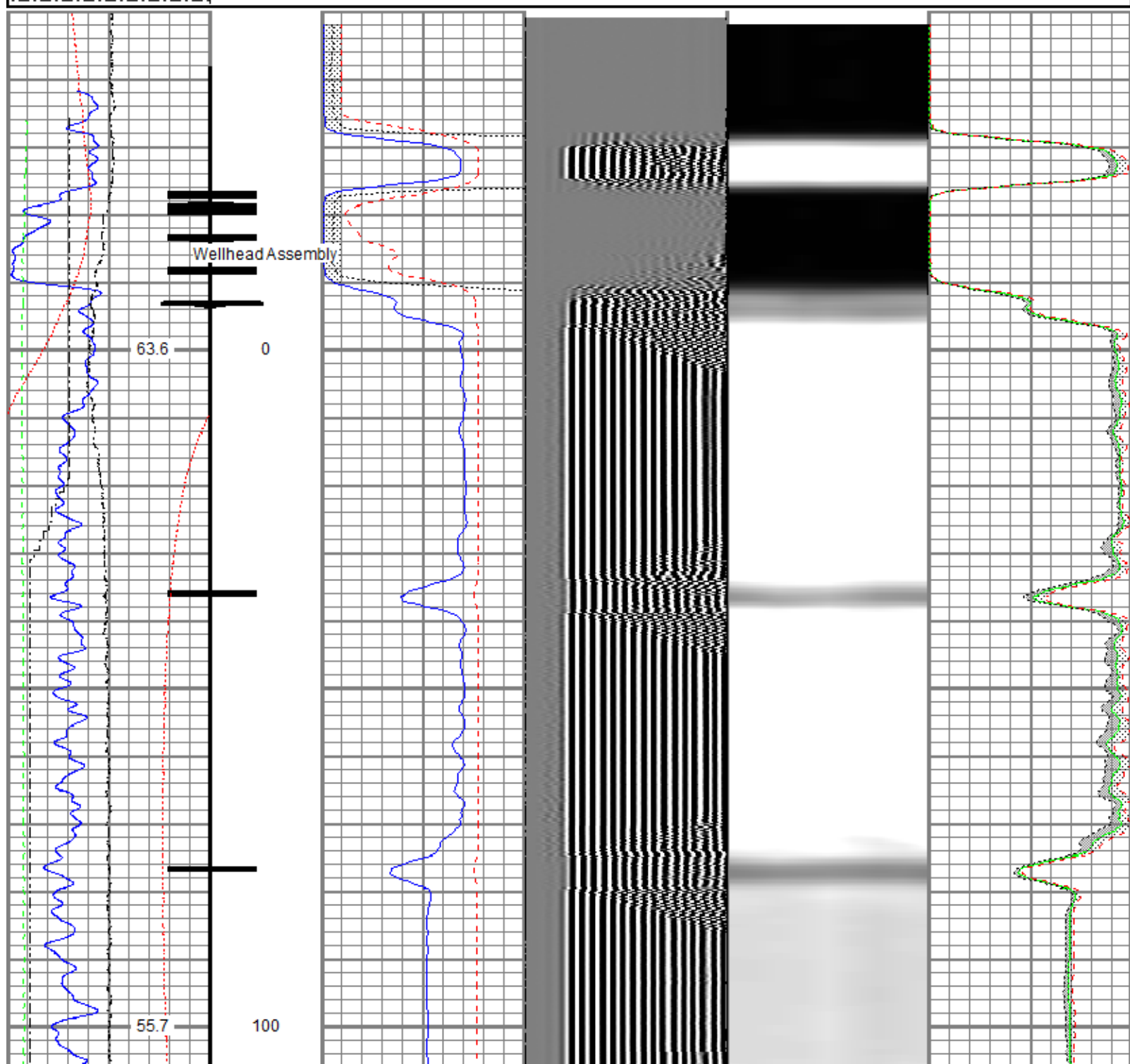


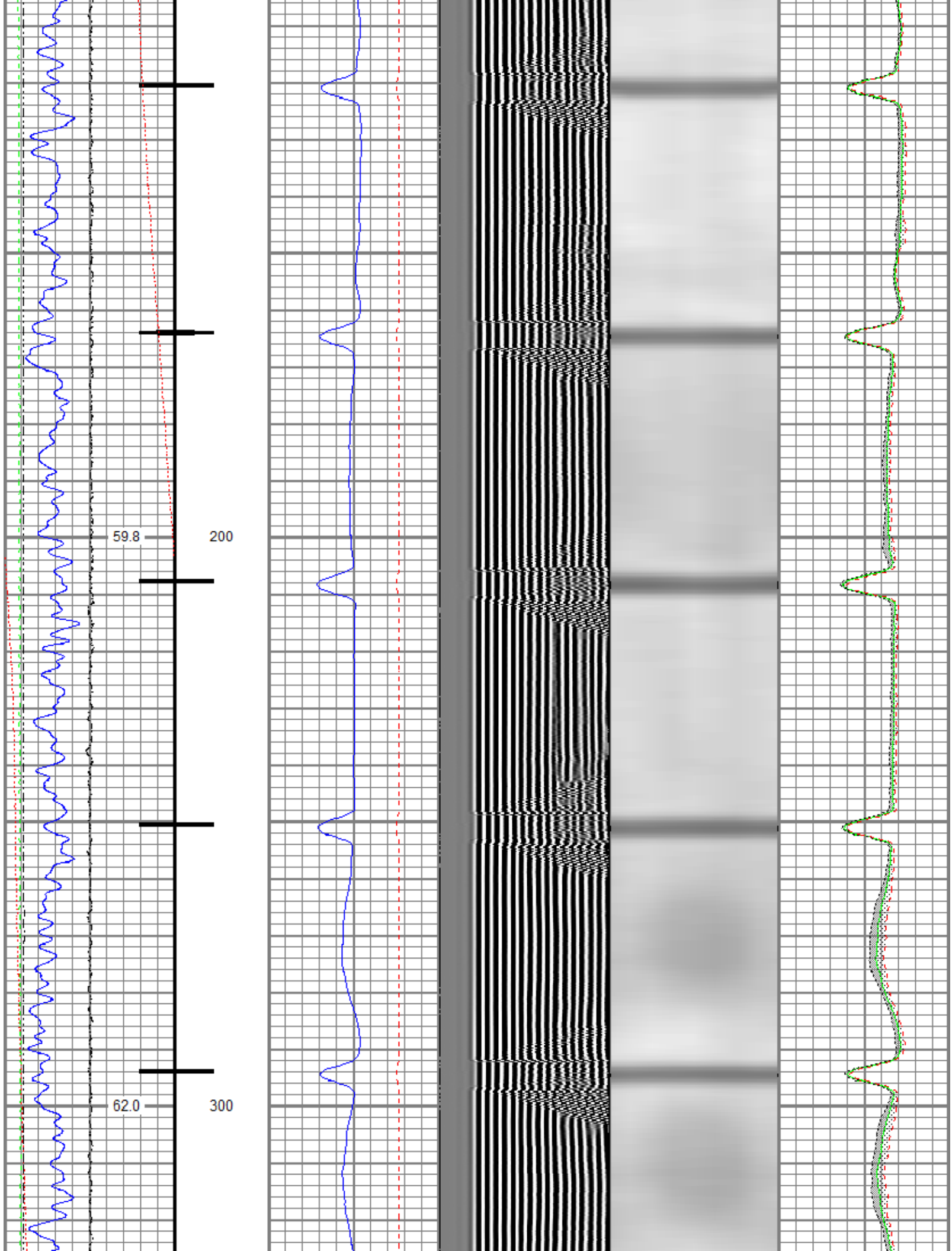
<<< Fold Here >>>
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible 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 6907 FT Adjusted -12 FT to correlate with Marker Joint Gauge Ring/Junk Basket ran to 7925 FT Retrievable Bridge Plug set at 7040 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!!

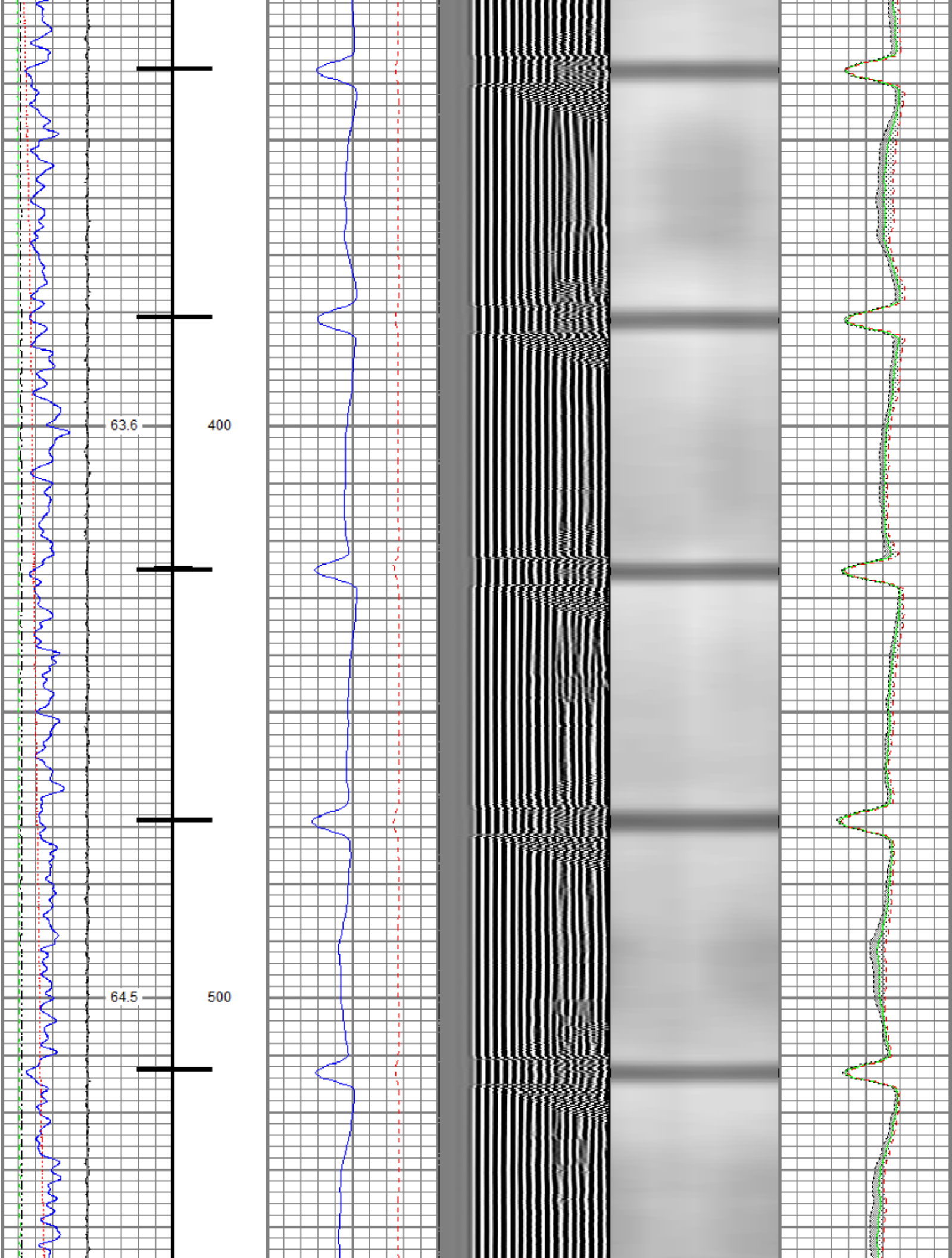
Recorded with 0 PSI Surface Induced Pressure

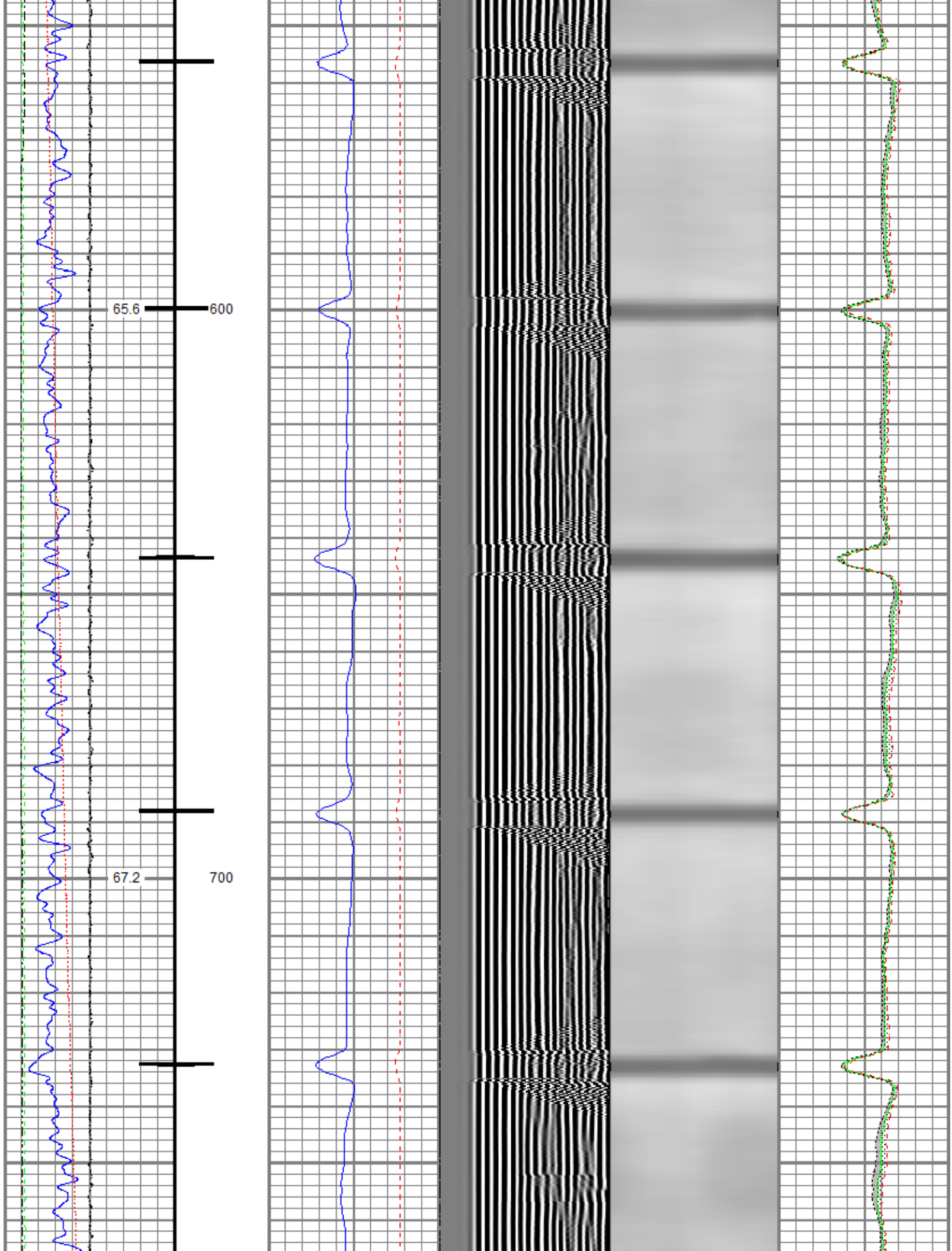
Database File anadarko\carson 1-13hz\processed_0512348124_anadarko_carson 1-13hz_rbl_09-06-19.db
 Dataset Pathname RCBL/pass6.1
 Presentation Format ros_radrii
 Dataset Creation Fri Sep 06 08:22:25 2019
 Charted by Depth in Feet scaled 1:240

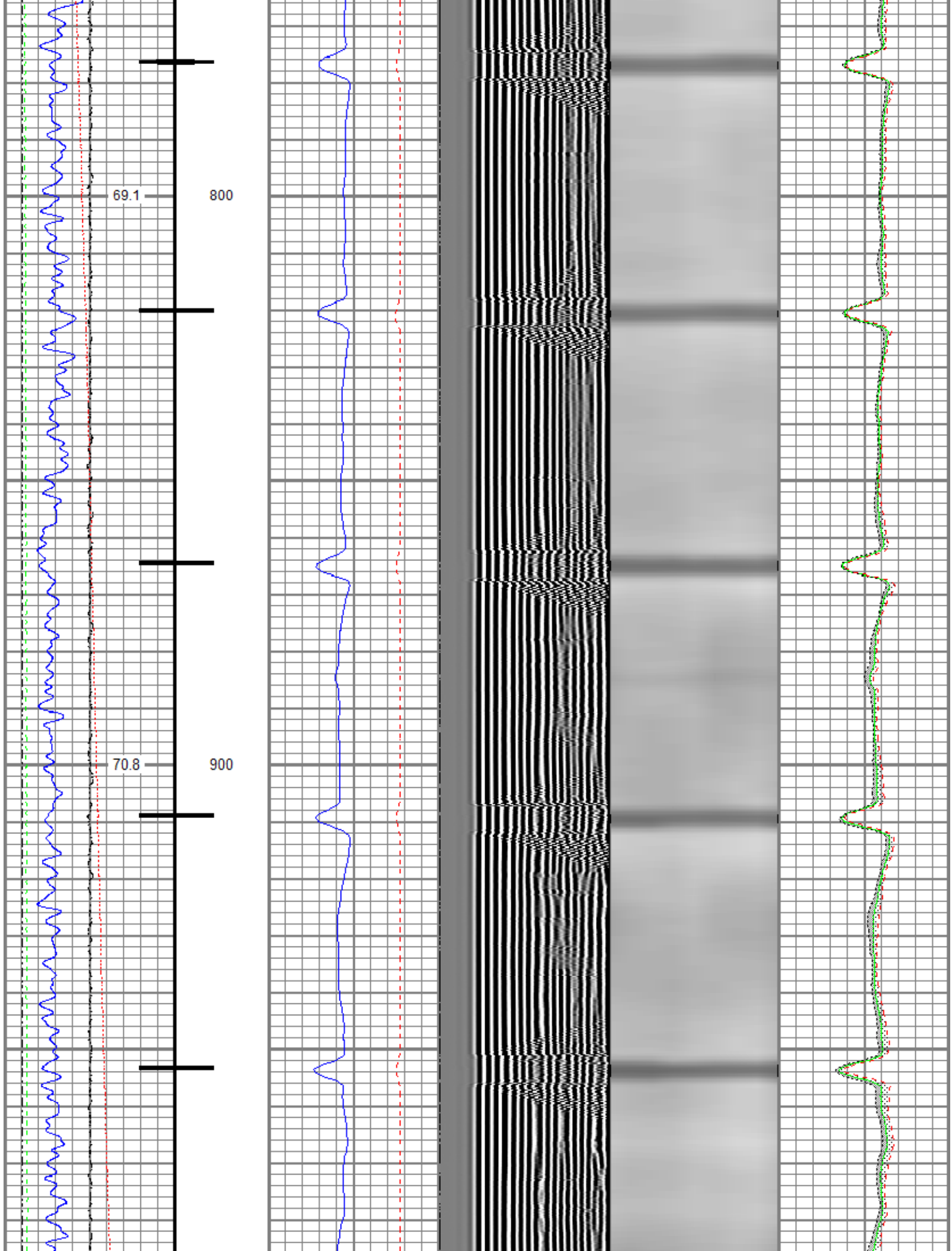
Gamma Ray	0	3' Amplitude (mV) 100	5' Variable Density Log	Sector Map	0	Average Amplitude 100
(GAPI) 120		3' Amplitude x 5	200 (usec) 1200			Minimum Amplitude
Casing Collar Locator	0	(mV) 20			0	100
Temperature (degF) 20		3' Travel Time				Maximum Amplitude
Line Speed	650	(usec) 150			0	100
-150 (ft/min)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

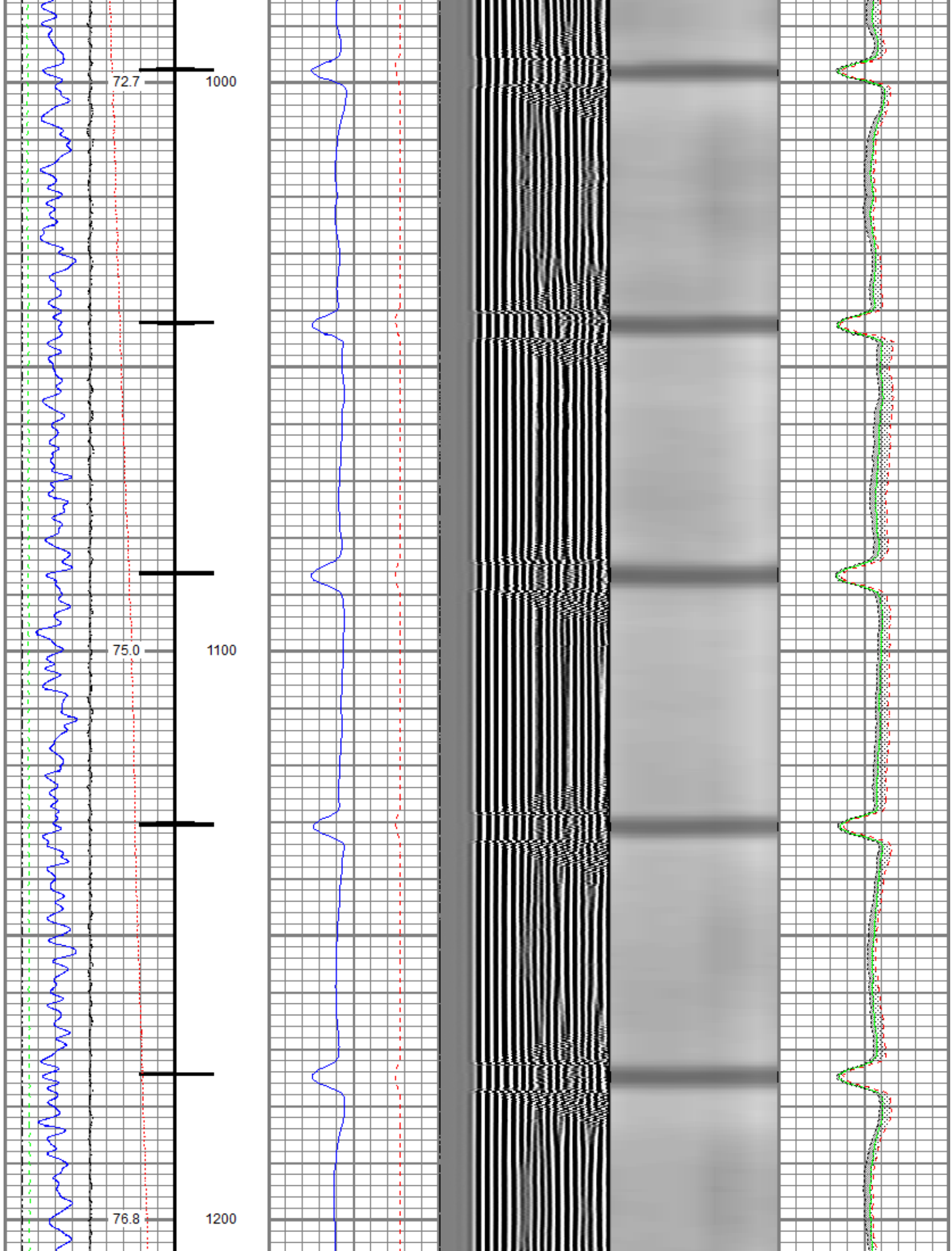


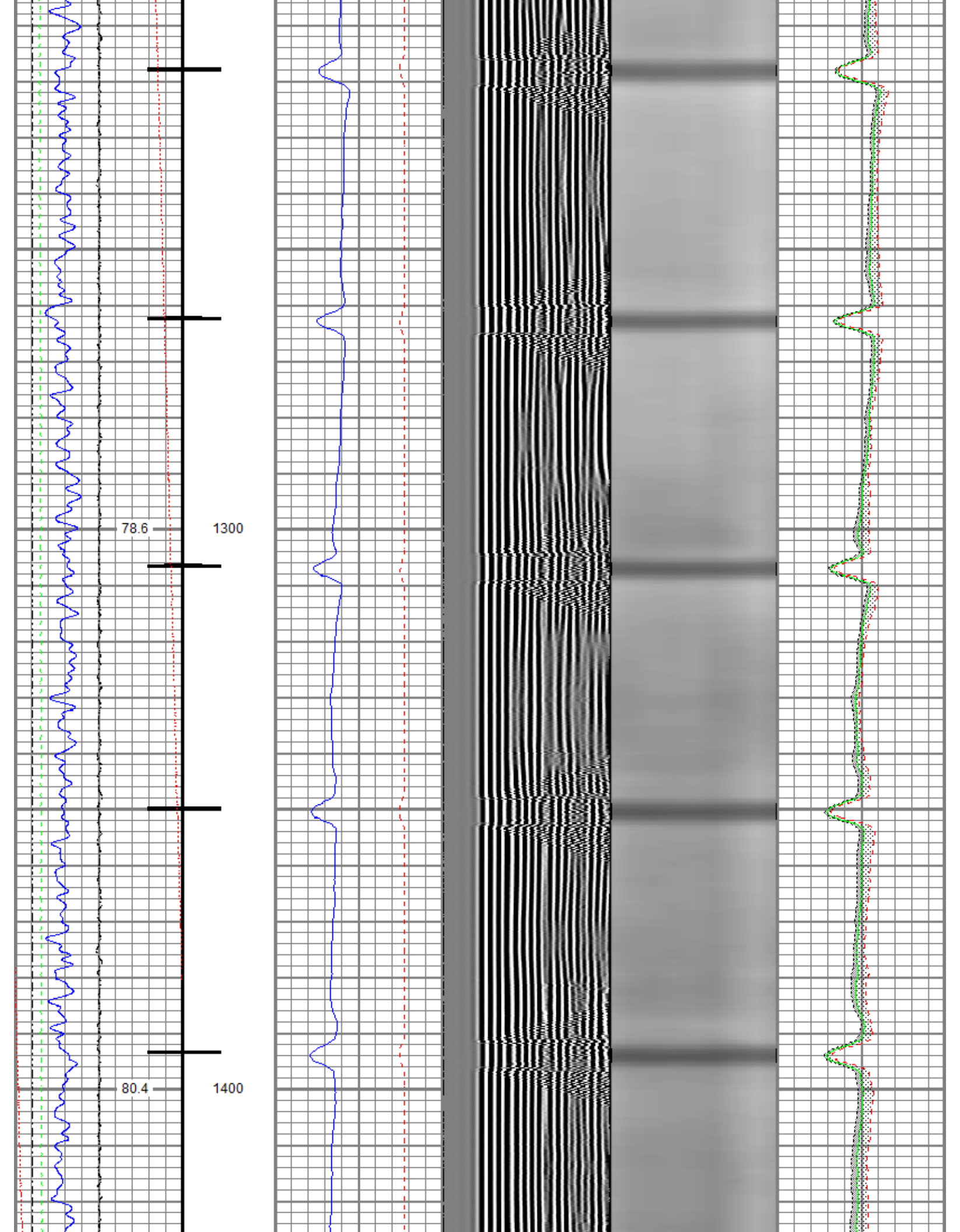


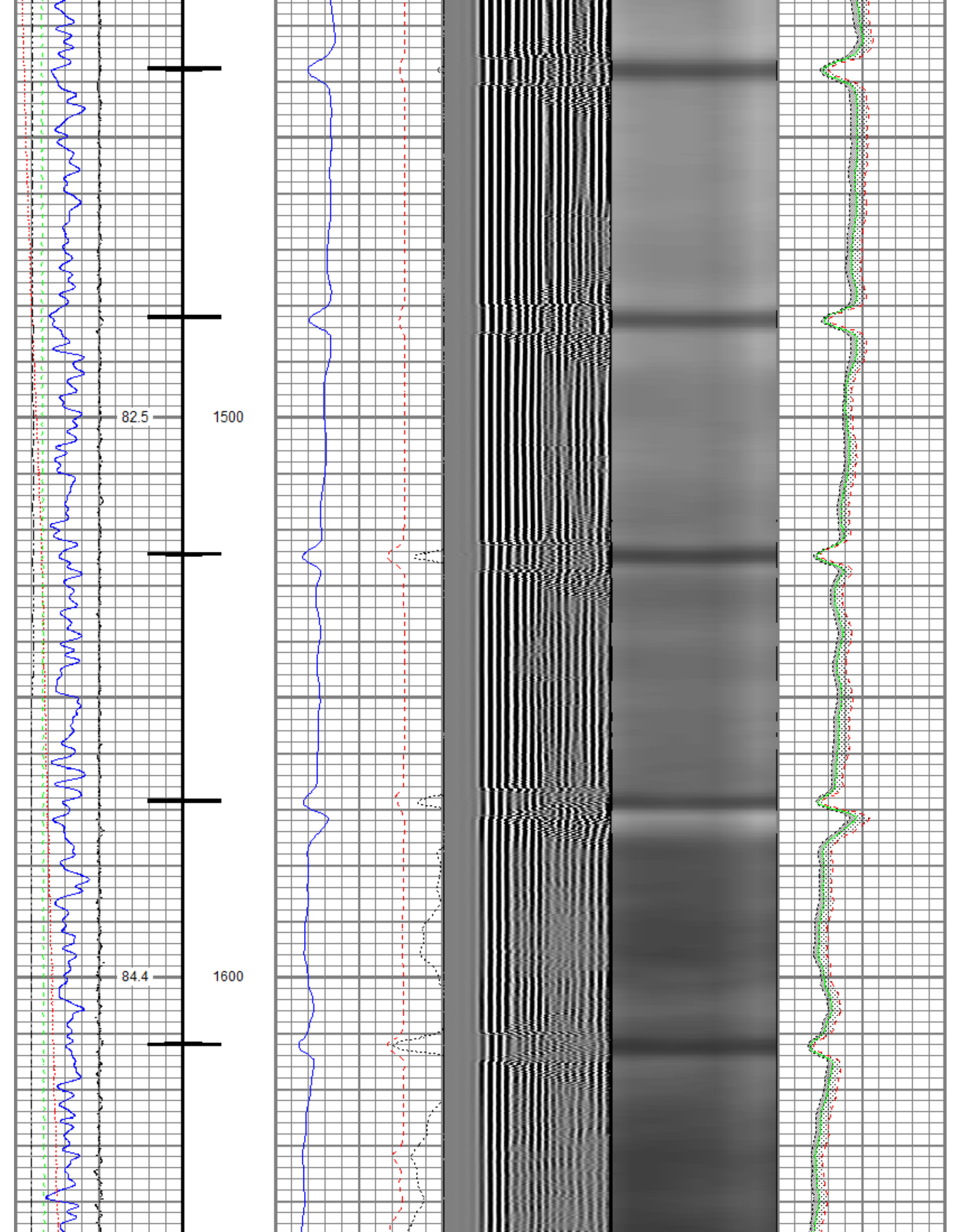


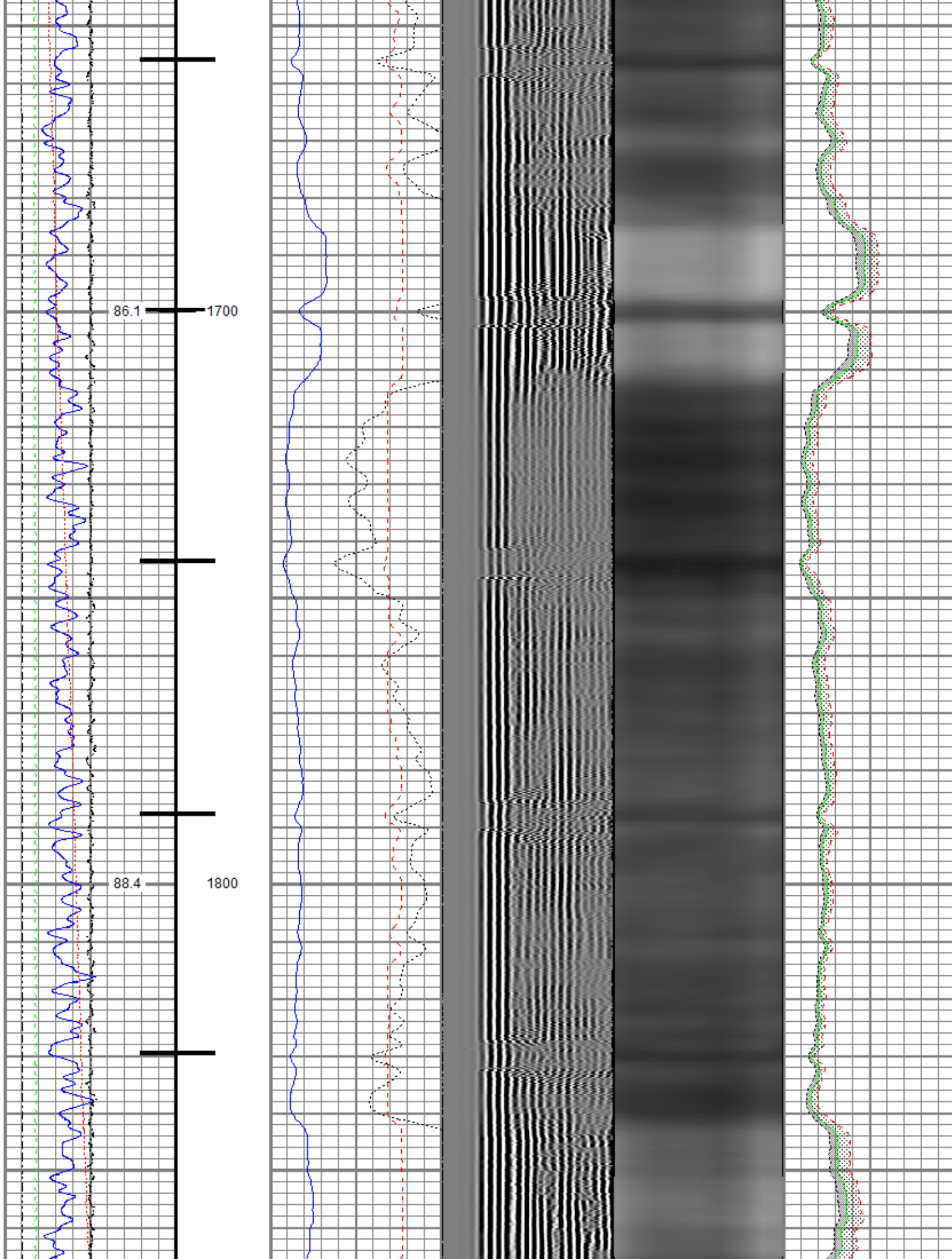


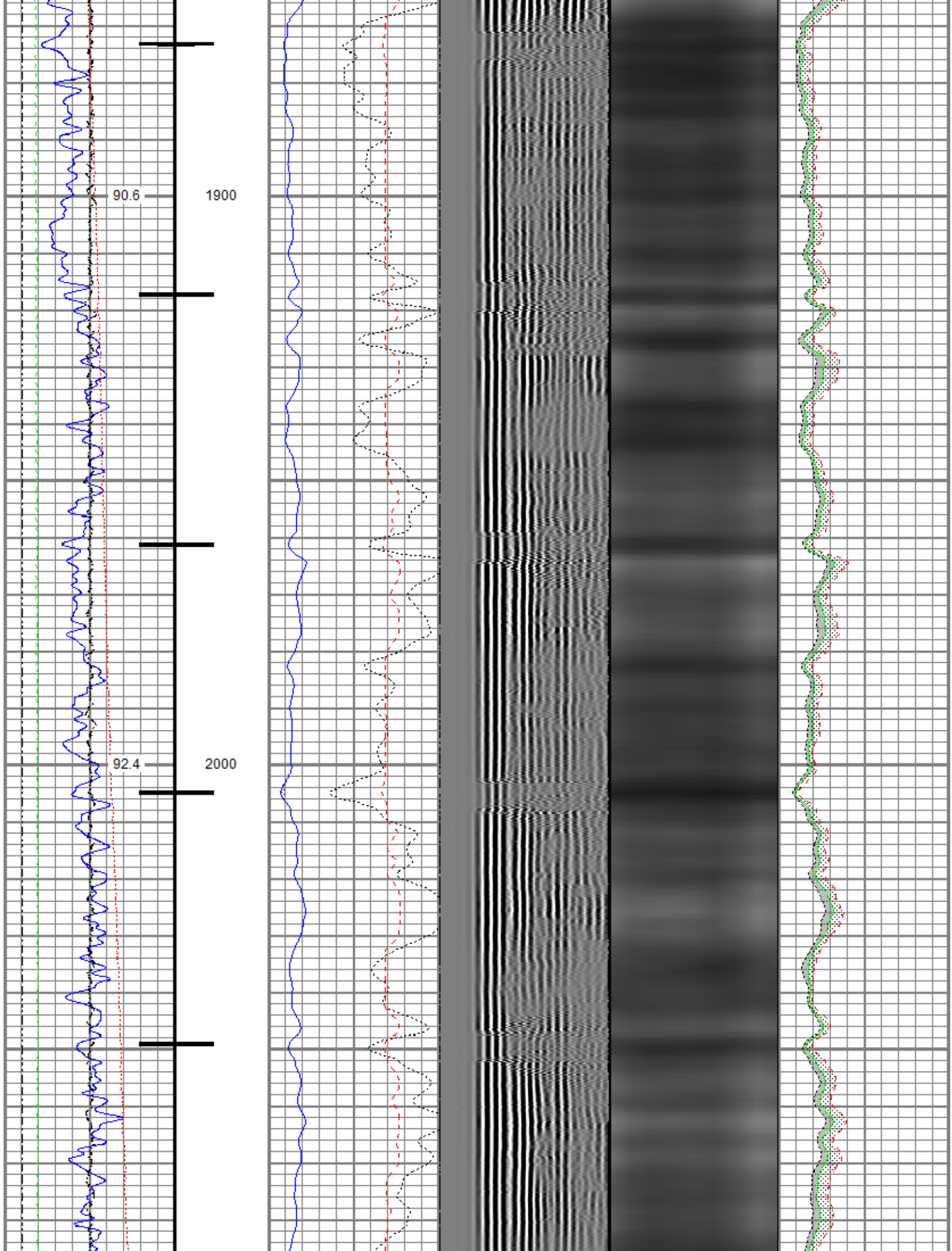


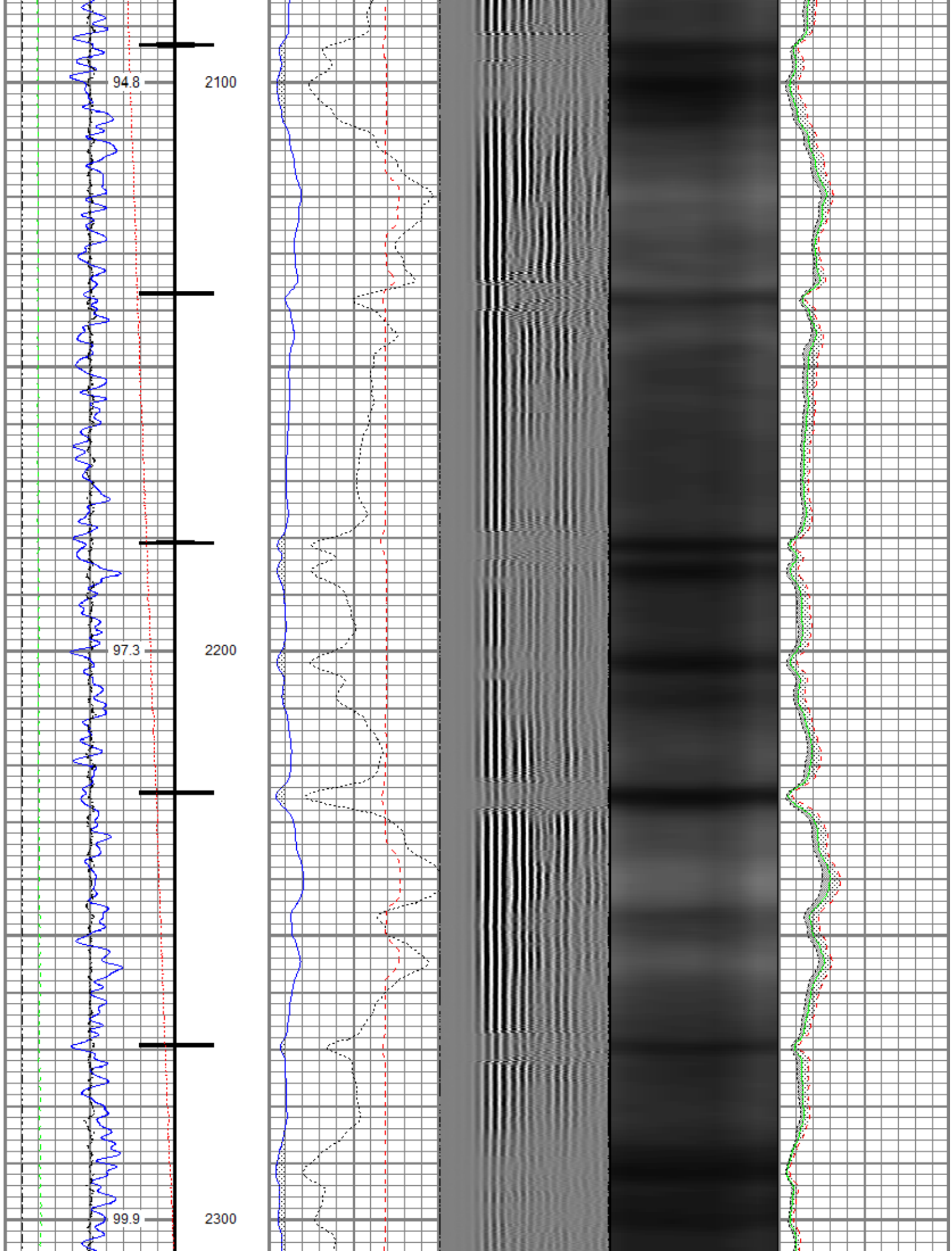


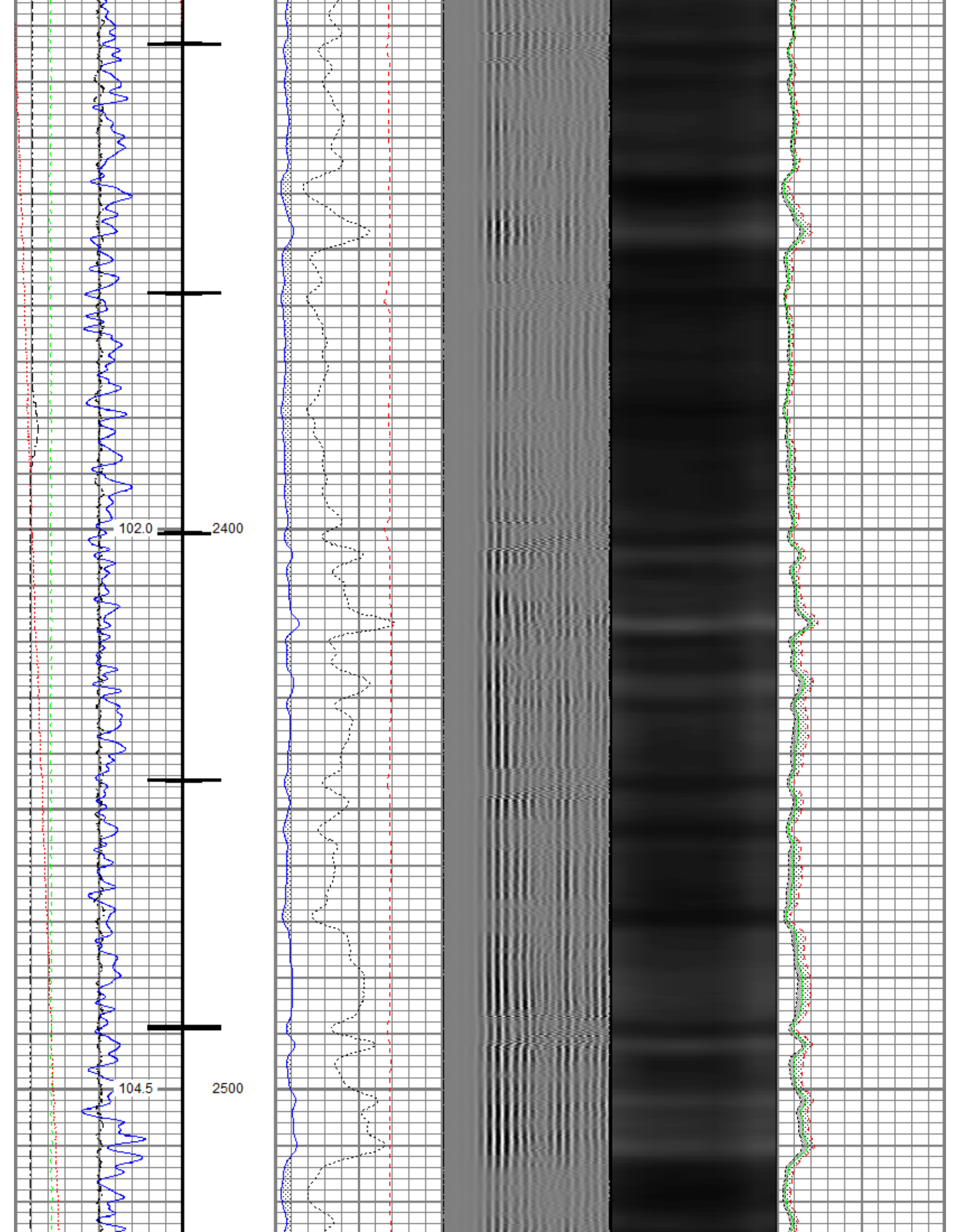


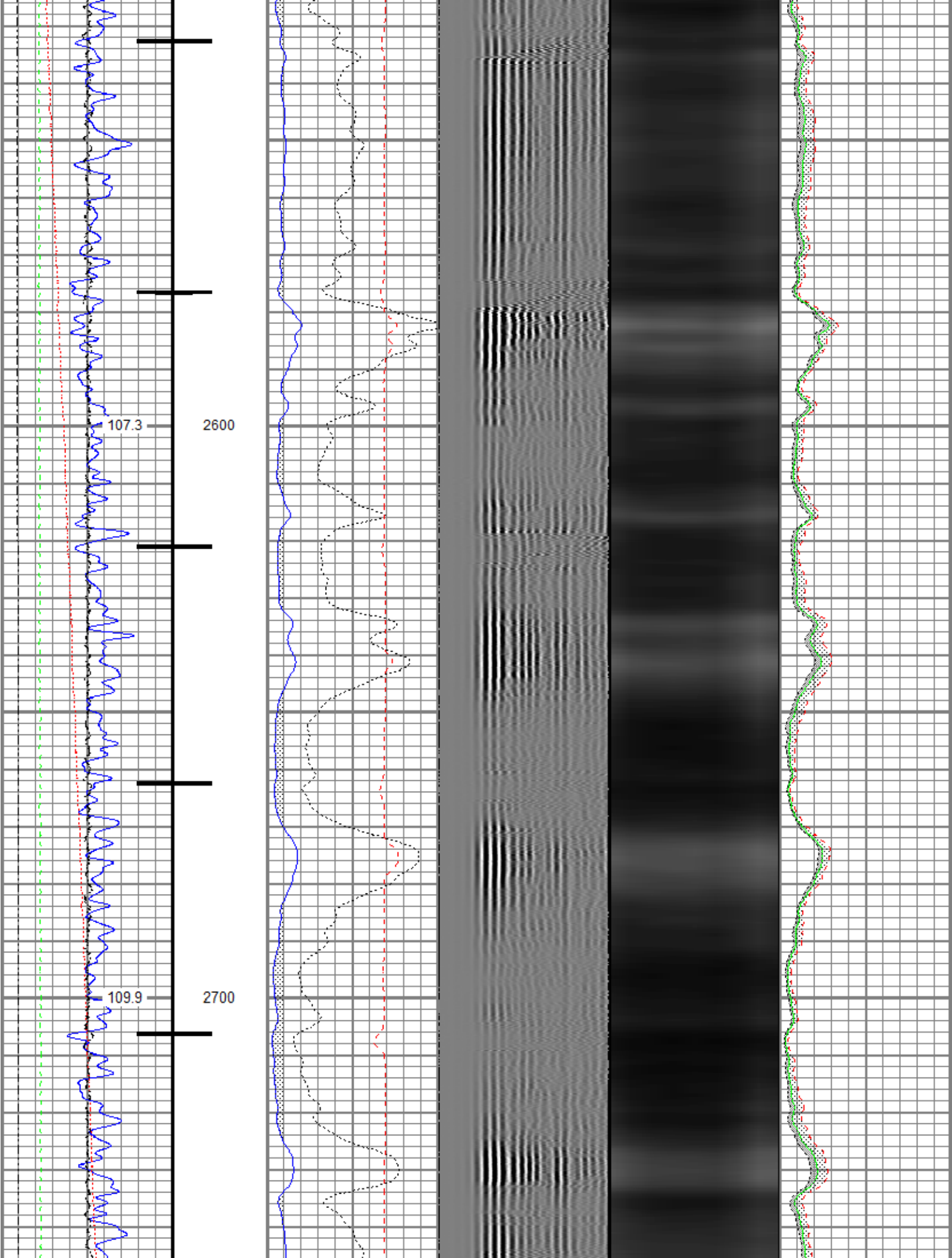


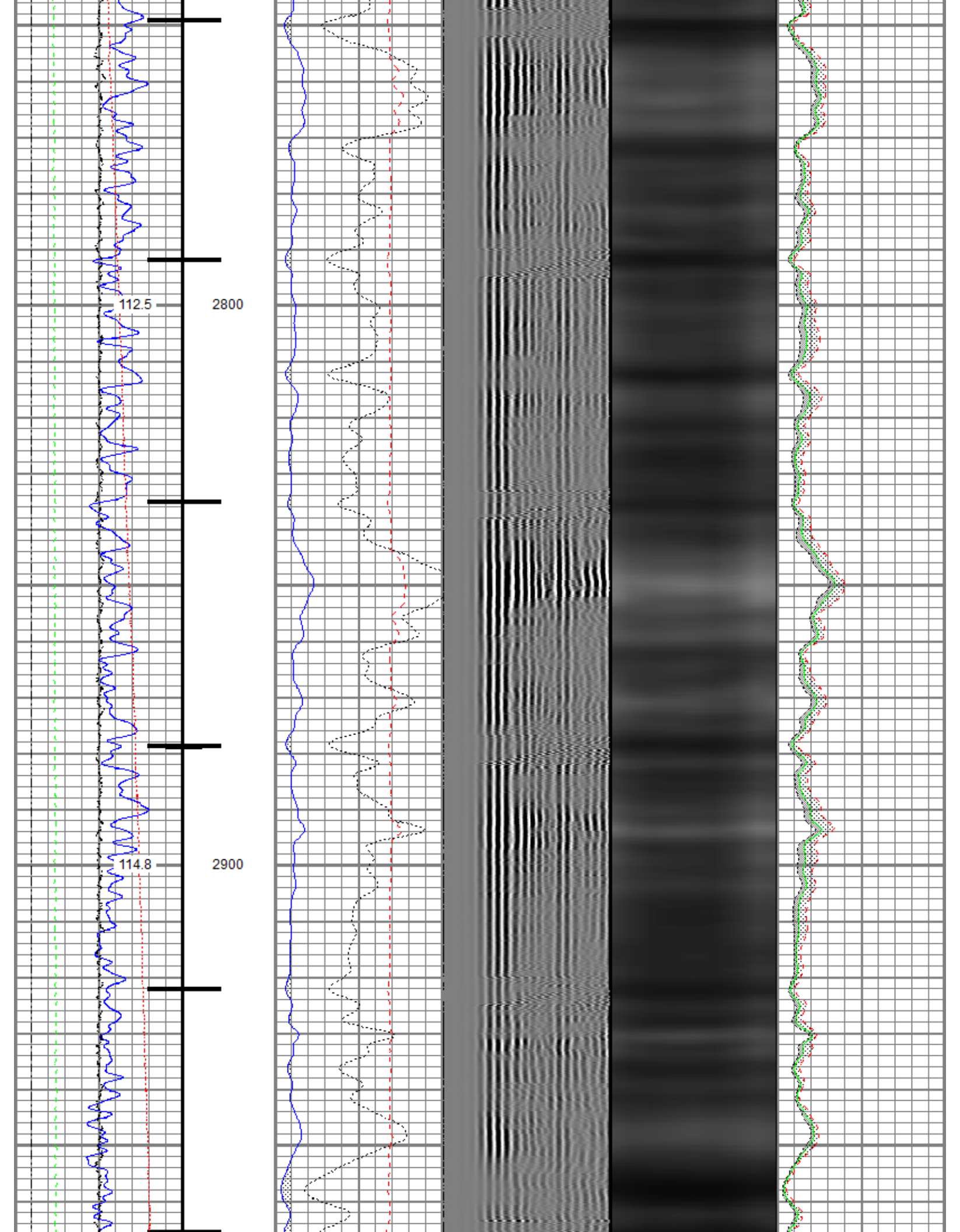


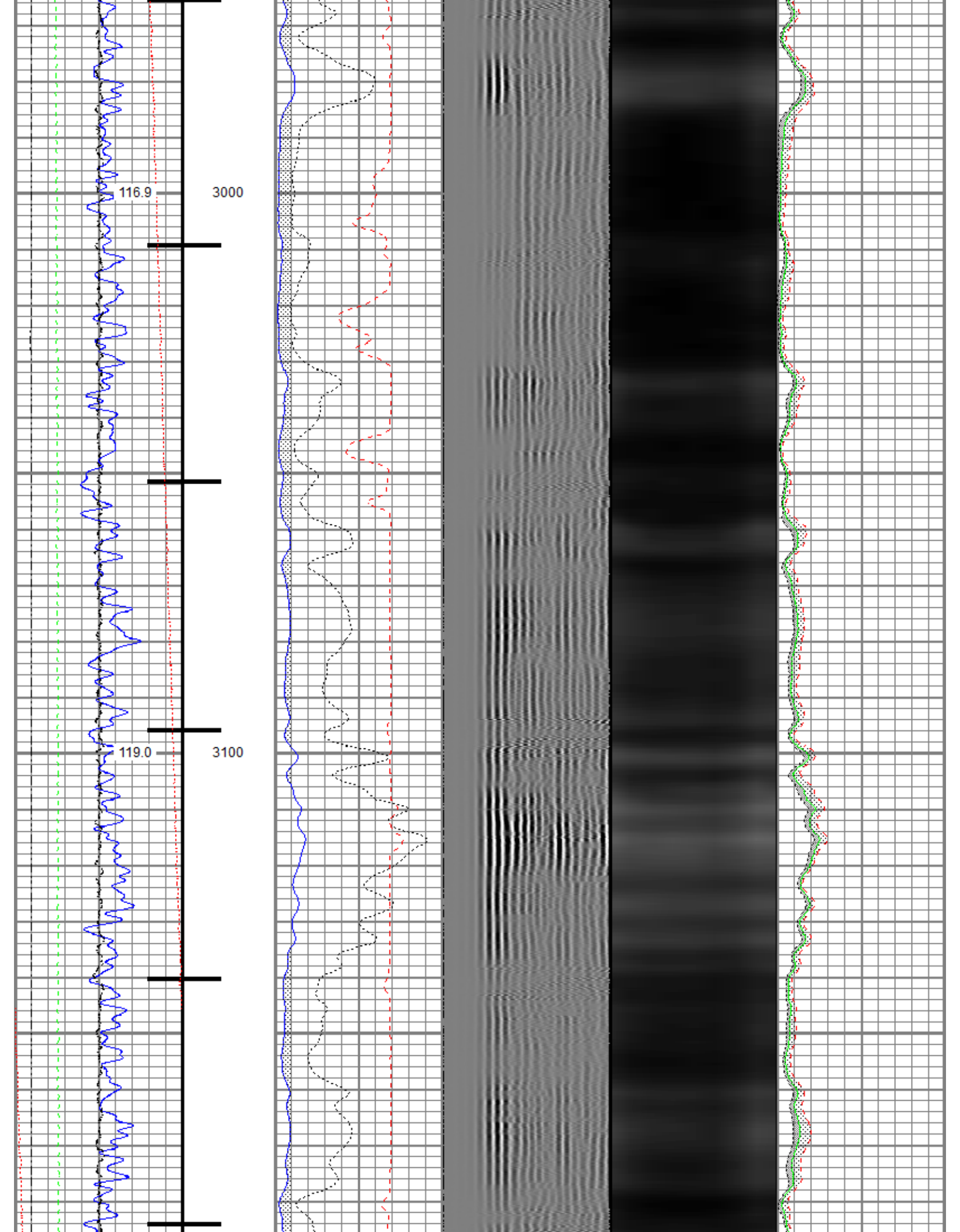


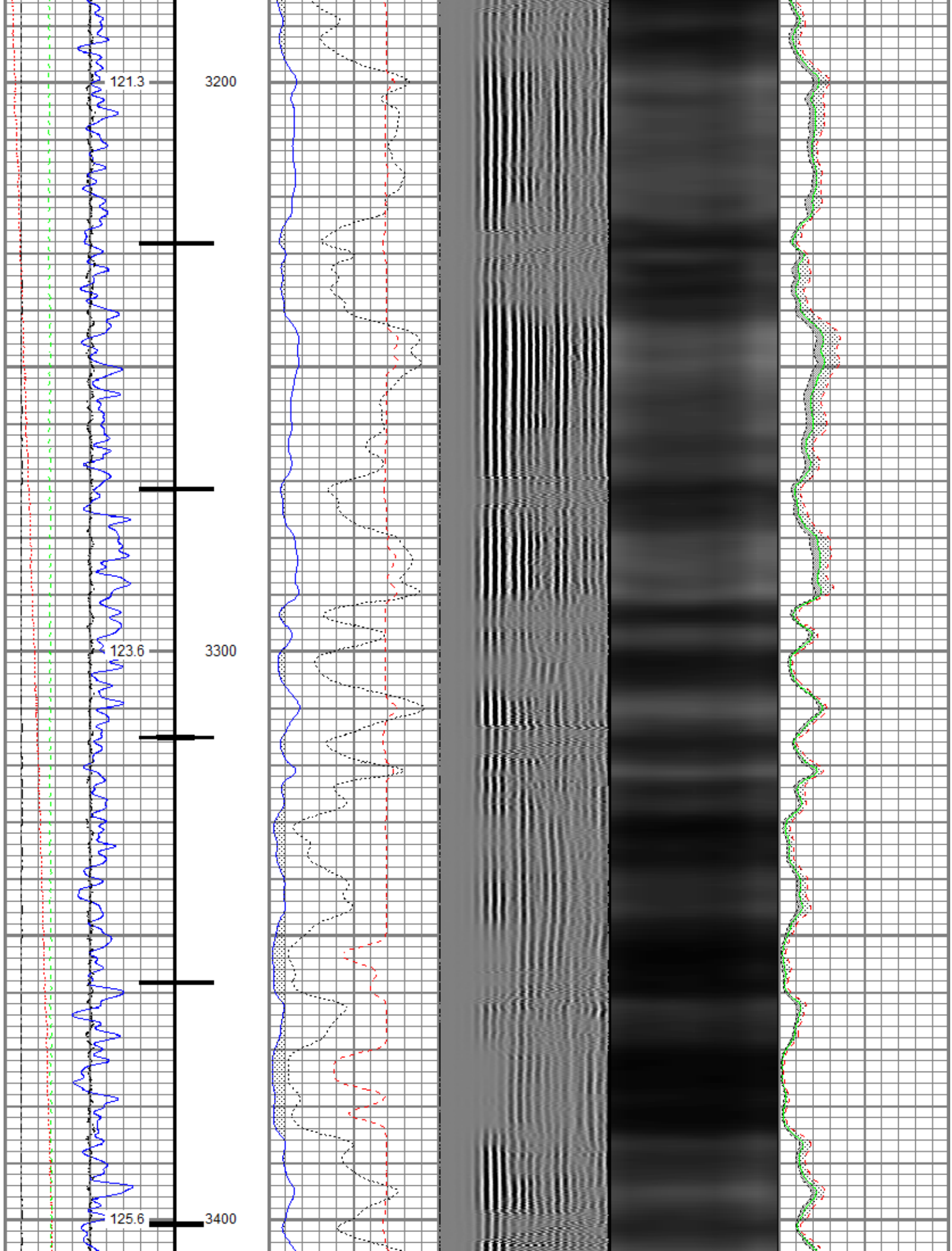


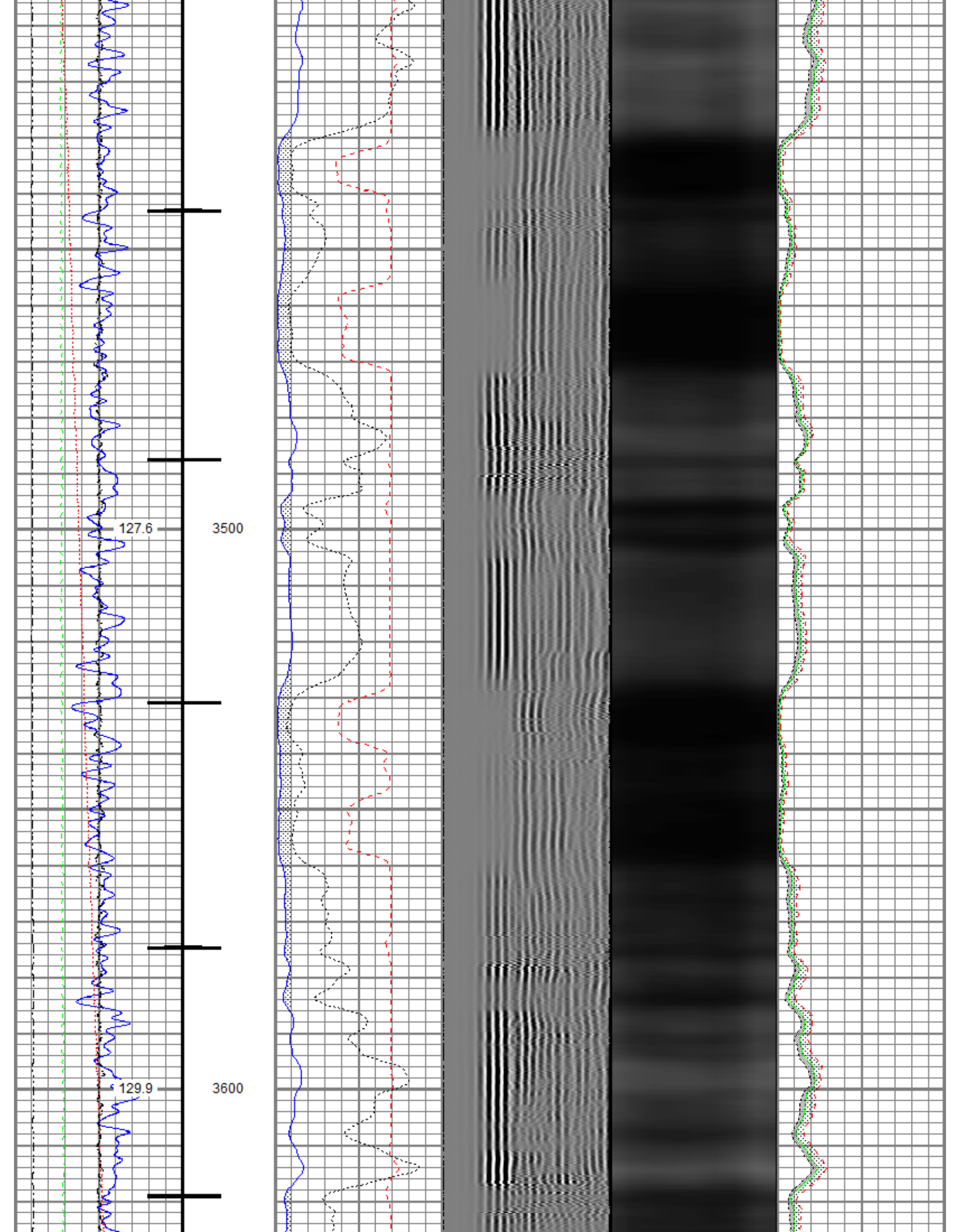


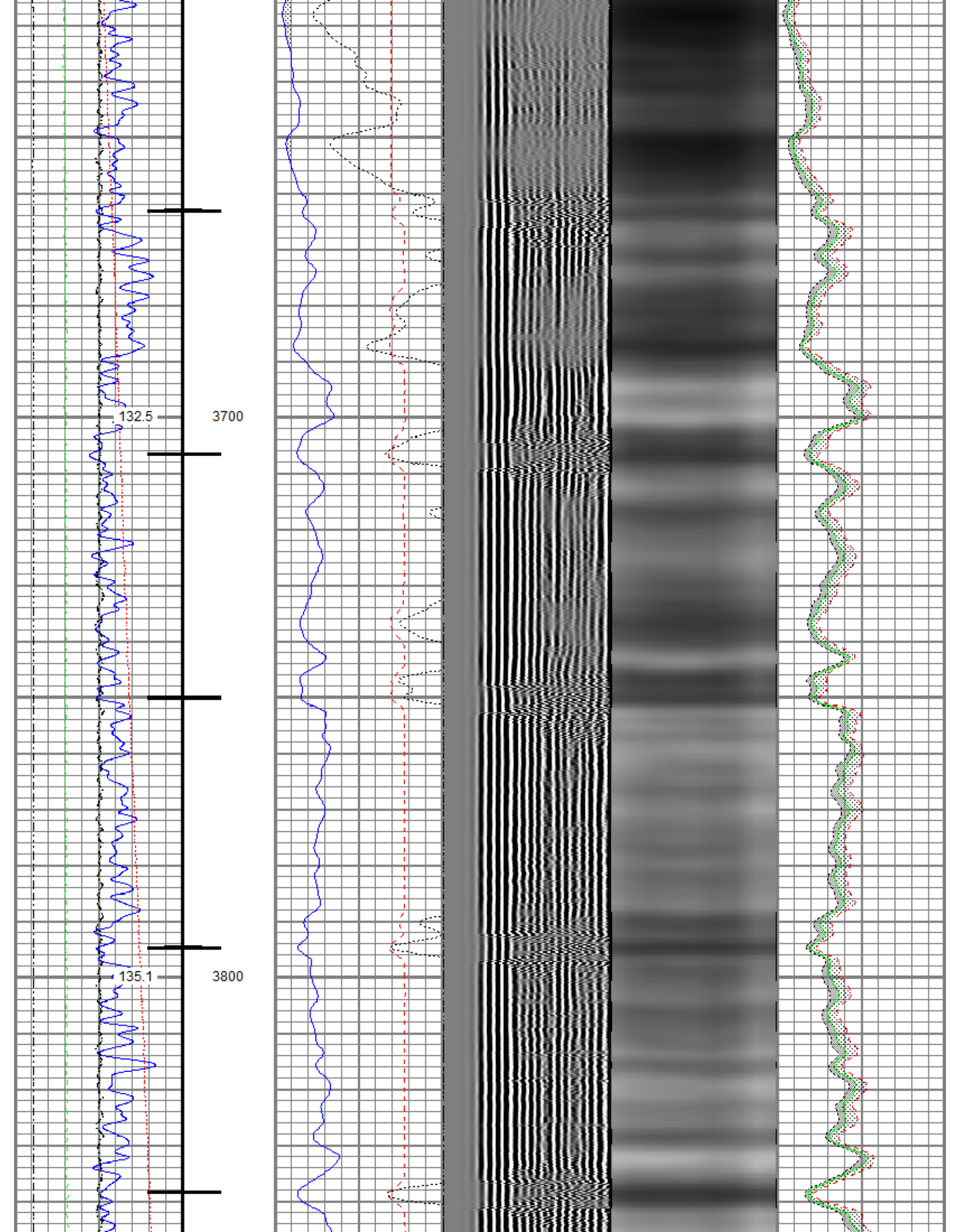


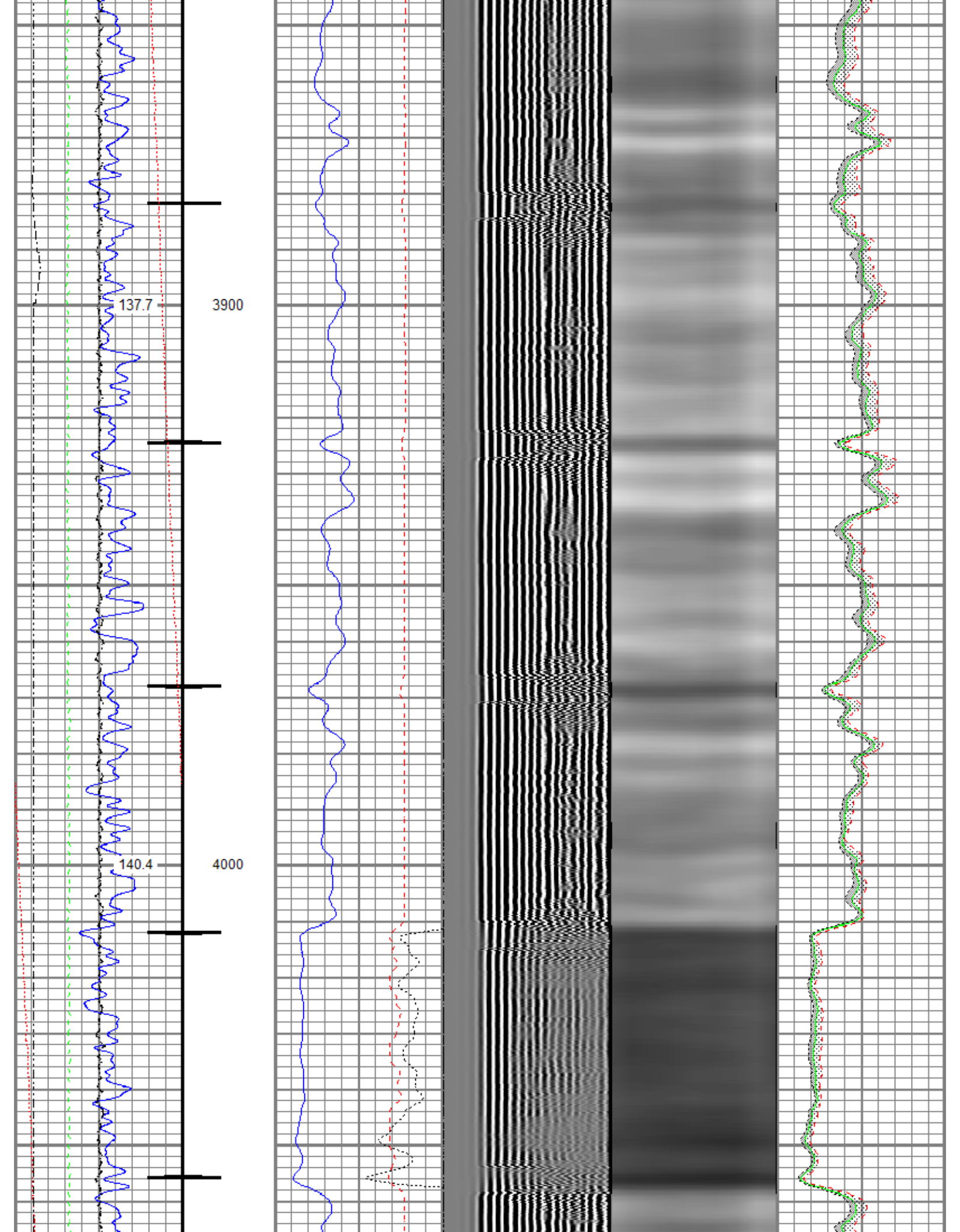


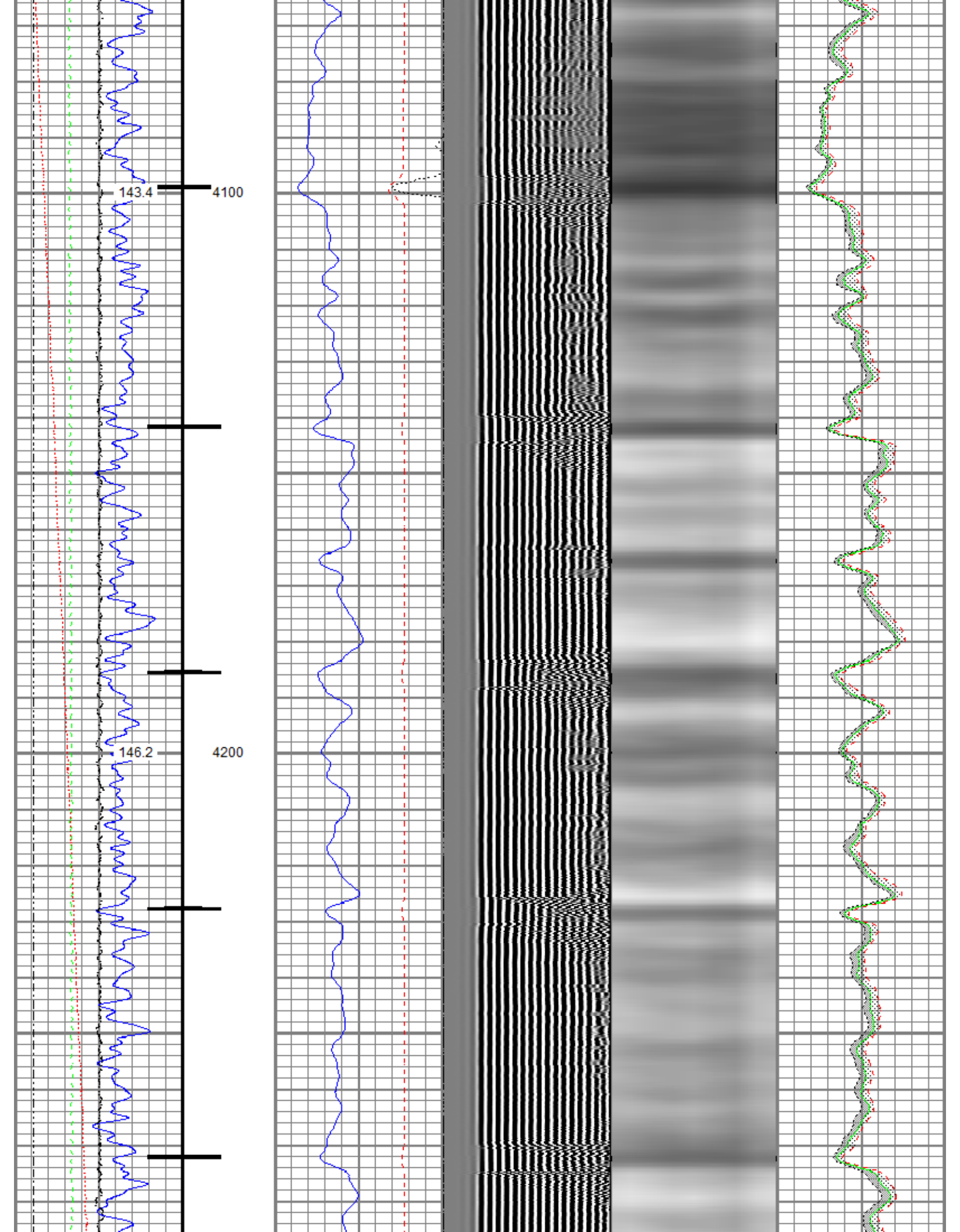


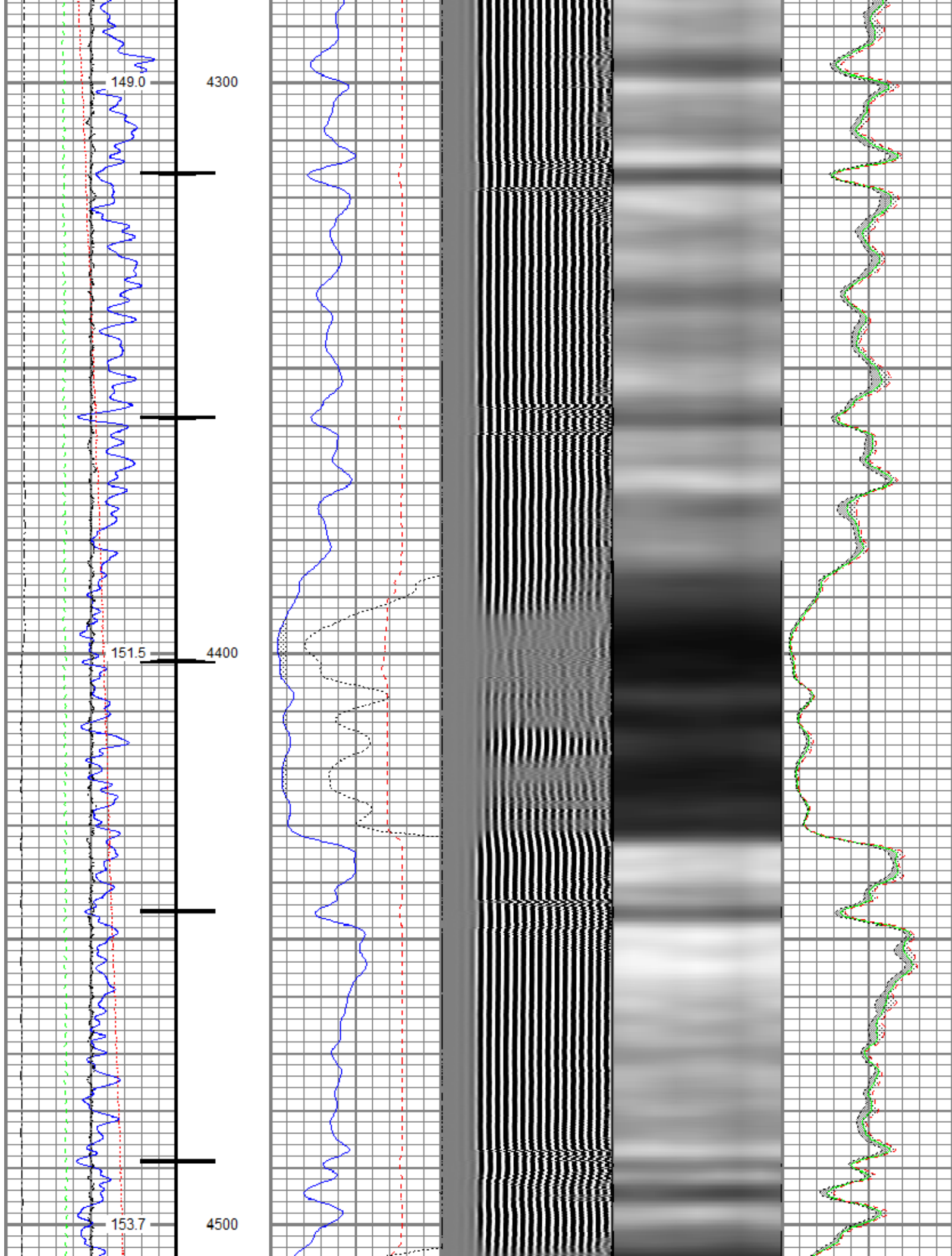


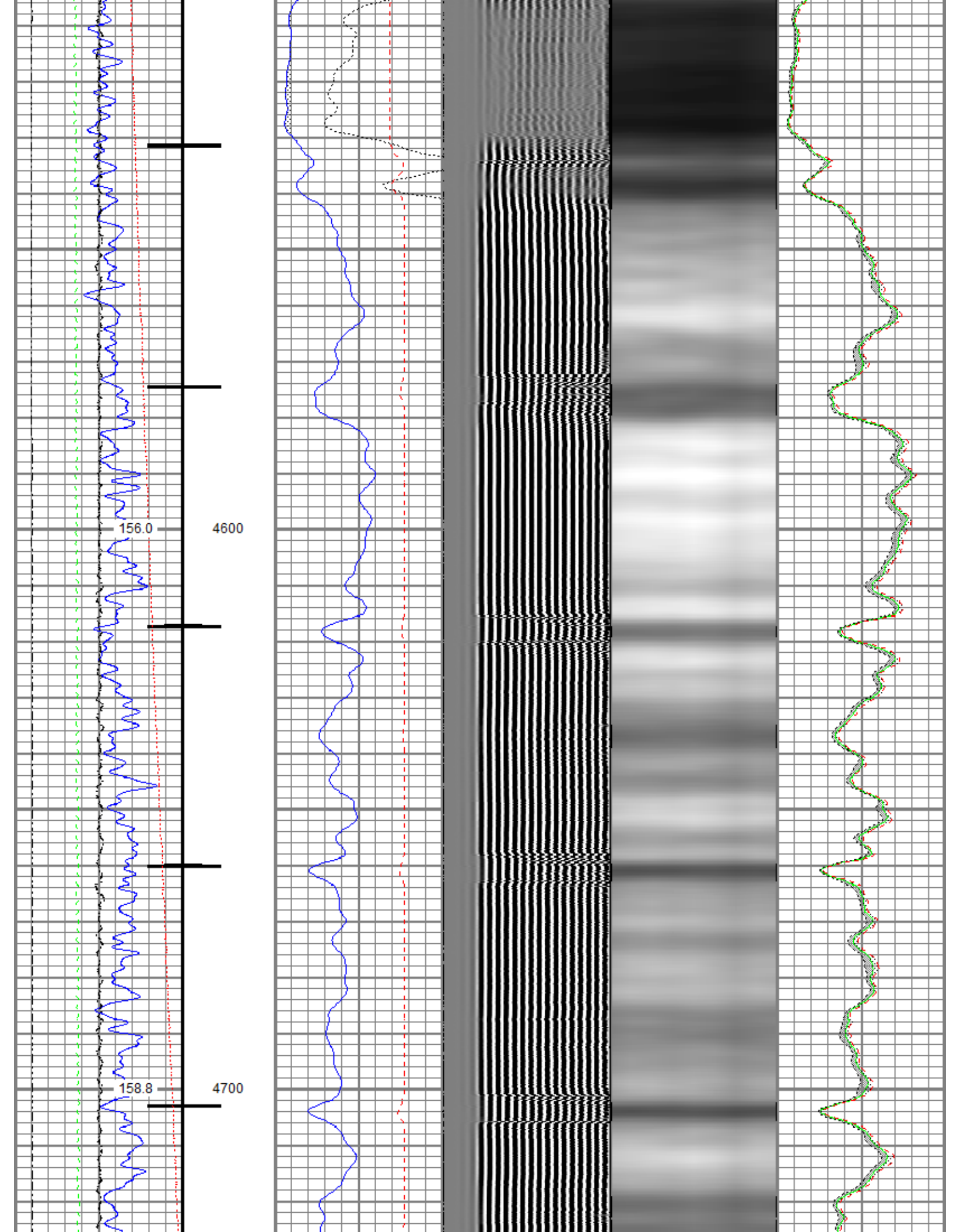


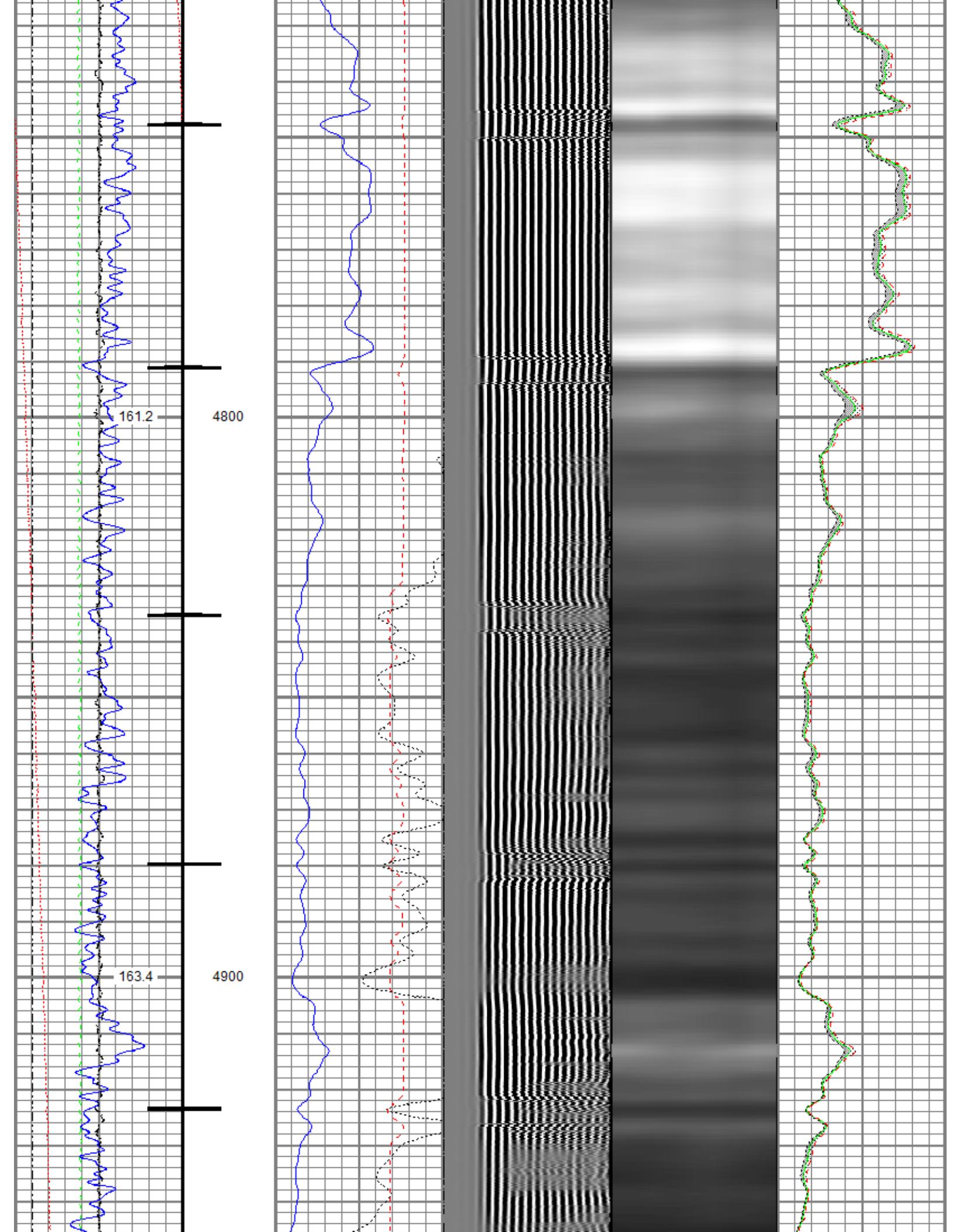


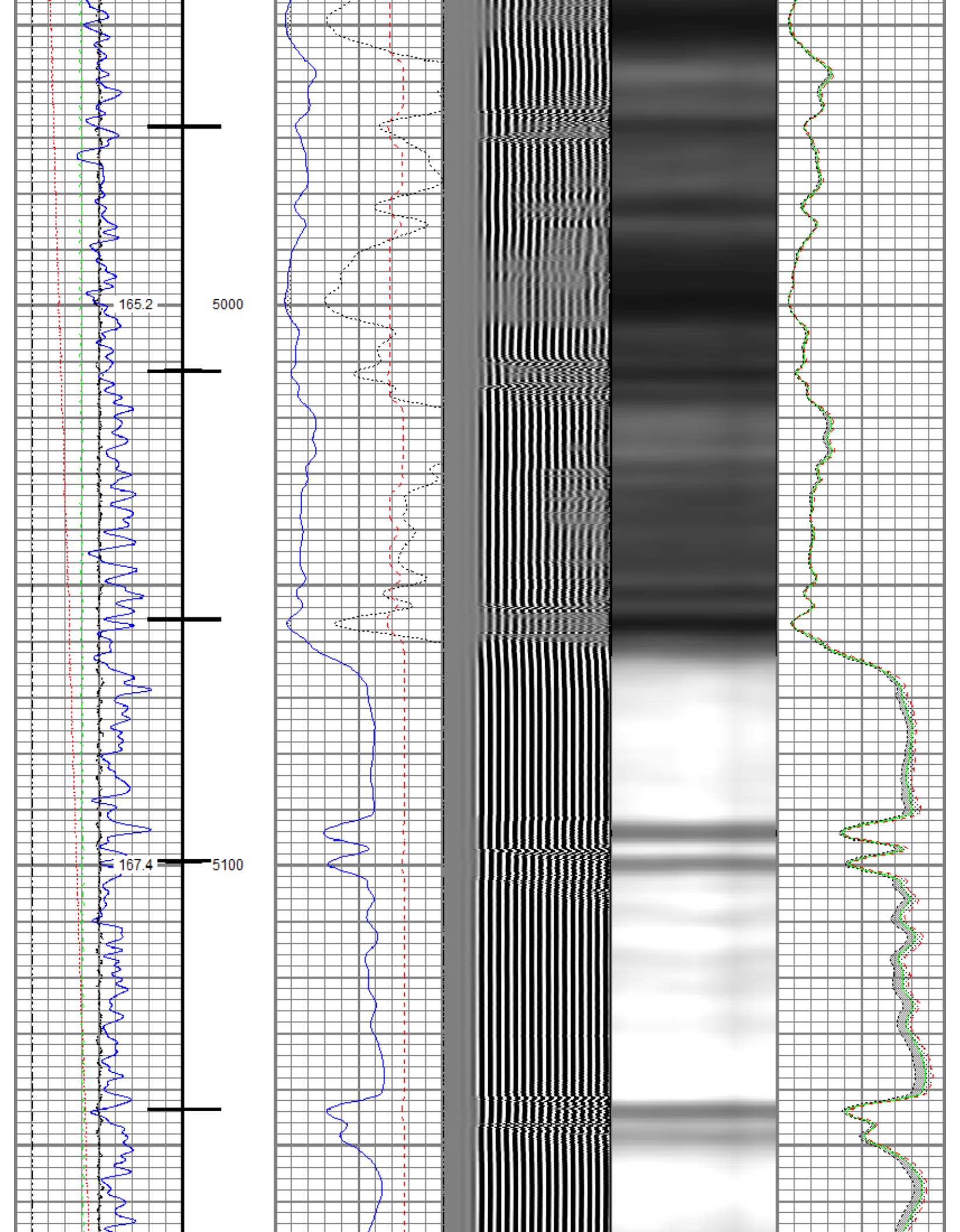


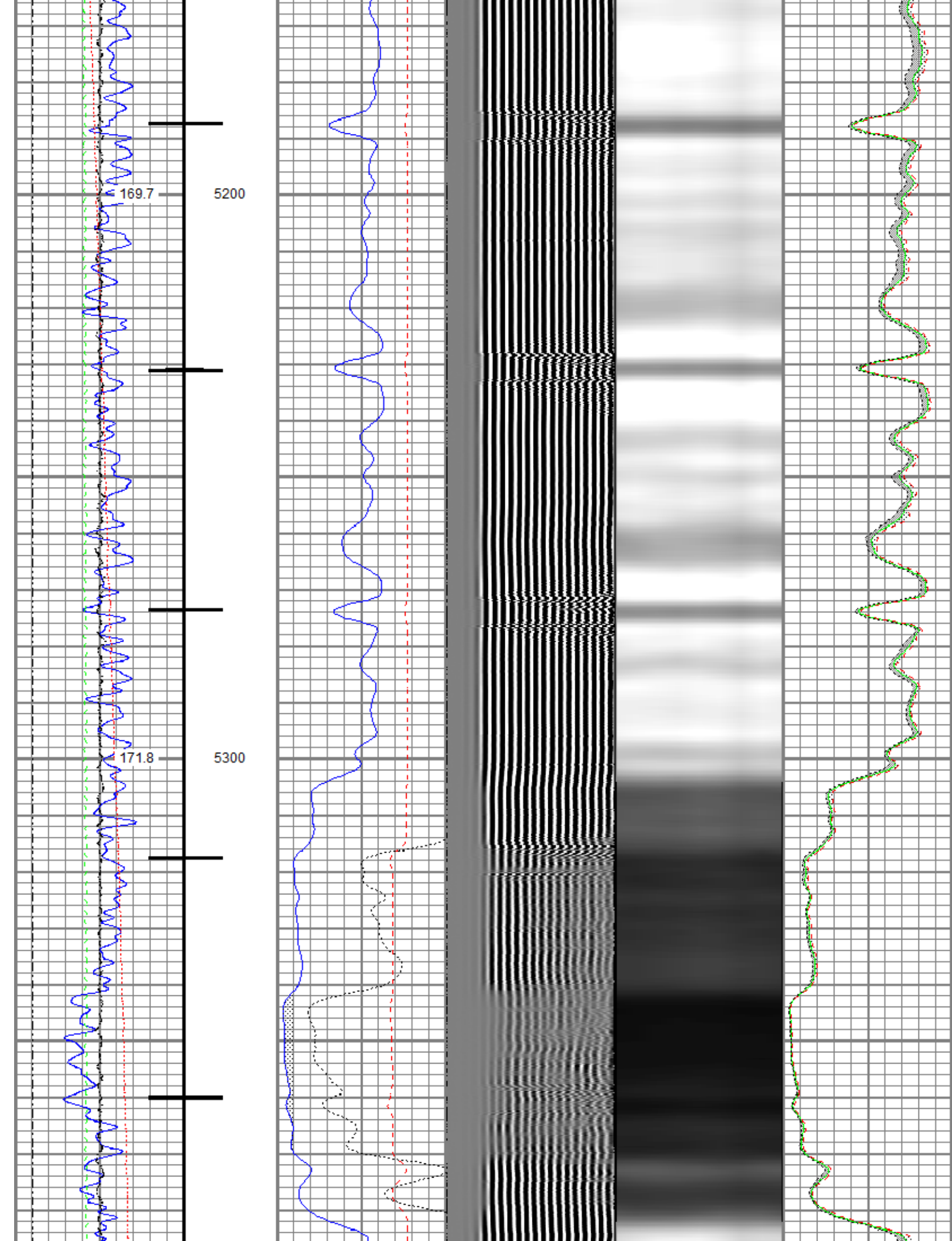


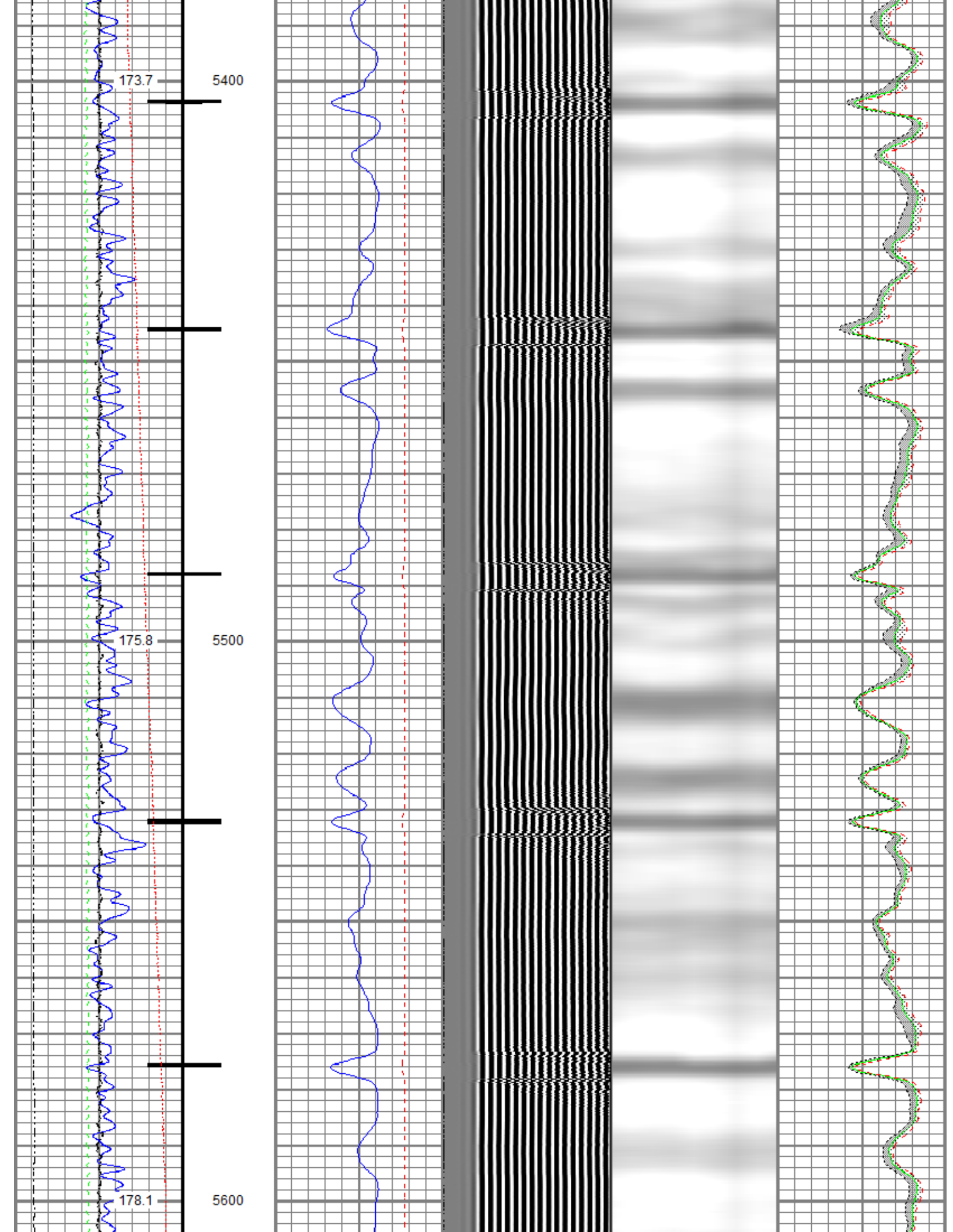


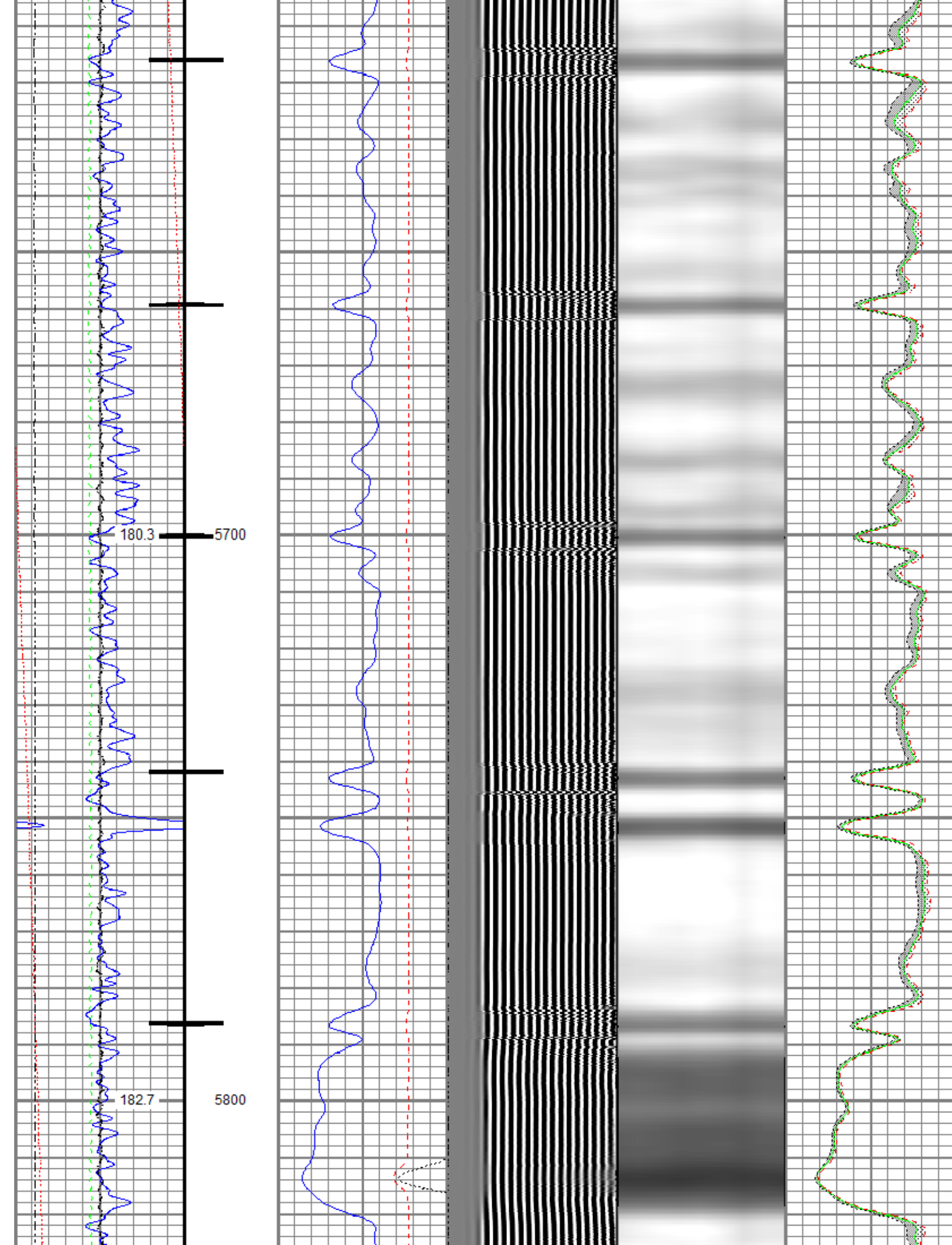


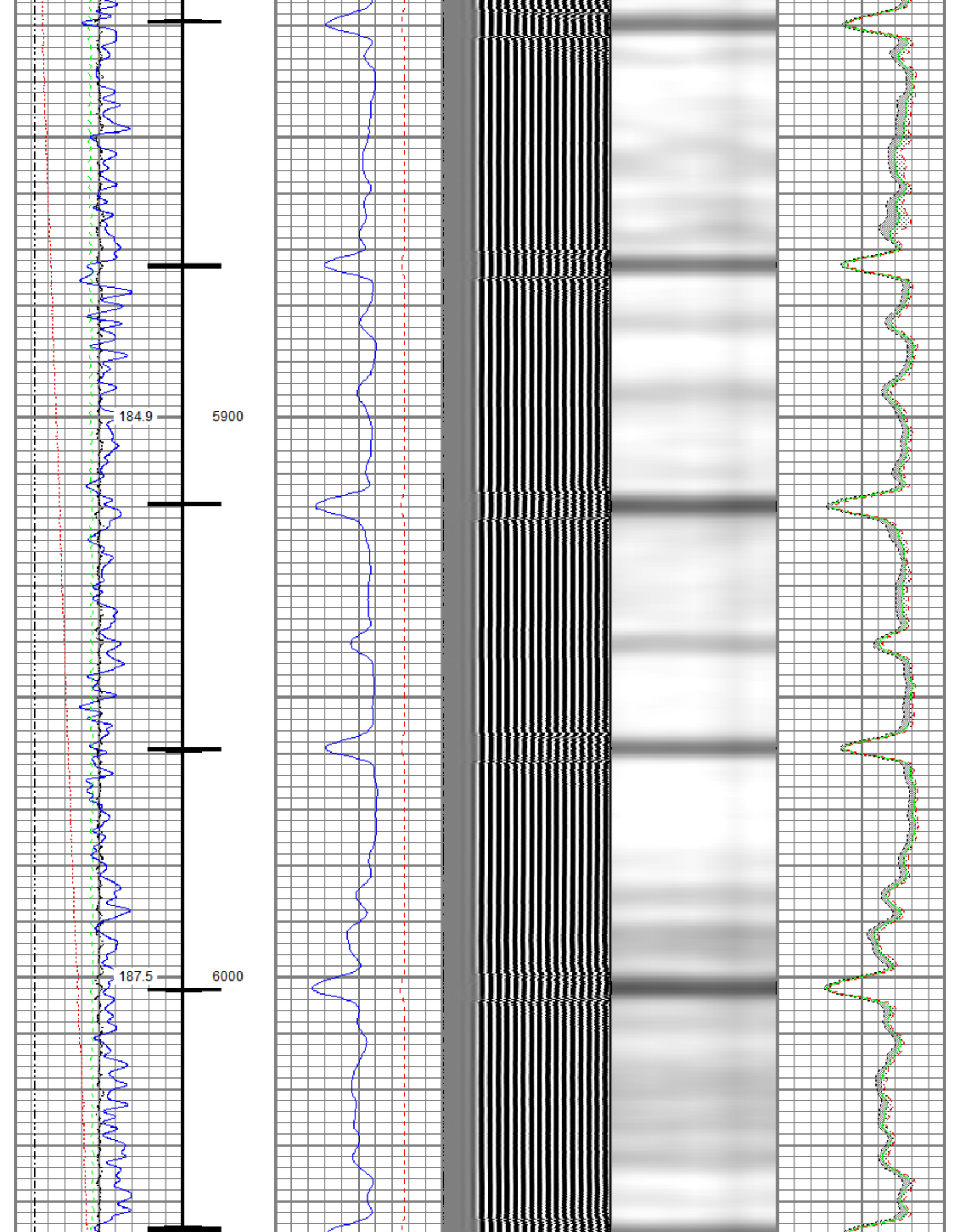


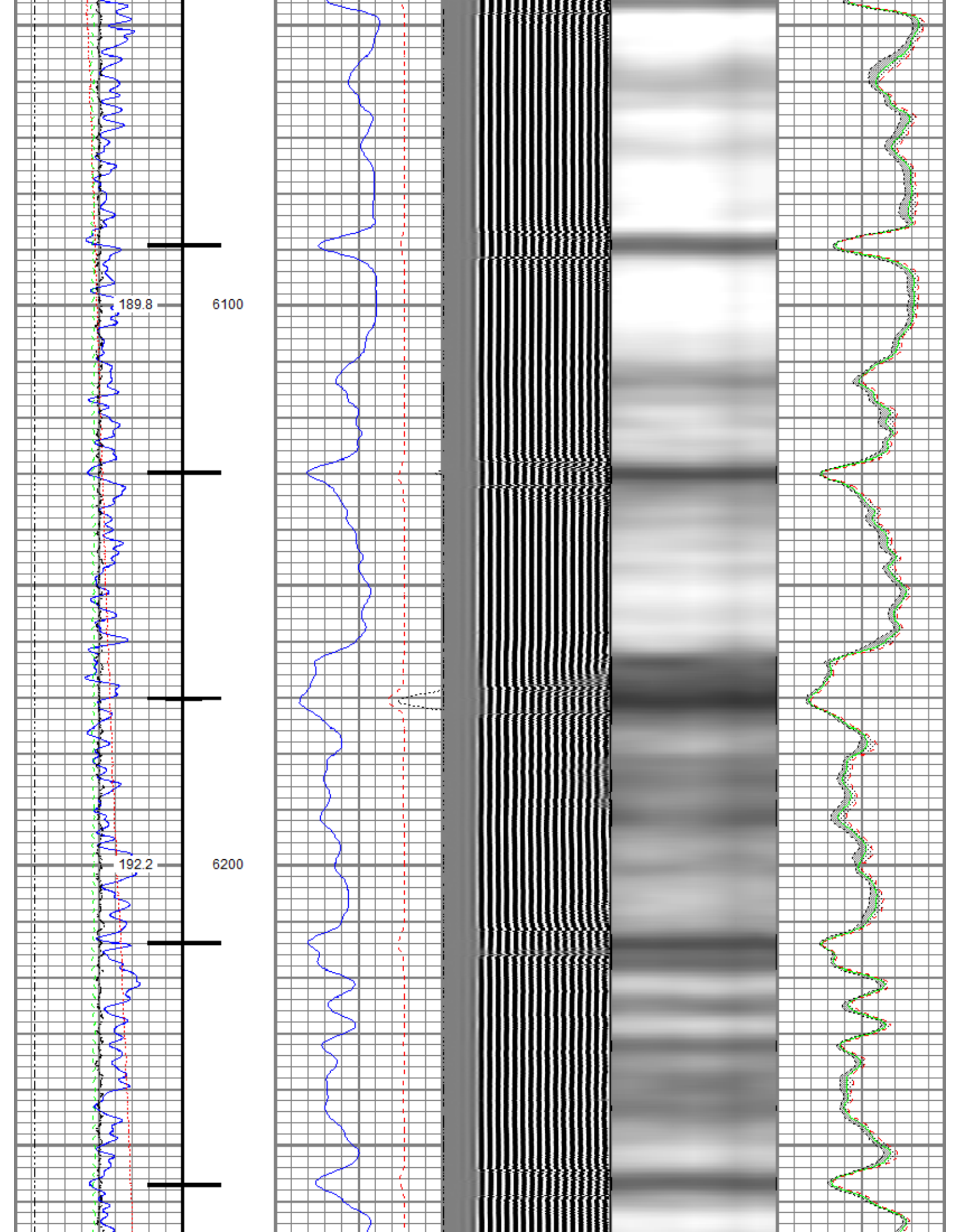


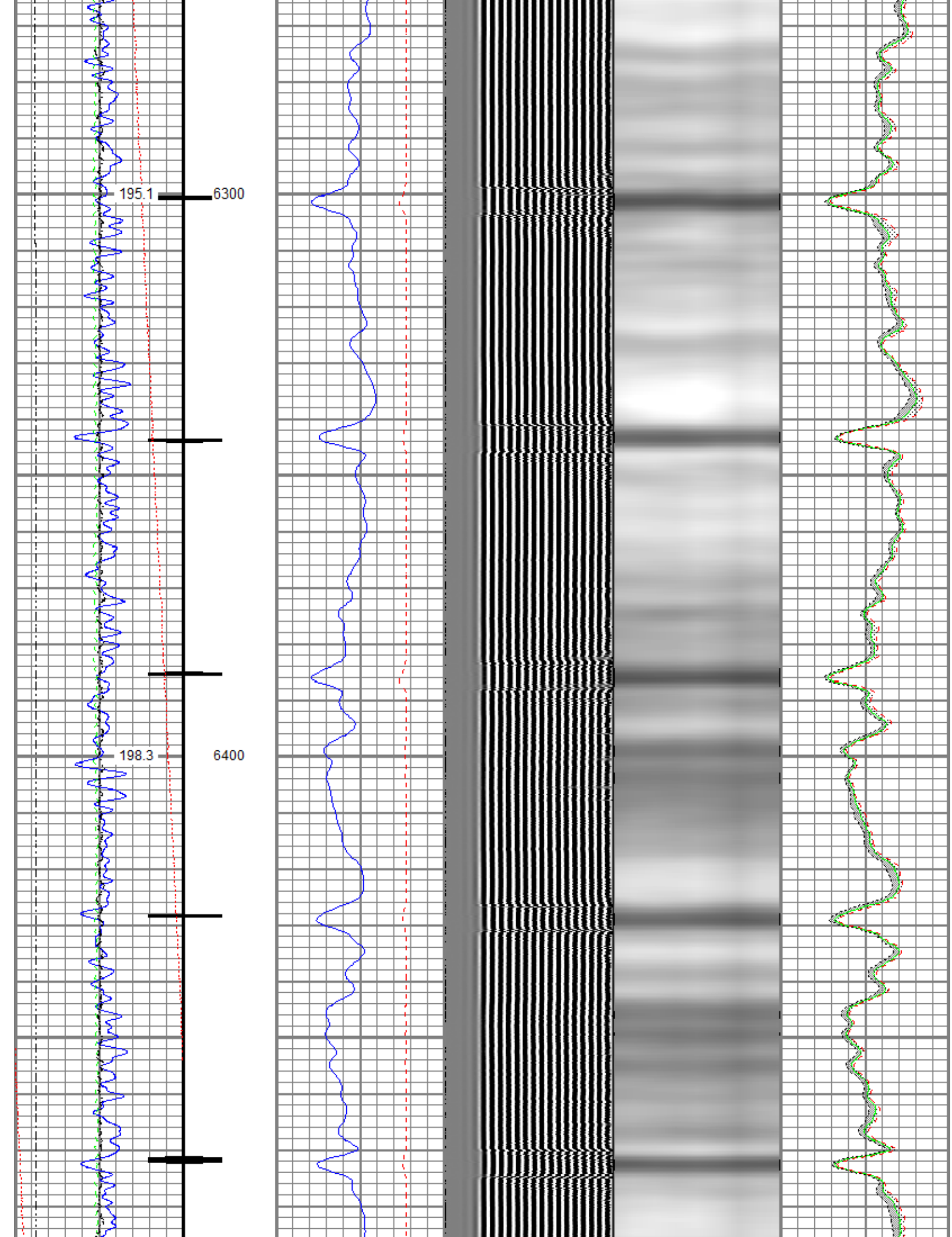


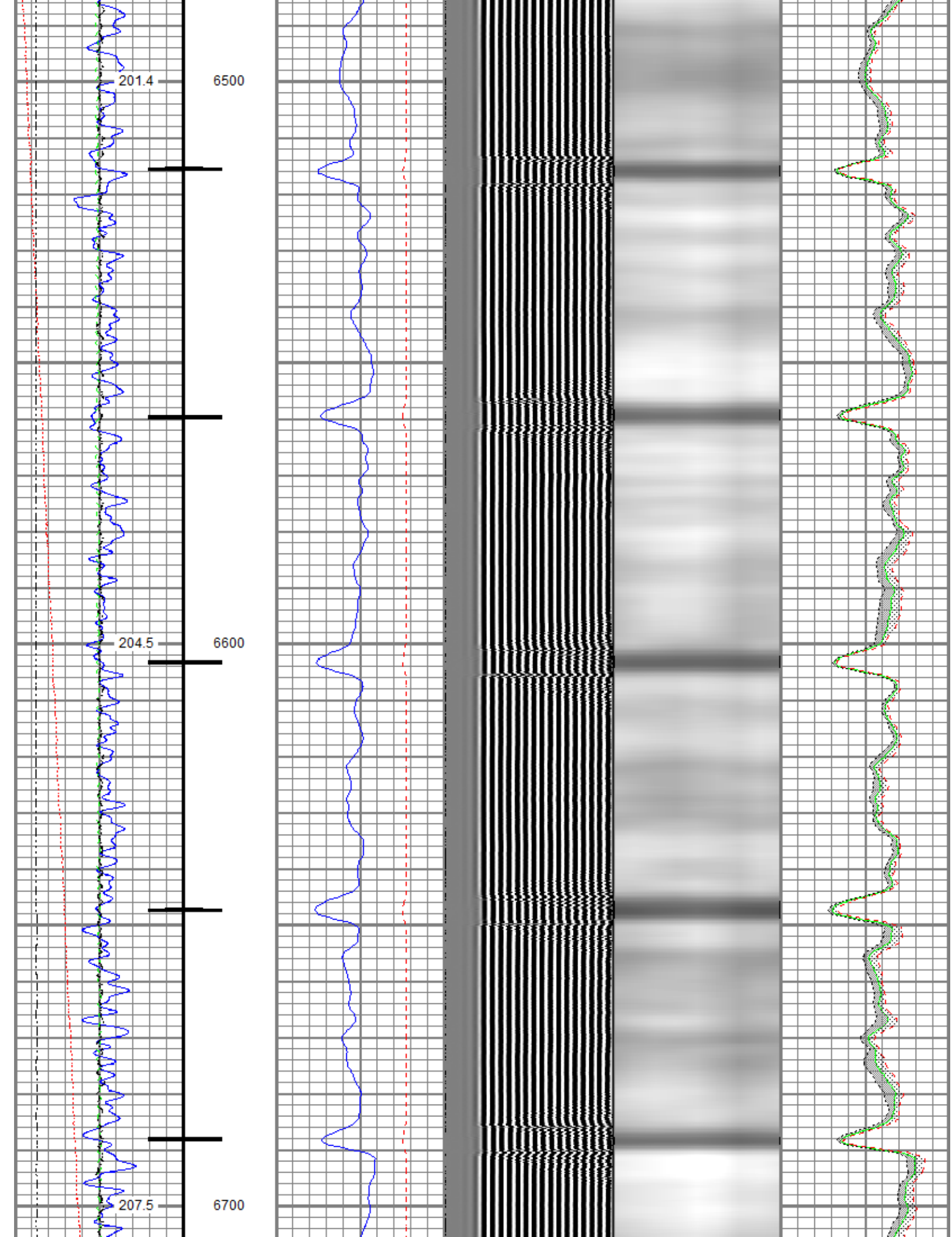


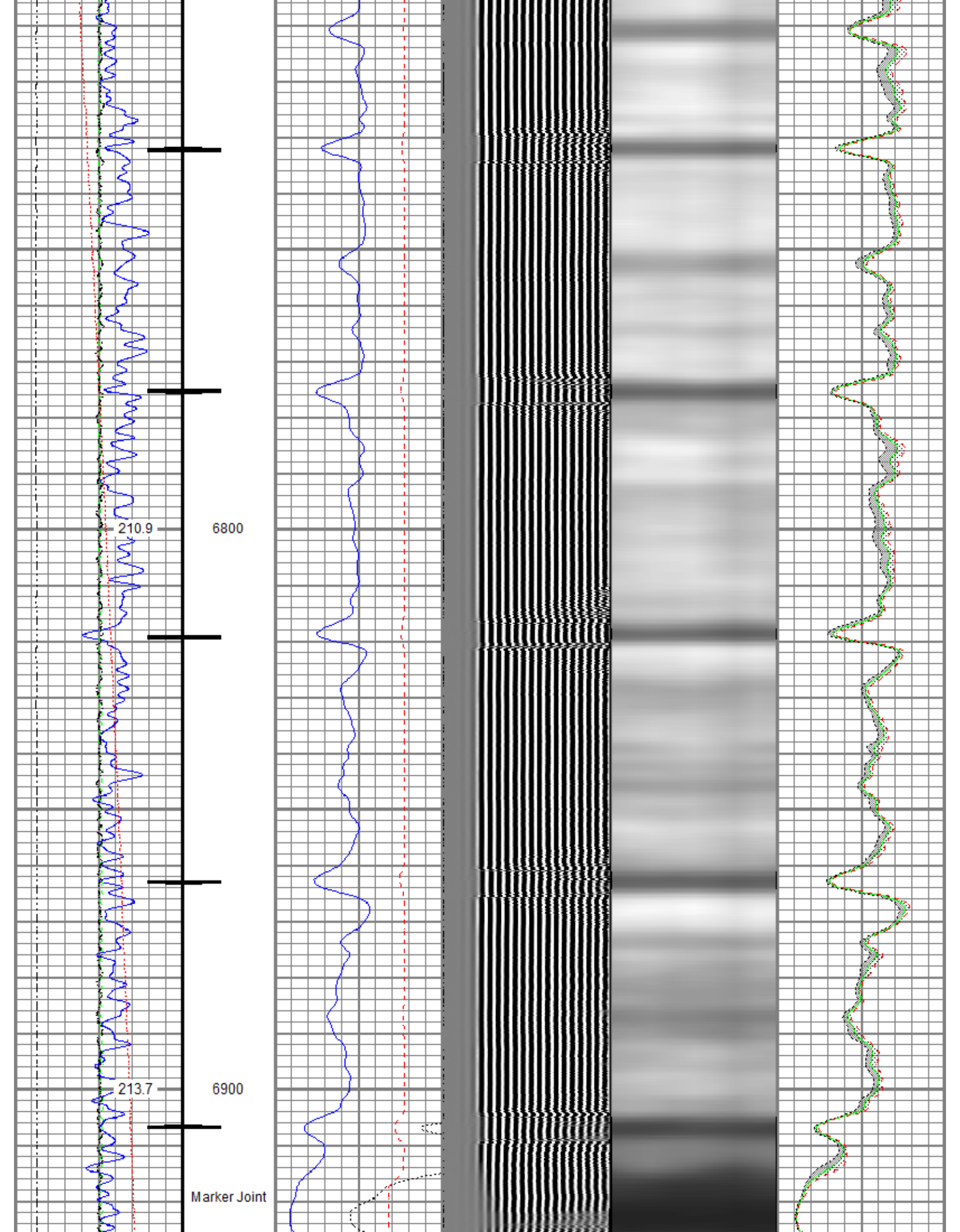


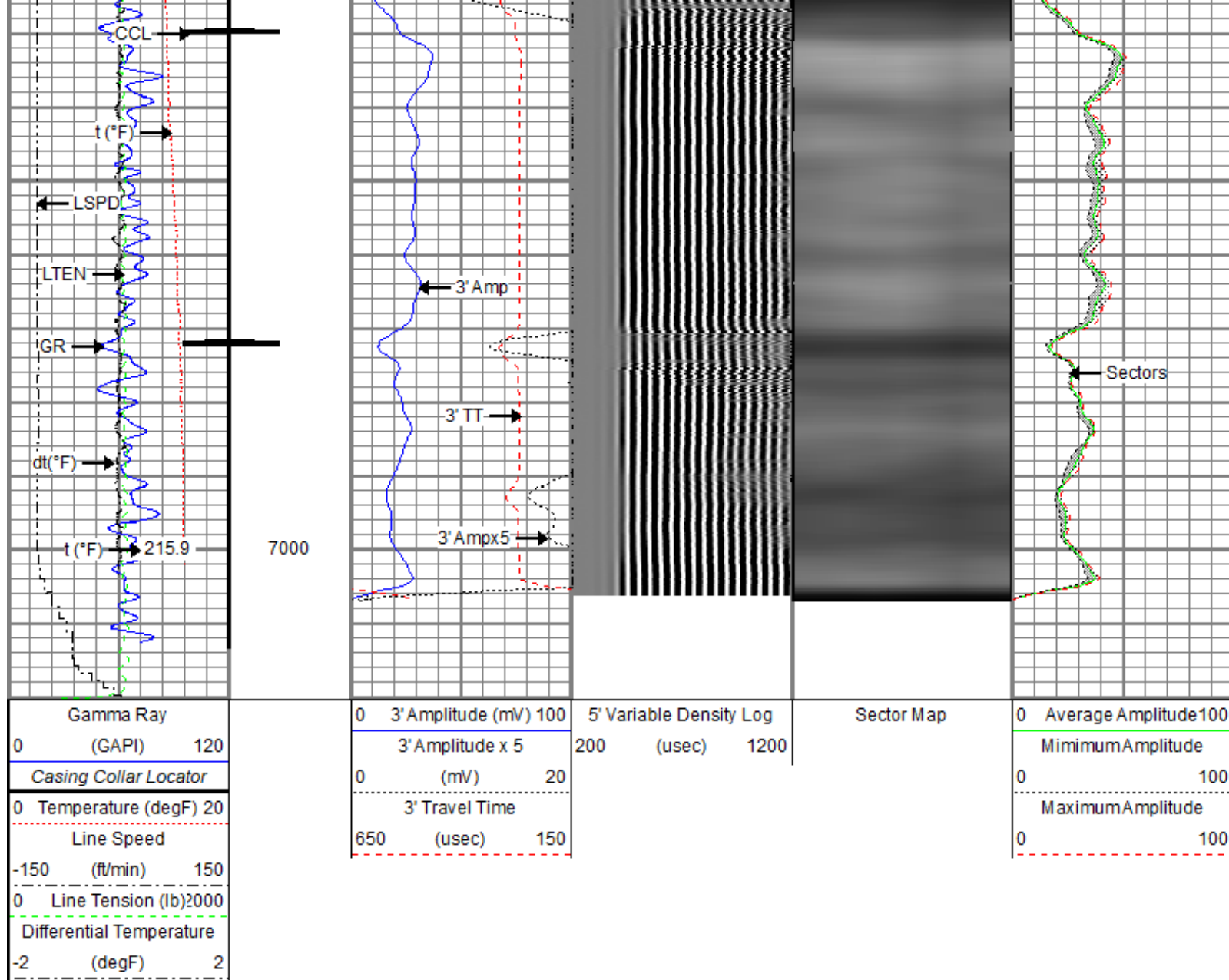








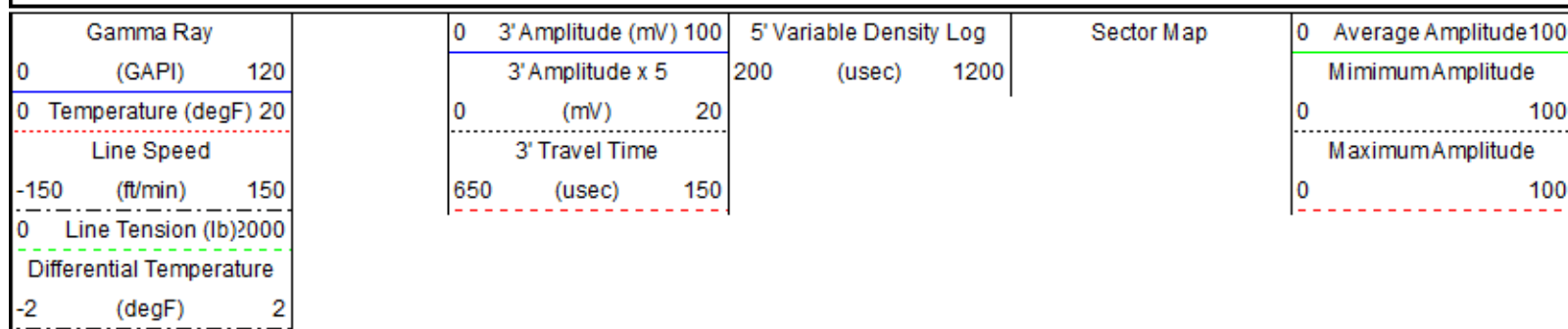




Repeat Pass

Recorded With 0 PSI Surface Induced Pressure

Database File: anadarko\carson 1-13hz\processed_0512348124_anadarko_carson 1-13hz_rbl_09-06-19.db
 Dataset Pathname: RCBL/pass4.4
 Presentation Format: ros_radil
 Dataset Creation: Sat Sep 07 14:21:57 2019
 Charted by: Depth in Feet scaled 1:240



Repeat Pass

211.0

6800

Repeat Pass

Repeat Pass

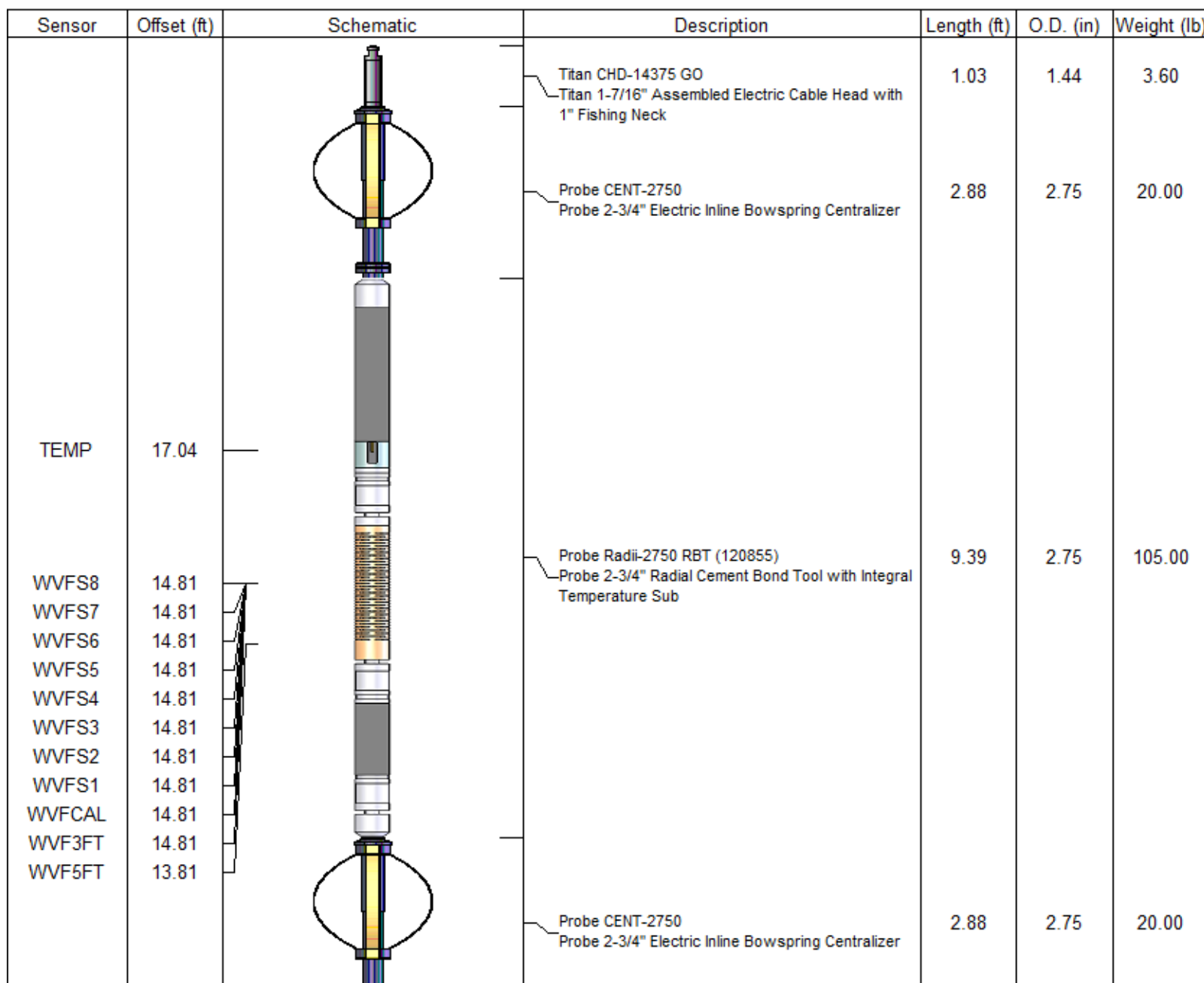
213.9


6900

Repeat Pass

Repeat Pass

21



CCL\$2	6.80		Probe GR-CCL-2750 6PB (FW1810-001) Probe 2-3/4" rev.1 Digital Scintillation Gamma Ray/CCL Combined with 6 Pin Bottom for CNT	4.80	2.75	55.00					
CCL\$1	6.80										
GR	5.46										
Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer											
Dataset: processed_0512348124_anadarko_carson 1-13hz_rbl_09-06-19.db: field/well/RCBL/pass6.1 Total length: 23.86 ft Total weight: 223.60 lb O.D.: 2.75 in											

Calibration Report	
Database File	c:\programdata\warrior\data\anadarko\carson 1-13hz\processed_0512348124_anadarko_carson 1-13hz_rbl_09-06-19.db
Dataset Pathname	RCBL/pass6.1
Dataset Creation	Fri Sep 06 08:22:25 2019

Gamma Ray Calibration Report		
Serial Number:	FW1810-001	
Tool Model:	2750 6PB	
Performed:	Sat Nov 10 12:22:37 2018	
Calibrator Value:	637.0	GAPI
Background Reading:	100.1	cps
Calibrator Reading:	1264.5	cps
Sensitivity:	0.5471	GAPI/cps

Segmented Cement Bond Log Calibration Report		
Serial Number:	120855	
Tool Model:	2750 RBT	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	22.220	ft

Master Calibration, performed (Derived):						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.004	0.540	0.800	71.921	132.765	0.206
CAL	0.595	0.596				
5'	0.003	0.540	0.800	71.921	132.593	0.369
SUM						
S1	0.005	0.568	0.000	100.000	177.520	-0.863
S2	0.004	0.541	0.000	100.000	186.407	-0.822
S3	0.004	0.537	0.000	100.000	187.635	-0.812
S4	0.002	0.537	0.000	100.000	187.058	-0.375
S5	0.004	0.546	0.000	100.000	184.513	-0.787
S6	0.004	0.580	0.000	100.000	173.777	-0.758

S6	0.004	0.599	0.000	100.000	173.777	-0.738
S7	0.004	0.594	0.000	100.000	169.614	-0.717
S8	0.004	0.591	0.000	100.000	170.478	-0.748

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.595	0.596	1.000	0.000

Air Zero Calibration, performed Thu Sep 05 09:44:37 2019:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.005		0.000		-0.000	
5'	0.008		0.000		0.000	
SUM						
S1	0.002		0.000		0.000	
S2	0.004		0.000		0.000	
S3	0.010		0.000		-0.000	
S4	0.004		0.000		-0.000	
S5	0.010		0.000		-0.000	
S6	0.010		0.000		-0.000	
S7	0.003		0.000		-0.000	
S8	0.007		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 Carson 1-13HZ
Field Wattenberg
County Weld
State Colorado