



Company	SRC Energy Inc
Well	Troudt 41C-23-M
Field	Wattenberg
County	Weld
	State
	Colorado

API #: 05-123-46246

TWP 6N R0

Log Measured From

Ground Level

Drilling Measured From

Kelly Bushing

Elevation	
K.B.	---
D.F.	---
G.L.	---

Date	02-06-2018
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Depth Driller	15267 FT (GL)
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Depth Logger	7103-F1
Bottom Interval	7088-ET

Top Log Interval	Surface
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Type Fluid	Water
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Density / Viscosity	0.34 lb/gal
Max. Recorded Temp.	224°F

Estimated Cement Top	See Log
Time Well Bore	NOA

Time Logger on Bottom	10:58
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Equipment Number	11D-0324
Location	Platteville, CO

Recorded By	M. Steinman
Witnessed By	Bill Wall

	Borehole Record	
D.		T.

[illegible]

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Size (in)	Wt (lbs/Et)

Surface Casing	9 5/8	36
Intermediate #1	11 1/2	20

Intermediate #2			
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[illegible]

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 6617 FT
Adjusted +1 FT to correlate with Marker Joint
Gauge Ring/Junk Basket ran to 7440 FT with no debris
Log ran from approx. 25 FT above RBP at 7125 FT to surface
Log ran with 2500 PSI Surface Induced Pressure
Logging tools were clean and free of debris upon completion of operations

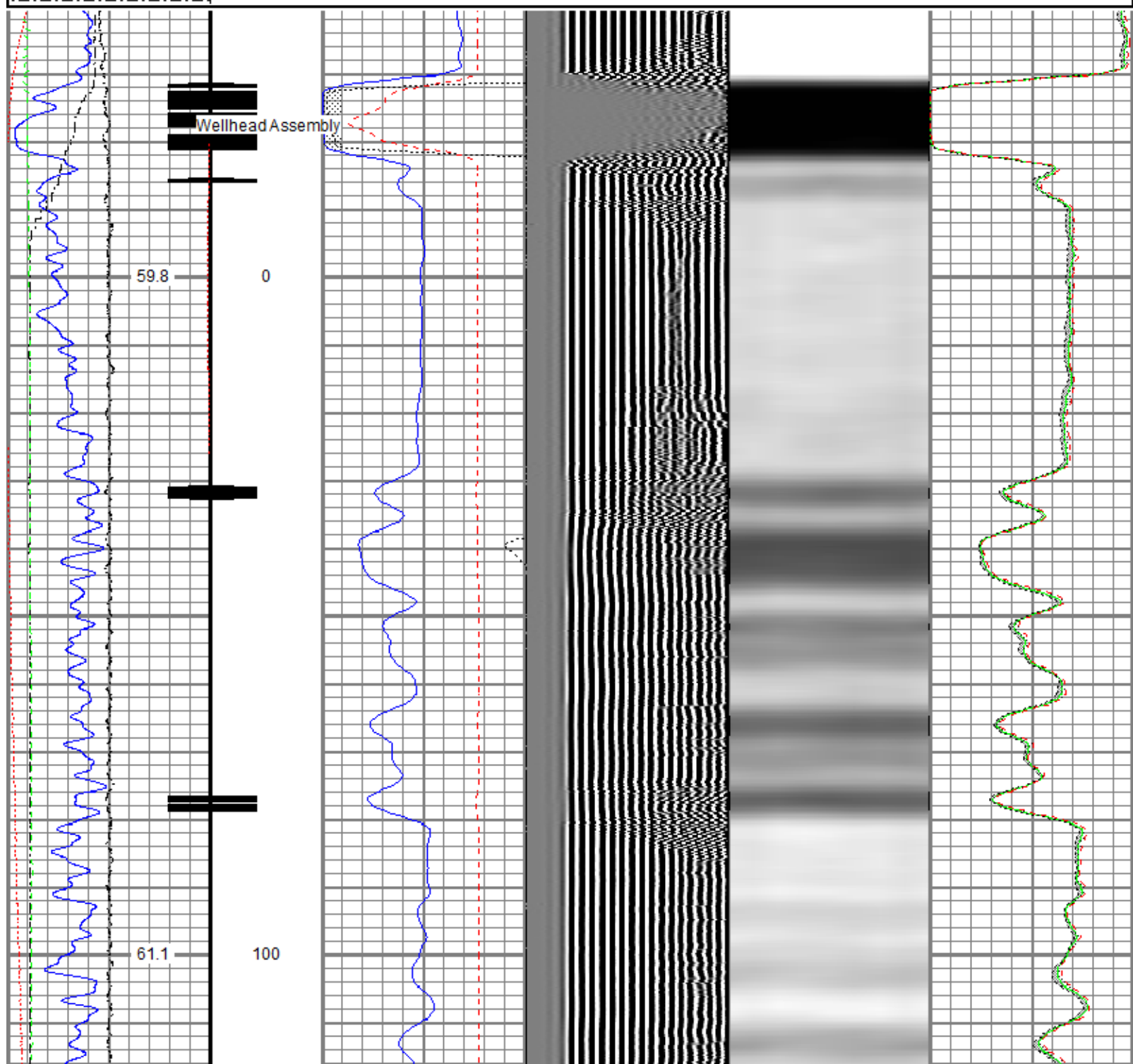
Thank you for choosing Reliance Oilfield Services, LLC!!

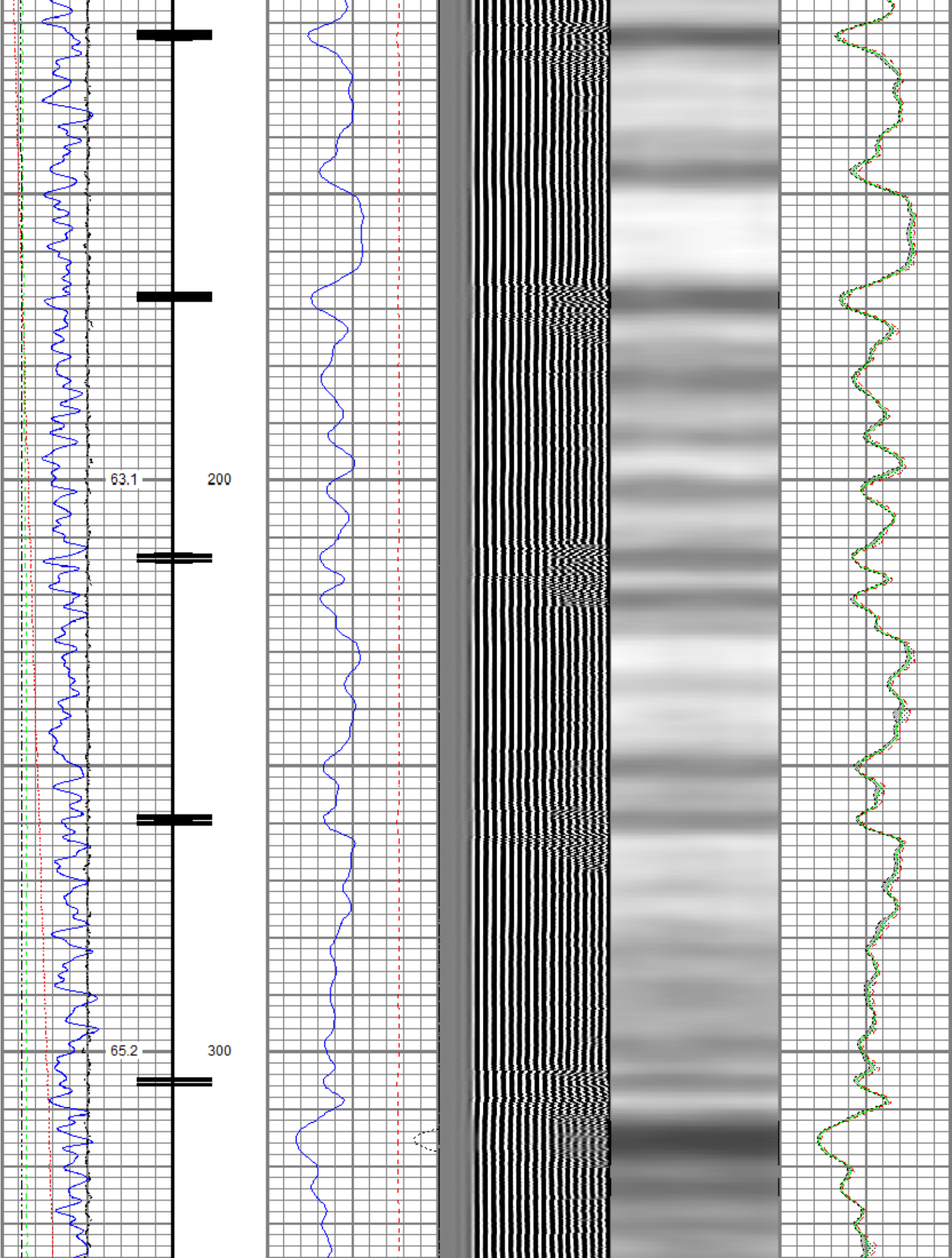


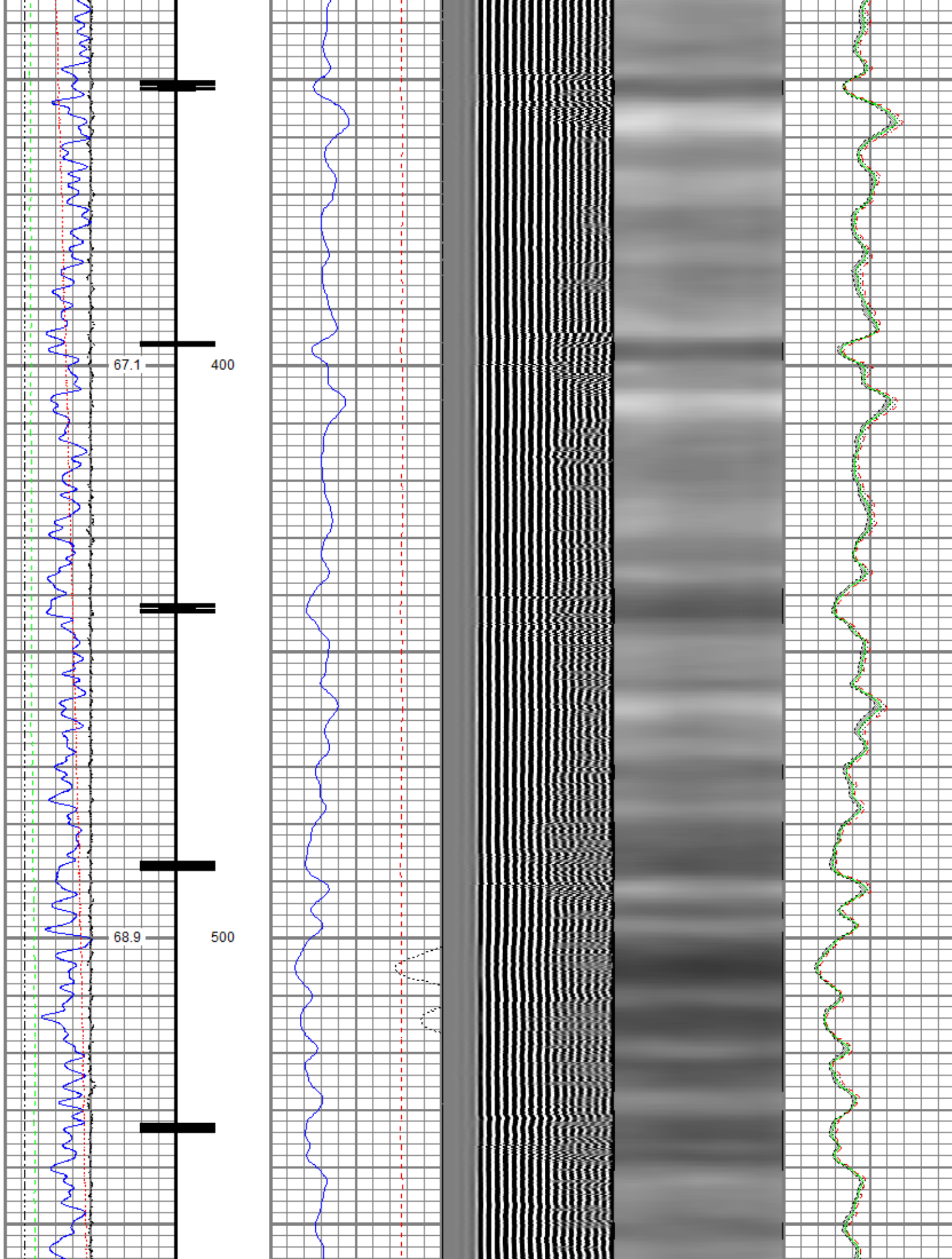
Recorded With 2500 PSI Surface-Induced Pressure

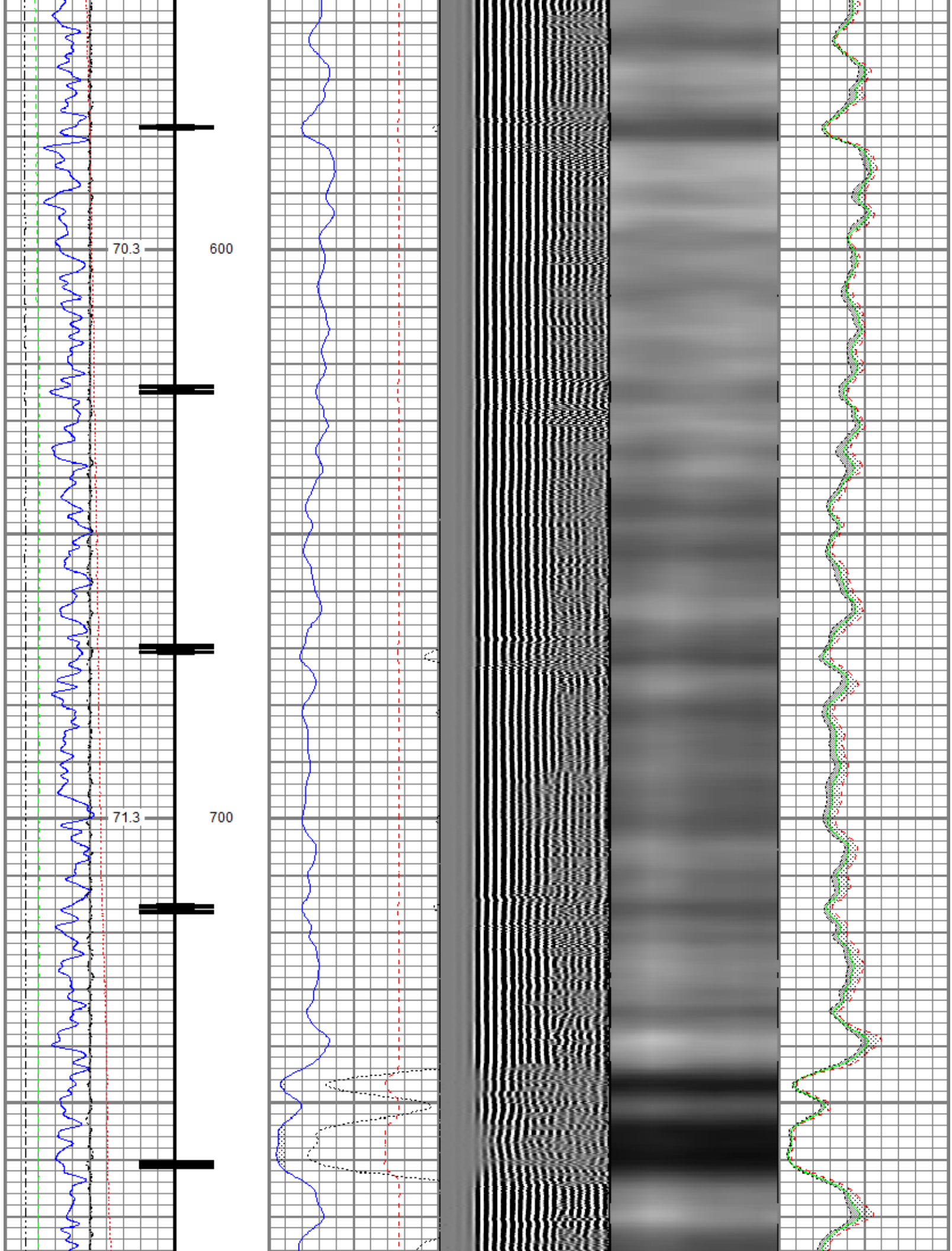
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 Dataset Pathname main
 Presentation Format ros_radrii
 Dataset Creation Tue Oct 02 11:00:55 2018
 Charted by Depth in Feet scaled 1:240

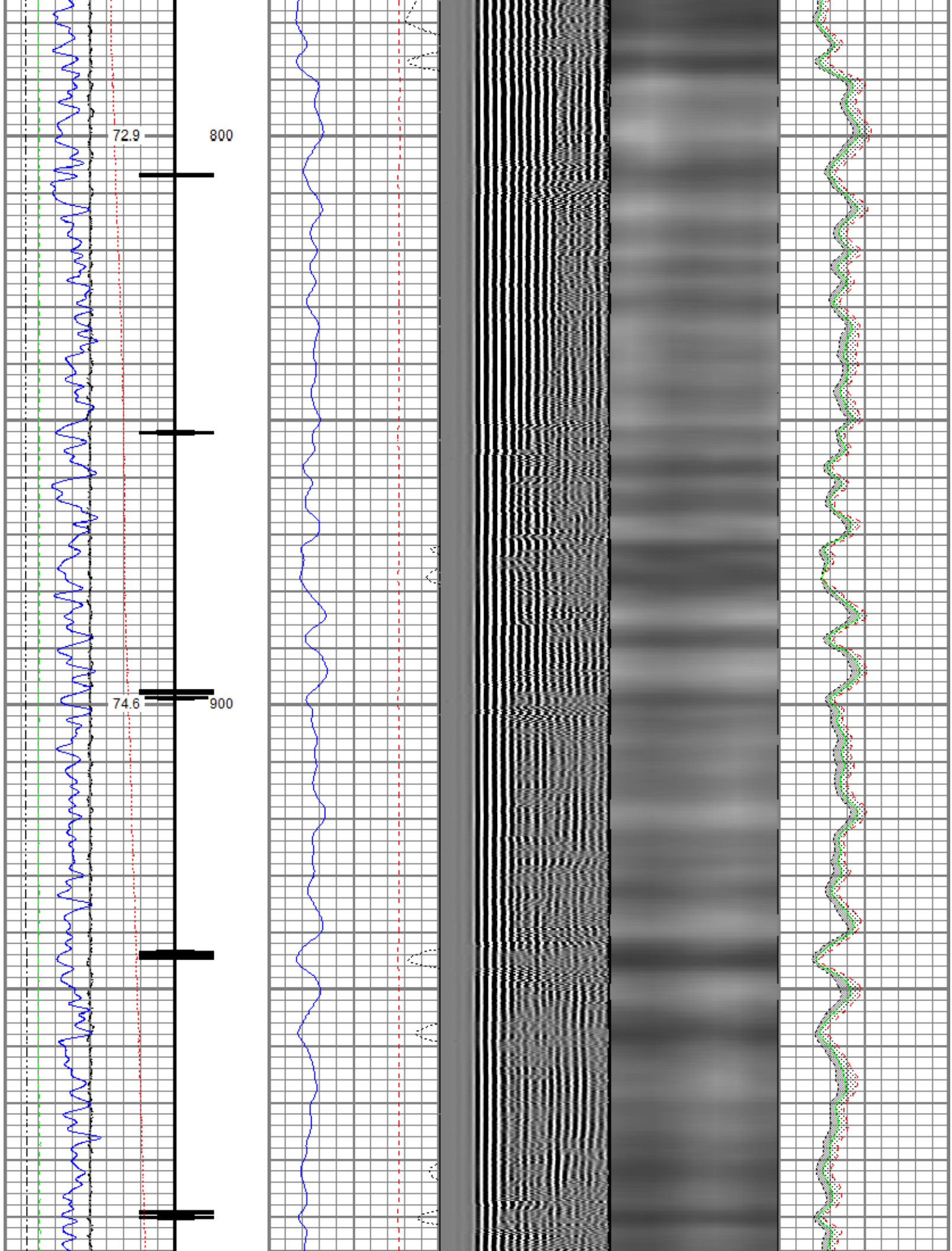
Gamma Ray	0	3' Amplitude (mV) 100	5' Variable Density Log	Sector Map	0	Average Amplitude 100
(GAPI) 120		3' Amplitude x 5	200			Minimum Amplitude
Casing Collar Locator	0	(mV) 20			0	100
Temperature (degF) 20		3' Travel Time				Maximum Amplitude
Line Speed	650	(usec) 150			0	100
-150 (ft/min) 150				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

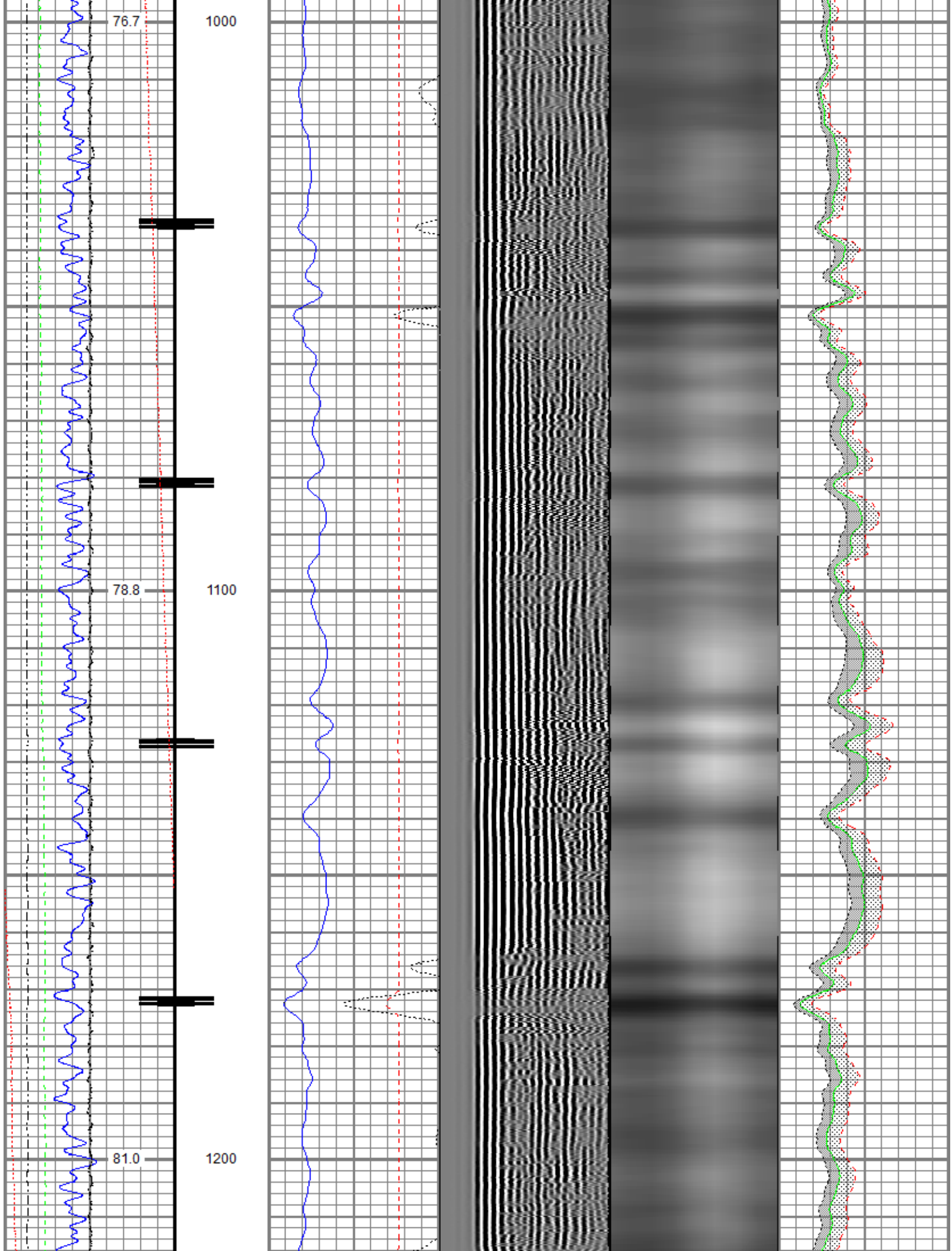


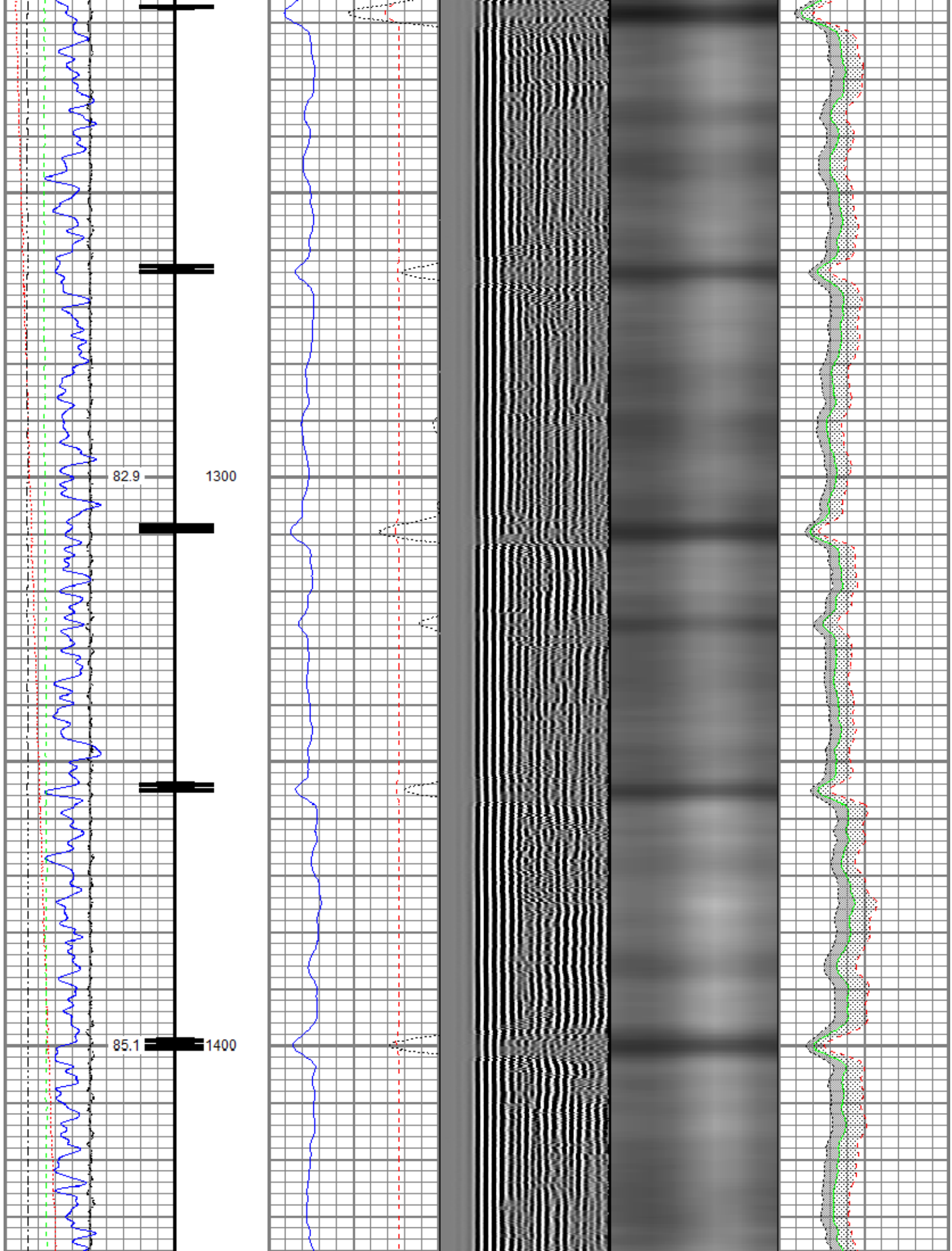


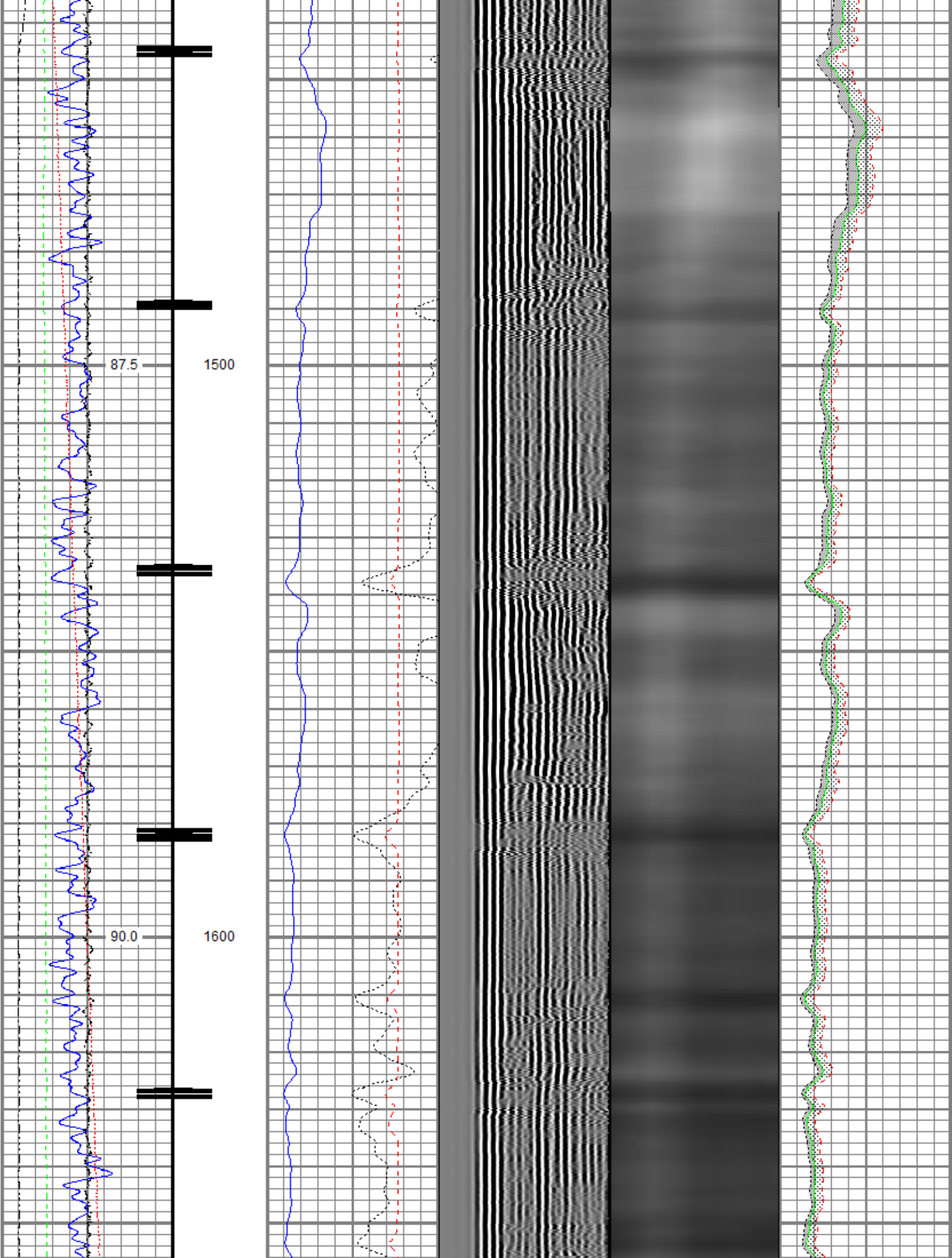


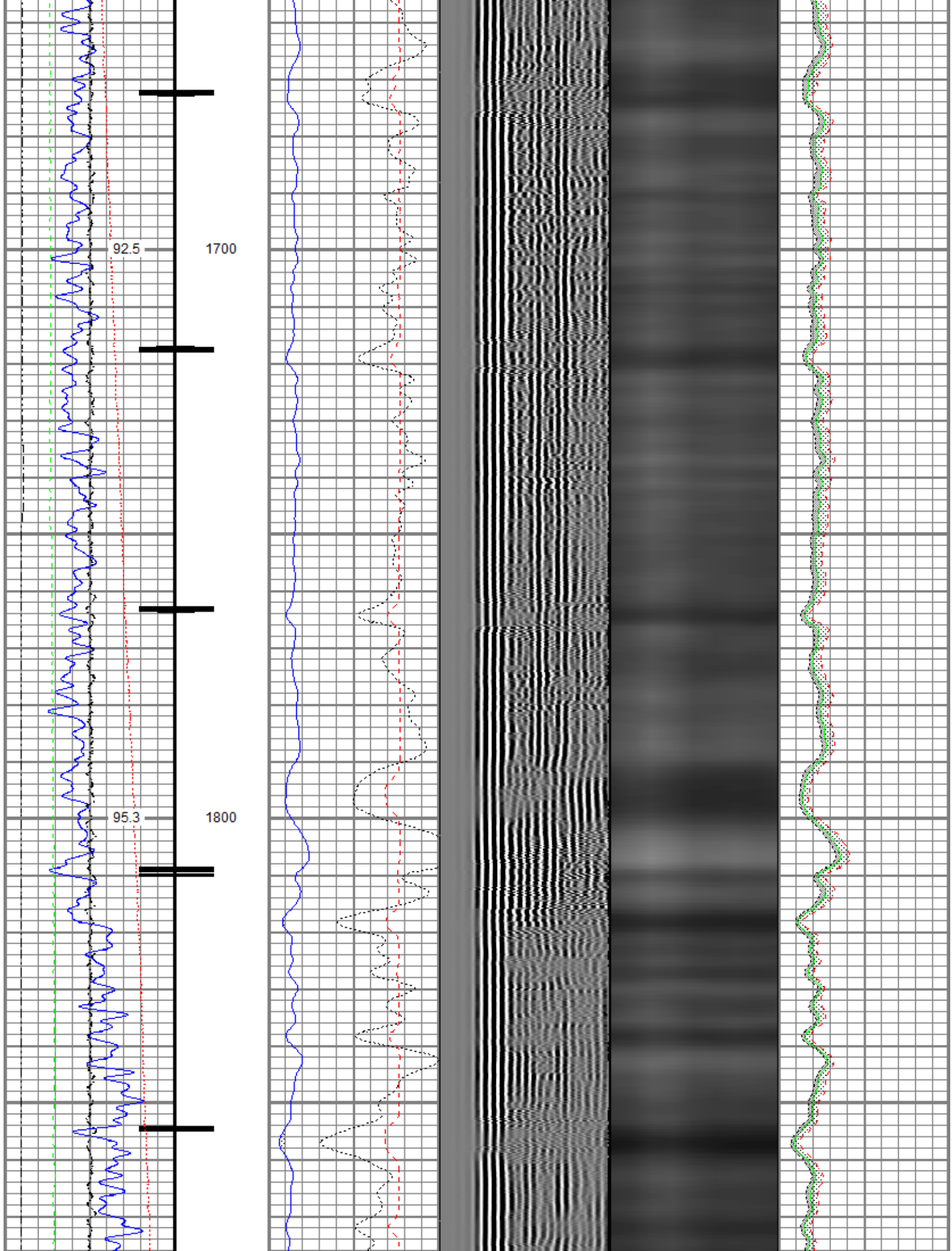


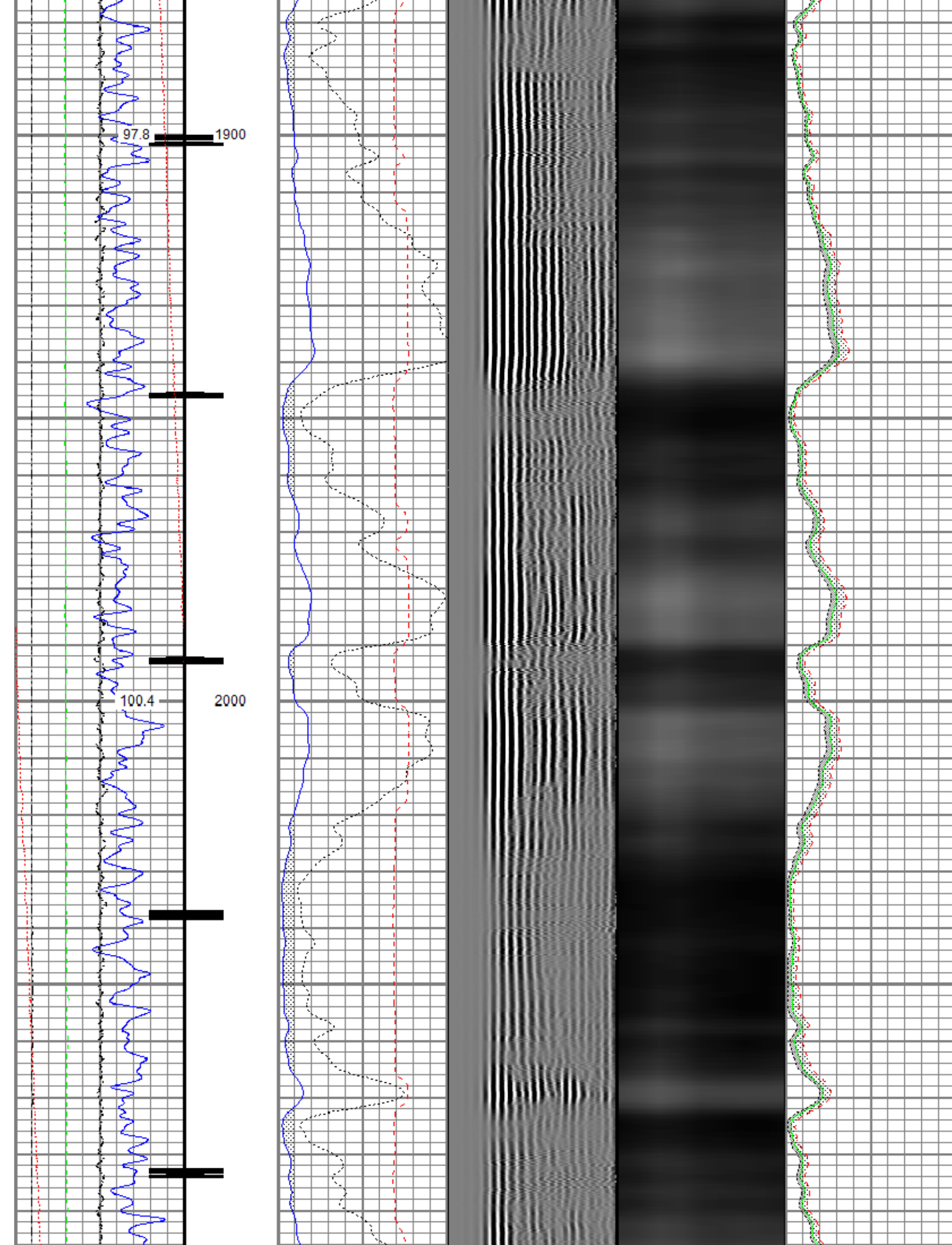


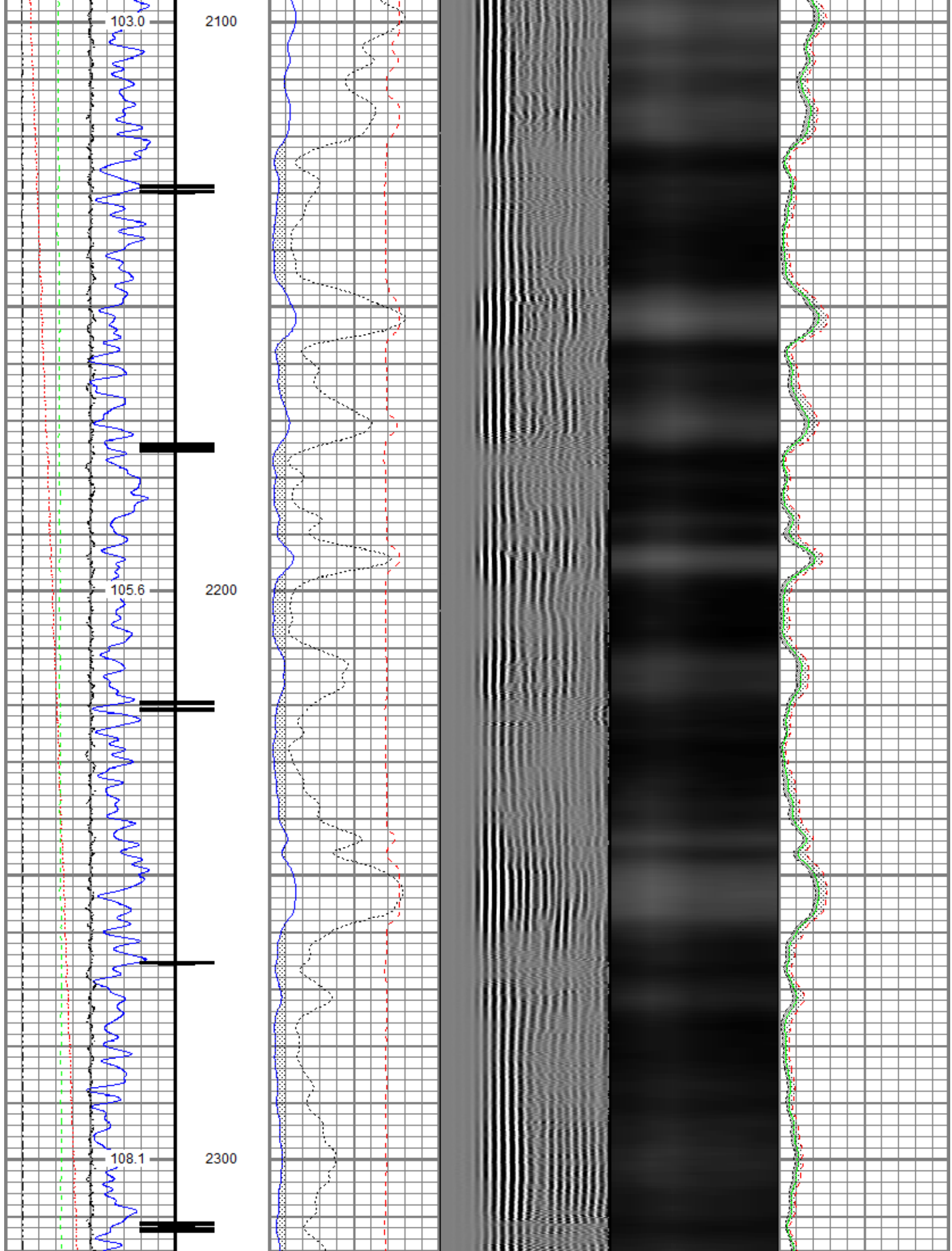


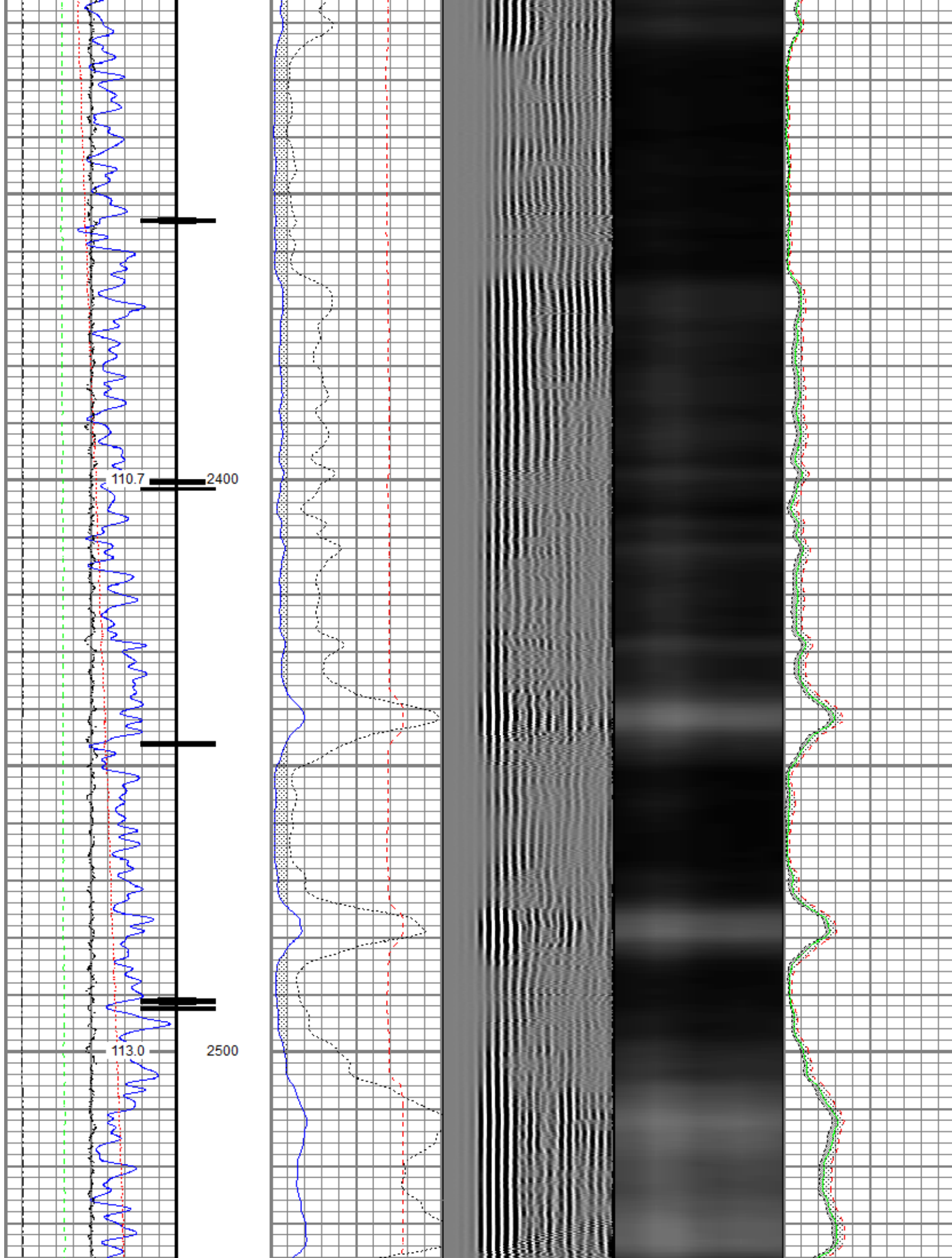


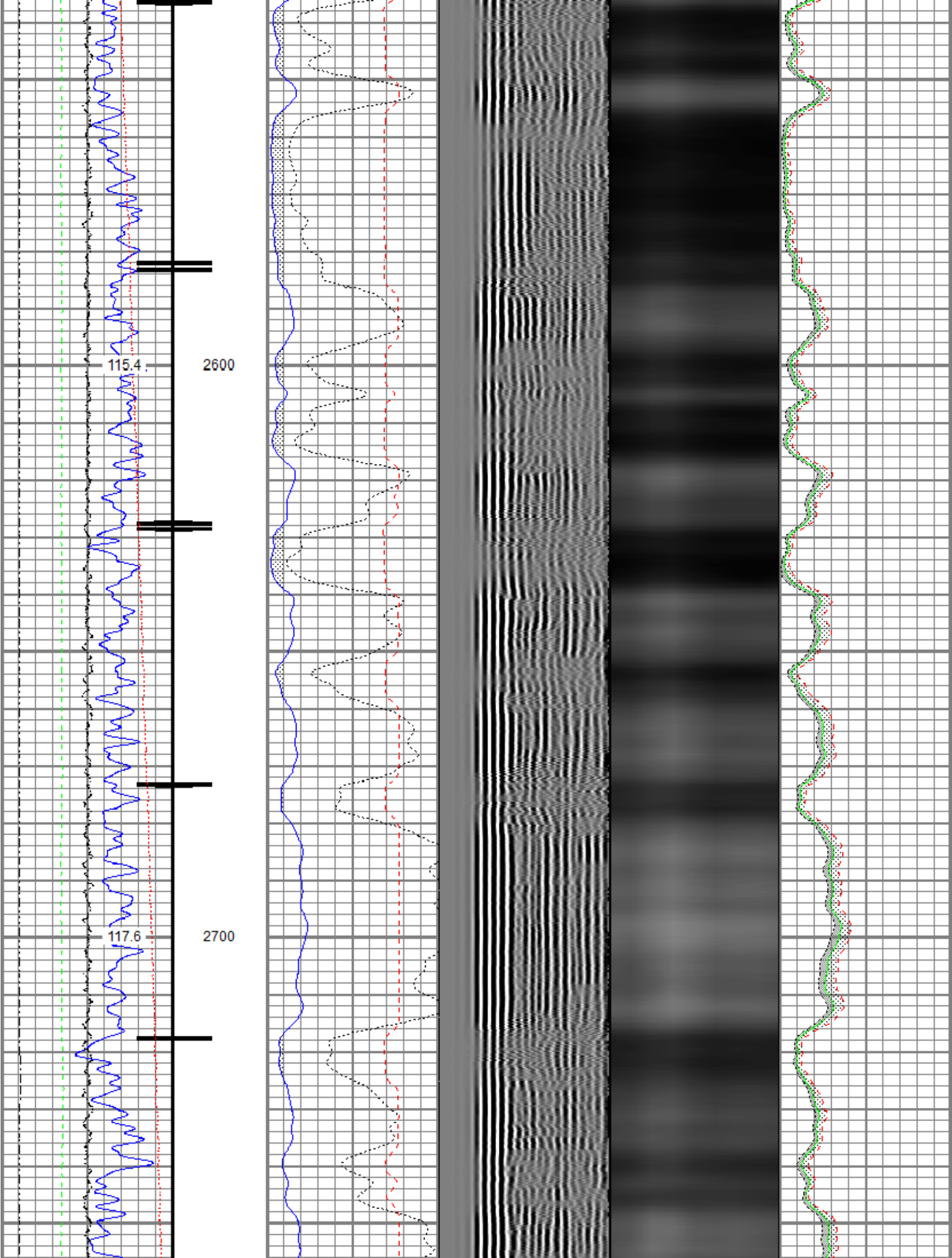


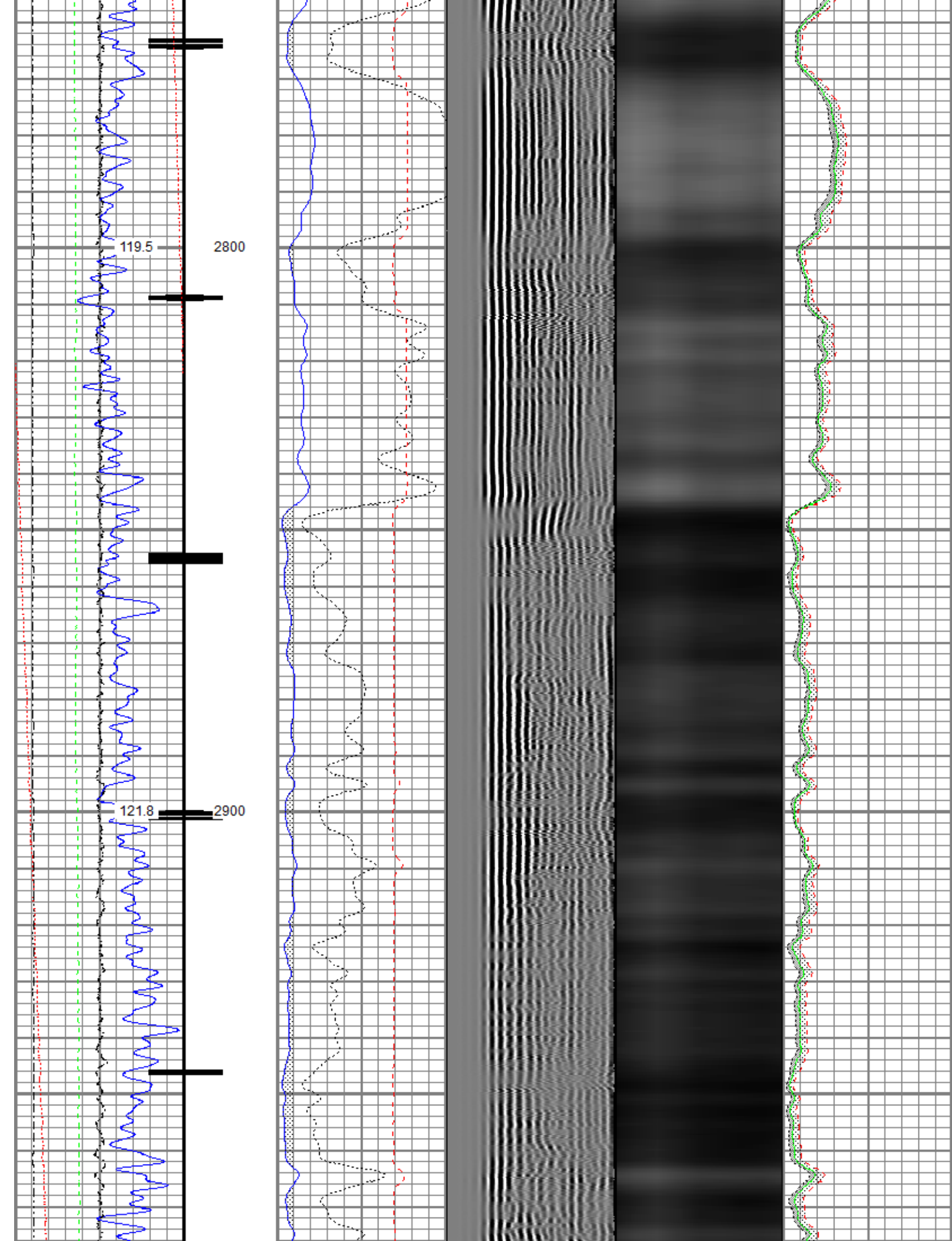


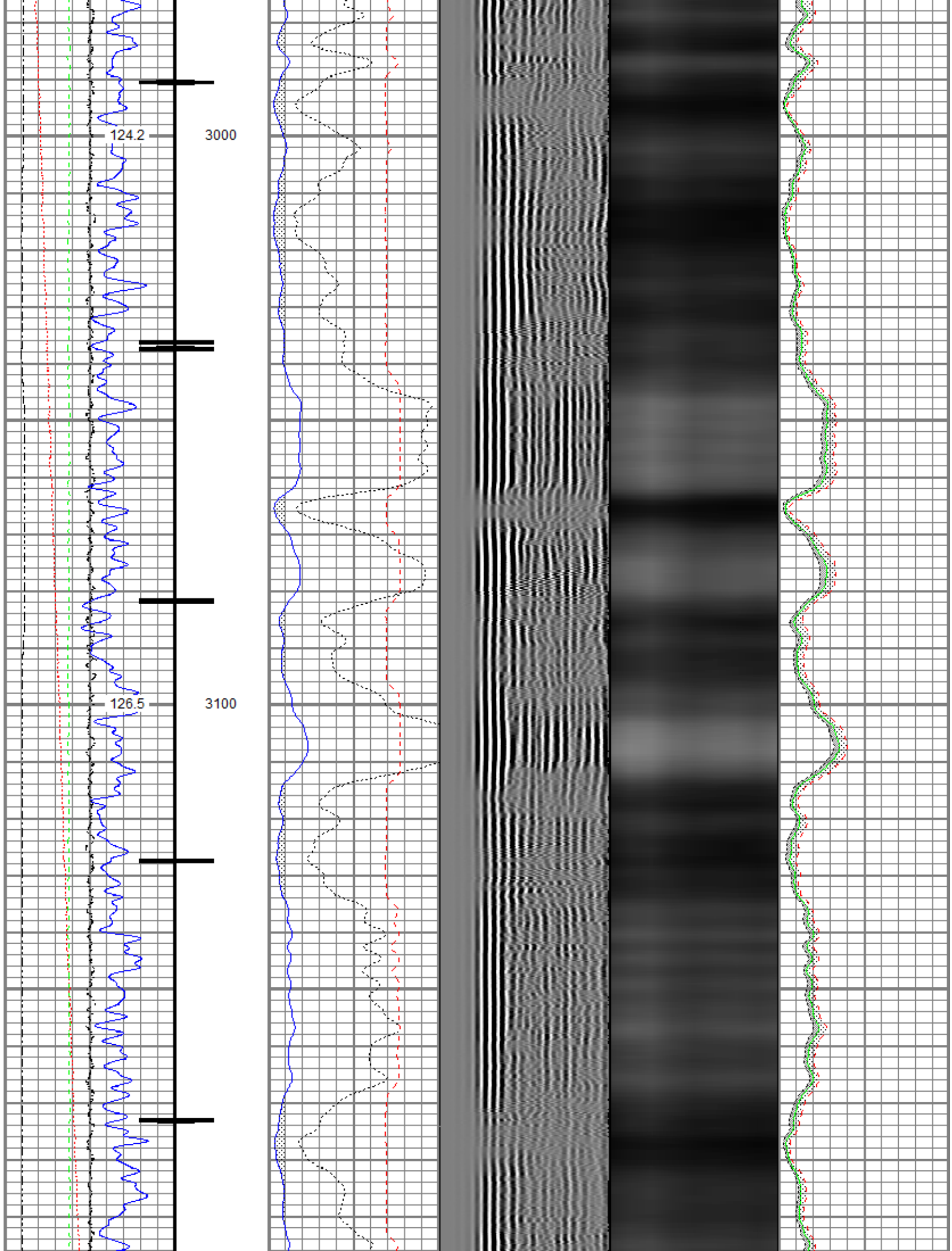


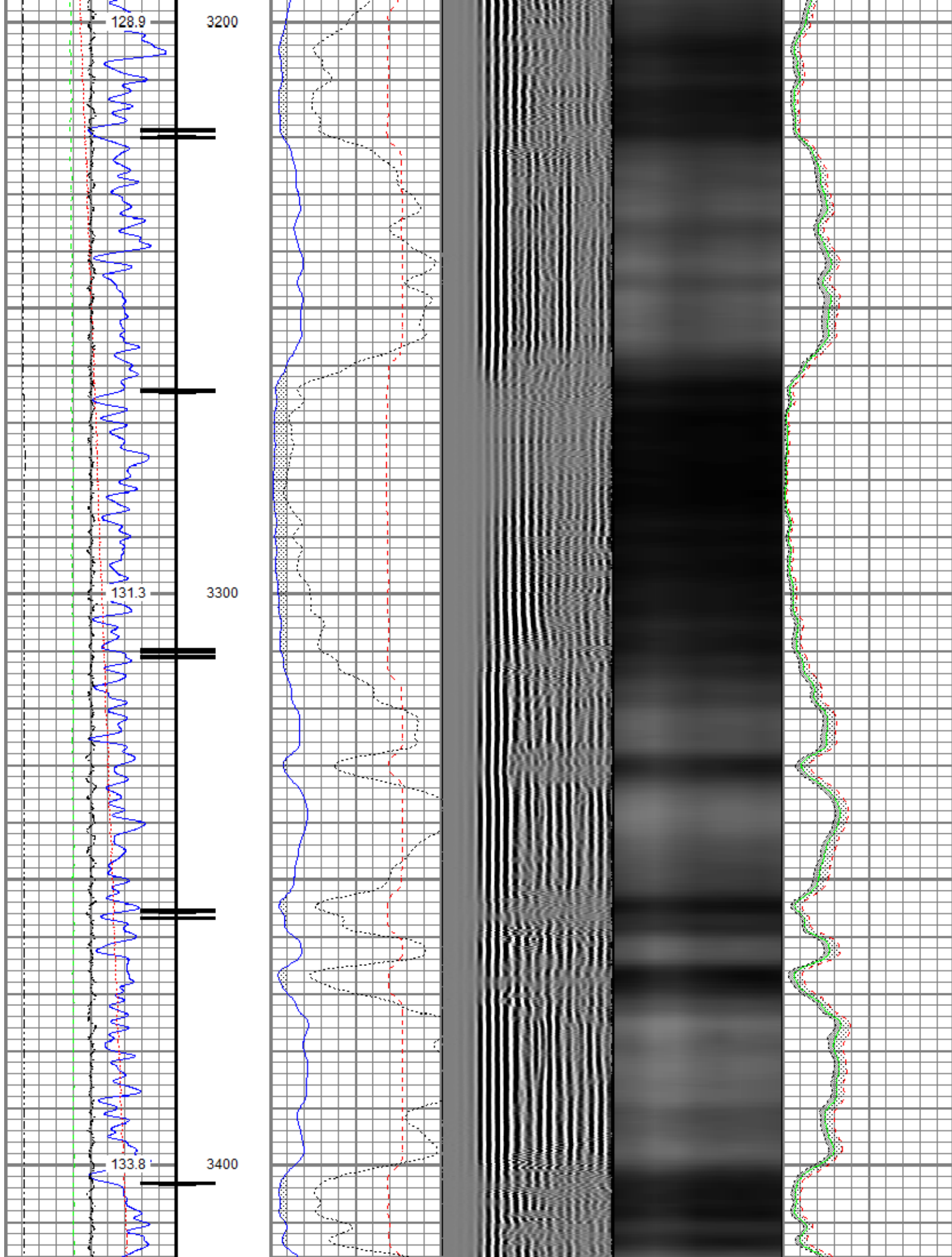


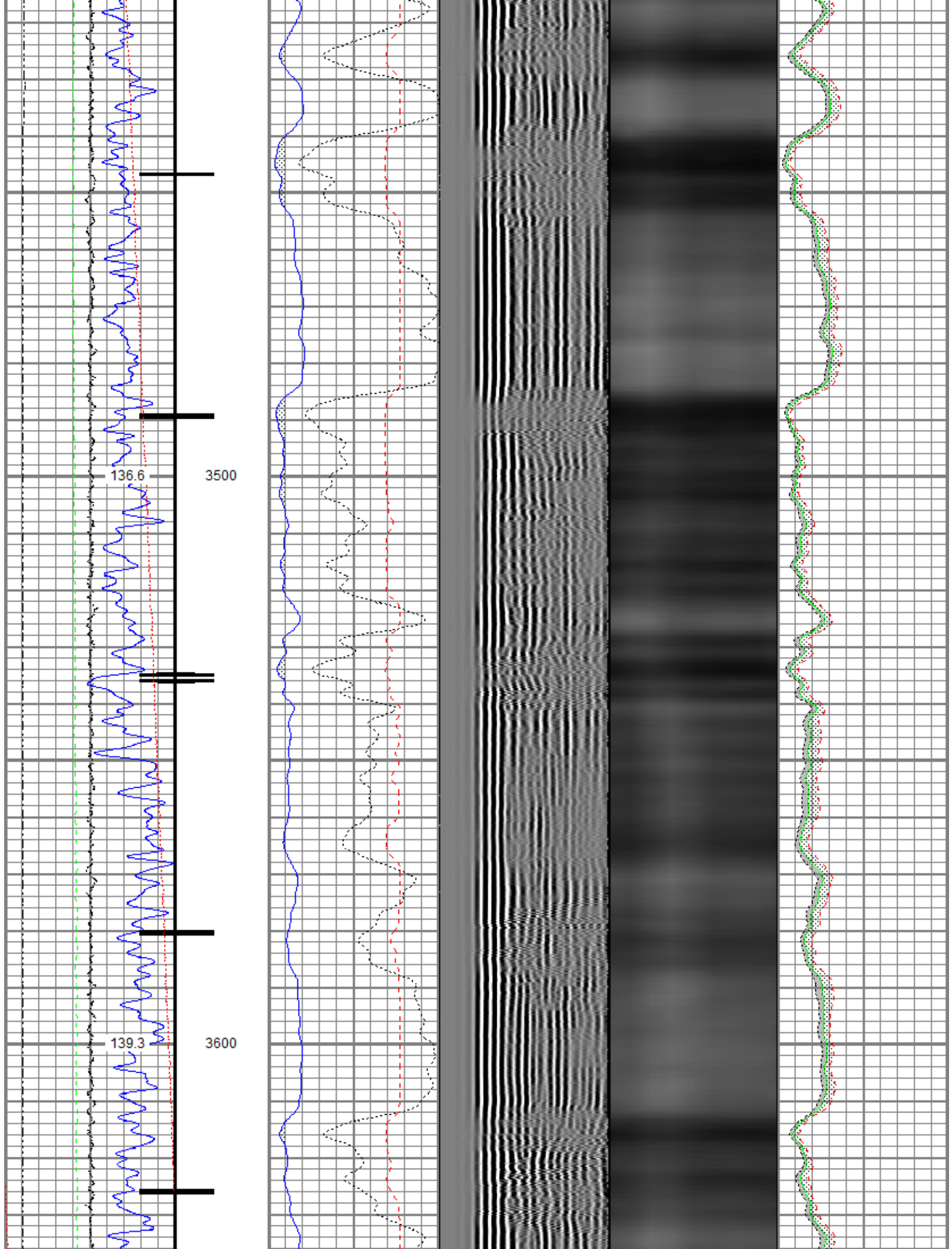


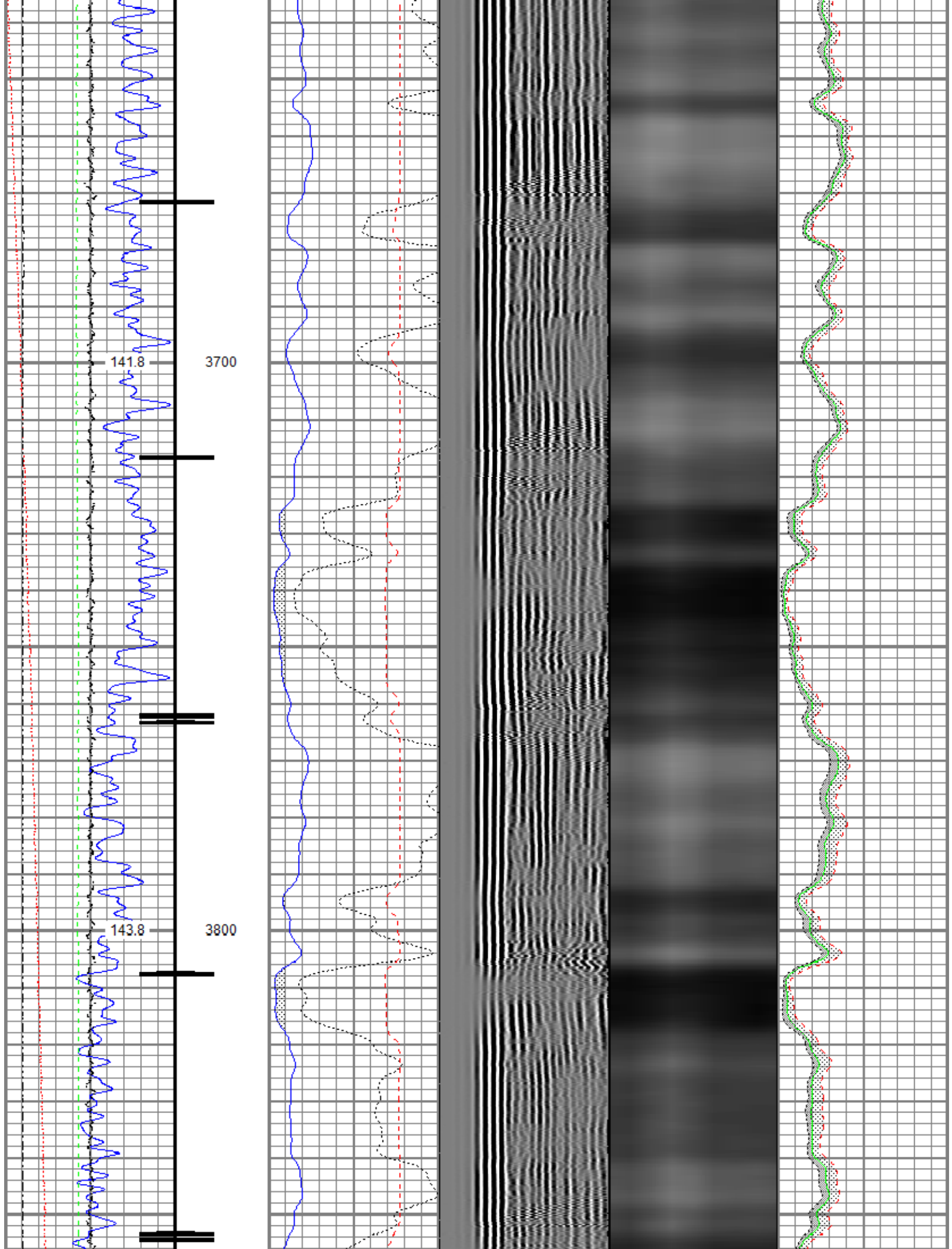


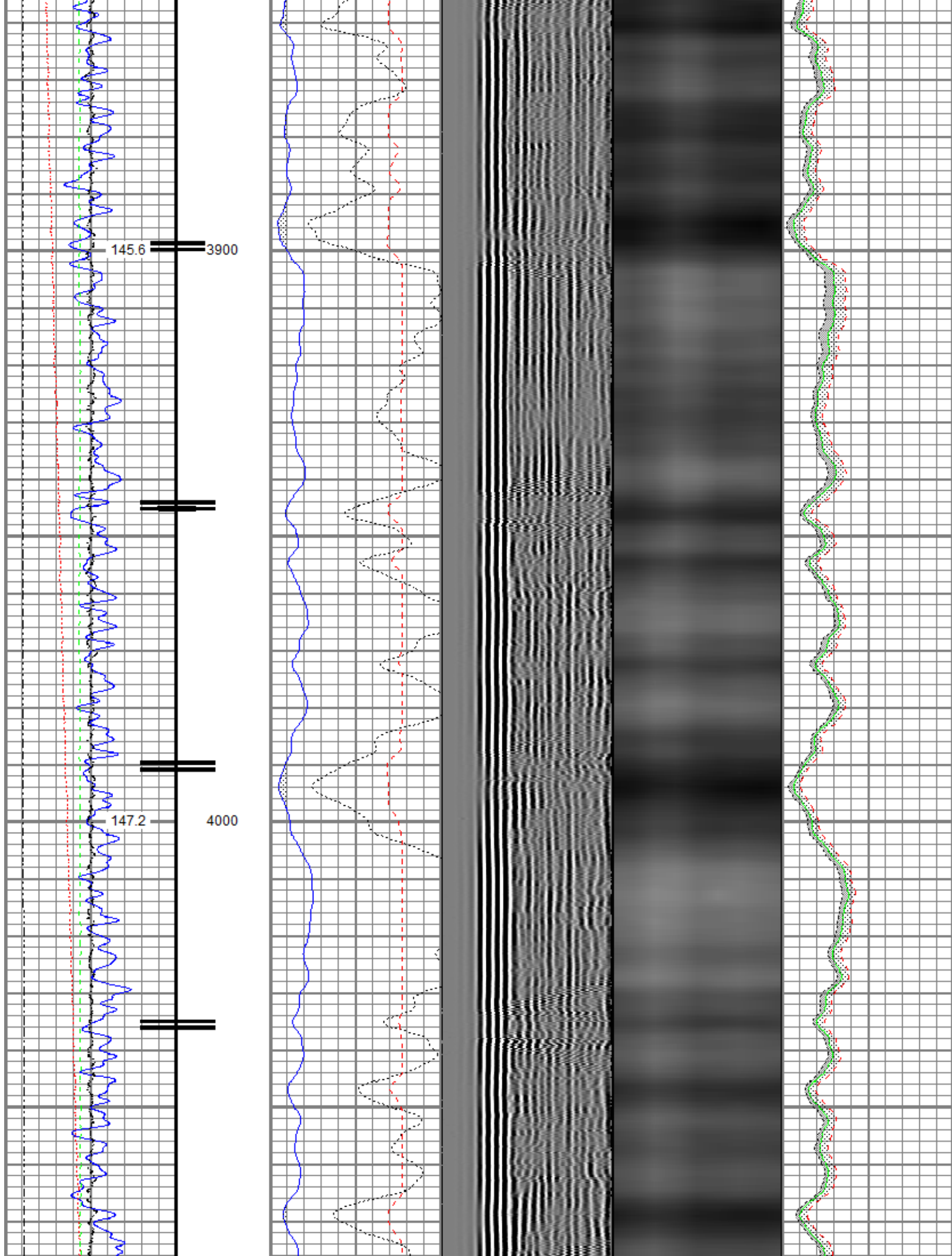


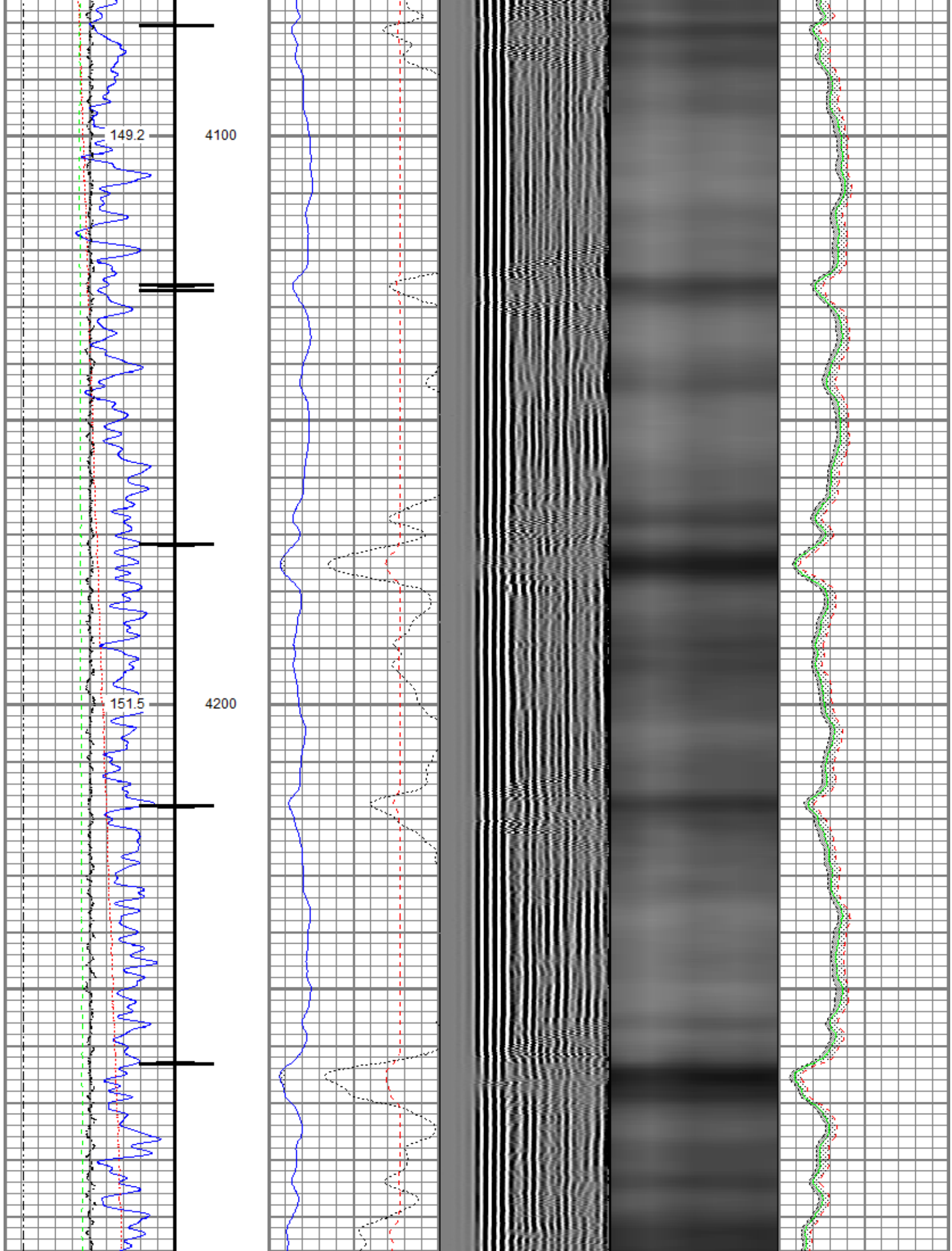


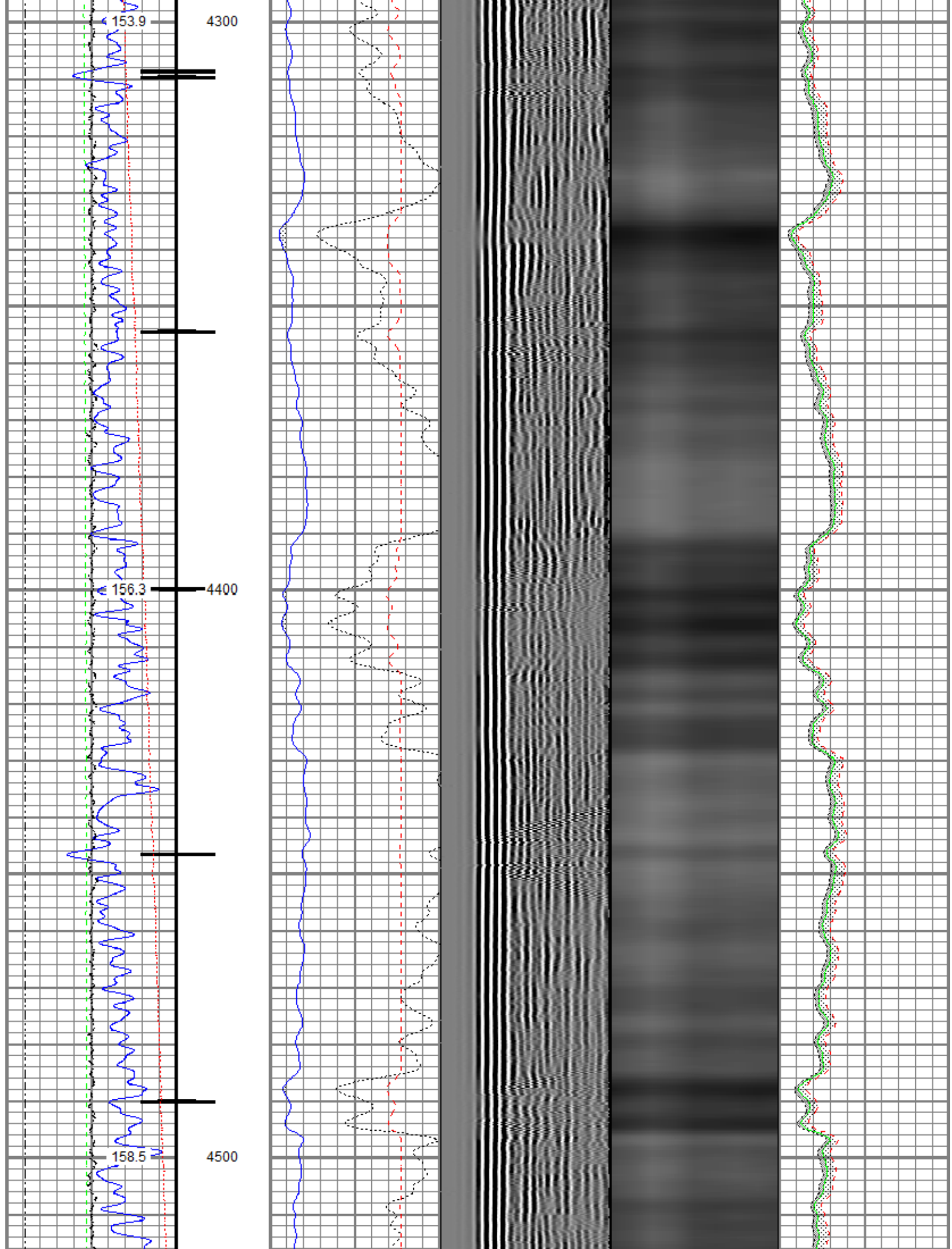


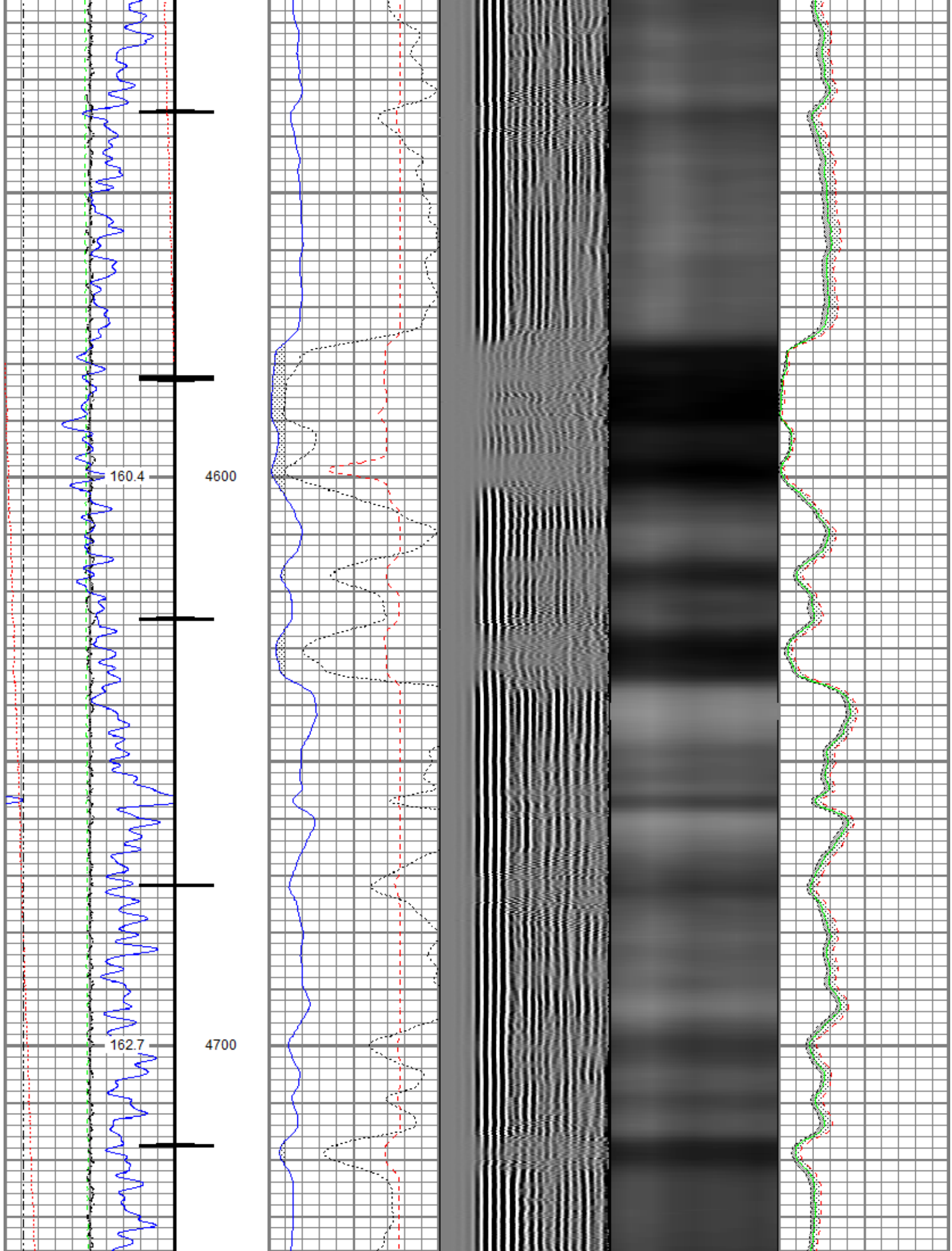


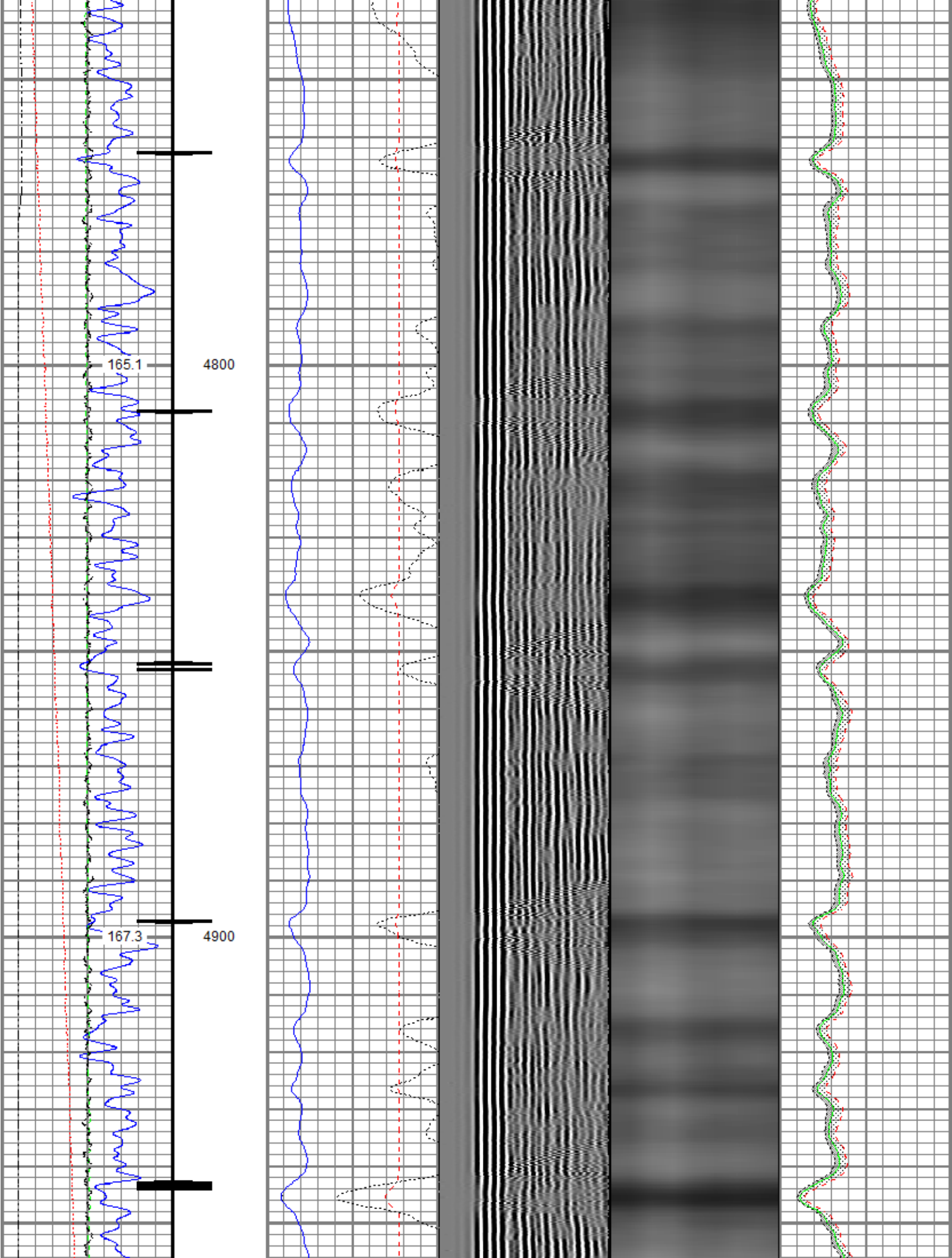


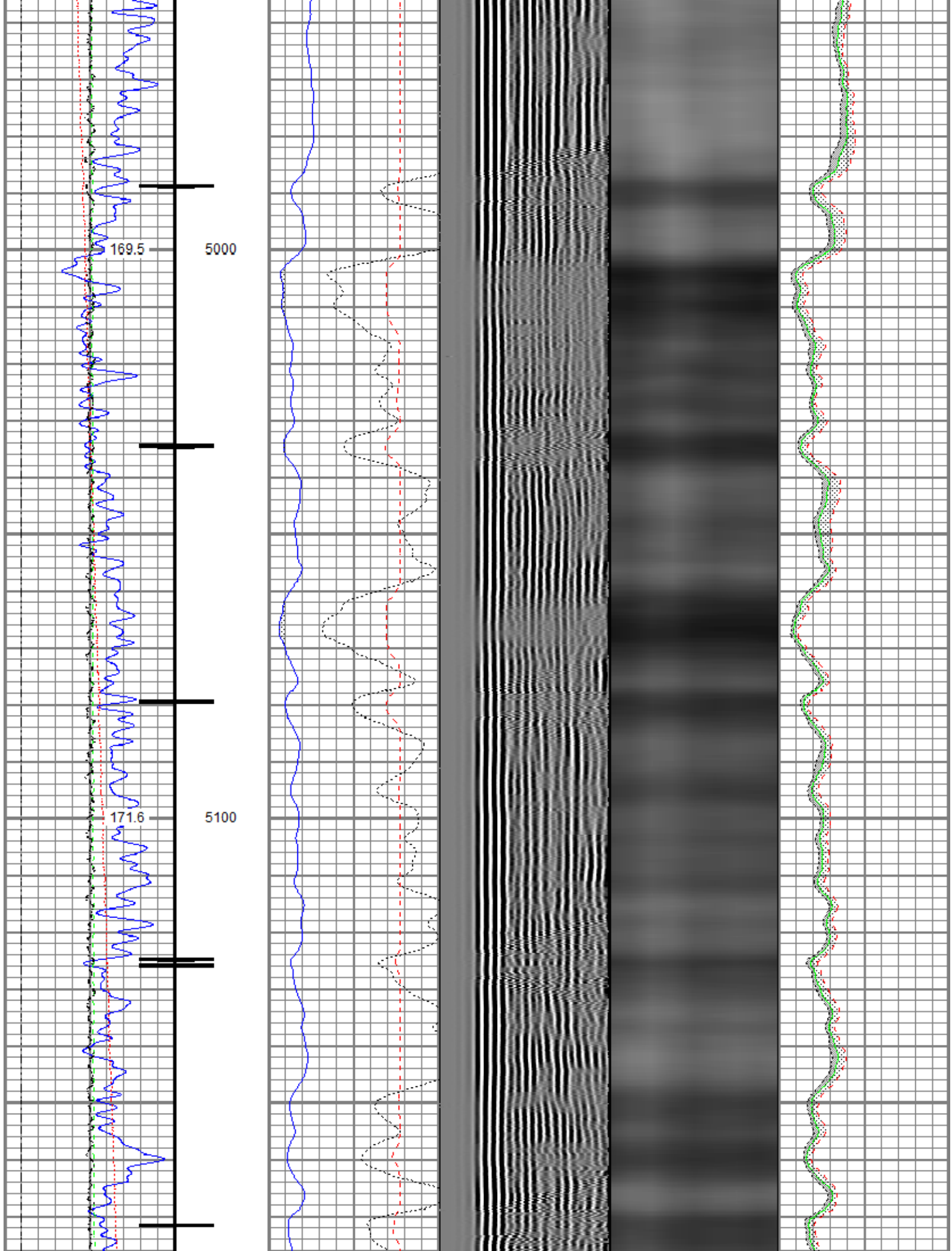


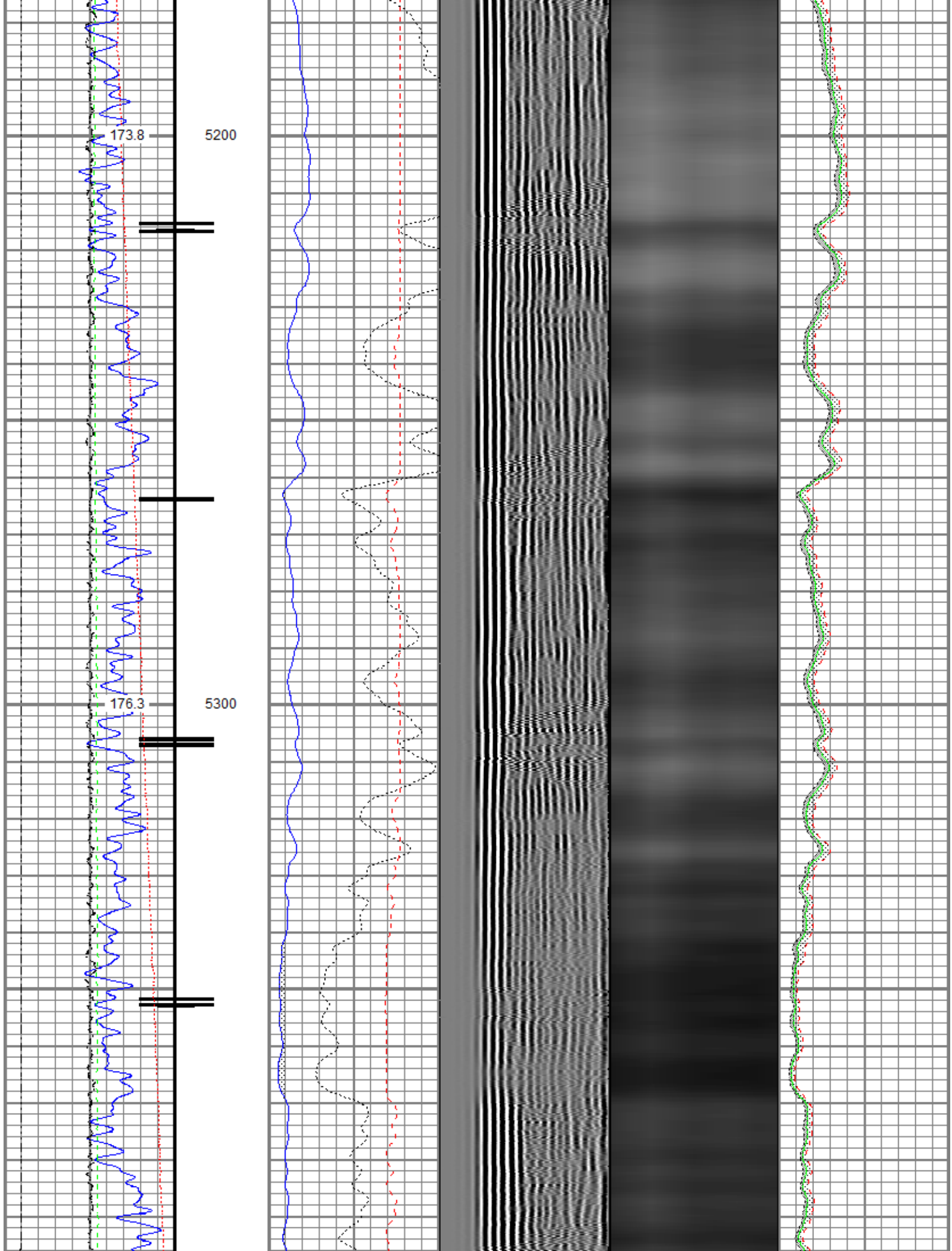


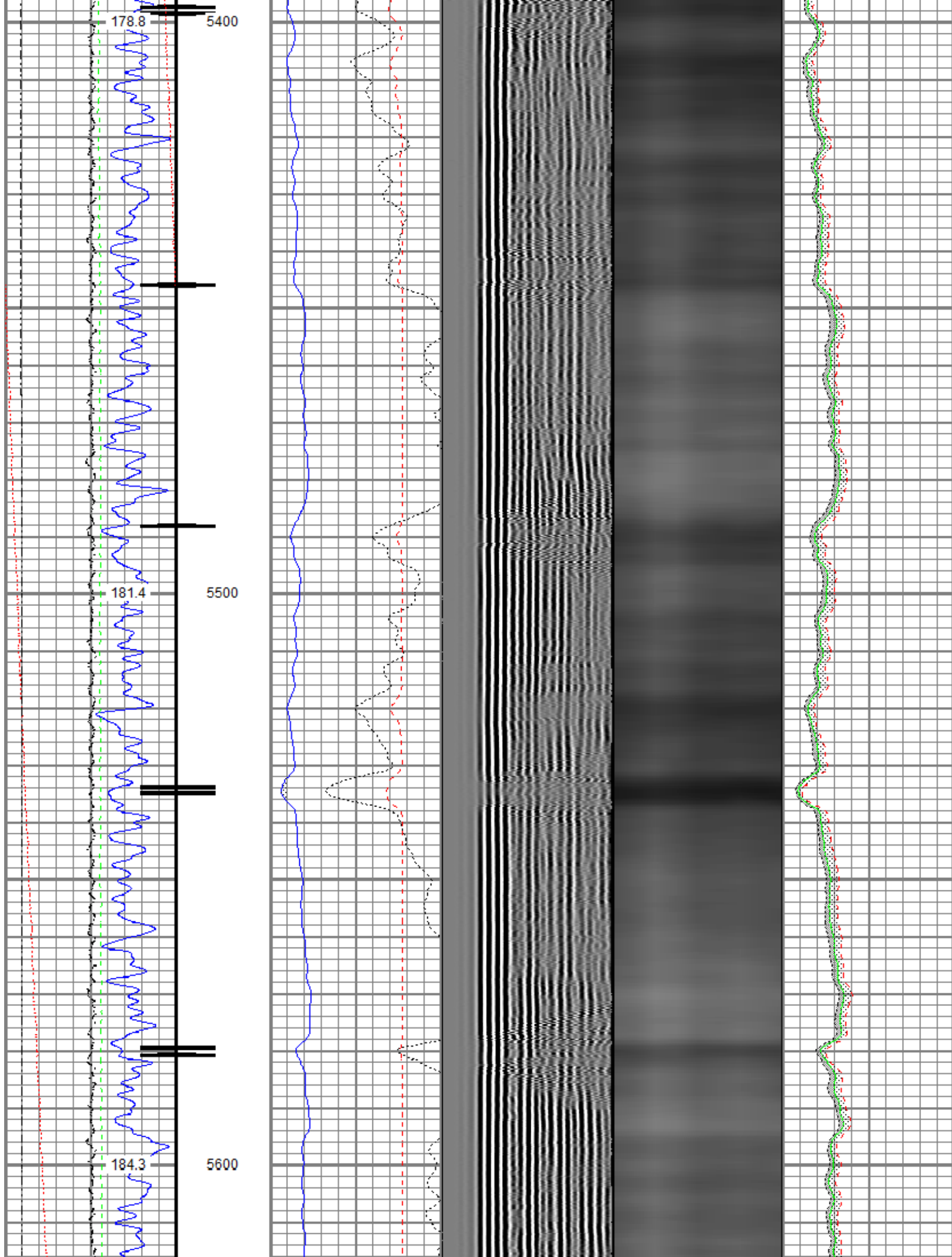


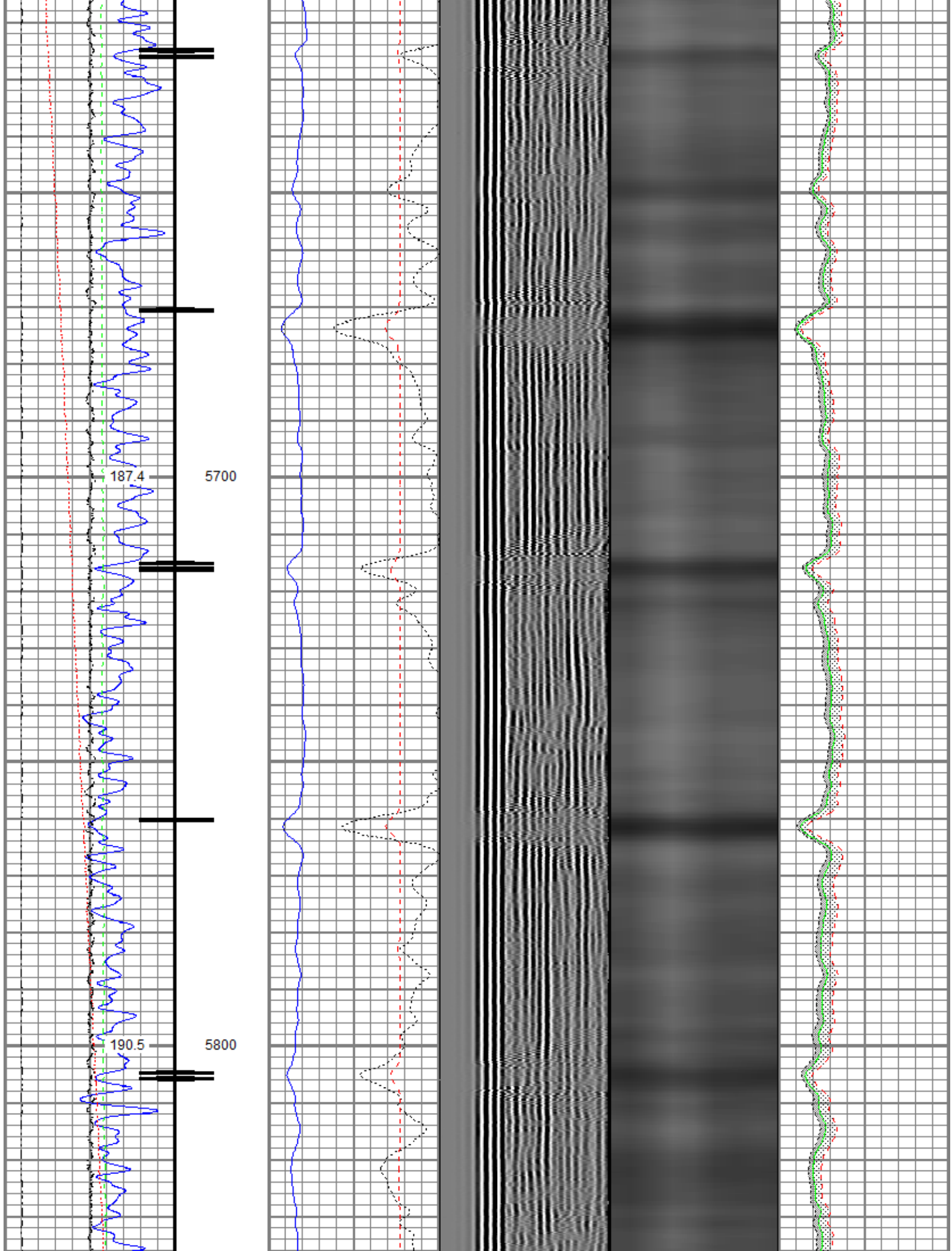


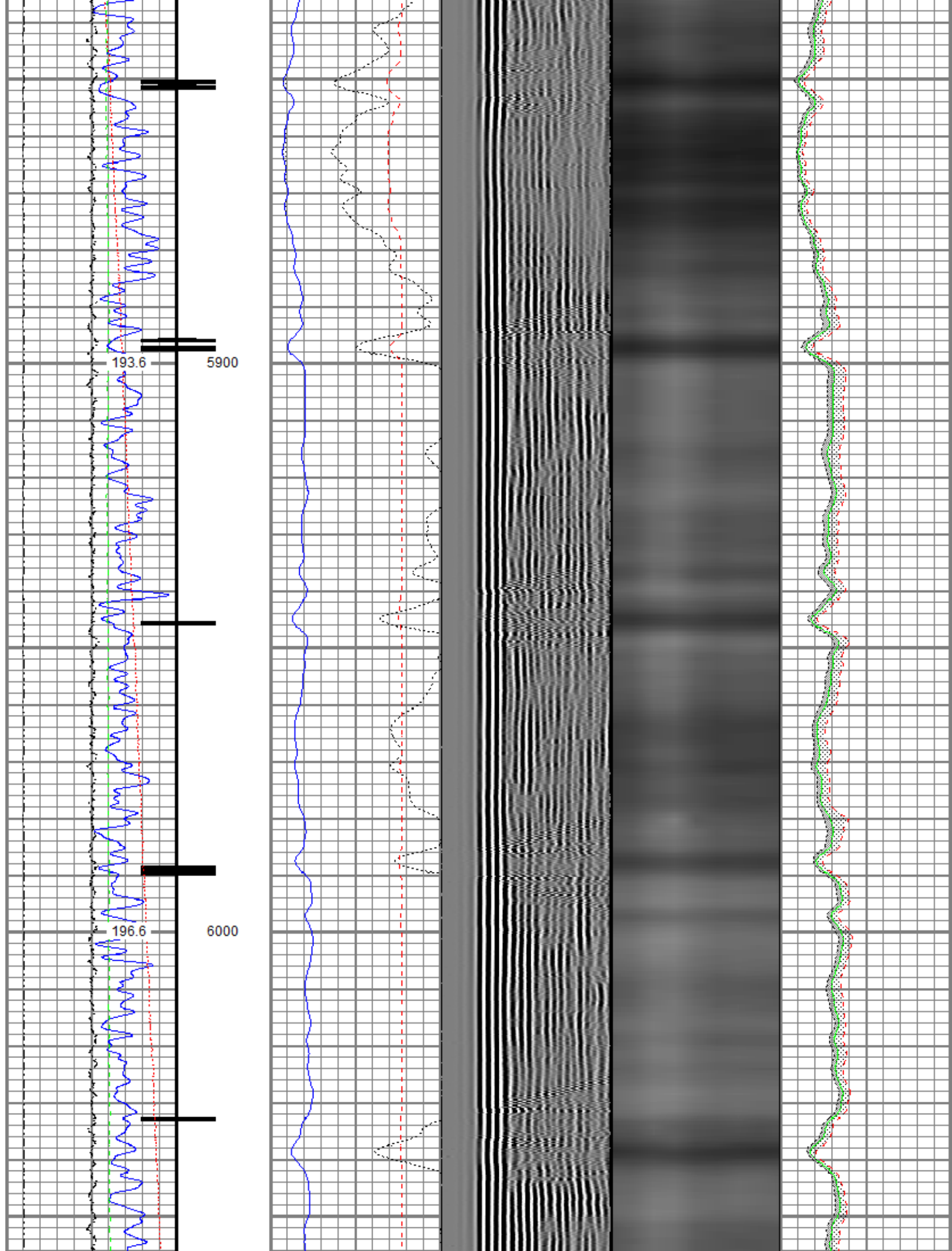




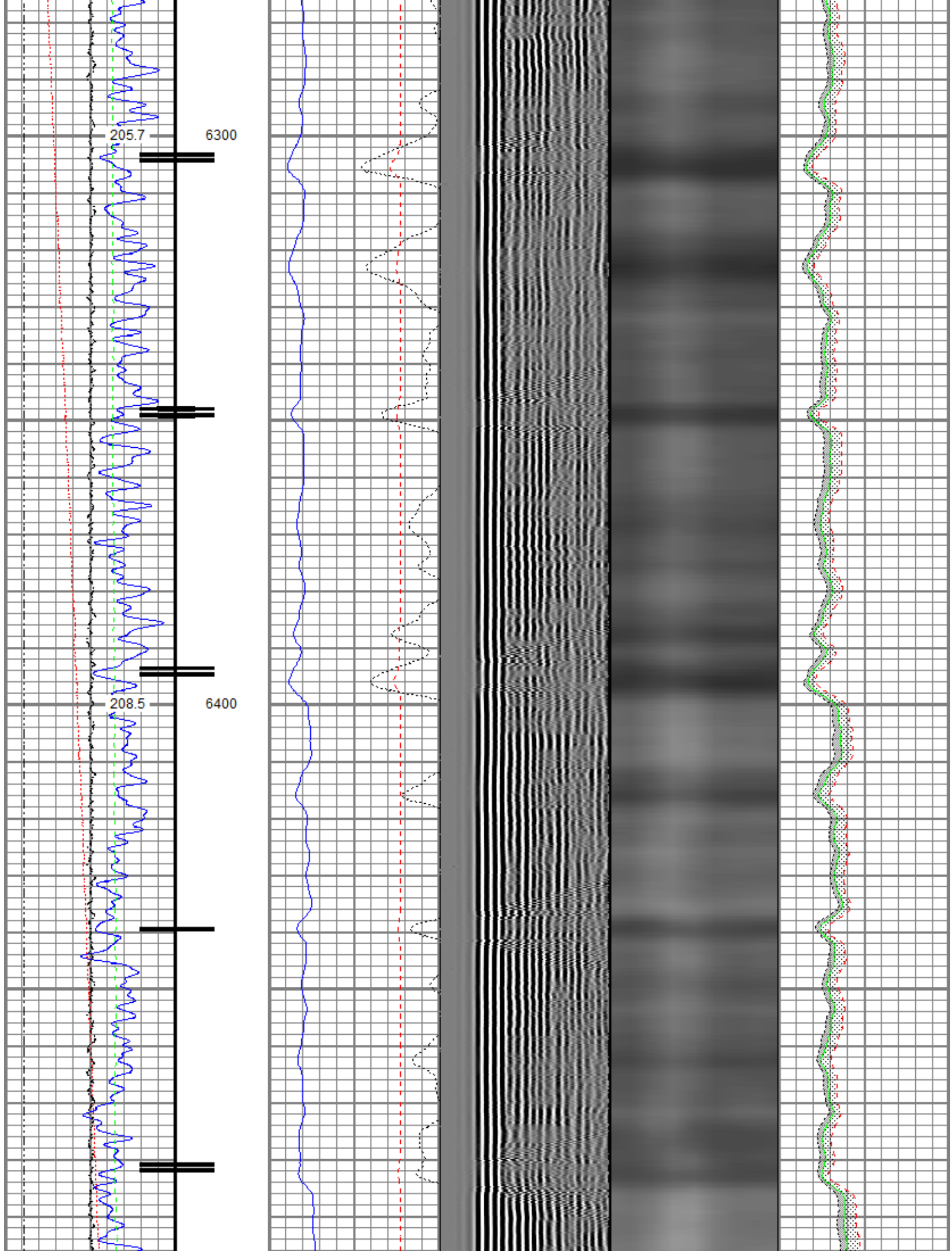


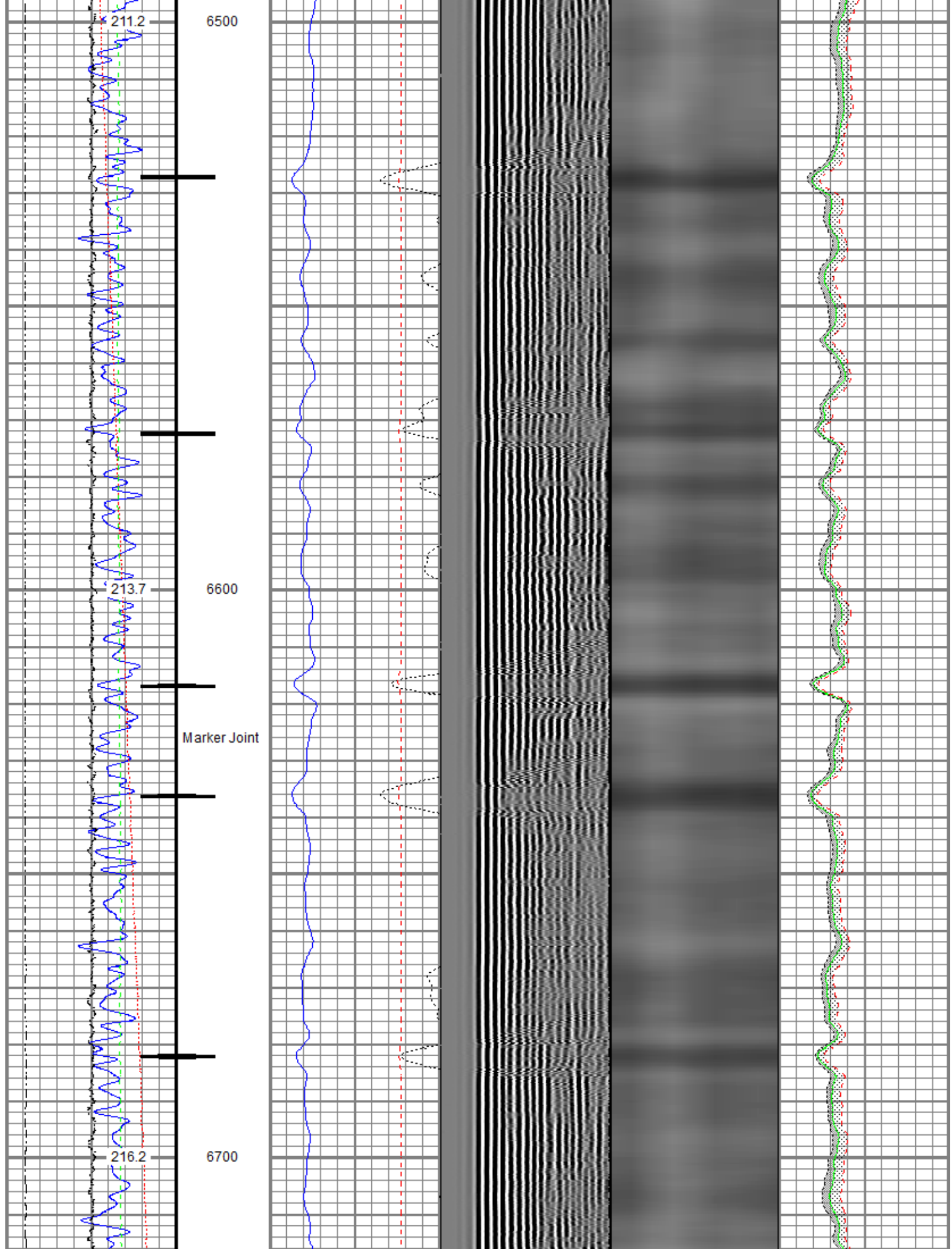


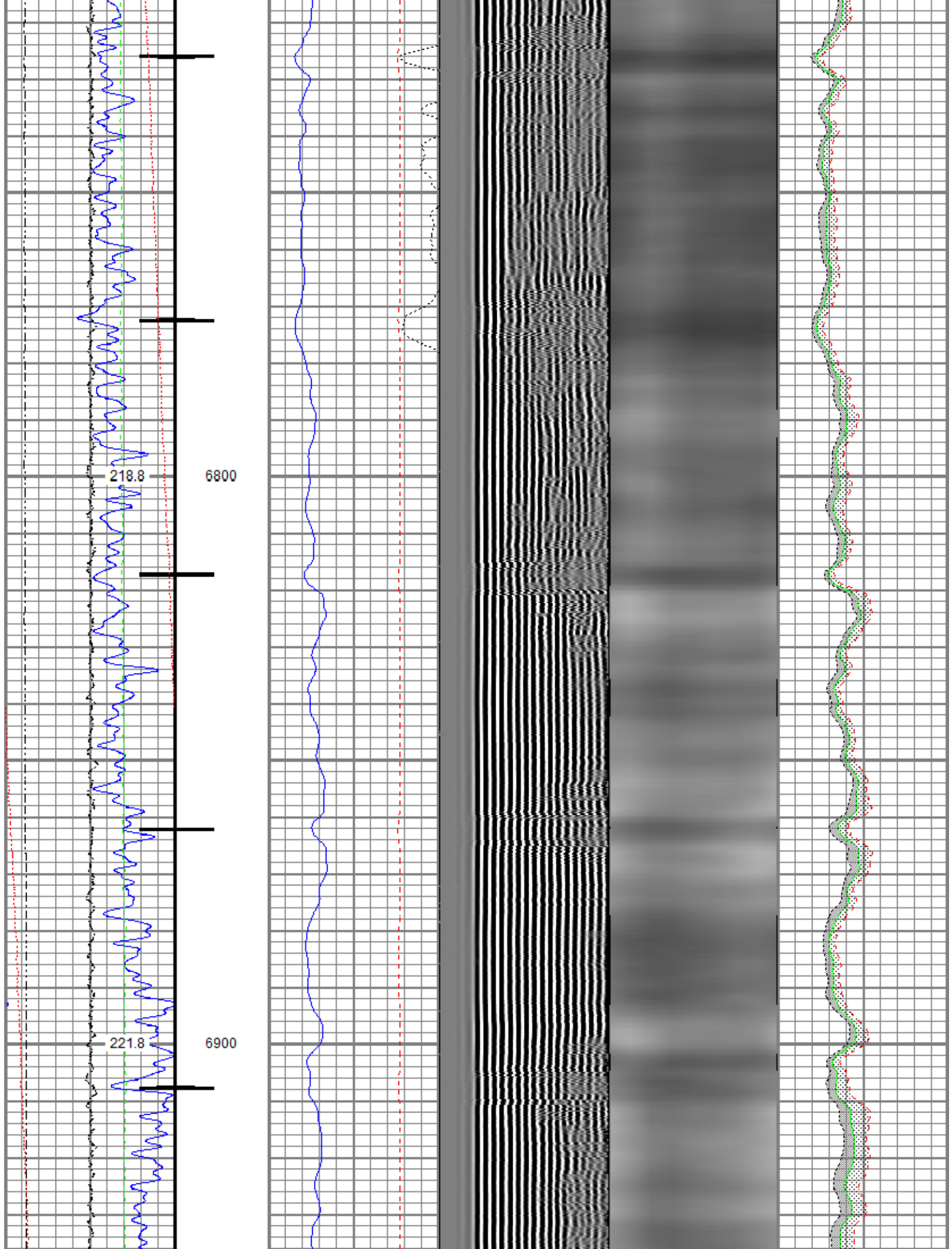


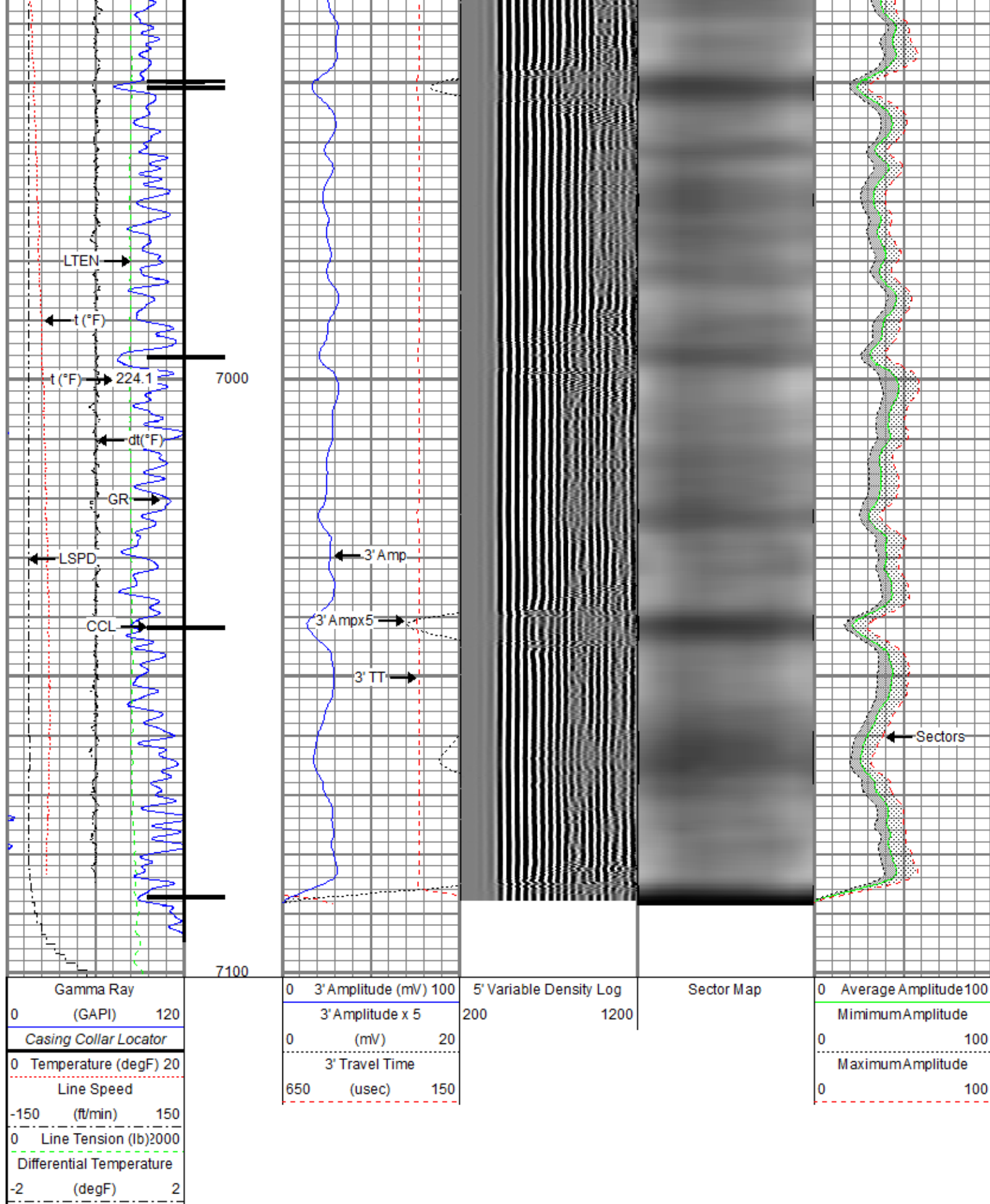








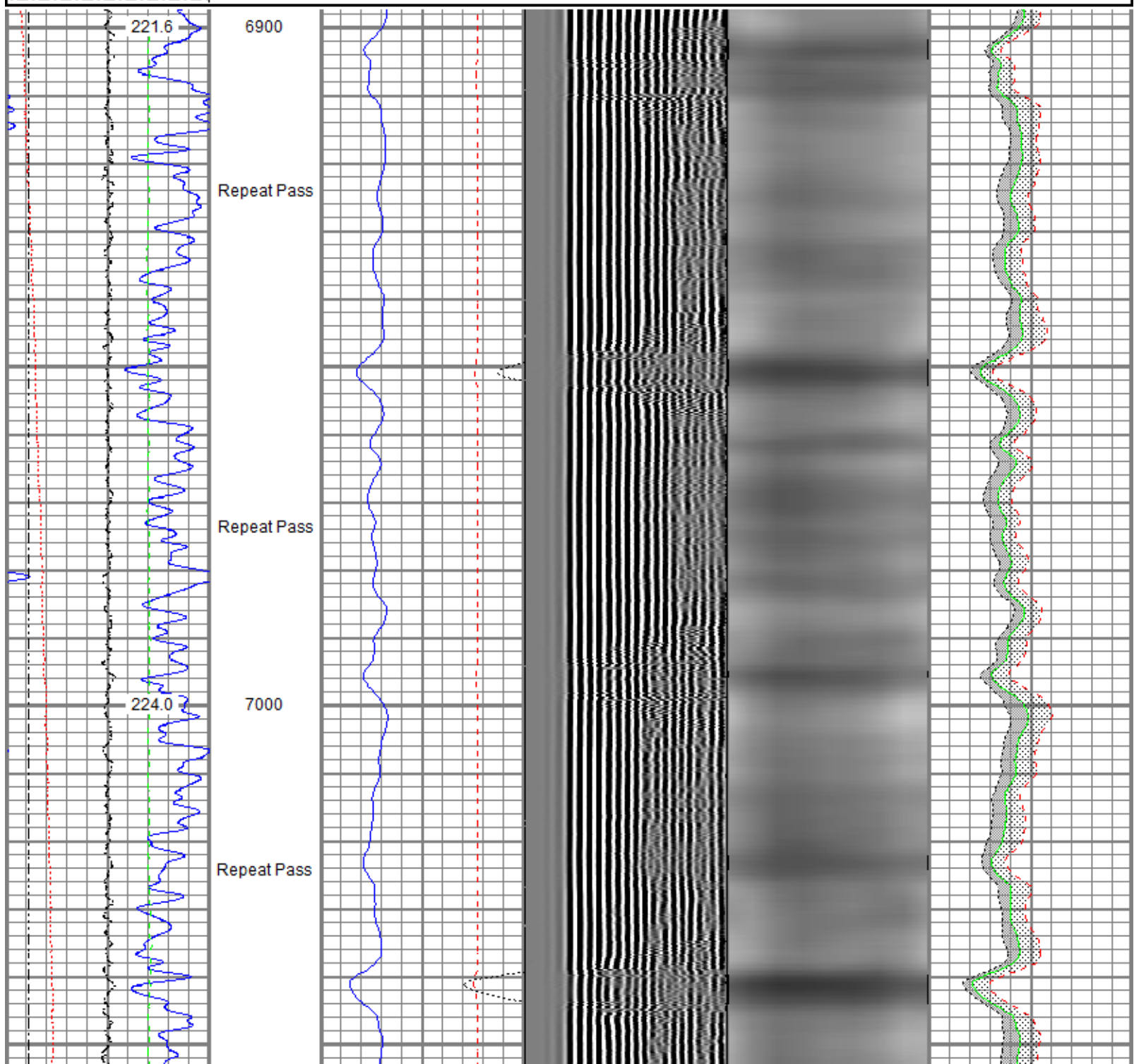


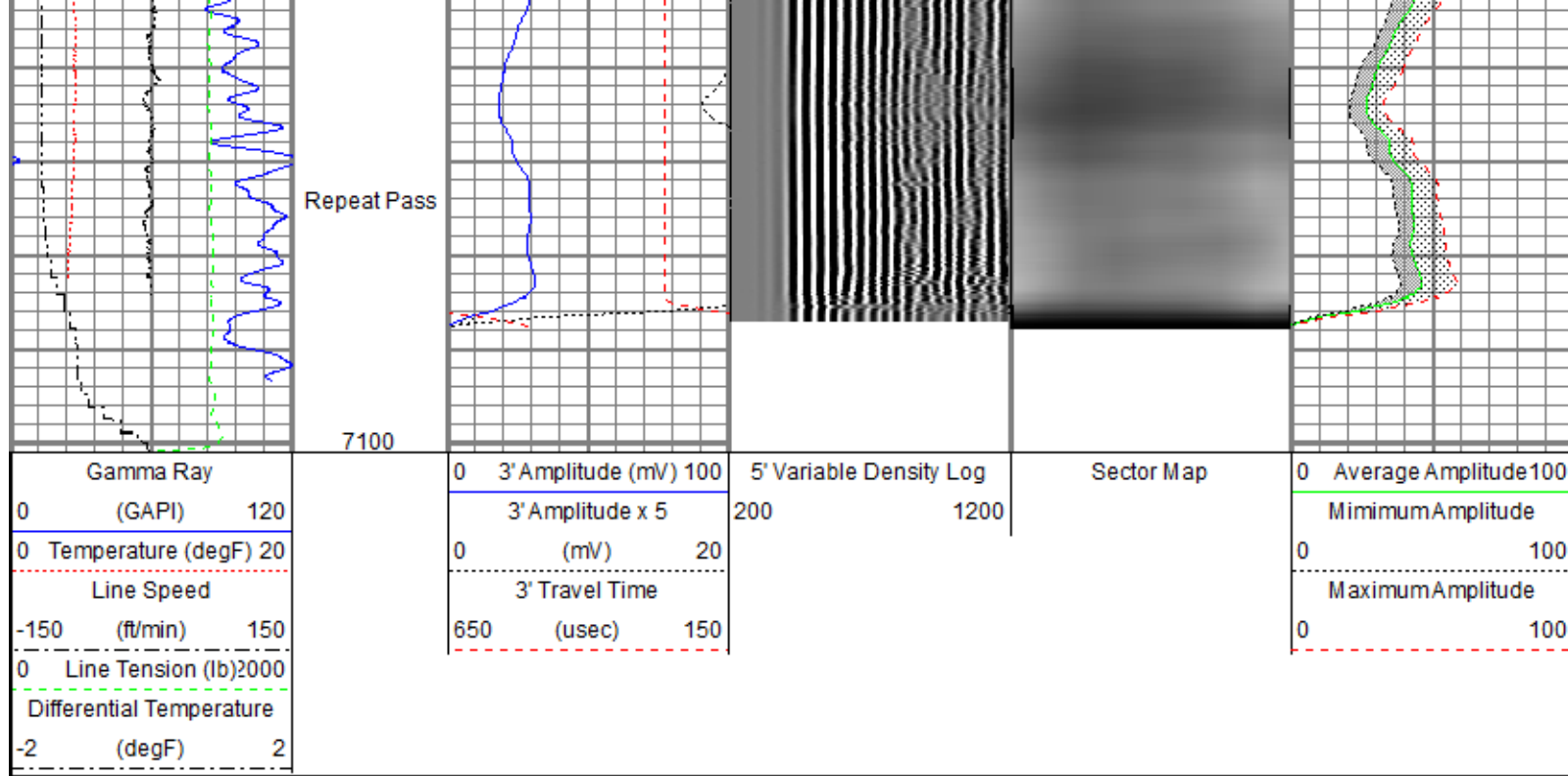


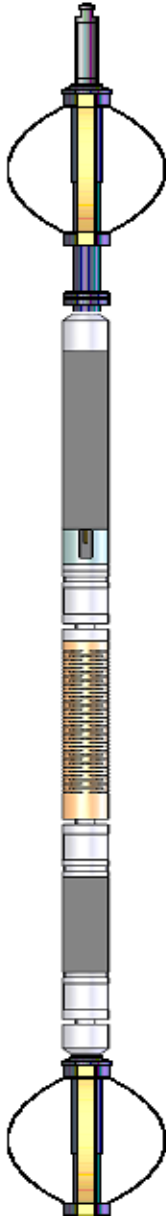
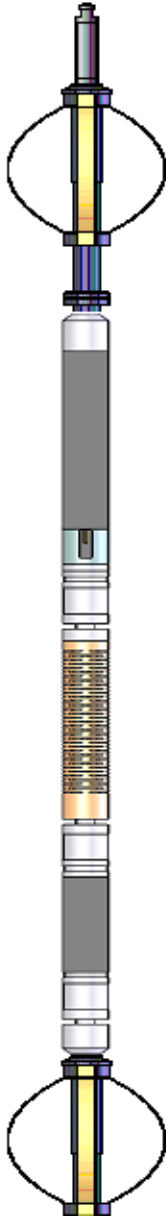
Repeat Pass


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 Presentation Format ros_radrii
 Dataset Creation Tue Oct 02 10:56:25 2018
 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	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 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
			Probe Radii-2750 RBT (FW1302-001) Probe 2-3/4" Radial Cement Bond Tool with Integral Temperature Sub	9.39	2.75	105.00
			Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
TEMP	17.04					
WVFS8	14.81					
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					
HEADVOLT	10.56					

CCL\$2	6.80		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
CCL\$1	6.80					
GR	5.46					
			Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
Dataset: PROCESSED_SRC Energy_Troudt 41C-23-M_RBL_10-02-18.db: field/well/run1/main Total length: 23.86 ft Total weight: 223.60 lb O.D.: 2.75 in						

Calibration Report	
Database File	C:\ProgramData\Warrior\Data\SRC Energy_Troudt 41C-23-M_RBL_10-02-18\PROCESSED_SRC Energy_Troudt 41C-23-M_RBL
Dataset Pathname	main
Dataset Creation	Tue Oct 02 11:00:55 2018

Gamma Ray Calibration Report			
Serial Number:	101001		
Tool Model:	2750 6PB		
Performed:	Mon Jun 18 10:09:36 2018		
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:	FW1302-001		
Tool Model:	2750 RBT		
Calibration Casing Diameter:	5.500	in	
Calibration Depth:	-24.998	ft	

Master Calibration, performed Tue Oct 02 10:13:19 2018:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.013	0.778	0.800	71.921	92.944	-0.432
CAL	0.727	0.717				
5'	0.015	0.758	0.800	71.921	95.605	-0.593
SUM						
S1	0.013	0.771	0.000	100.000	131.809	-1.656
S2	0.012	0.774	0.000	100.000	131.188	-1.579
S3	0.014	0.770	0.000	100.000	132.257	-1.810
S4	0.012	0.770	0.000	100.000	131.918	-1.638
S5	0.014	0.792	0.000	100.000	128.423	-1.725

S5	0.014	0.792	0.000	100.000	128.423	-1.733
S6	0.015	0.831	0.000	100.000	122.461	-1.780
S7	0.016	0.830	0.000	100.000	122.894	-2.012
S8	0.012	0.814	0.000	100.000	124.759	-1.552

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.727	0.717	1.000	0.000

Air Zero Calibration, performed Tue Oct 02 10:12:48 2018:

	Raw (v)		Calibrated (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	
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: FW1302-001
Tool Model: 2750 RBT
Performed: Sun Nov 12 13:24:58 2017

	Reference	Reading
Low Reference:	100.00 degF	107.47 degF
High Reference:	350.00 degF	404.08 degF

Gain: 0.84
Offset: 9.42
Delta Spacing: 1



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