

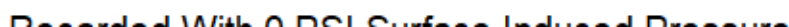
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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.

Log ran as per customer request
Depth referenced to Casing Tally reported Marker Joint at 7259 FT
Adjusted -4 FT to correlate with Marker Joint
Gauge Ring/Junk Basket ran to 8340 FT
Retrievable Bridge Plug set at 7350 FT
Log ran with 0 PSI Surface Induced Pressure
Logging tools were clean and free of debris upon completion of operations

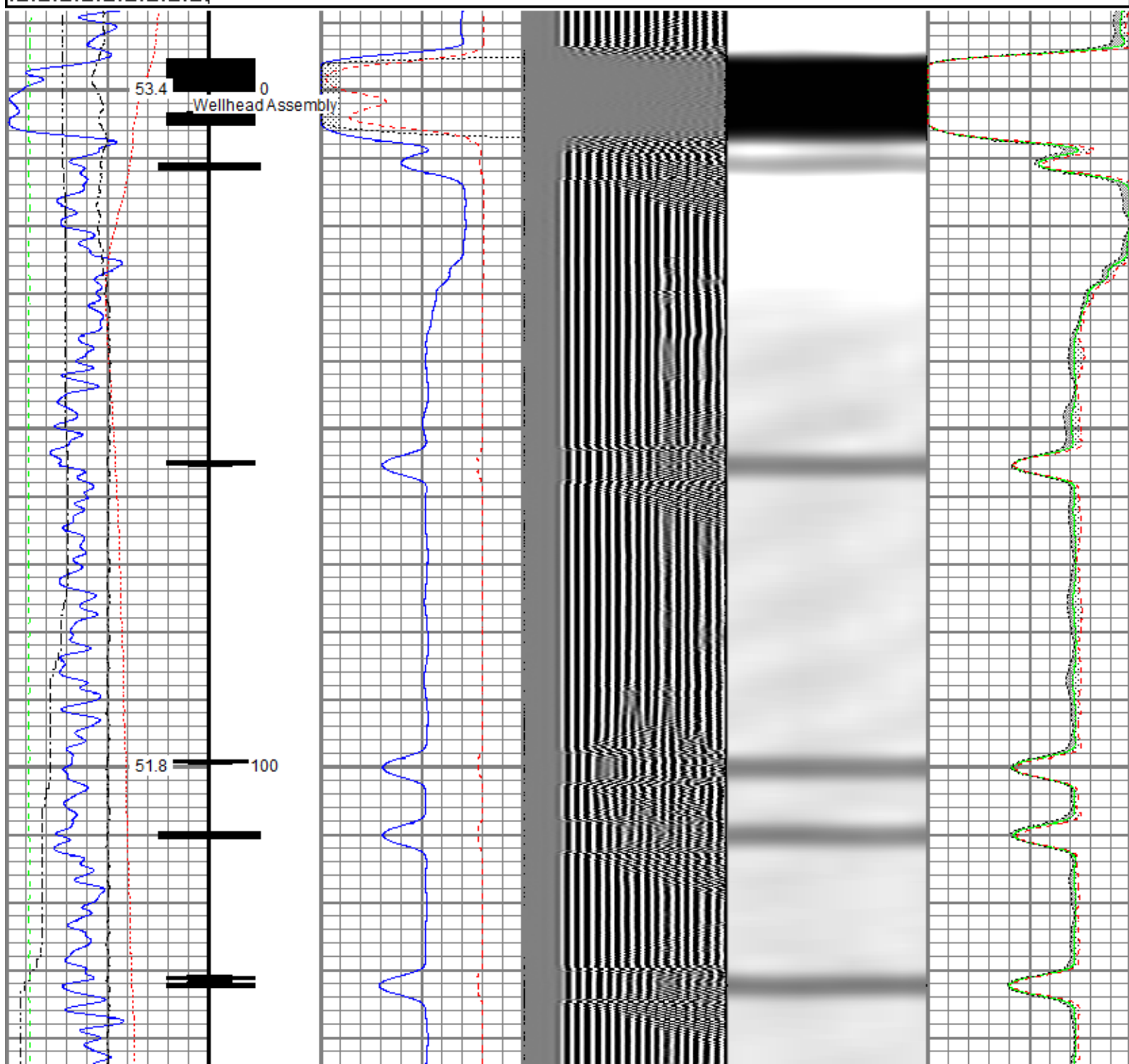
Thank you for choosing Reliance Oilfield Services, LLC!!

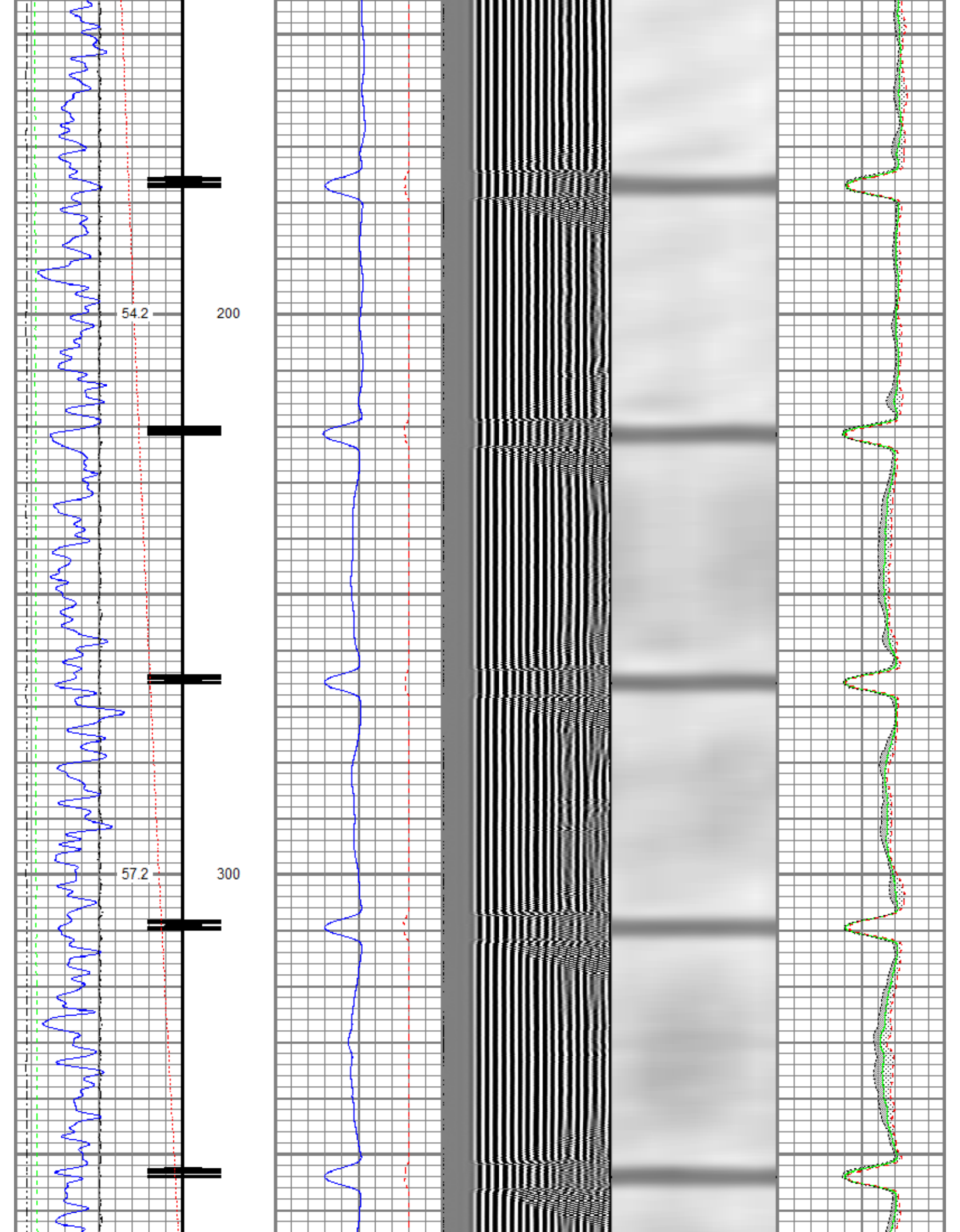
Main Pass

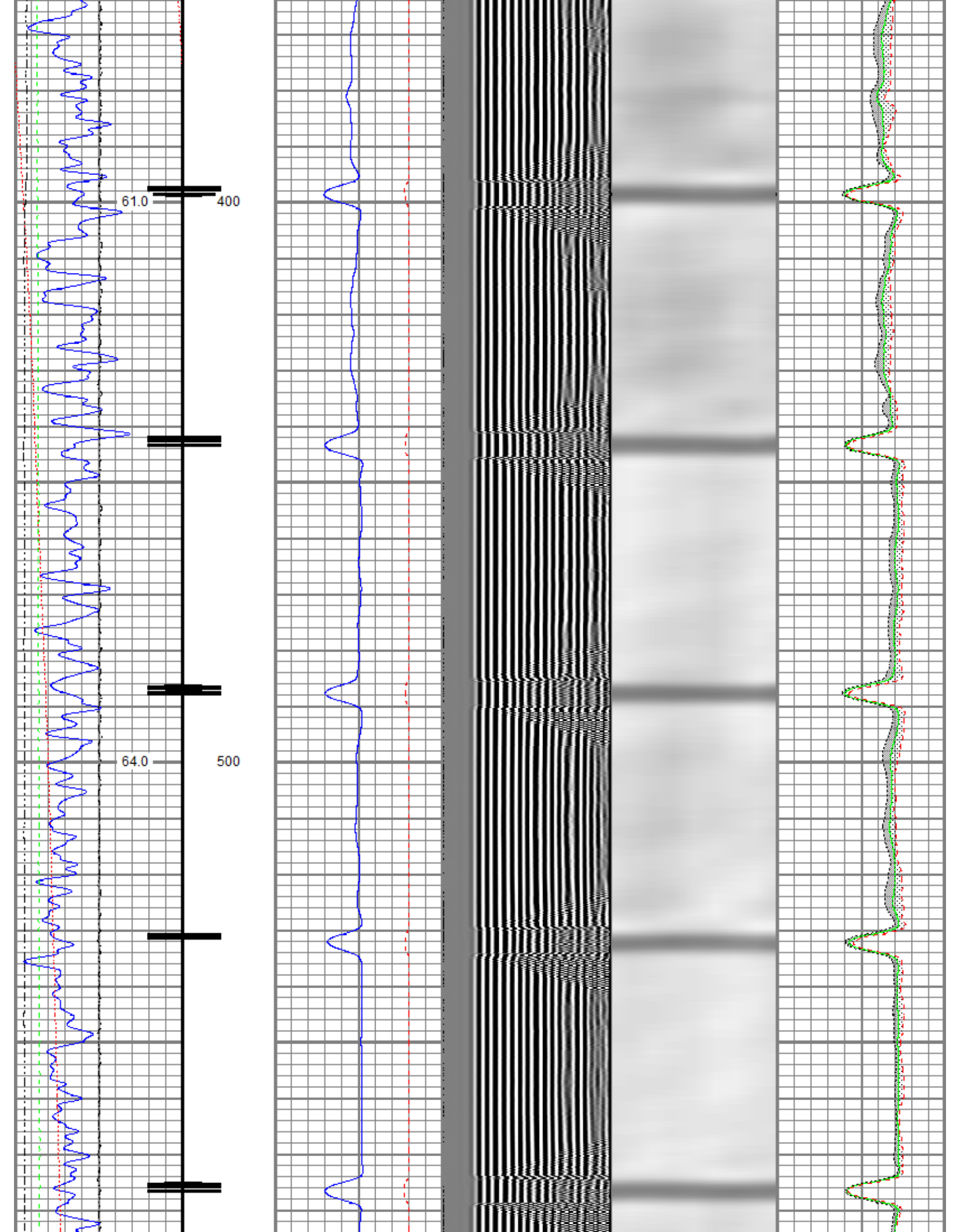


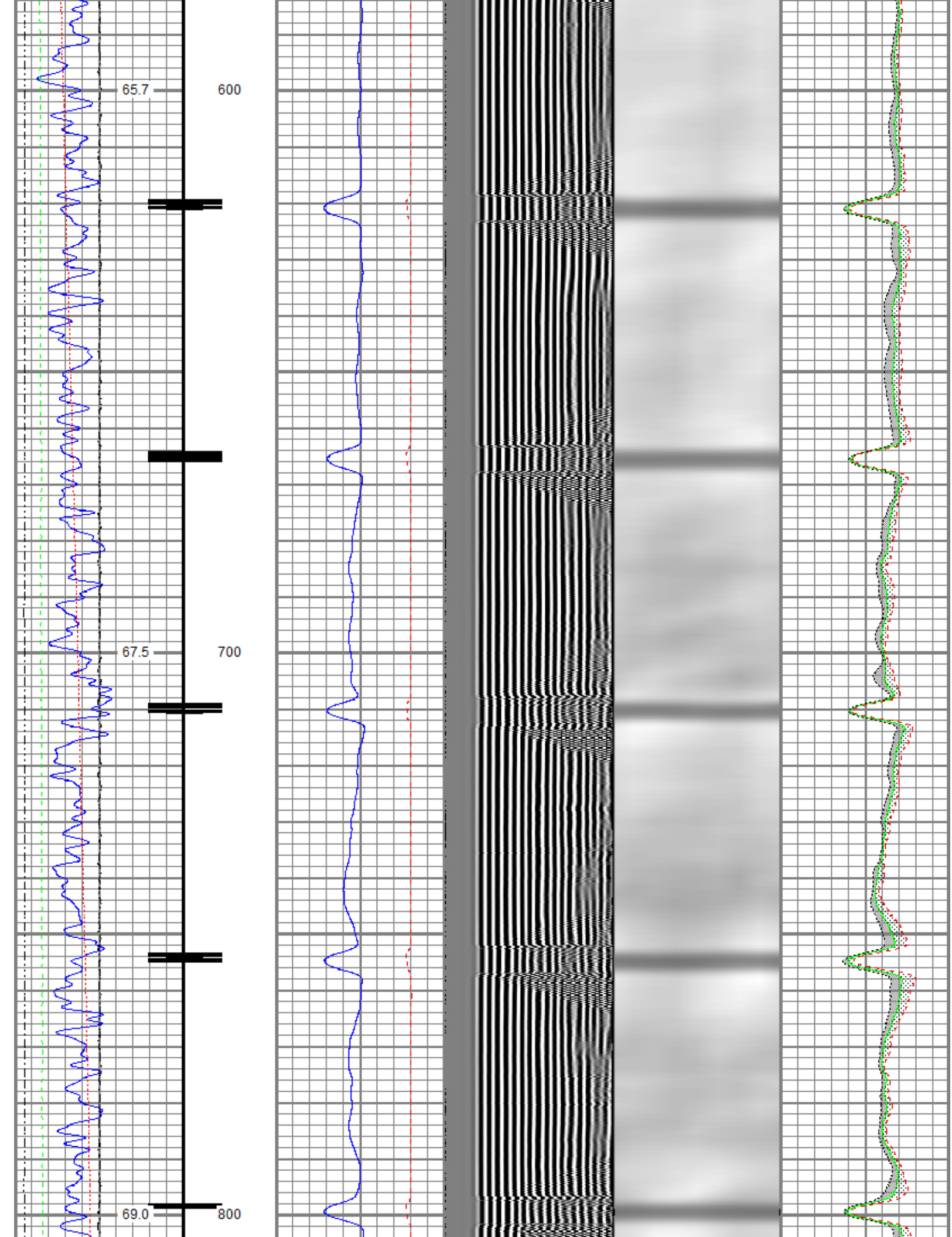
Database File	oxy\0512350636_oxy_windsock 21-11hz_rbl_03-17-20\processed_0512350636_oxy_windsock 21-11hz_rbl_03-17-20.db
Dataset Pathname	pass4.9
Presentation Format	ros_radri
Dataset Creation	Wed Mar 18 13:52:01 2020
Charted by	Depth in Feet scaled 1:240

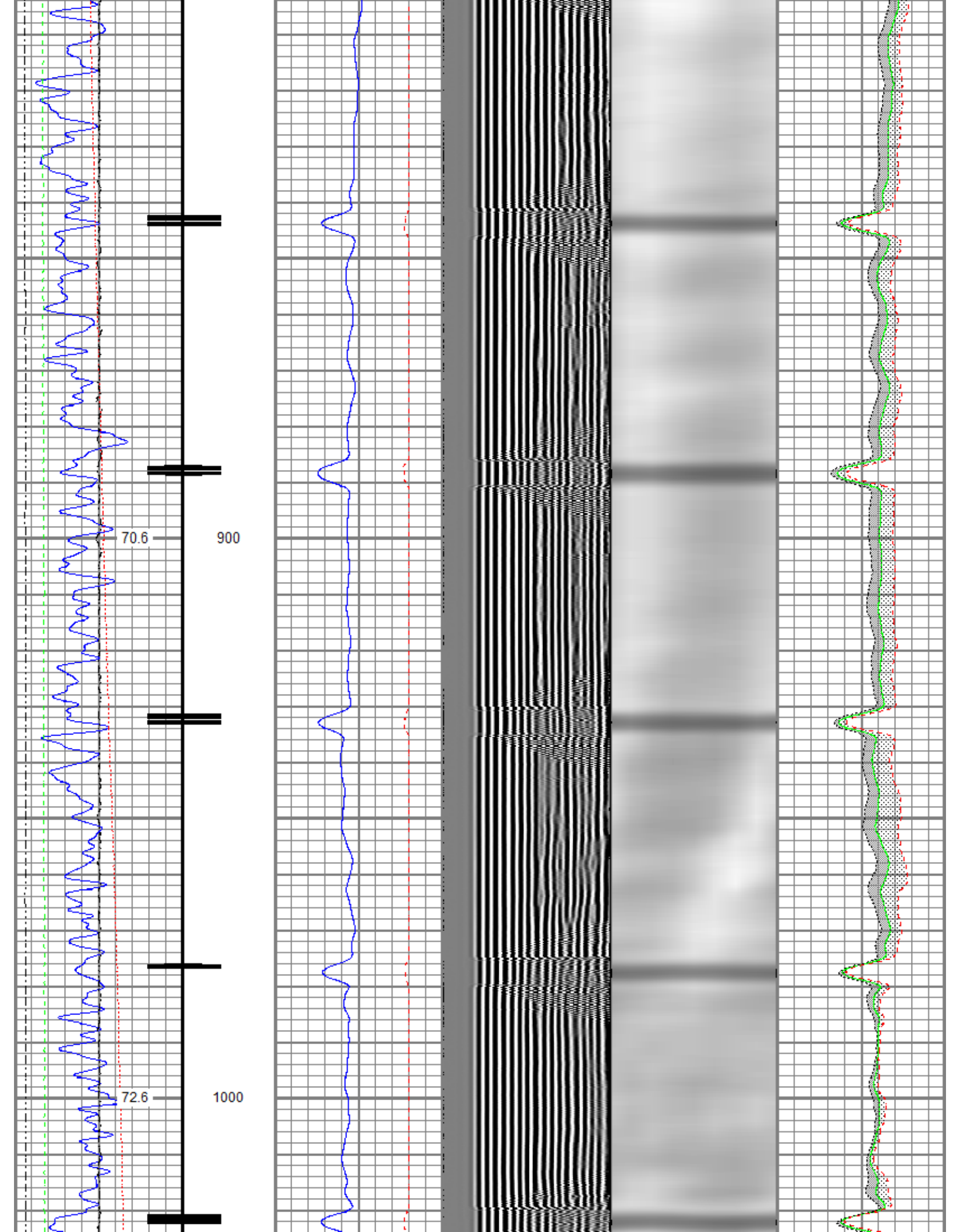
Gamma Ray	0	3' Amplitude (mV)	100	5' Variable Density Log	Sector Map	0	Average Amplitude	100
(GAPI)	120	3' Amplitude x 5	200	(u sec)	1200		Minimum Amplitude	
Casing Collar Locator		0	(mV)	20		0		100
0 Temperature (degF)	20	3' Travel Time					Maximum Amplitude	
Line Speed		650	(u sec)	150		0		100
-150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

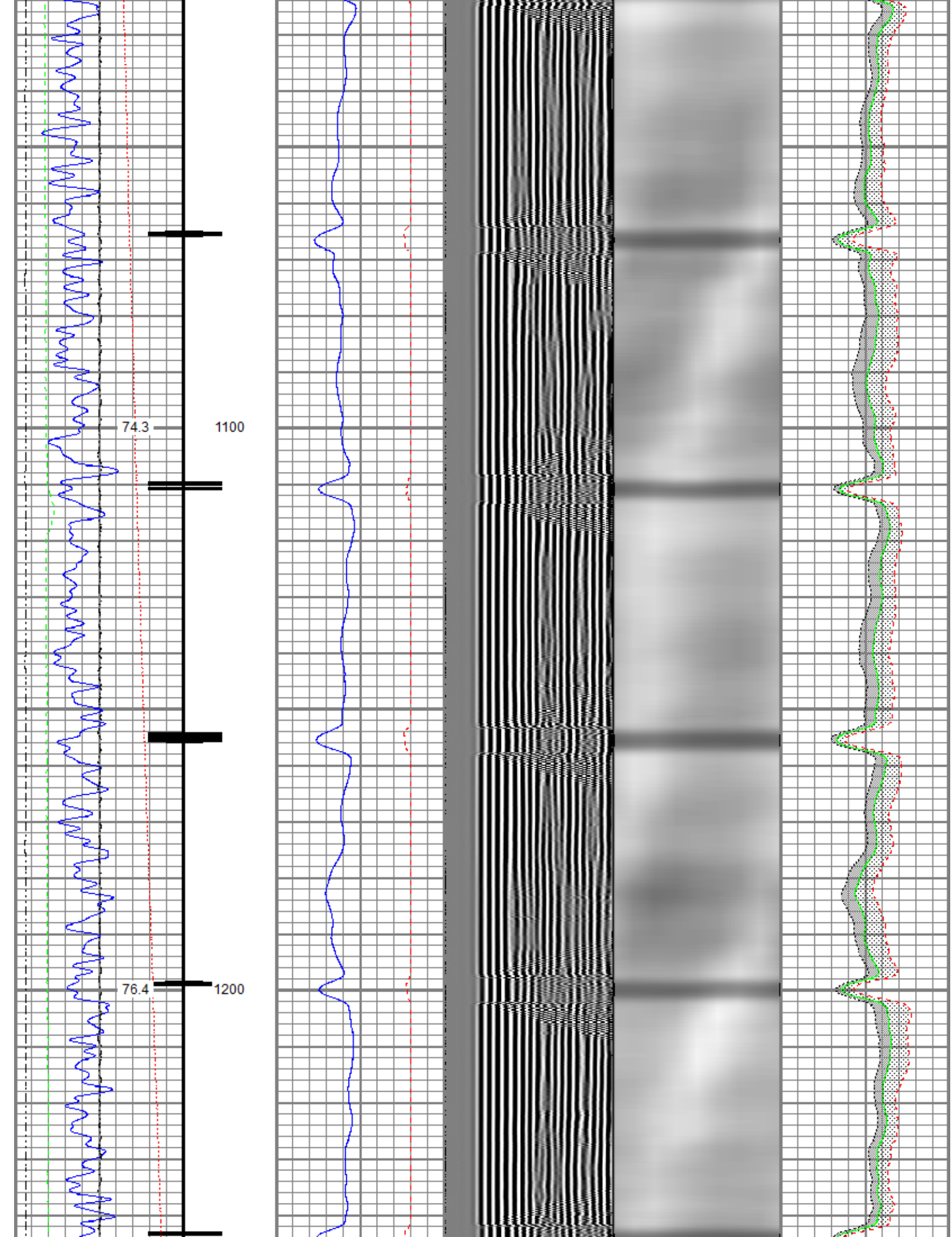


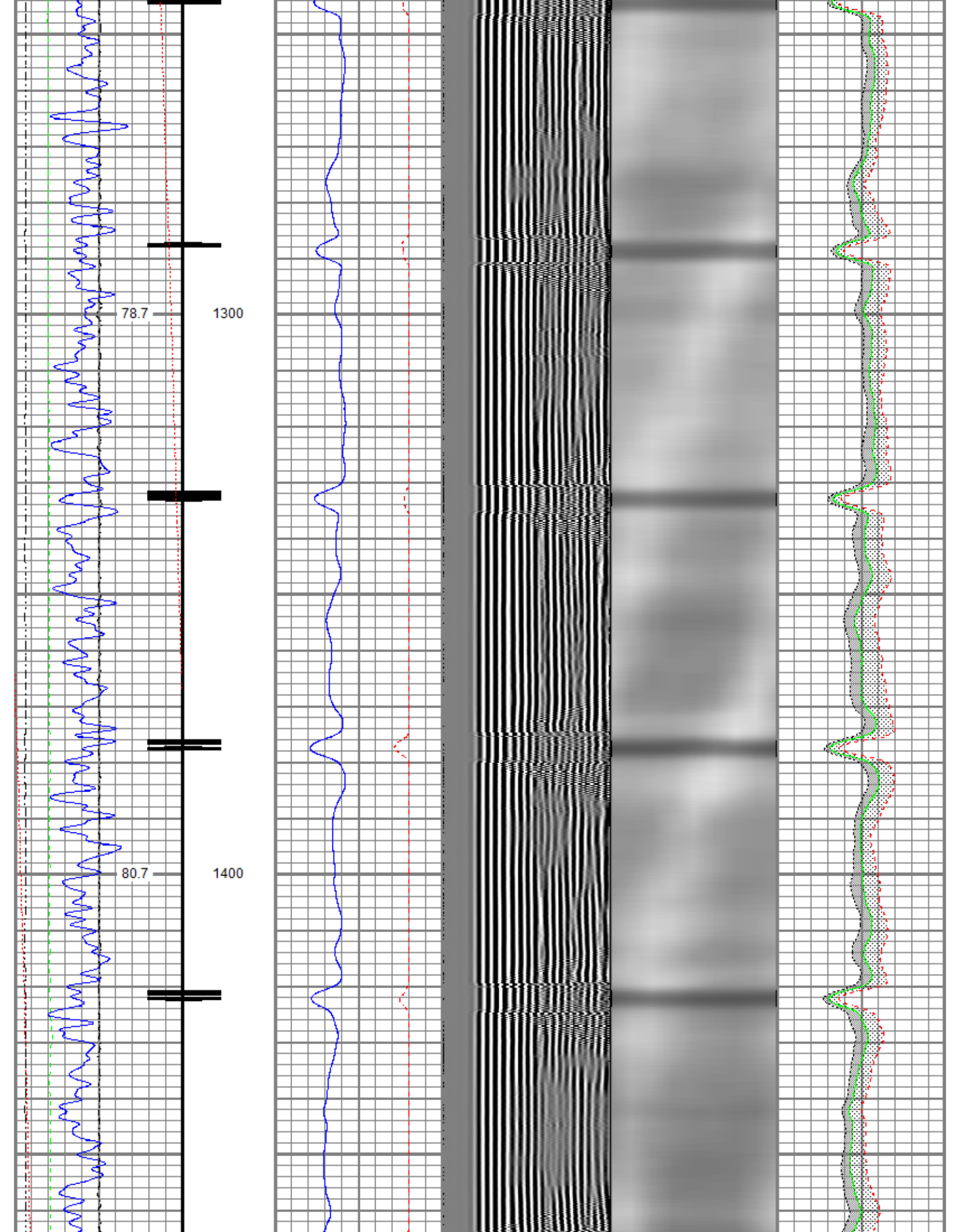


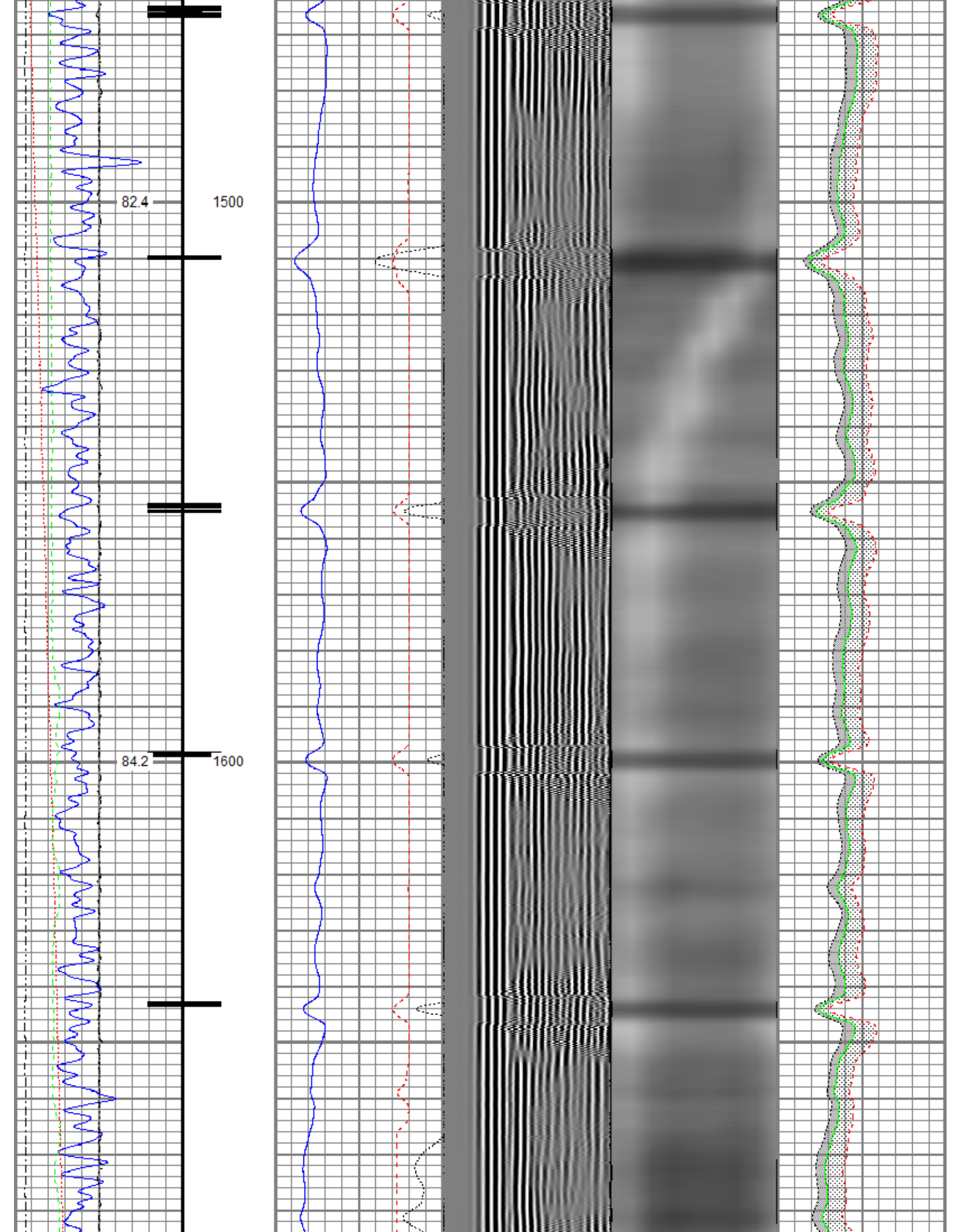


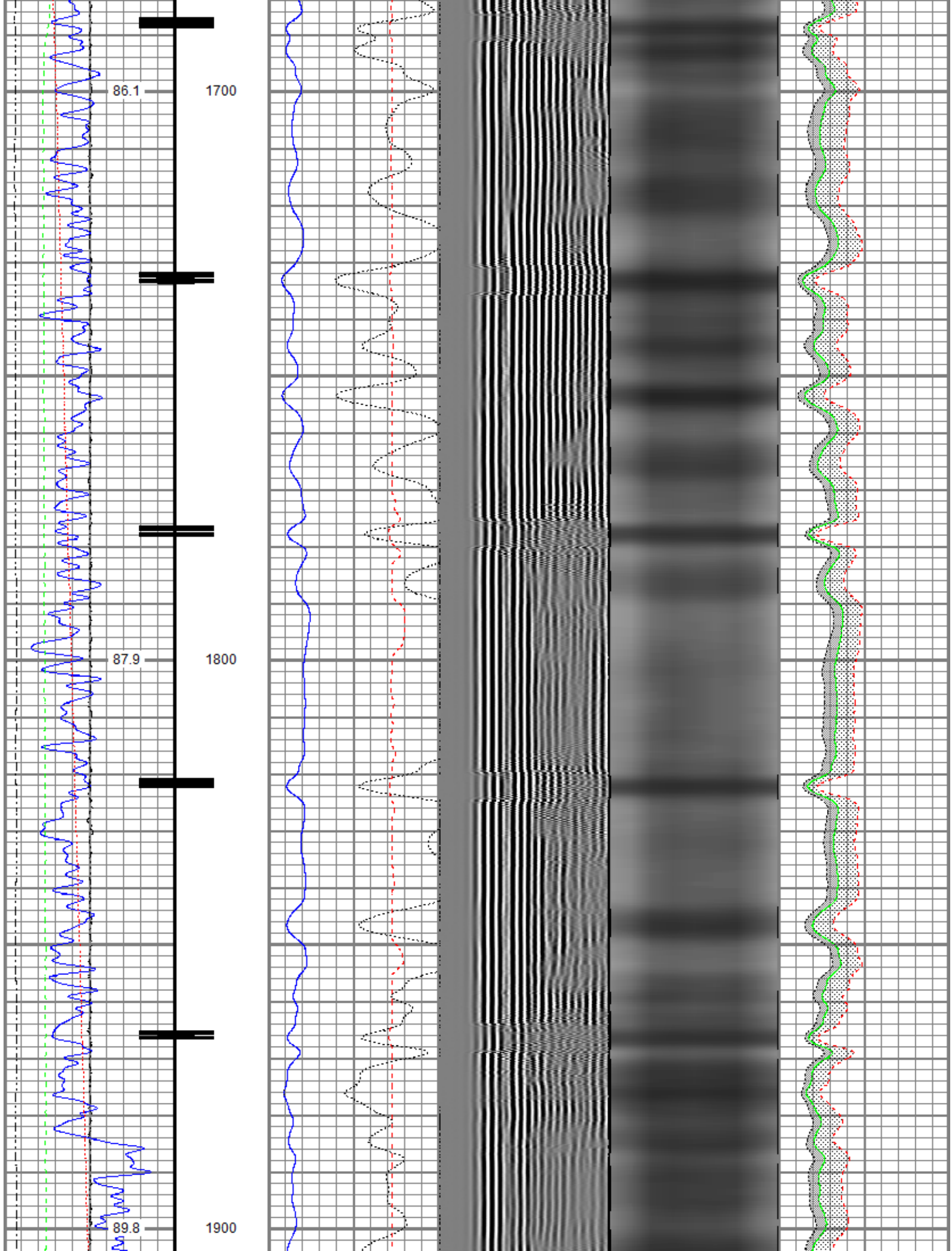


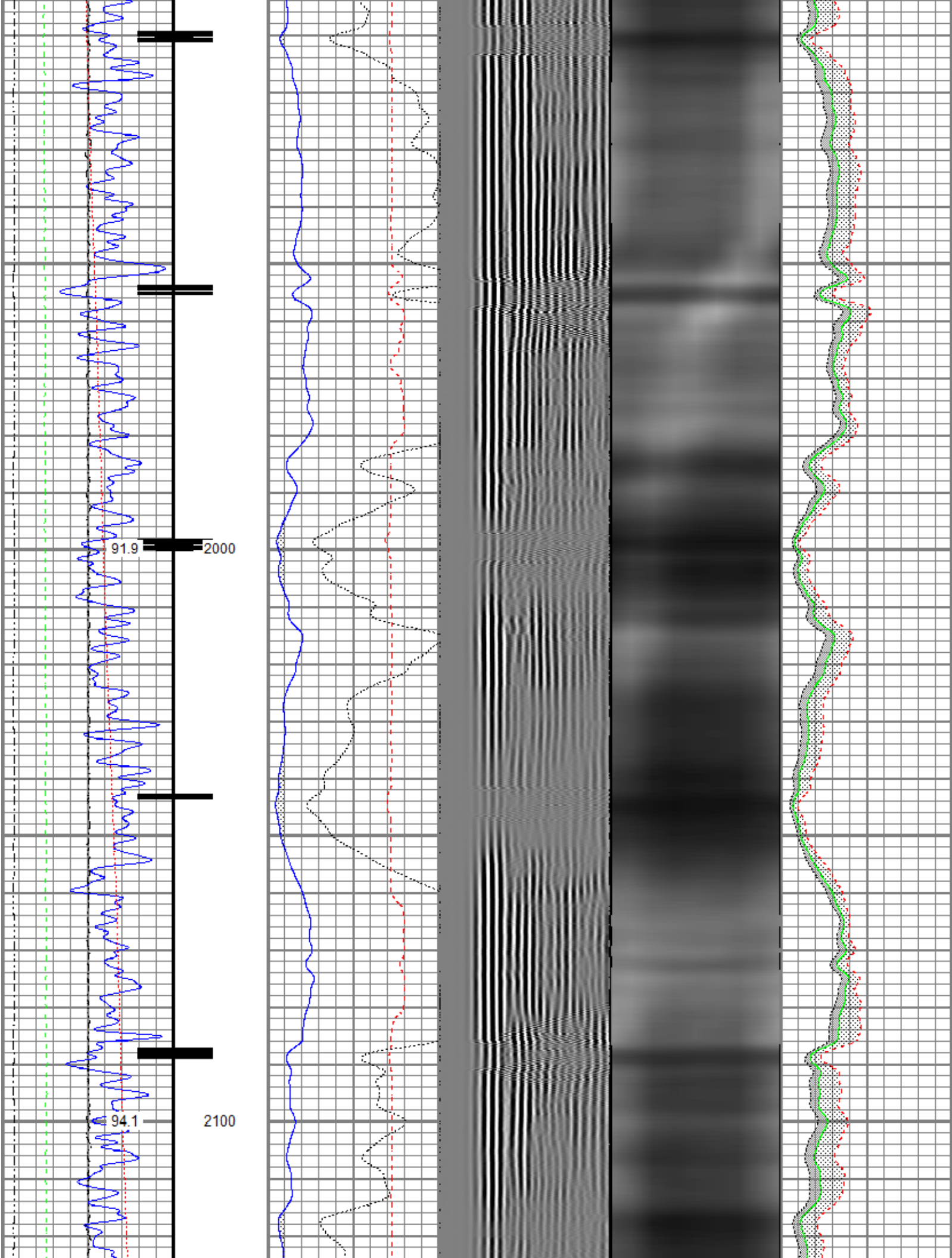


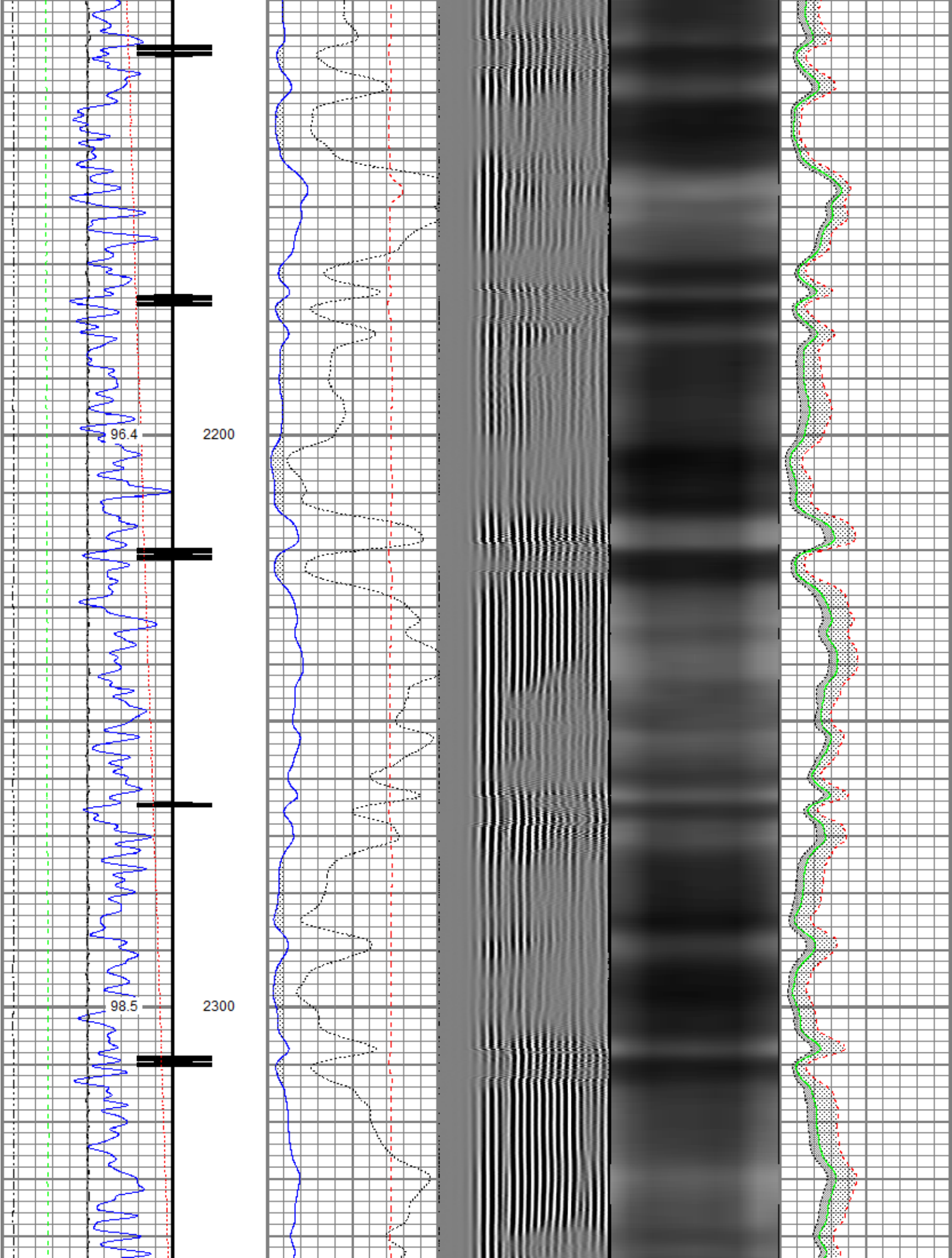


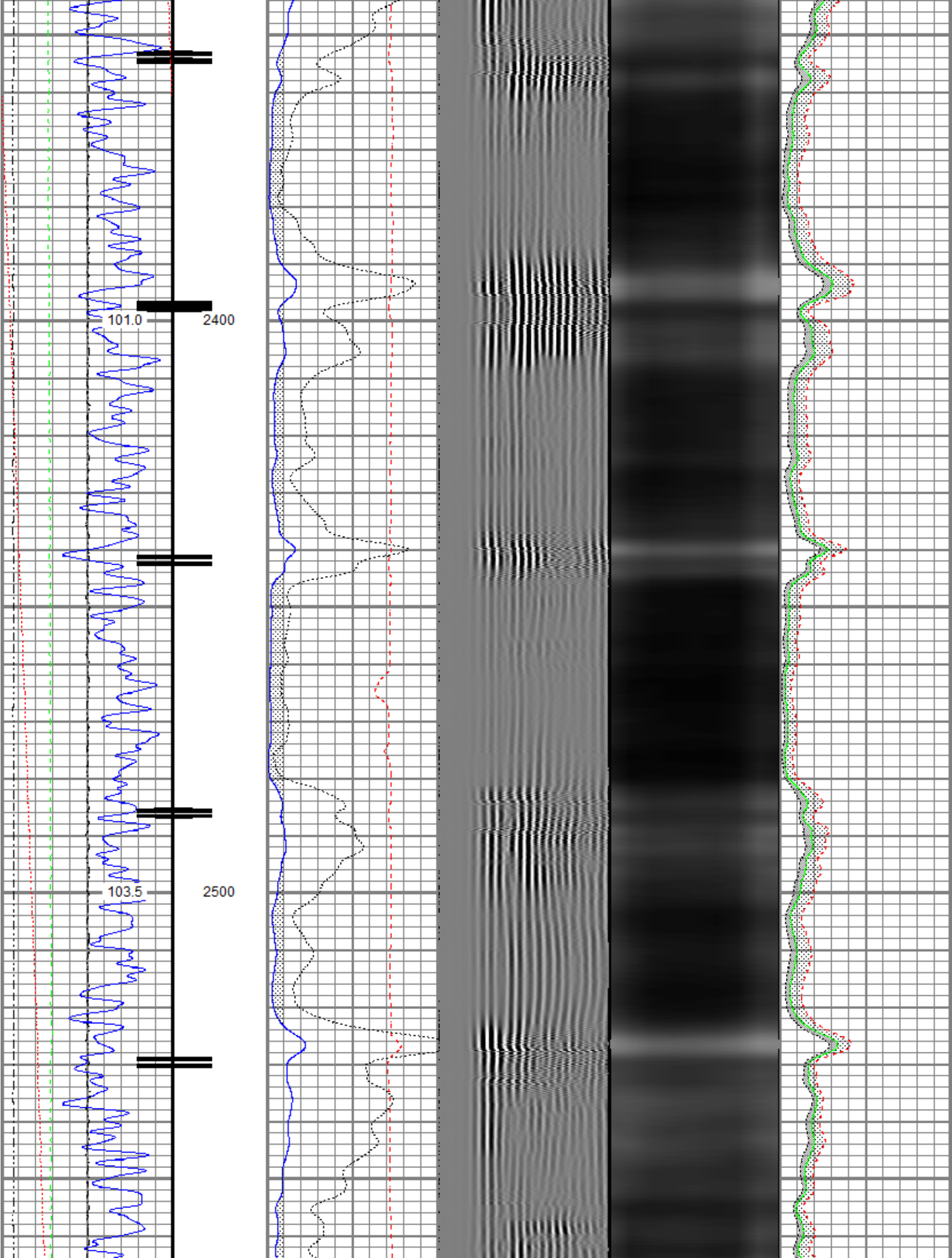


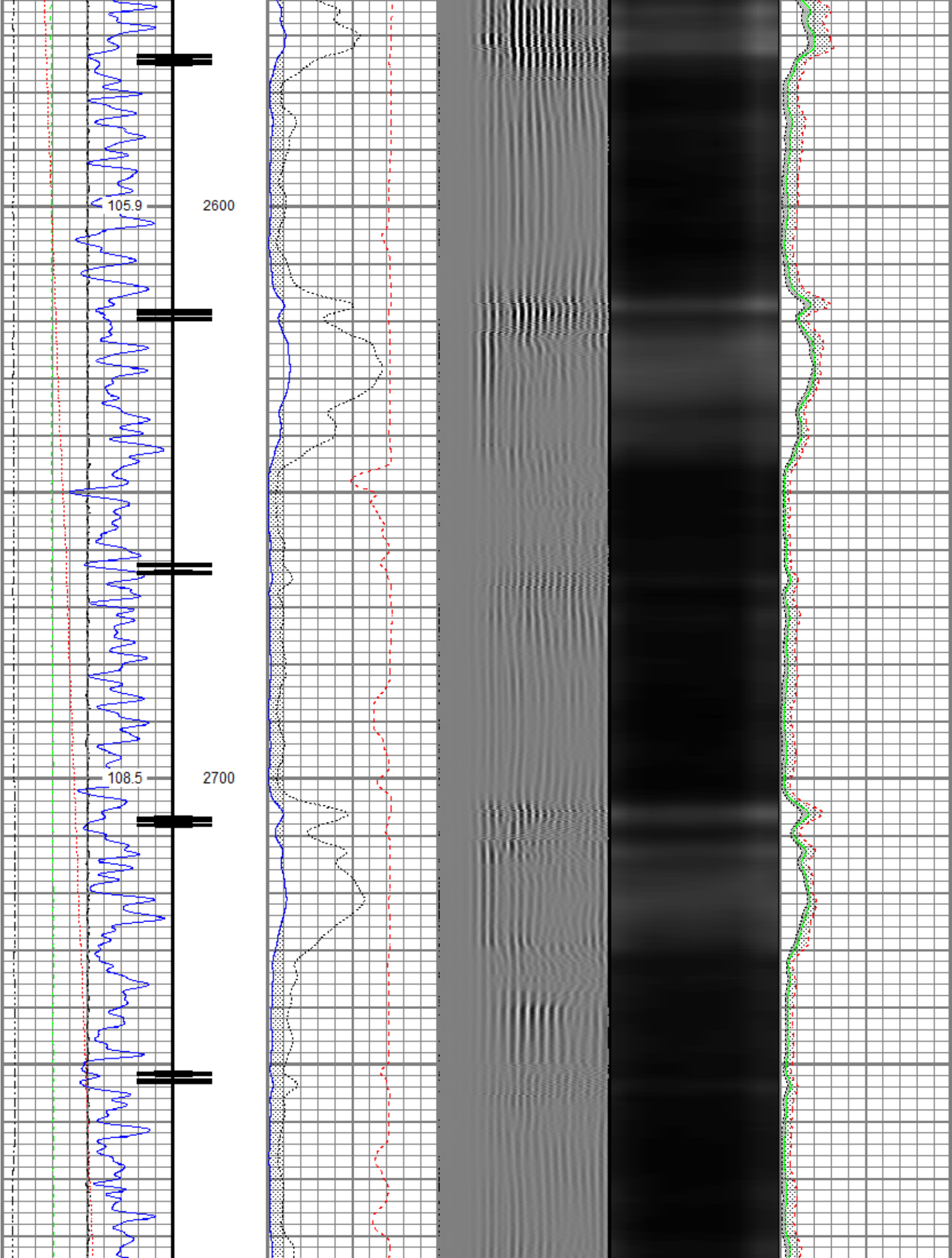


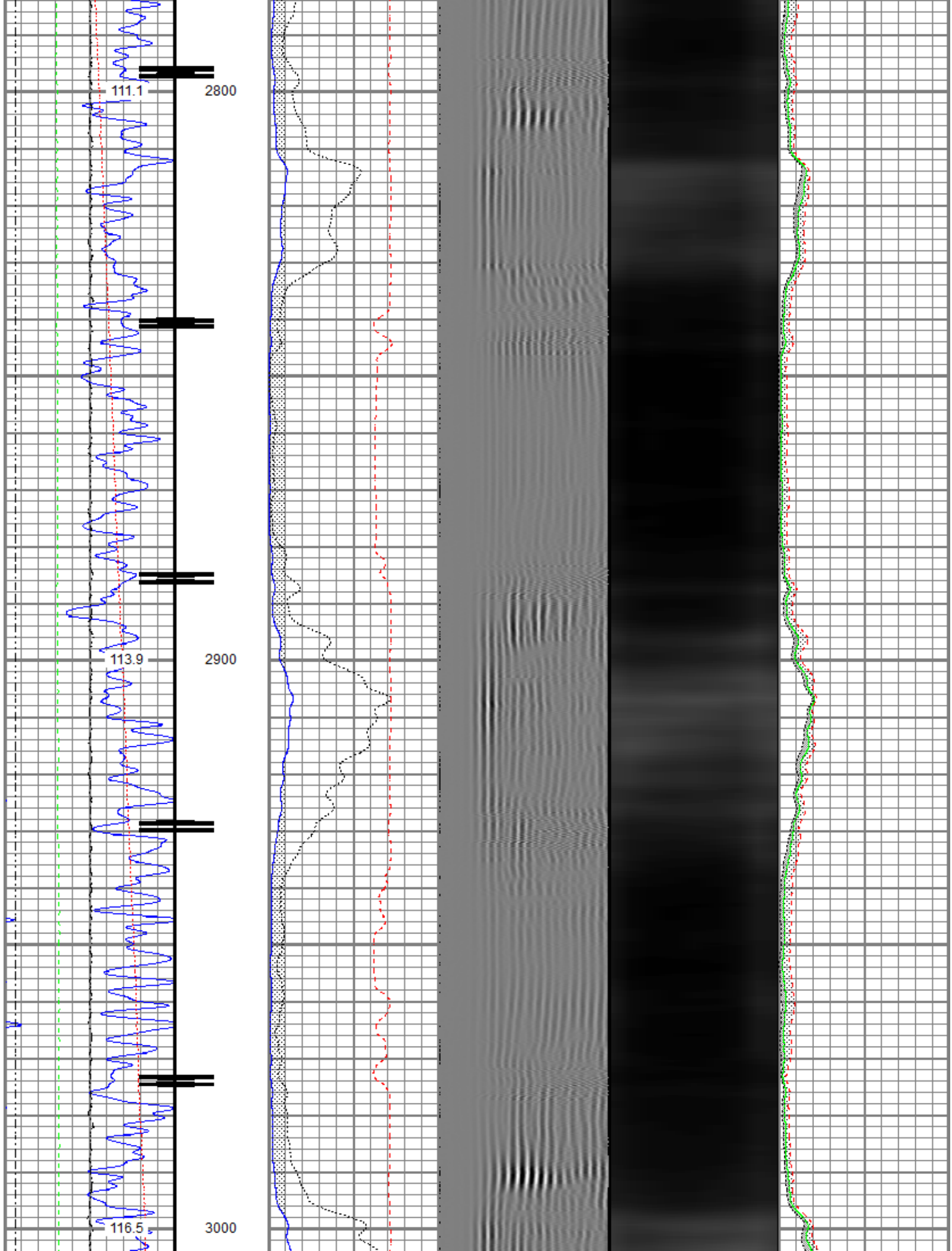


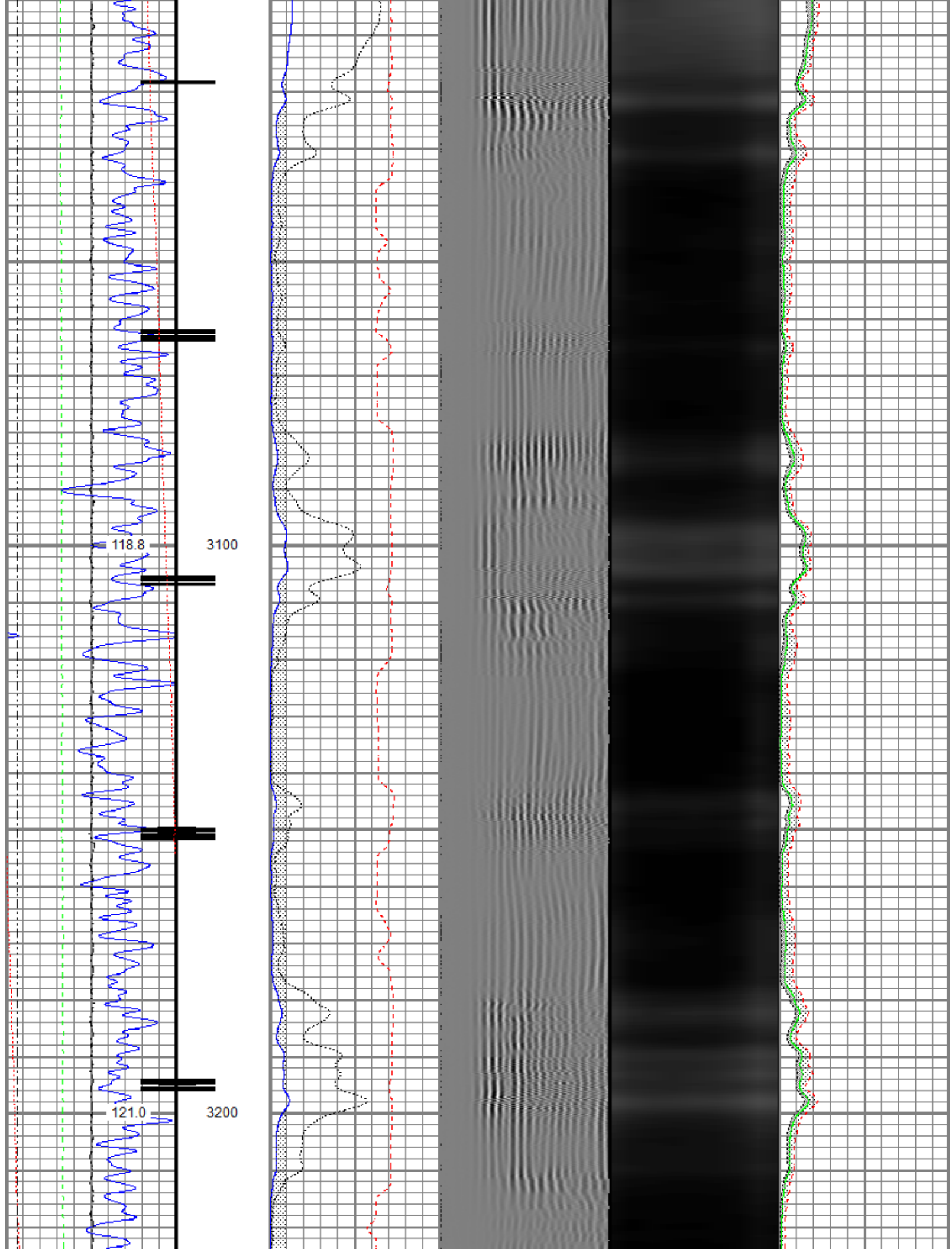


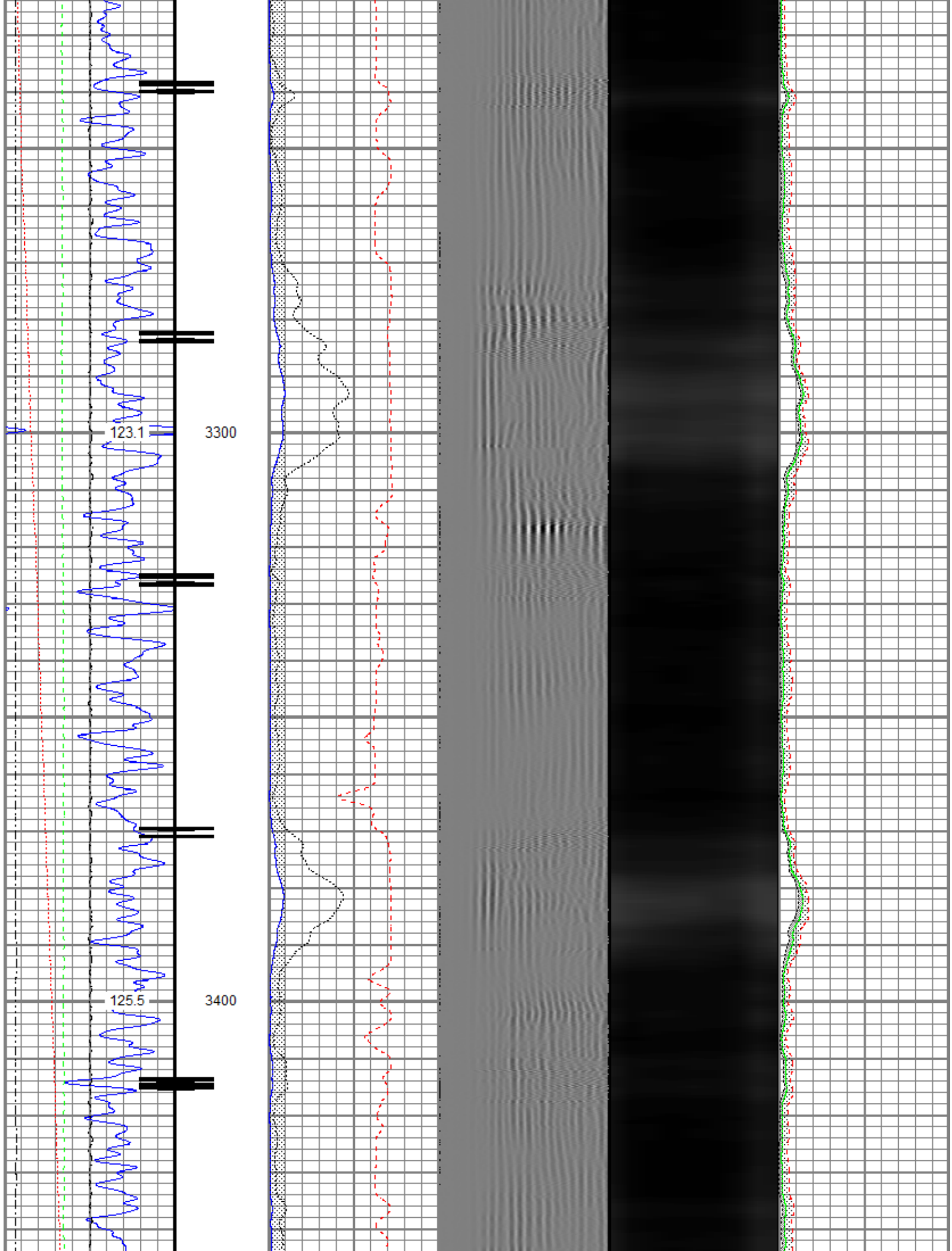


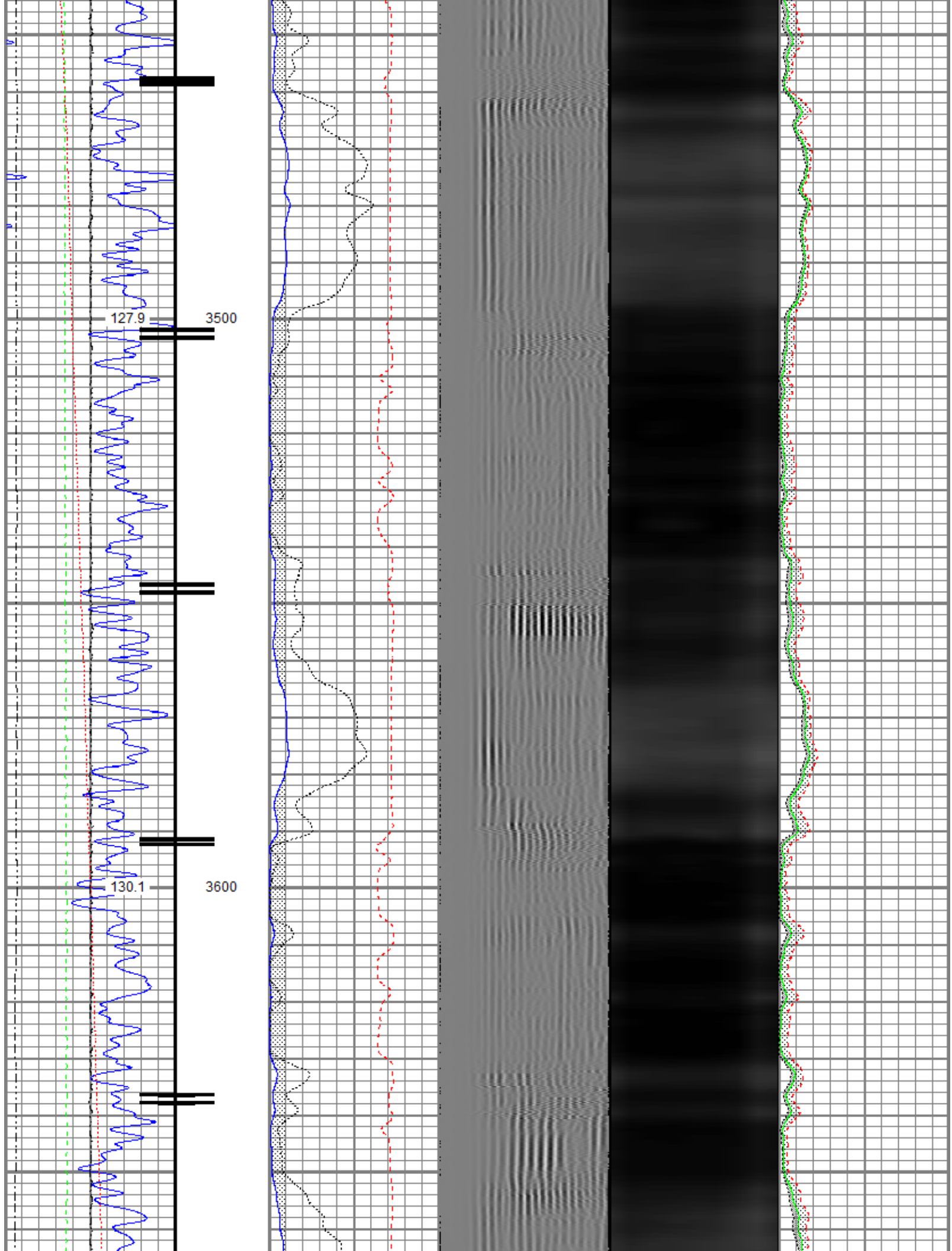


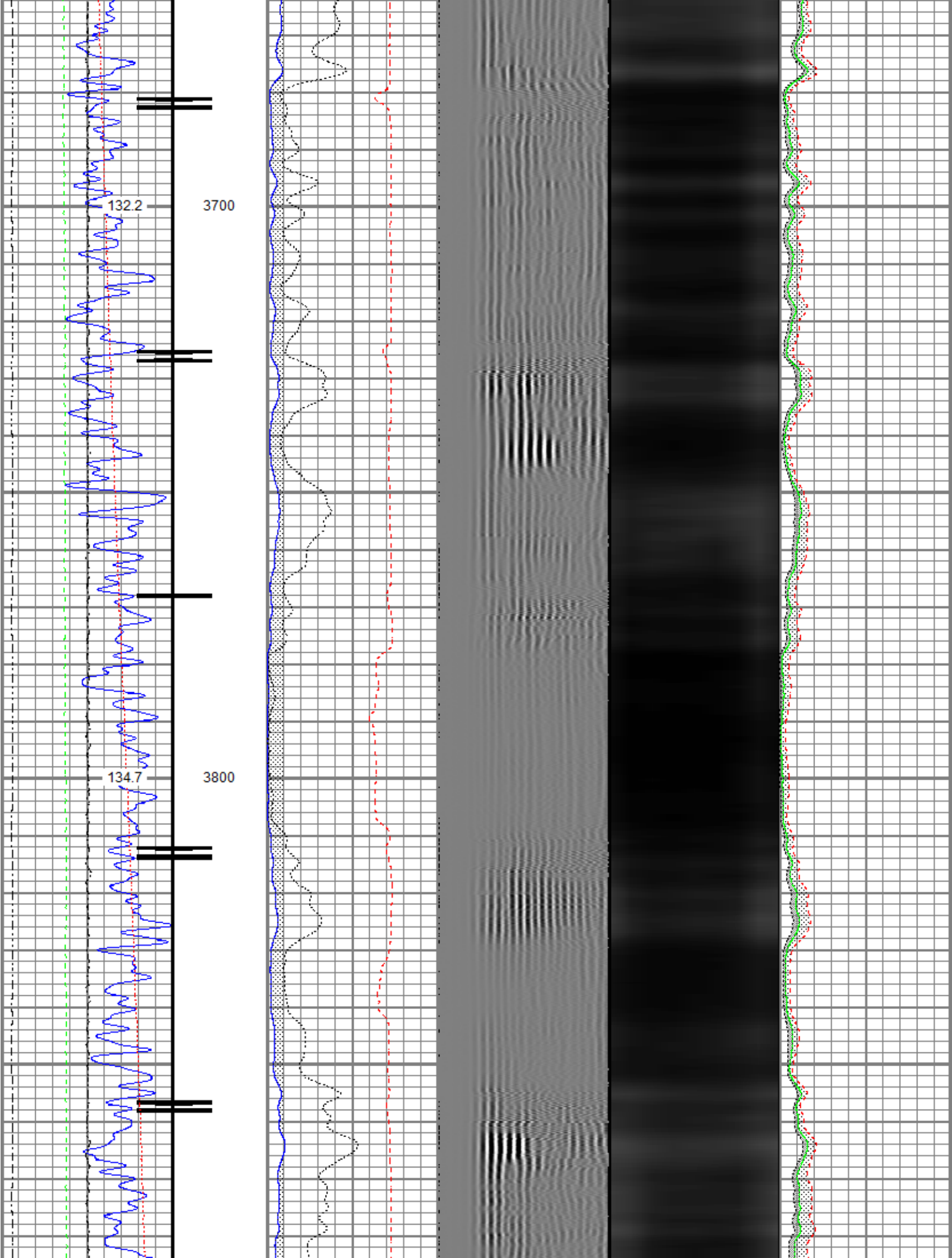


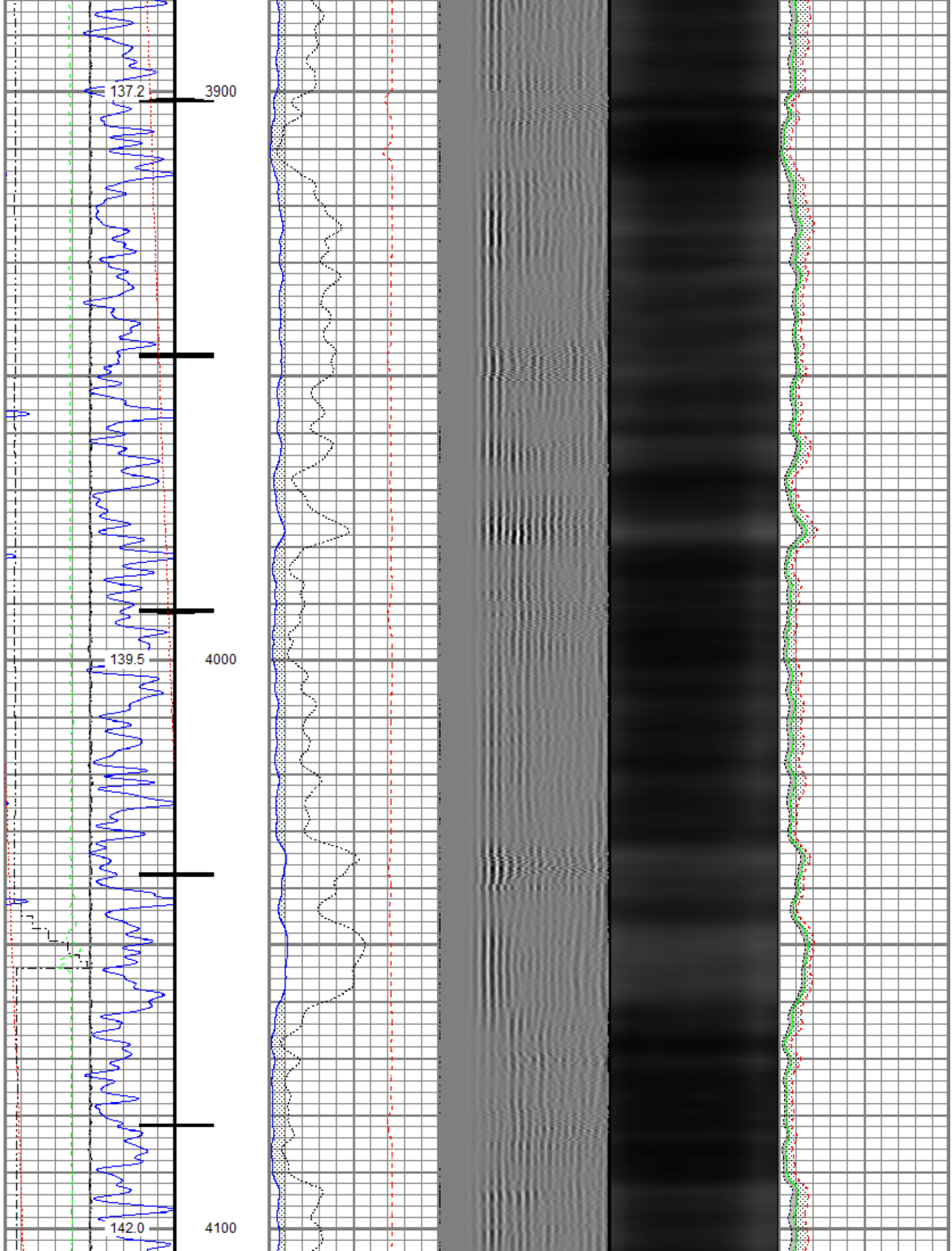


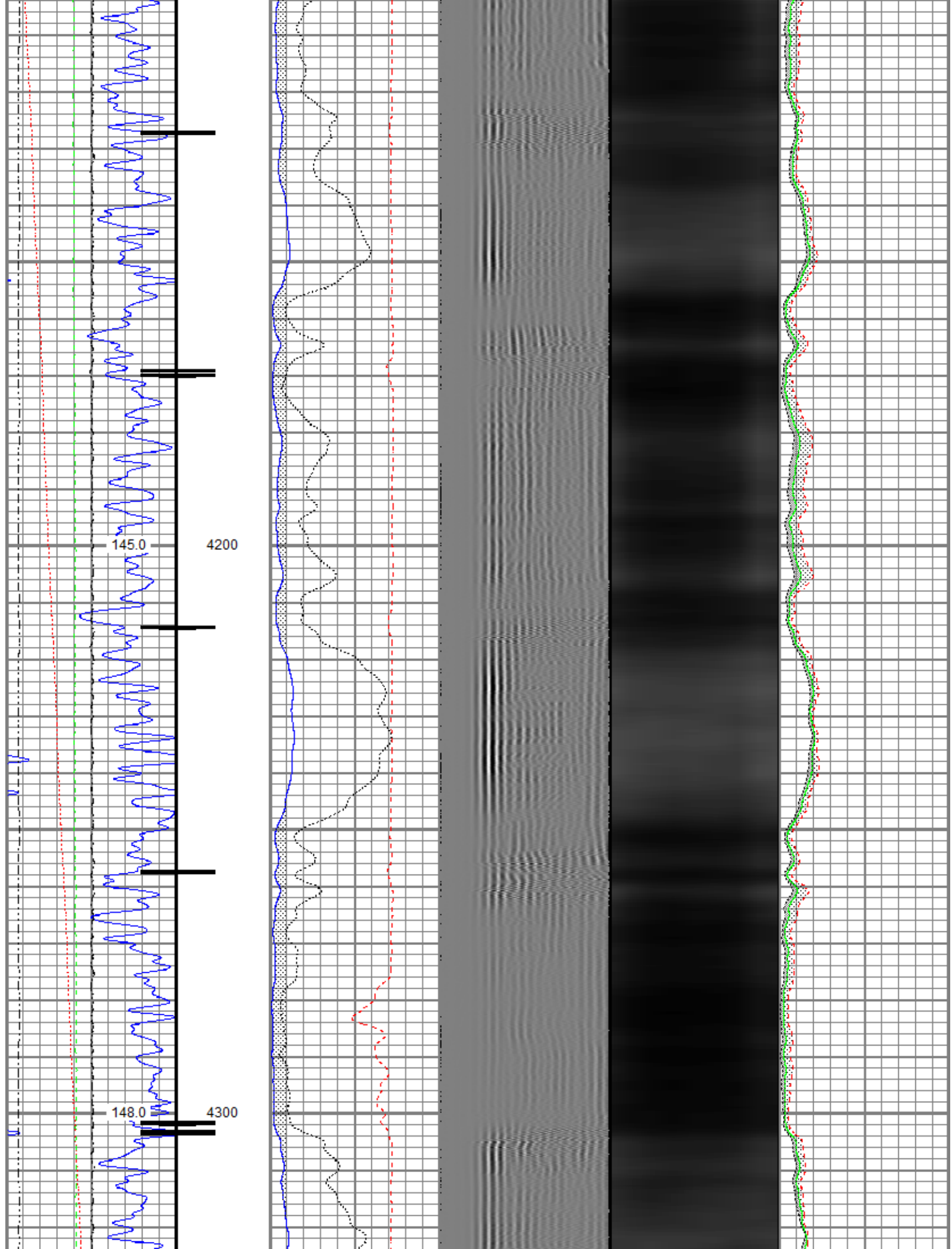


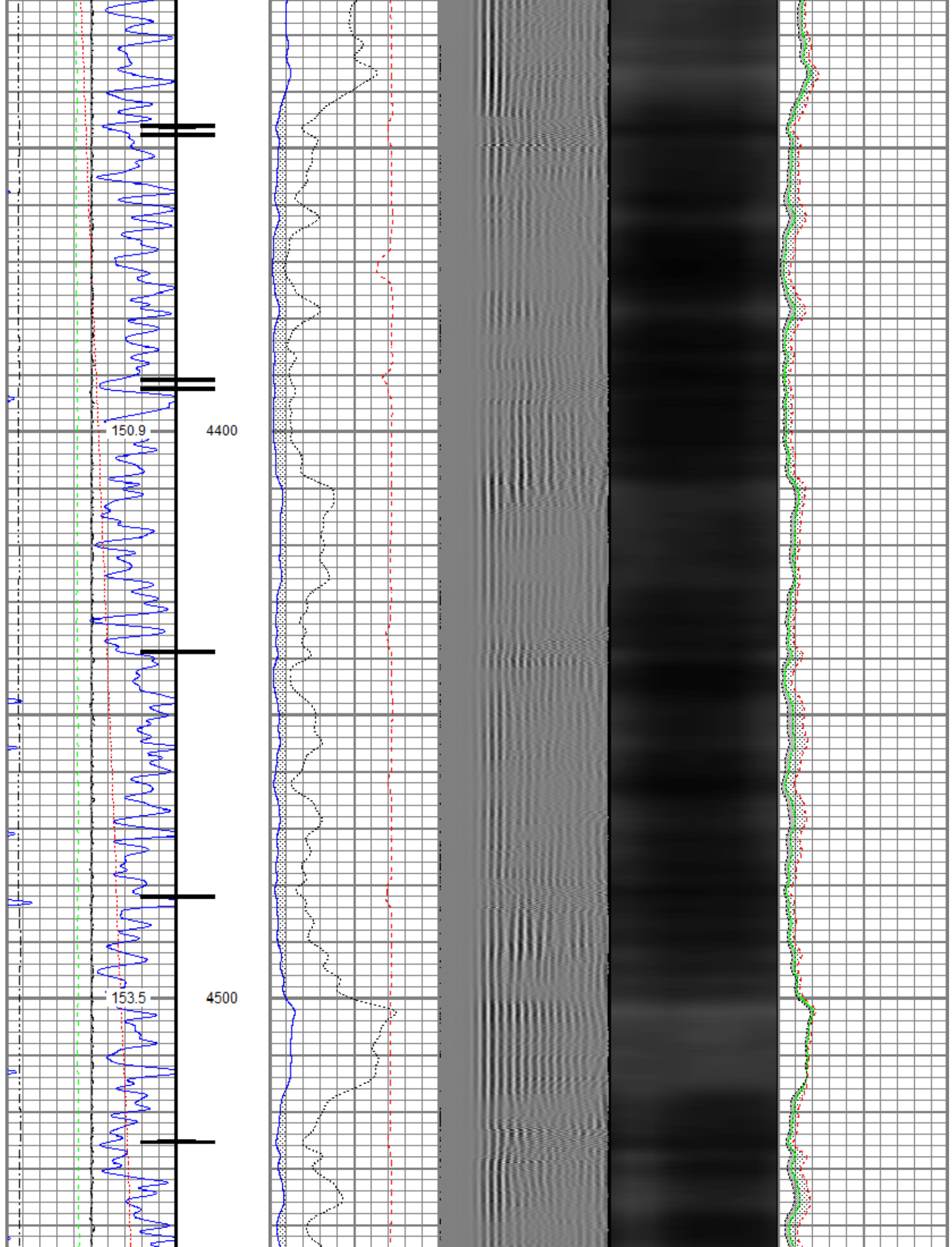


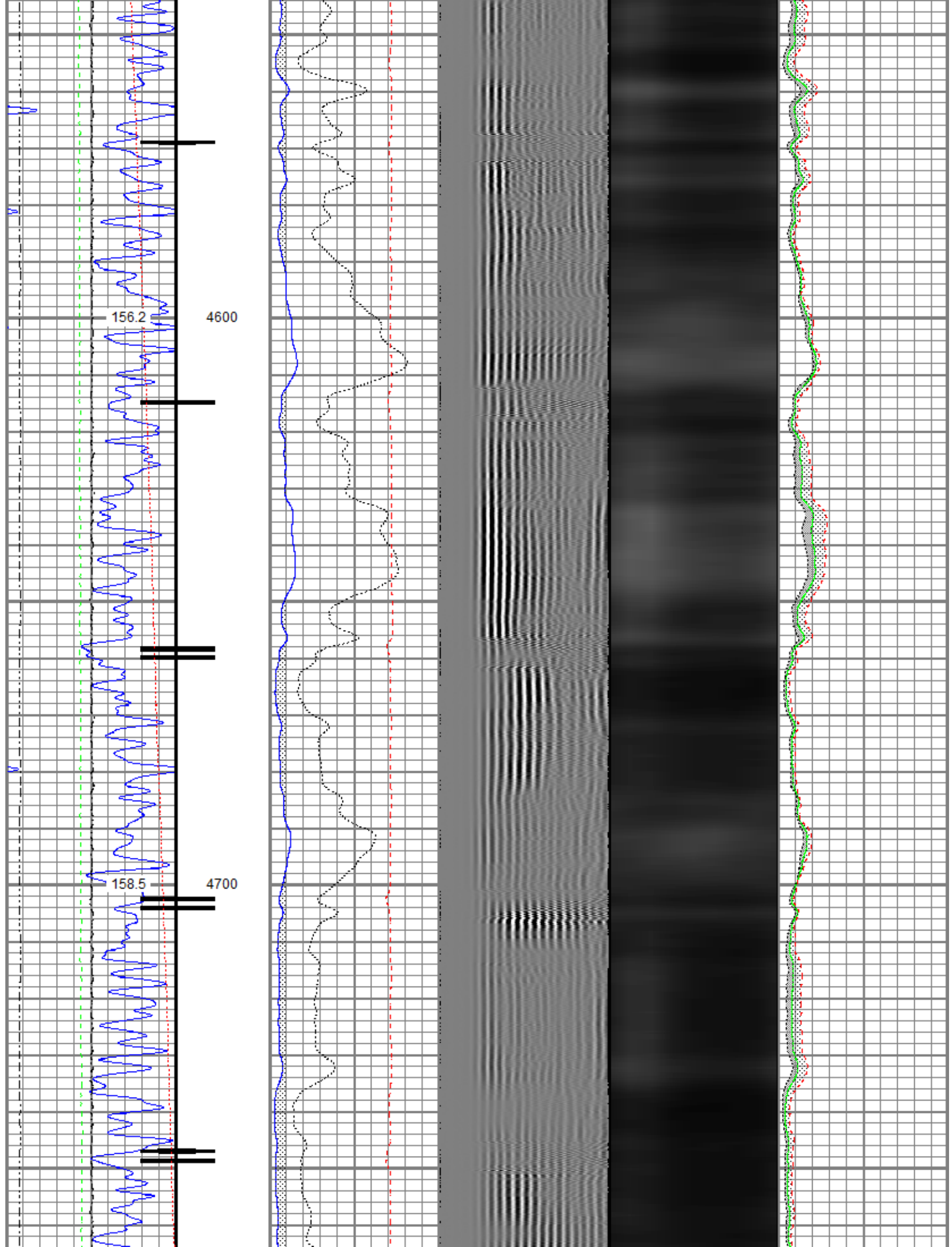


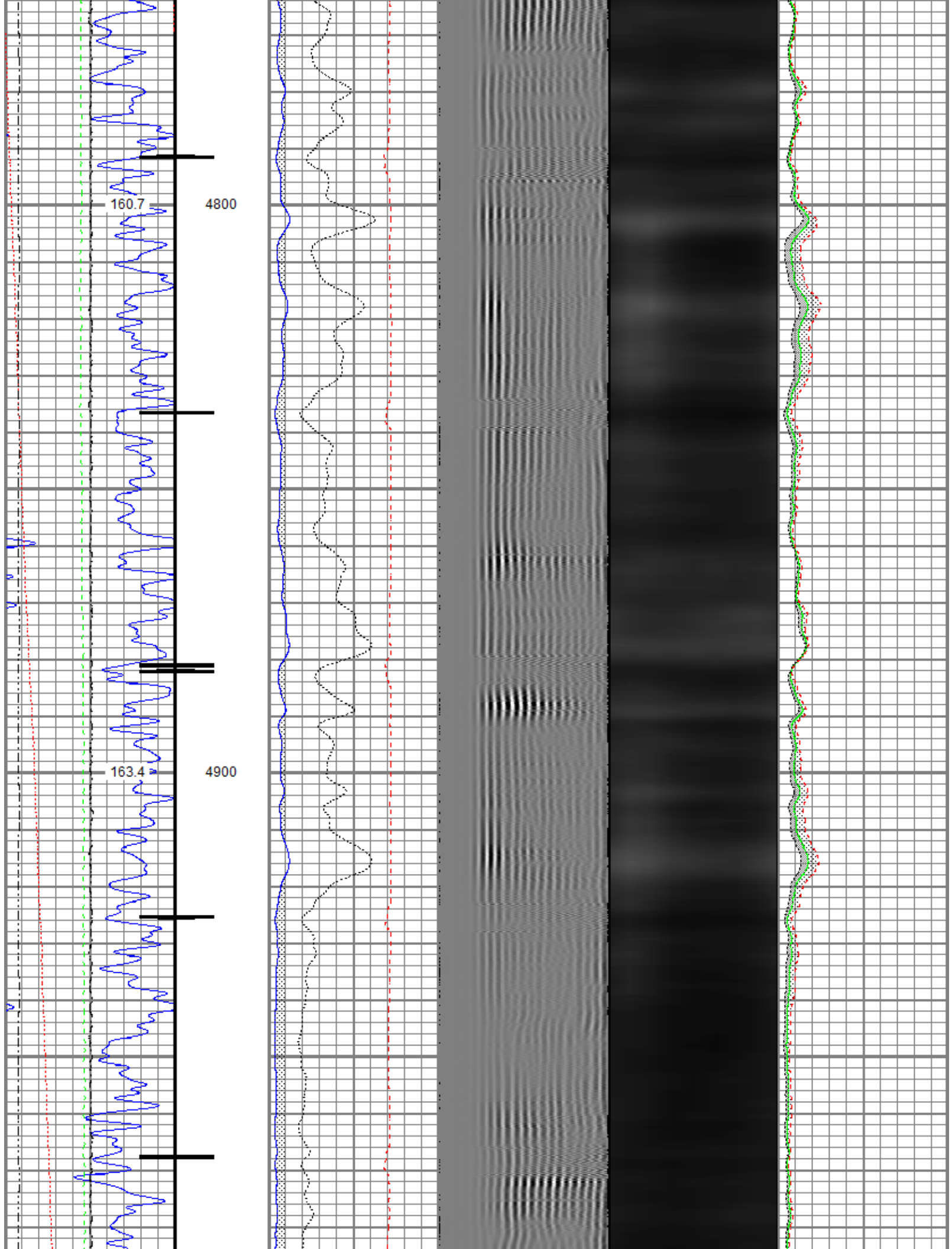


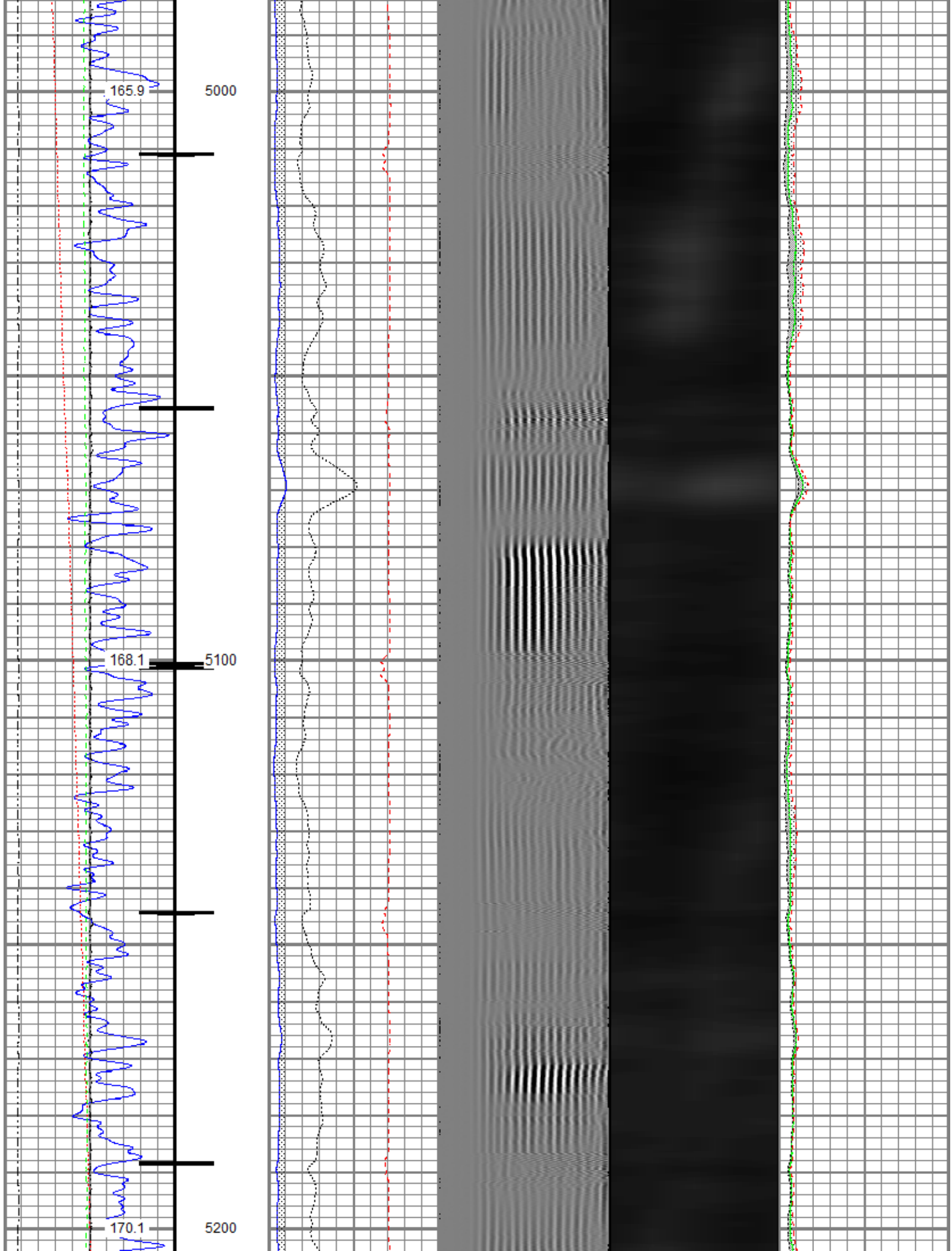


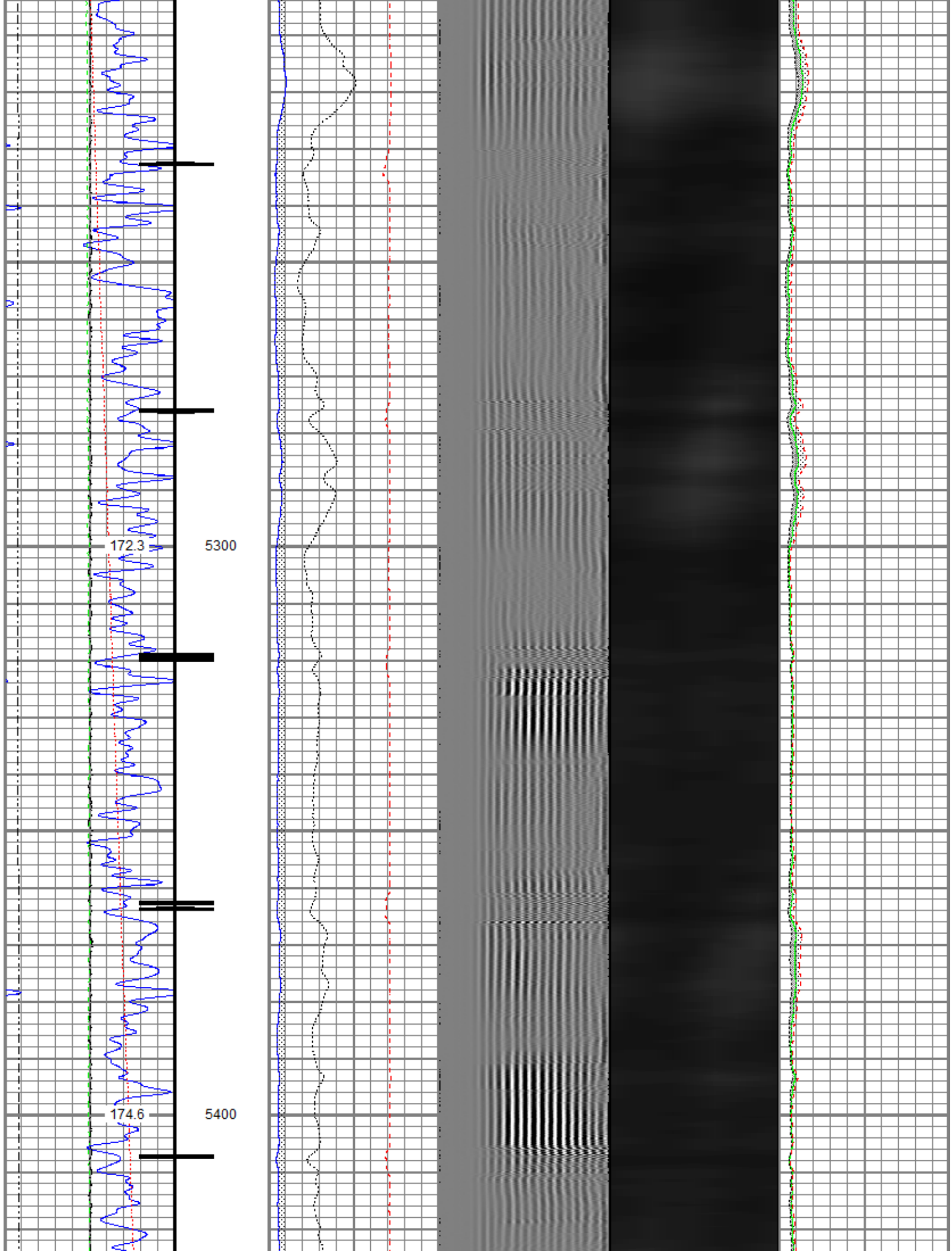


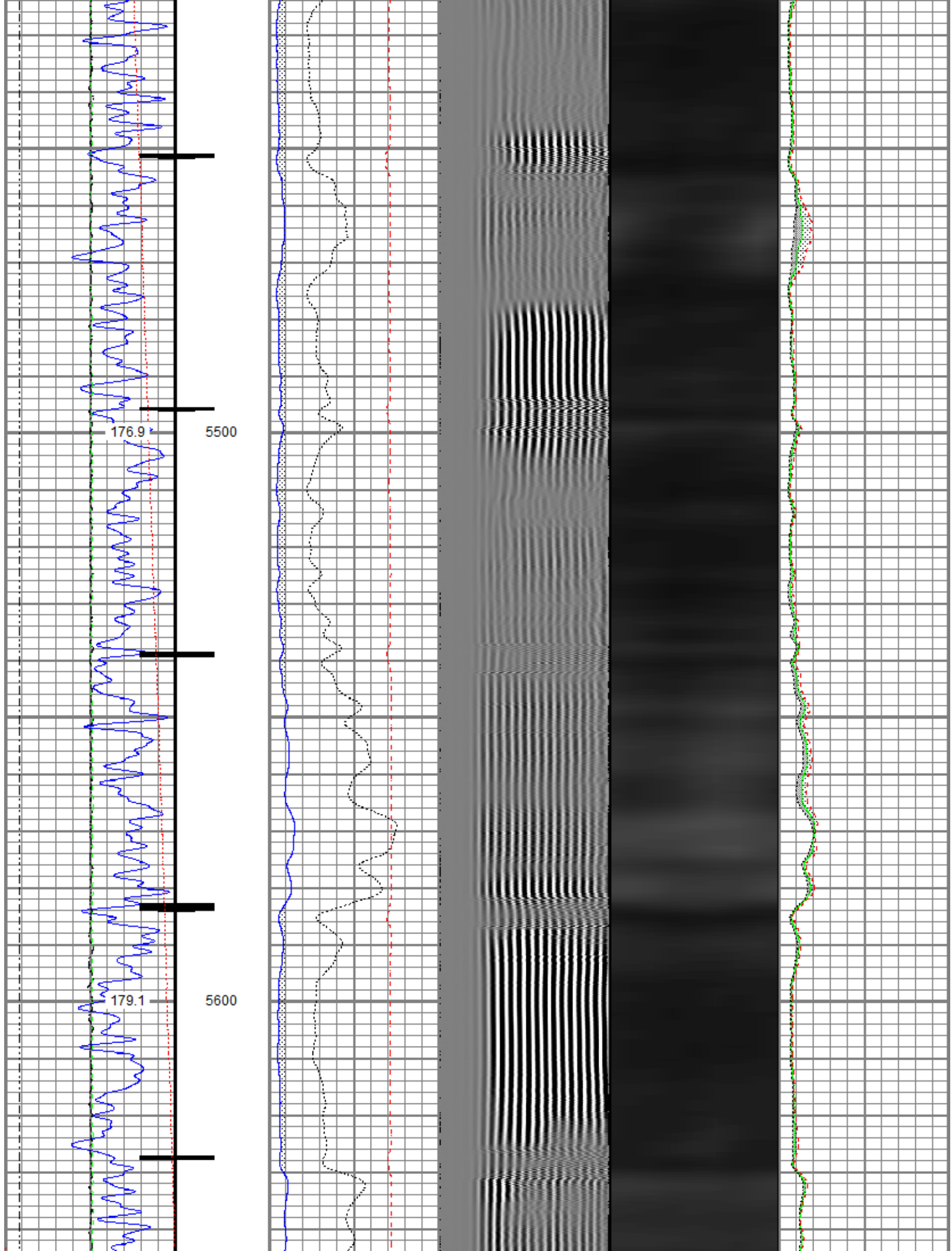


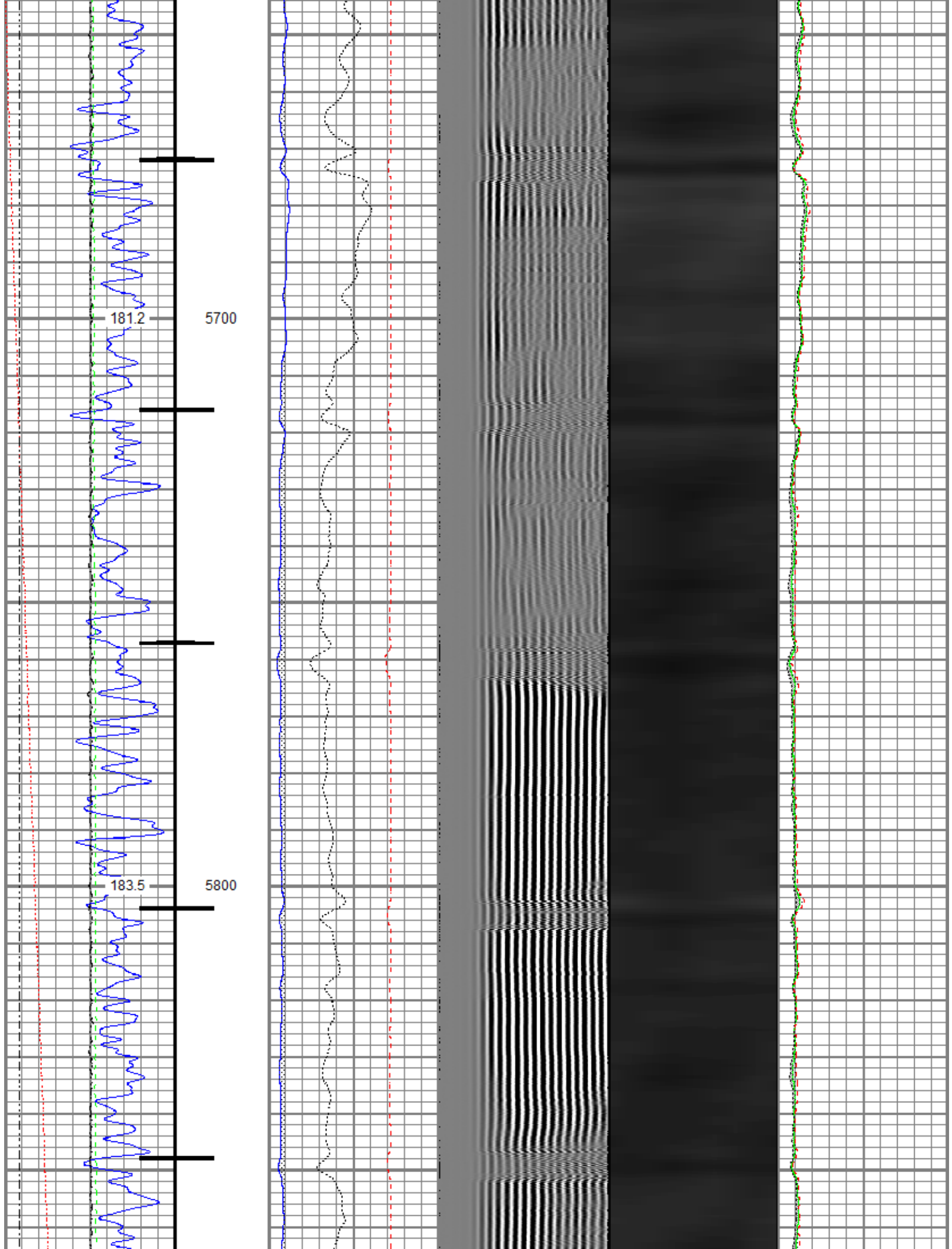


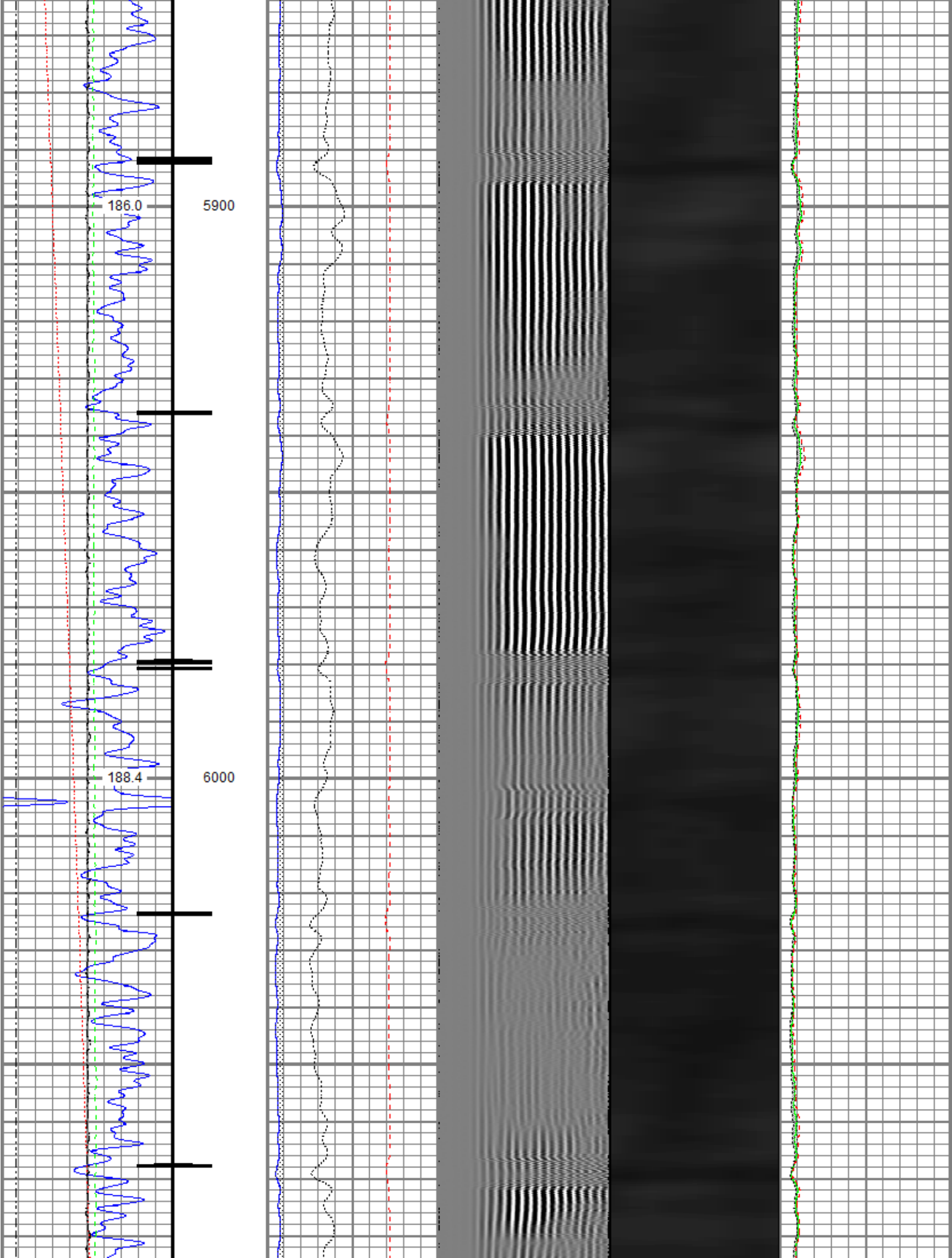


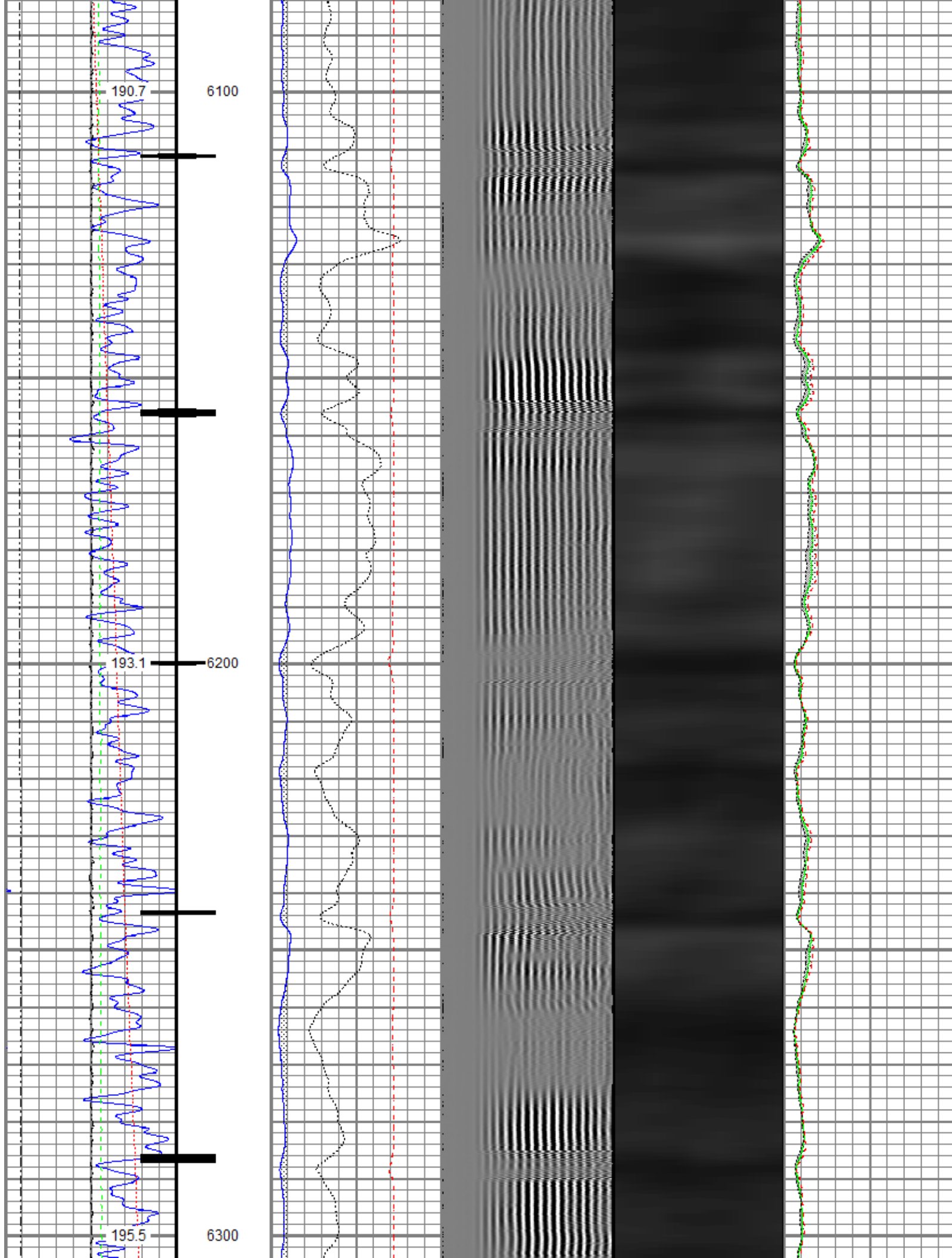


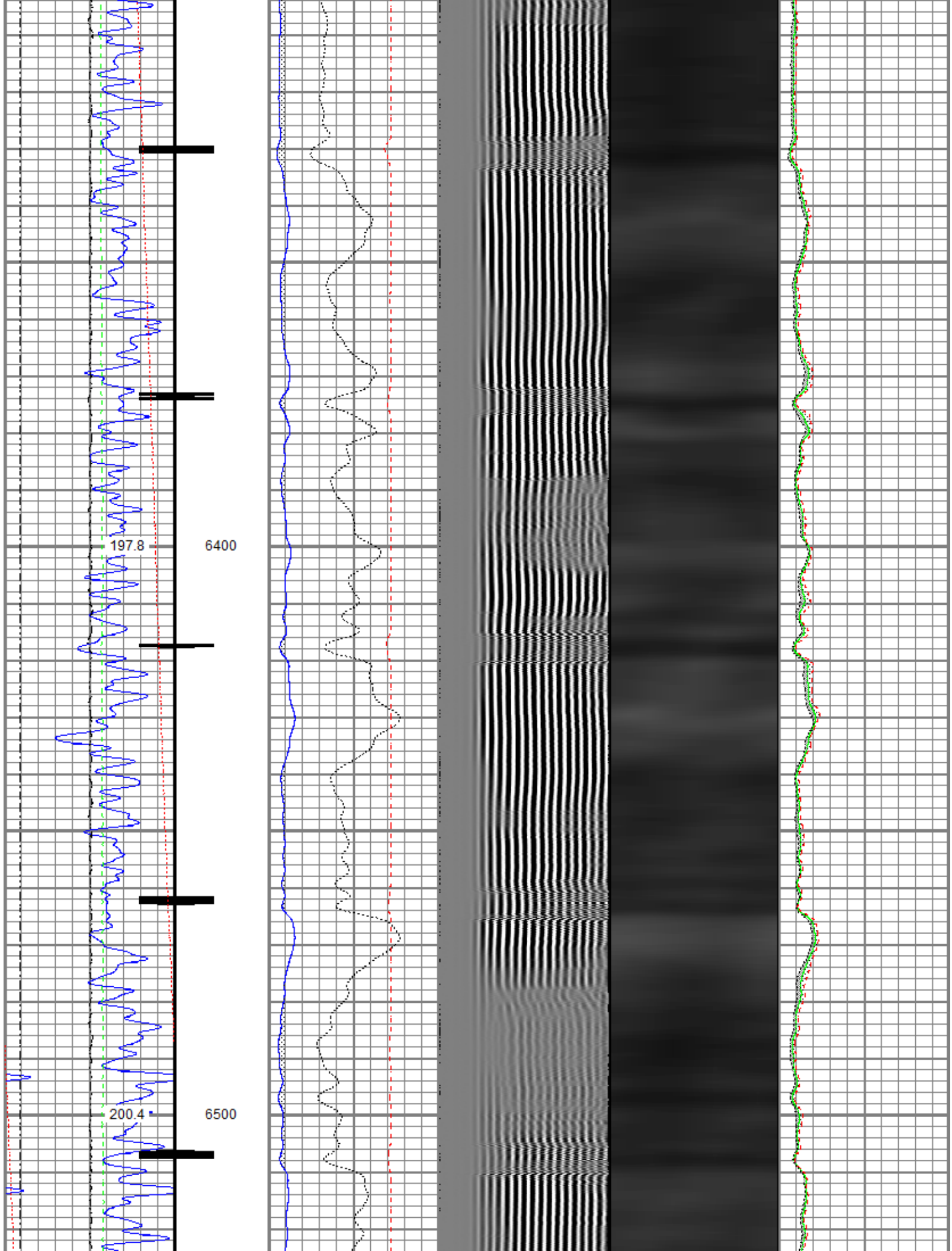


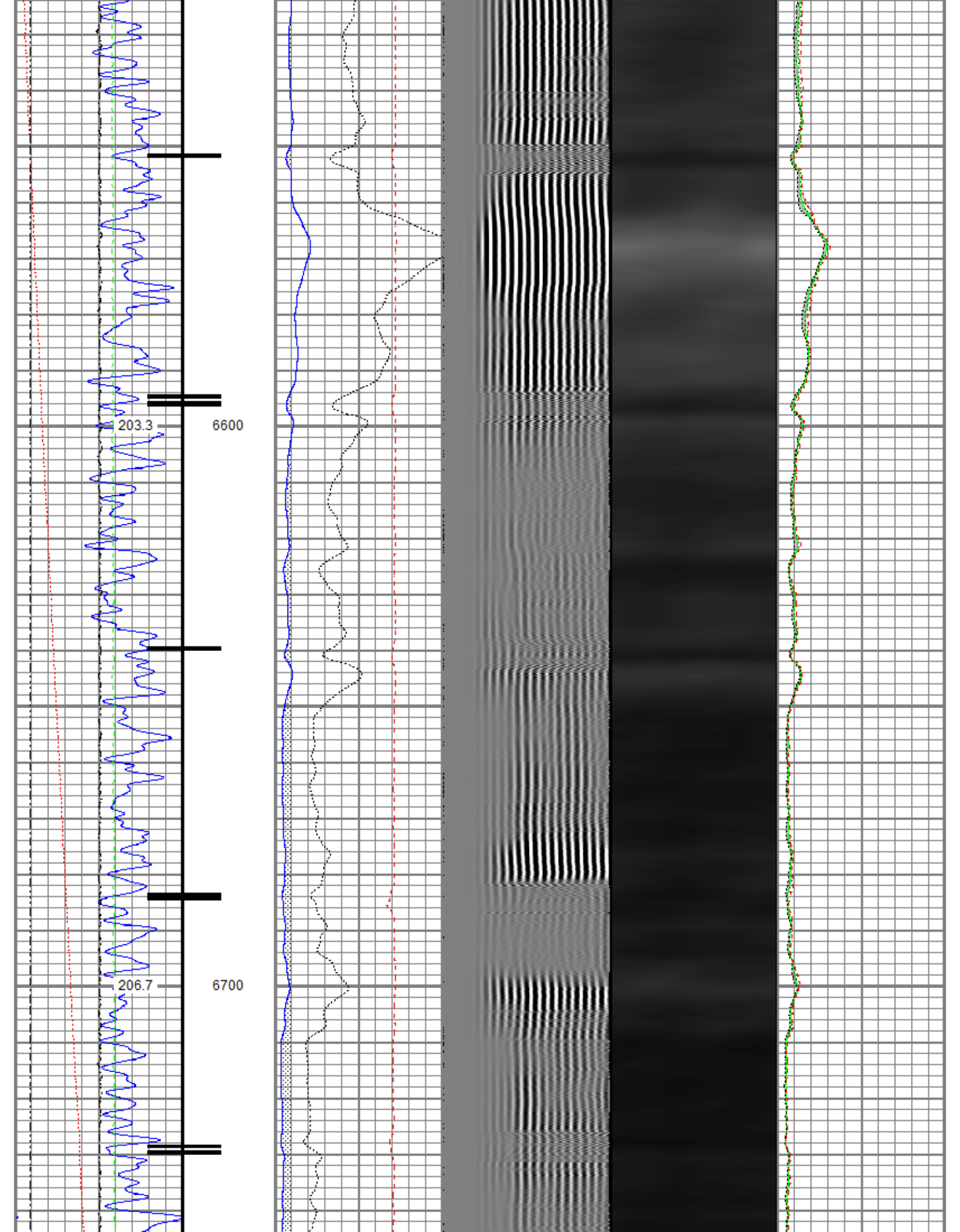


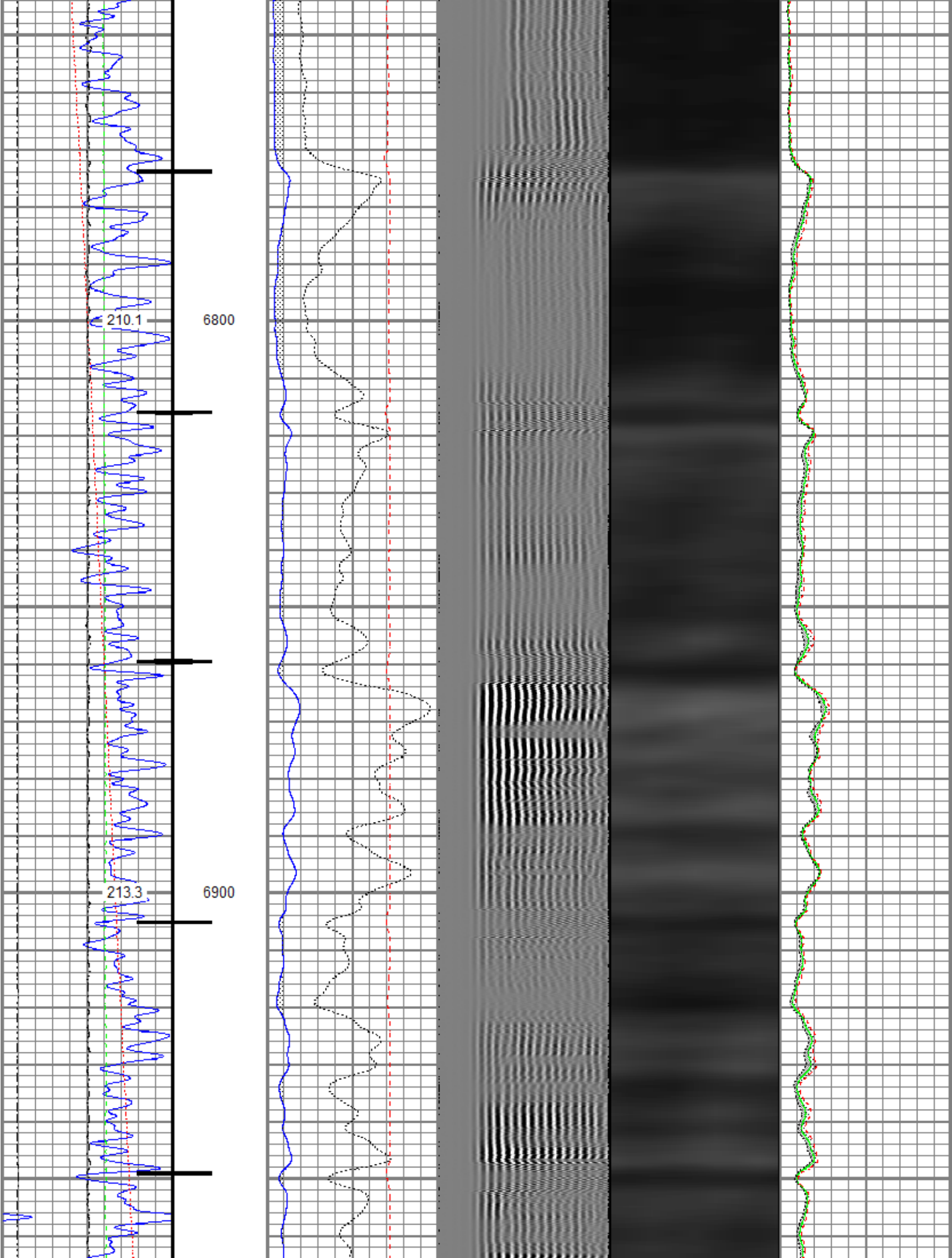


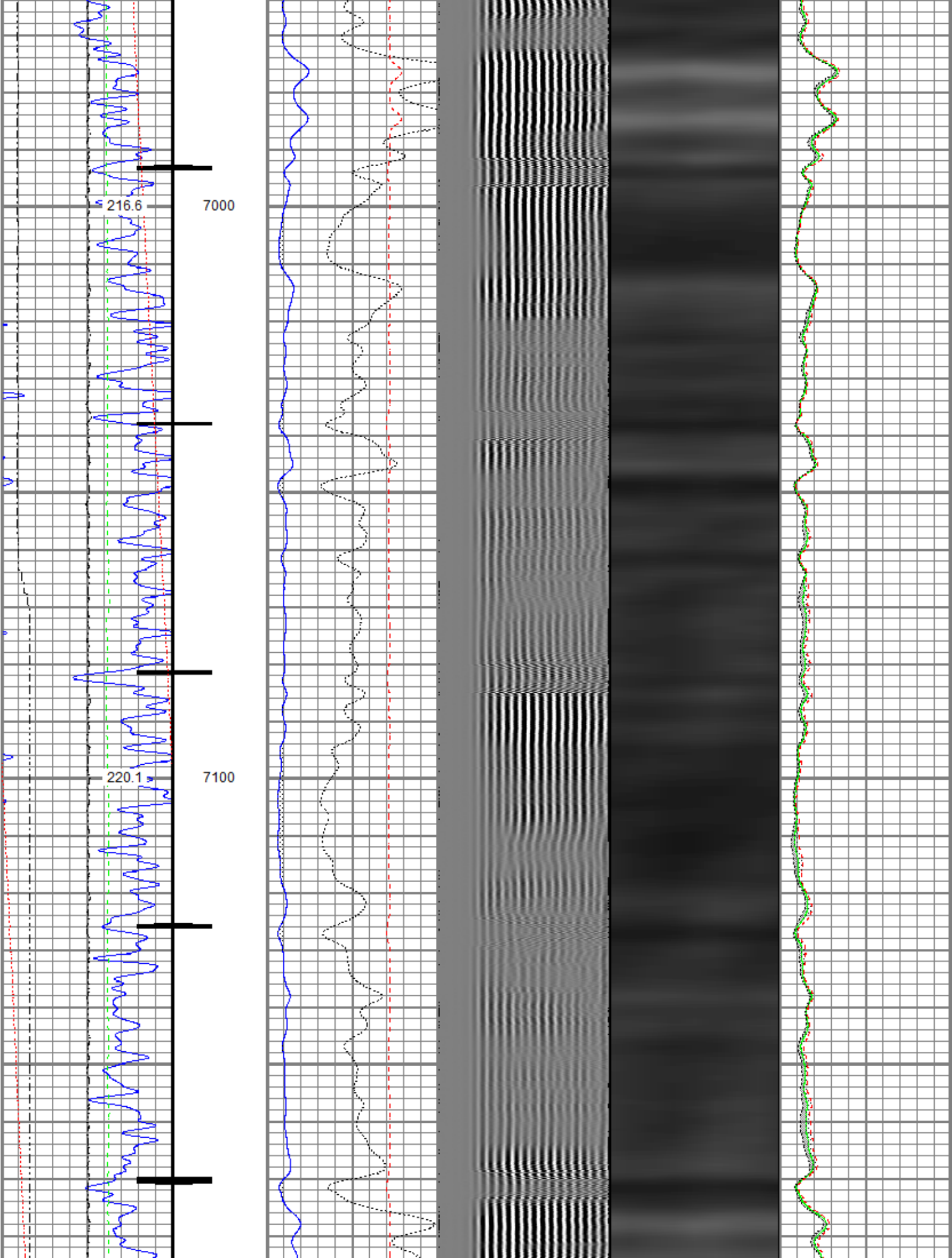


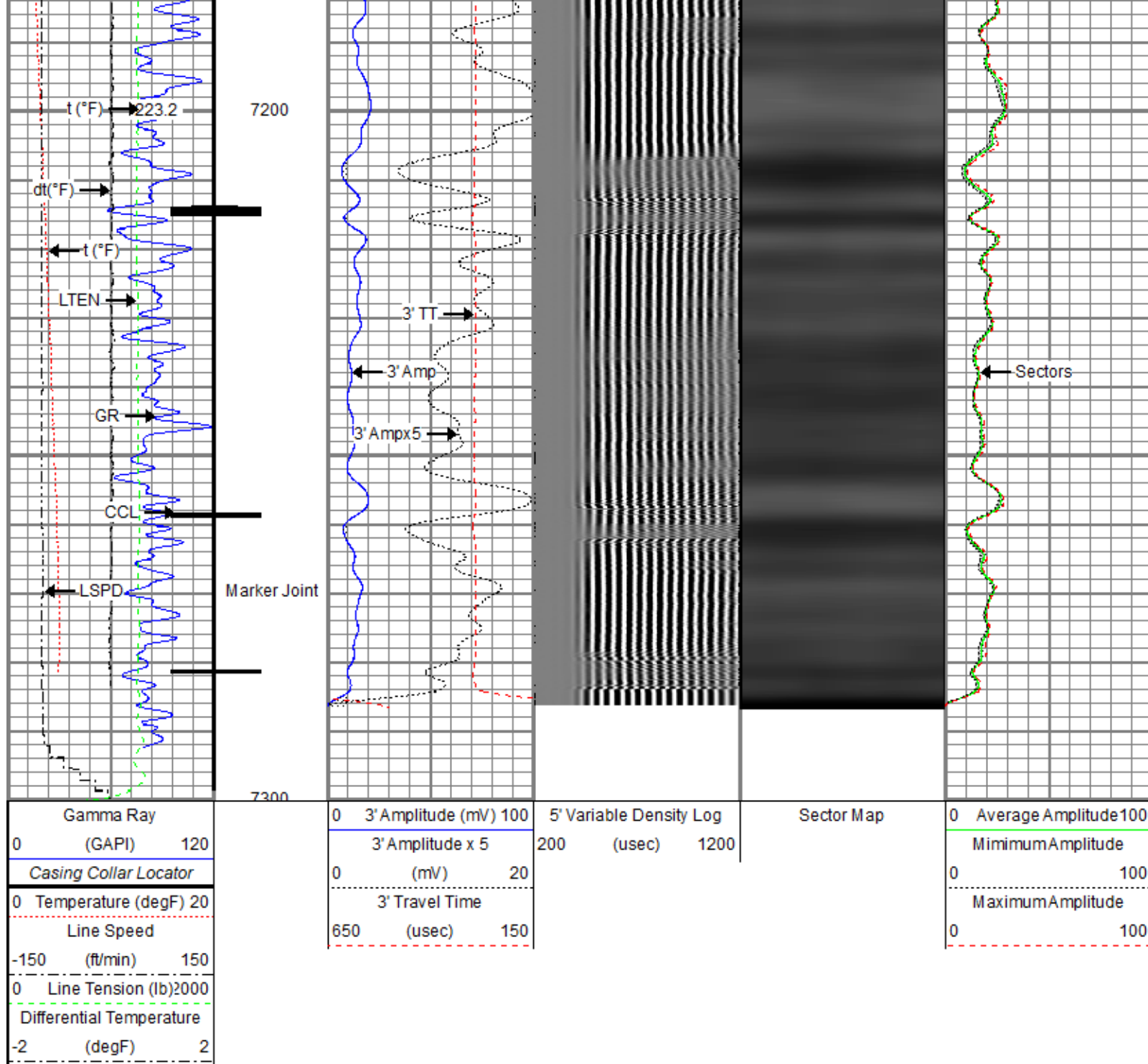








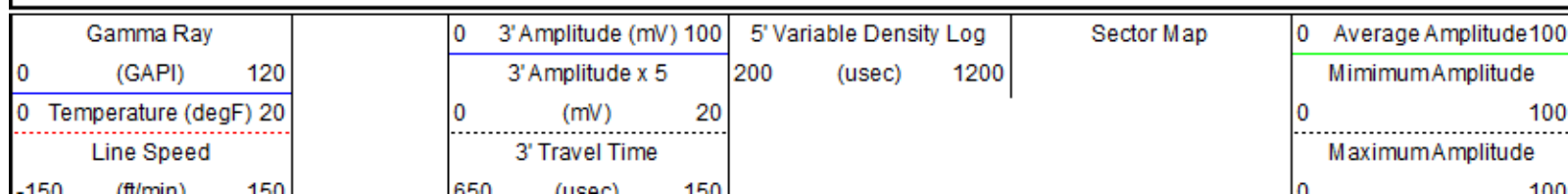


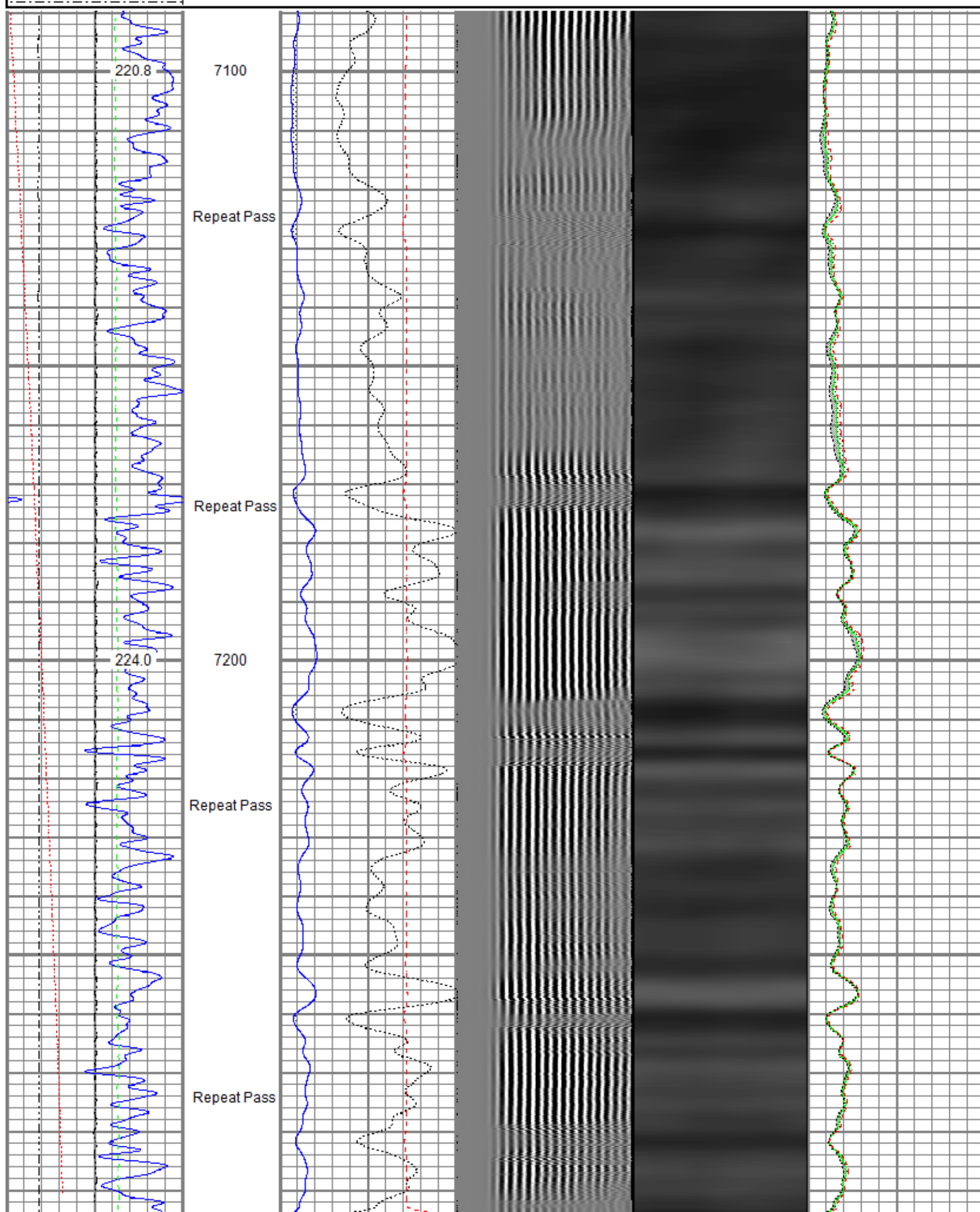


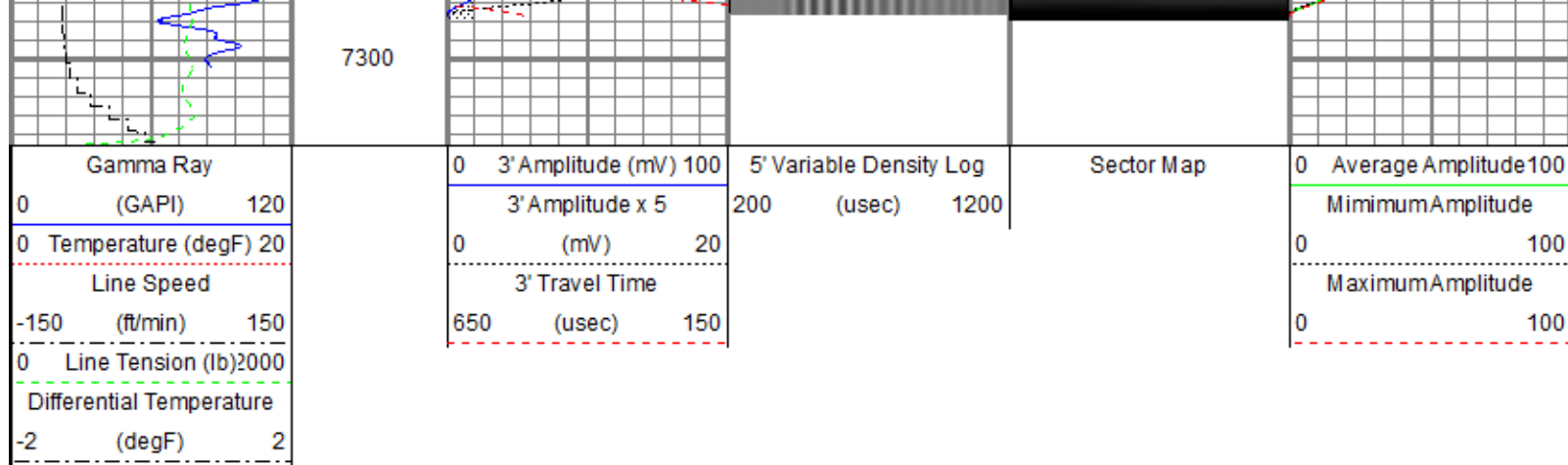
Repeat Pass

Recorded With 0 PSI Surface Induced Pressure

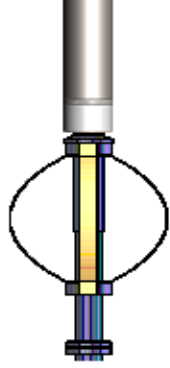
Database File oxy\0512350636_oxy_windsock 21-11hz_rbl_03-17-20\processed_0512350636_oxy_windsock 21-11hz_rbl_03-17-20.db
 Dataset Pathname pass4.4.2
 Presentation Format ros_radrii
 Dataset Creation Wed Mar 18 14:02:28 2020
 Charted by Depth in Feet scaled 1:240







Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Titan CHD-14375 GO Titan 1-7/16" Assembled Electric Cable Head with 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	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

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_0512350636_oxy_windsock 21-11hz_rbl_03-17-20.db: field/well/run1/pass4.9 Total length: 23.86 ft Total weight: 223.60 lb O.D.: 2.75 in						

Calibration Report	
Database File	c:\programdata\warrior\data\oxy\0512350636_oxy_windsock 21-11hz_rbl_03-17-20\processed_0512350636_oxy_windsock 21-11hz_rbl_03-17-20
Dataset Pathname	pass4.9
Dataset Creation	Wed Mar 18 13:52:01 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:	28.429	ft

Master Calibration, performed (Derived):						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.005	0.395	0.000	71.921	184.514	-0.949
CAL	0.004	0.404				
5'	0.006	0.366	0.000	71.921	199.634	-1.239
SUM						
S1	0.004	0.394	0.000	100.000	256.315	-0.935
S2	0.006	0.399	0.000	100.000	254.268	-1.489
S3	0.005	0.405	0.000	100.000	249.938	-1.259
S4	0.006	0.411	0.000	100.000	247.043	-1.419
S5	0.006	0.404	0.000	100.000	251.273	-1.438
S6	0.005	0.397	0.000	100.000	255.001	-1.245
S7	0.006	0.393	0.000	100.000	258.131	-1.439
S8	0.006	0.388	0.000	100.000	262.009	-1.579

Air Zero Calibration, performed Tue Mar 17 13:42:32 2020:		
Raw (v)	Calibrated (v)	Results
Zero	Zero	Offset

3'	0.004	0.000	-0.000
5'	0.004	0.000	-0.000
SUM			
S1	0.004	0.000	-0.000
S2	0.004	0.000	0.000
S3	0.004	0.000	0.000
S4	0.004	0.000	0.000
S5	0.004	0.000	0.000
S6	0.004	0.000	0.000
S7	0.004	0.000	0.000
S8	0.004	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 Windsock 21-11HZ
Field Wattenberg
County Weld
State Colorado