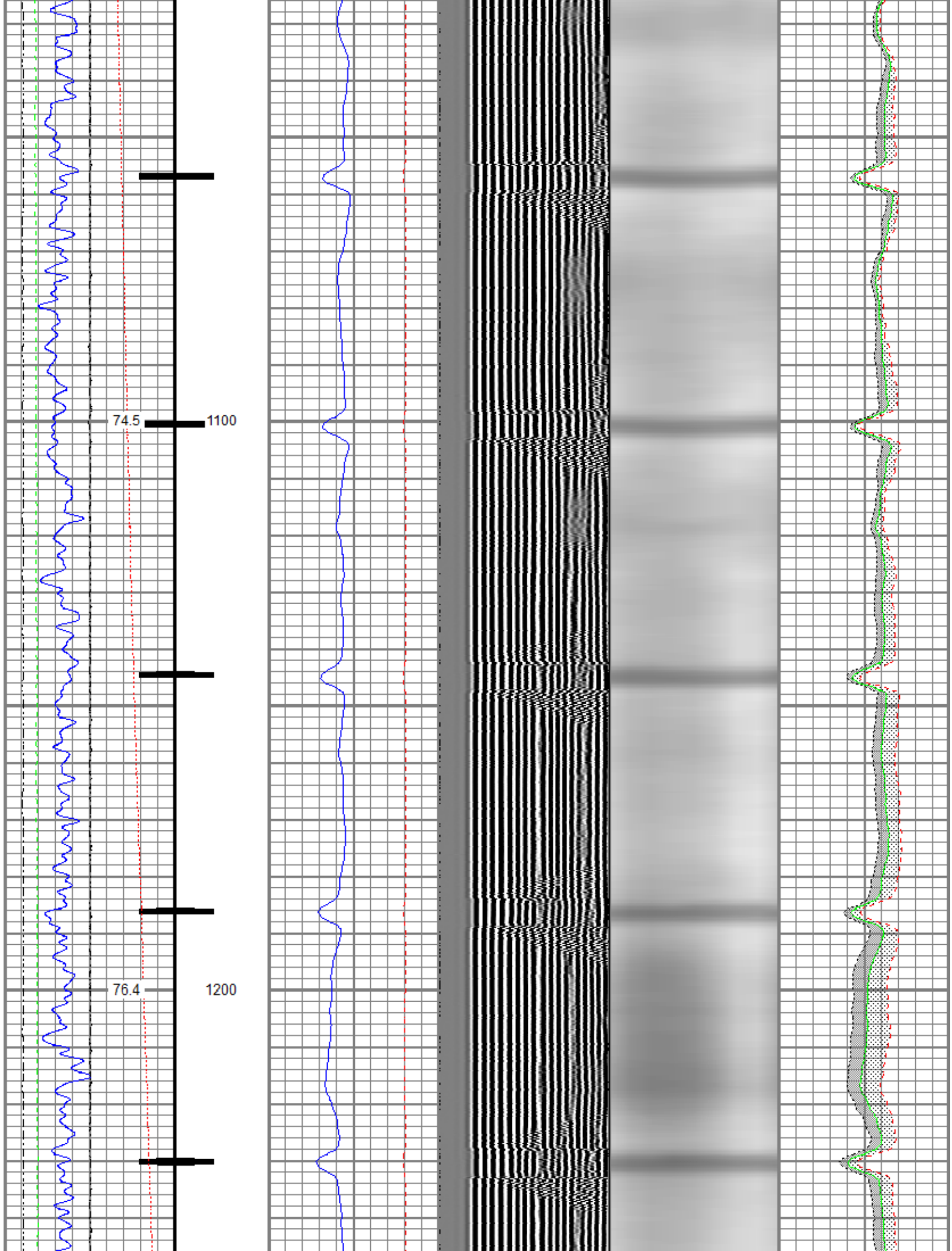


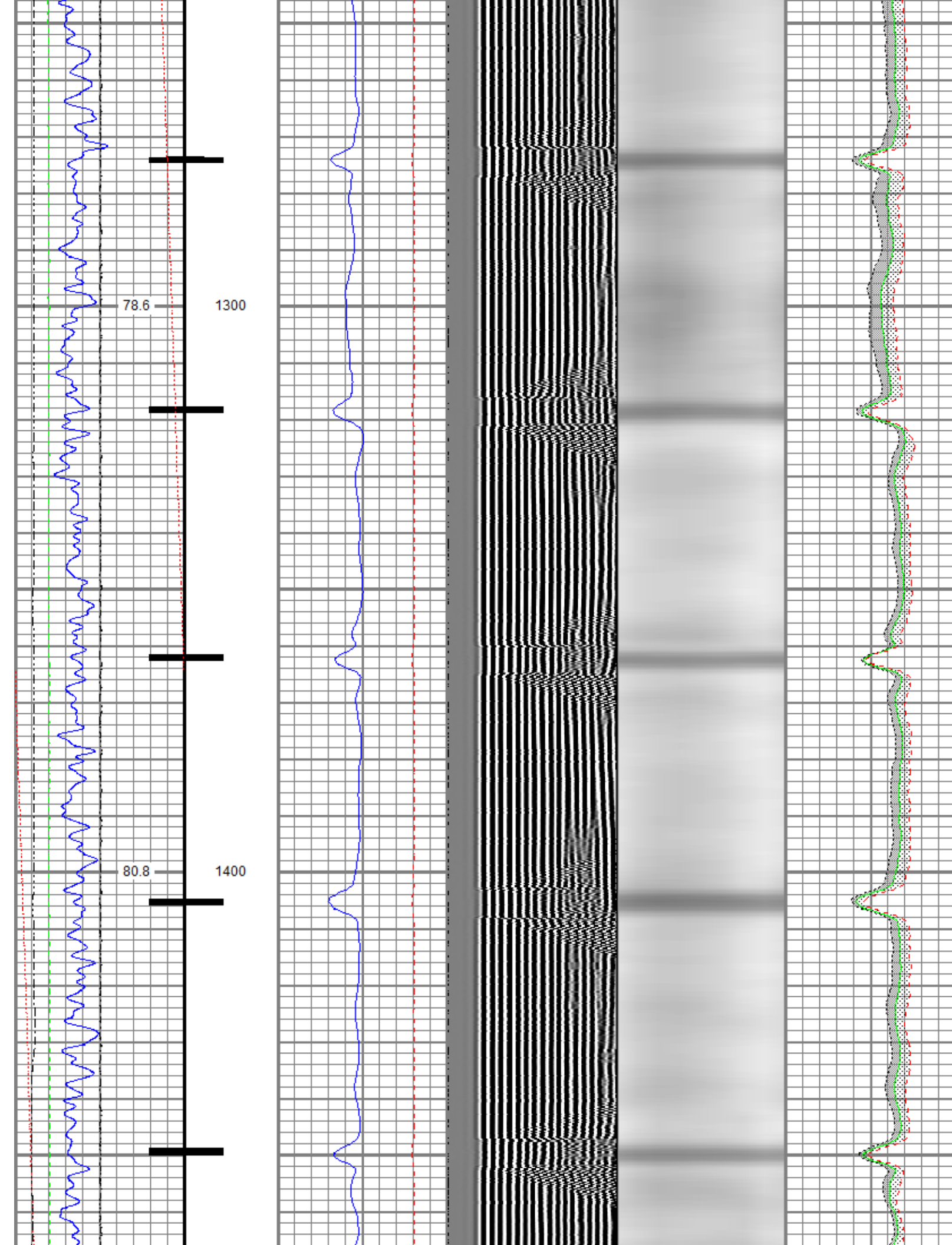


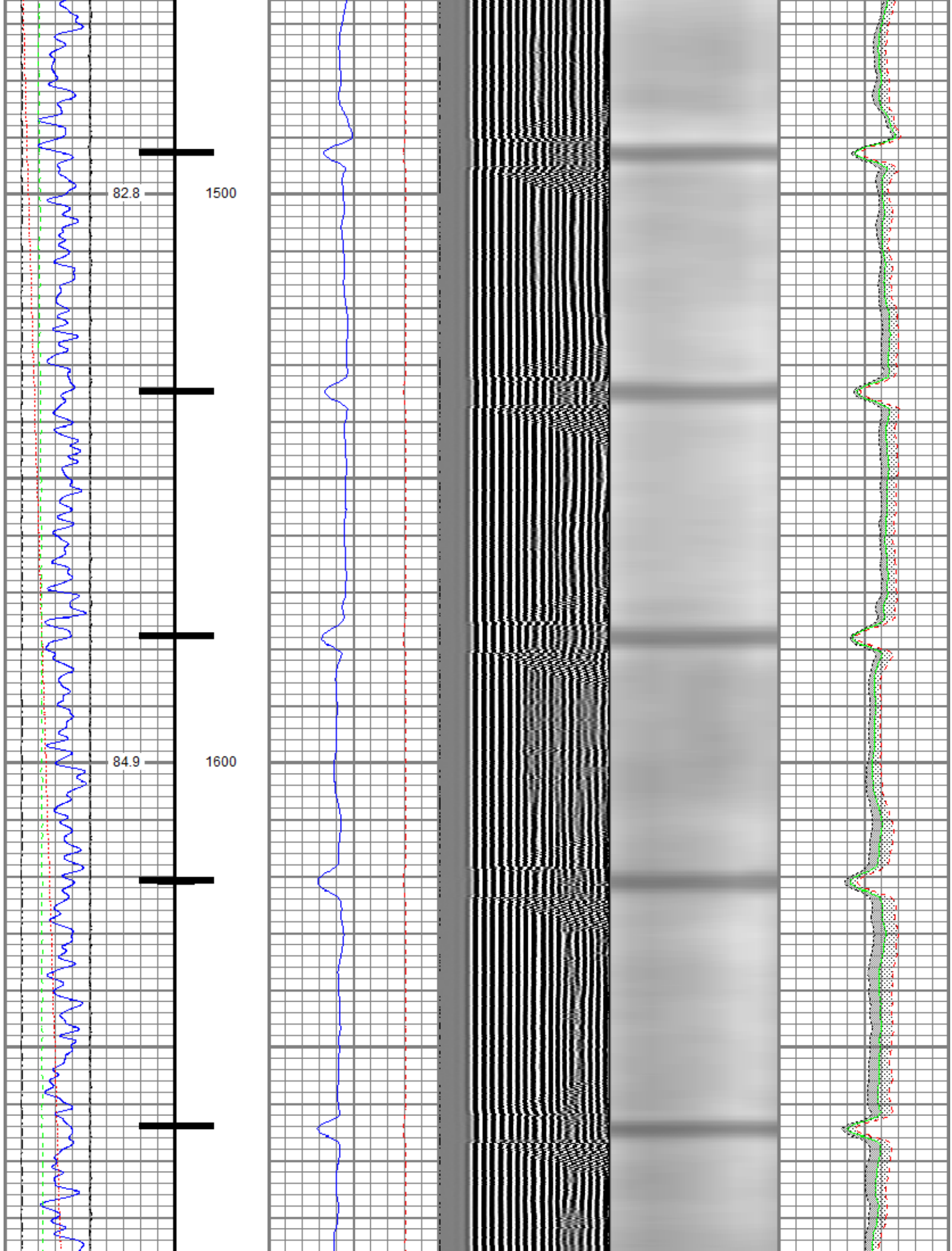


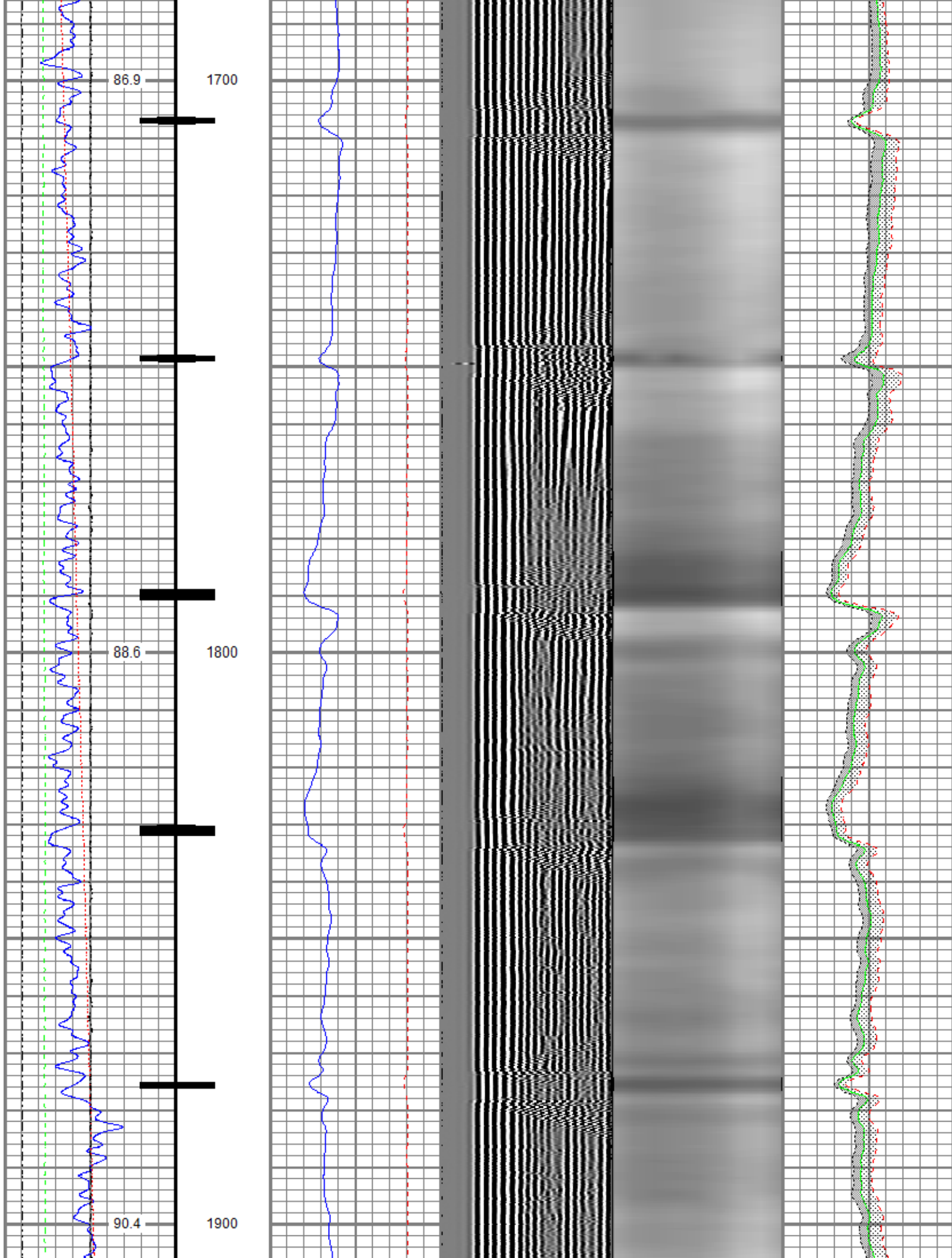


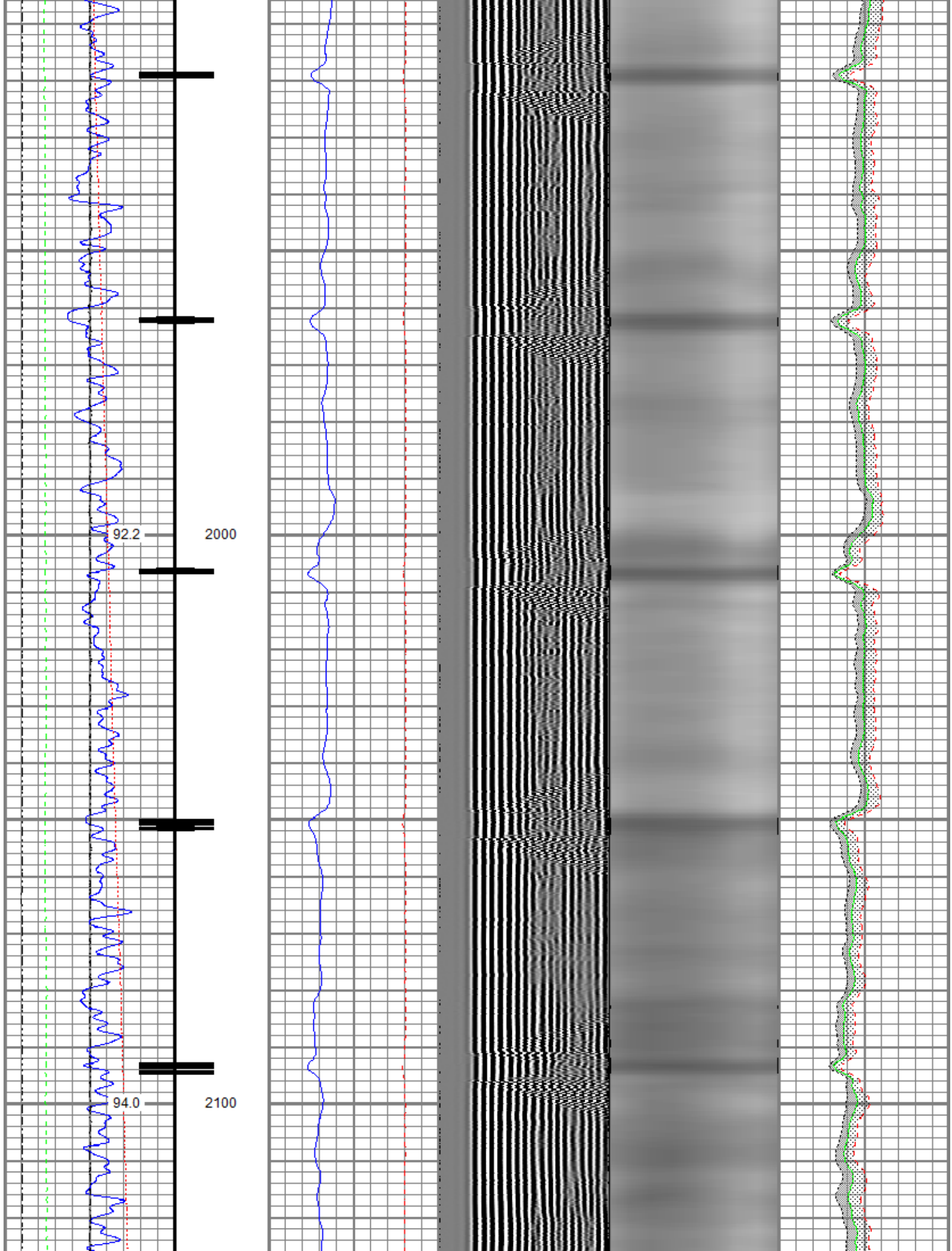


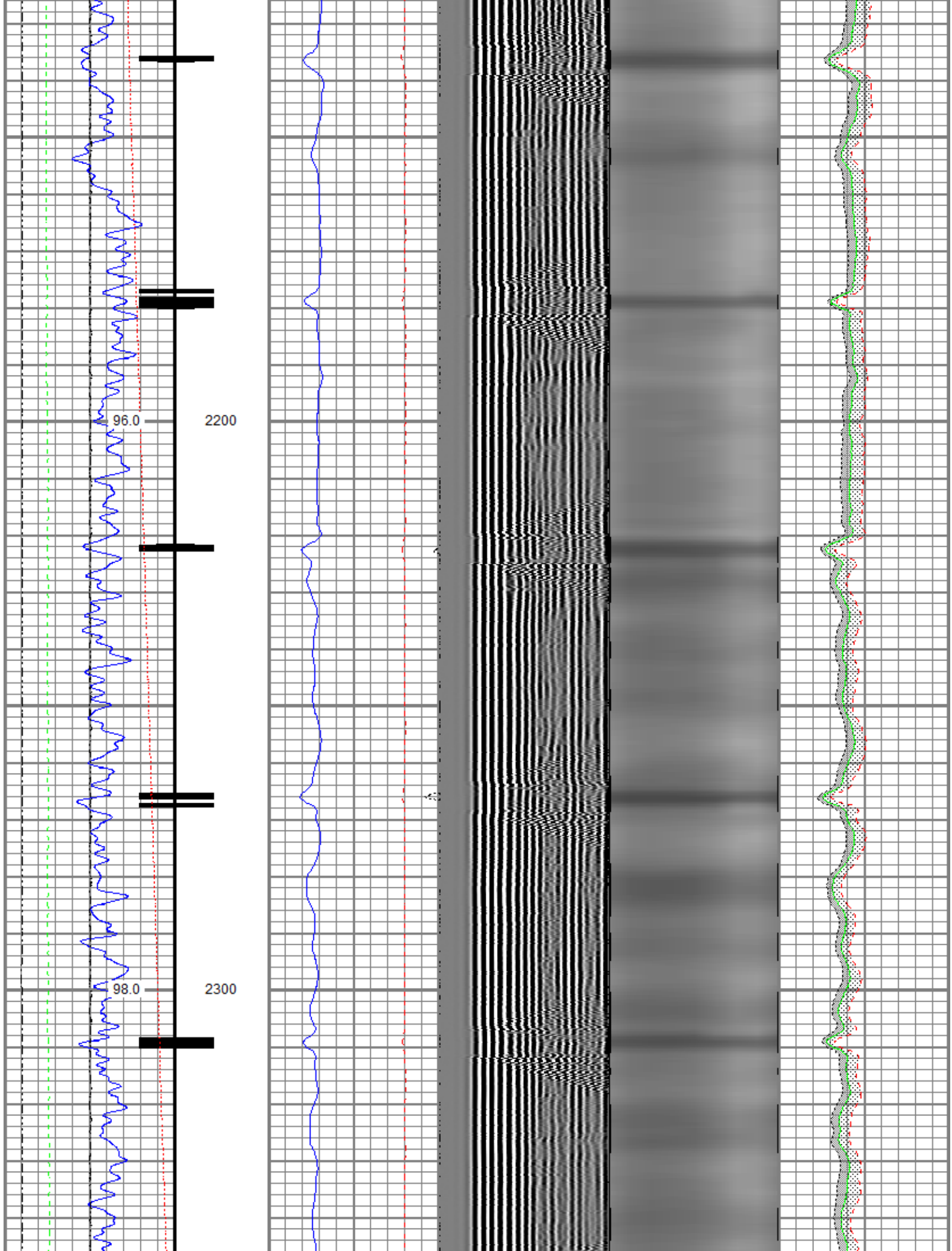


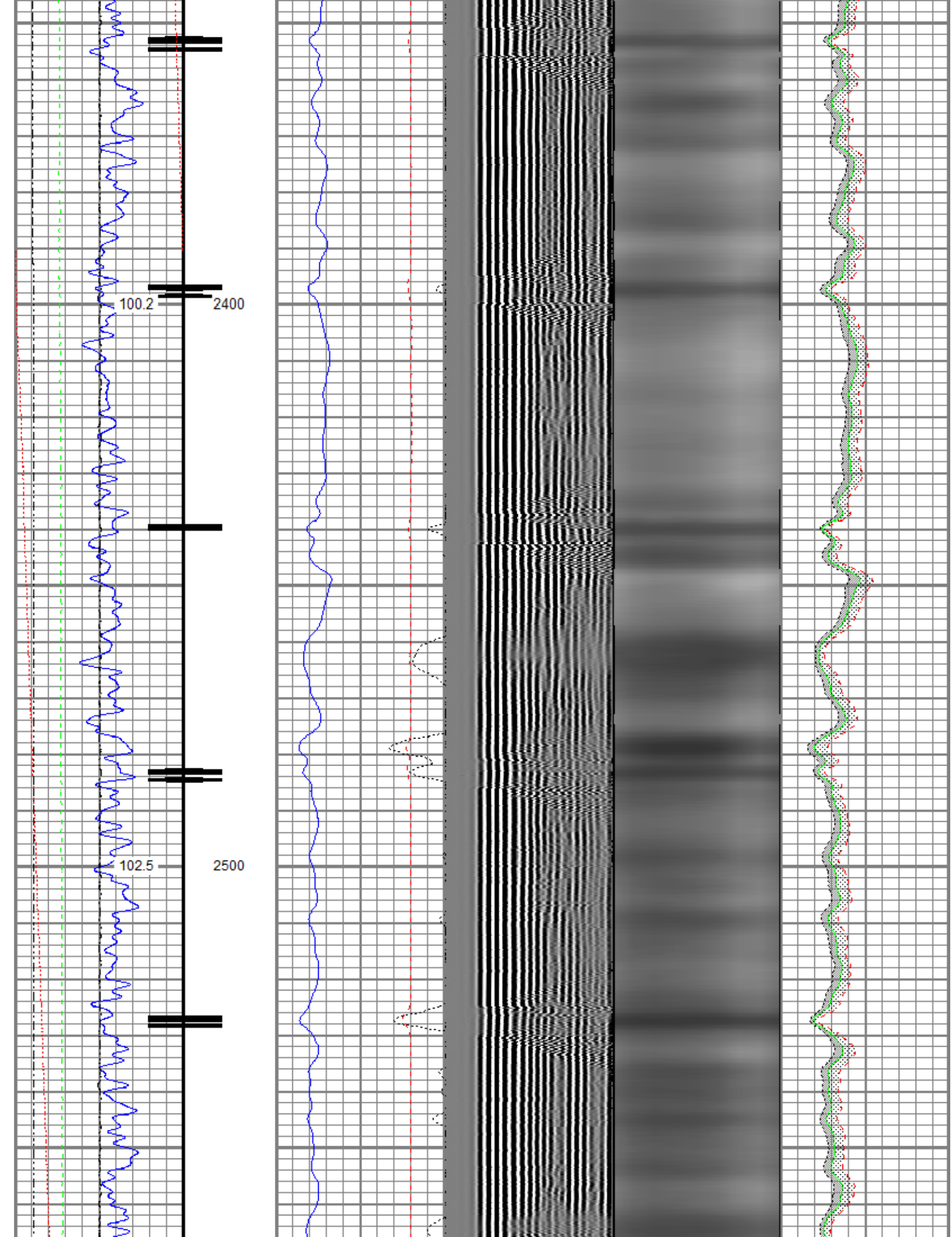


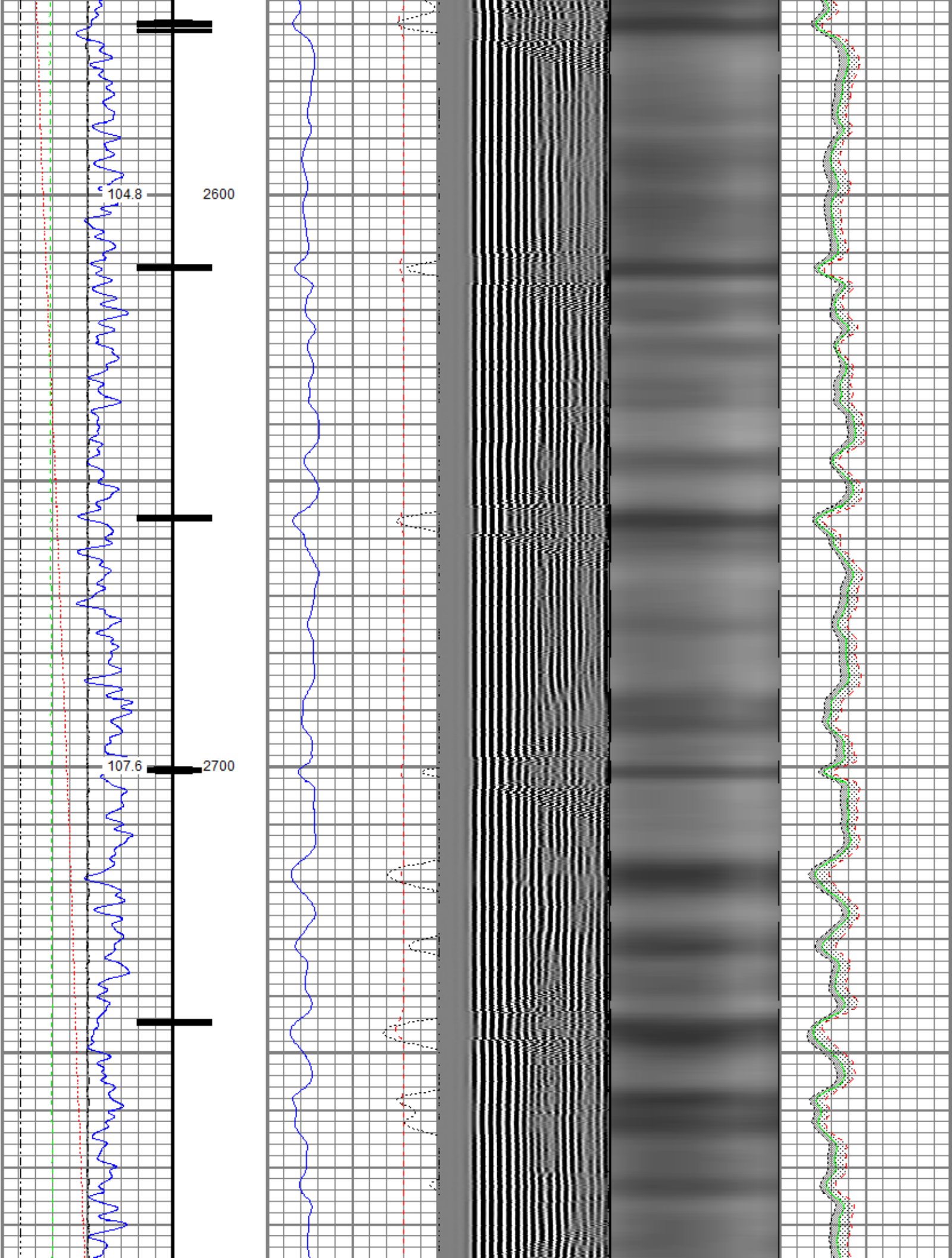


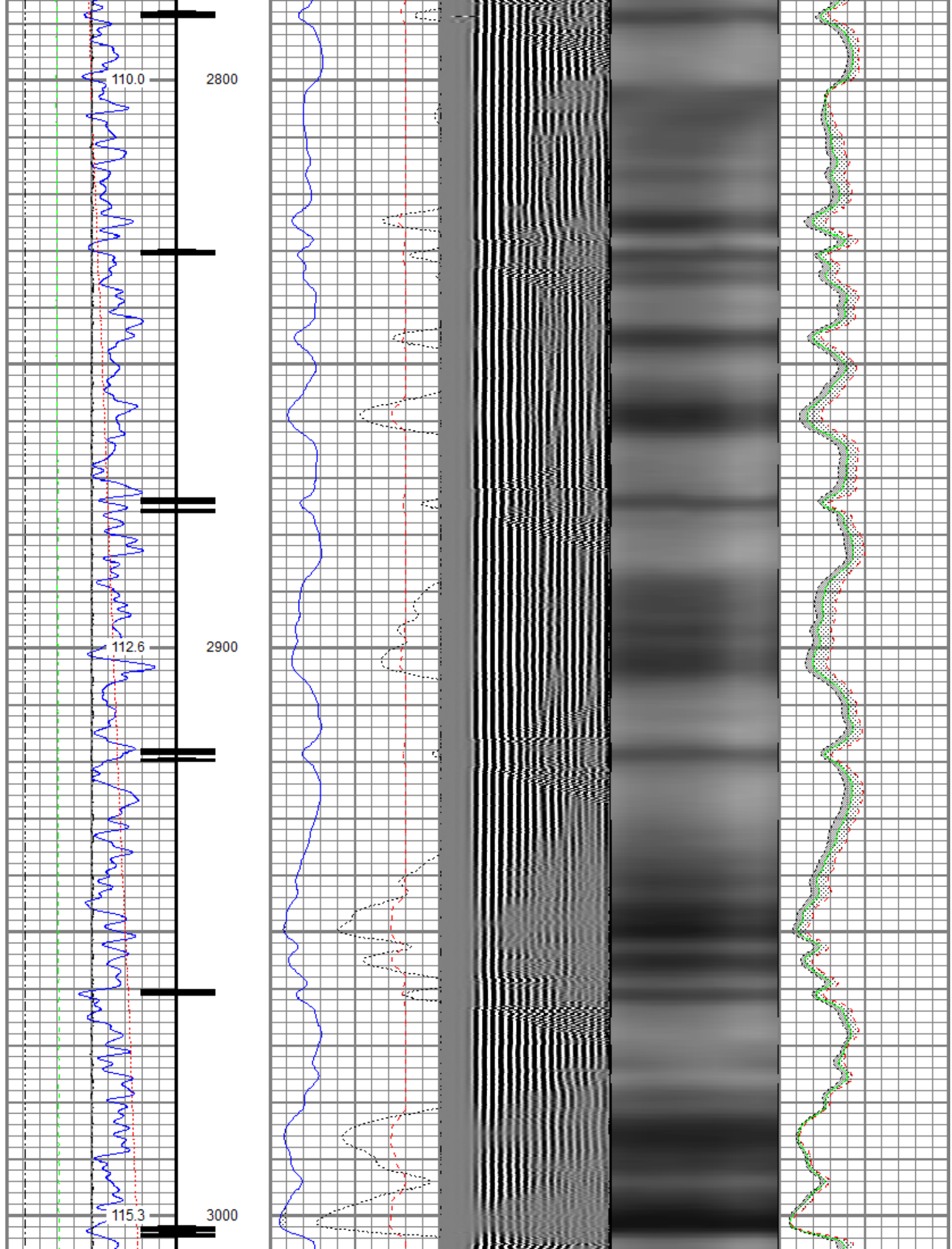


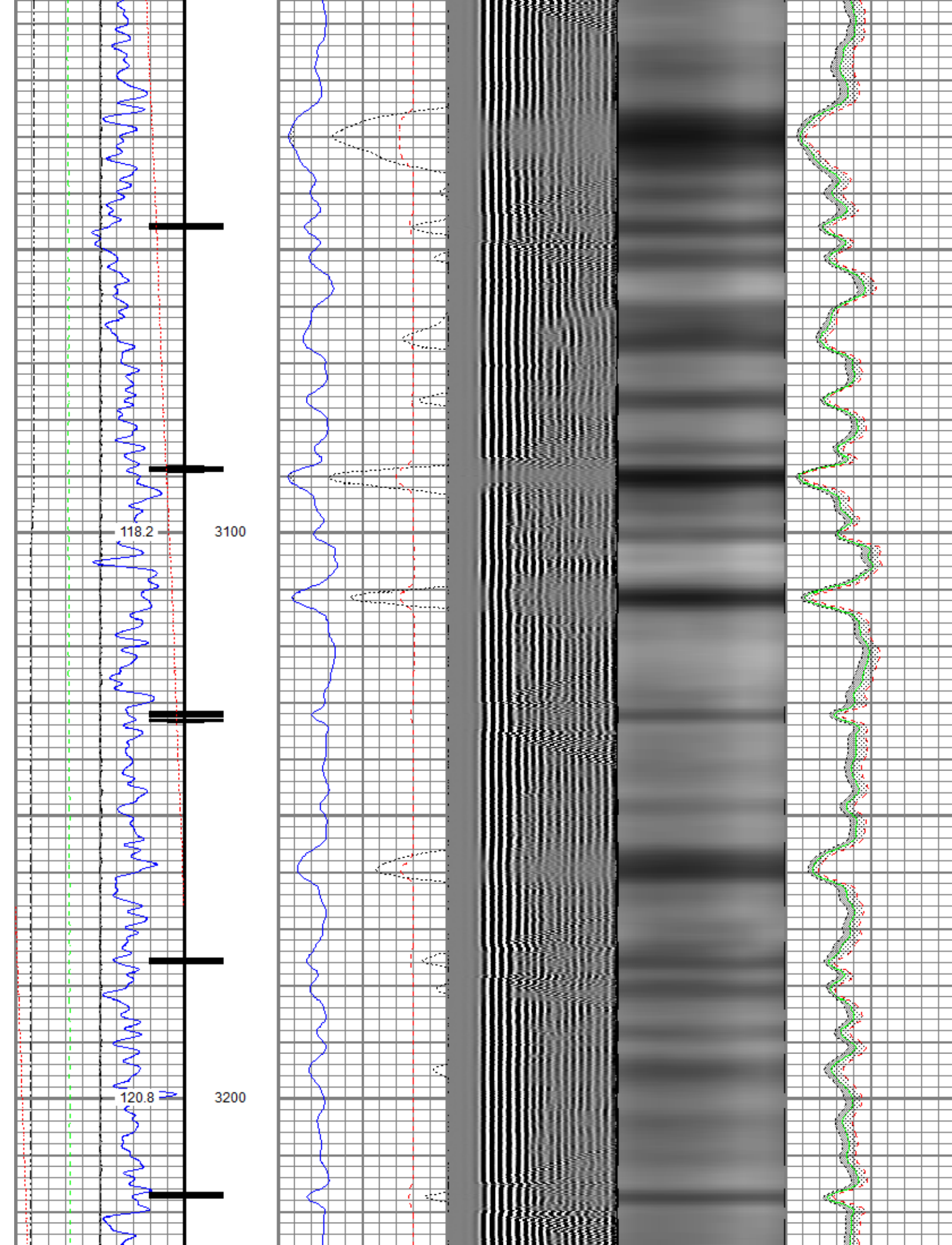


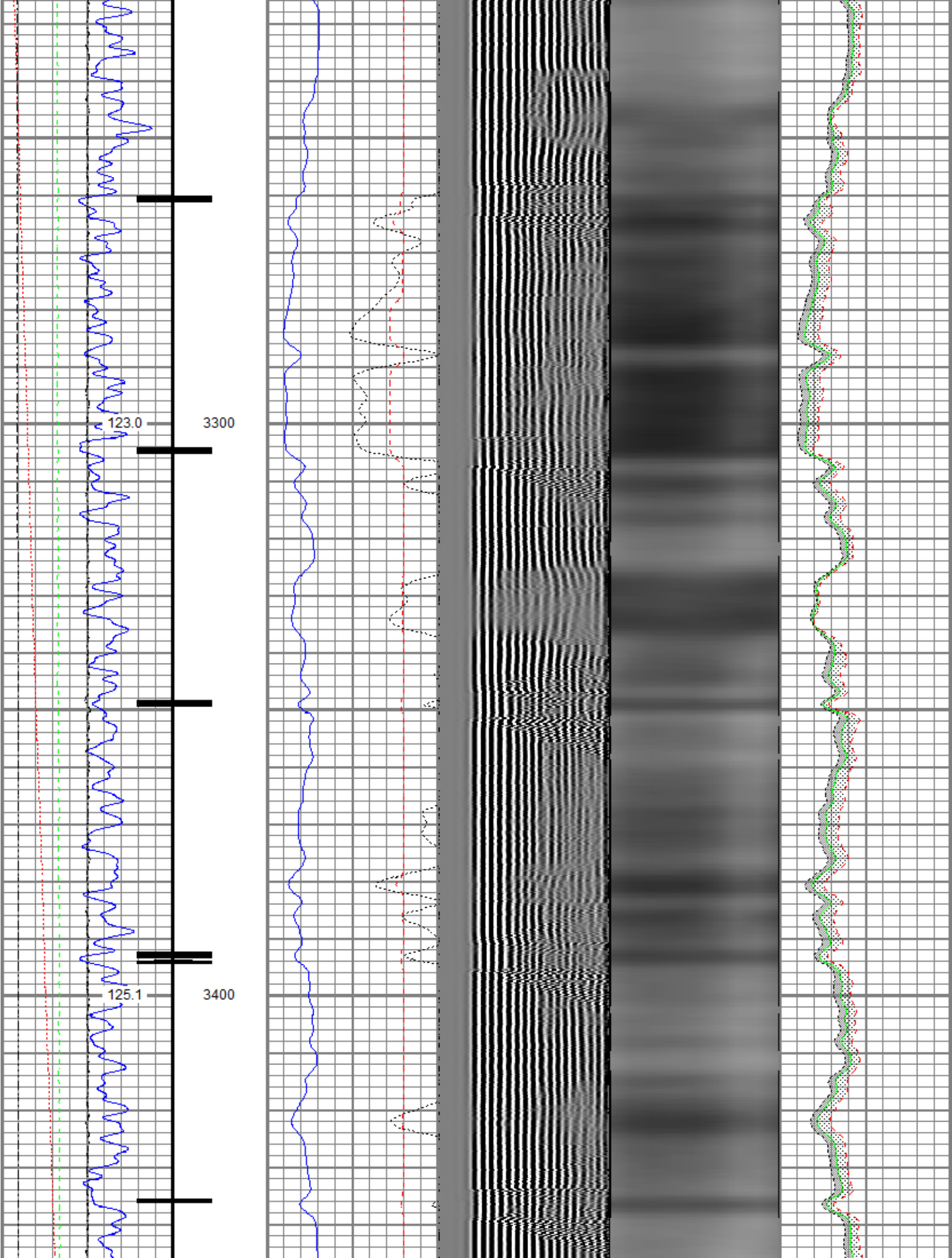


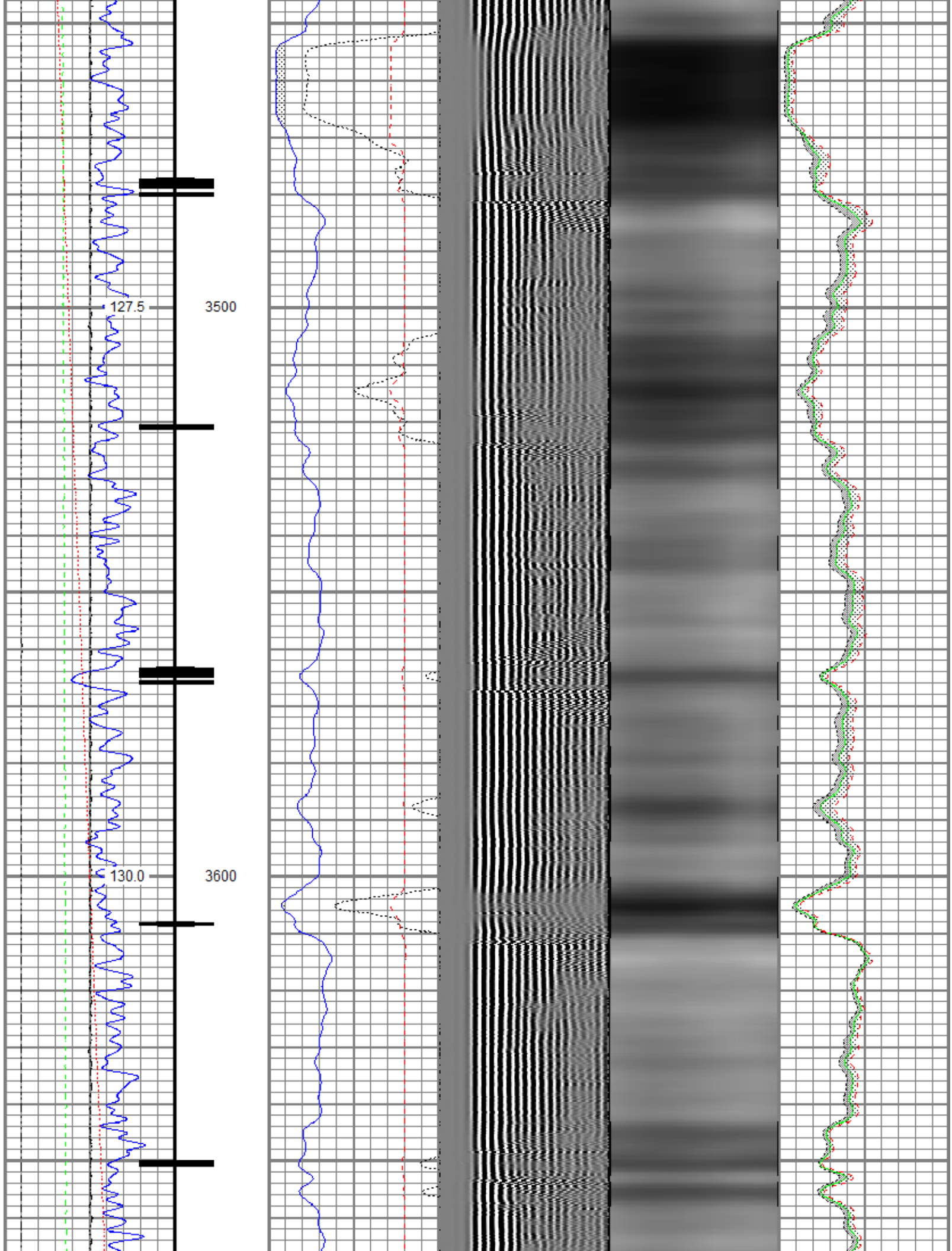


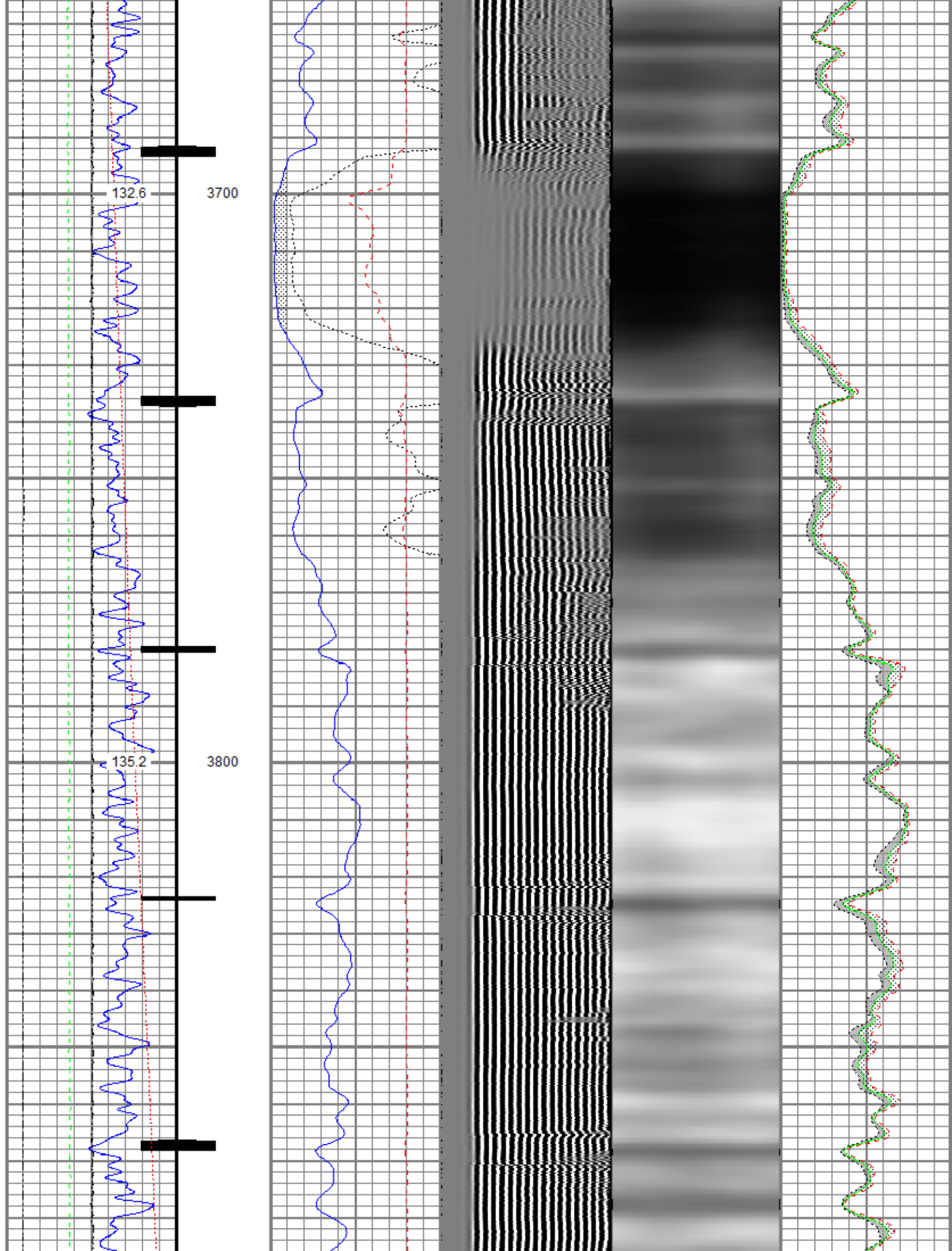


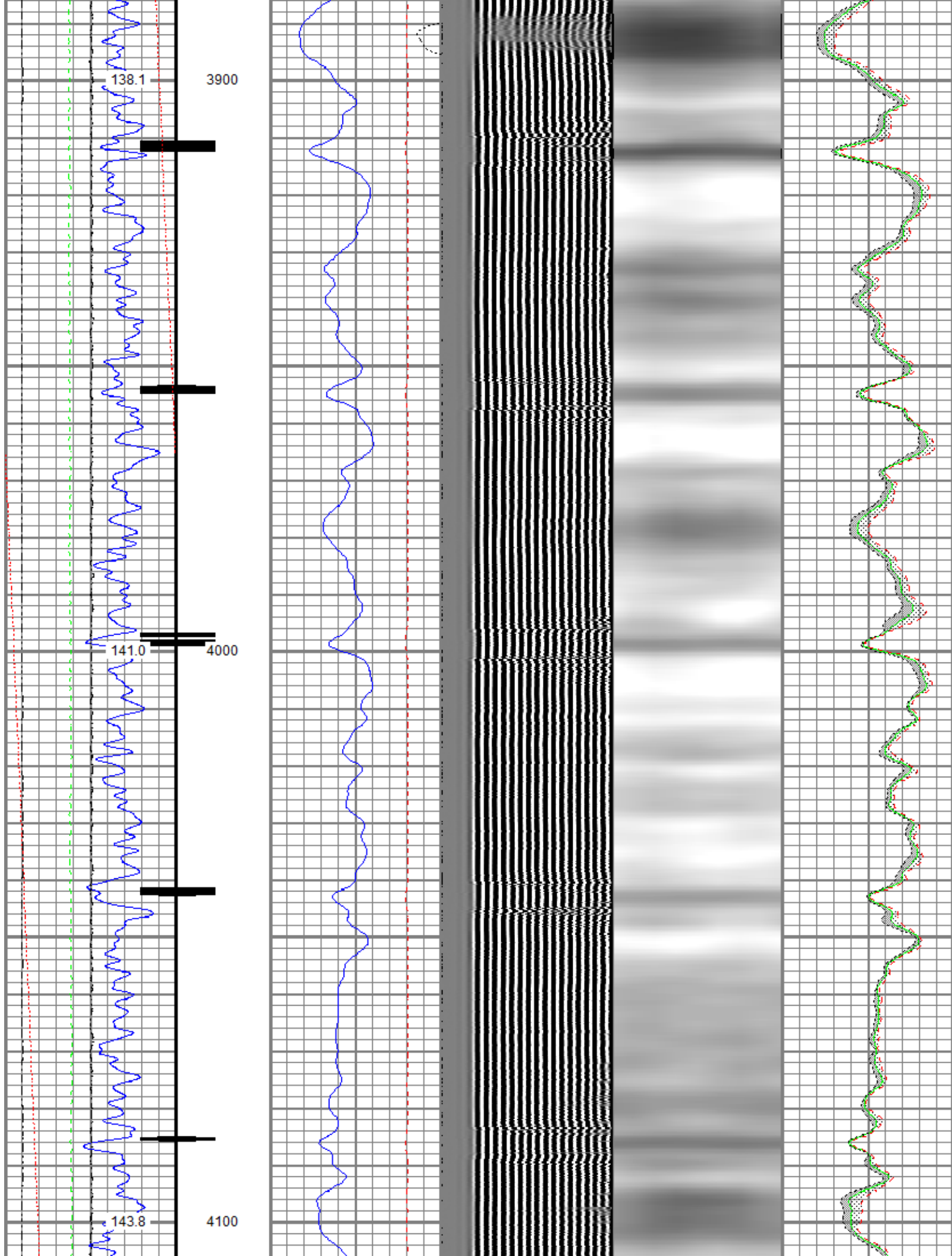


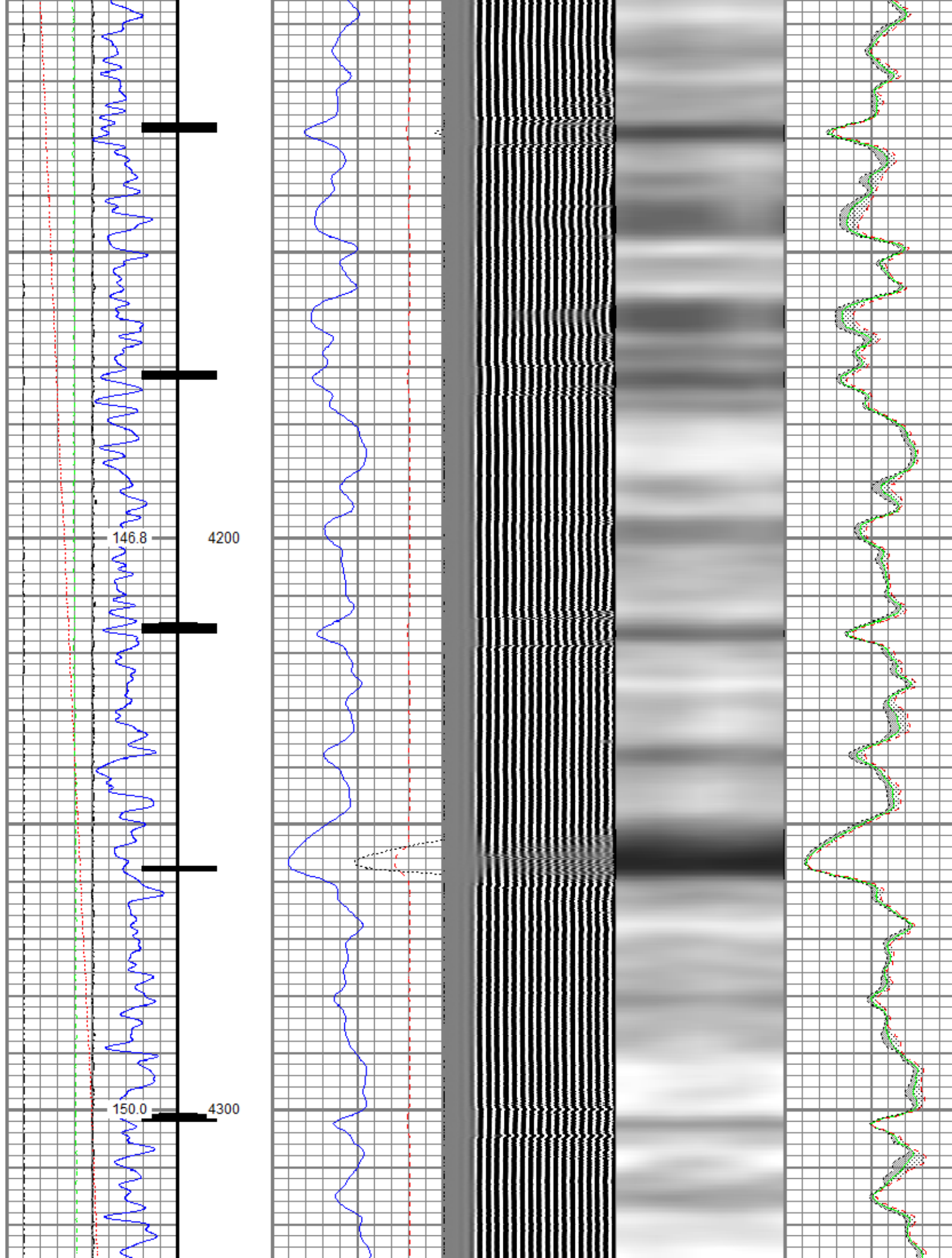


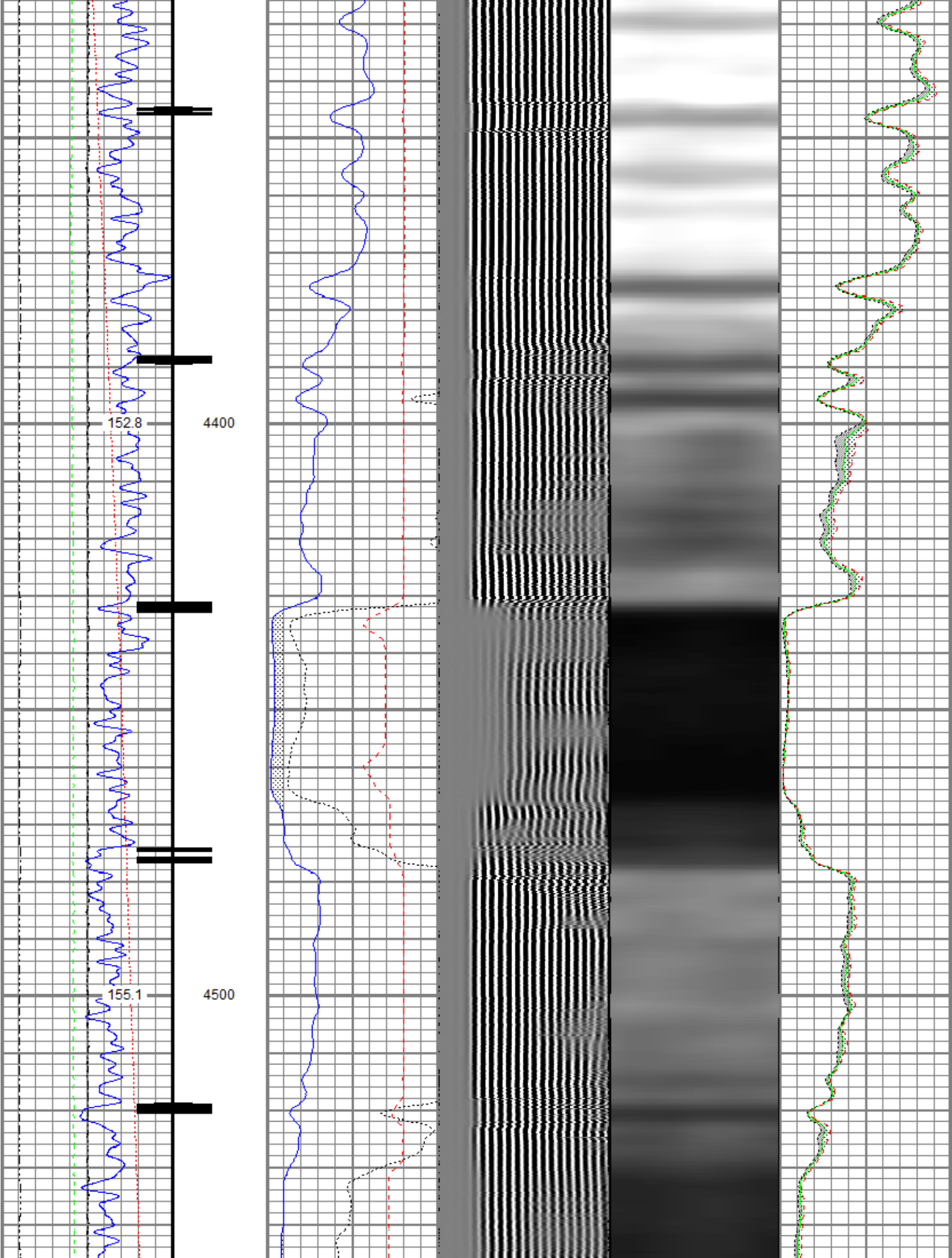


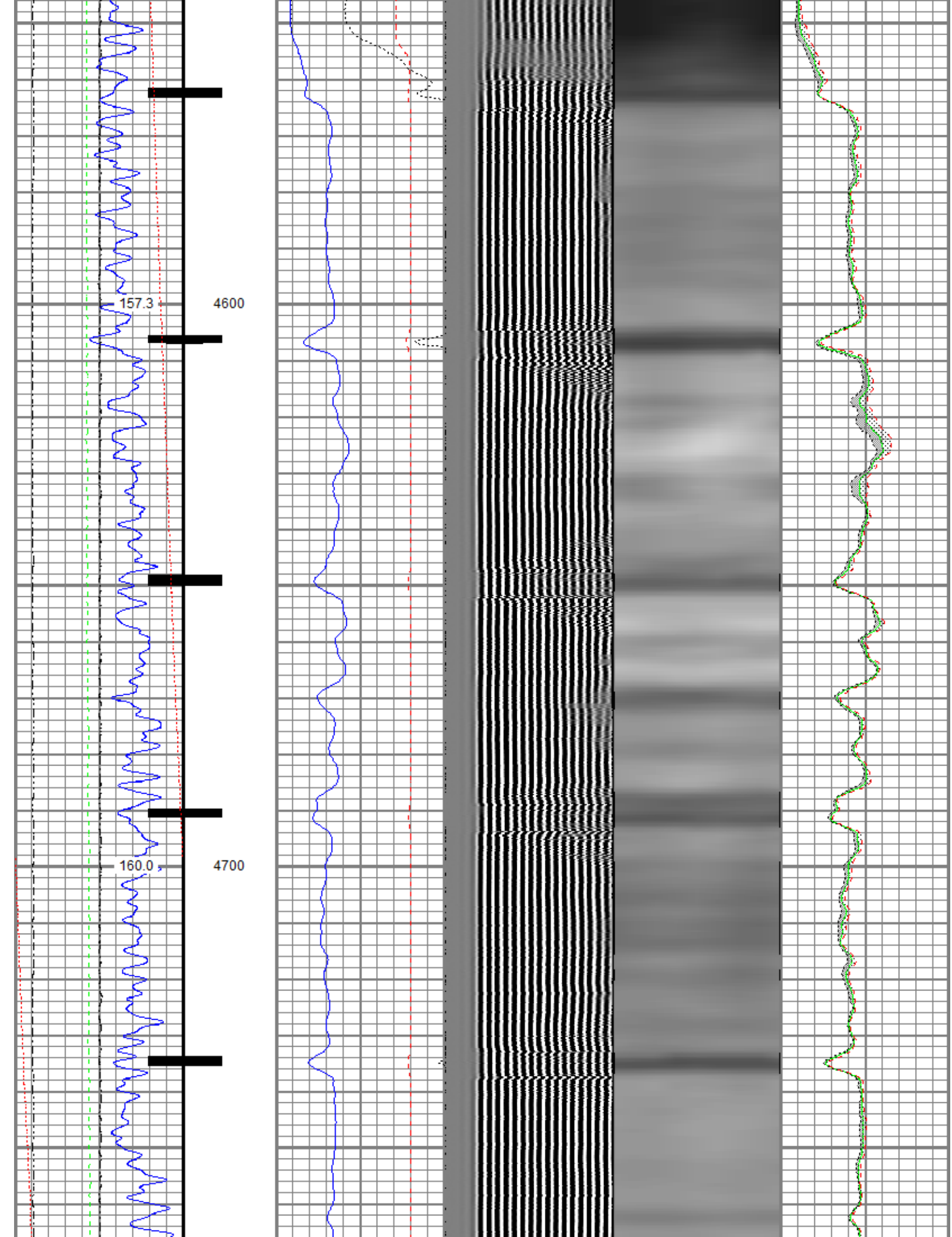


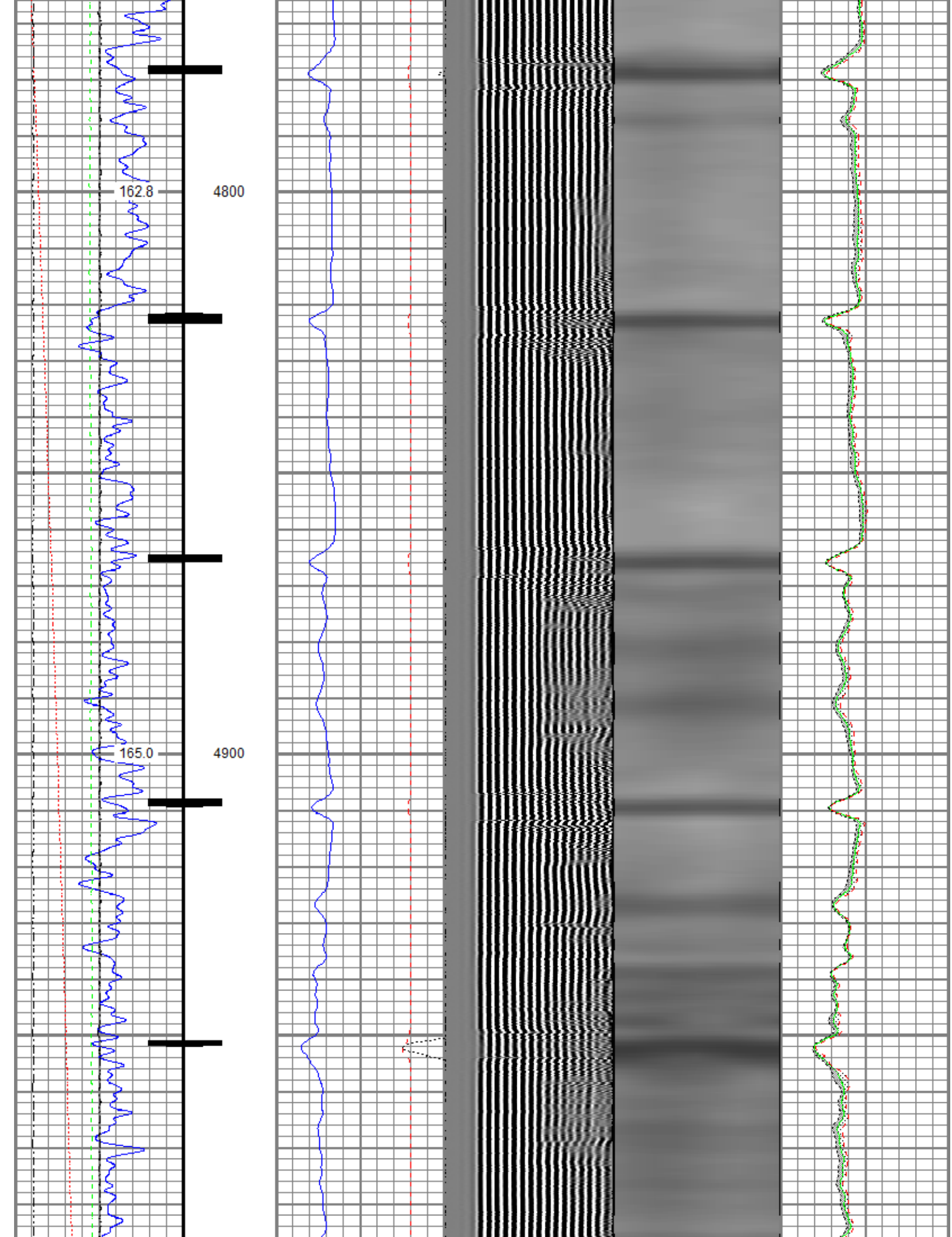


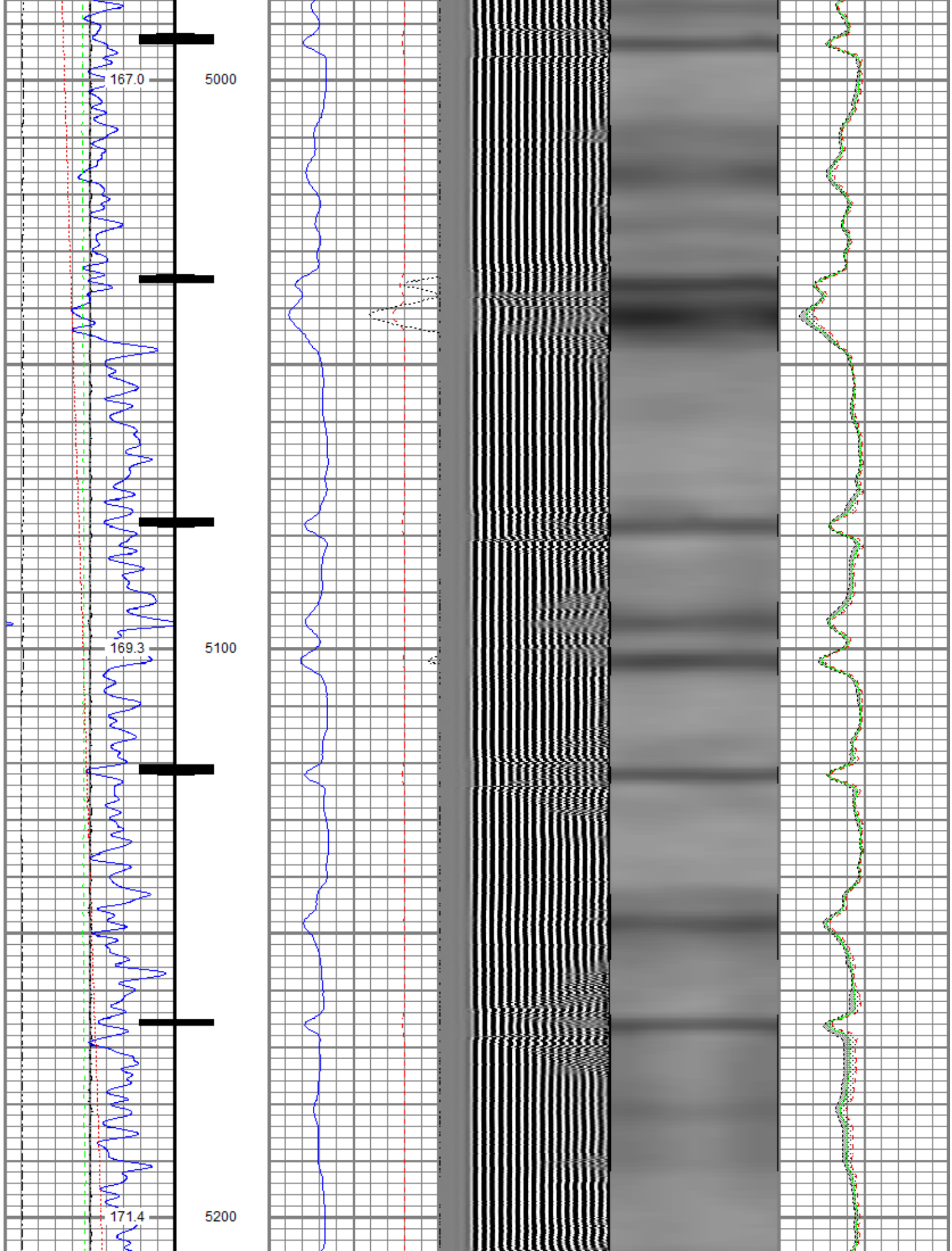


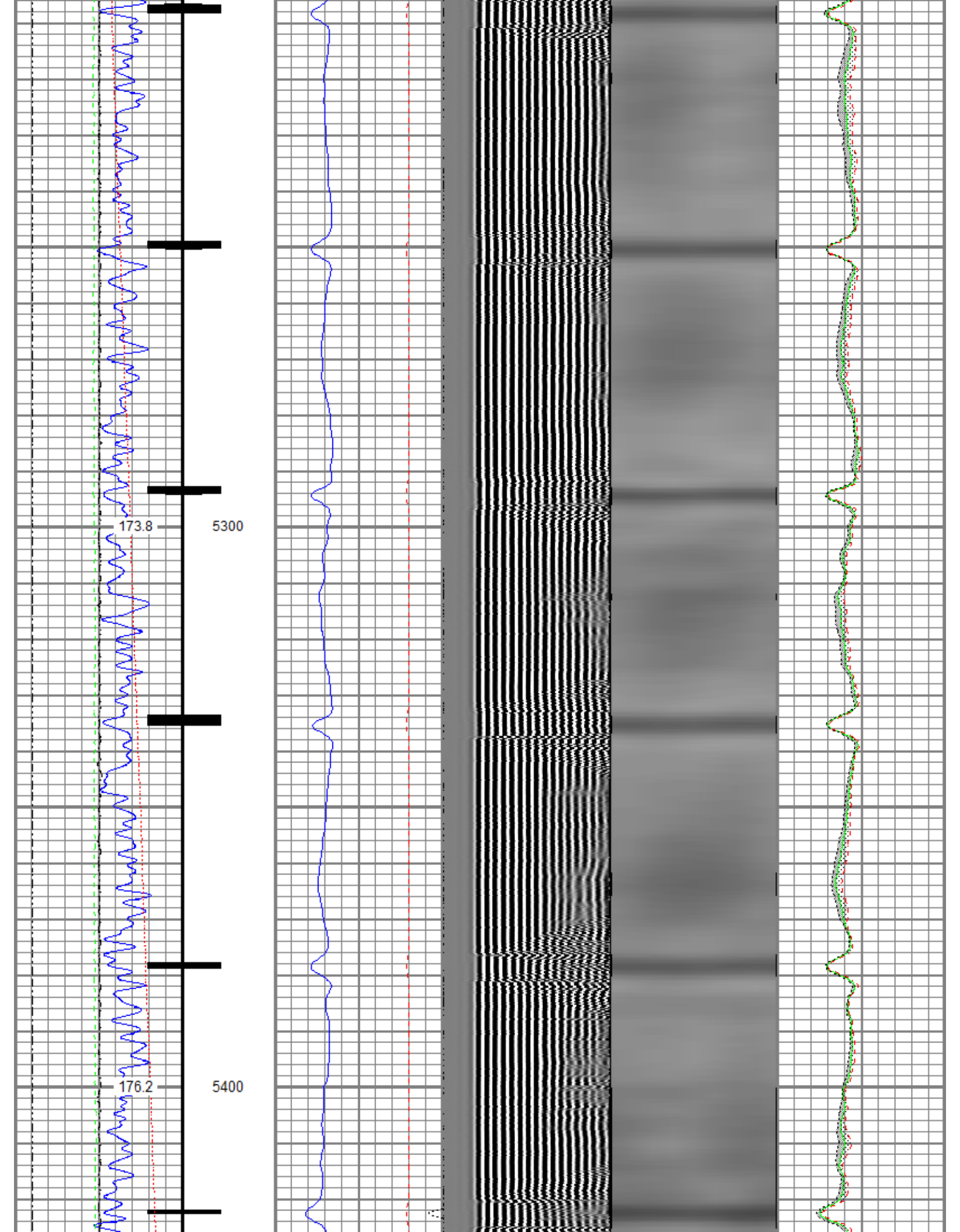


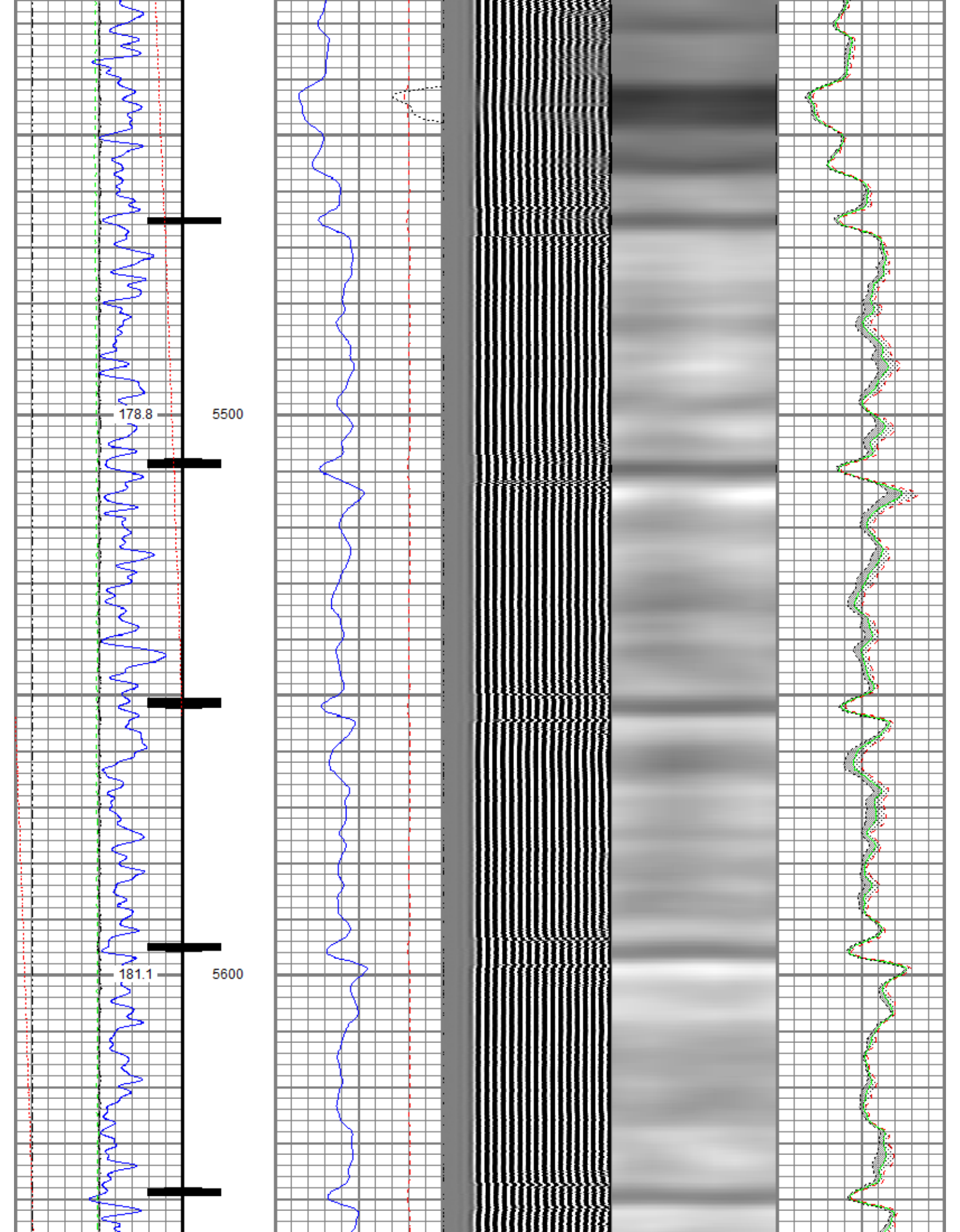


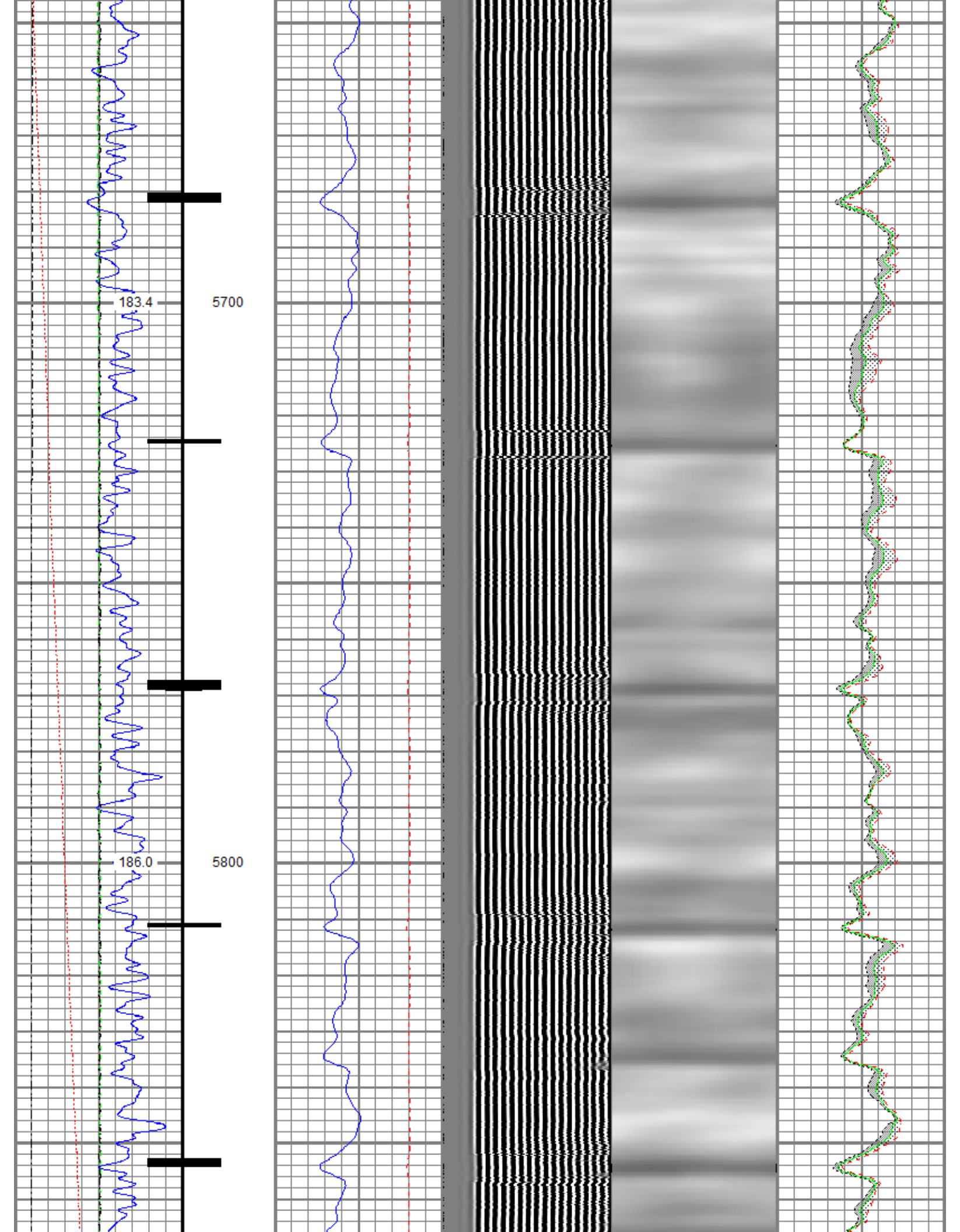


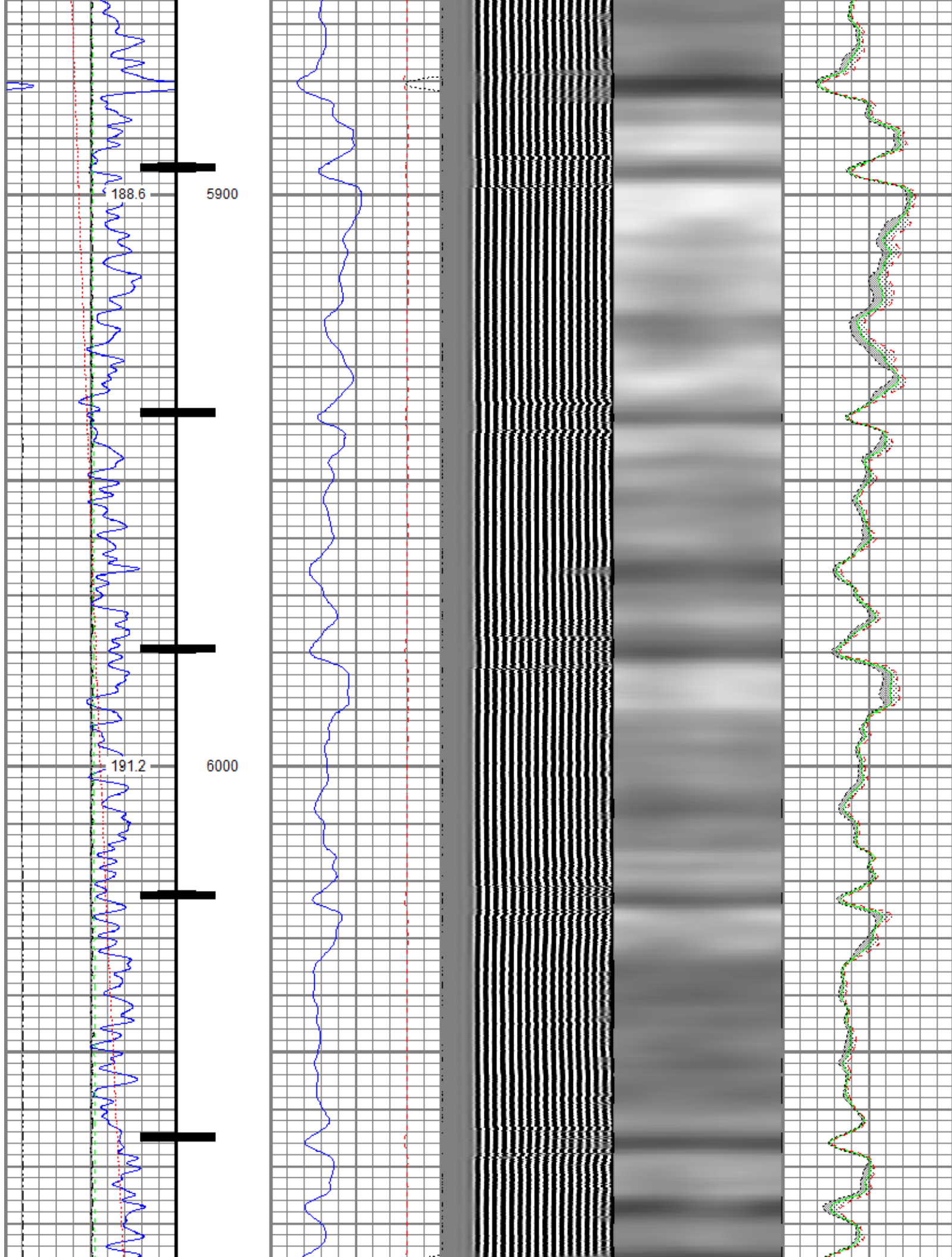


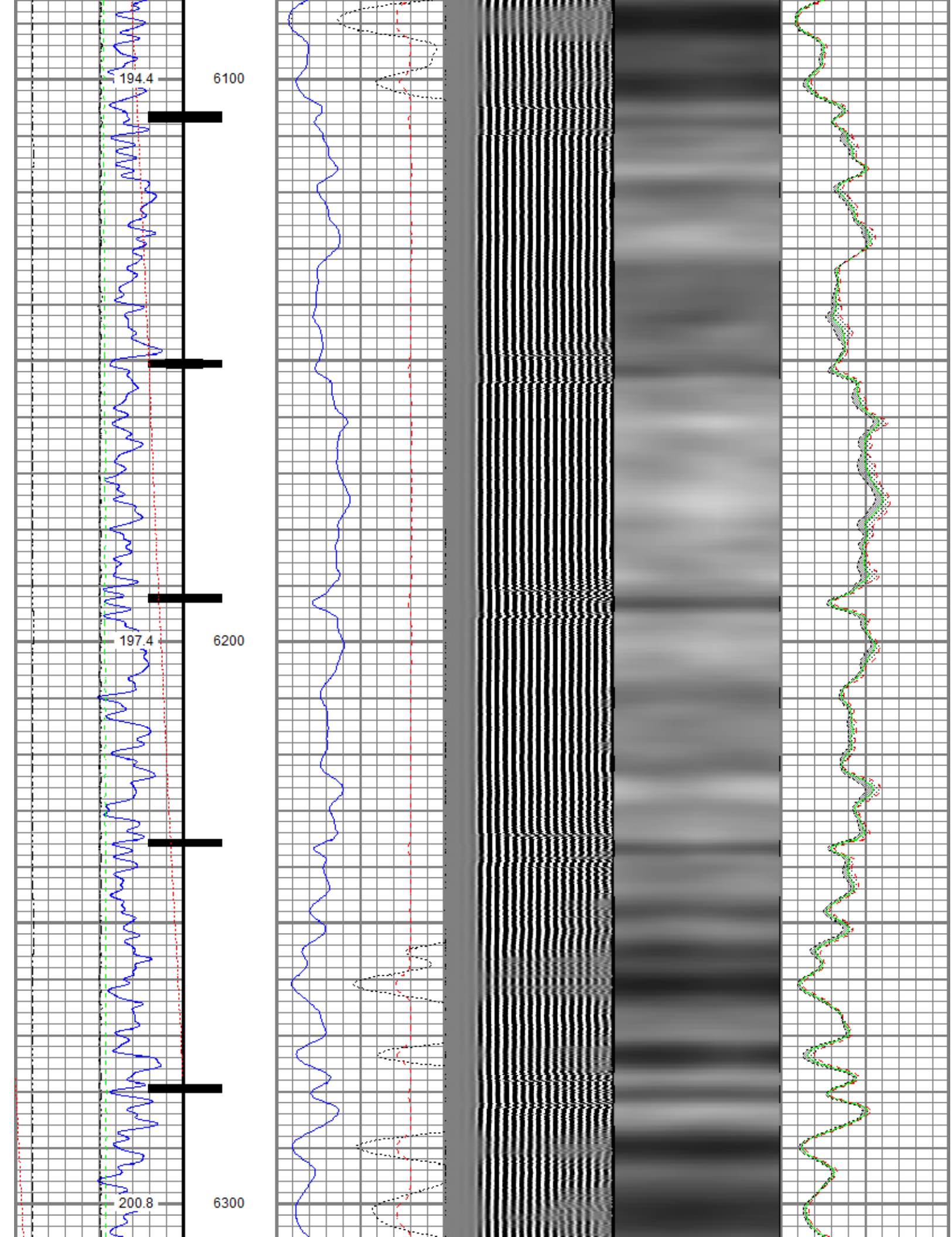


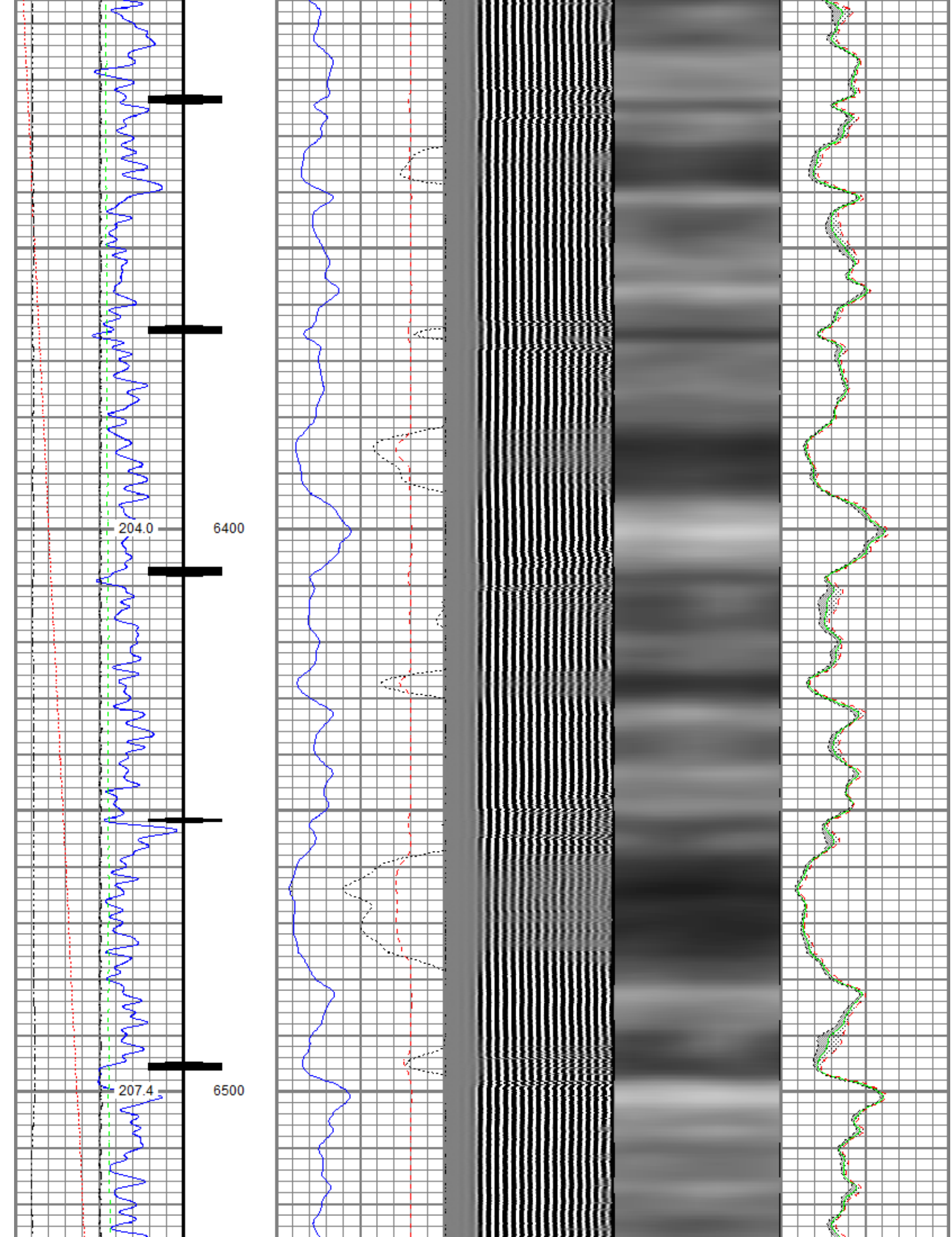


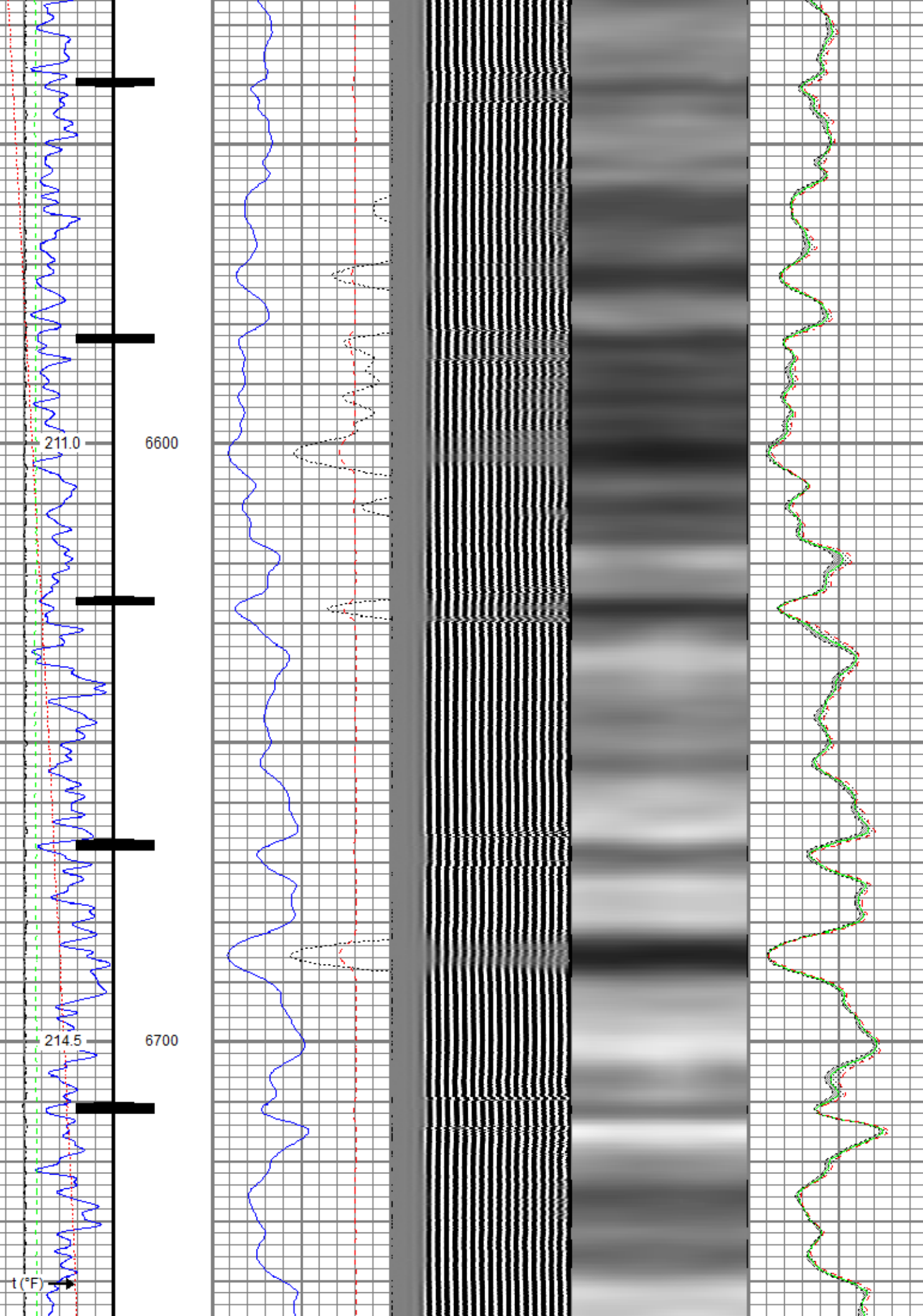


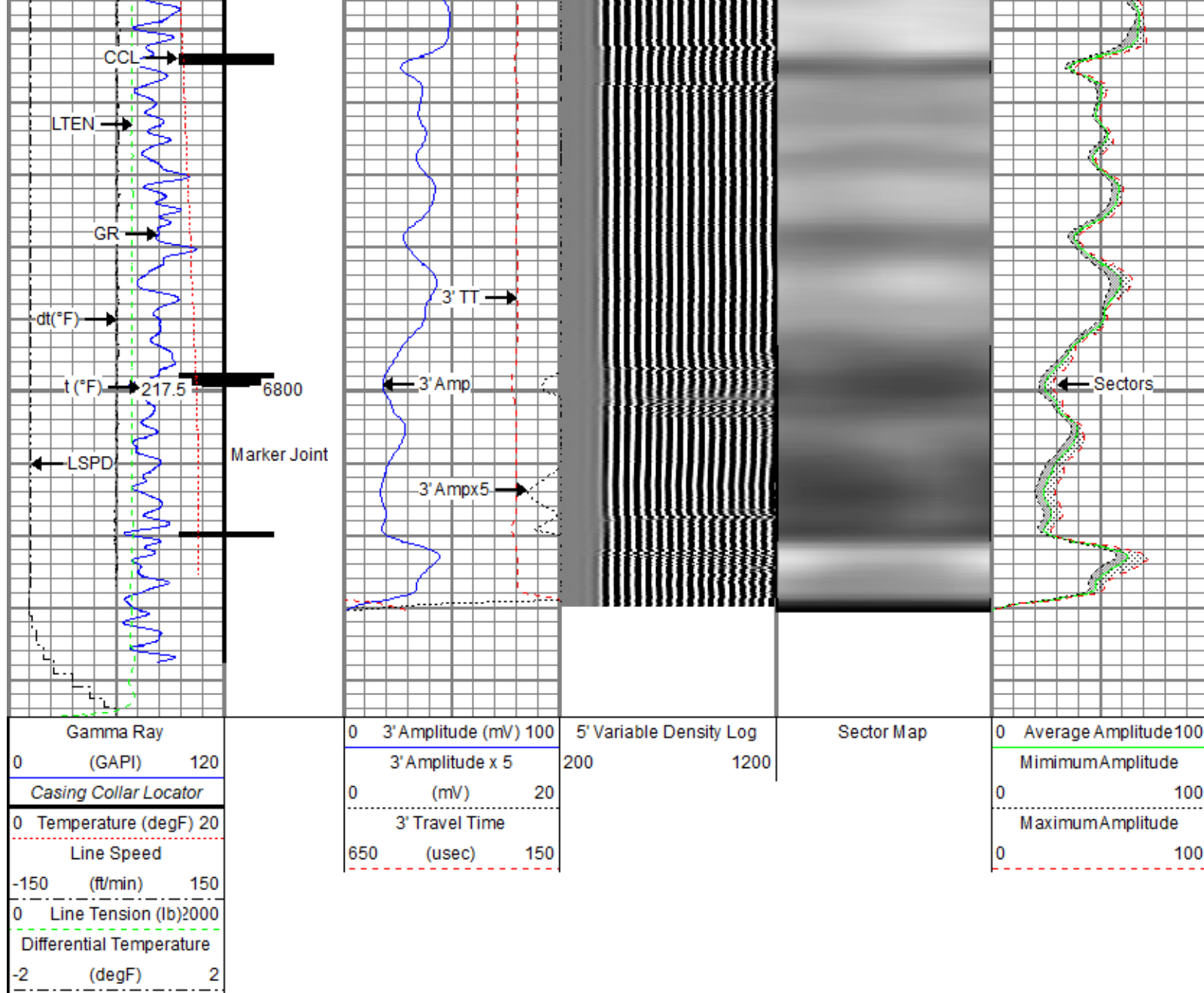








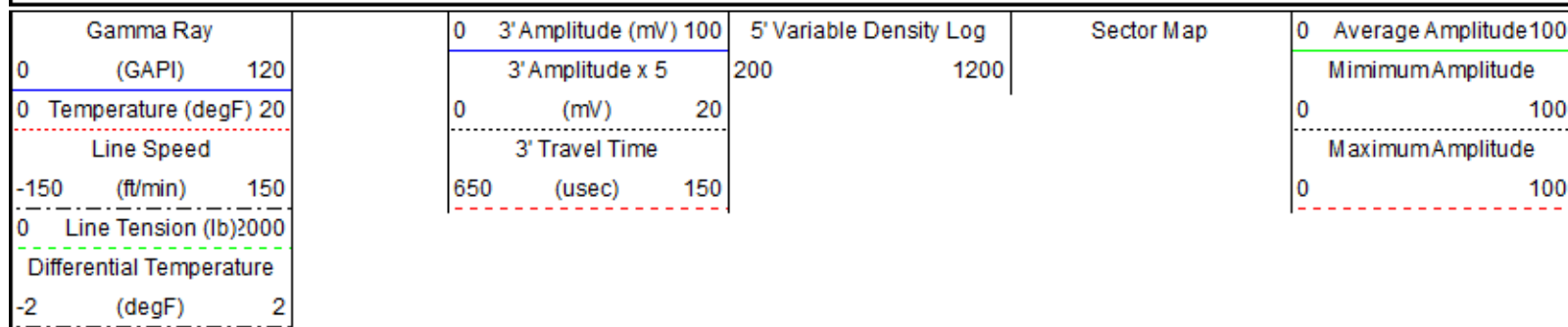


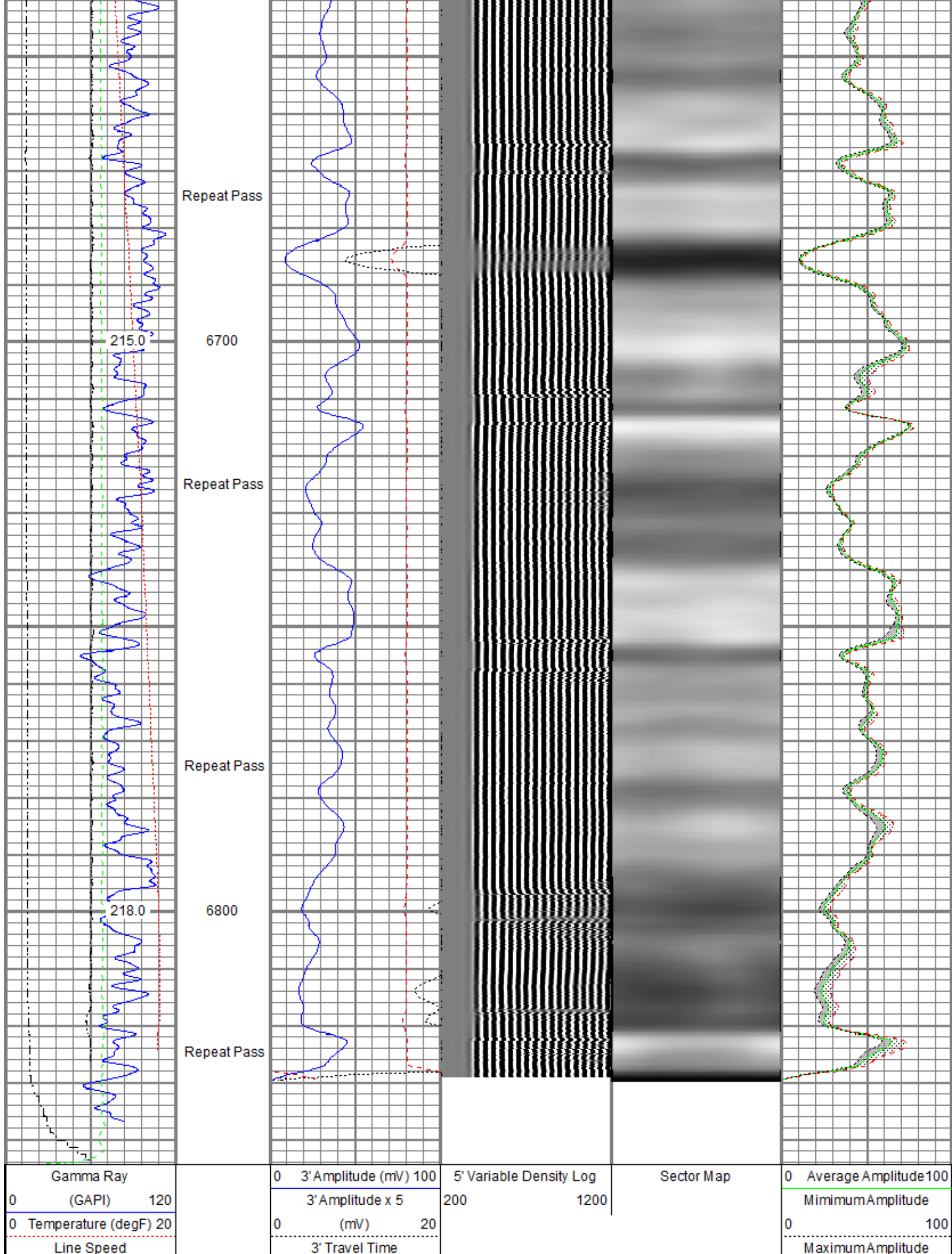


Repeat Pass

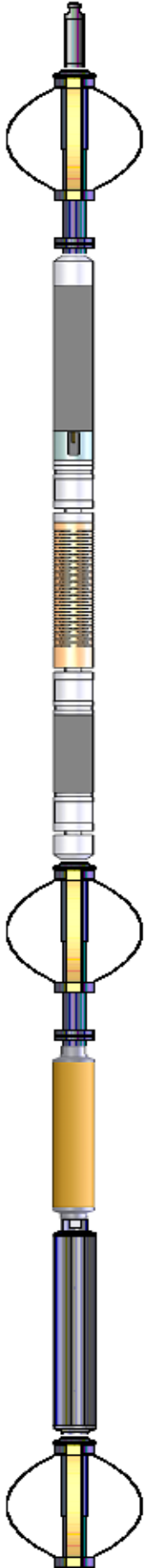
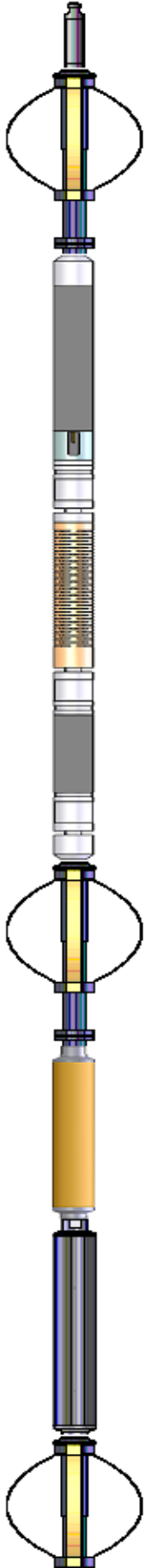
Recorded With 0 PSI Surface Induced Pressure

Database File: anadarko\0512349245_anadarko_mab 15-4hz_rbl_06-20-19\processed_0512349245_anadarko_mab 15-4hz_rbl_06-20-19.d
 Dataset Pathname: repeat.2
 Presentation Format: ros_radrii
 Dataset Creation: Fri Jun 21 13:53:53 2019
 Charted by: Depth in Feet scaled 1:240





-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)
			Titan CHD-14375 GO Titan 1-7/16" Assembled Electric Cable Head w/ 1" Fishing Neck	1.03	1.44	3.60
			Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
TEMP	18.23					
WVFS8	16.00		Probe Radii-2750 RBT (120855) Probe 2-3/4" Radial Cement Bond Tool with Integral Temperature Sub	9.39	2.75	105.00
WVFS7	16.00					
WVFS6	16.00					
WVFS5	16.00					
WVFS4	16.00					
WVFS3	16.00					
WVFS2	16.00					
WVFS1	16.00					
WVFCAL	16.00					
WVF3FT	16.00					
WVF5FT	15.00					
			Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
CCL\$2	7.38		Probe CCL-2750 SA (FW1307-076) Probe 2-3/4" Digital Stand Alone Six Magnet Logging CCL	2.66	2.75	35.00
CCL\$1	7.38					
GR	5.24		Probe GR-2750 SA (FW1307-078) Probe 2-3/4" Digital Stand Alone Gamma Ray	3.33	2.75	55.00
			Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00

Dataset: processed_0512349245_anadarko_mab 15-4hz_rbl_06-20-19.db: field/well/run1/main.1
 Total length: 25.06 ft
 Total weight: 258.60 lb
 O.D.: 2.75 in

Calibration Report

Database File c:\programdata\warrior\data\anadarko\0512349245_anadarko_mab 15-4hz_rbl_06-20-19\processed_0512349245_anadarko_m
 Dataset Pathname main.1
 Dataset Creation Thu Jun 20 13:16:31 2019

Gamma Ray Calibration Report

Serial Number: FW1307-078
 Tool Model: 2750 SA
 Performed: Mon Oct 01 11:32:38 2018

 Calibrator Value: 637.0 GAPI

 Background Reading: 108.2 cps
 Calibrator Reading: 1134.5 cps

 Sensitivity: 0.6207 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: 120855
 Tool Model: 2750 RBT

 Calibration Casing Diameter: 5.500 in
 Calibration Depth: 12.047 ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.005	0.704	0.800	71.921	101.679	0.325
CAL	0.734	0.734				
5'	0.005	0.663	0.800	71.921	108.077	0.238
SUM						
S1	0.004	0.695	0.000	100.000	144.740	-0.546
S2	0.006	0.705	0.000	100.000	143.069	-0.874
S3	0.004	0.711	0.000	100.000	141.460	-0.634
S4	0.004	0.712	0.000	100.000	141.331	-0.606
S5	0.005	0.713	0.000	100.000	141.261	-0.707
S6	0.005	0.710	0.000	100.000	141.740	-0.685
S7	0.005	0.720	0.000	100.000	139.815	-0.637
S8	0.005	0.713	0.000	100.000	141.167	-0.693

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.734	0.734	1.000	0.000

Air Zero Calibration, performed Wed Jun 19 13:11:49 2019:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.005		0.000		0.000	

5'	0.007	0.000	0.000
SUM			
S1	0.003	0.000	0.001
S2	0.005	0.000	0.001
S3	0.005	0.000	0.000
S4	0.005	0.000	-0.000
S5	0.005	0.000	0.000
S6	0.005	0.000	0.000
S7	0.005	0.000	-0.000
S8	0.006	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 MAB 15-4HZ
Field Wattenberg
County Weld
State Colorado