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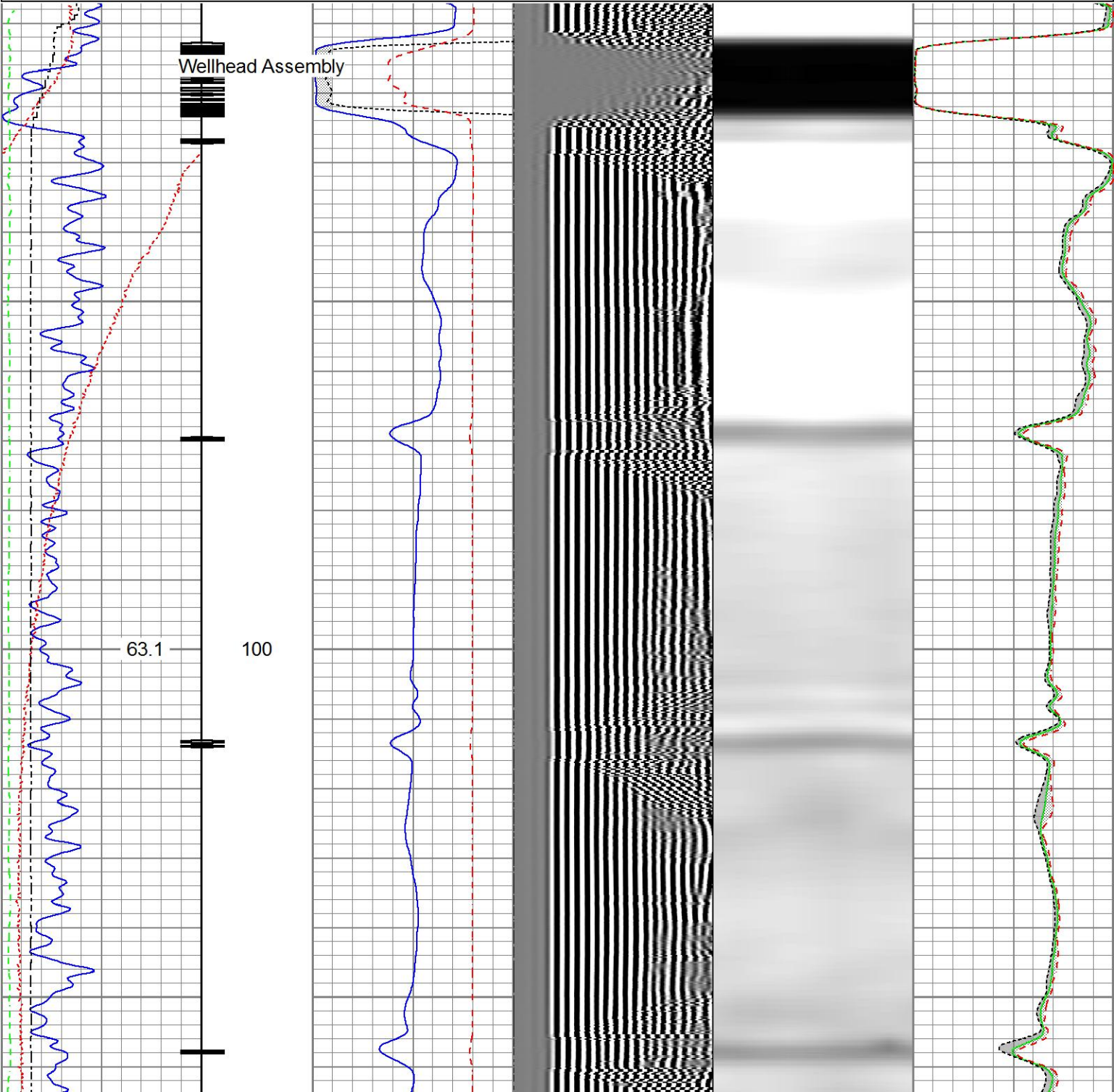
Comments



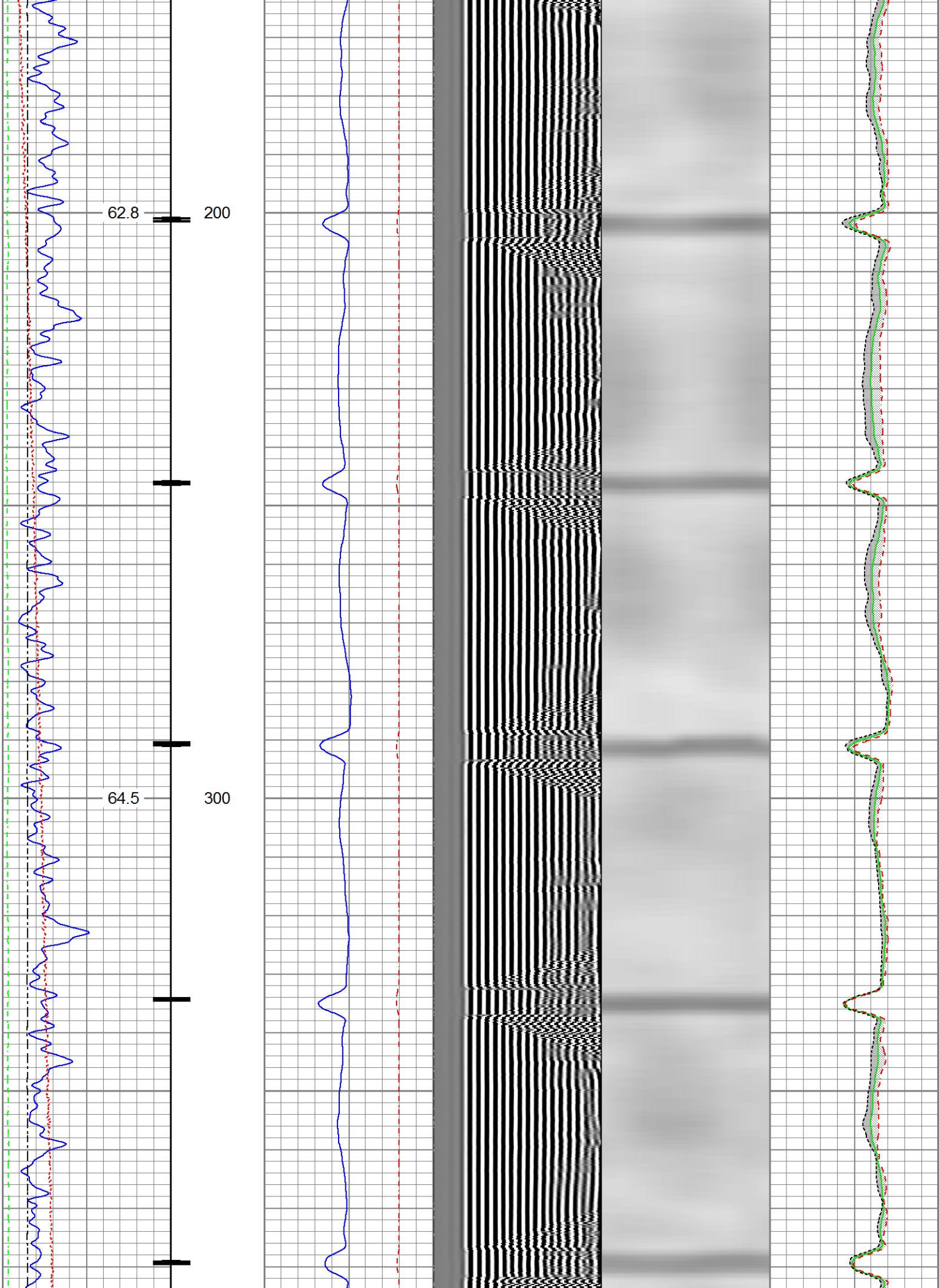
Recorded With 2800 PSI Surface Induced Pressure

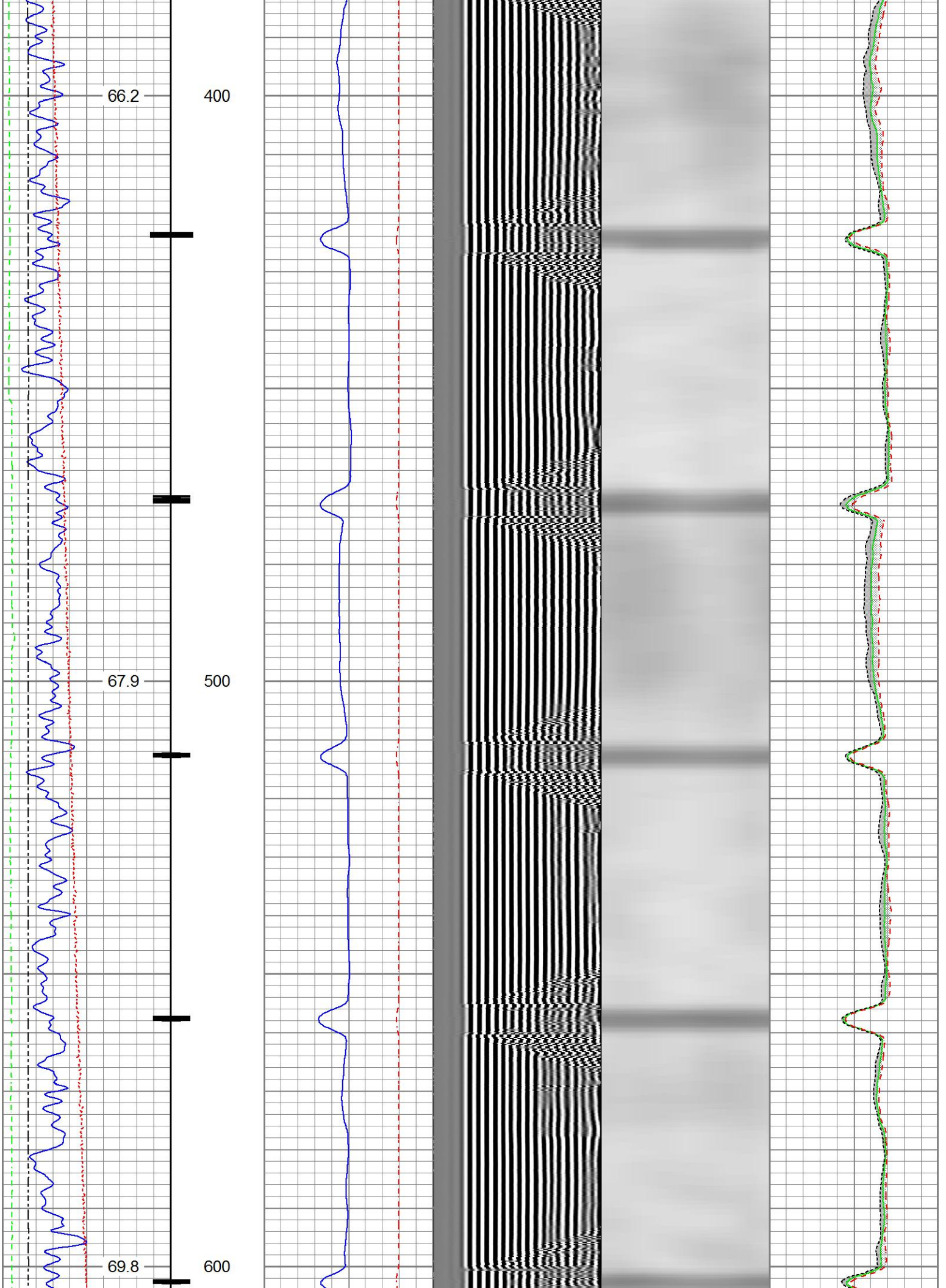
Database File	anadarko_butterball 24n-34hz\0512344315_anadarko_butterball 24n-34hz_rbl_07-07-17_w8.db
Dataset Pathname	mainmain1.1
Presentation Format	ros_radrii
Dataset Creation	Fri Jul 07 13:17:02 2017
Charted by	Depth in Feet scaled 1:240

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

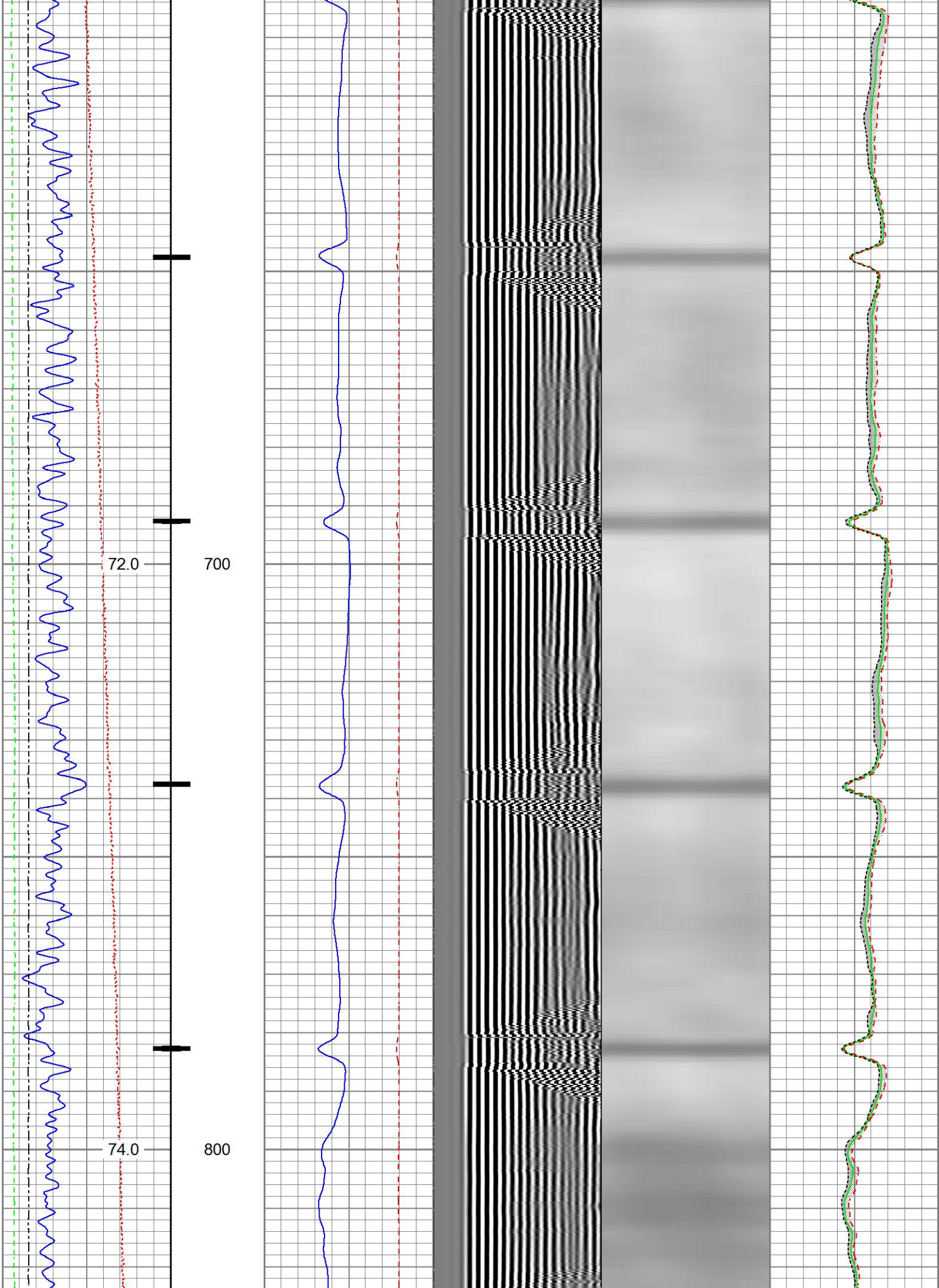


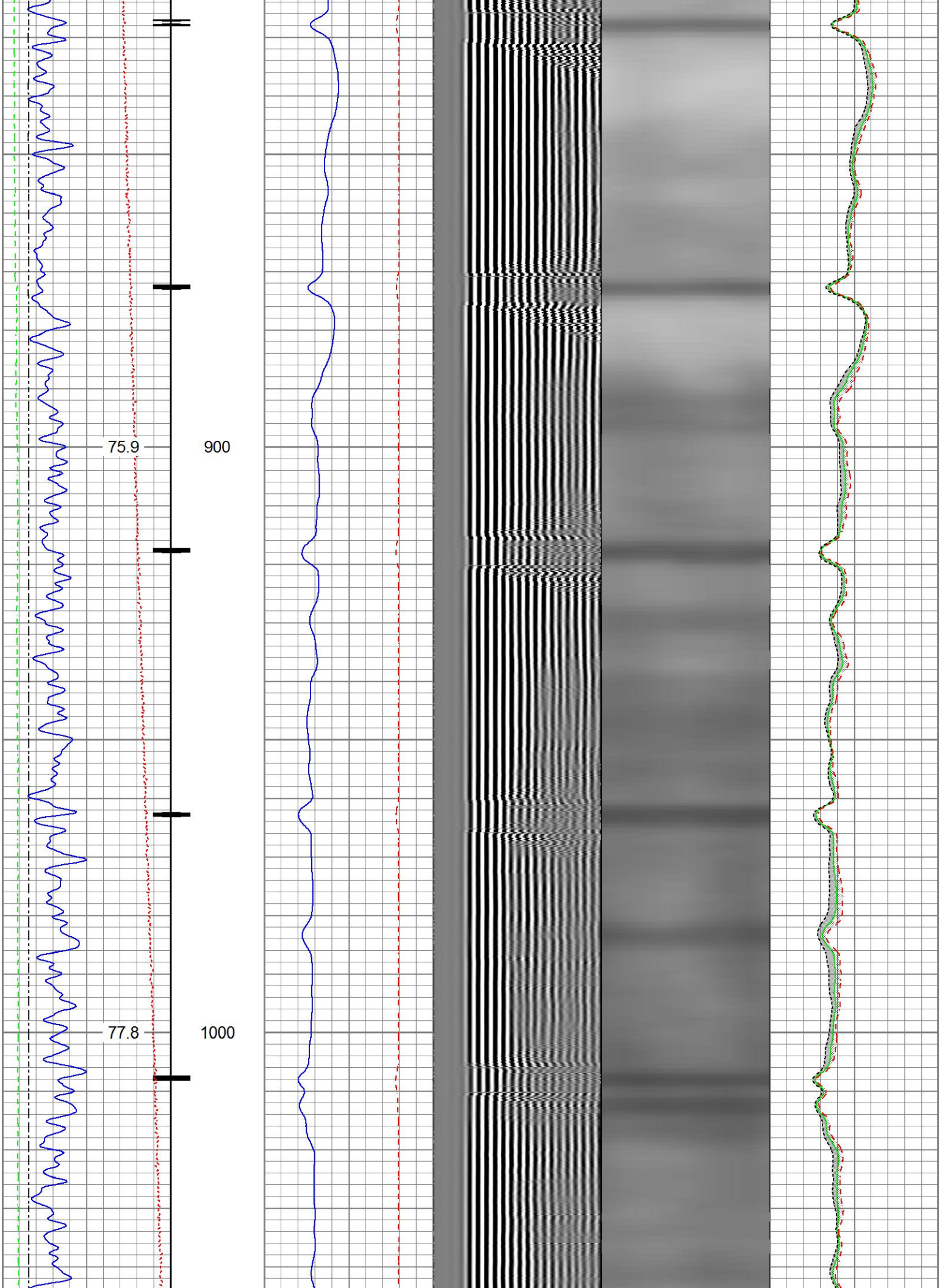




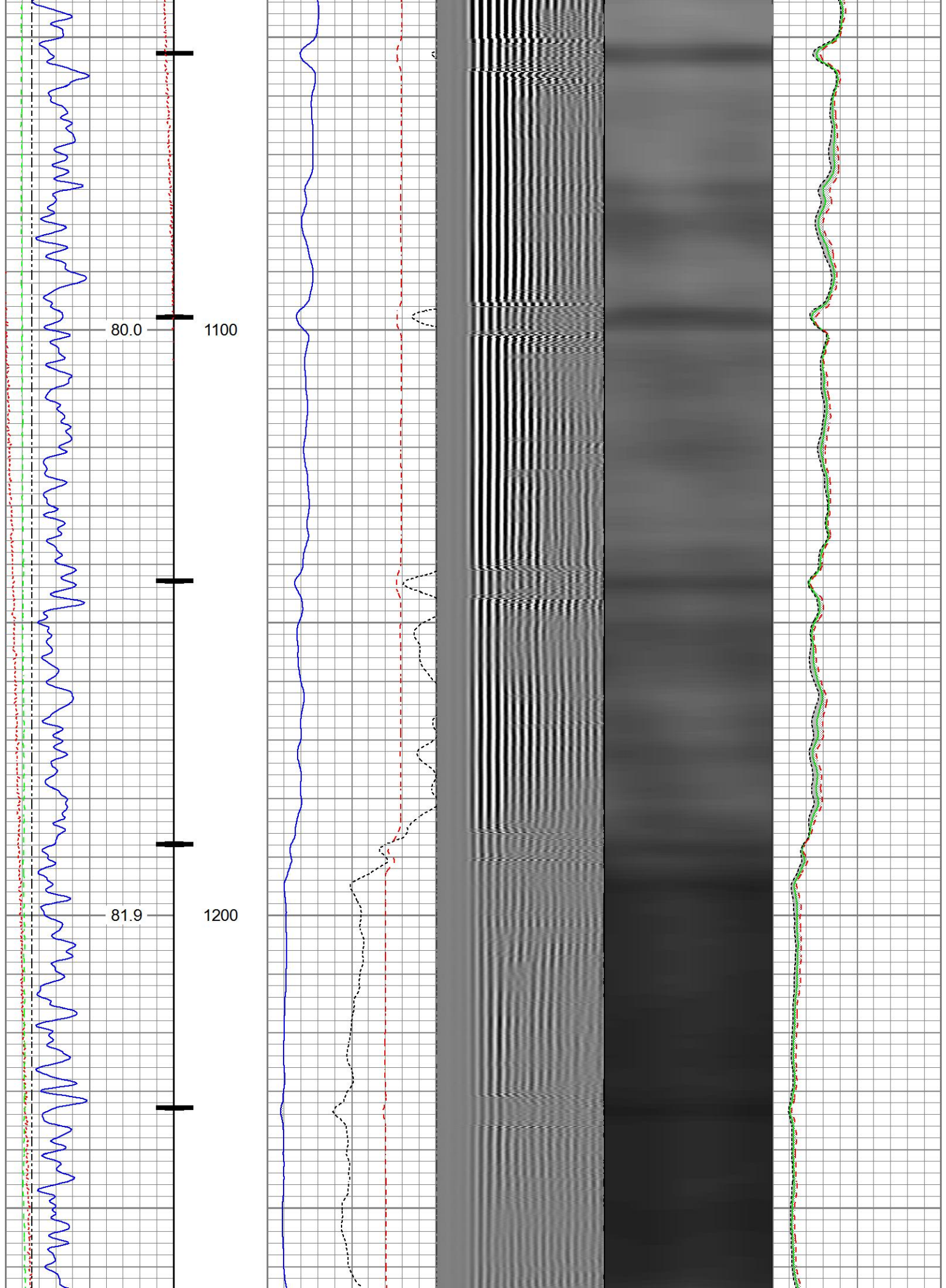


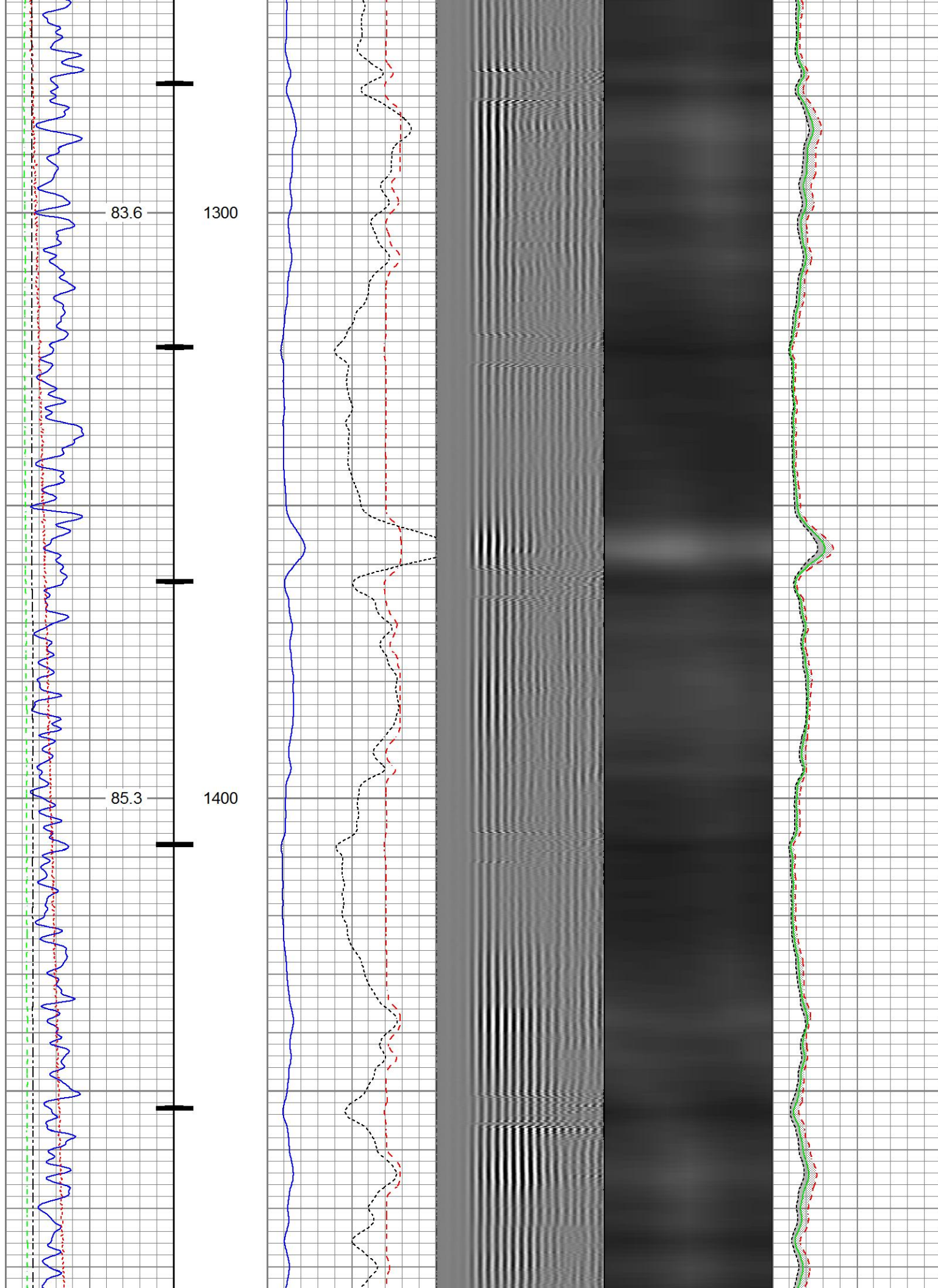




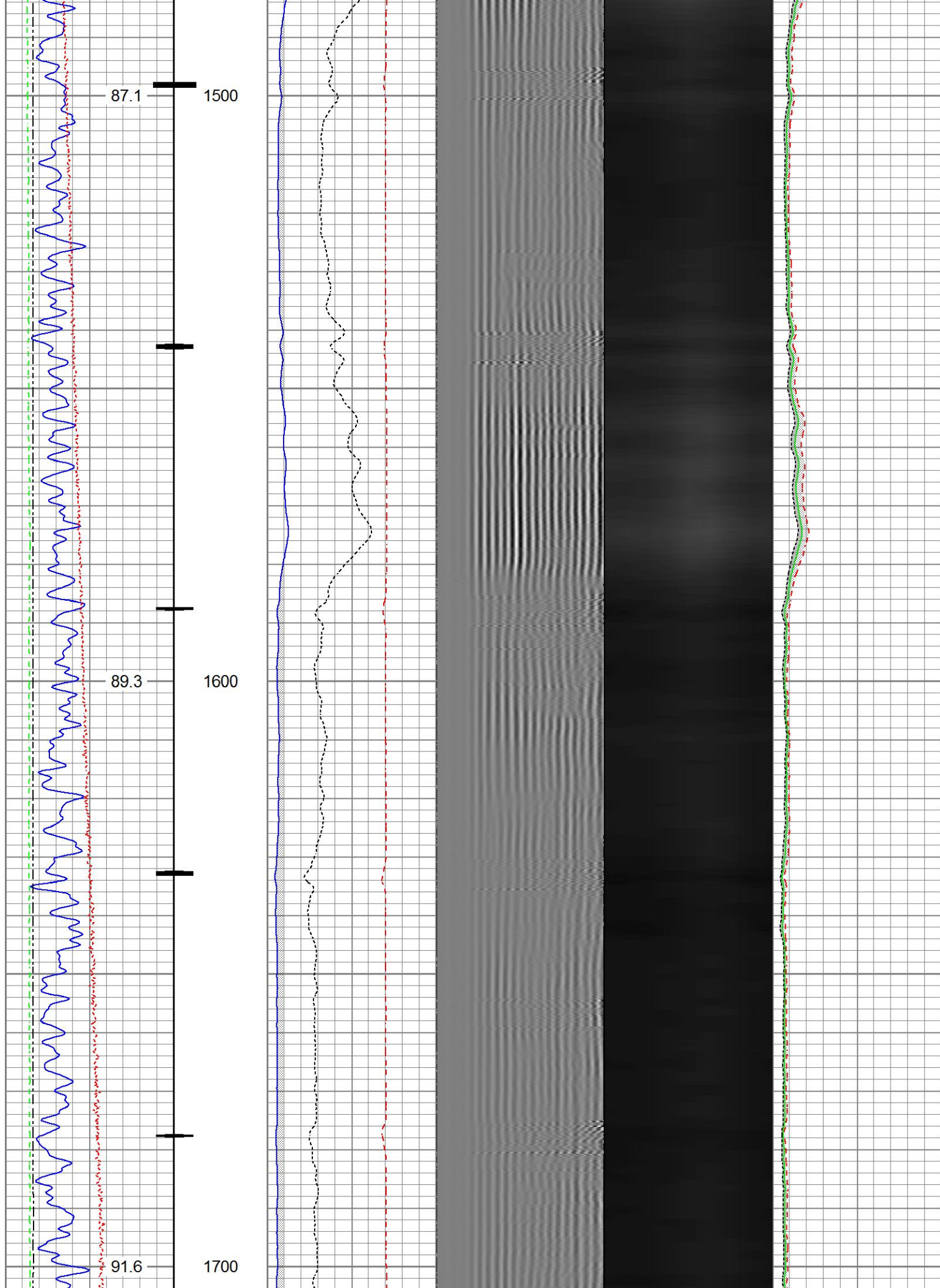


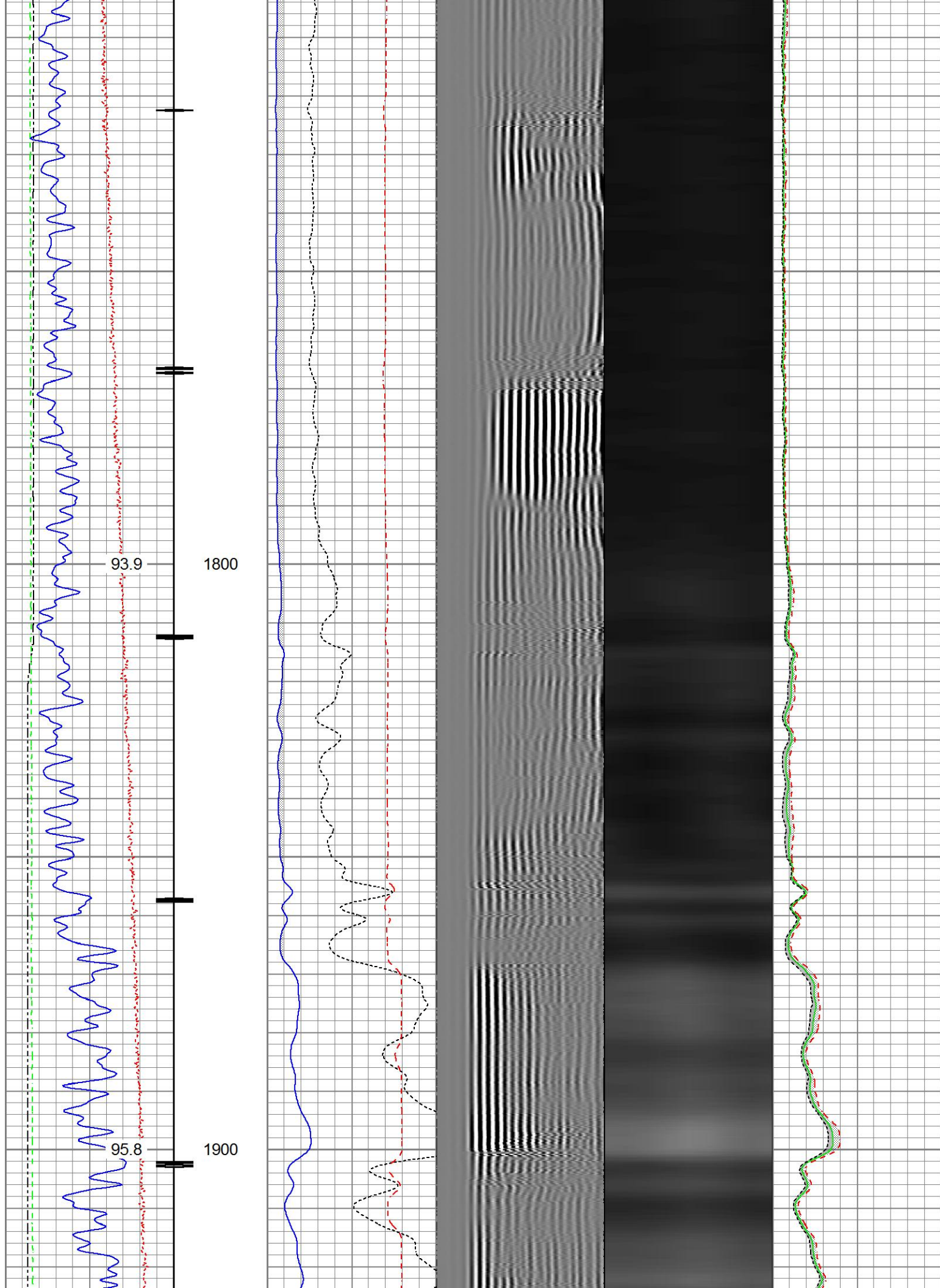




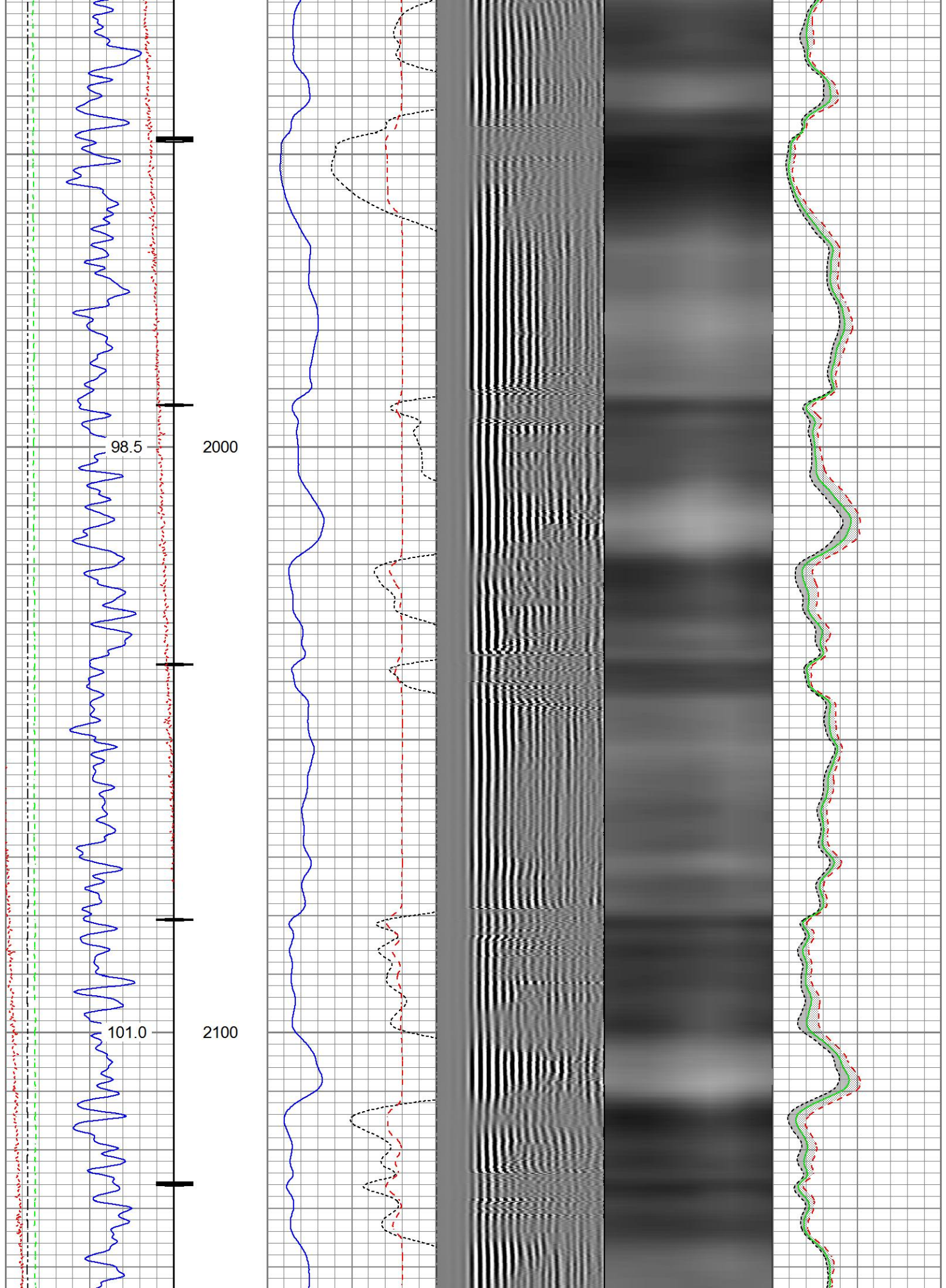


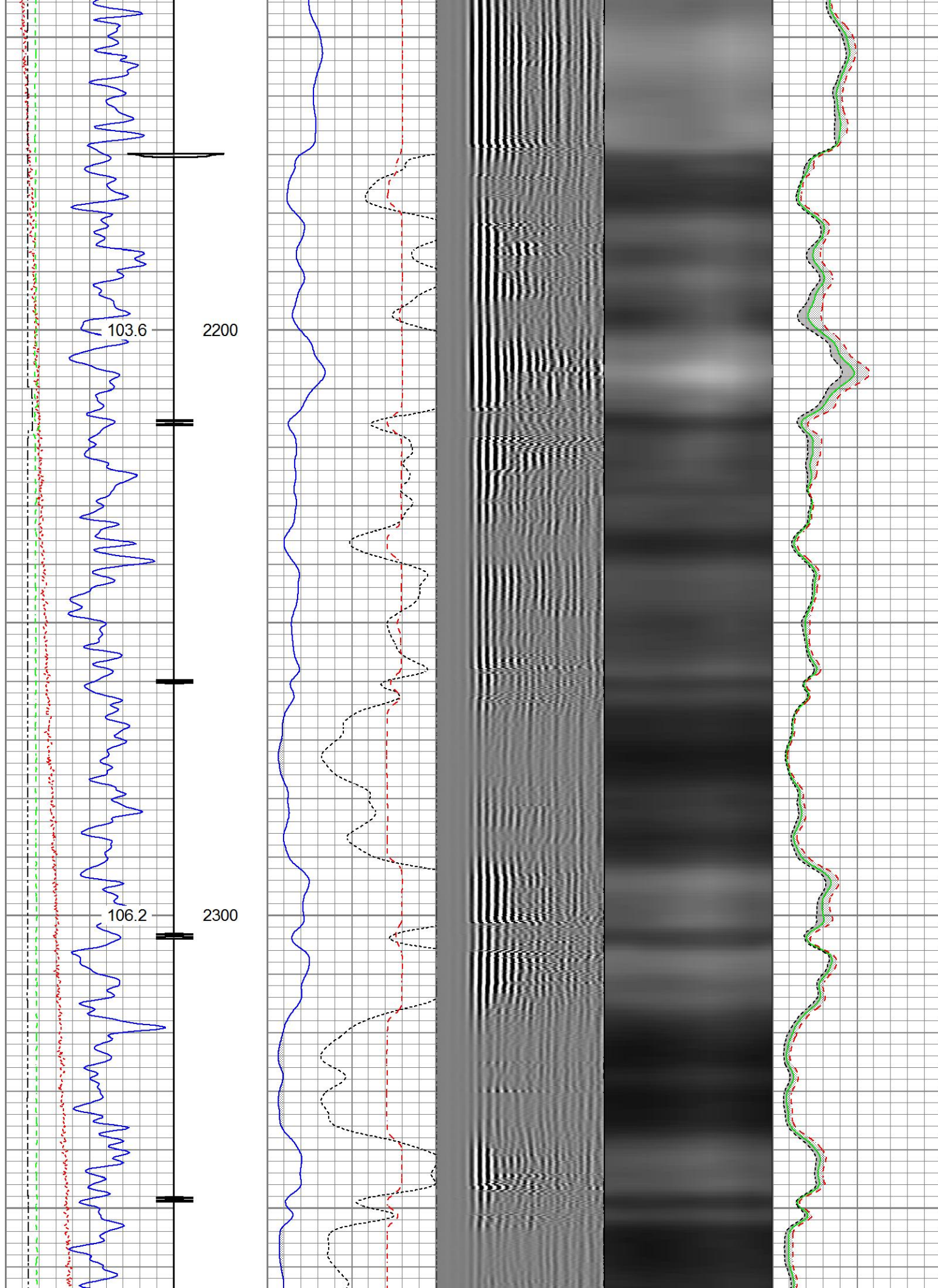




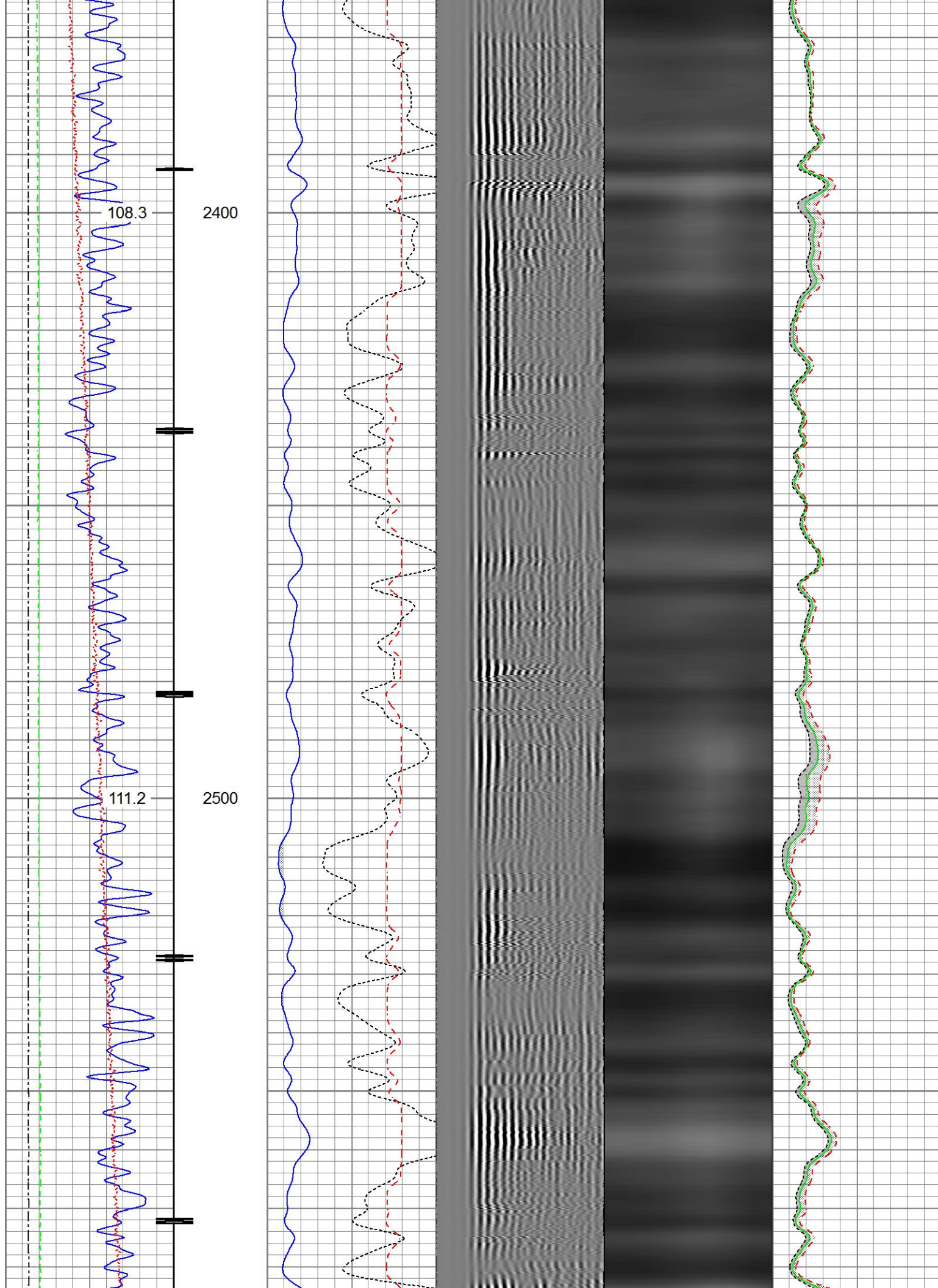


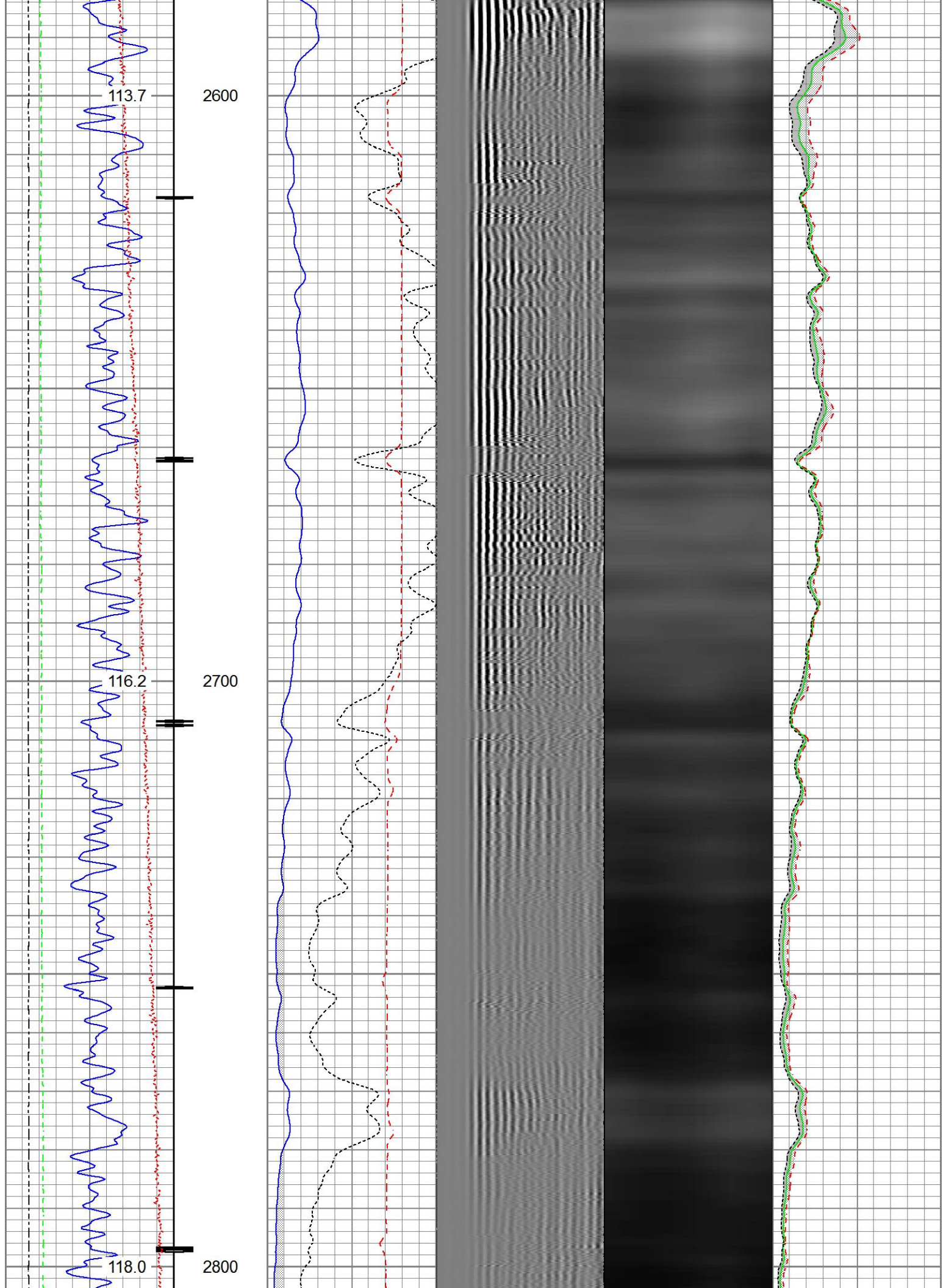




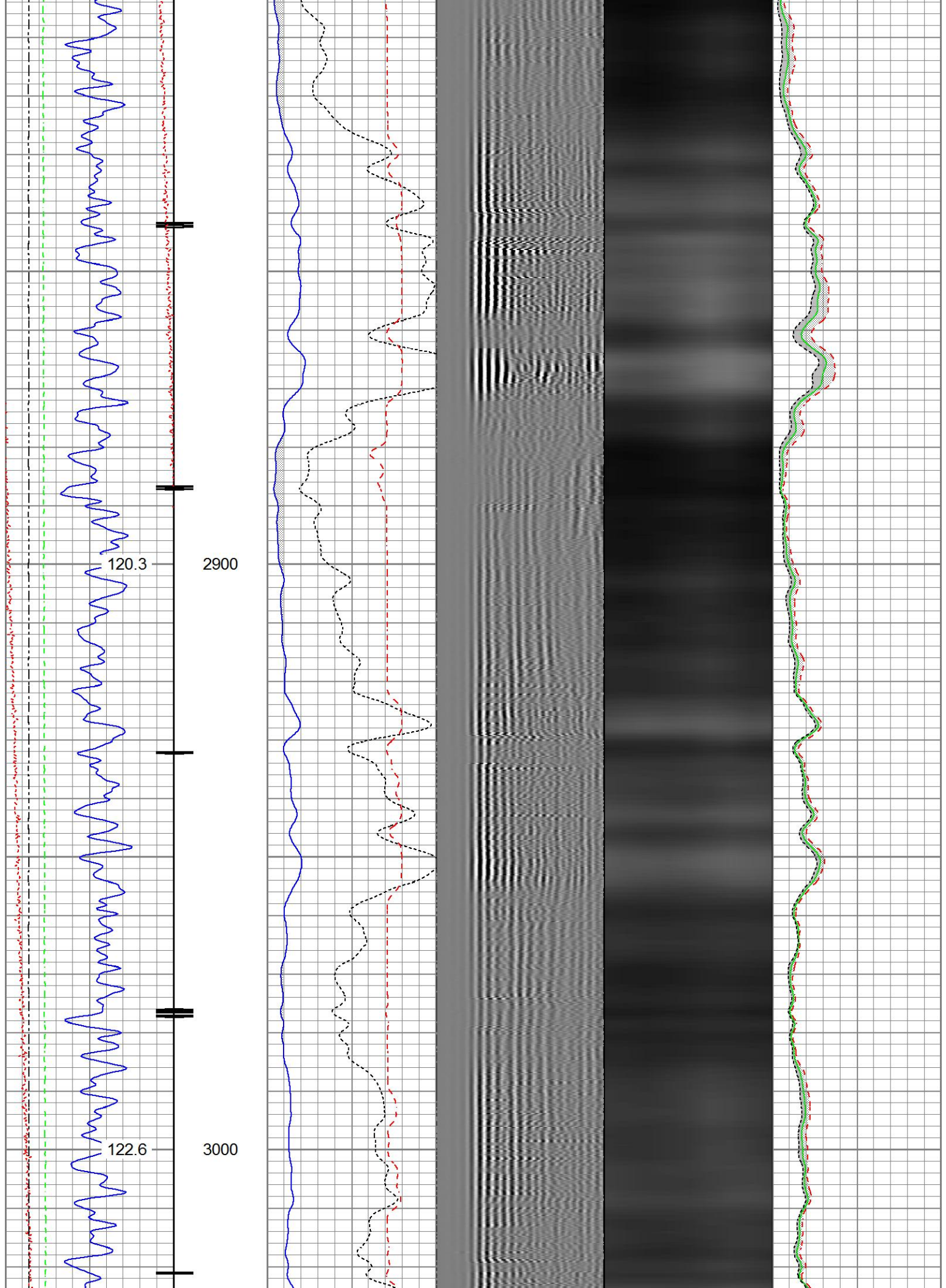


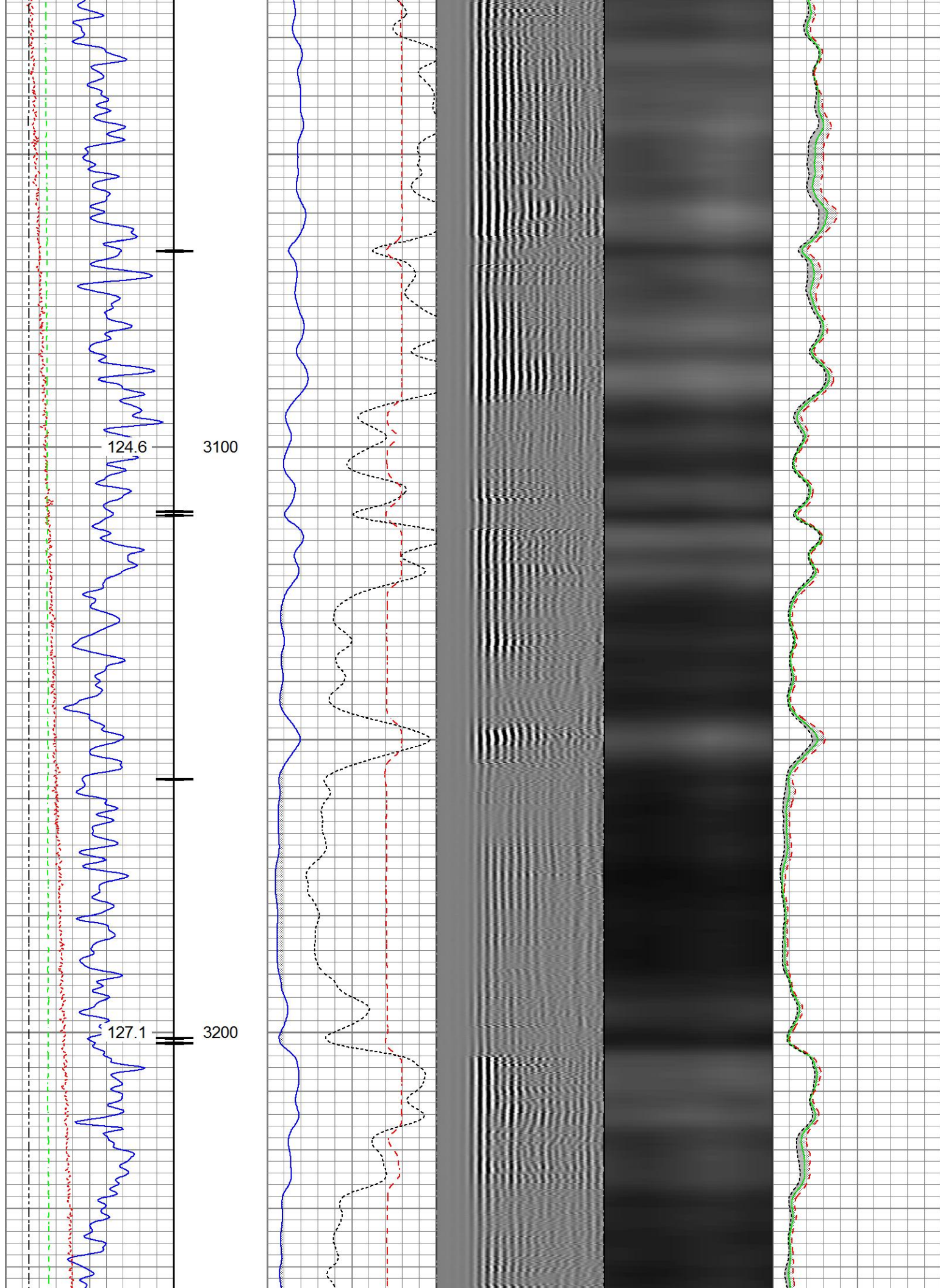




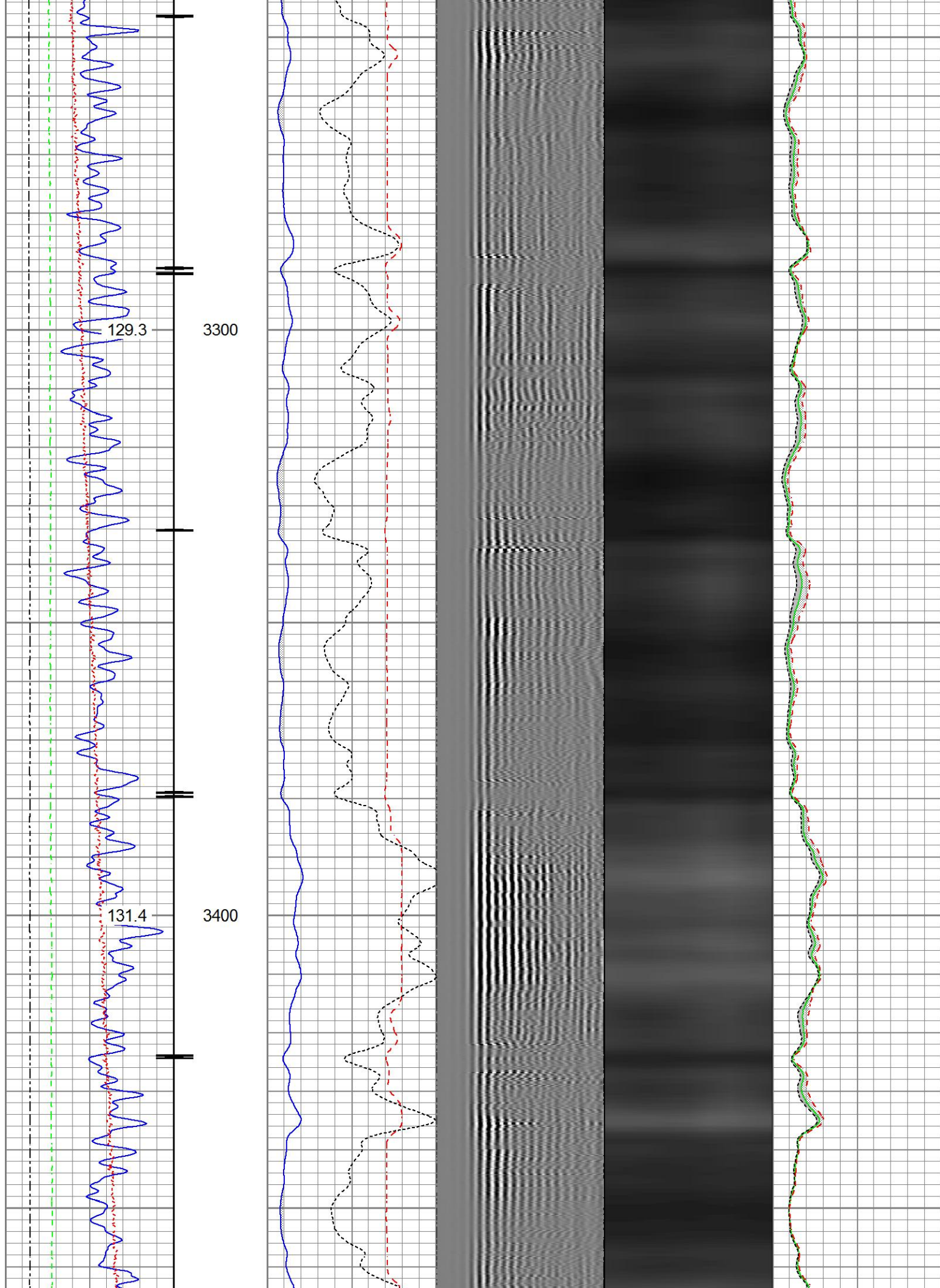


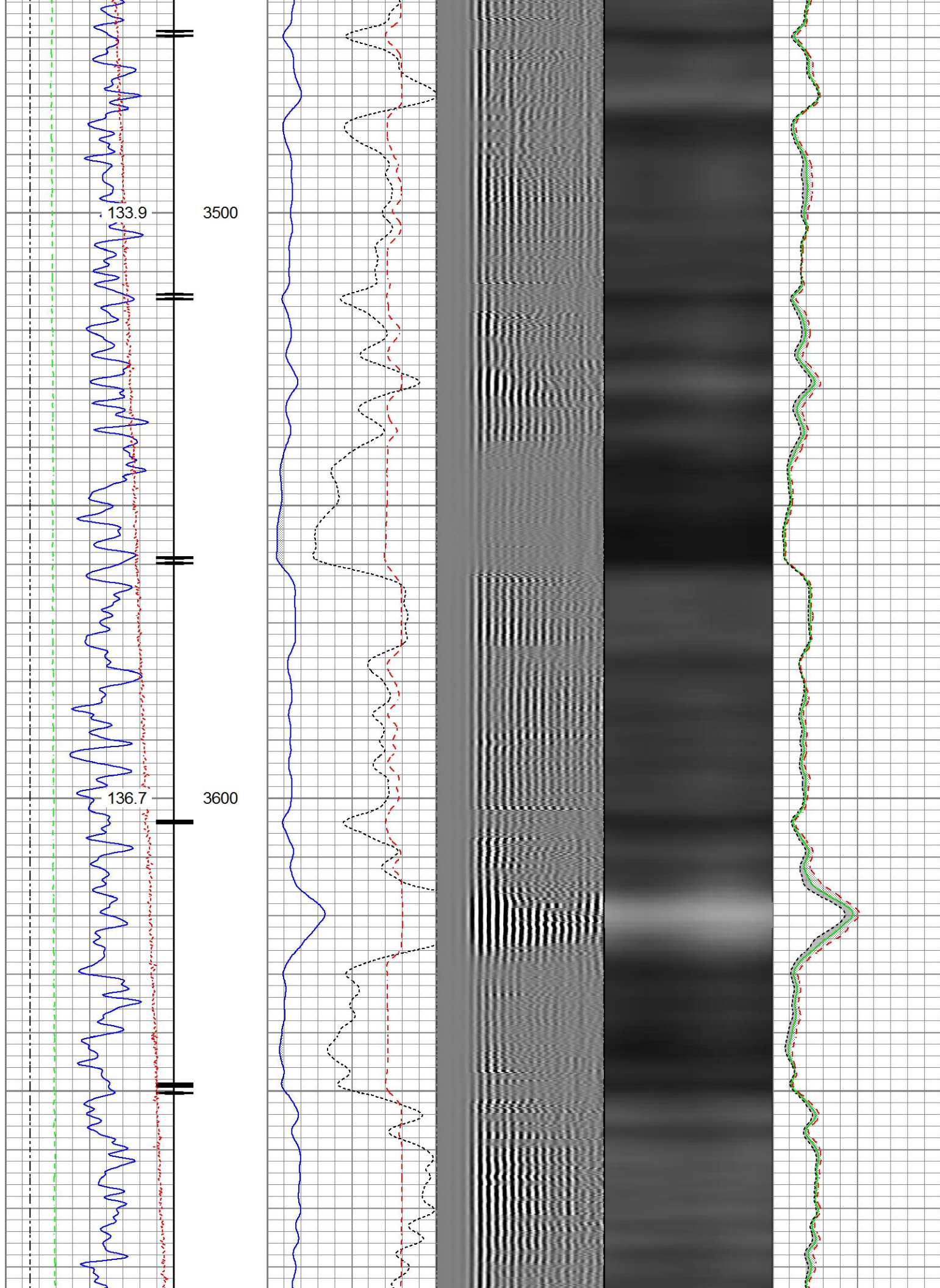




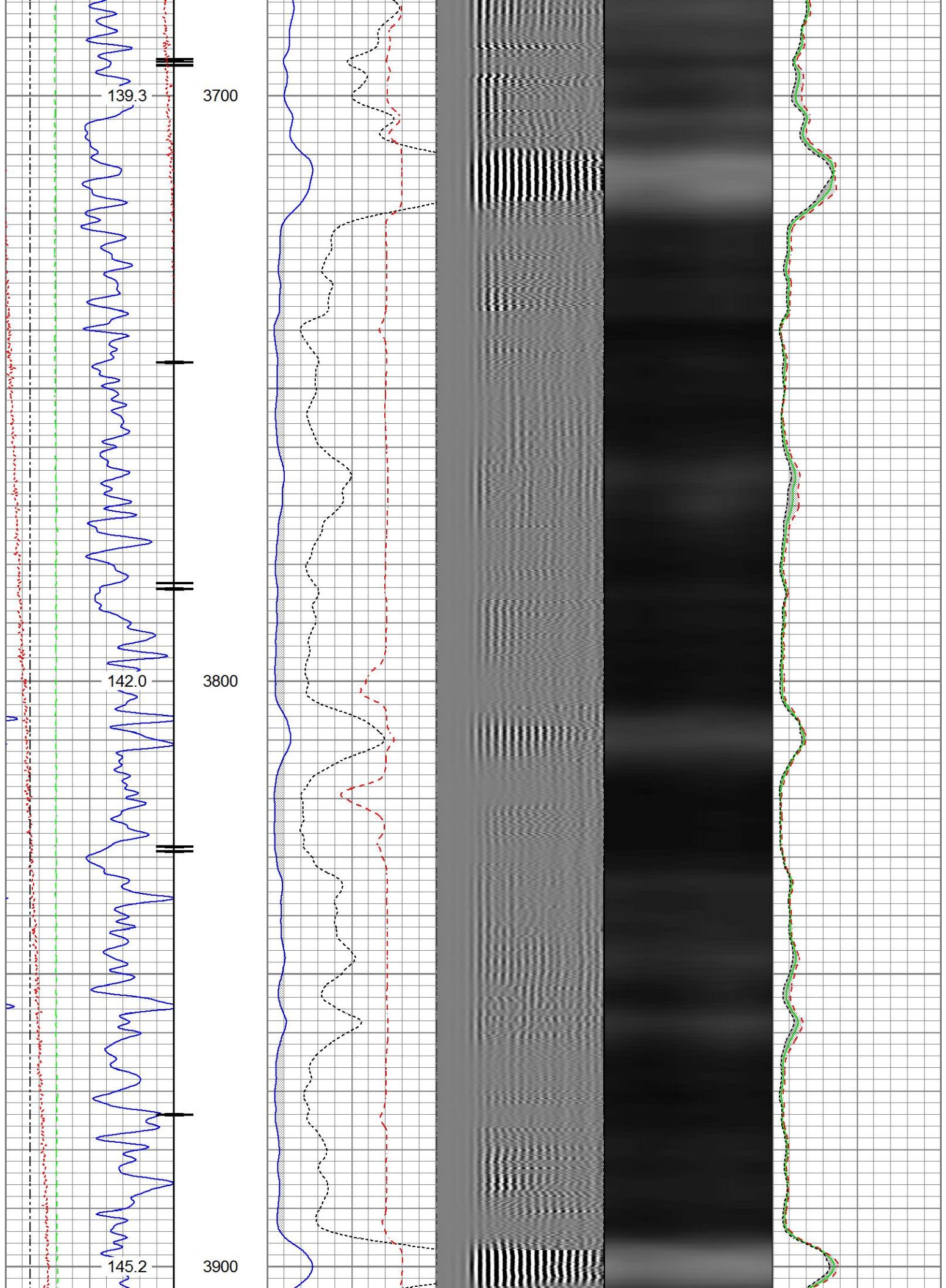


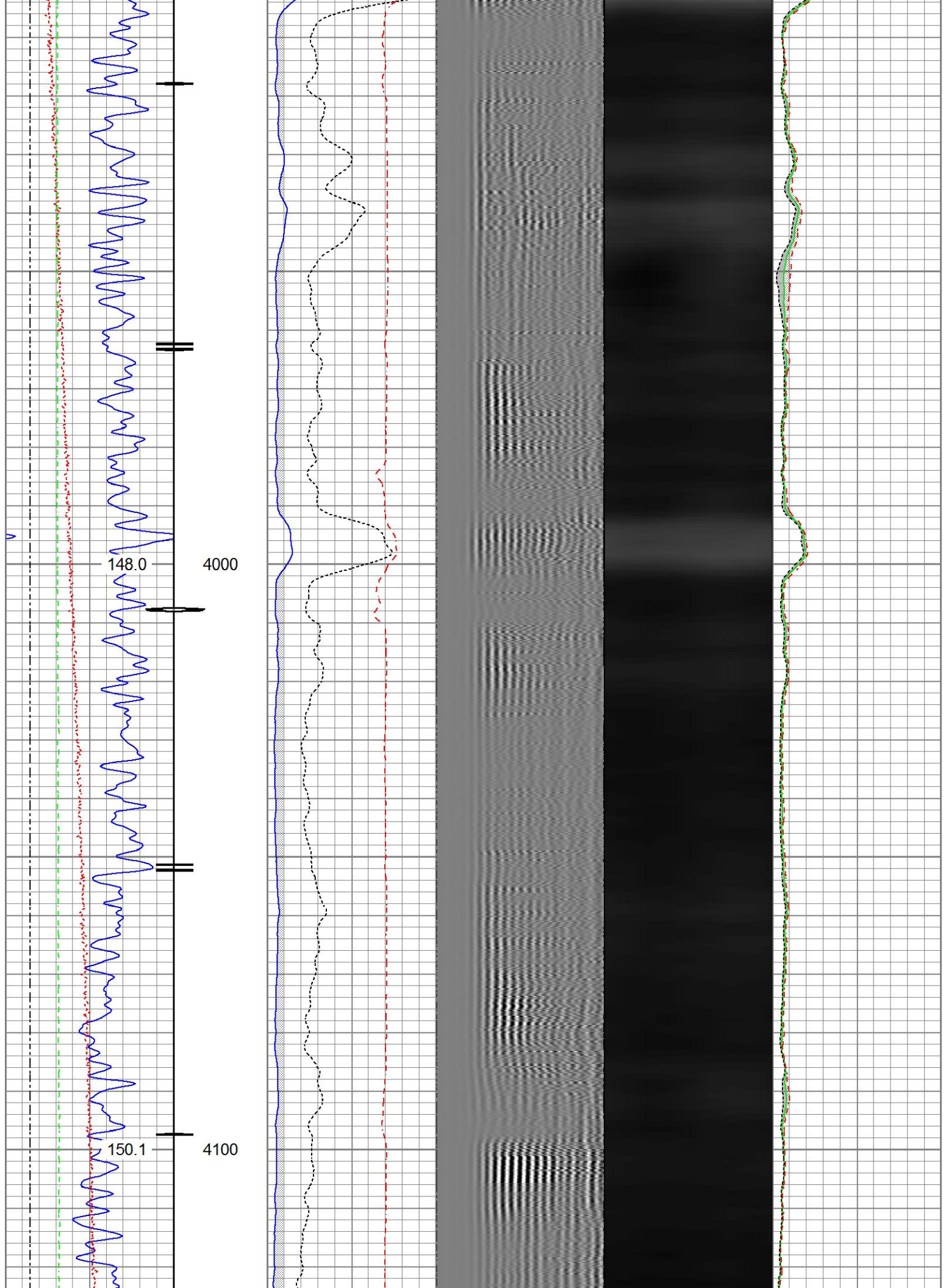




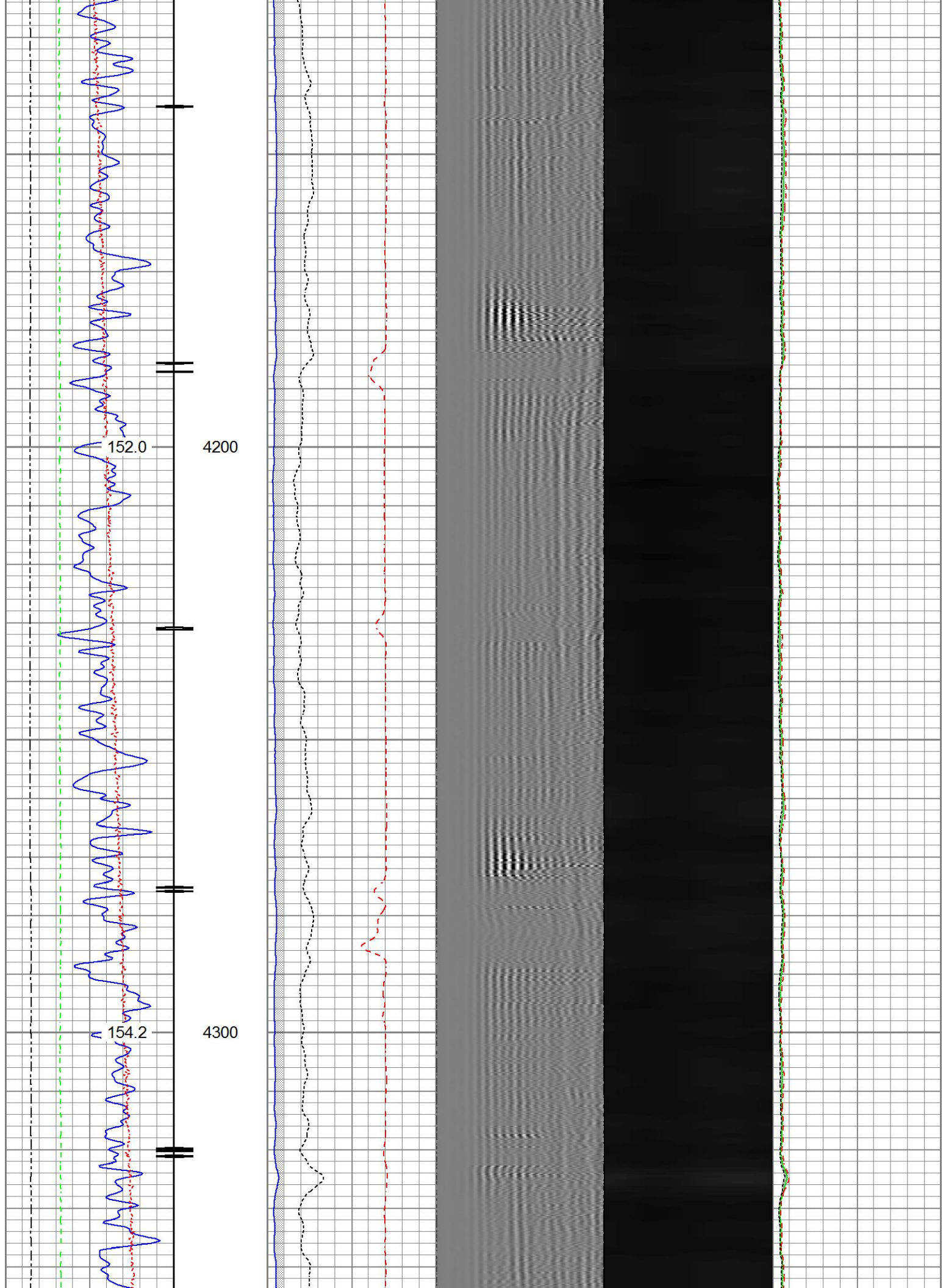


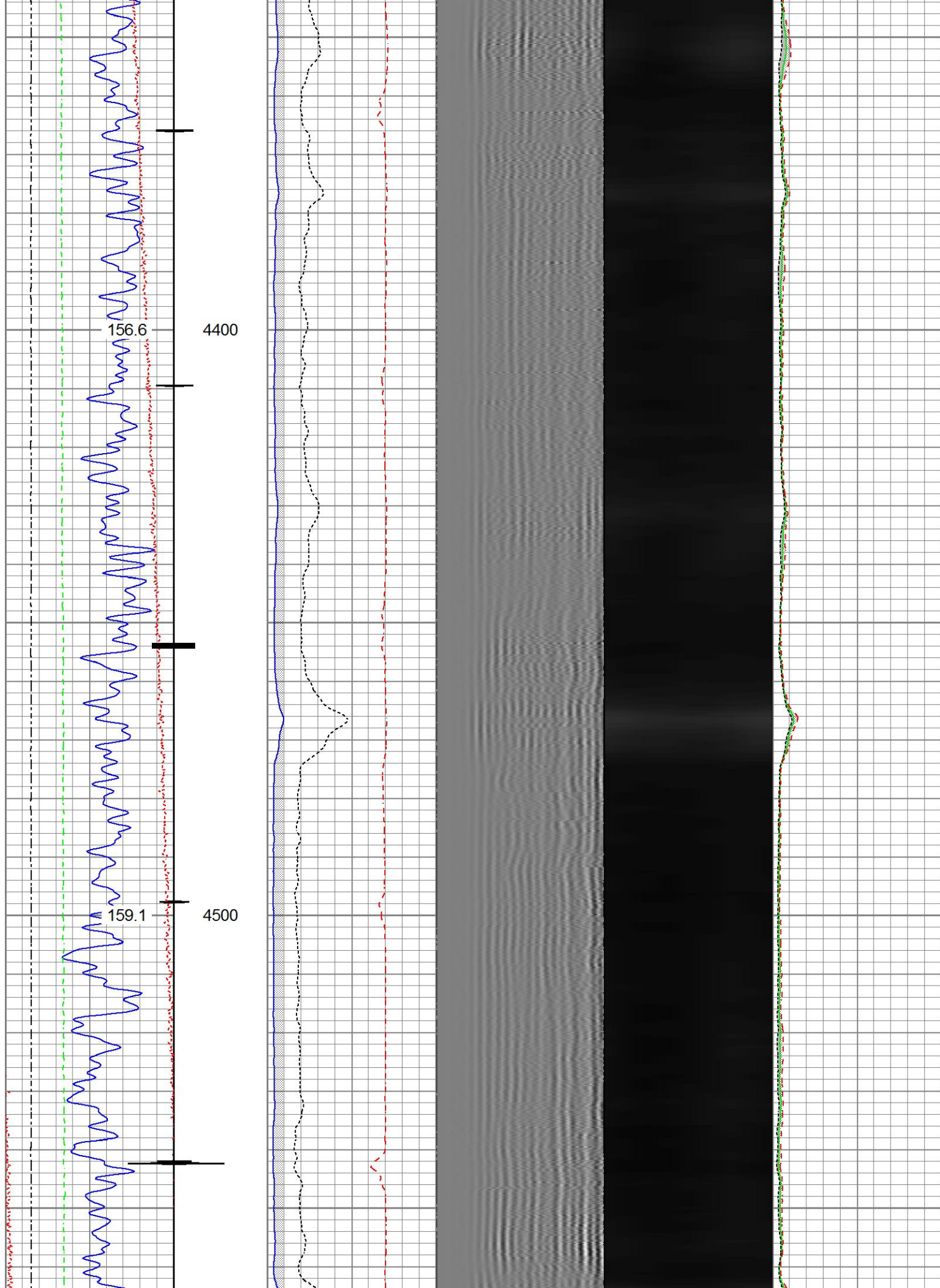




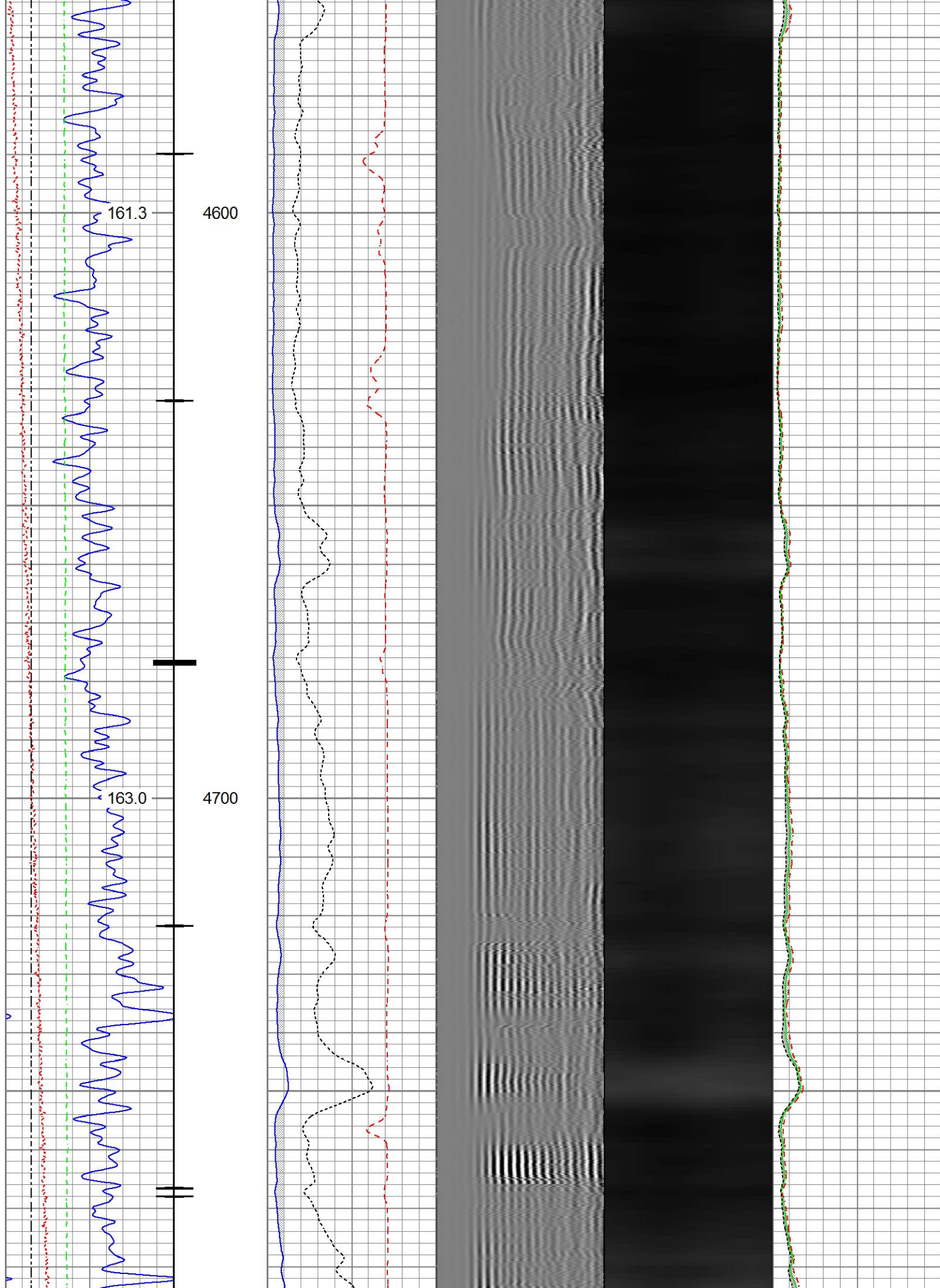


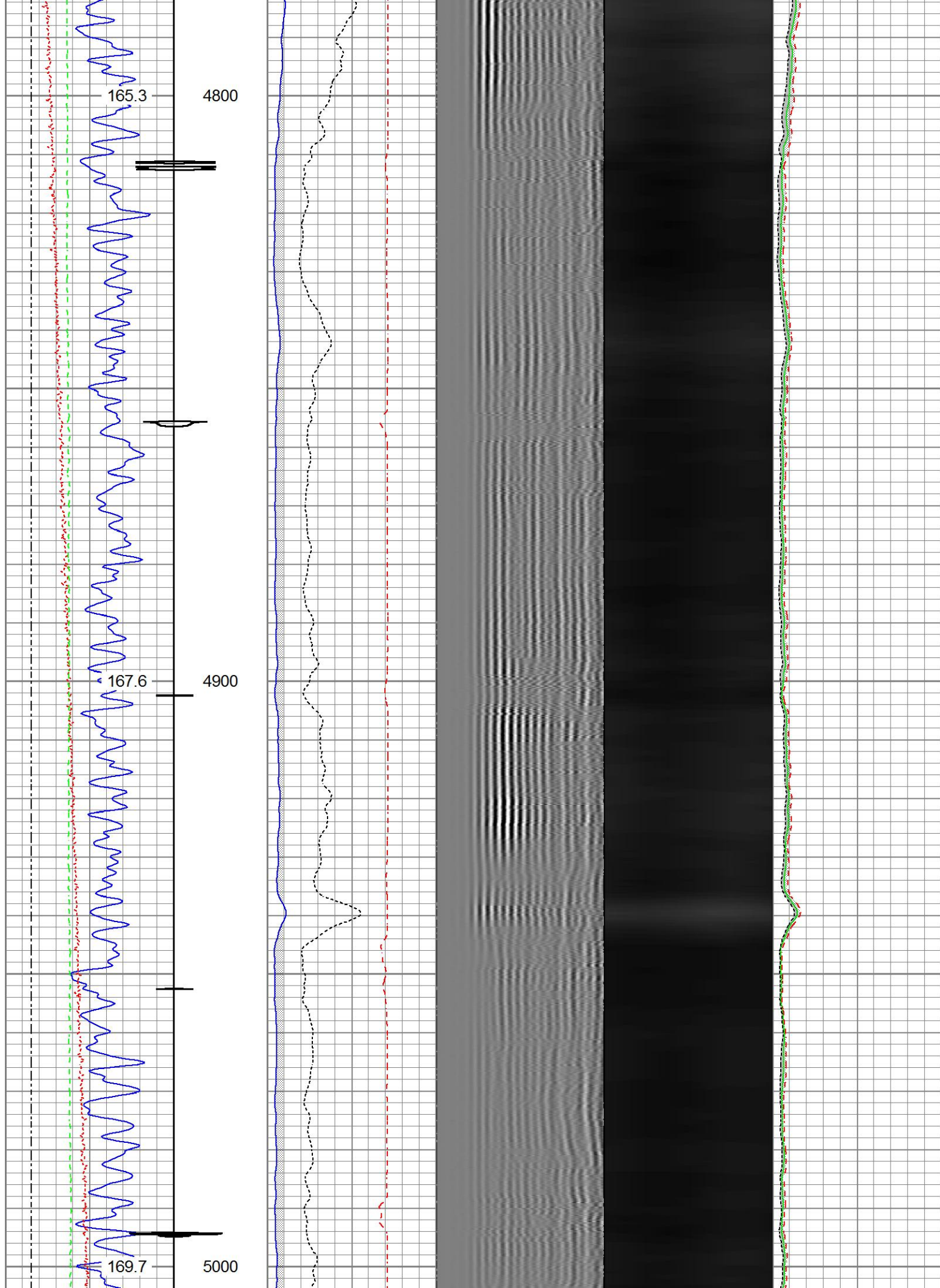




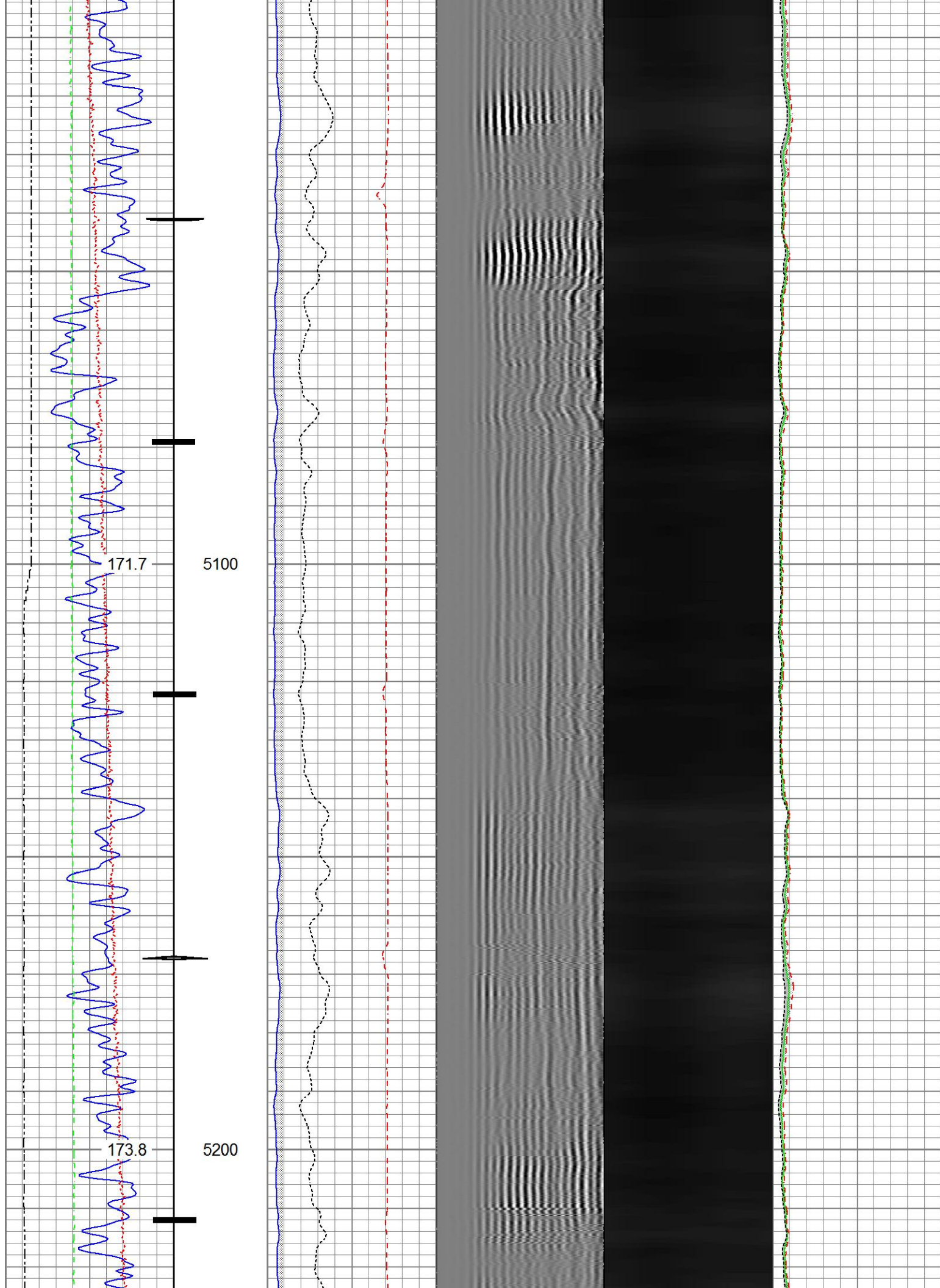


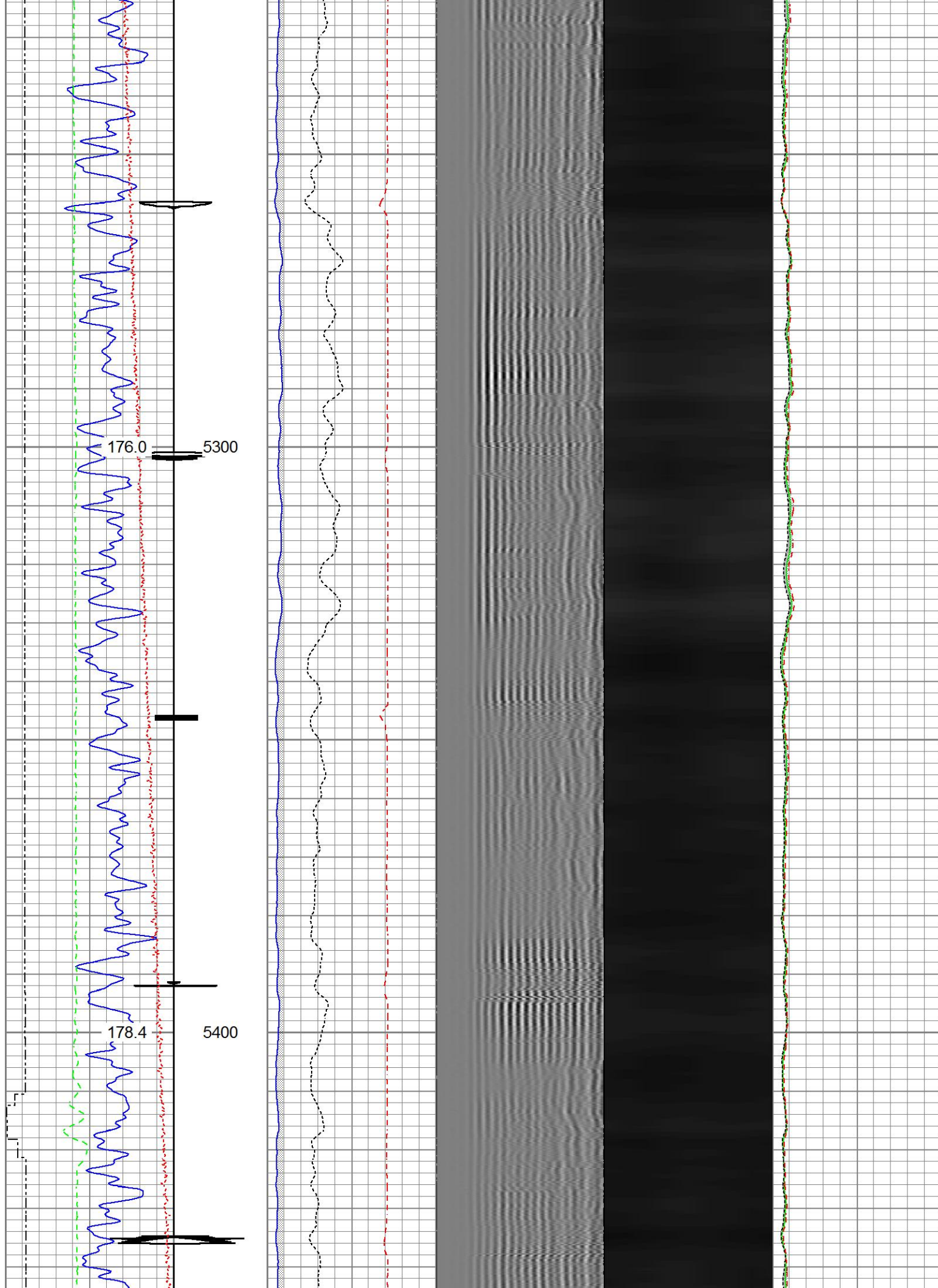




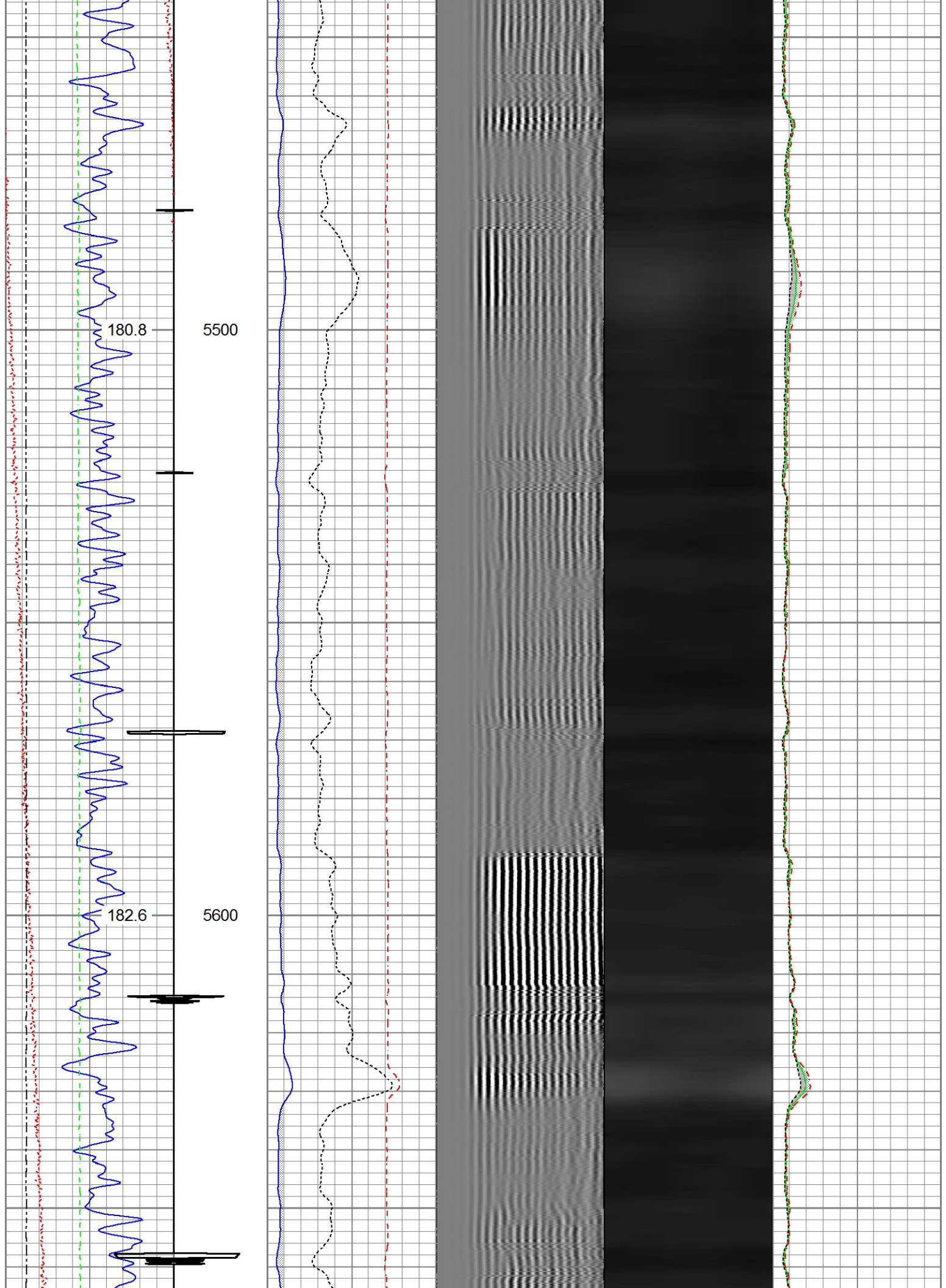


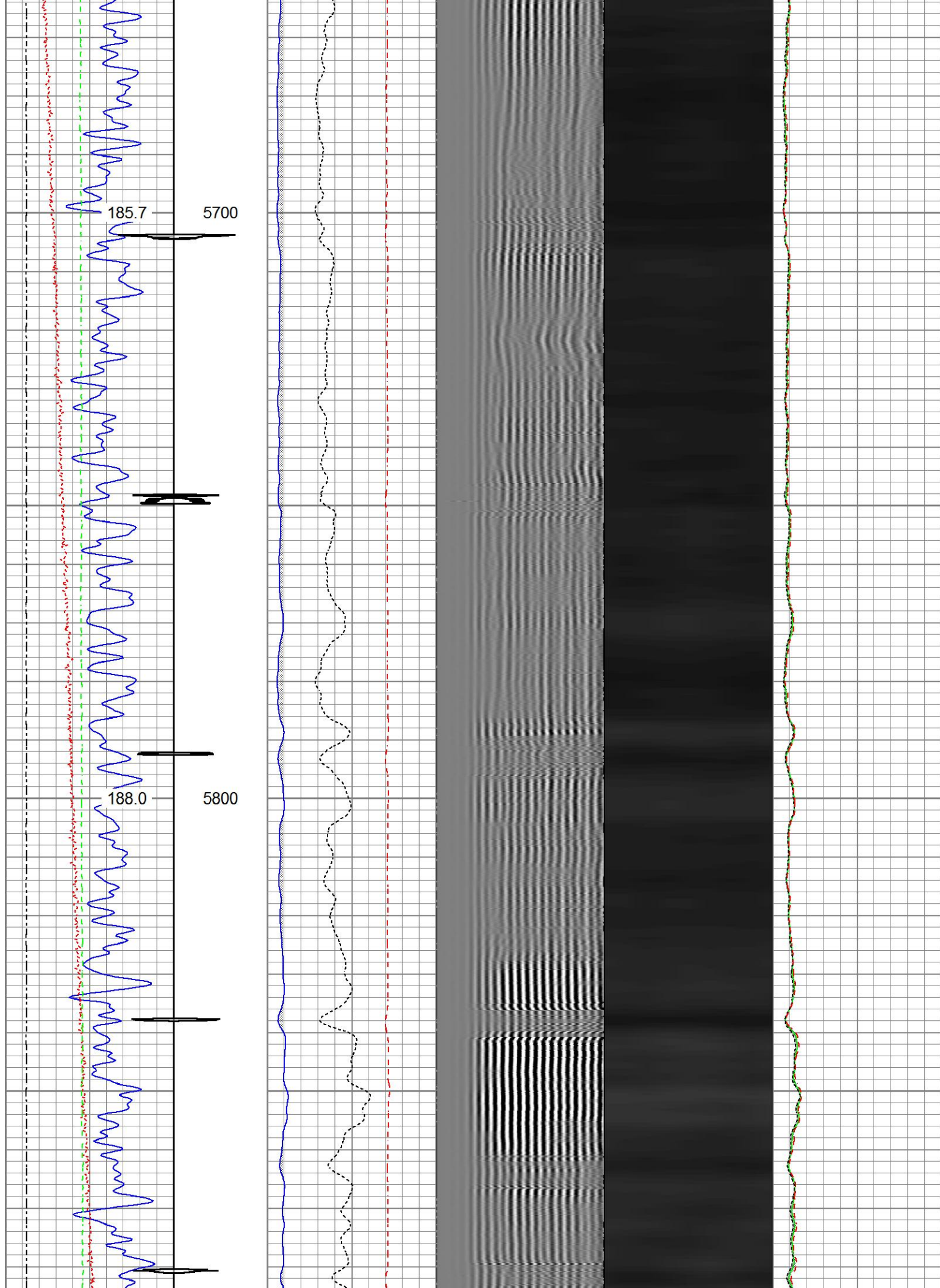




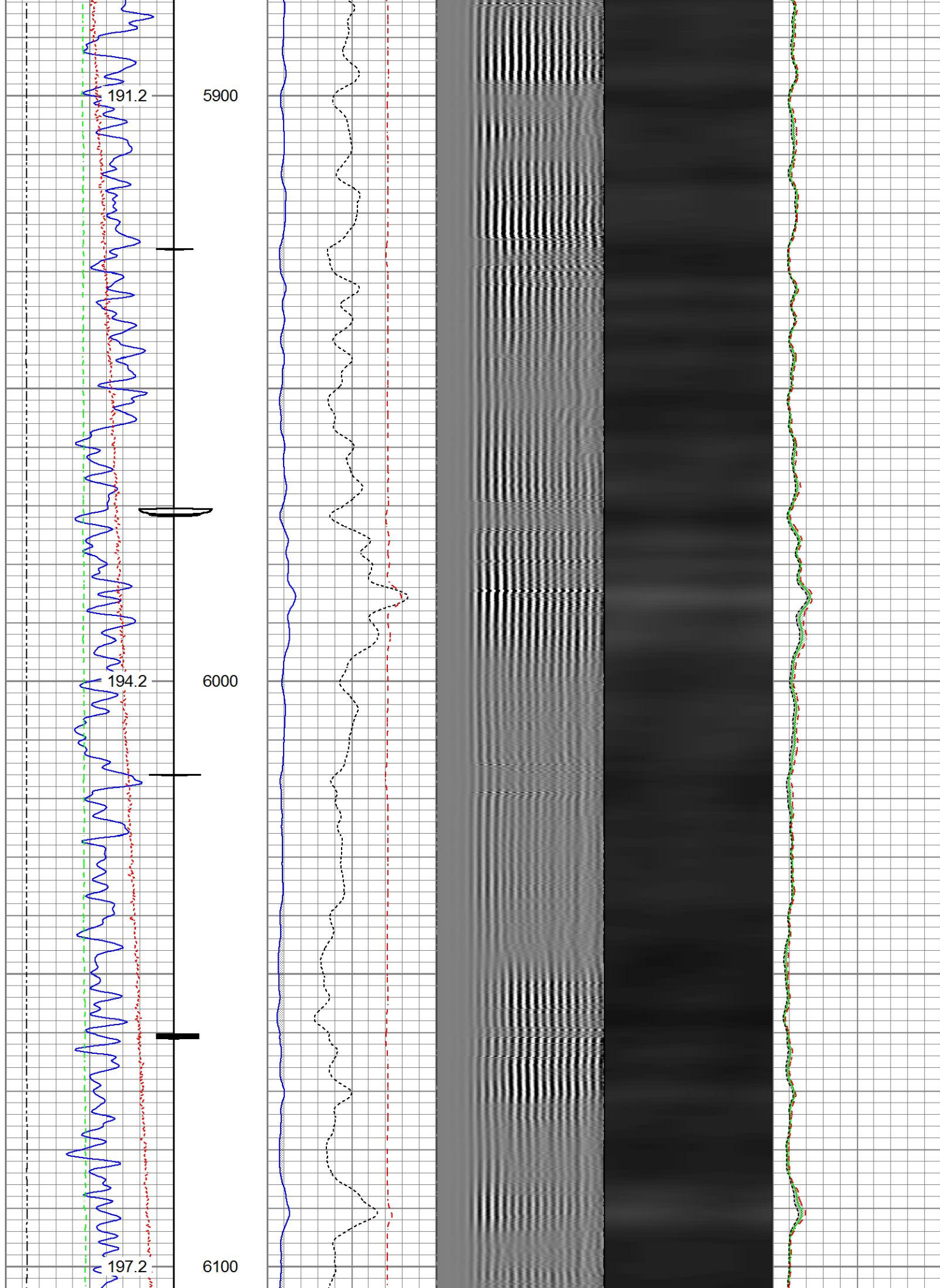


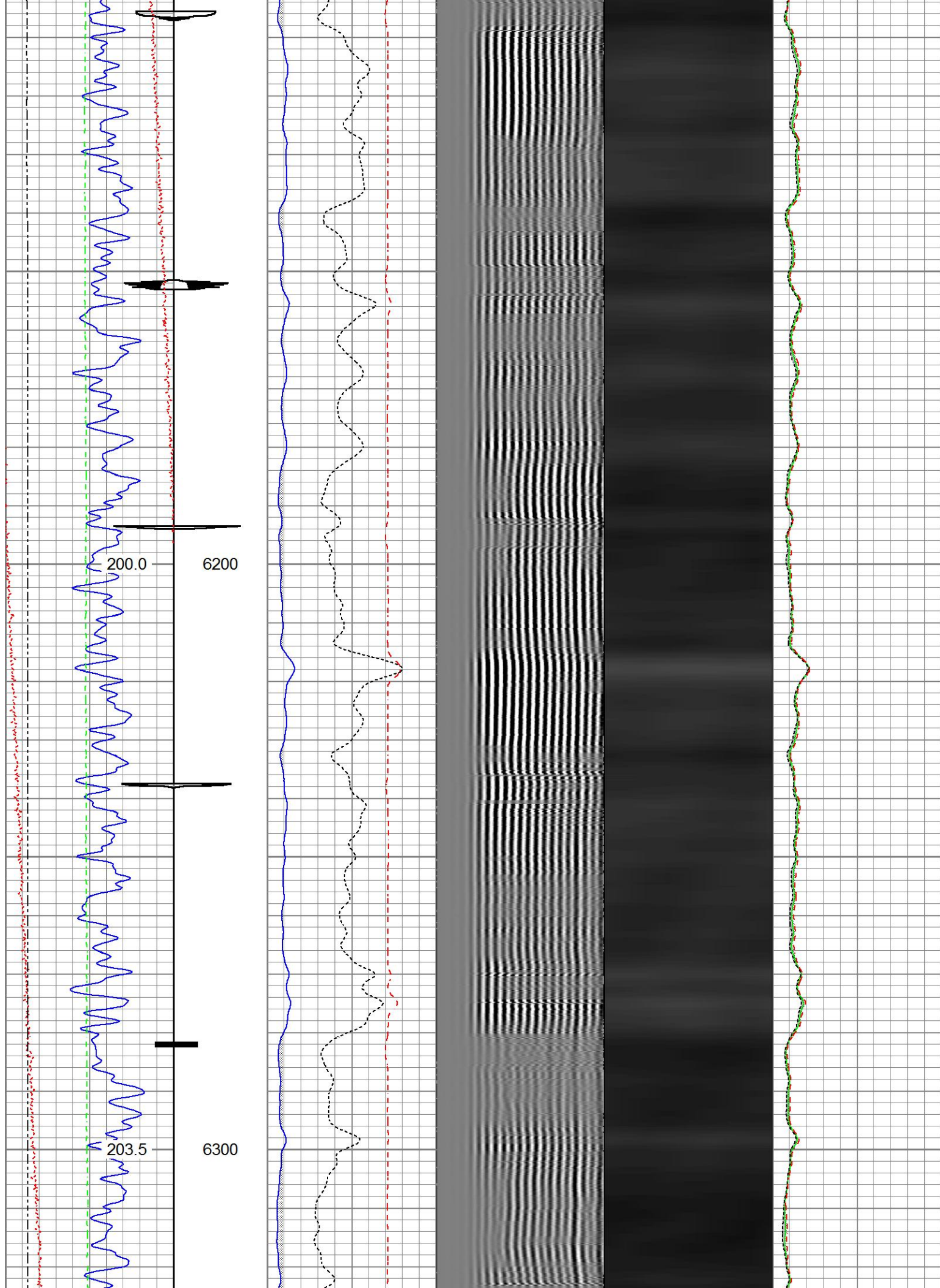




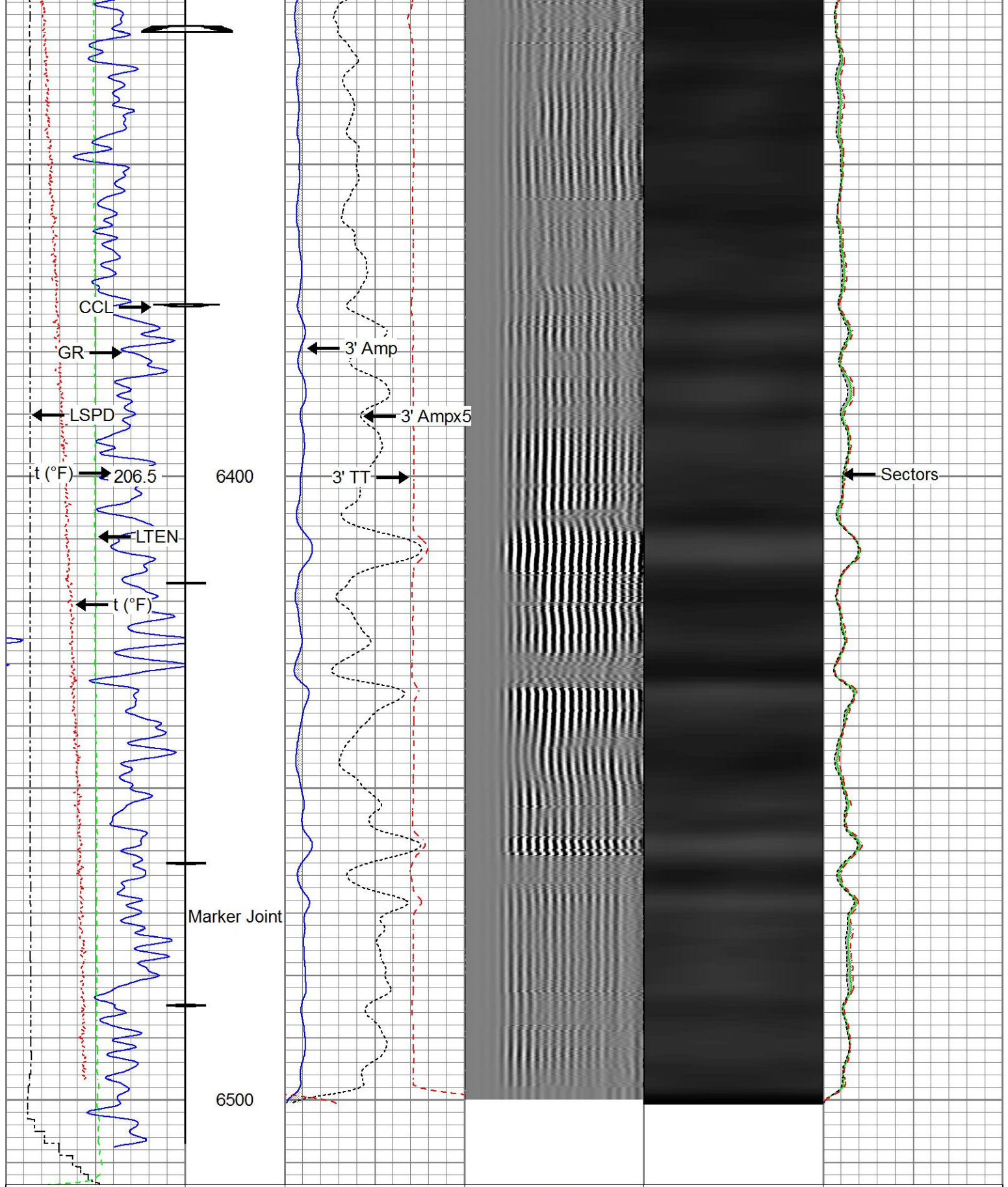












Gamma Ray 0 (GAPI) 120	3' Amplitude 0 (mV) 100	5' Variable Density Log 200 1200	Sector Map	Average Amplitude 0 100
Casing Collar Locator	3' Amplitude x 5 0 (mV) 20			Minimum Amplitude 0 100
Temperature 0 (degF) 20	3' Travel Time 650 (usec) 150			Maximum Amplitude 0 100
Line Speed				

150	(ft/min)	150
Line Tension		
0	(lb)	2000

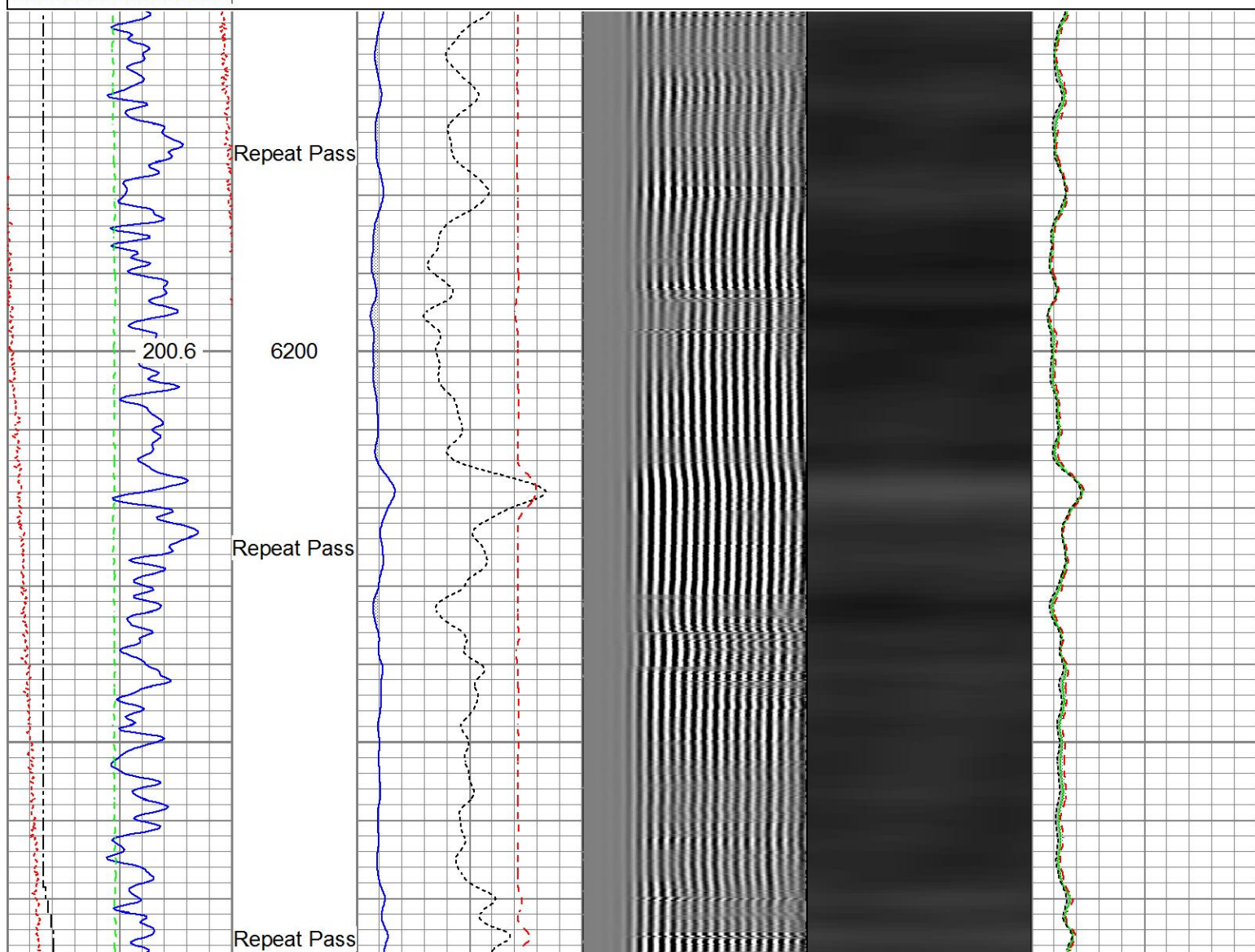


## Repeat Section

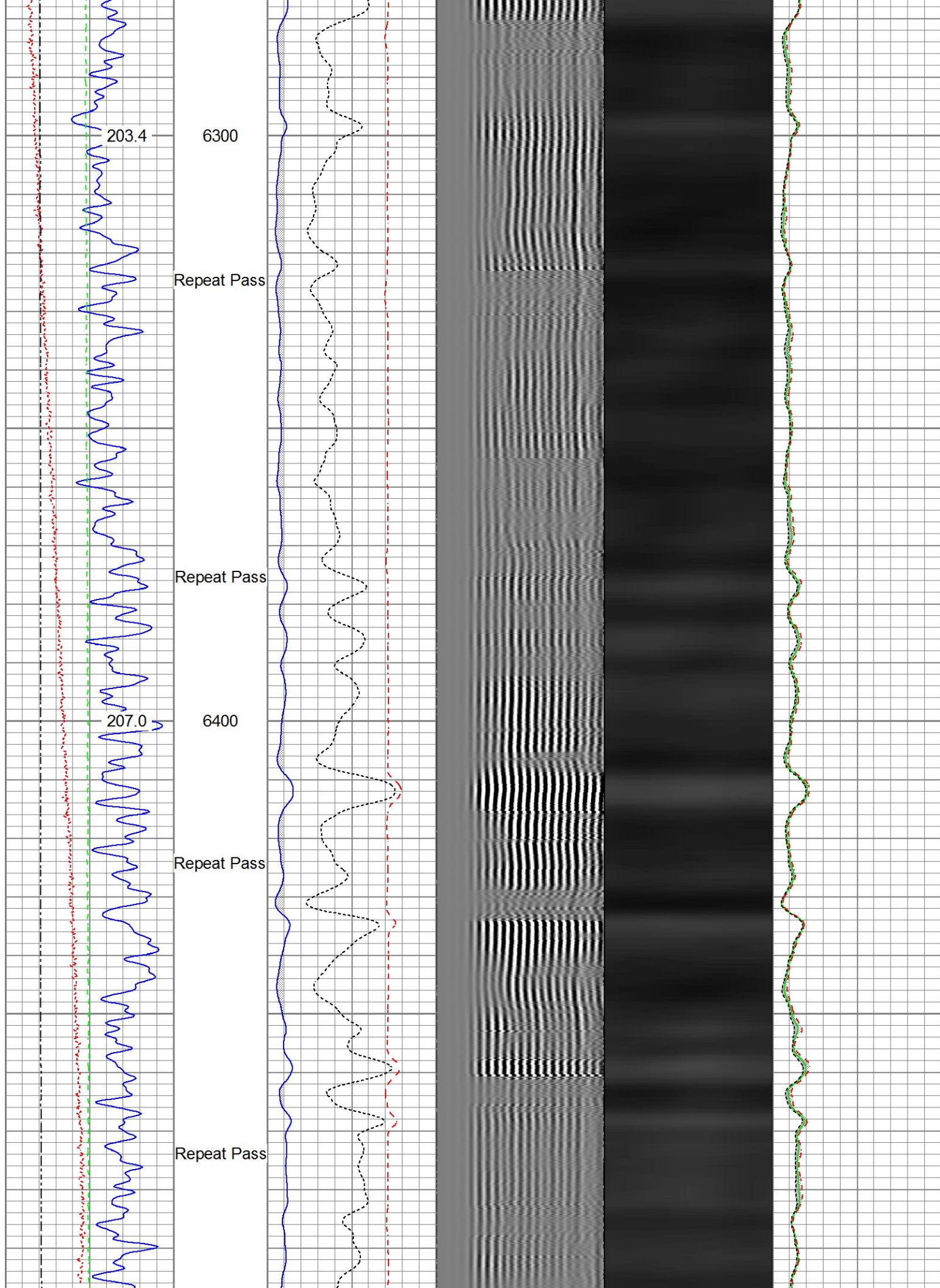
Recorded With 2800 PSI Surface Induced Pressure

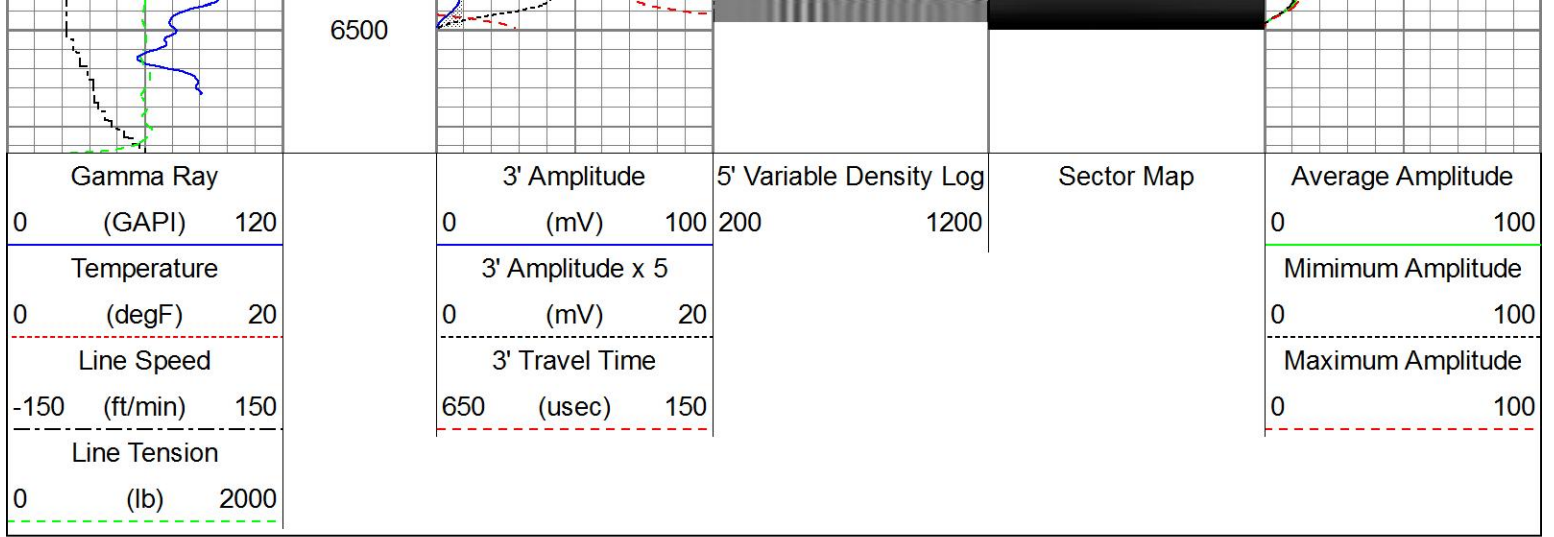
Database File: anadarko\_butterball 24n-34hz\0512344315\_anadarko\_butterball 24n-34hz\_rbl\_07-07-17\_w8.db  
 Dataset Pathname: repeat1  
 Presentation Format: ros\_radrii  
 Dataset Creation: Fri Jul 07 12:05:16 2017  
 Charted by: Depth in Feet scaled 1:240



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










Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Titan_Electric_Cable_Heads-Titan_1-11/161.03 Electric Cable Head with 1" Fishing Neck	161.03	1.69	5.40
			Probe_ELine_BowSpring_Centralizer-PEE2.88275 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
HeadVolt	19.51					
Temp	16.72					
WVFS8	14.55		Probe_RADII-C-P_RBT_2750 (FW1305-099.19 Probe 2-3/4" Sector Cement Bond Tool with Temperature Probe	99.19	2.75	105.00
WVFS7	14.55					
WVFS6	14.55					
WVFS5	14.55					
WVFS4	14.55					
WVFS3	14.55					
WVFS2	14.55					
WVFS1	14.55					
WVFCAL	14.55					
WVF3FT	14.55					
WVF5FT	13.55					
HEADVOLT	10.30		Probe_ELine_BowSpring_Centralizer-PEE2.88275 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
DCCL	6.51					
CCL	6.51					
			Probe_GR_CCI-P_CGR_2750_S (FW1304543)	54.3	2.75	55.00



GR	3.77		Probe 2-3/4" Digital CCL / Gamma Ray Combined	2.75	20.00
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Dataset: 0512344315\_Anadarko\_Butterball 24N-34HZ\_RBL\_07-07-17\_w8.db: field/well/run1/mainmain1

Total length: 23.40 ft

Total weight: 225.40 lb

O.D.: 2.75 in

<div> <div>Calibration Report</div> <div> <div>Database File</div> <div>D:\Warrior\Data\Anadarko_Butterball 24N-34HZ\0512344315_Anadarko_Butterball 24N-34HZ_RBL_07-07-17</div> </div> <div> <div>Dataset Pathname</div> <div>mainmain1.1</div> </div> <div> <div>Dataset Creation</div> <div>Fri Jul 07 13:17:02 2017</div> </div> </div>						
Gamma Ray Calibration Report						
Serial Number:		FW1307-038				
Tool Model:		P_CGR_2750_S				
Performed:		Sat Feb 06 11:43:09 2016				
Calibrator Value:		1.0	GAPI			
Background Reading:		0.0	cps			
Calibrator Reading:		1.6	cps			
Sensitivity:		0.6061	GAPI/cps			
Segmented Cement Bond Log Calibration Report						
Serial Number:		FW1305-096				
Tool Model:		P_RBT_2750				
Calibration Casing Diameter:		5.500	in			
Calibration Depth:		20.000	ft			
Master Calibration, performed (Derived):						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.002	0.714	0.800	71.921	99.890	0.641
CAL	0.762	0.764				
5'	-0.018	0.633	0.800	71.921	109.369	2.734
SUM						
S1	0.002	0.700	0.000	100.000	143.324	-0.257
S2	0.002	0.699	0.000	100.000	143.539	-0.265
S3	0.002	0.700	0.000	100.000	143.207	-0.235
S4	0.002	0.703	0.000	100.000	142.667	-0.227
S5	0.002	0.722	0.000	100.000	138.756	-0.218
S6	0.002	0.744	0.000	100.000	134.633	-0.218
S7	0.002	0.744	0.000	100.000	134.728	-0.235
S8	0.002	0.740	0.000	100.000	135.552	-0.250

Internal Reference Calibration, performed (Not Performed).

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.762	0.764	1.000	0.000

Air Zero Calibration, performed Fri Jul 07 11:32:38 2017:

	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



Company	Kerr-McGee Oil & Gas Onshore, L.P.
Well	Butterball 24N-34HZ
Field	Wattenberg
County	Weld
State	Colorado