

Well JDB 15-6HZ

County Weld State Colorado

SEC 15 TWP 1N RGE 66W

um	Ground Level	Elevation	5153
From	Ground Level	0 FT	

red From Kelly Bushing

Other Services	
JBGR	
RBP	
Elevation	

K.B.	5170°
D.F.	---
G.L.	5153°

Date	02-AUG-2019
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Run Number	13ree
Depth Driller	14373 FT

Bottom Logged Interval	7720 FT
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Top Log Hinge Val	Coll Race
Open Hole Size	7.875"

Type / Unit	Water
Density / Viscosity	8.34 lb/gal

max. Recorded Temp.	213 F
Estimated Cement Top	See Log

Time Well Ready	ROA
Time Logger on Bottom	6:45

Equipment Number	HL-361
Location	Platteville, CO

Recorded By	G. Lueck
Witnessed By	J. McMillan

Borehole Record		
Run Number	Bit	From To

Casing Record	Size (in)	Wgt (lbs/ft)
Surface Casing	9 5/8	36

intermediate #1	5 1/2	1/	
intermediate #2			

liner			
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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.

Comments

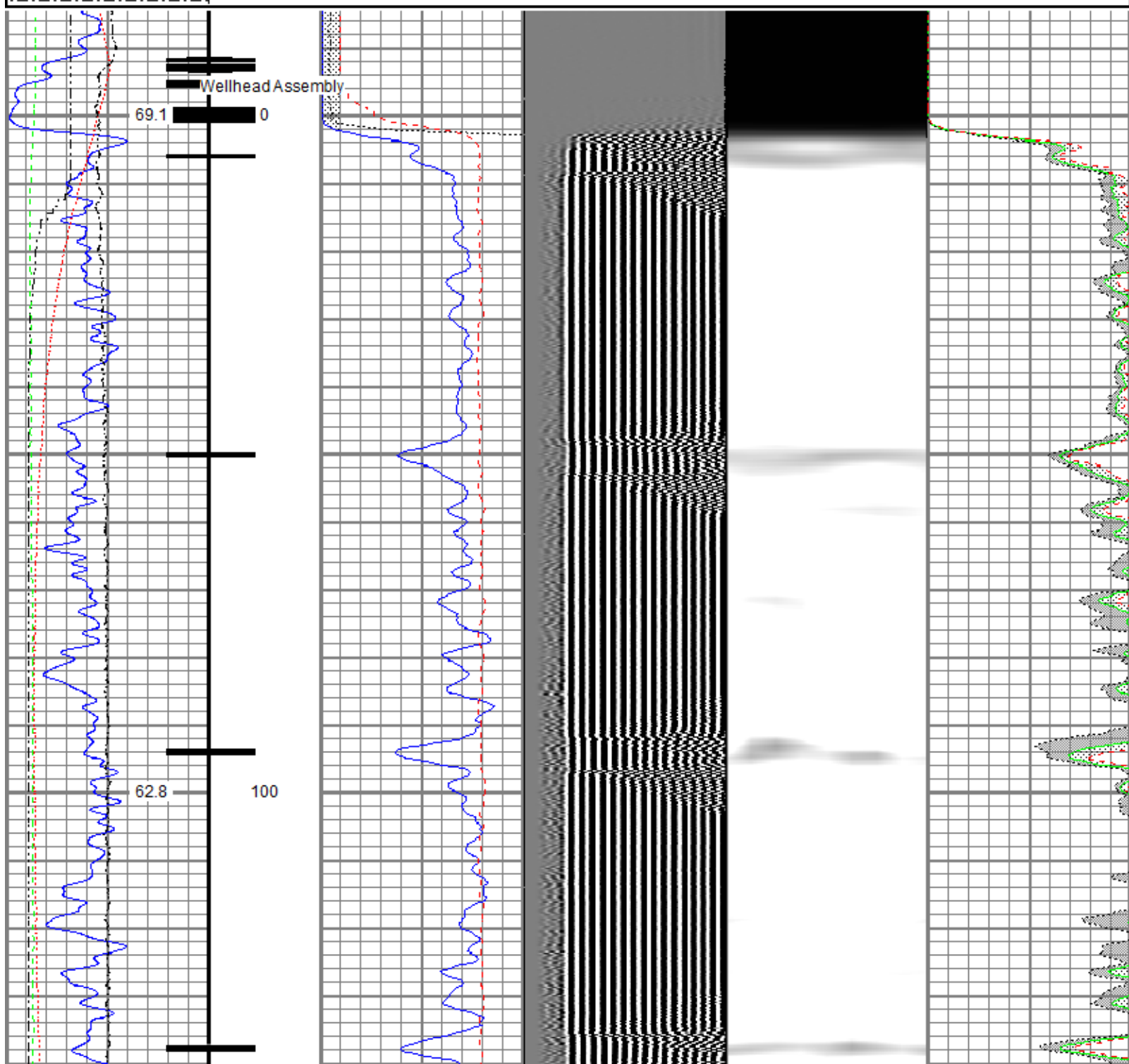
Log ran as per customer request
Depth referenced to Casing Tally reported Marker Joint at 7676 FT
Adjusted -1 FT to correlate with Marker Joint
Gauge Ring/Junk Basket ran to 8605 FT
Retrievable Bridge Plug set at 7766 FT
Log ran with 0 PSI Surface Induced Pressure
Logging tools were clean and free of debris upon completion of operations

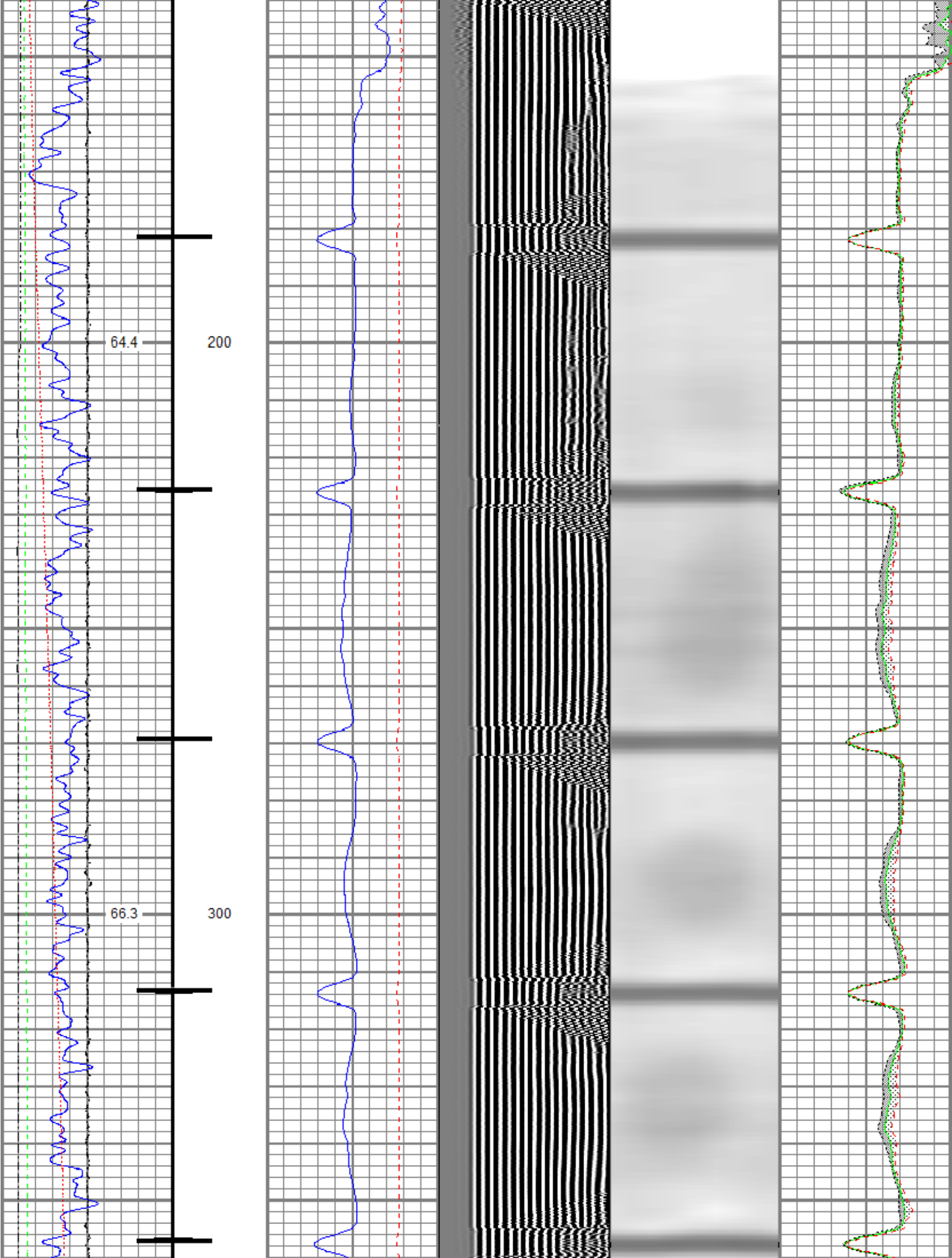
Thank you for choosing Reliance Oilfield Services, LLC!!

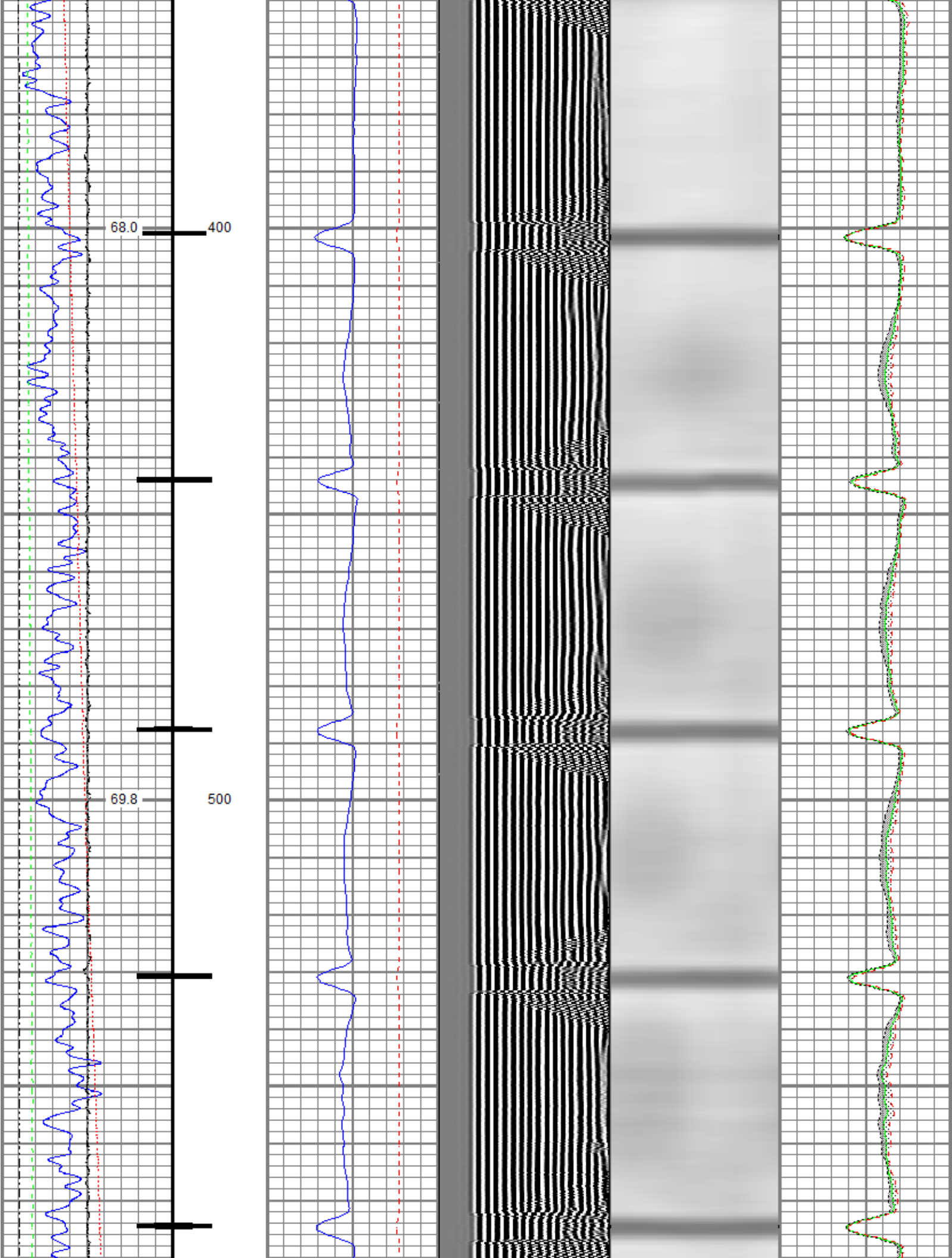
Main Pass

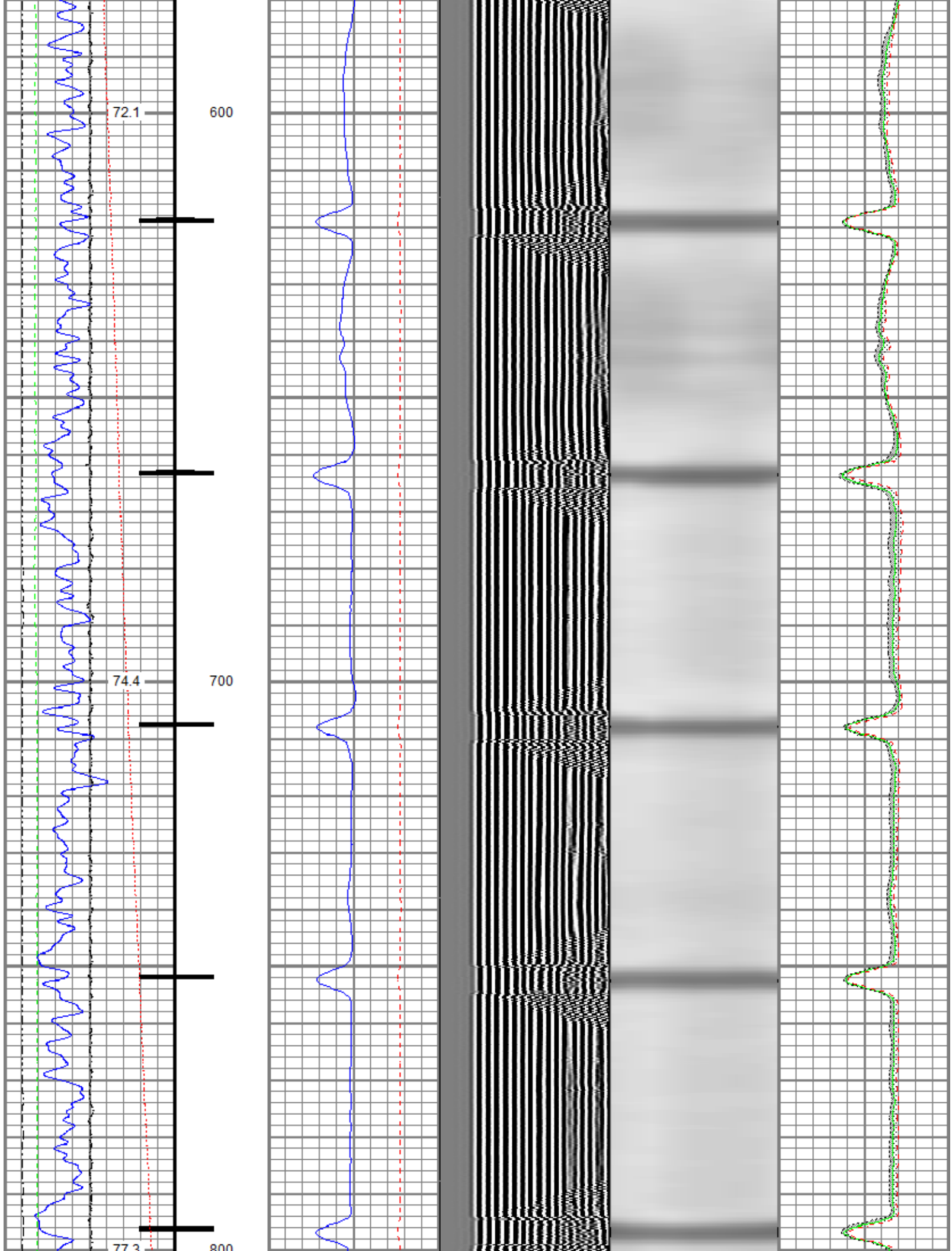
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Presentation Format	ros_radri
Dataset Creation	Sat Aug 03 10:50:25 2019
Charted by	Depth in Feet scaled 1:240

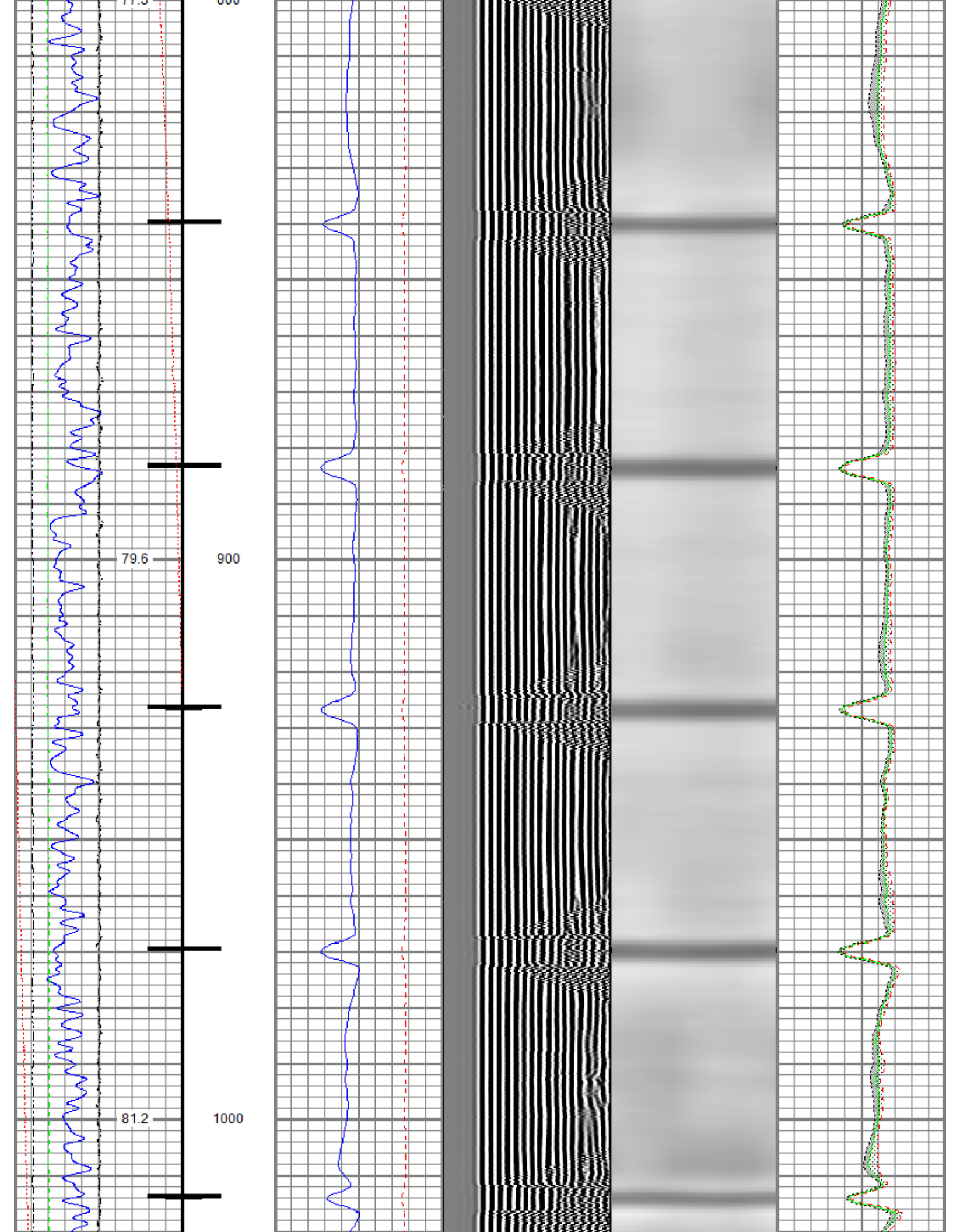
Gamma Ray	0	3' Amplitude (mV) 100	5' Variable Density Log	Sector Map	0	Average Amplitude 100
(GAPI) 120		3' Amplitude x 5	200 (usec) 1200			Minimum Amplitude
Casing Collar Locator	0	(mV) 20			0	100
0 Temperature (degF) 20		3' Travel Time				Maximum Amplitude
Line Speed	650	(usec) 150			0	100
-150 (ft/min)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

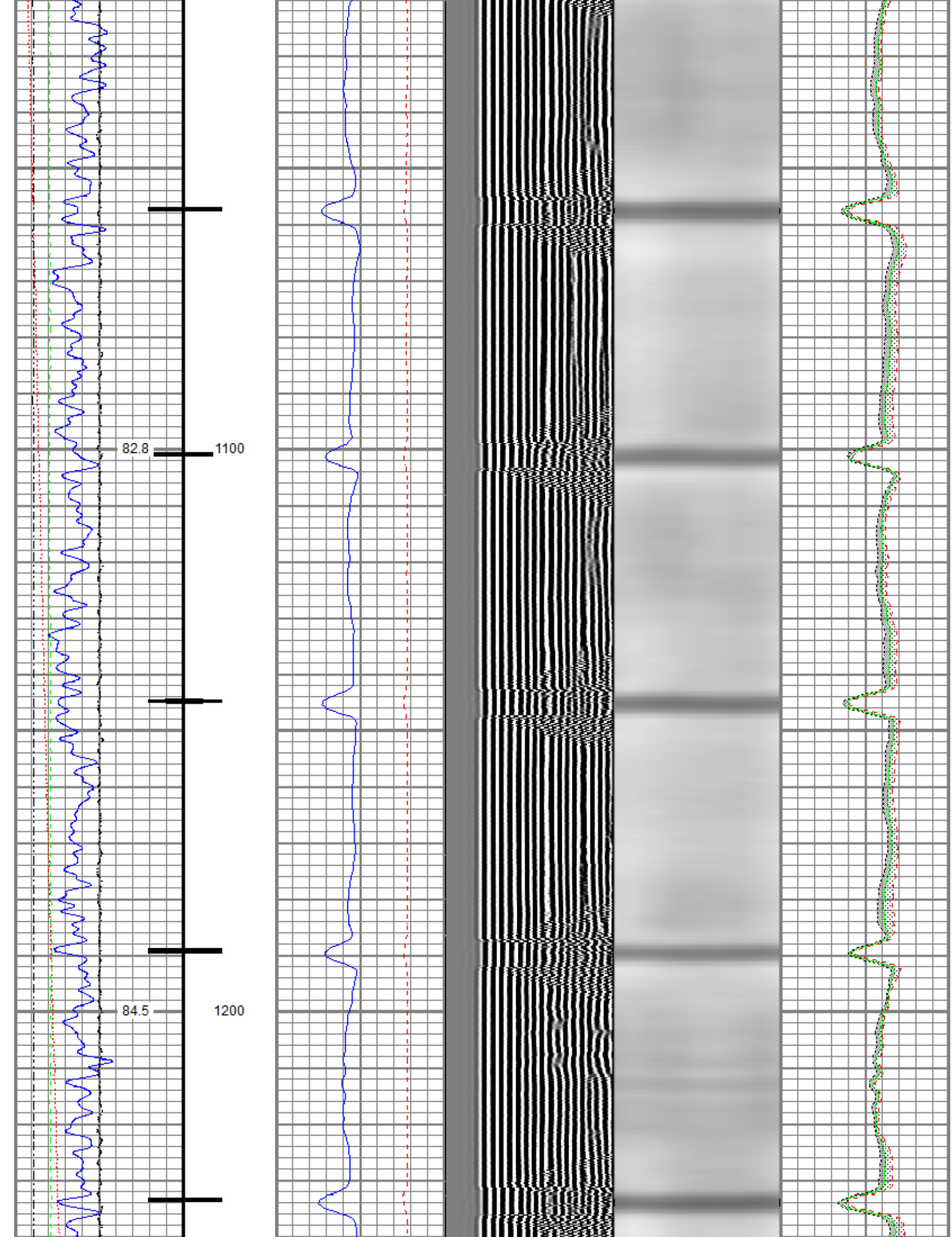


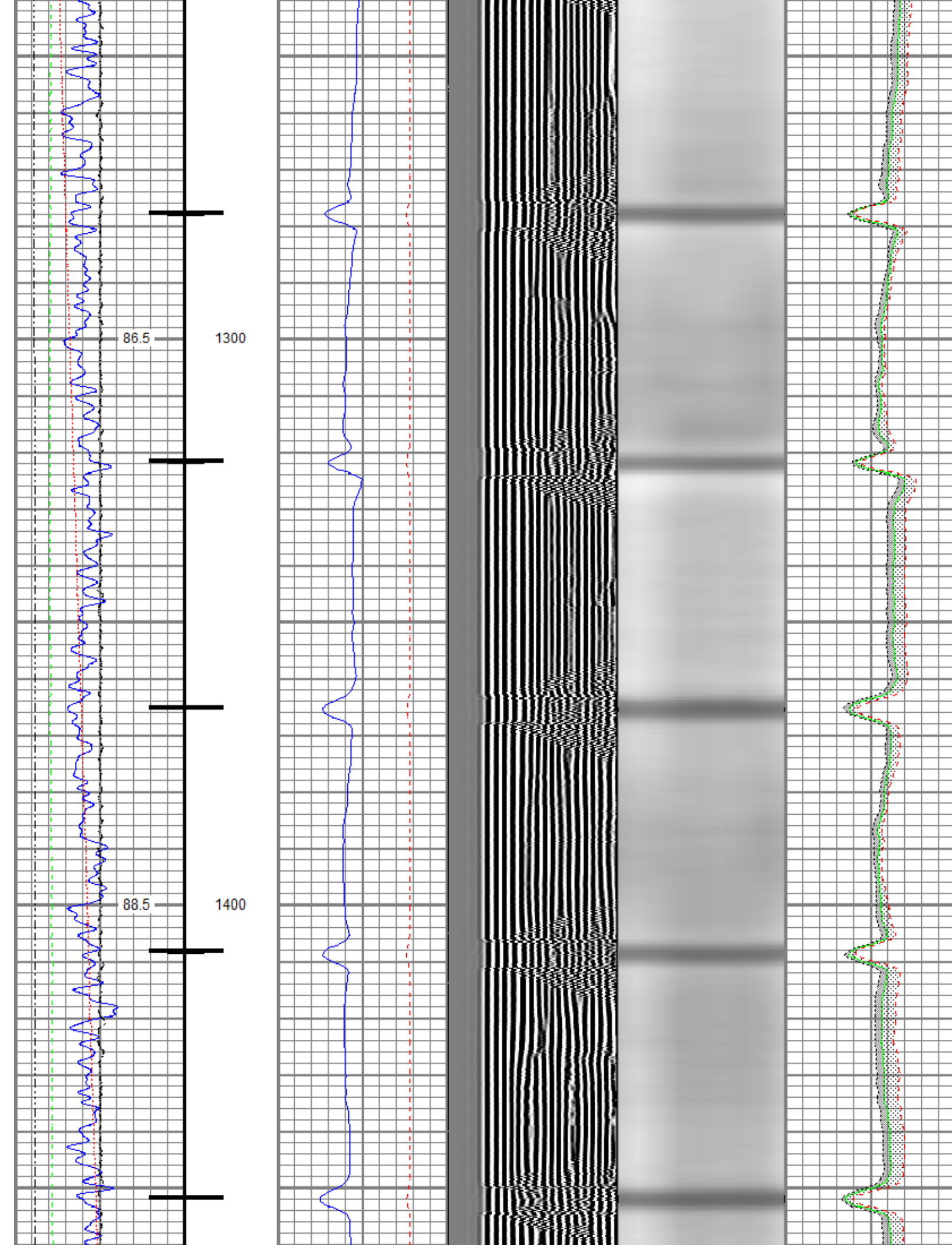


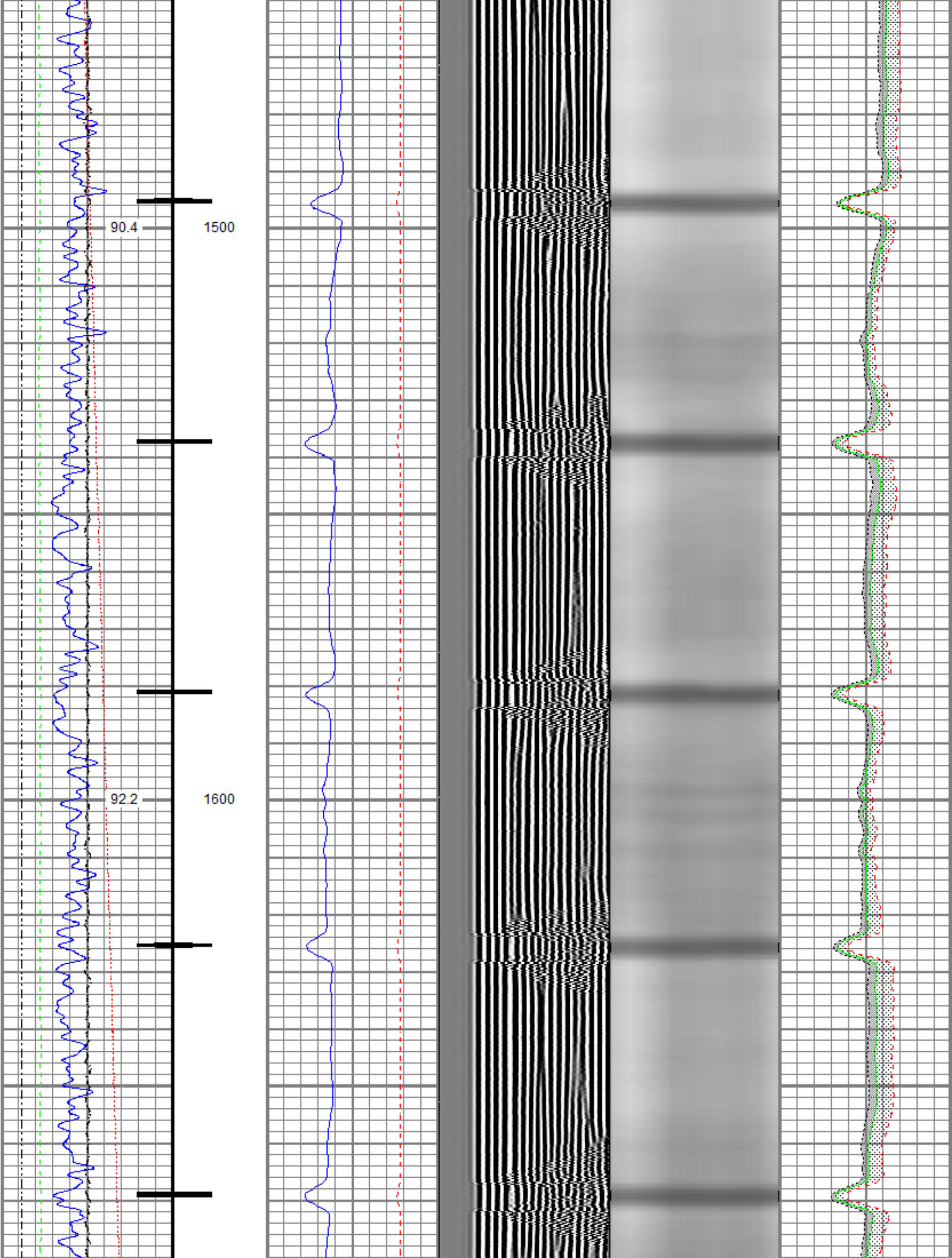


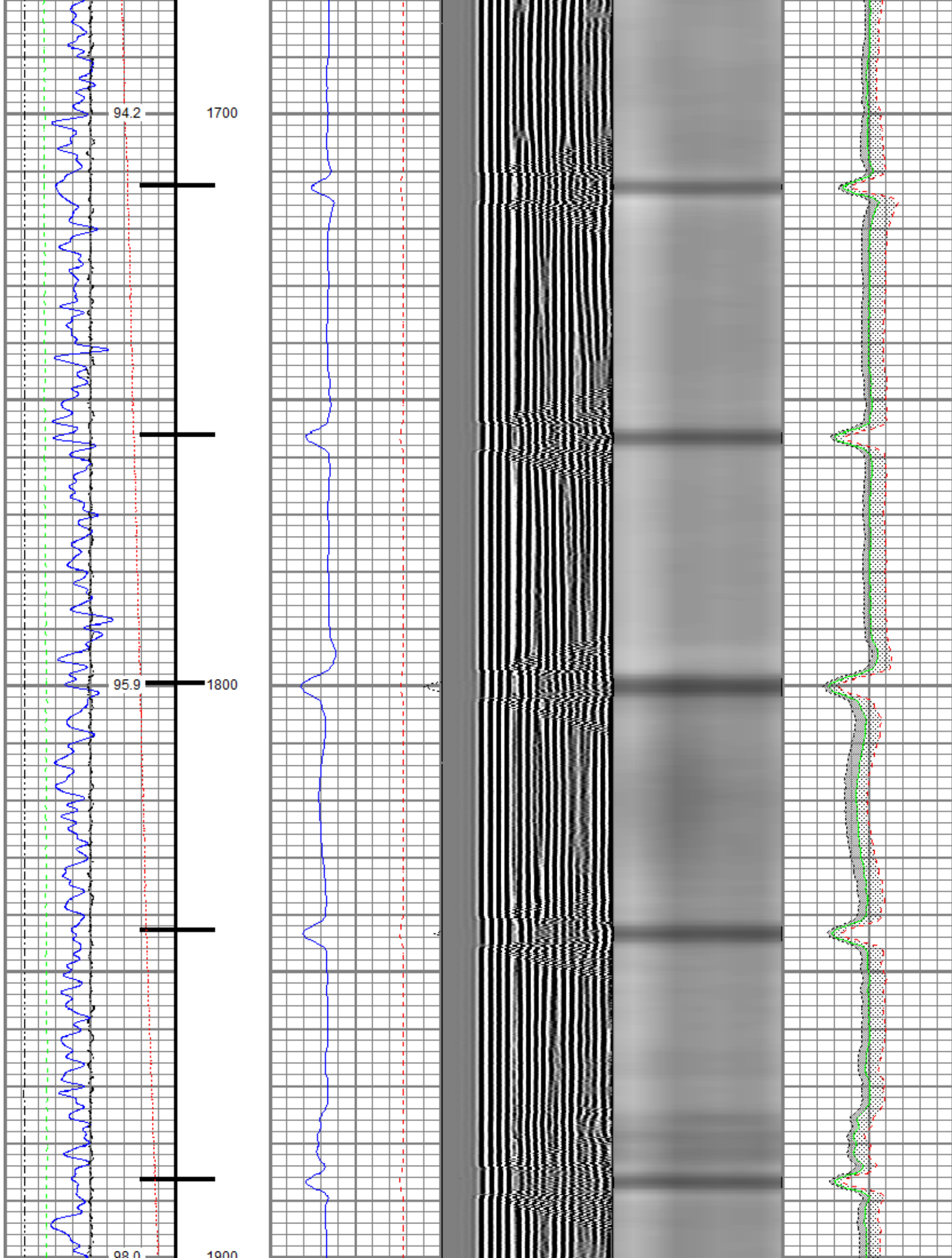


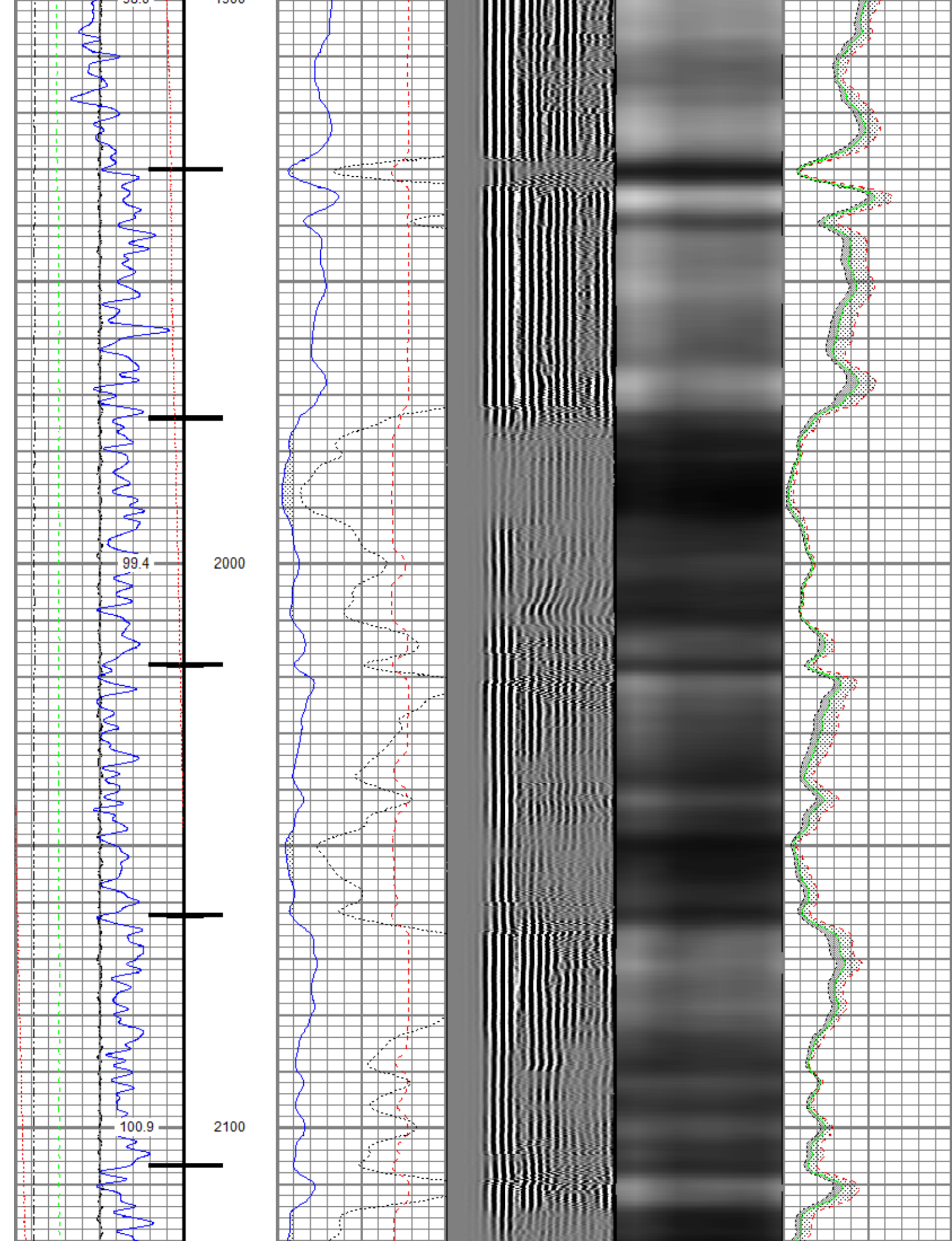


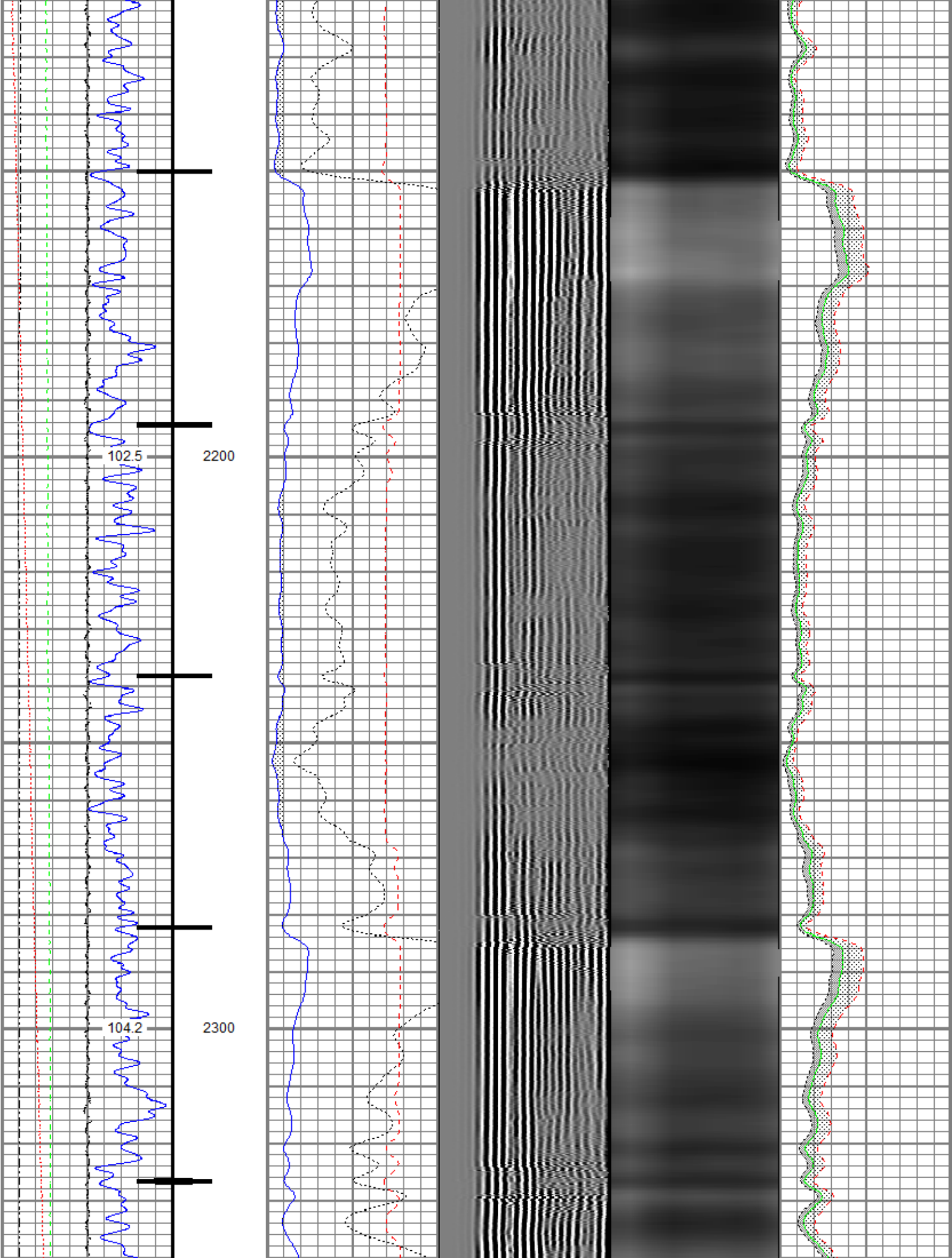


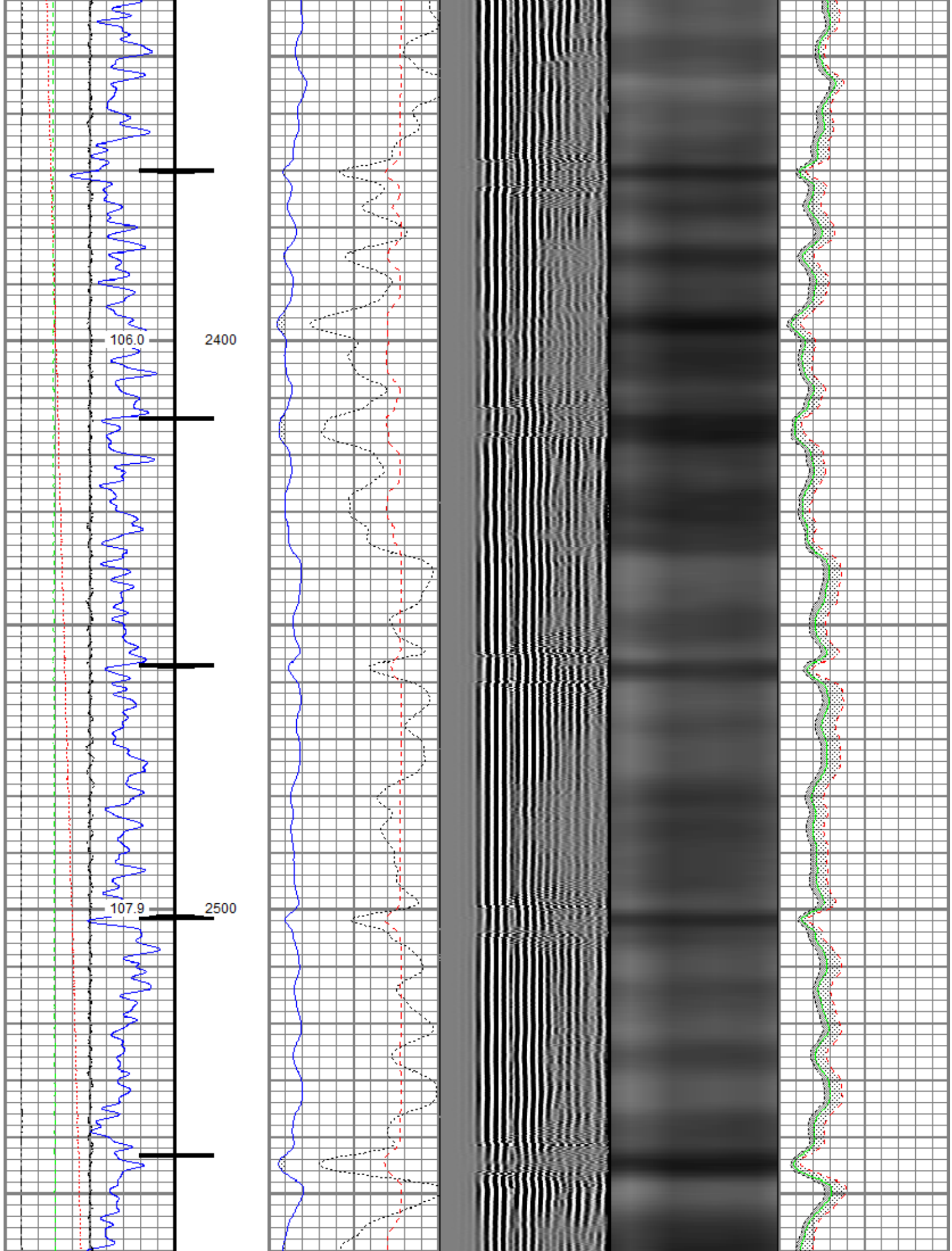


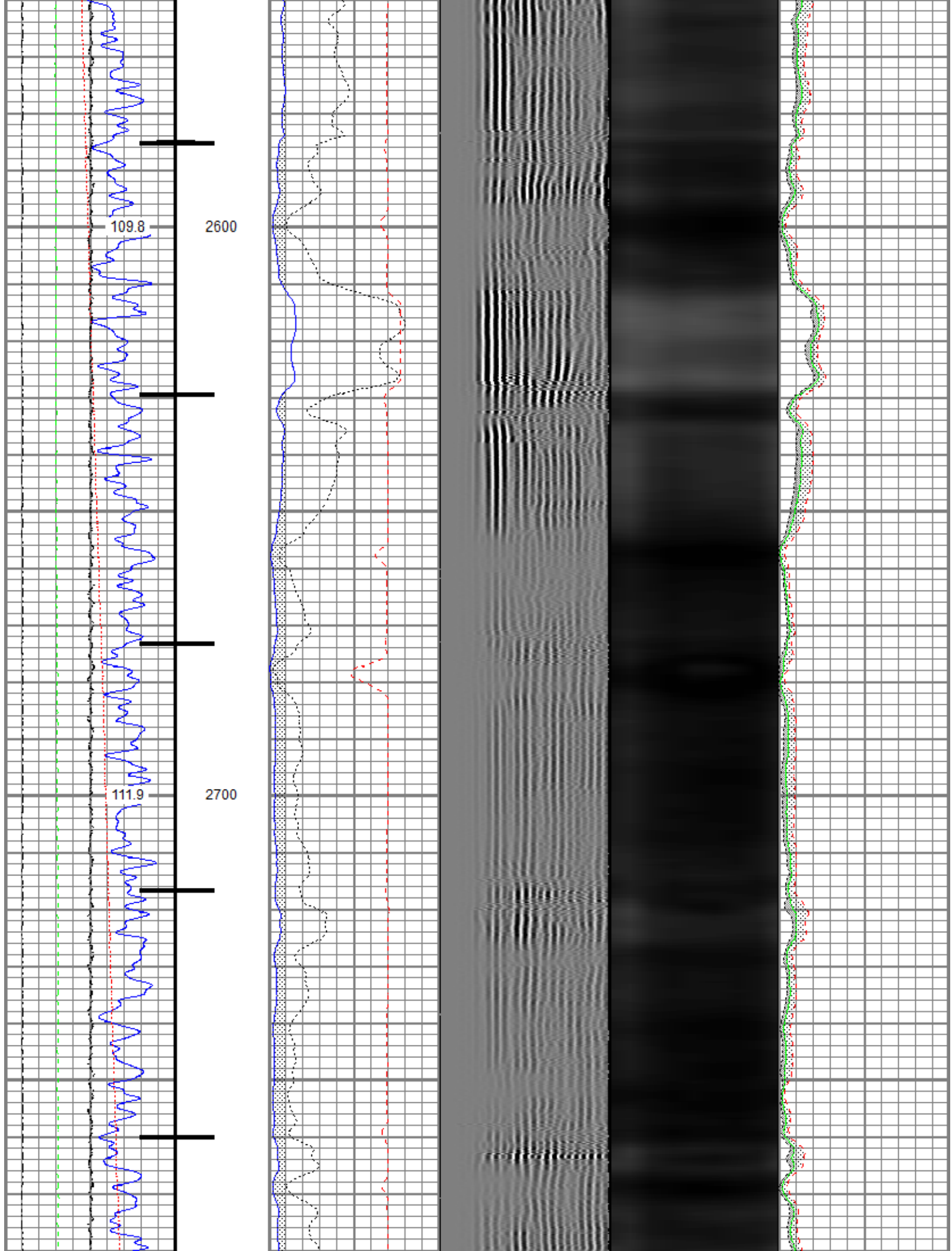


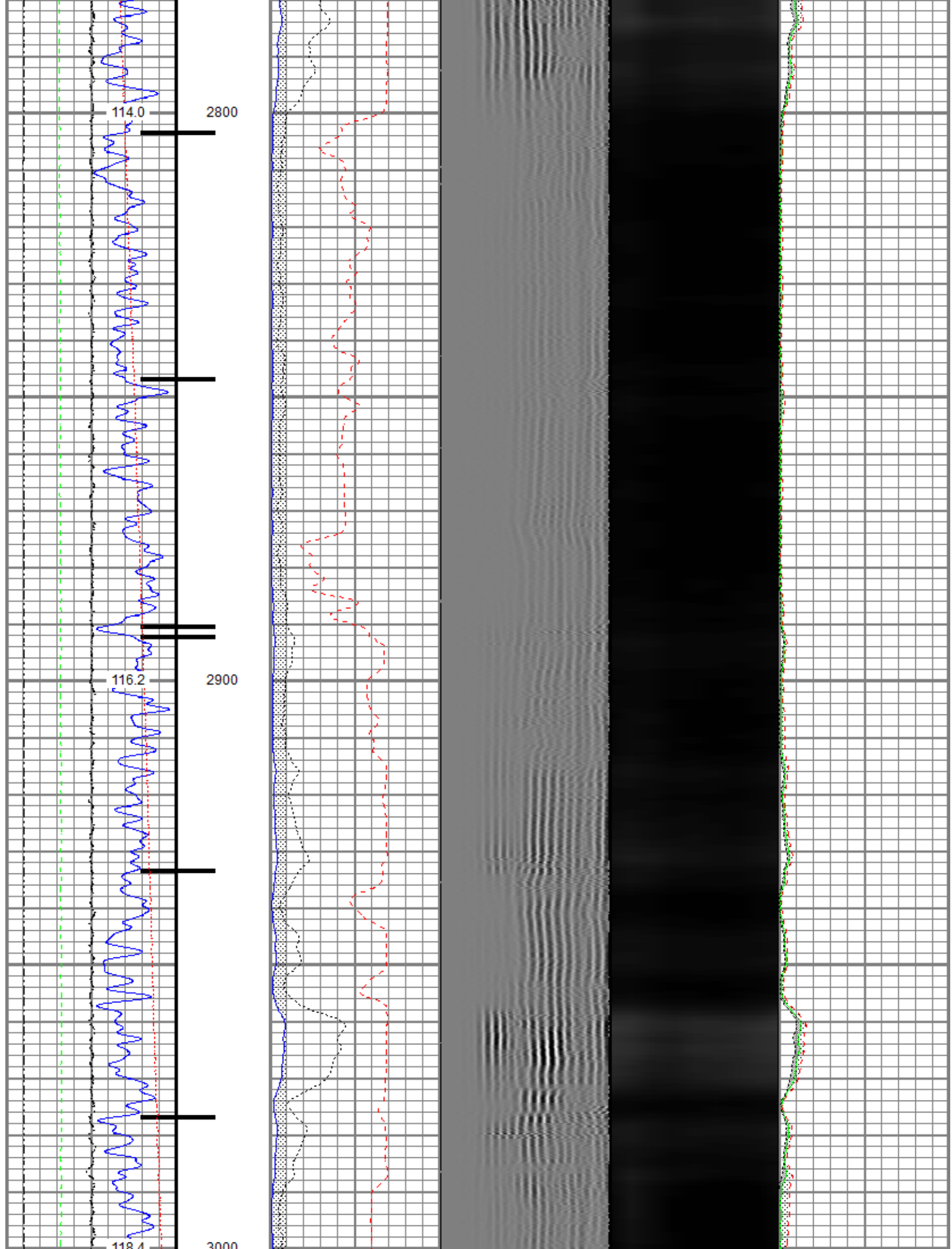


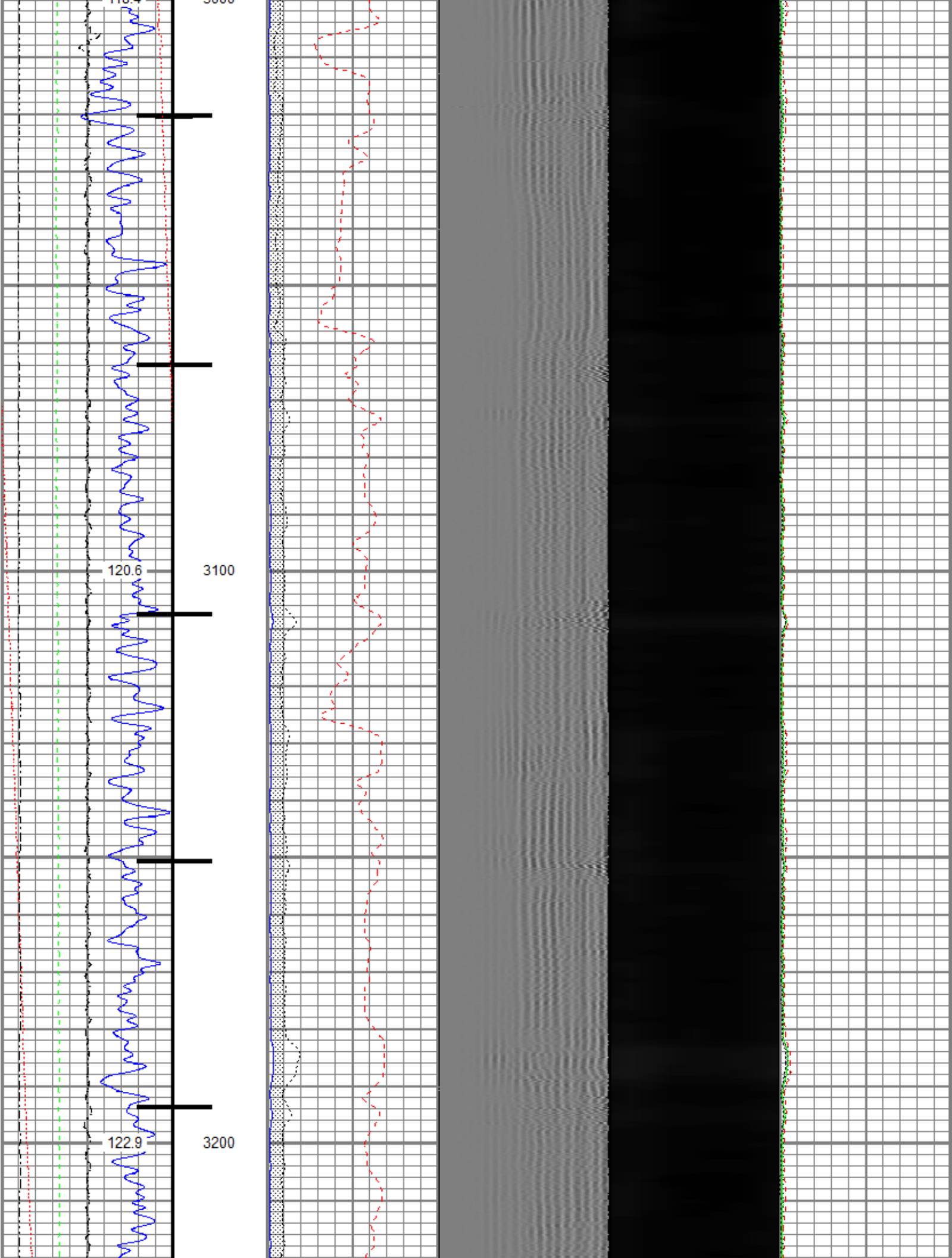


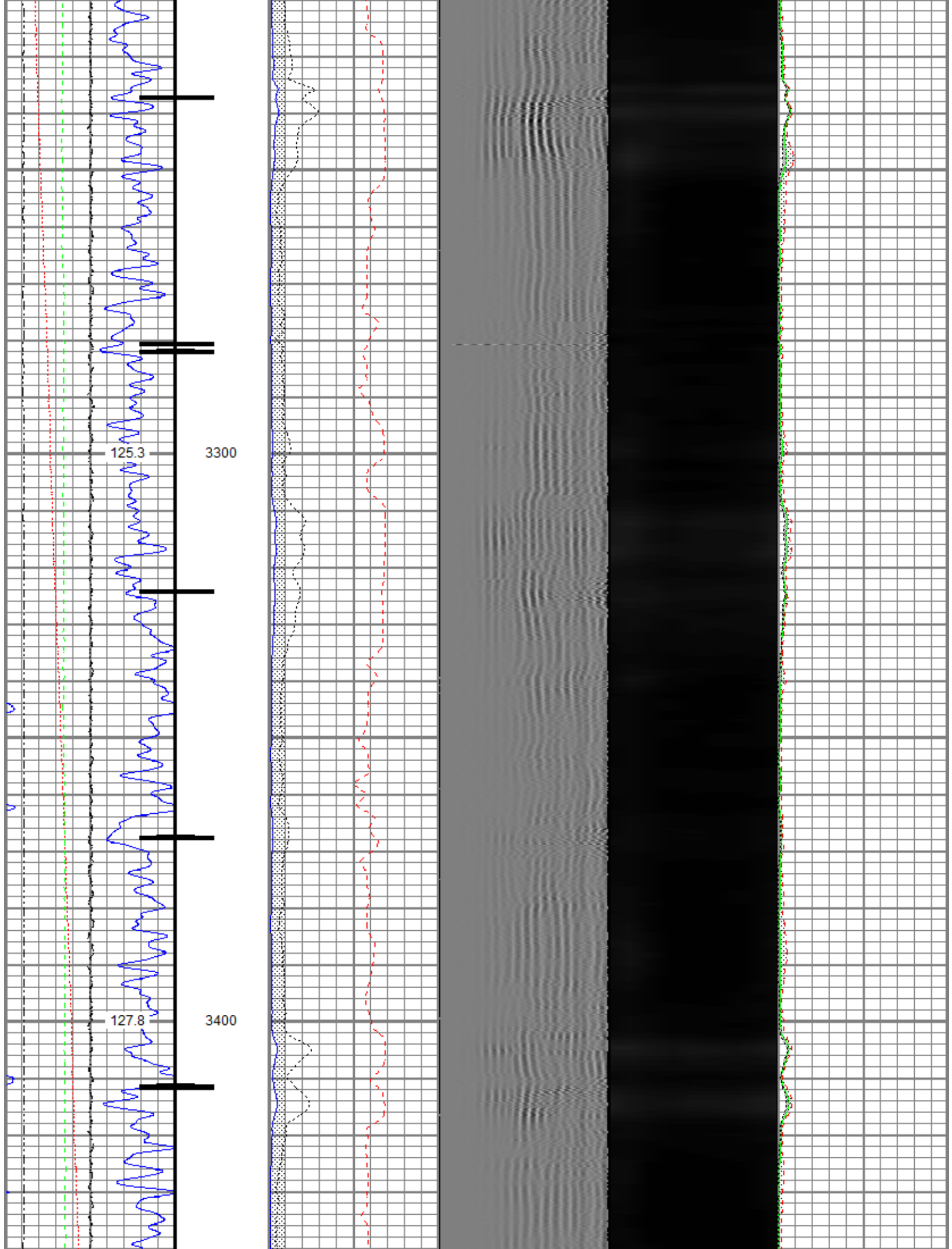


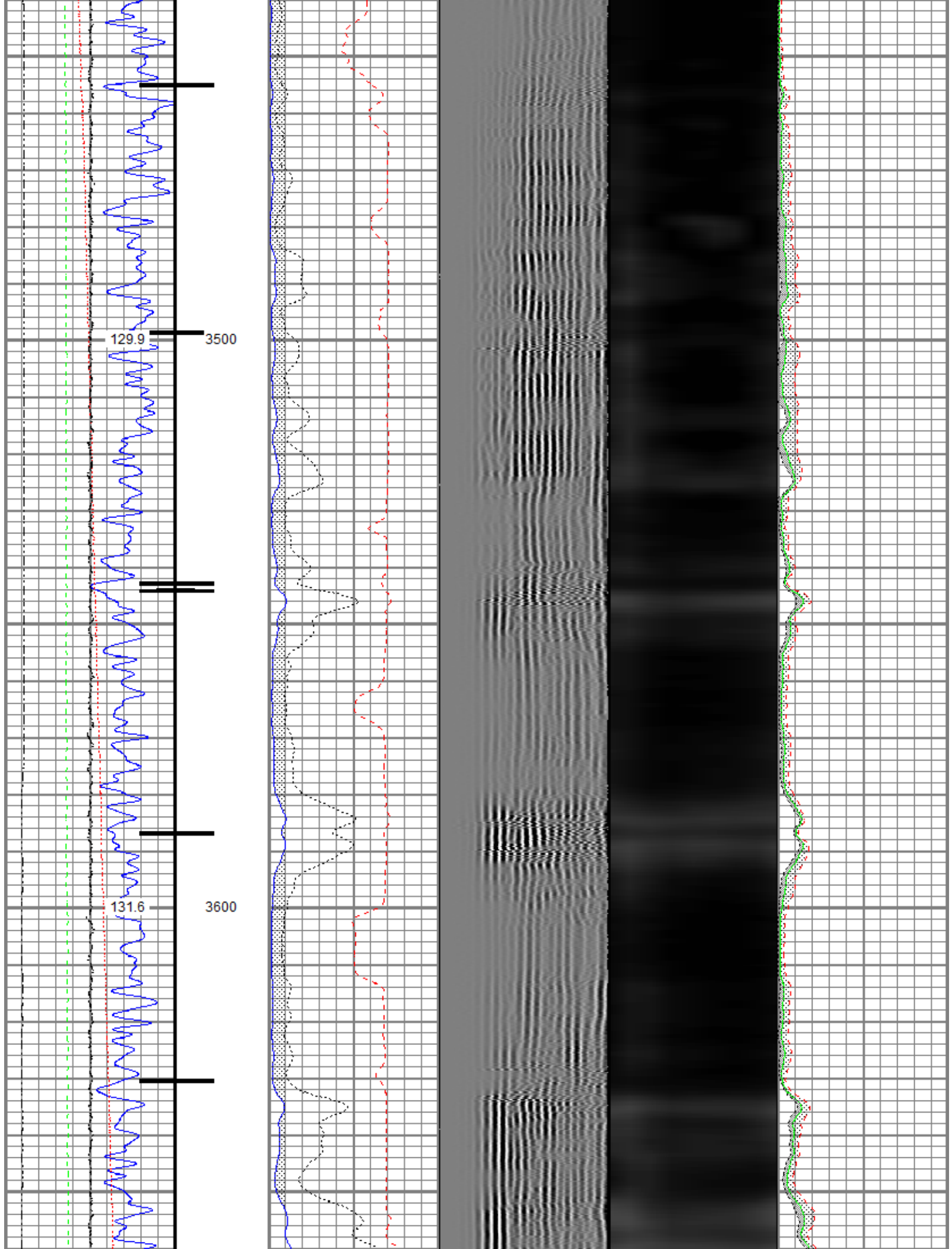


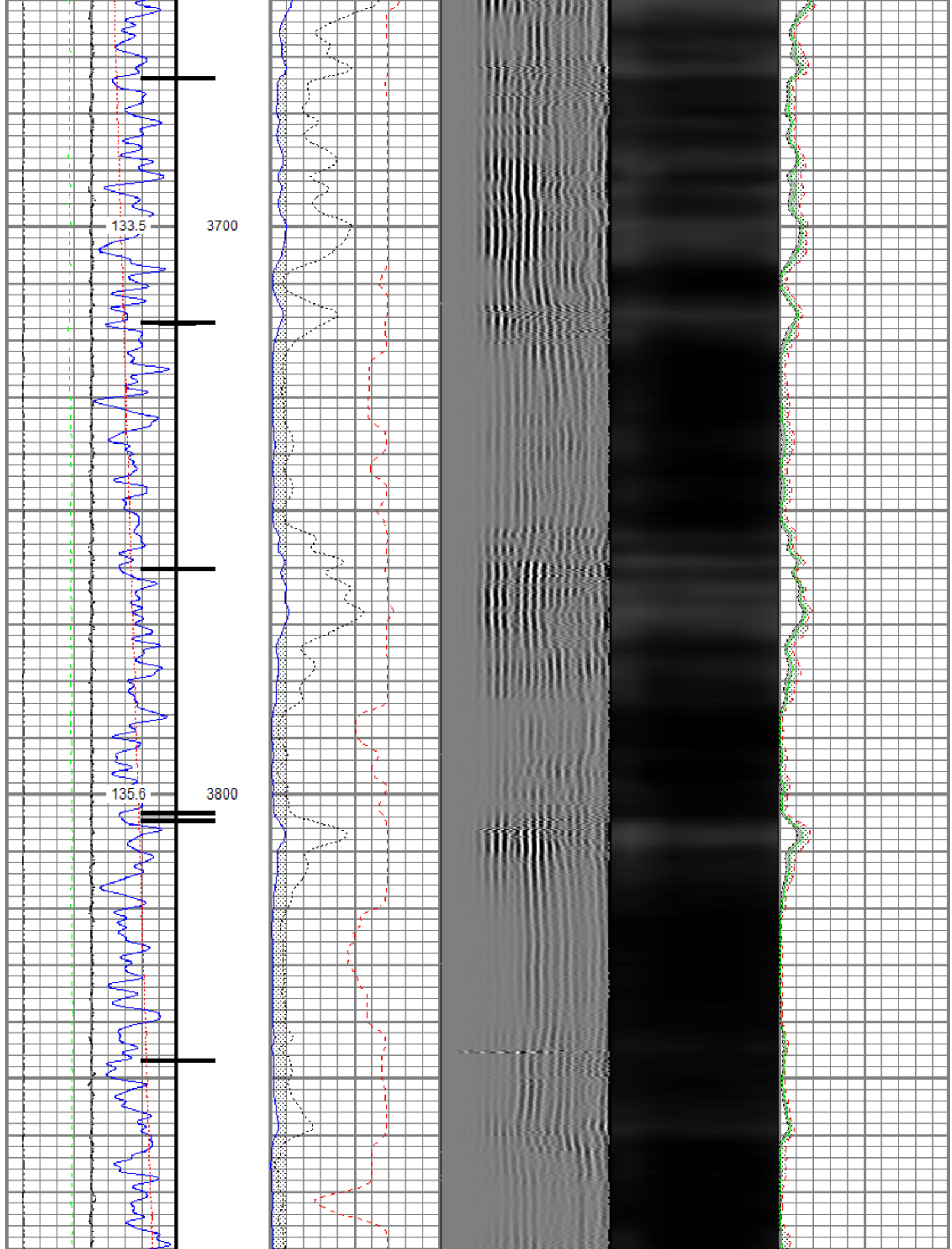


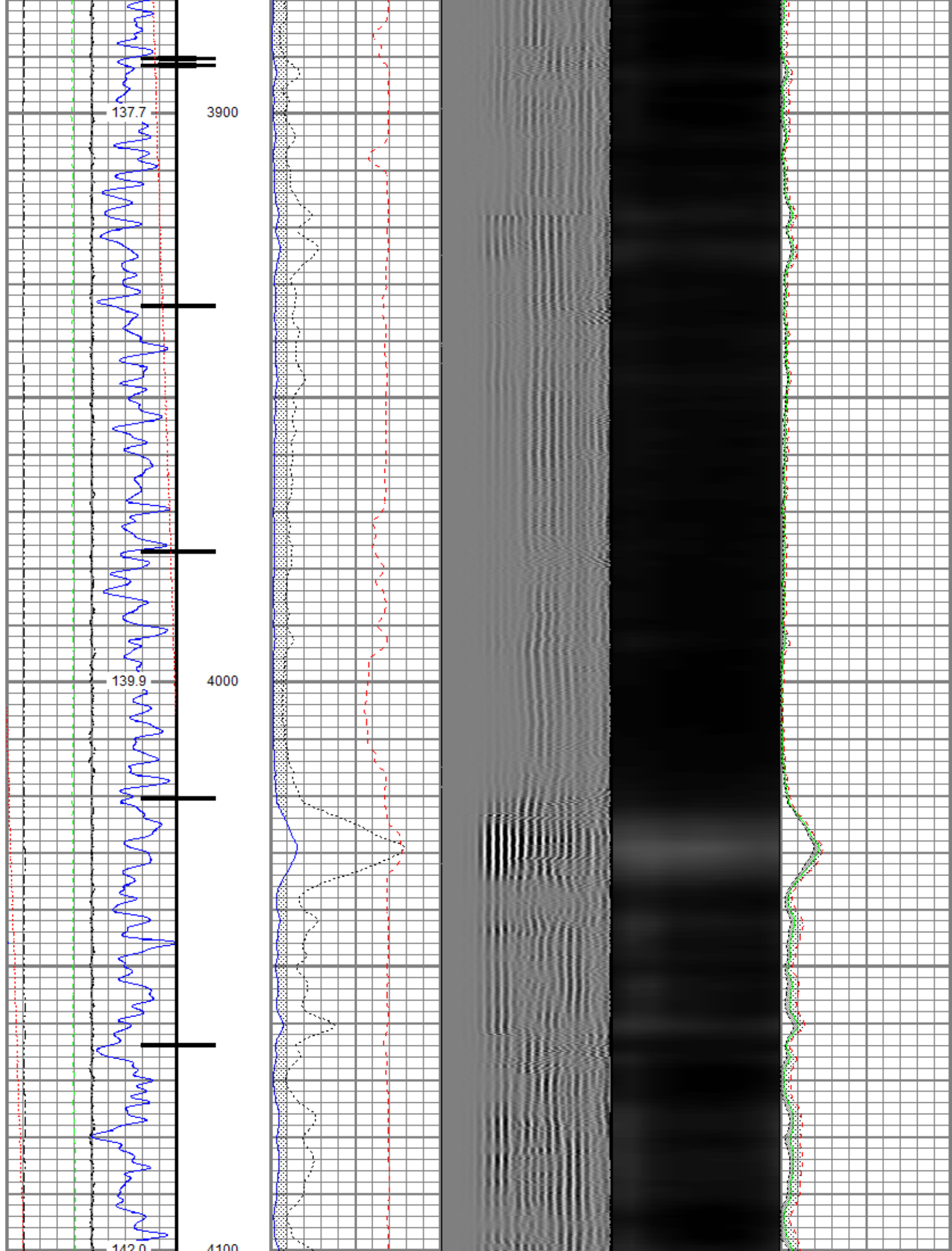


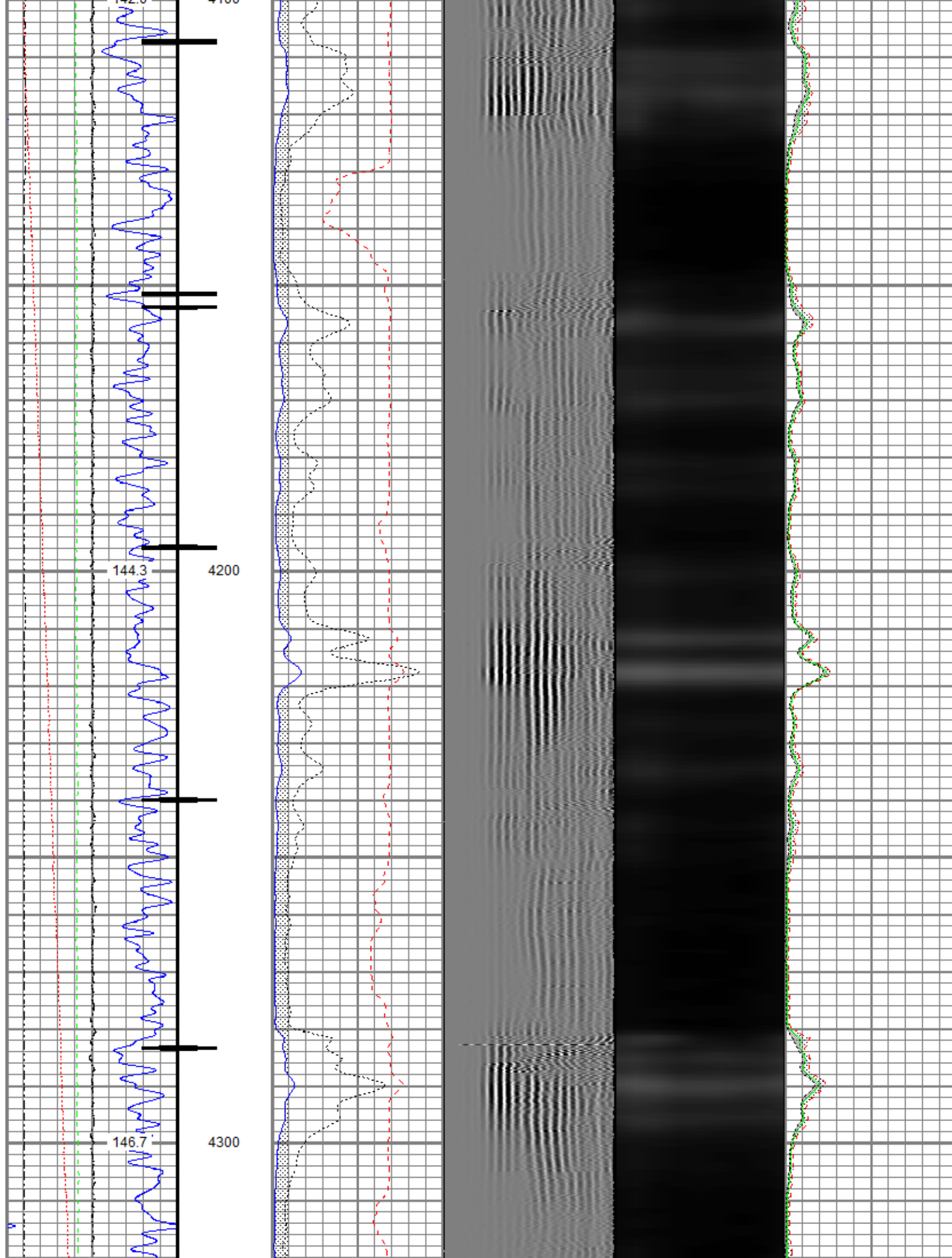


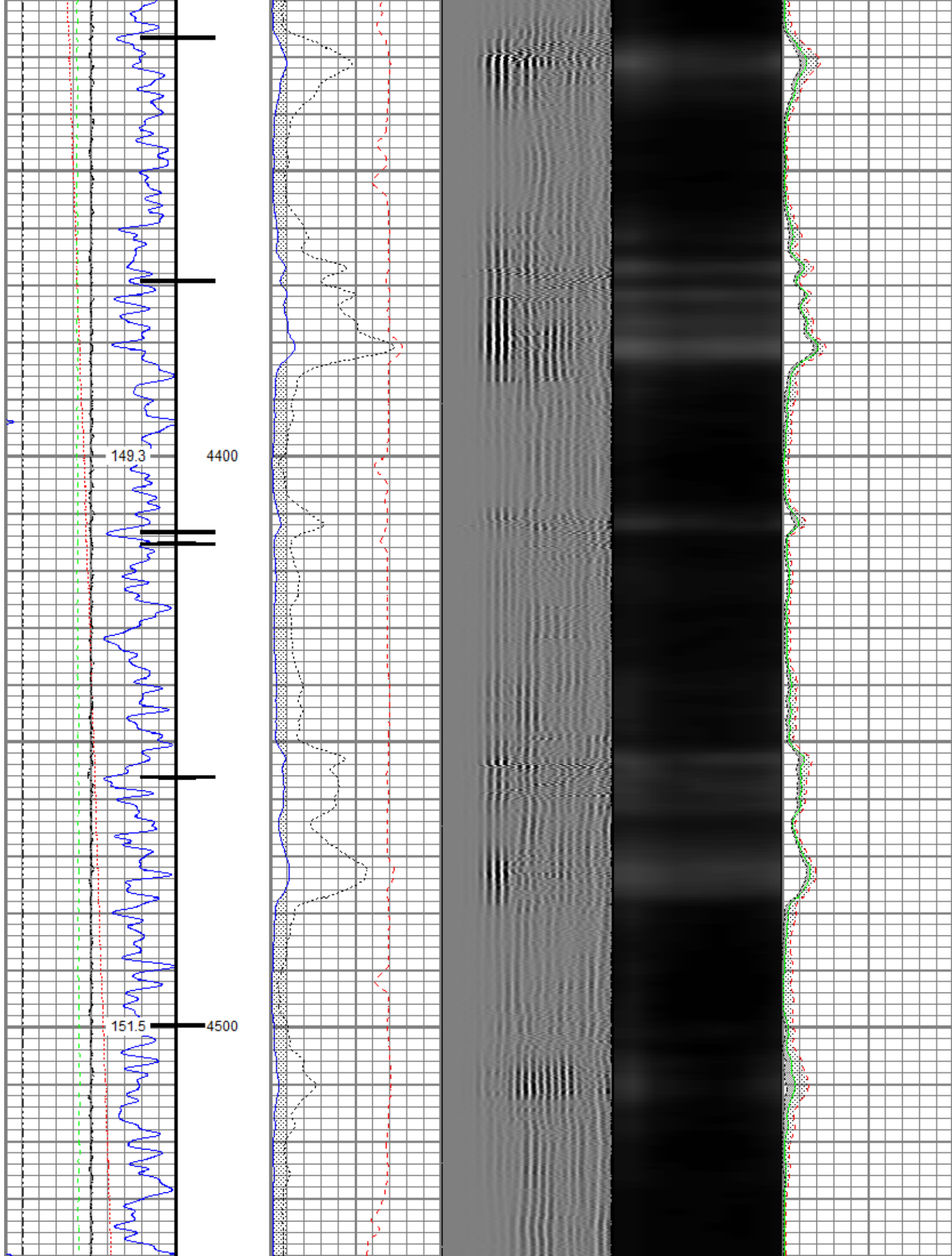


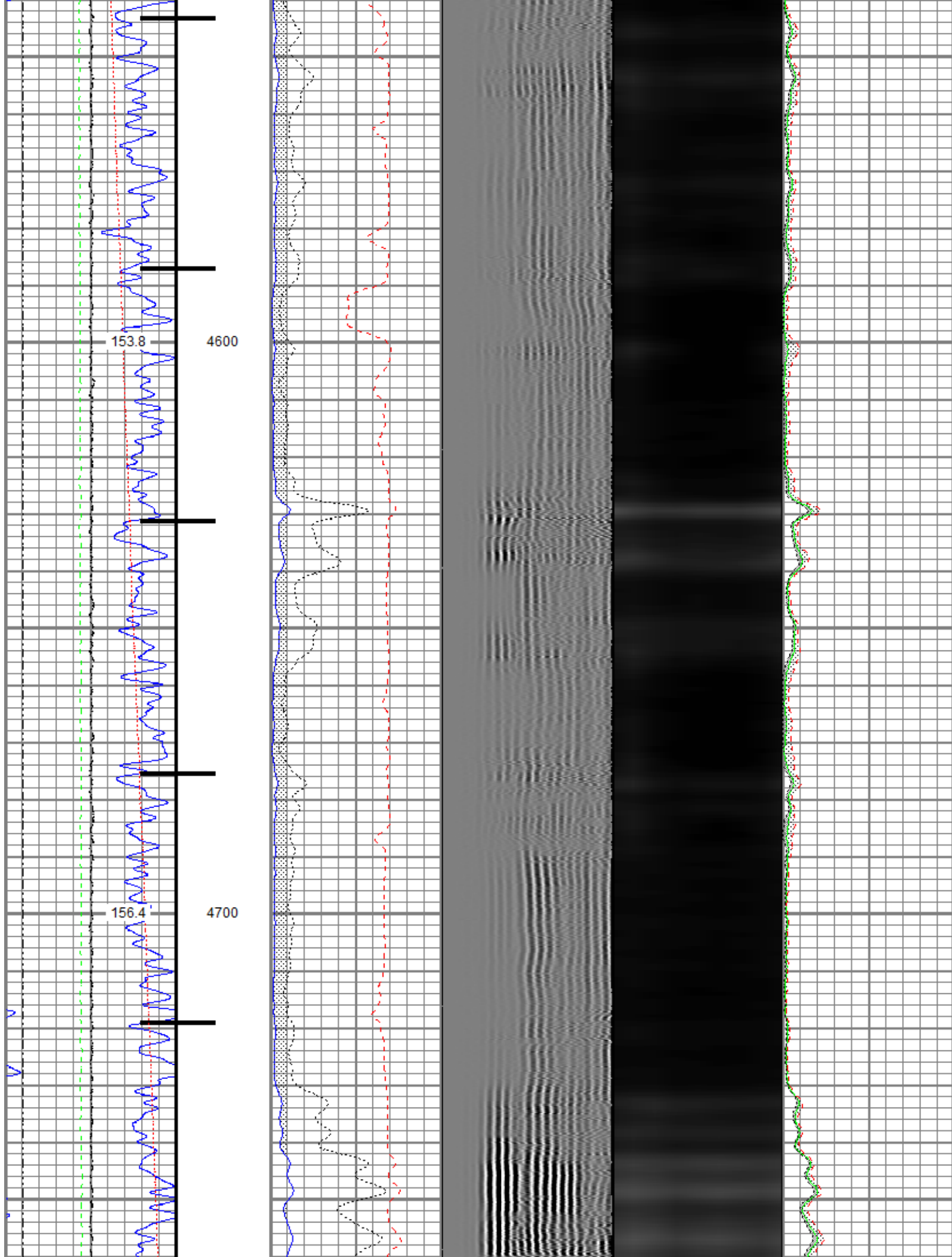


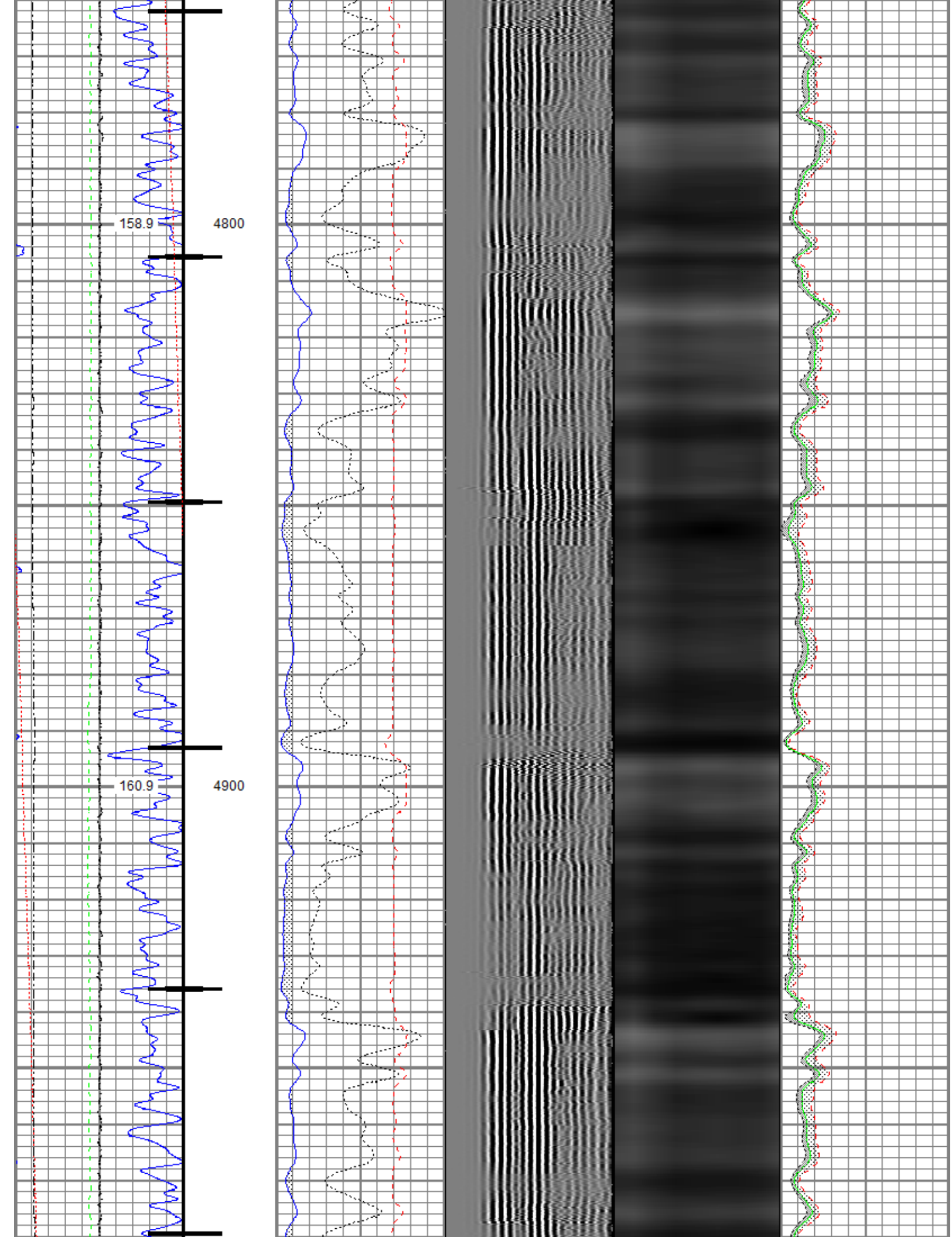


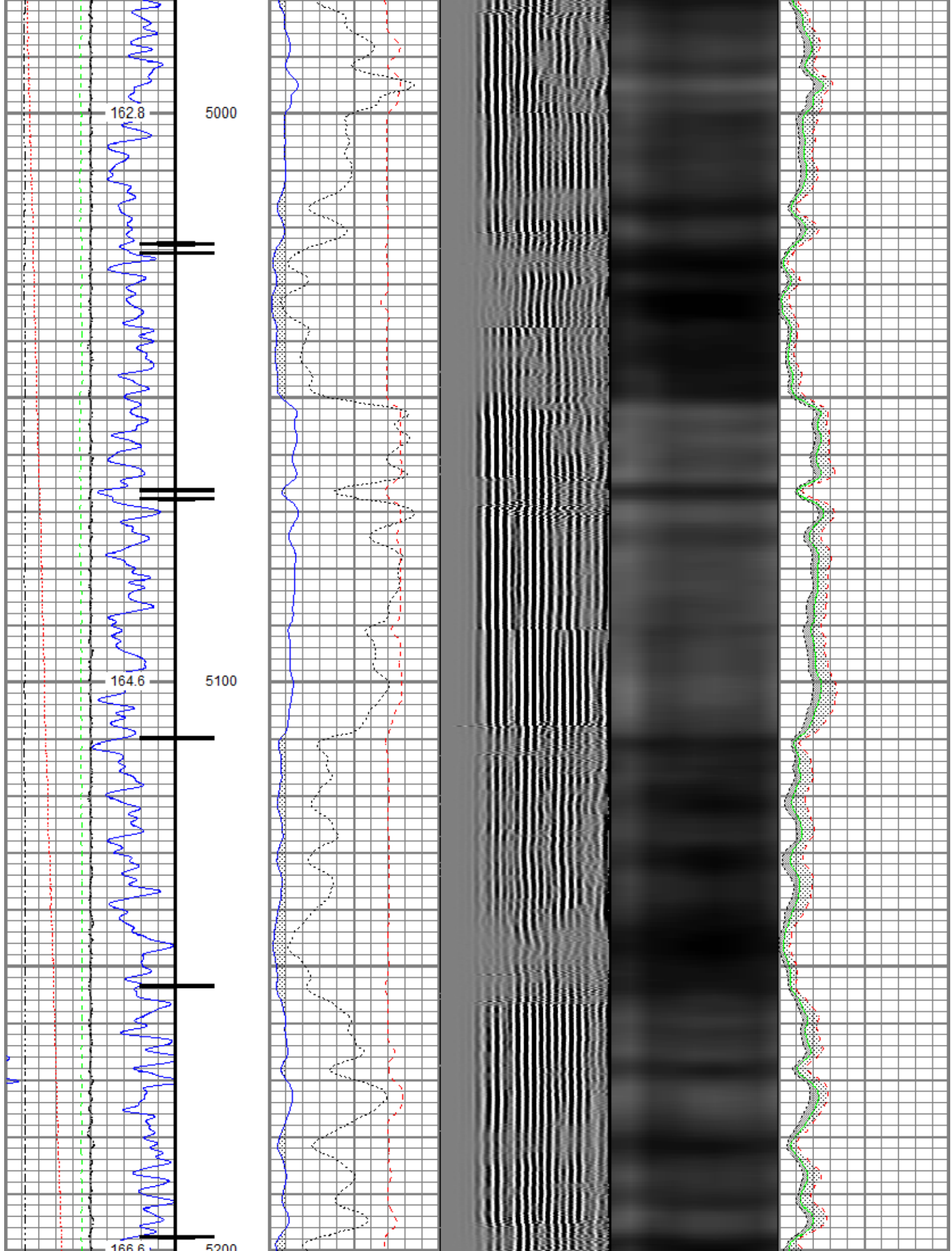


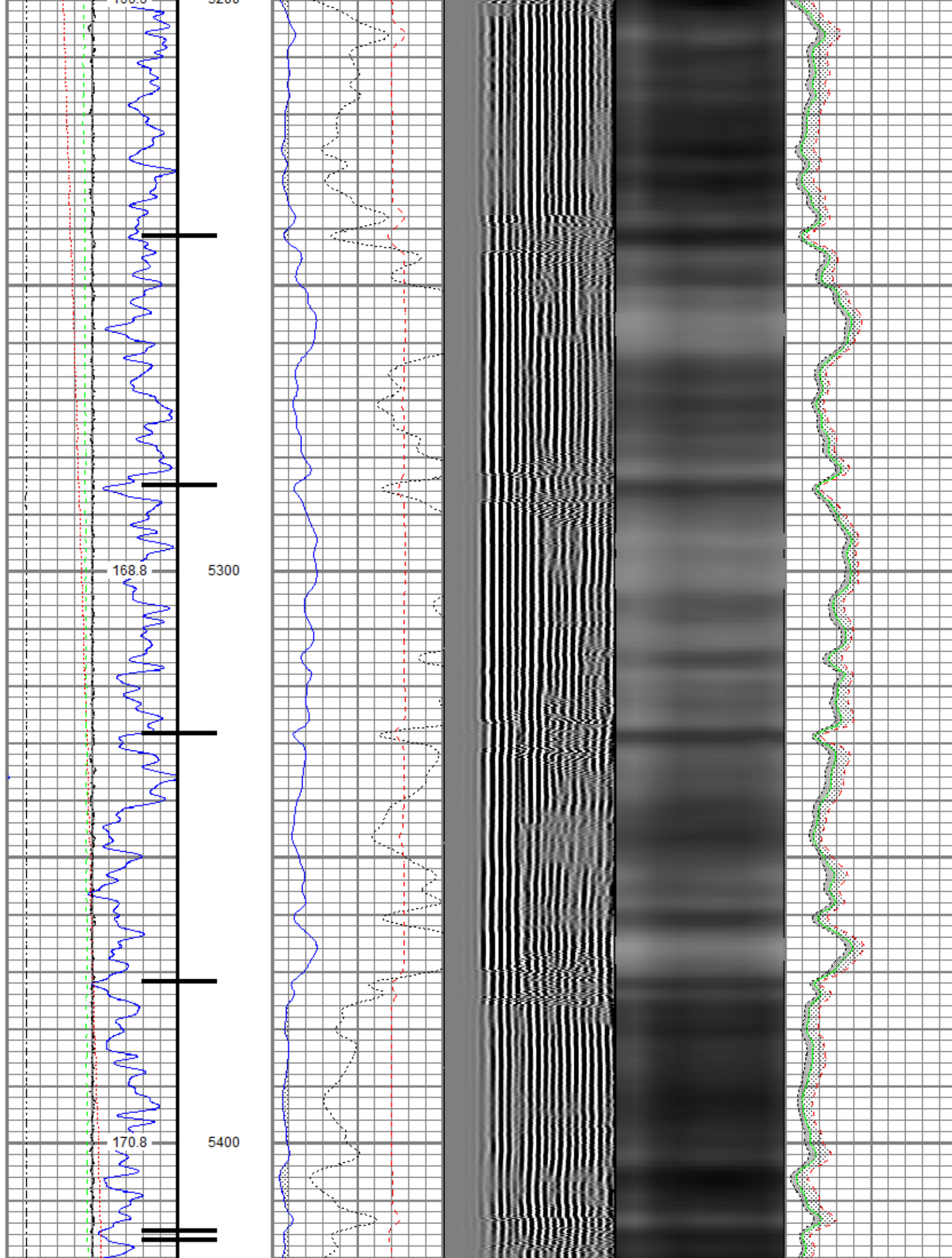


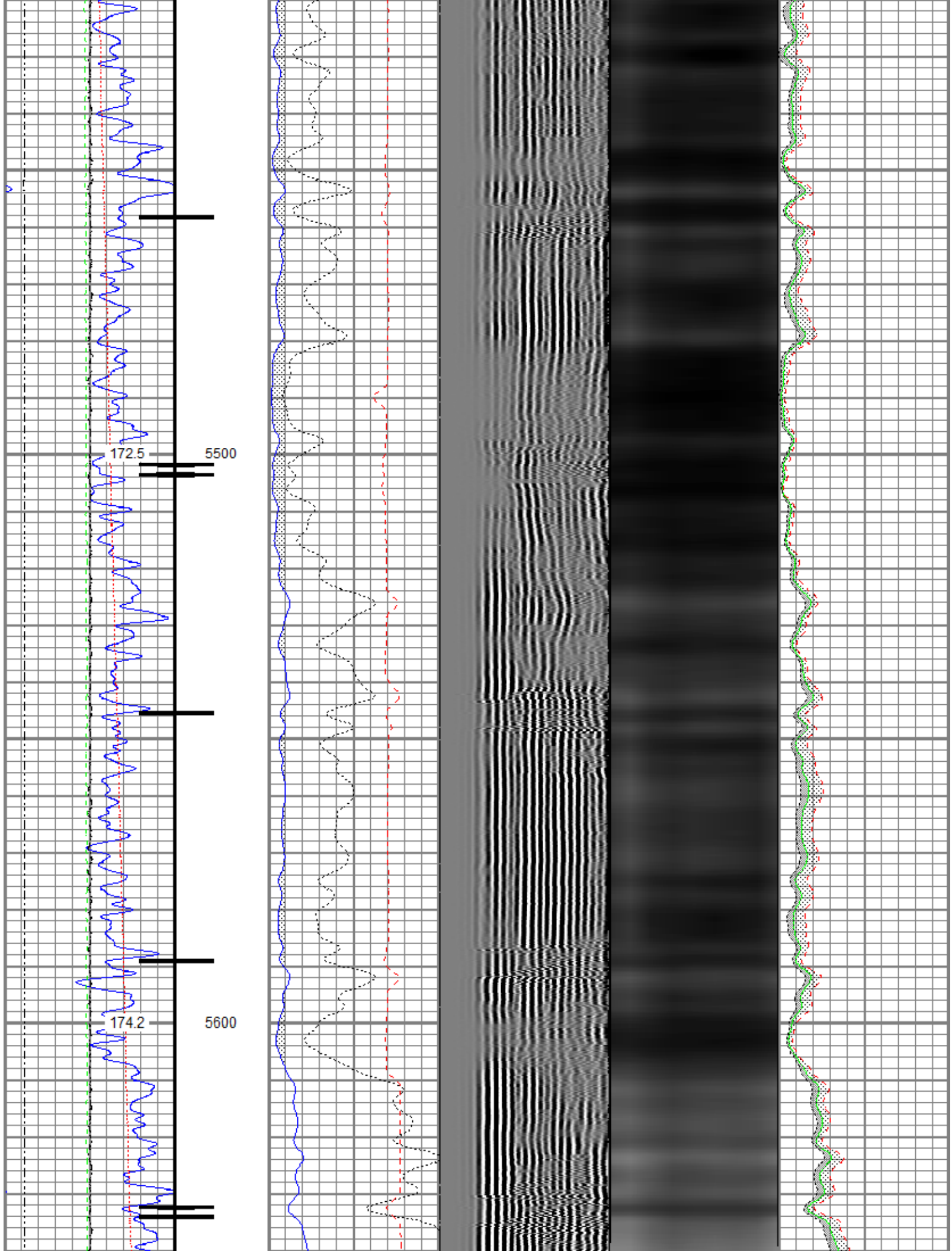


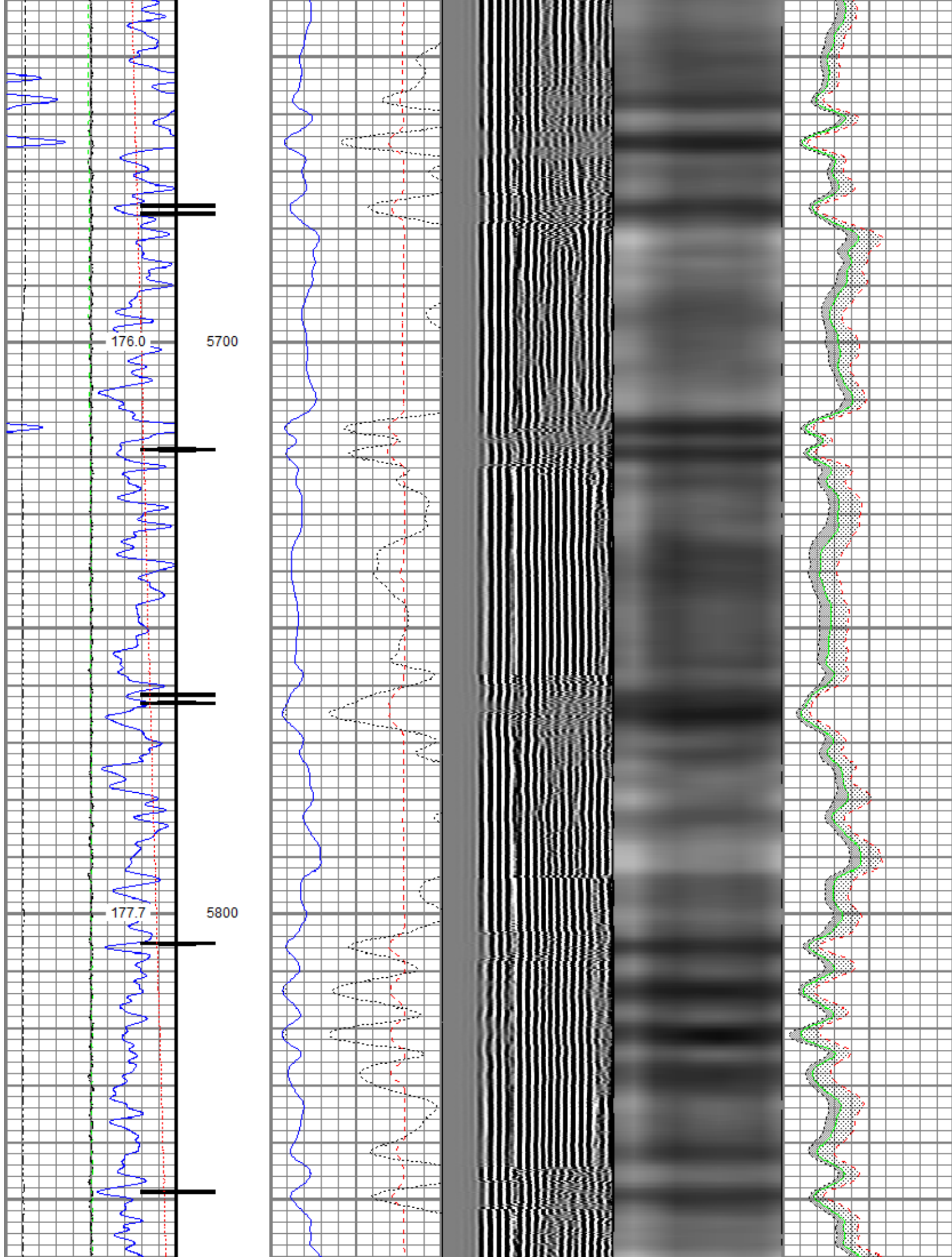


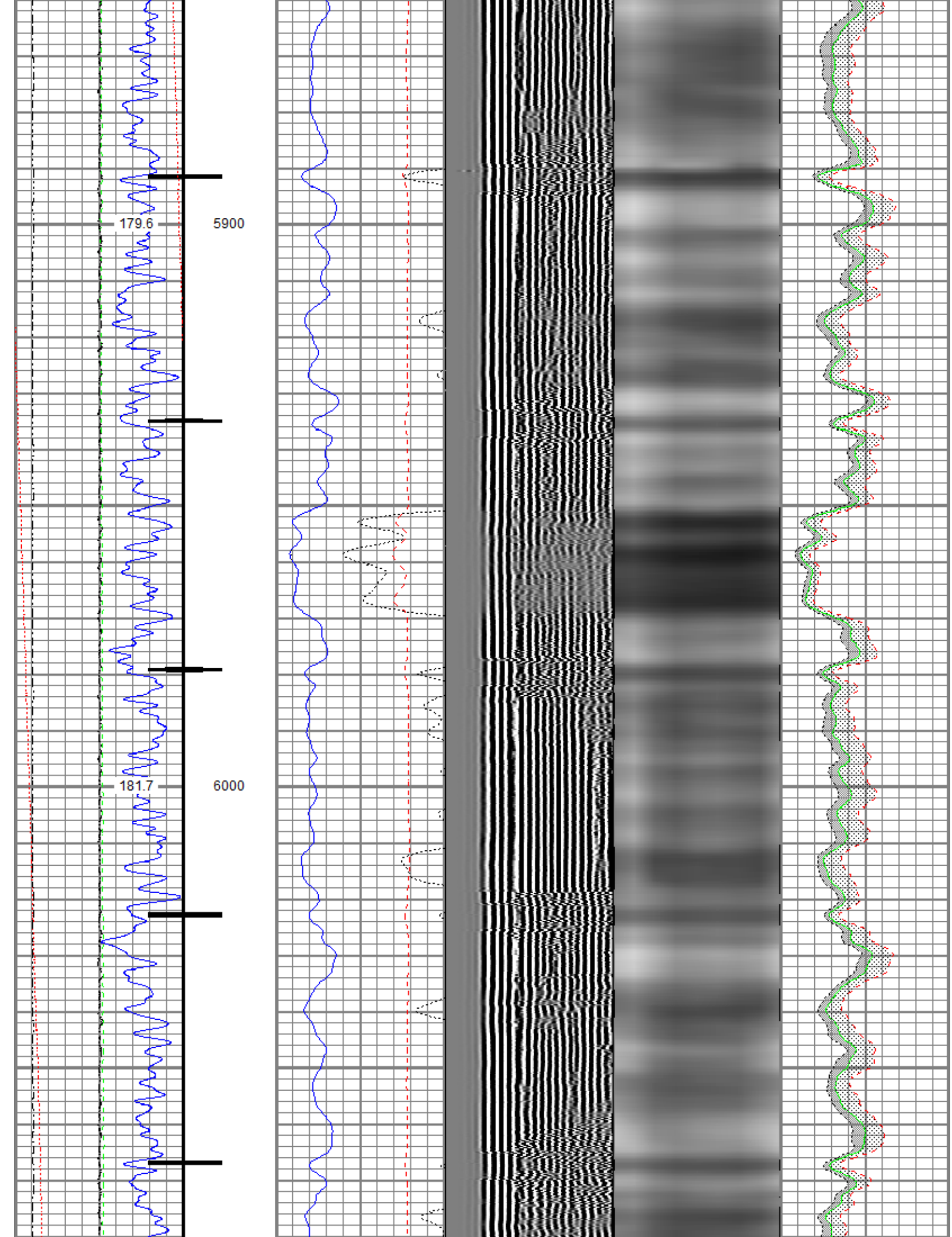


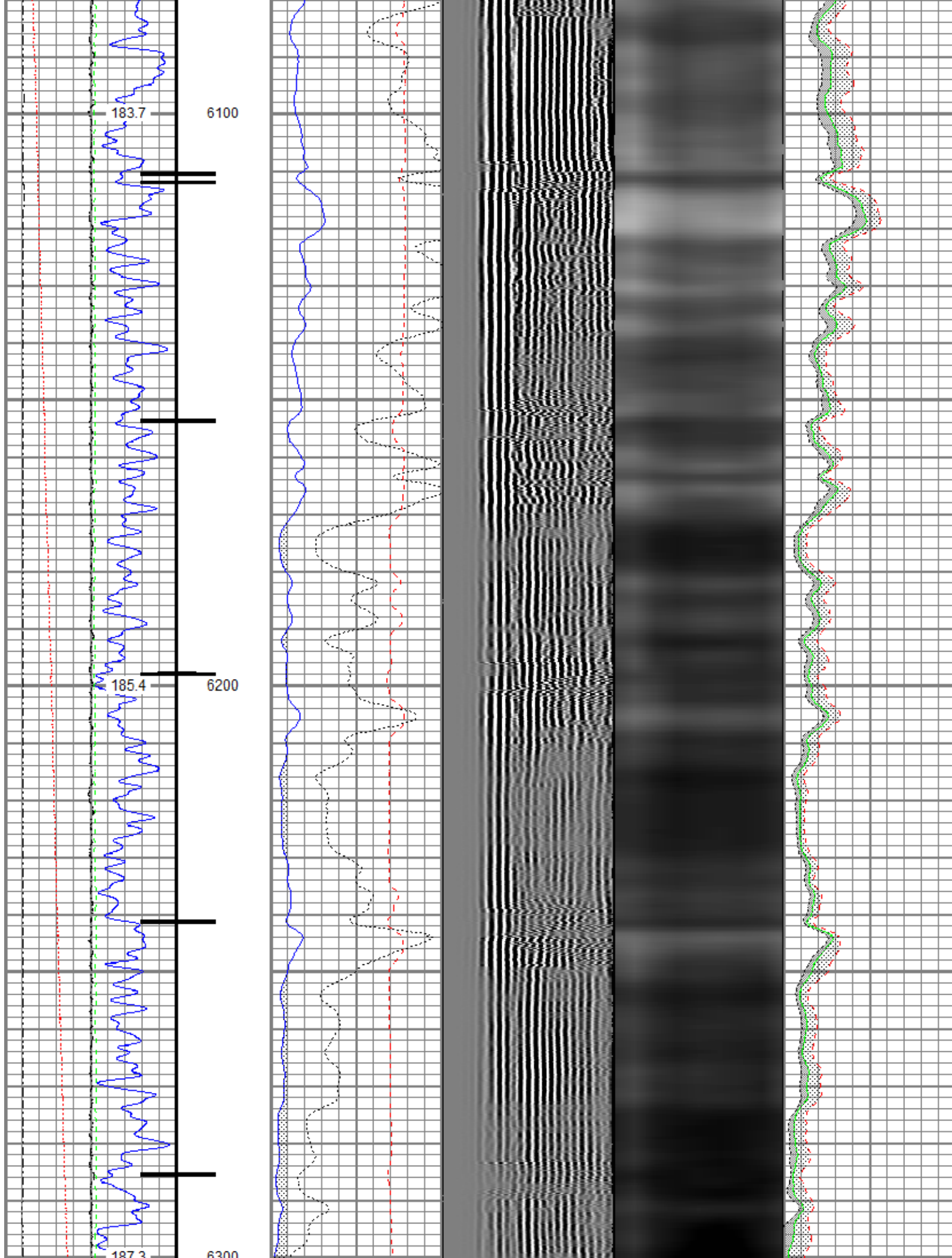


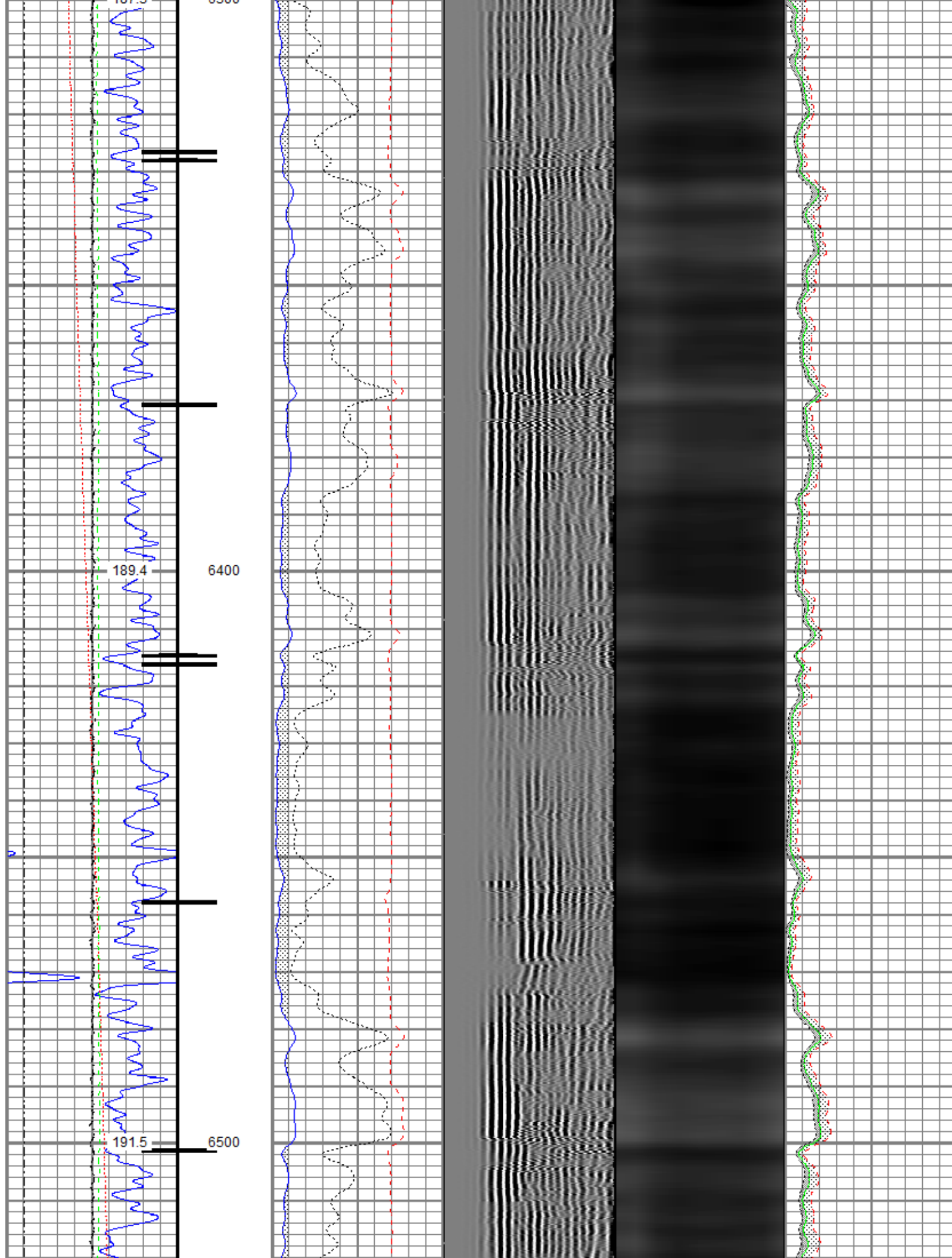


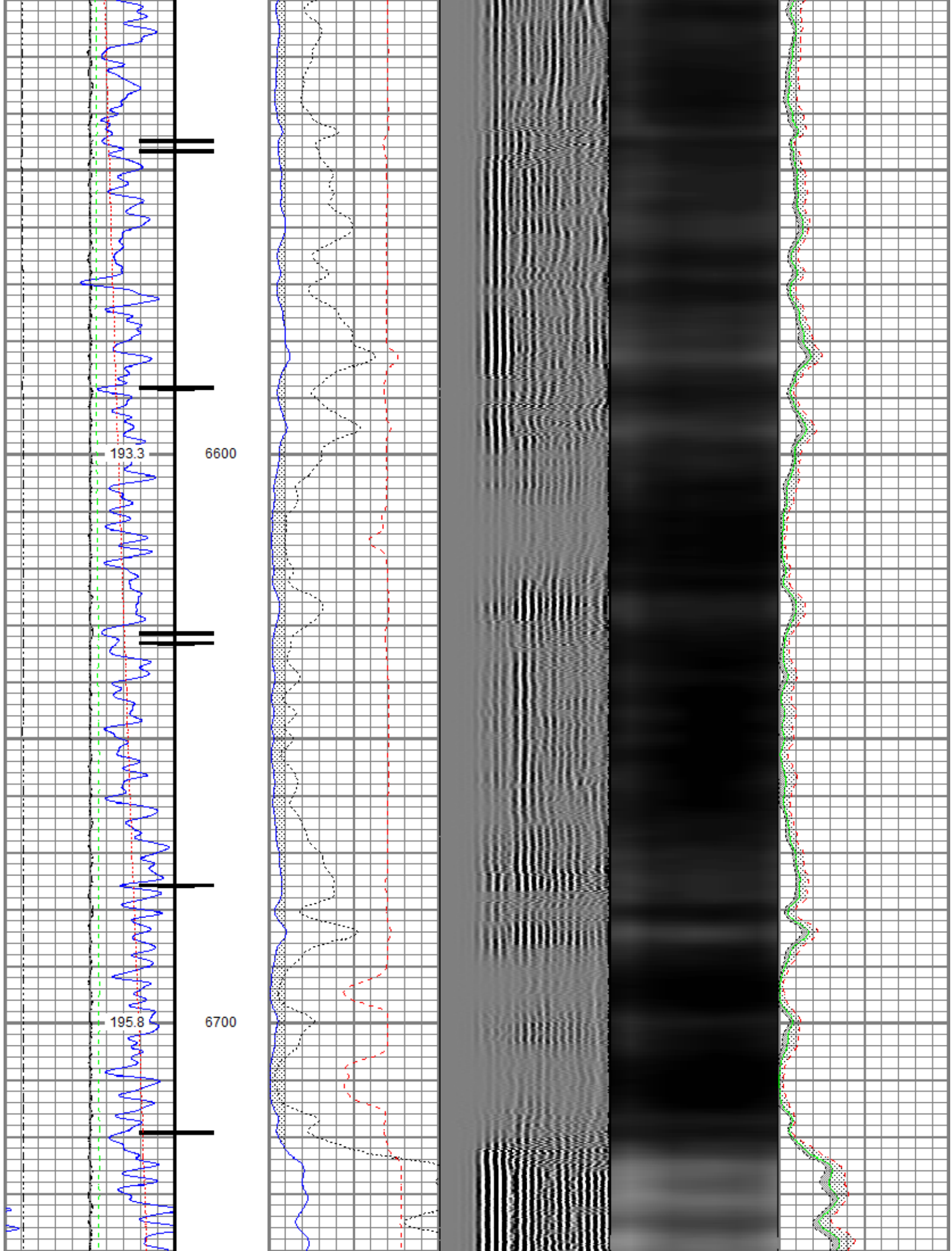


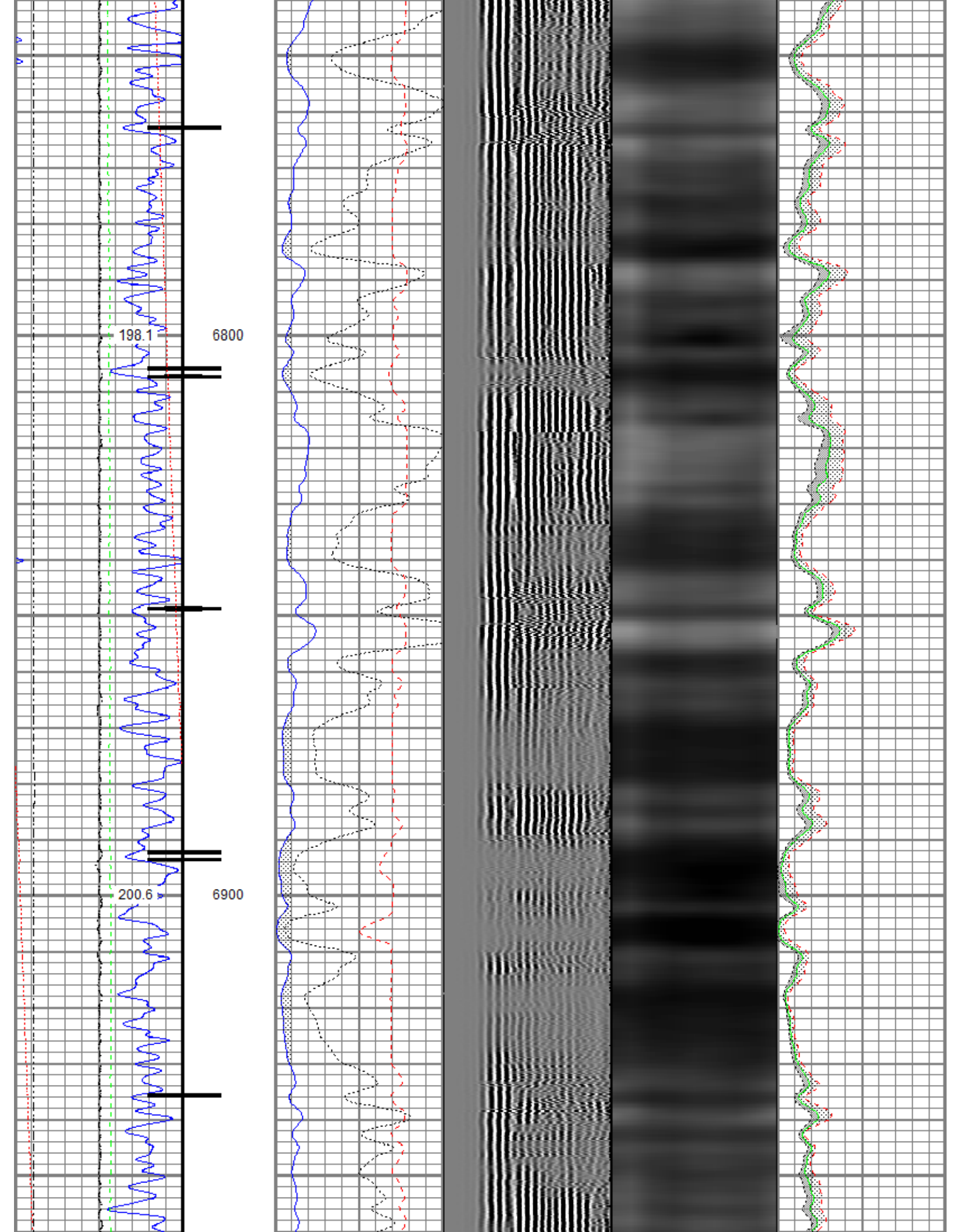


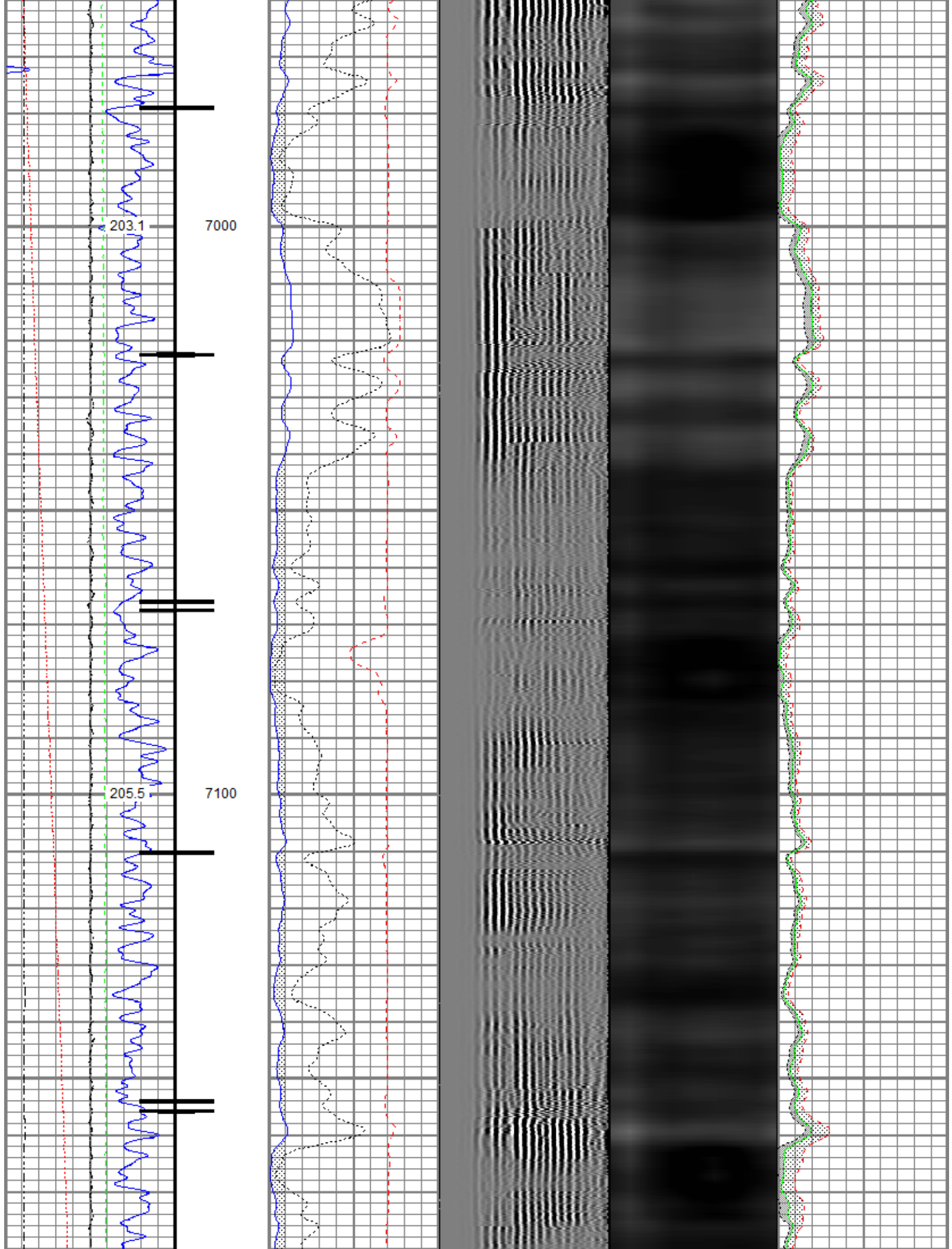


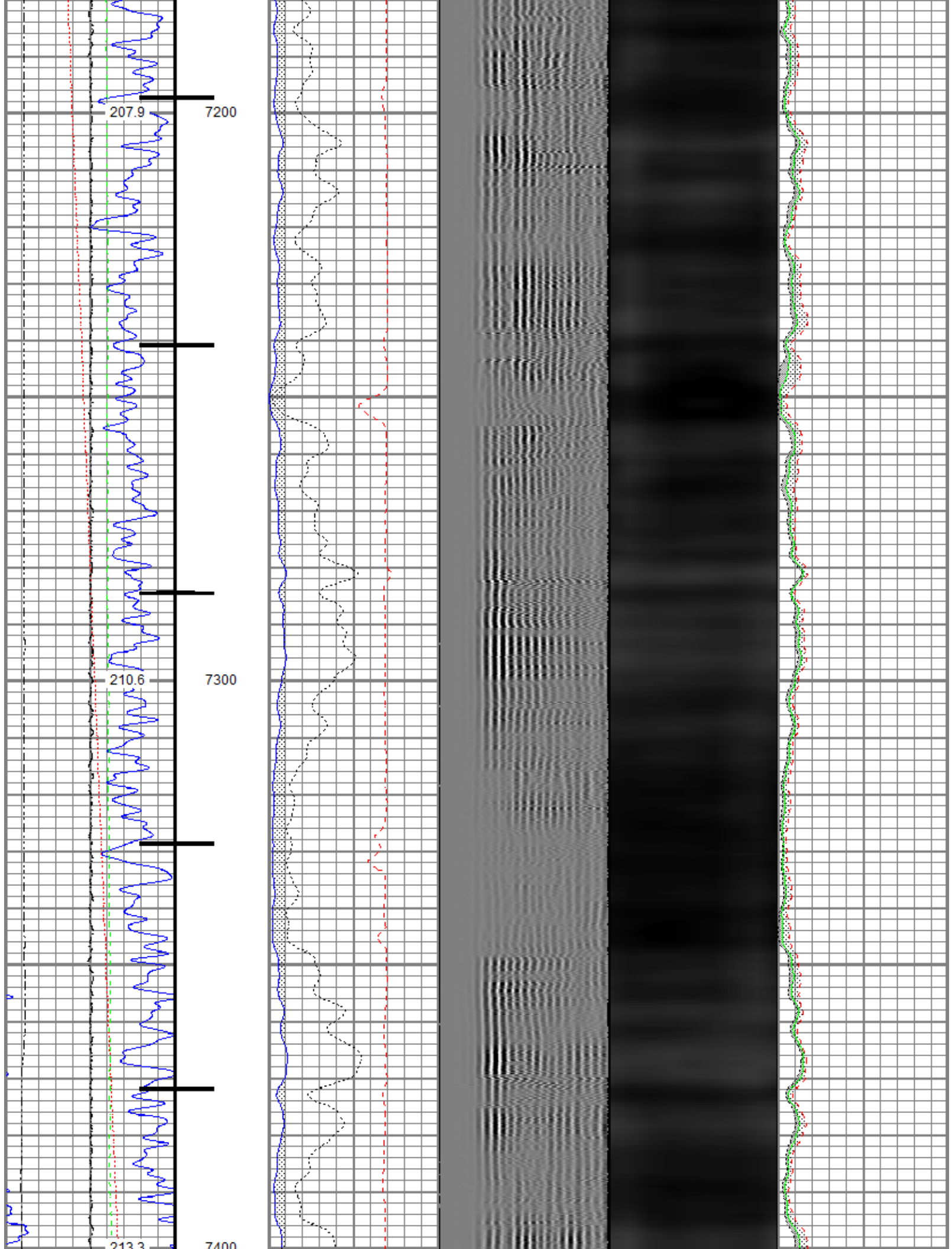


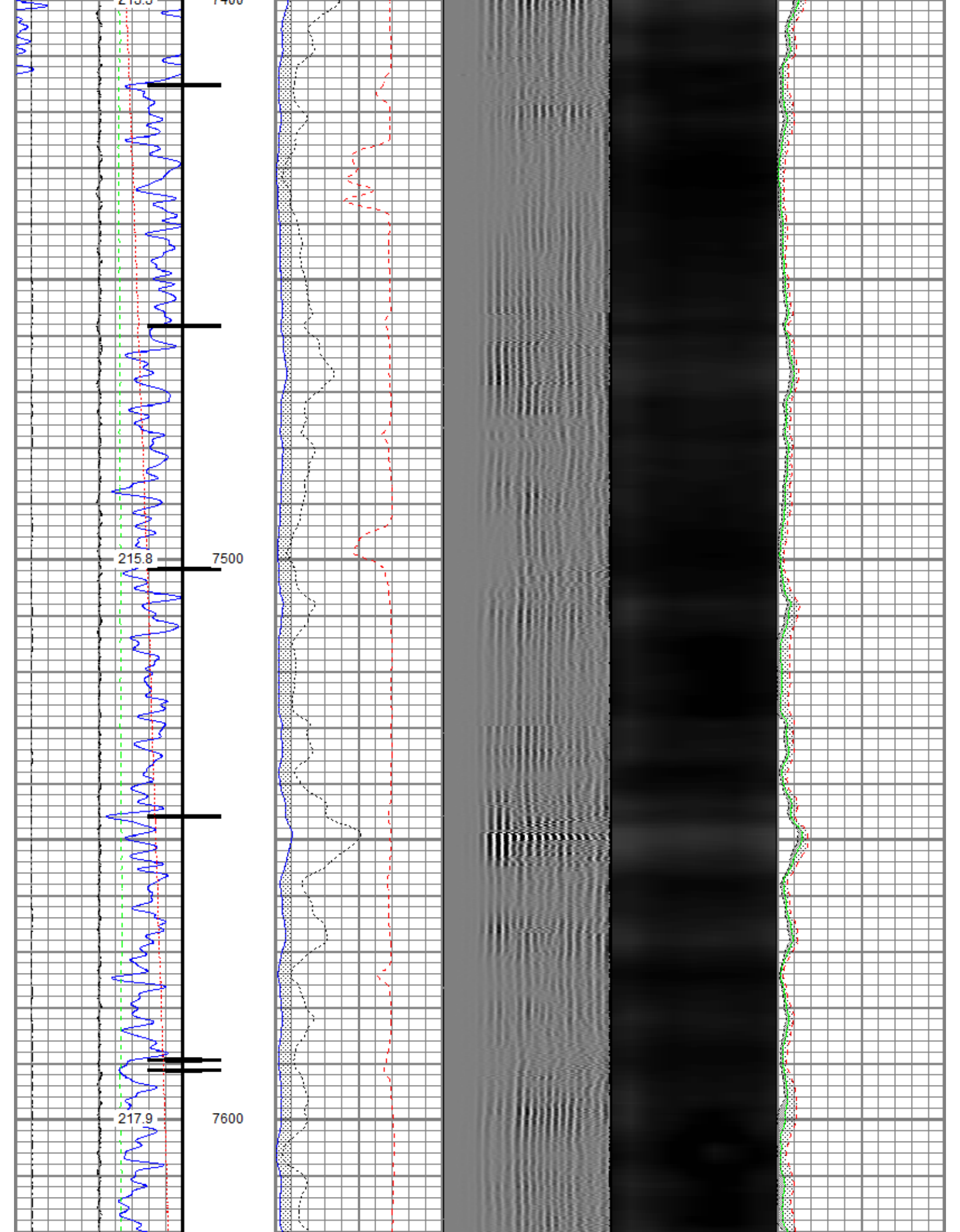


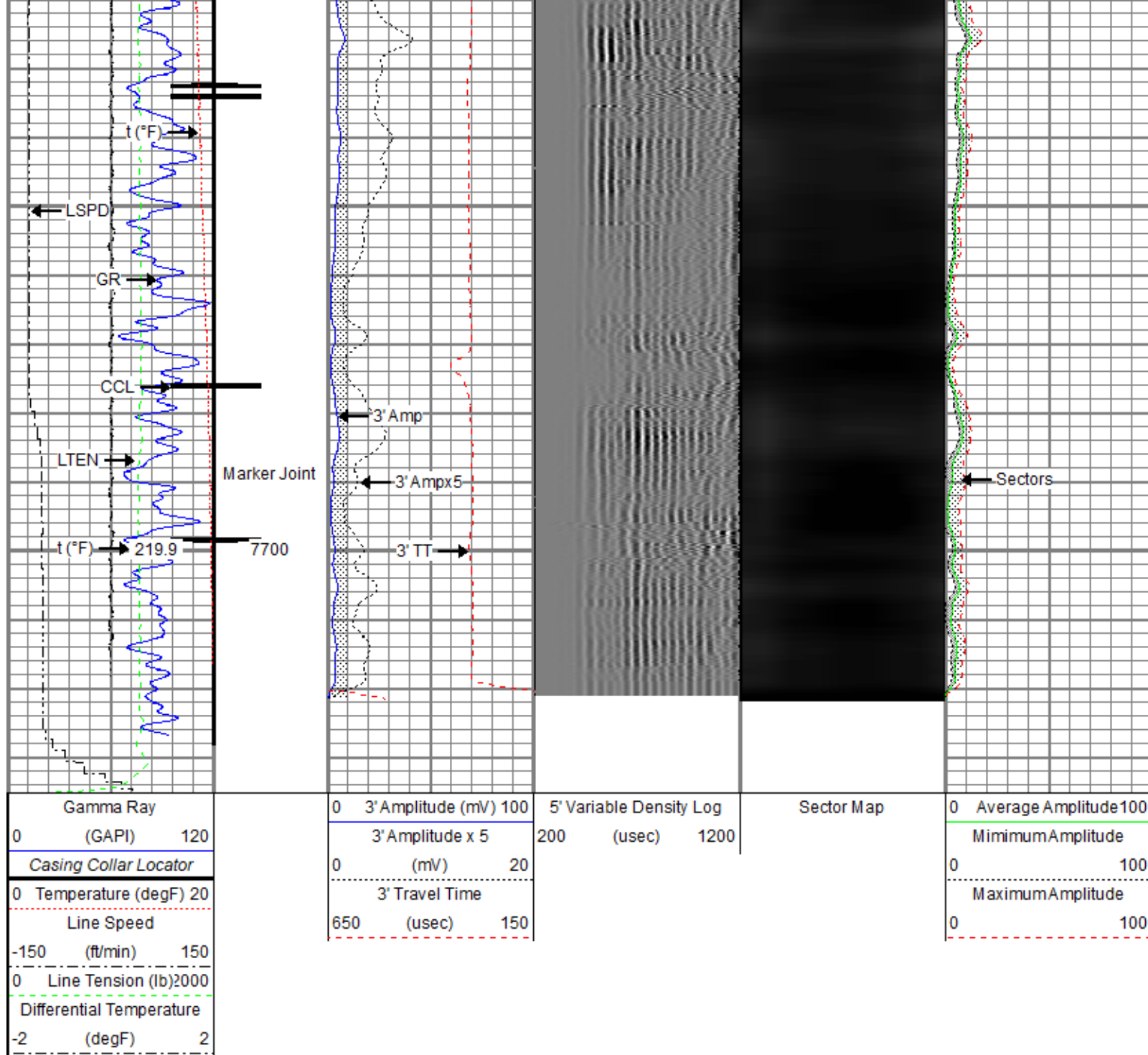








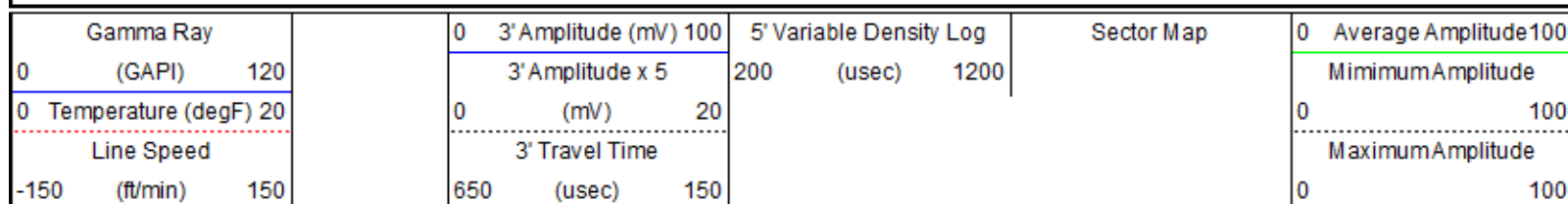




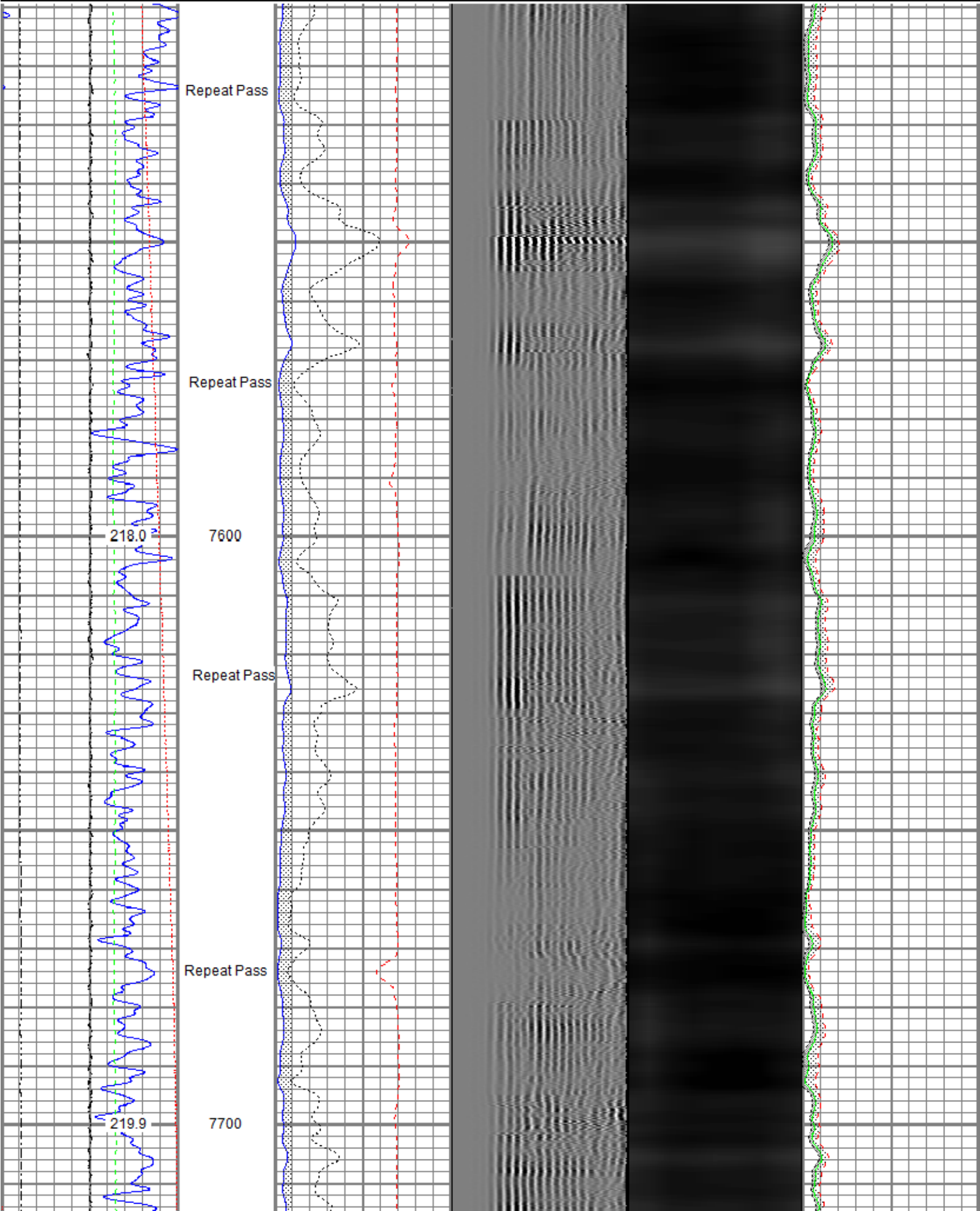
Repeat Pass

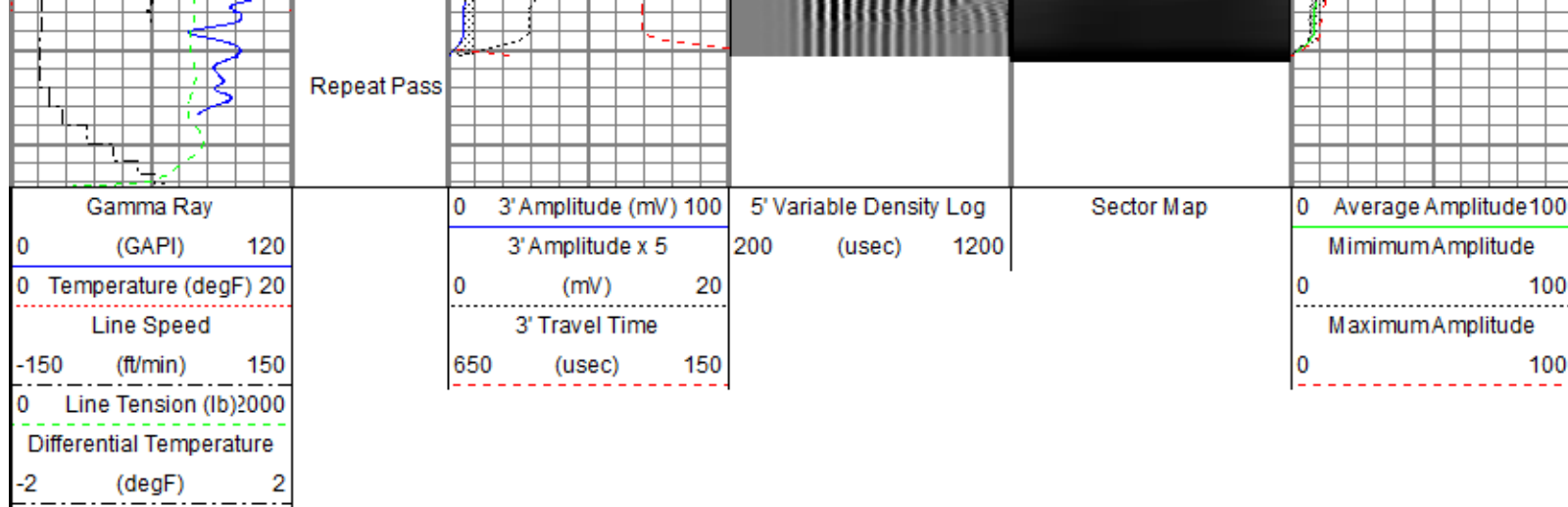
Recorded With 0 PSI Surface Induced Pressure





Database File: anadarko\0512349213_anadarko_jdb 15-6hz_rbl_08-02-19\processed_0512349213_anadarko_jdb 15-6hz_rbl_08-02-19.db
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 Presentation Format: ros_radil
 Dataset Creation: Sat Aug 03 11:30:35 2019
 Charted by: Depth in Feet scaled 1:240

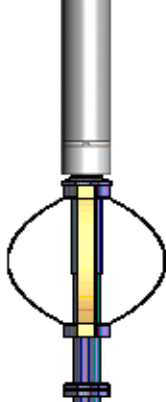


0 Line Tension (lb) 2000
Differential Temperature
-2 (degF) 2





Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
TEMP	17.04		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	2.88	2.75	20.00
			Probe 2-3/4" Electric Inline Bowspring Centralizer			
WVFS8	14.81		Probe Radii-2750 RBT (FW0712-020)	9.39	2.75	105.00
WVFS7	14.81		Probe 2-3/4" Radial Cement Bond Tool with Integral Temperature Sub			
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					
CCL\$2	6.80		Probe CENT-2750	2.88	2.75	20.00
	CCL\$1		6.80	Probe 2-3/4" Electric Inline Bowspring Centralizer		
GR	5.46		Probe GR-CCL-2750 6PB (101001)	4.80	2.75	55.00

			Probe 2-3/4" rev.1 Digital Scintillation Gamma Ray/CCL Combined with 6 Pin Bottom for CNT 			
			Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
Dataset: processed_0512349213_anadarko_jdb 15-6hz_rbl_08-02-19.db: field/well/0rbl/pass6.3 Total length: 23.86 ft Total weight: 223.60 lb O.D.: 2.75 in						

Calibration Report	
Database File	c:\programdata\warrior\data\anadarko\0512349213_anadarko_jdb 15-6hz_rbl_08-02-19\processed_0512349213_anadarko_jdb
Dataset Pathname	0rbl/pass6.3
Dataset Creation	Sat Aug 03 10:50:25 2019

Gamma Ray Calibration Report		
Serial Number:	101001	
Tool Model:	2750 6PB	
Performed:	Mon Oct 01 11:32:32 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:	FW0712-020	
Tool Model:	2750 RBT	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	103.526	ft

Master Calibration, performed (Derived):						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.008	0.784	0.800	71.921	91.690	0.064
CAL	0.006	0.615				
5'	0.009	0.618	0.800	71.921	116.739	-0.247
SUM						
S1	0.007	0.746	0.000	100.000	135.163	-0.882
S2	0.007	0.793	0.000	100.000	127.181	-0.843
S3	0.007	0.827	0.000	100.000	122.012	-0.848
S4	0.007	0.837	0.000	100.000	120.521	-0.901
S5	0.007	0.813	0.000	100.000	123.976	-0.852
S6	0.008	0.769	0.000	100.000	131.407	-0.995
S7	0.007	0.748	0.000	100.000	135.068	-1.013
S8	0.007	0.729	0.000	100.000	138.397	-0.921

Internal Reference Calibration, performed (Not Performed):		
	Raw (v)	Calibrated (v)
		Results

	<div>Zero</div>	<div>Cal</div>	<div>Zero</div>	<div>Cal</div>	<div>Gain</div>	<div>Offset</div>
CAL	0.000	0.000	0.006	0.615	1.000	0.000

Air Zero Calibration, performed (Not Performed):			
	<div>Raw (v)</div>	<div>Calibrated (v)</div>	<div>Results</div>
	<div>Zero</div>	<div>Zero</div>	<div>Offset</div>
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:	FW0712-020		
Tool Model:	2750 RBT		
Performed:	Mon Oct 01 11:32:14 2018		
	<div>Reference</div>	<div>Reading</div>	
Low Reference:	100.00 degF	109.43	degF
High Reference:	350.00 degF	405.87	degF
Gain:	0.84		
Offset:	7.72		
Delta Spacing	1		

<div><div><div></div><div></div><div></div></div><div>RELIANCE</div><div>OILFIELD SERVICES</div></div>	<div>Company</div> <div>Well</div> <div>Field</div> <div>County</div> <div>State</div>	<div>Kerr-McGee Oil & Gas Onshore, L.P.</div> <div>JDB 15-6HZ</div> <div>Wattenberg</div> <div>Weld</div> <div>Colorado</div>
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