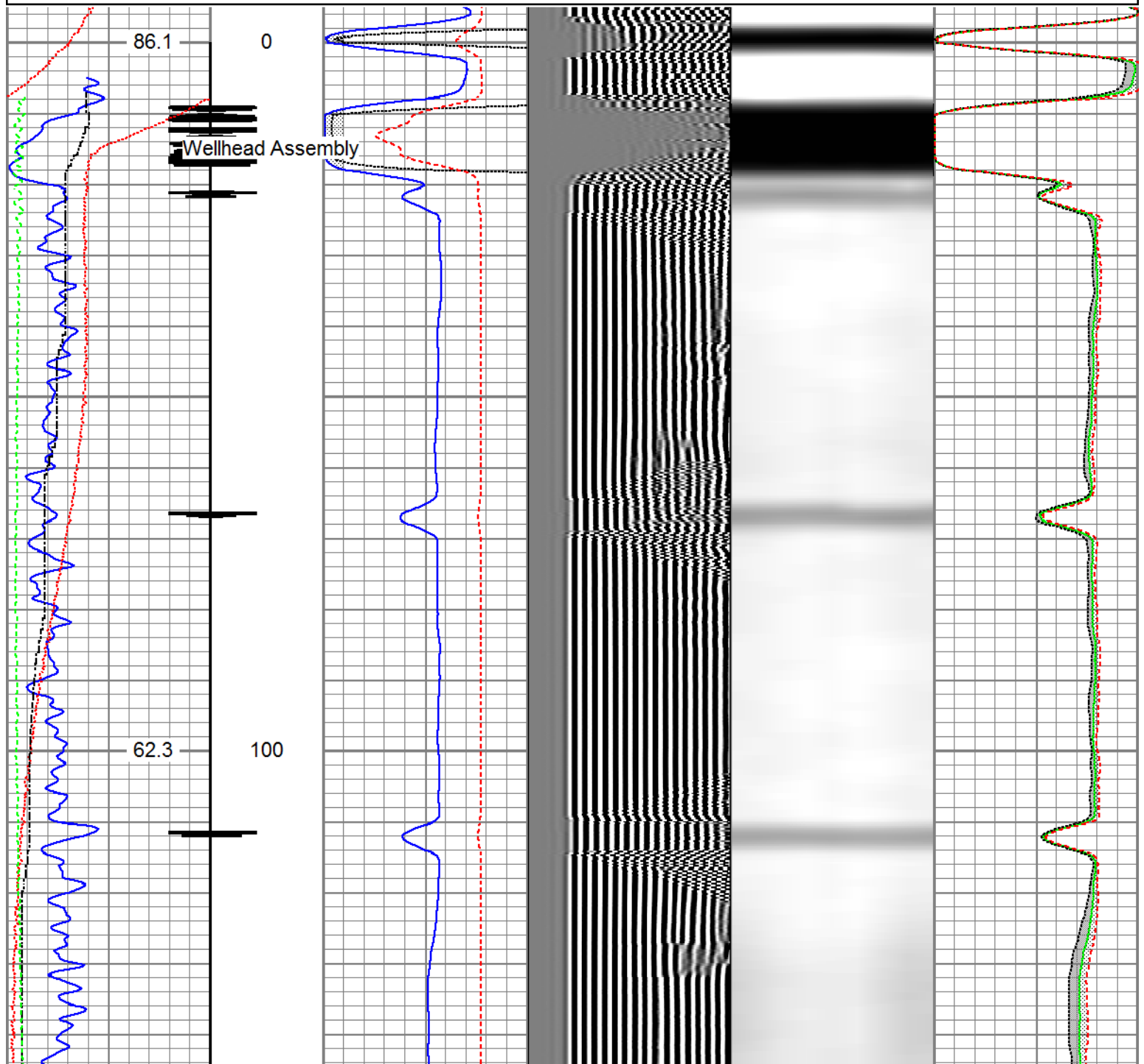
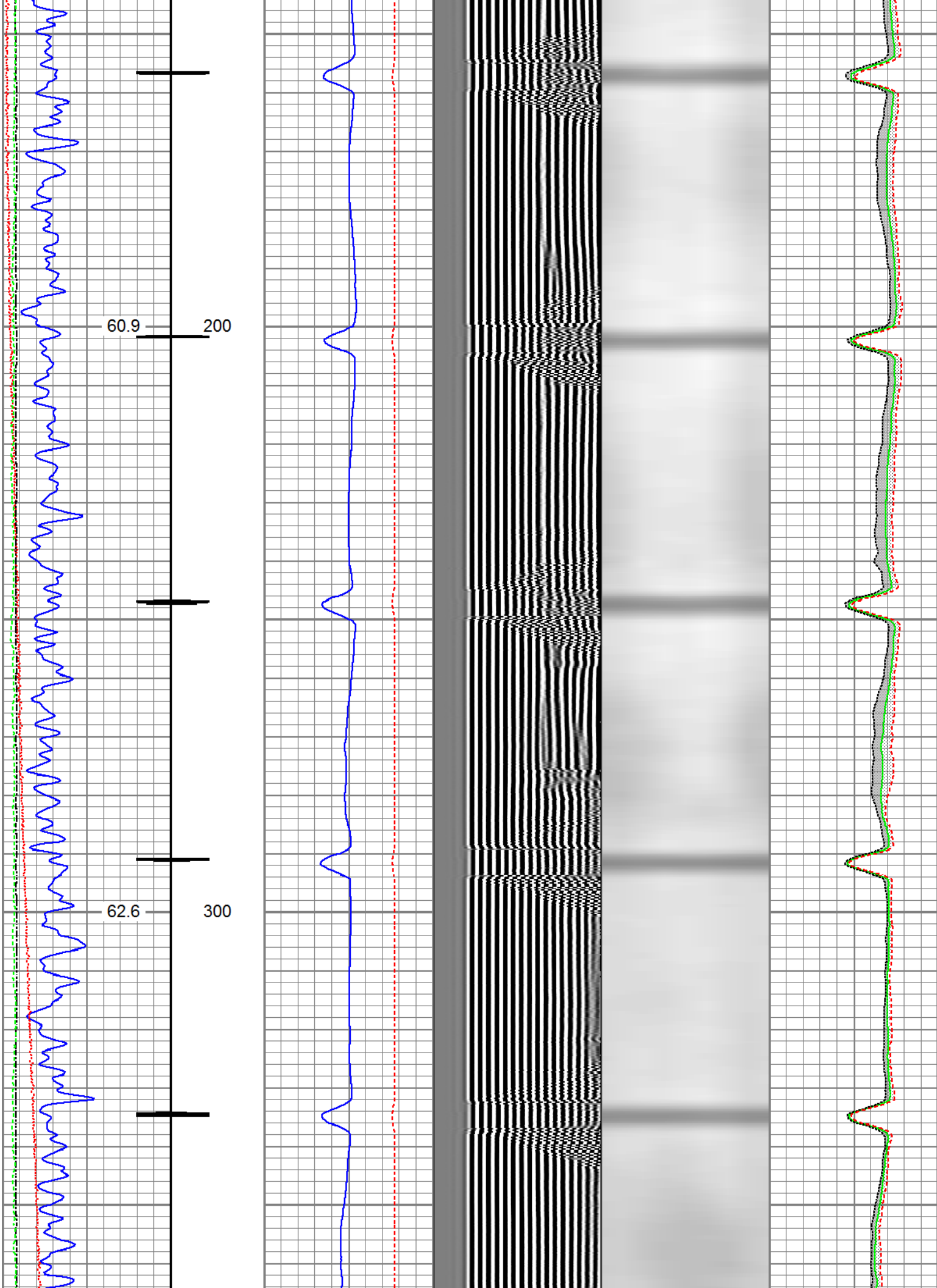
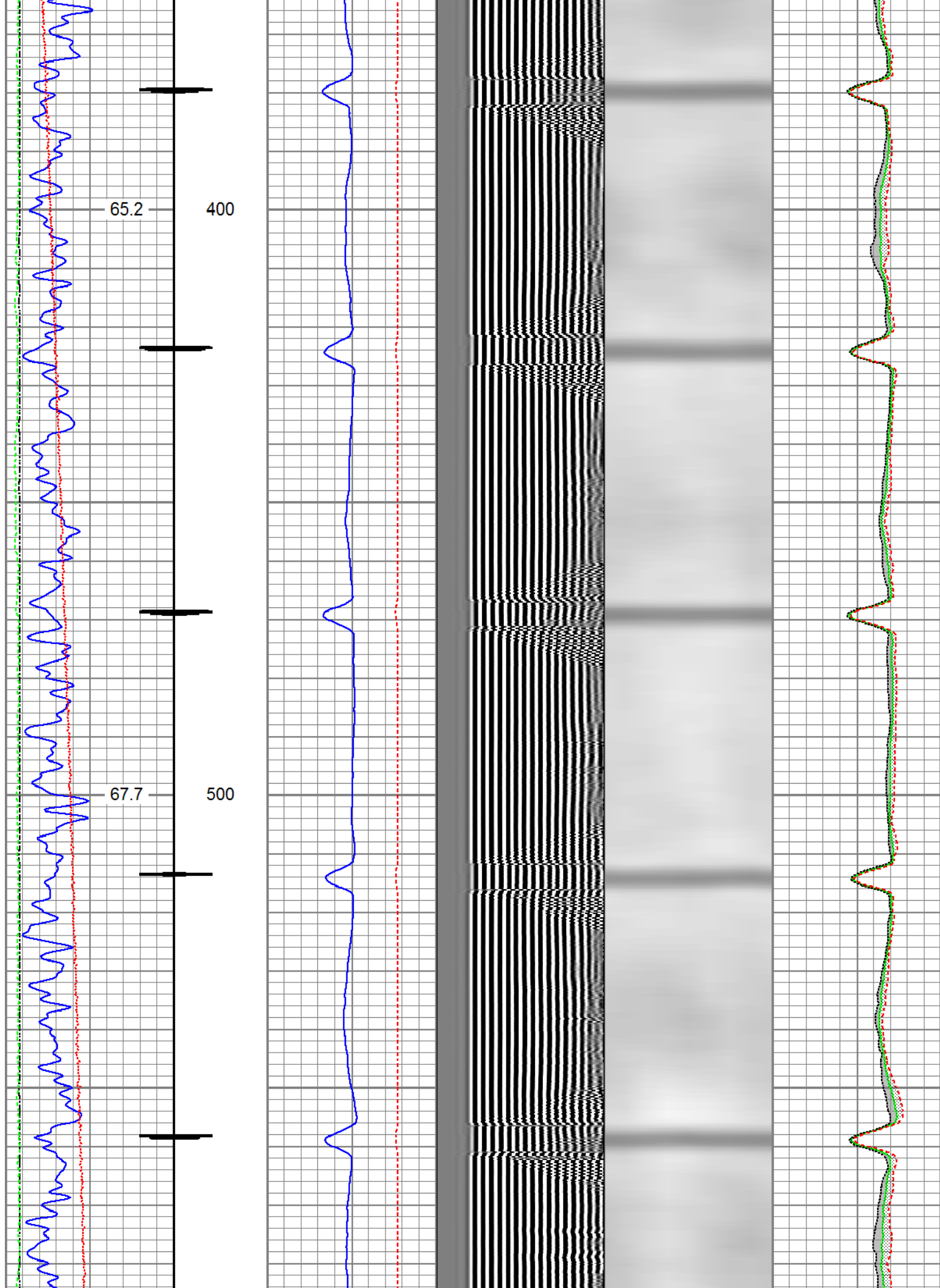


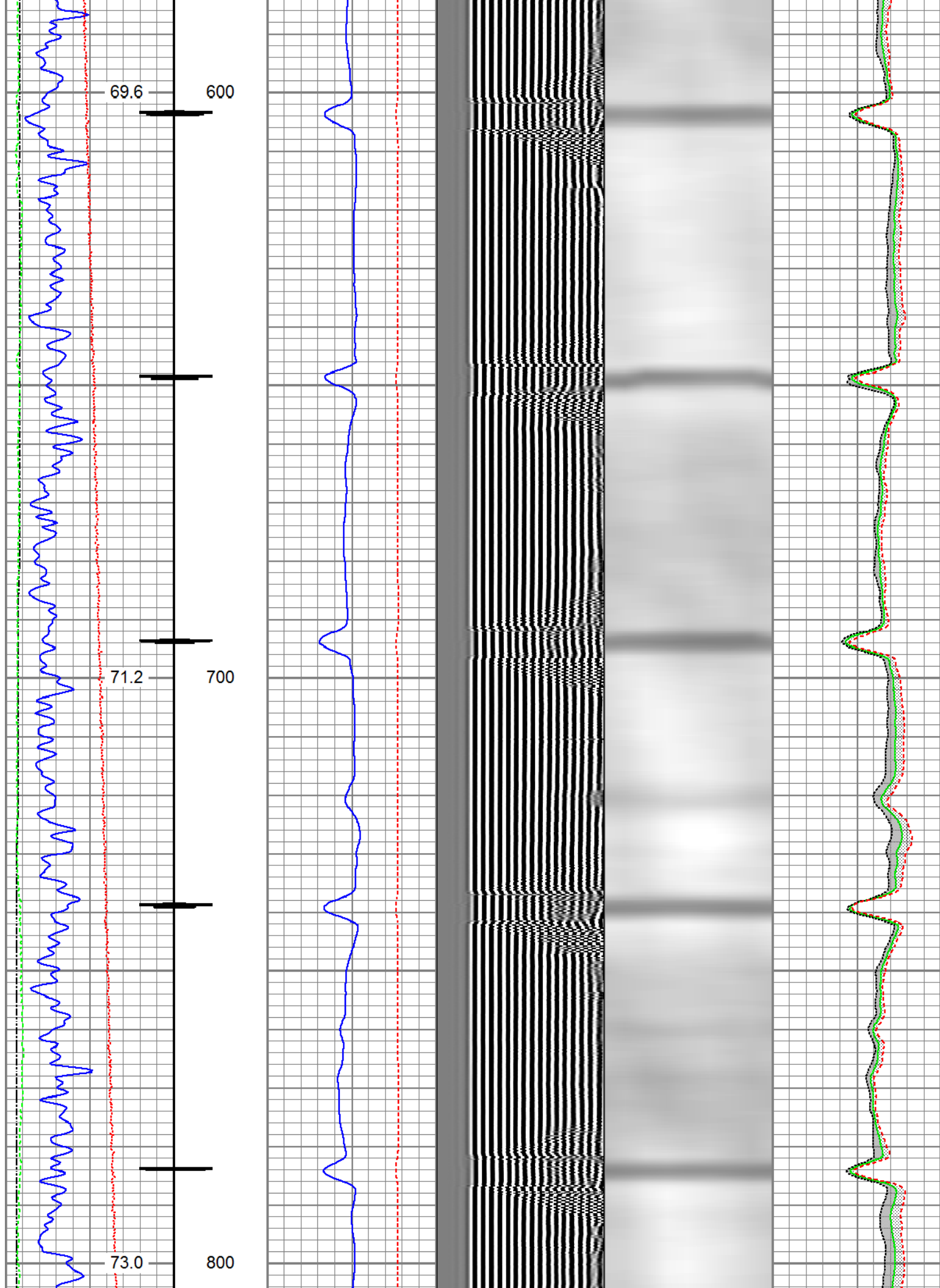
Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 120	0 (mV) 100	200 1200		0 100
Casing Collar Locator	3' Amplitude x 5			Minimum Amplitude
	0 (mV) 20			0 100
Temperature	3' Travel Time			Maximum Amplitude
0 (degF) 20	650 (usec) 150			0 100
Line Speed				
-150 (ft/min)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

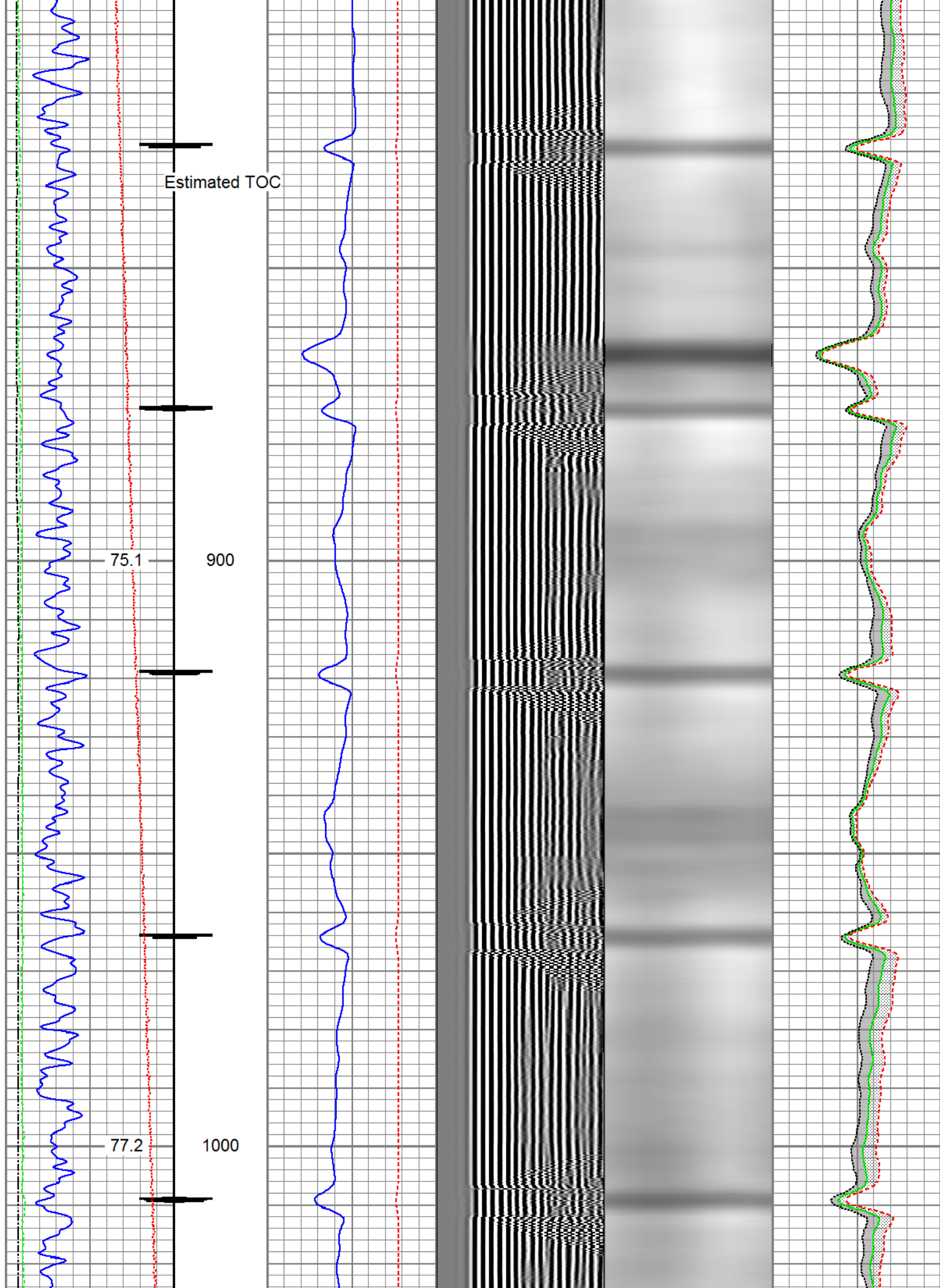


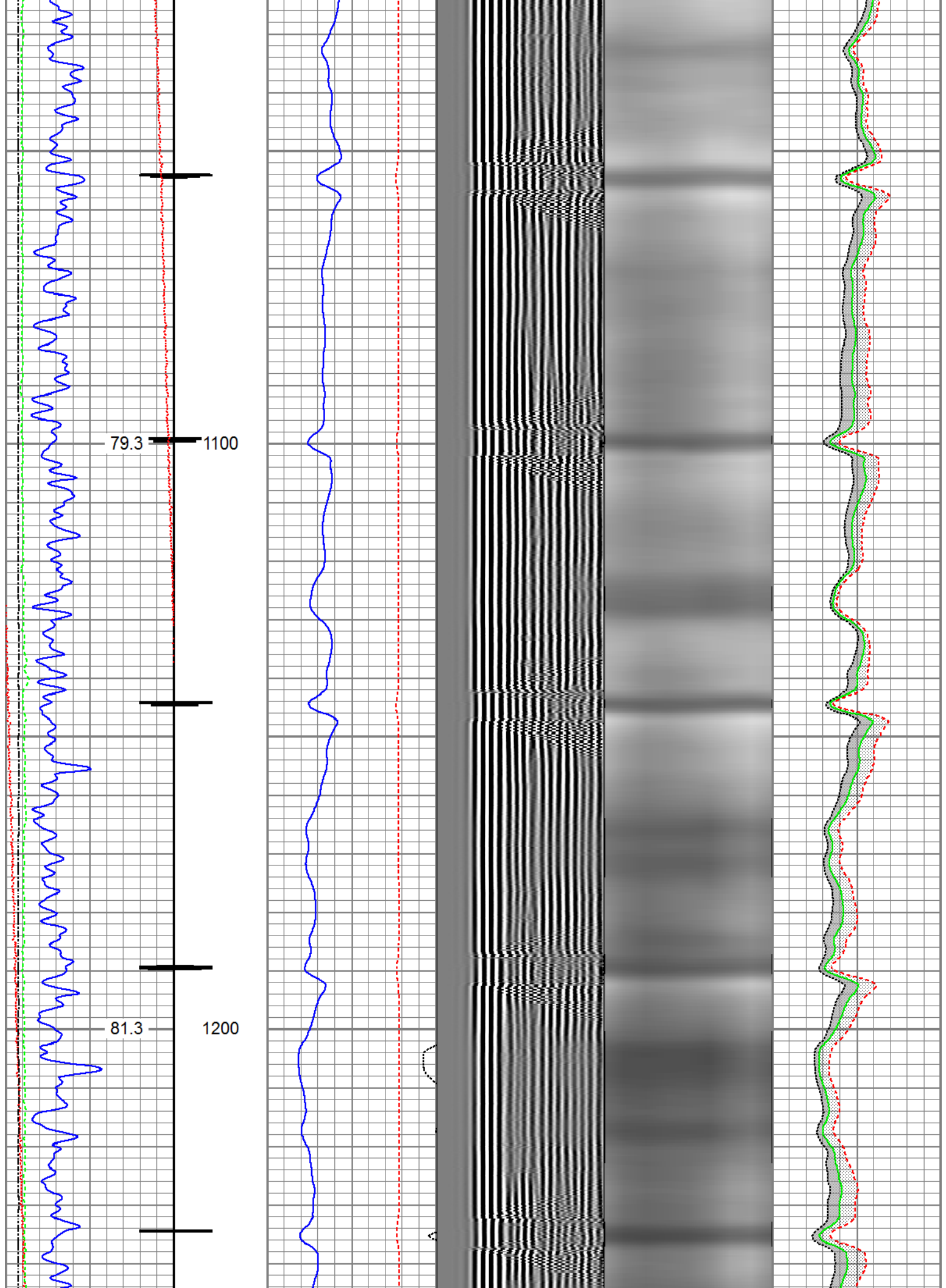


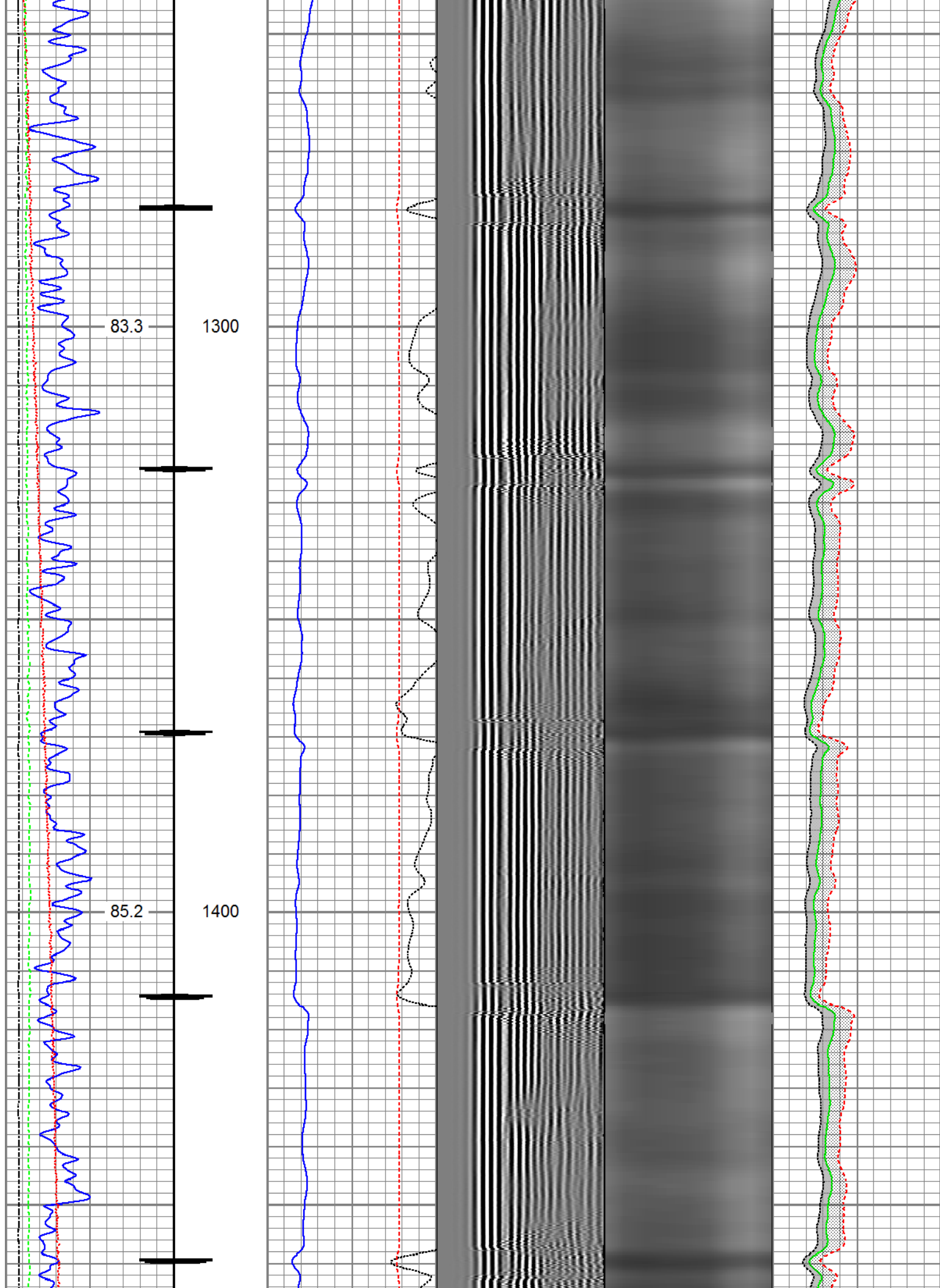




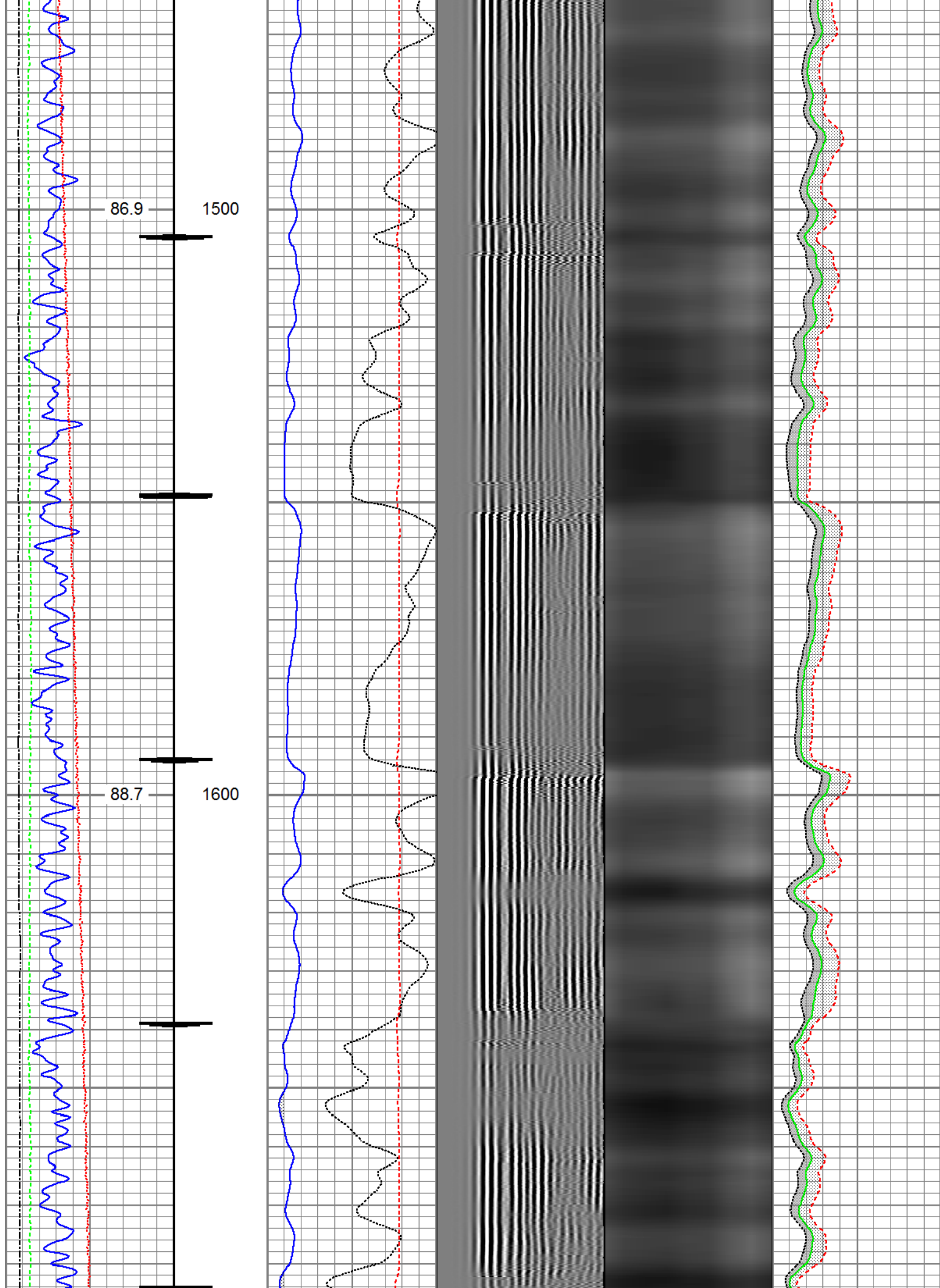




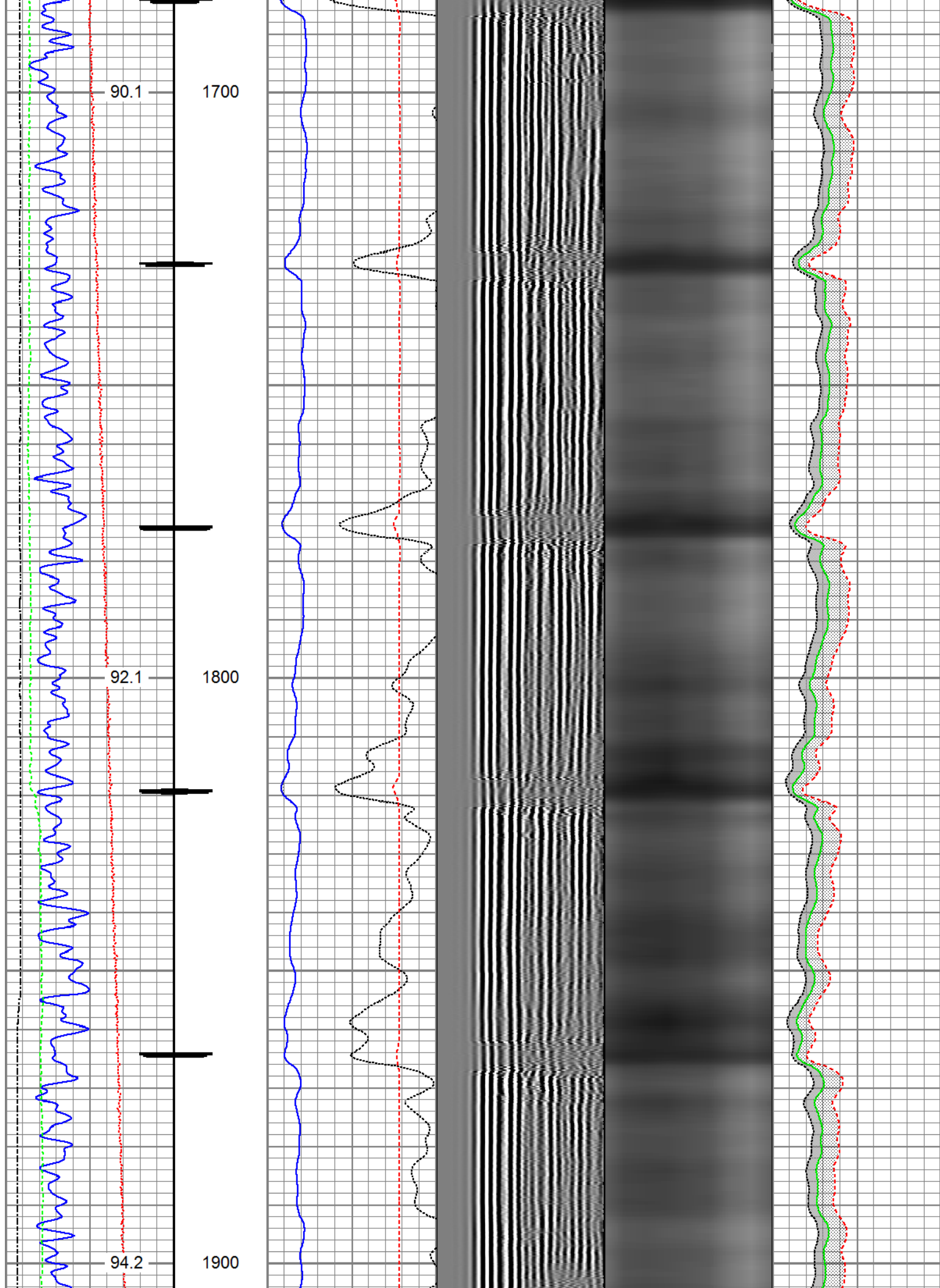


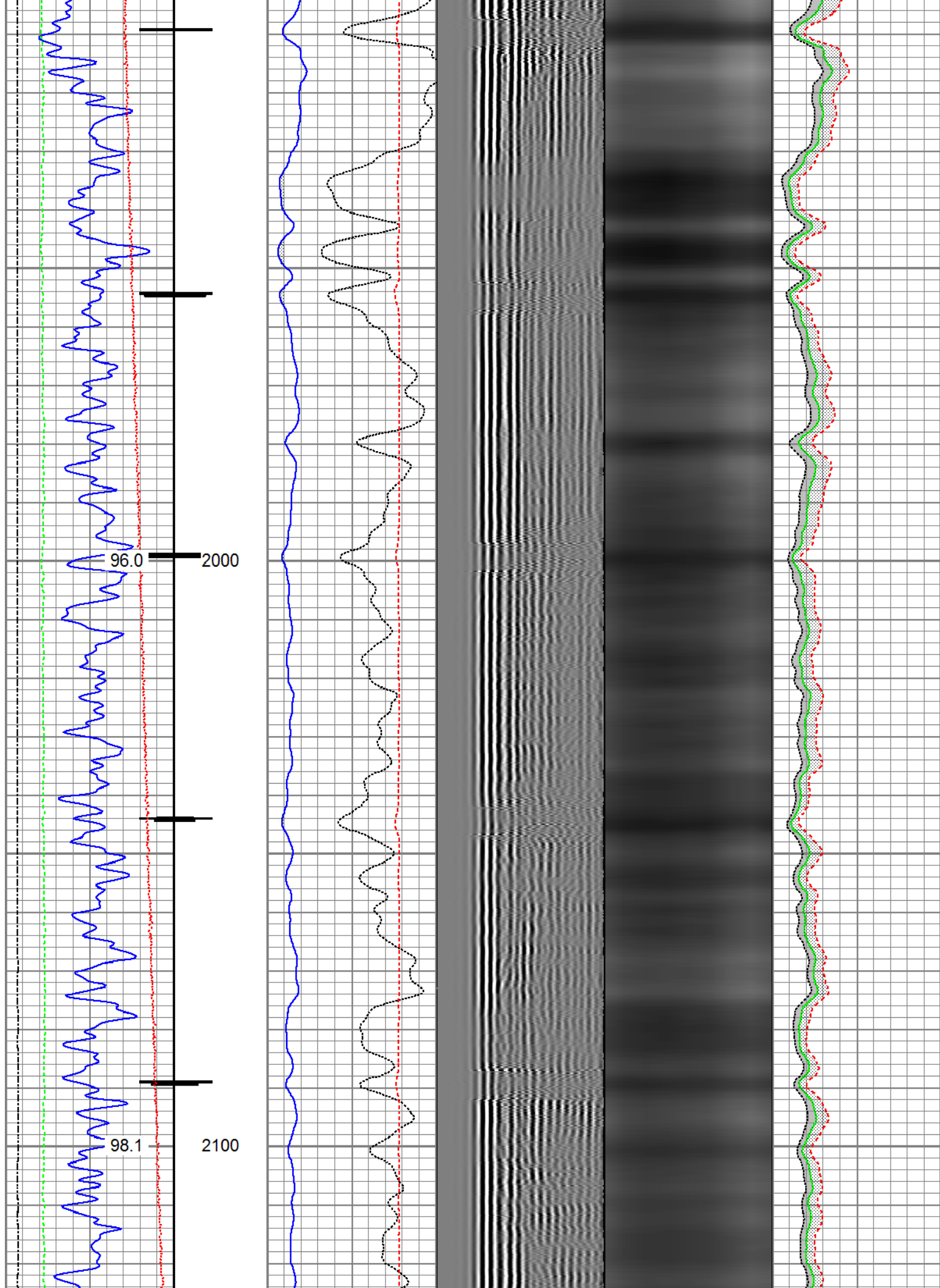


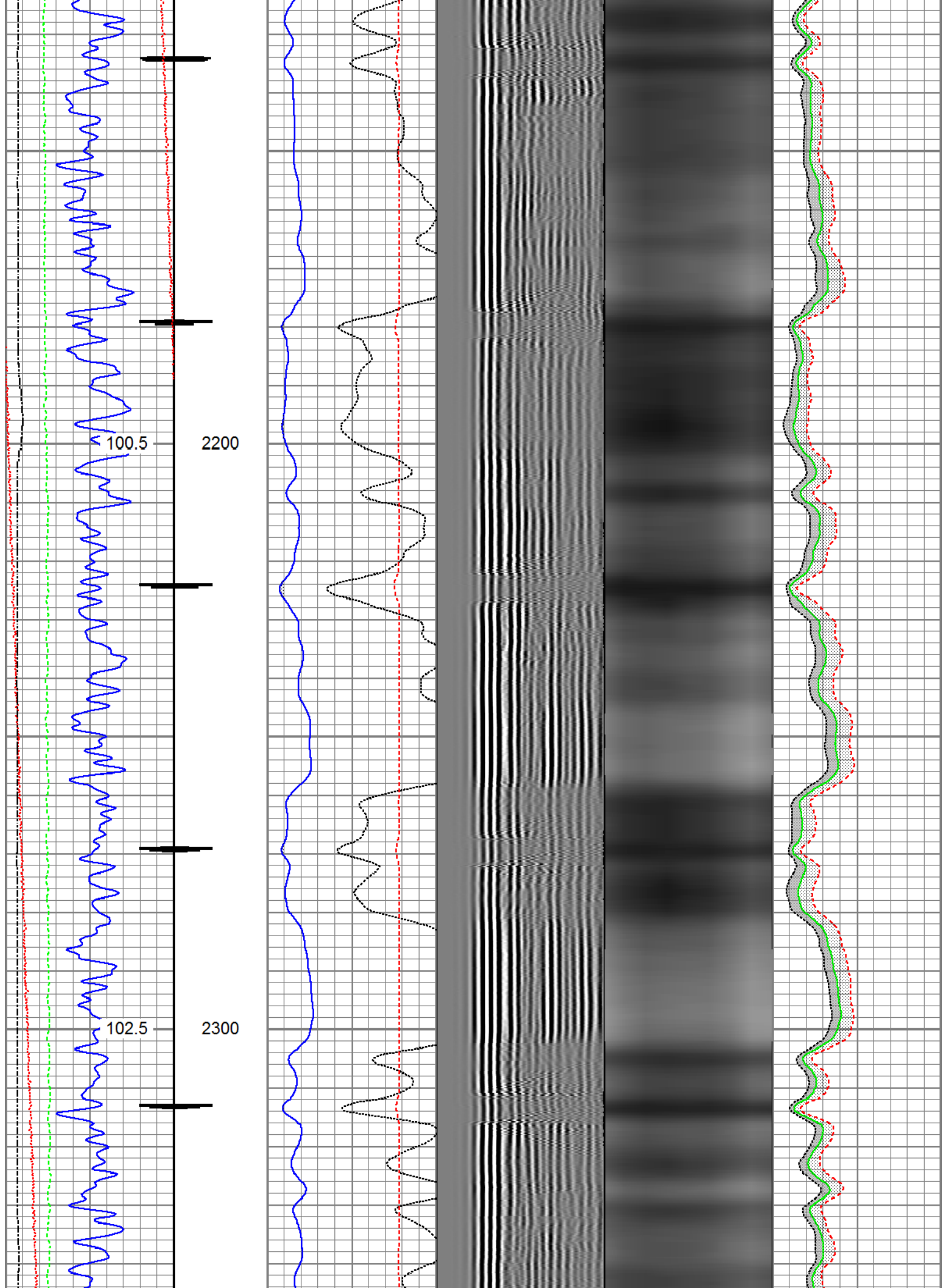




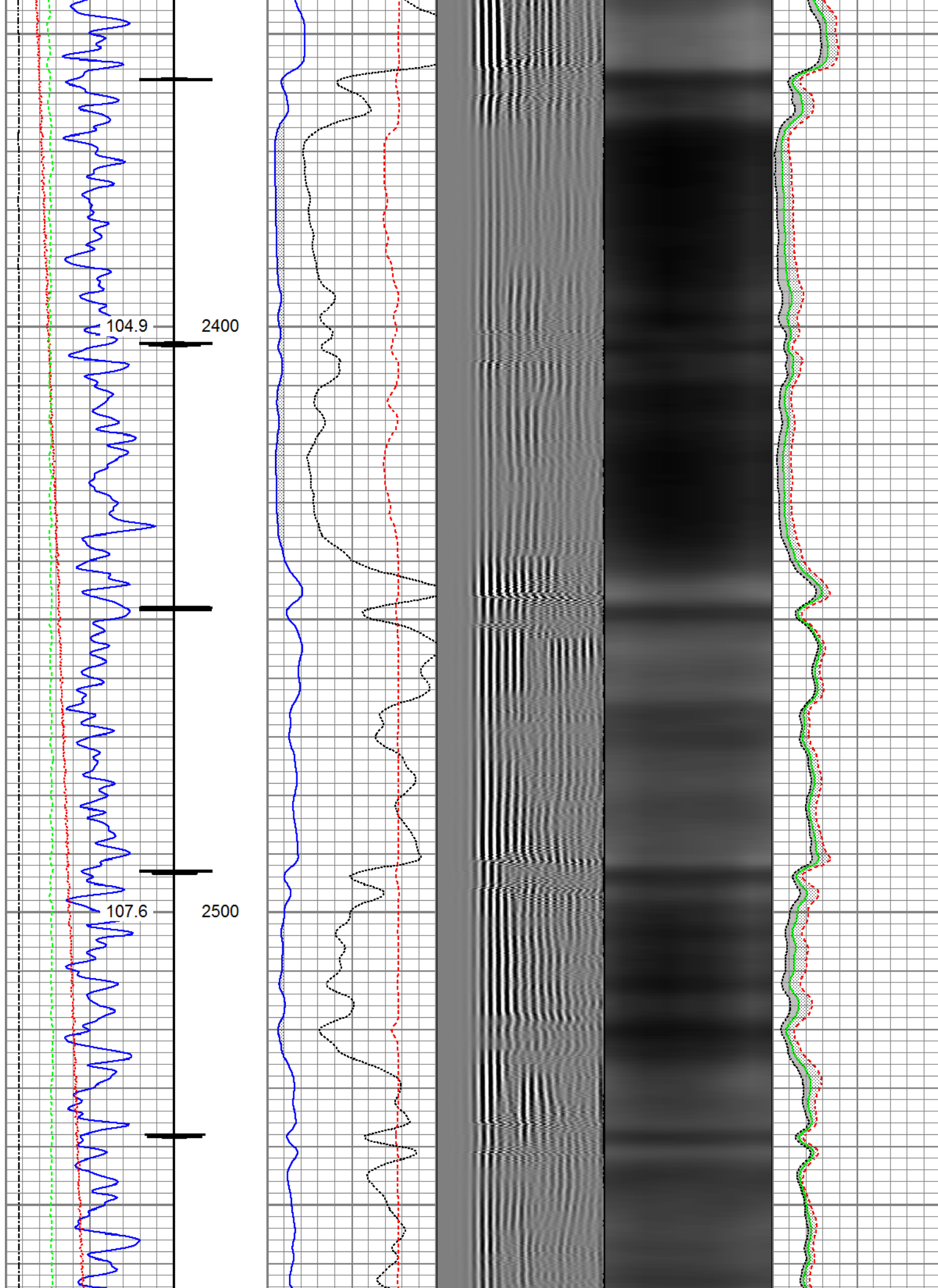


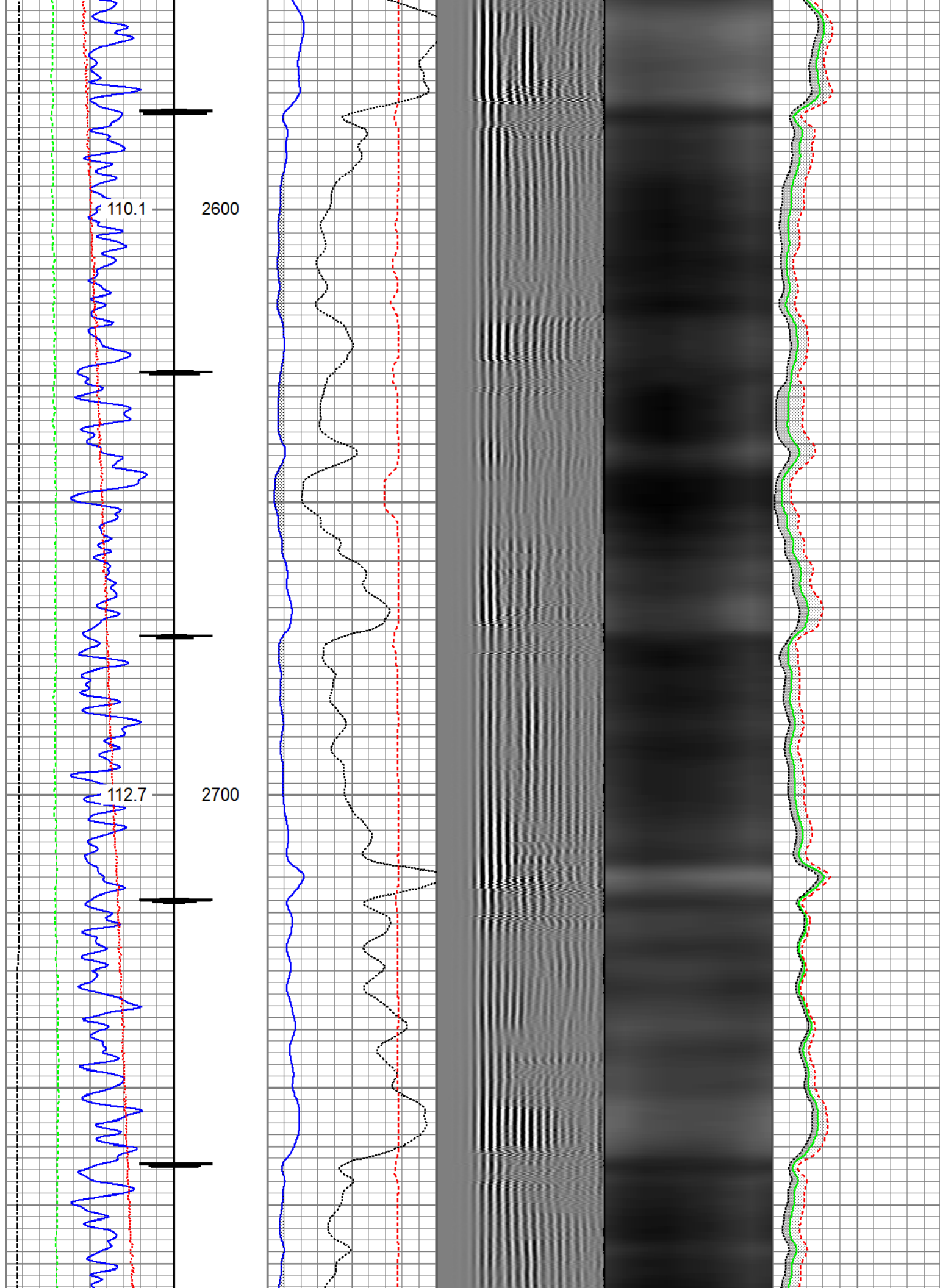




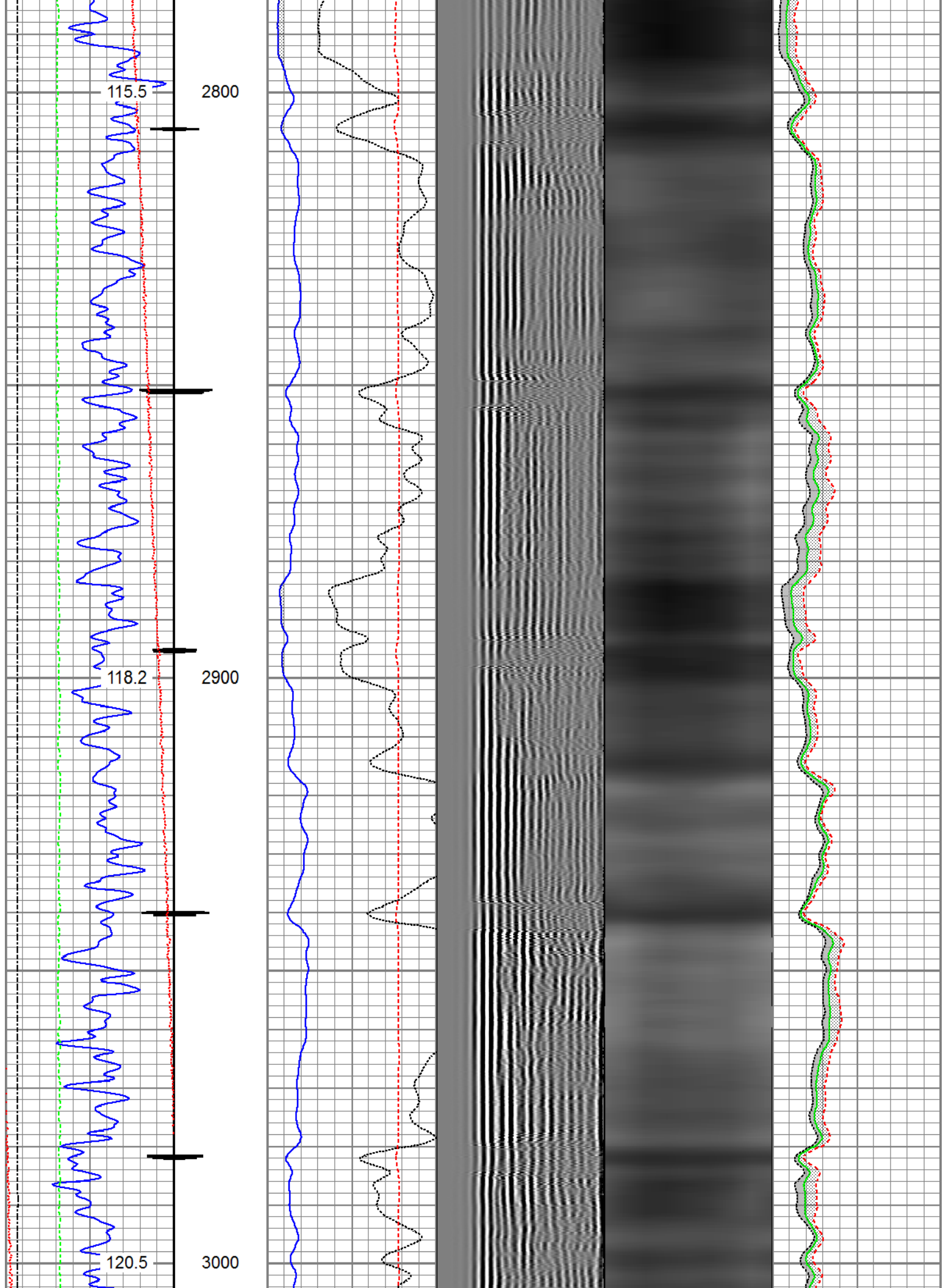


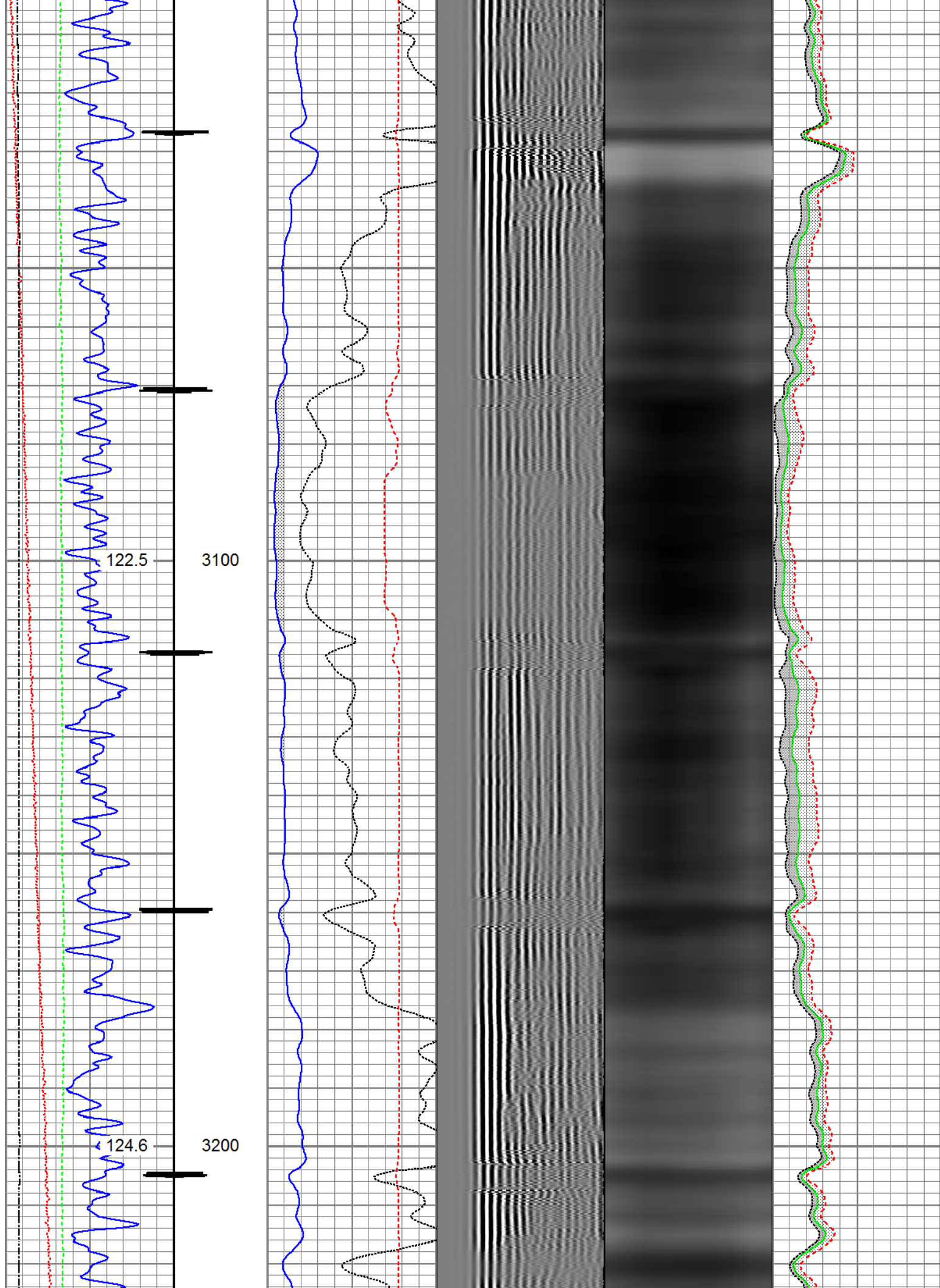


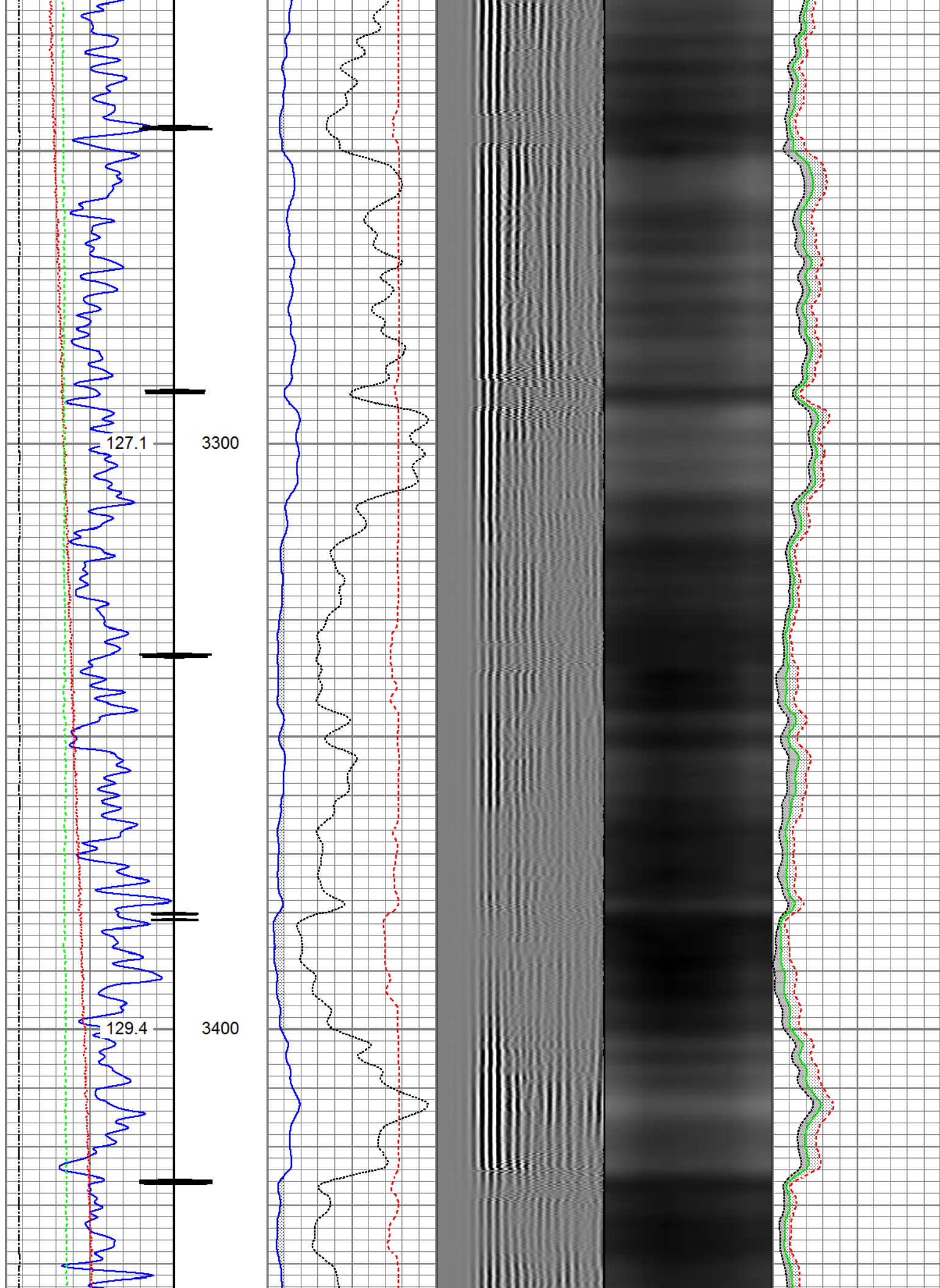


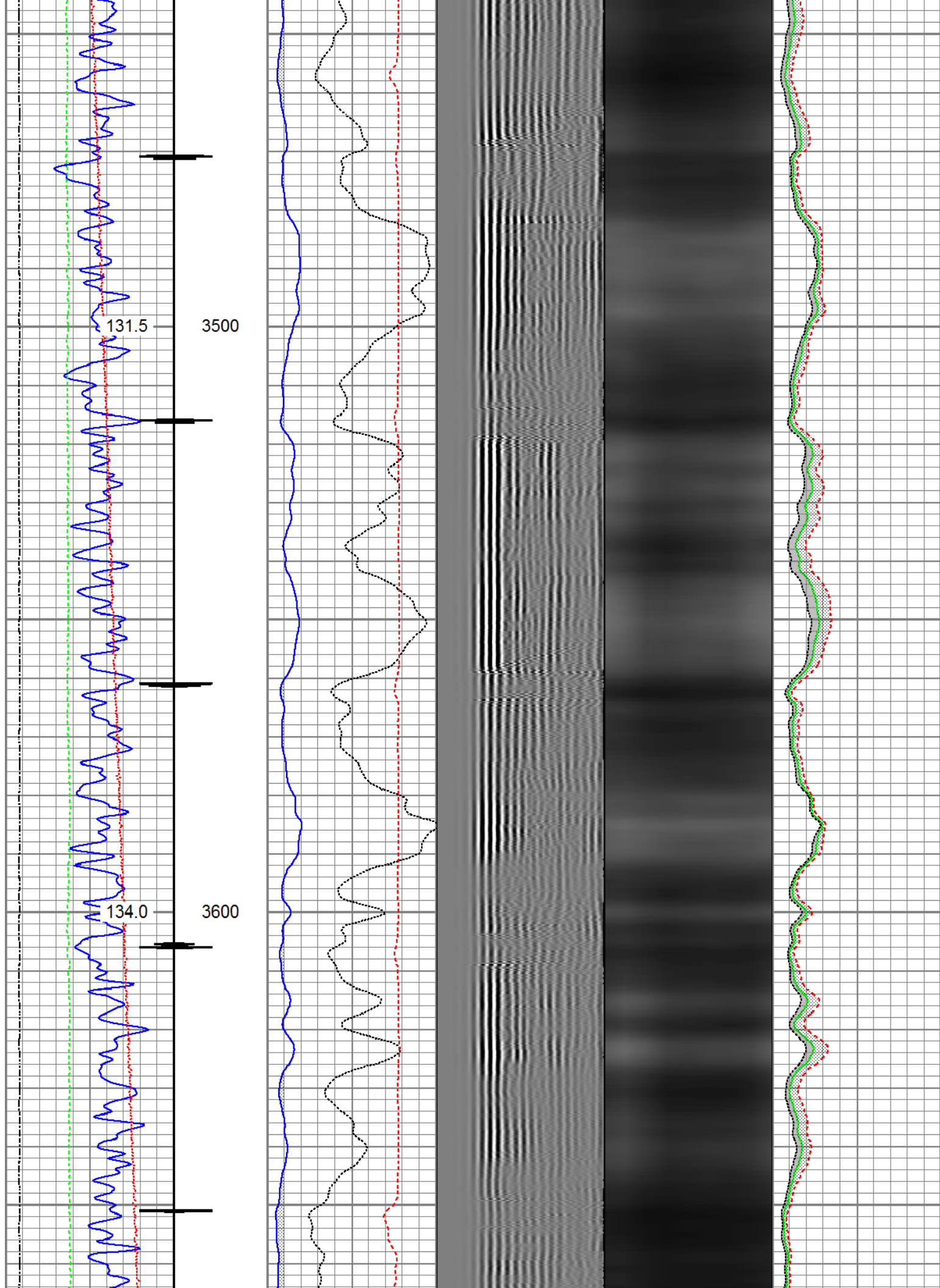




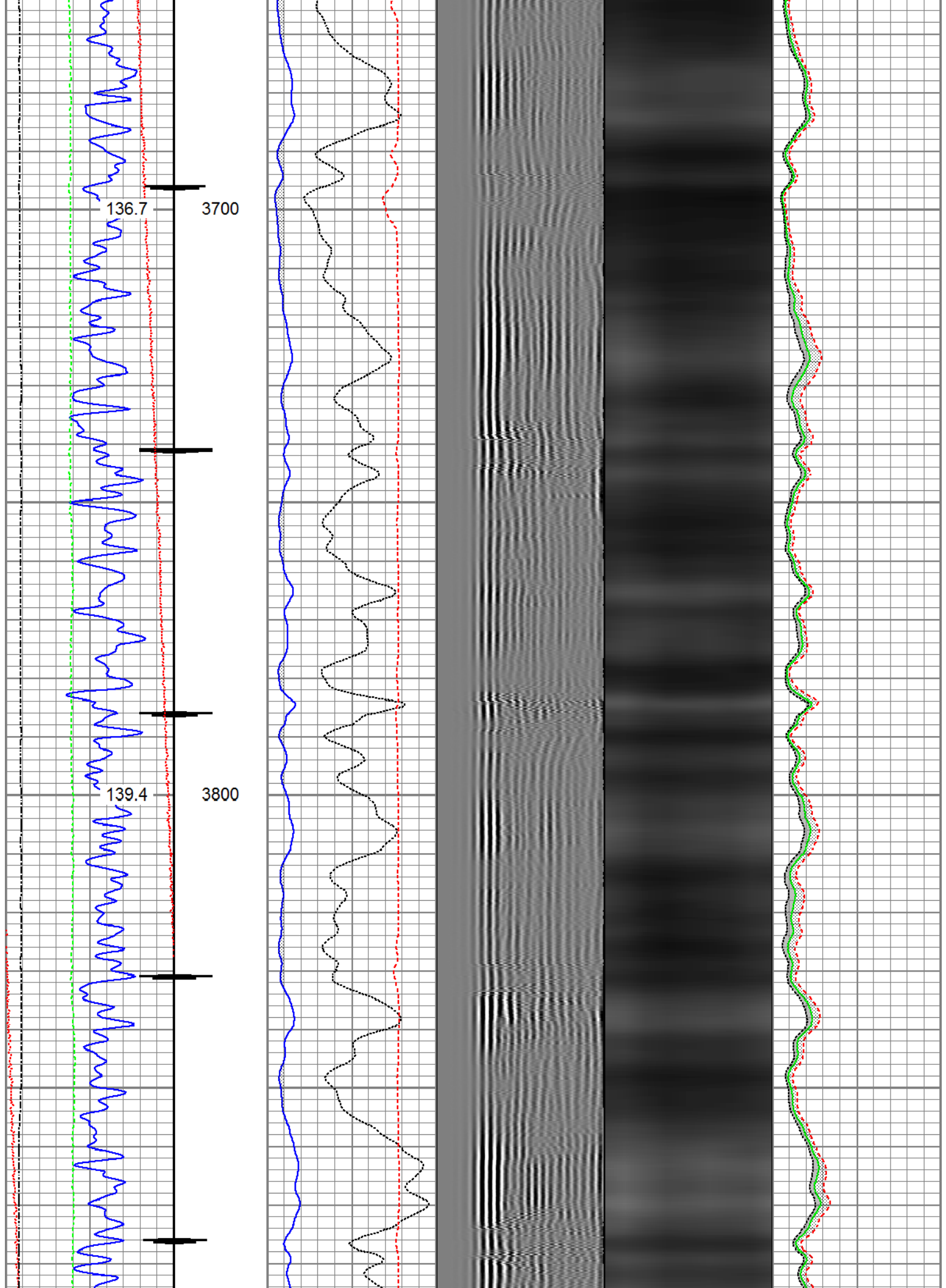




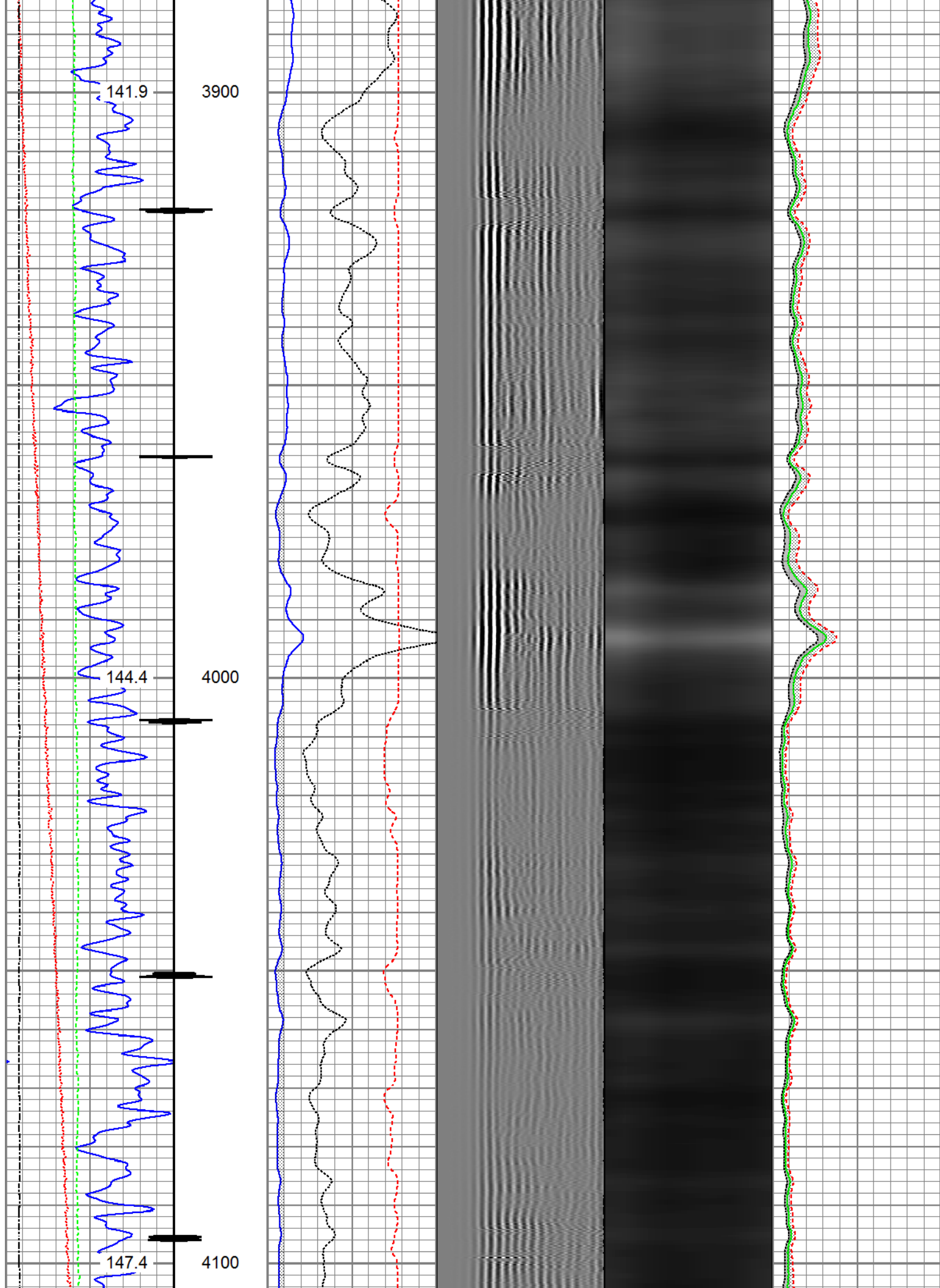


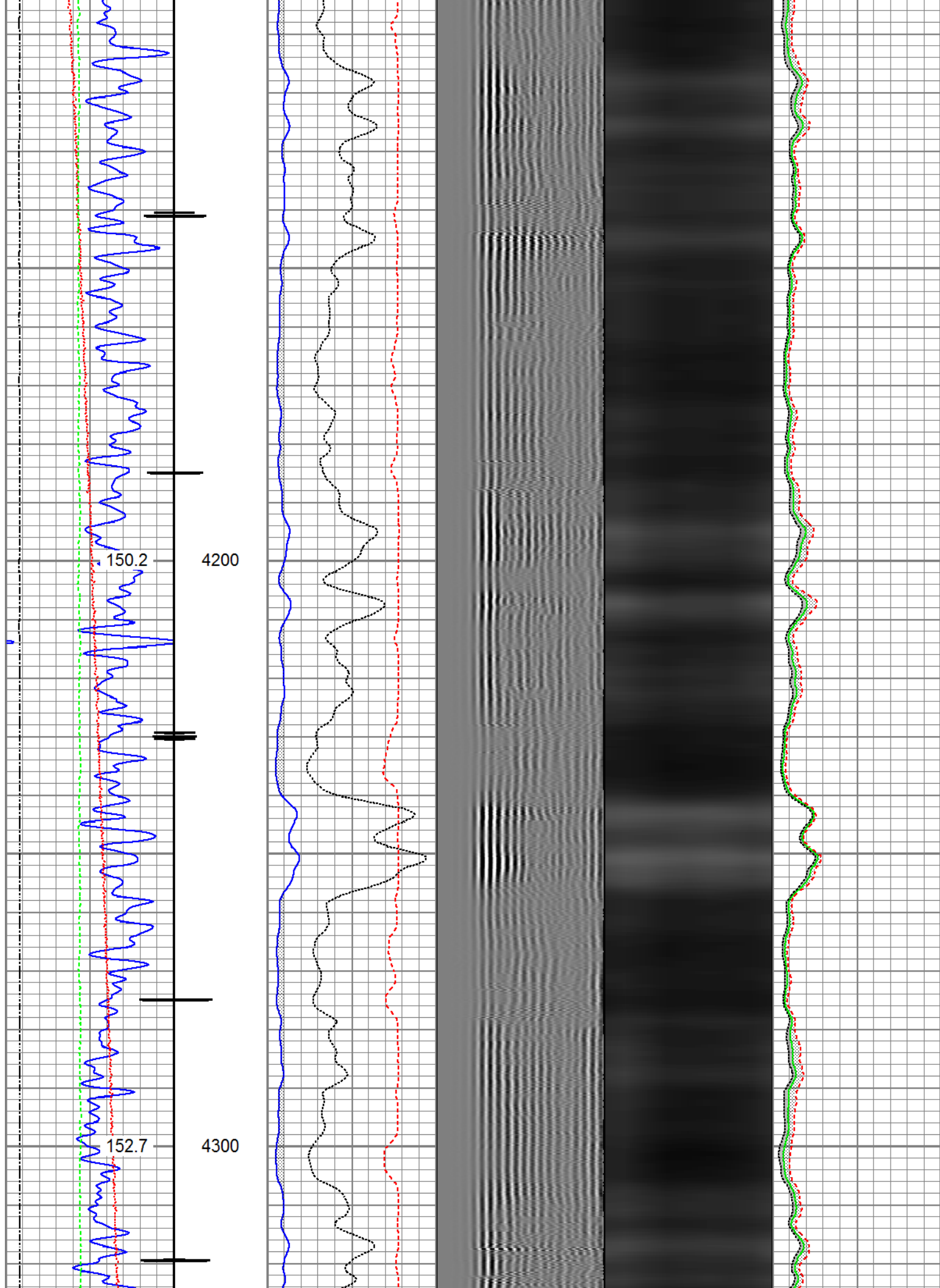


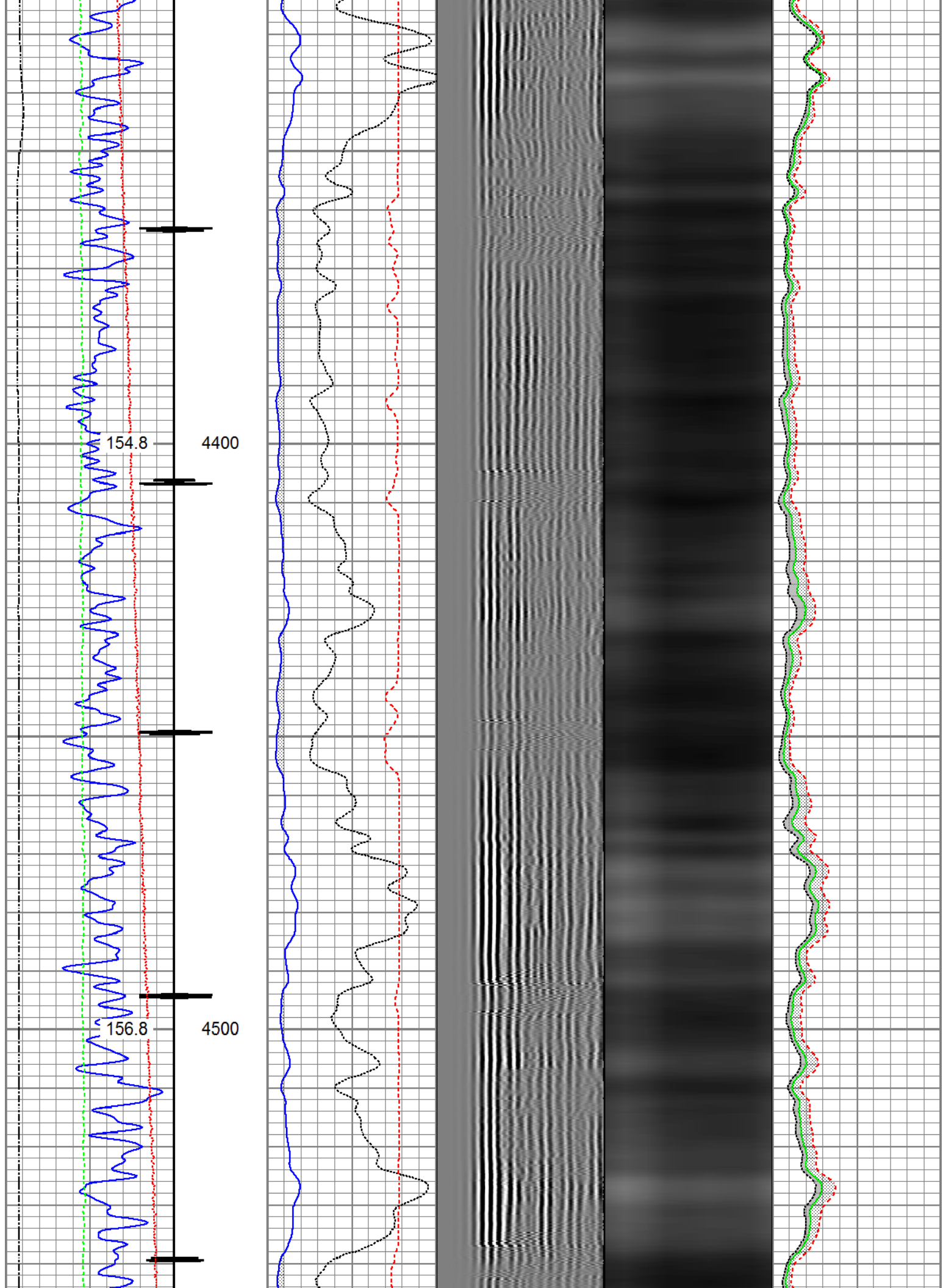


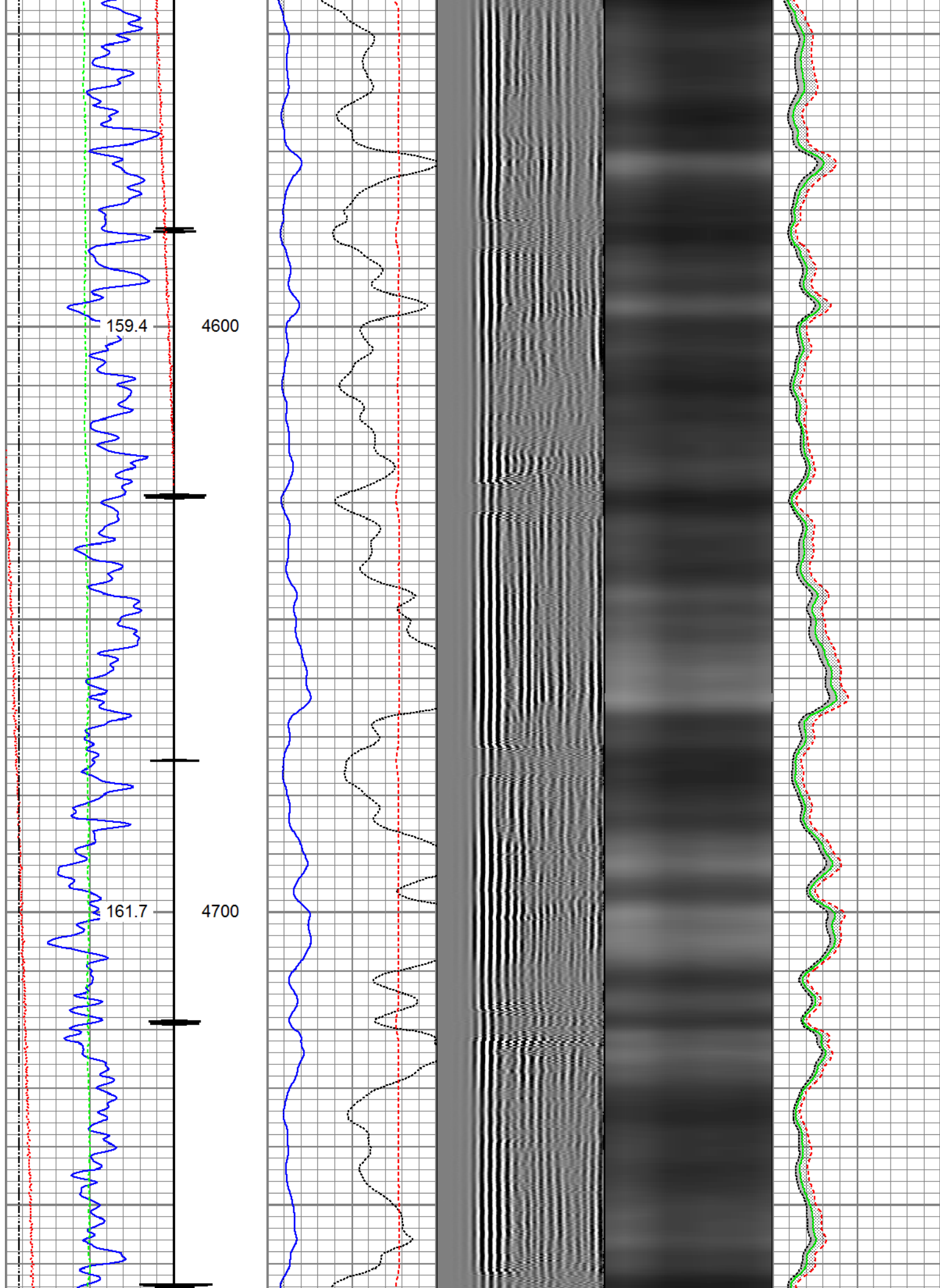




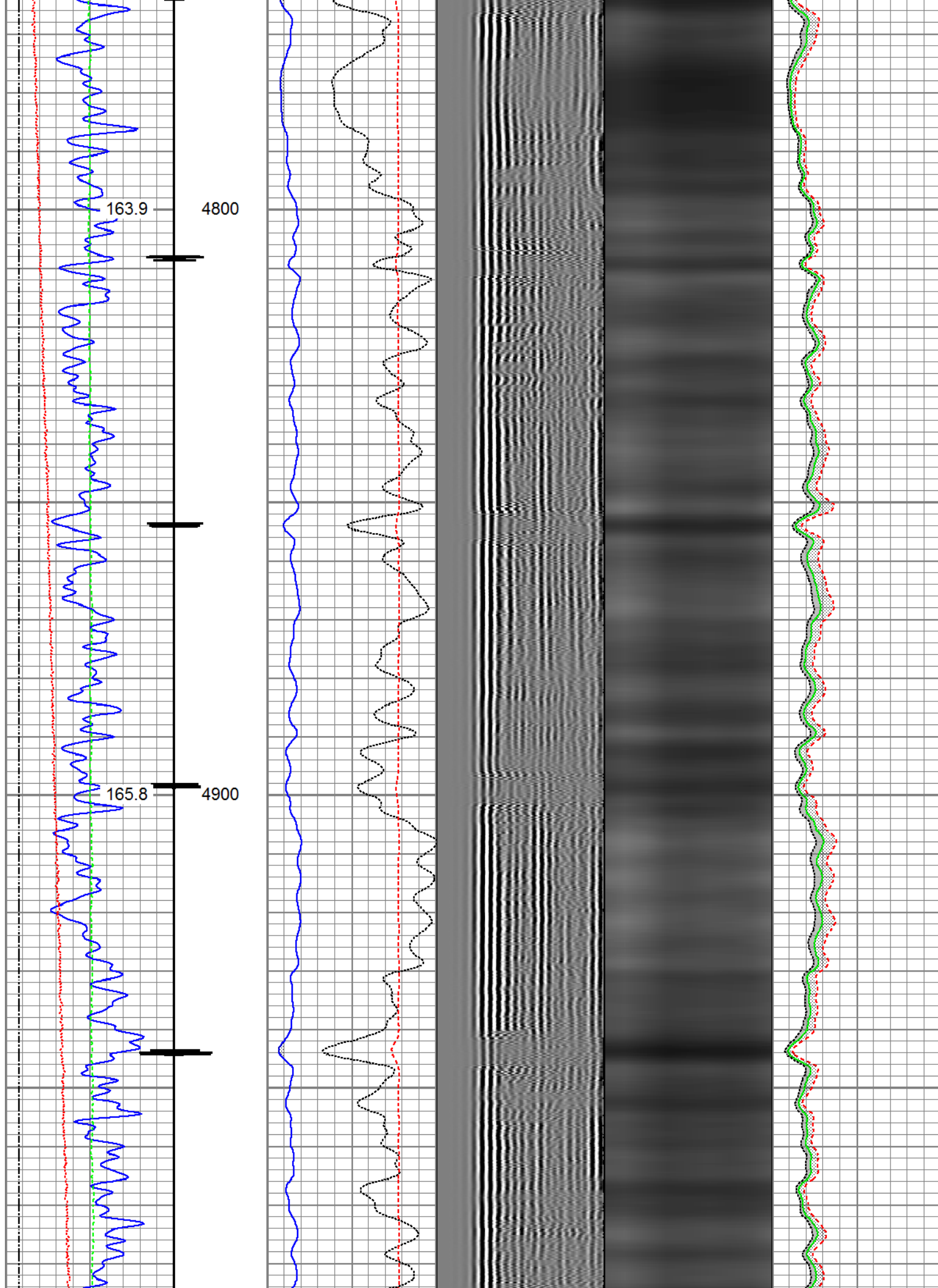




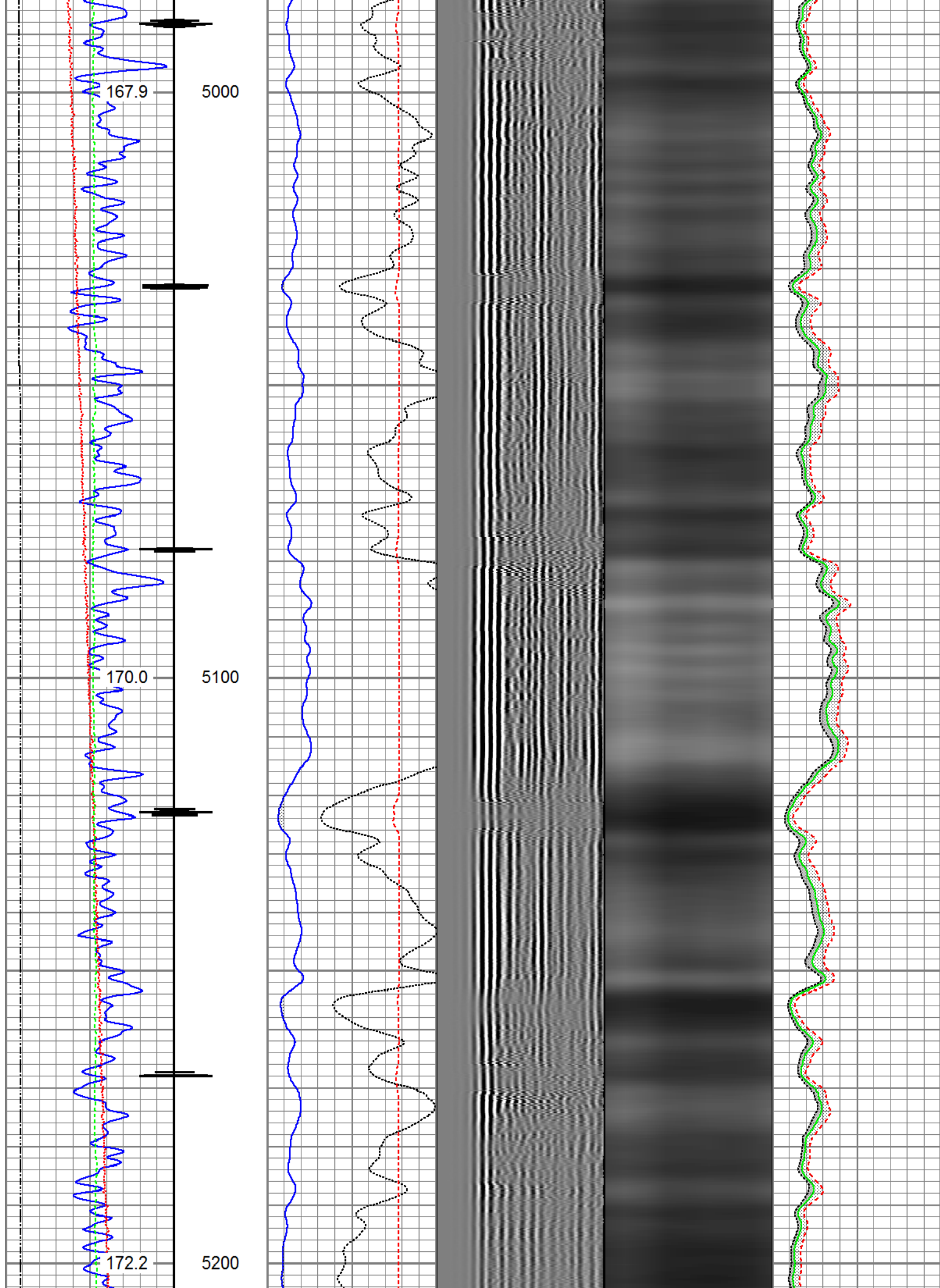


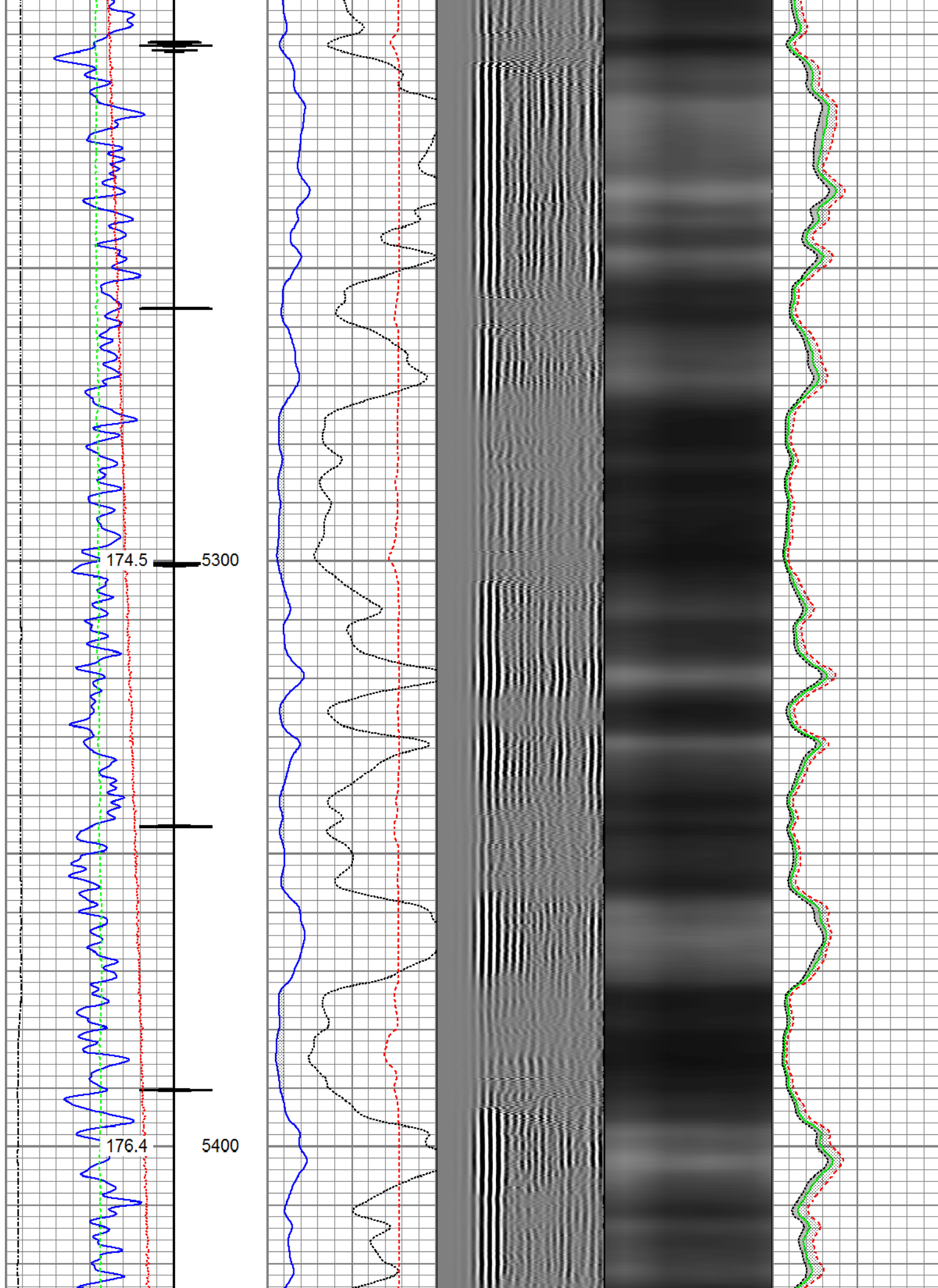


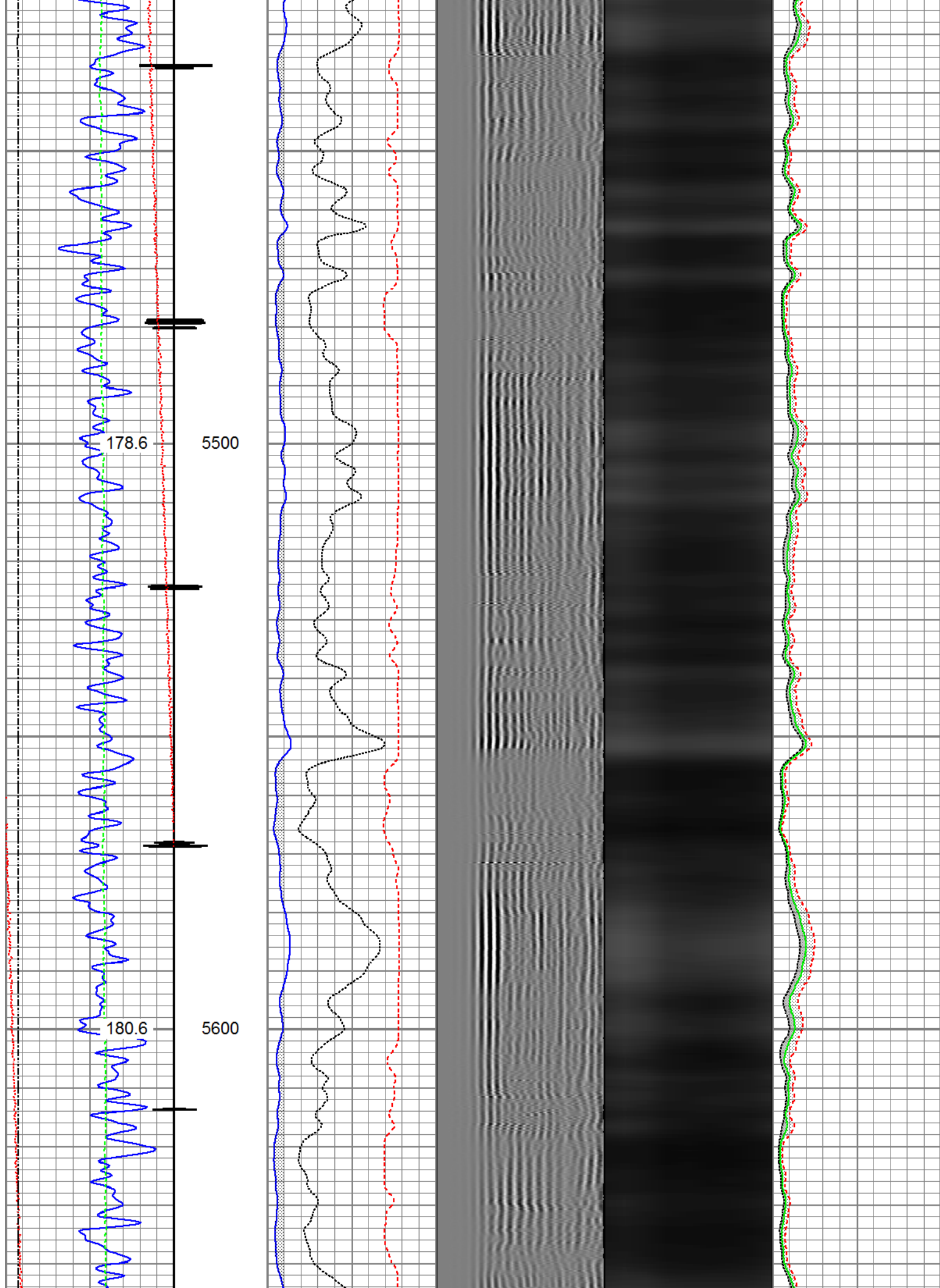


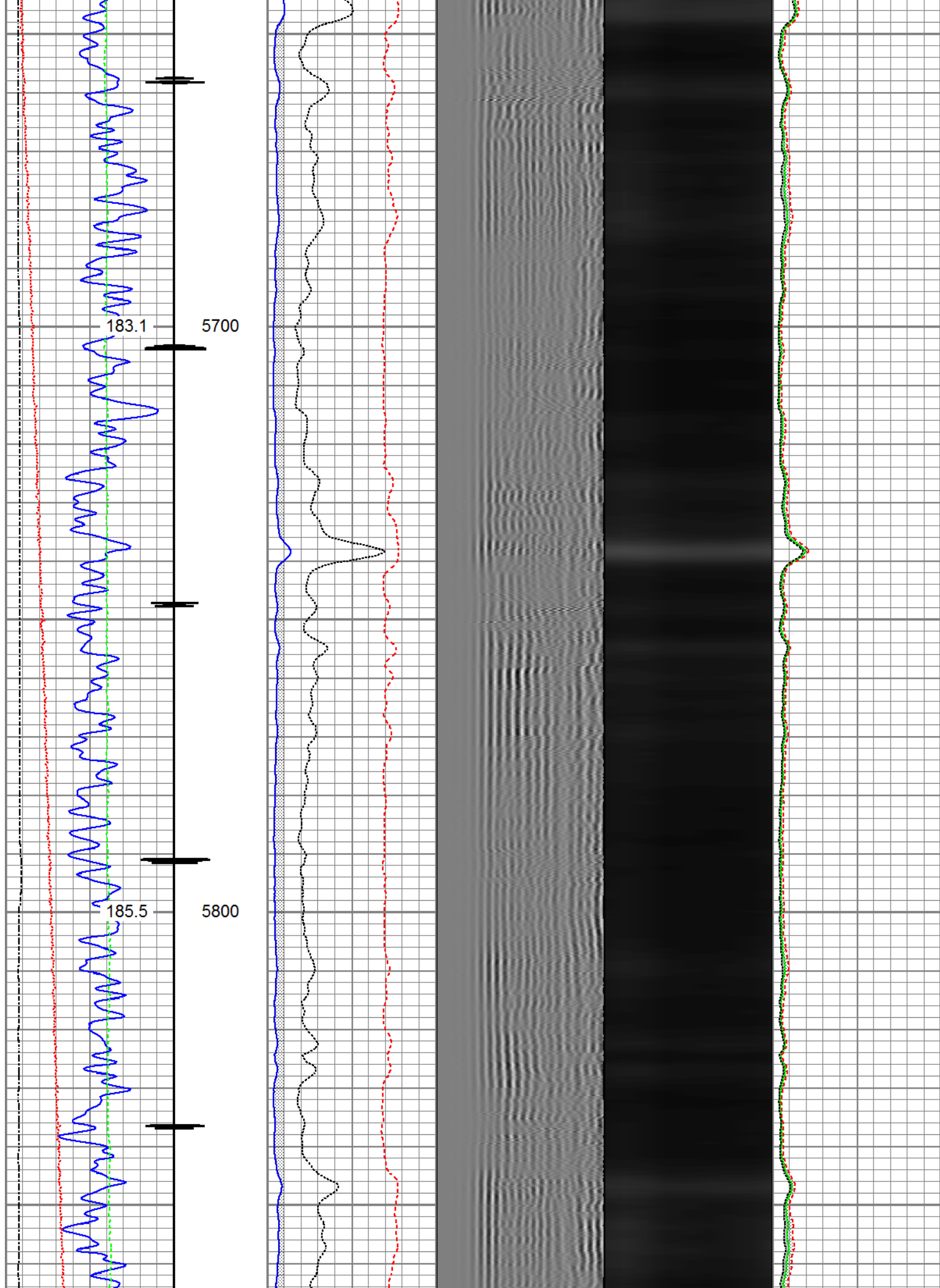




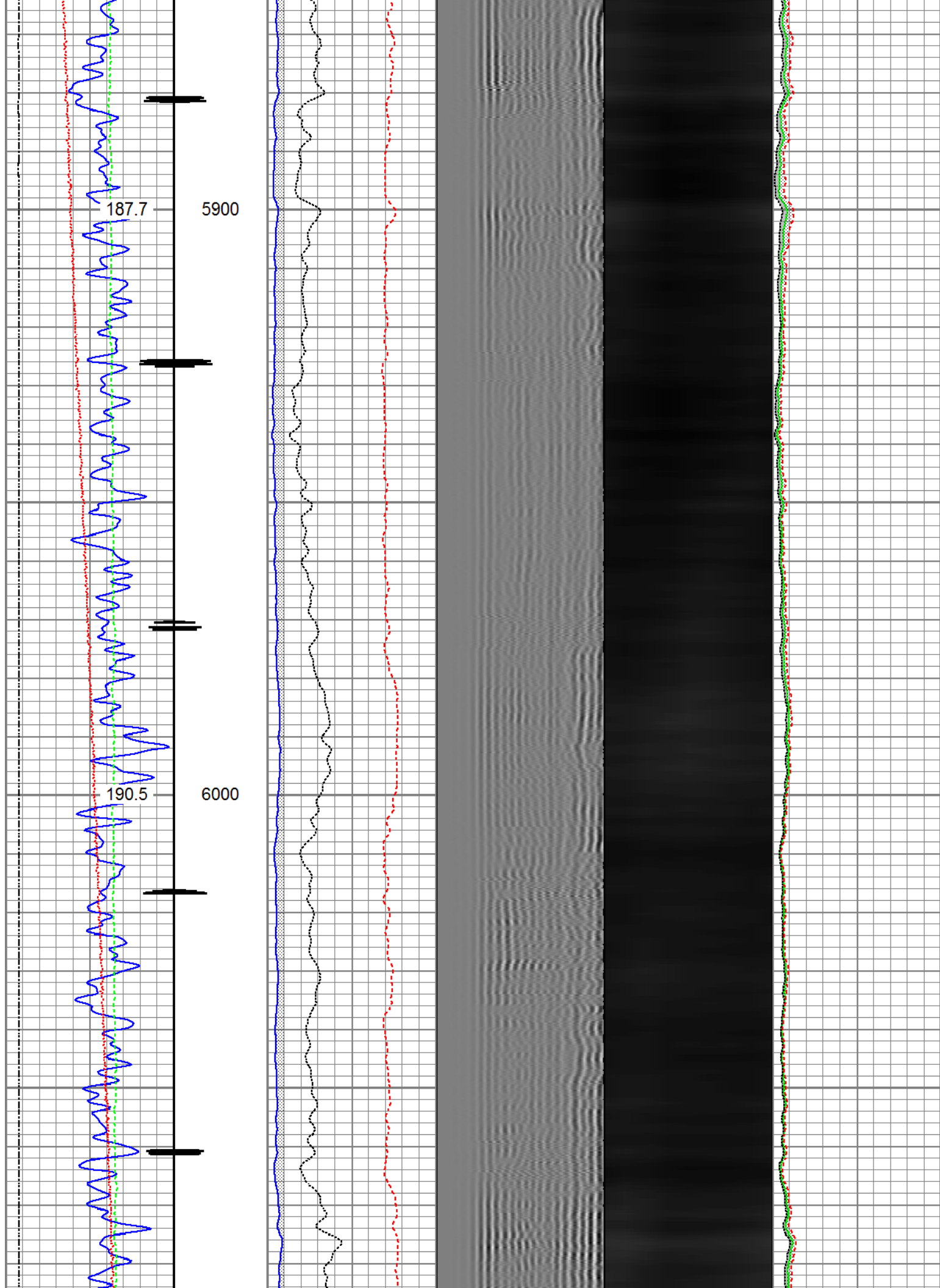


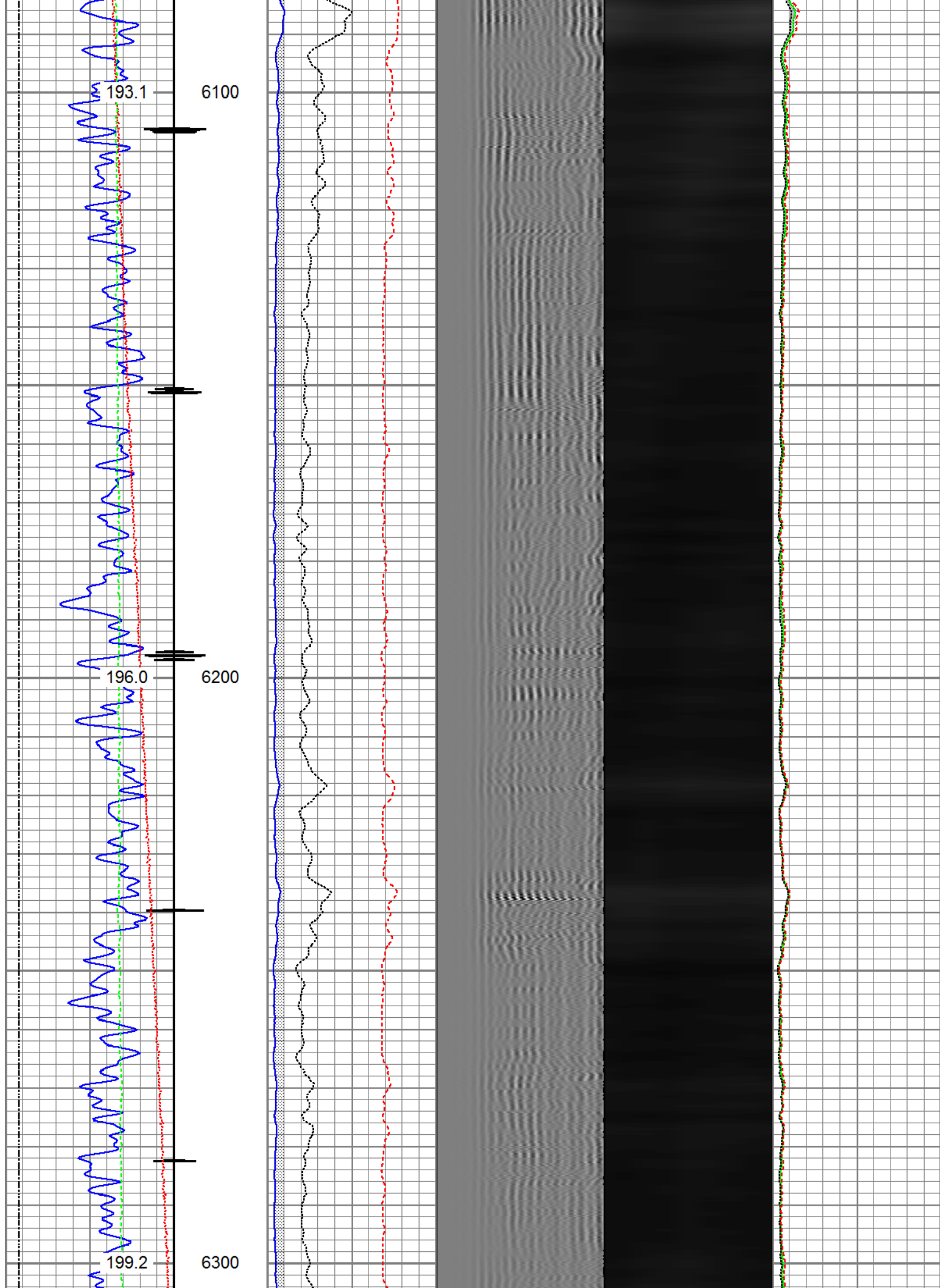


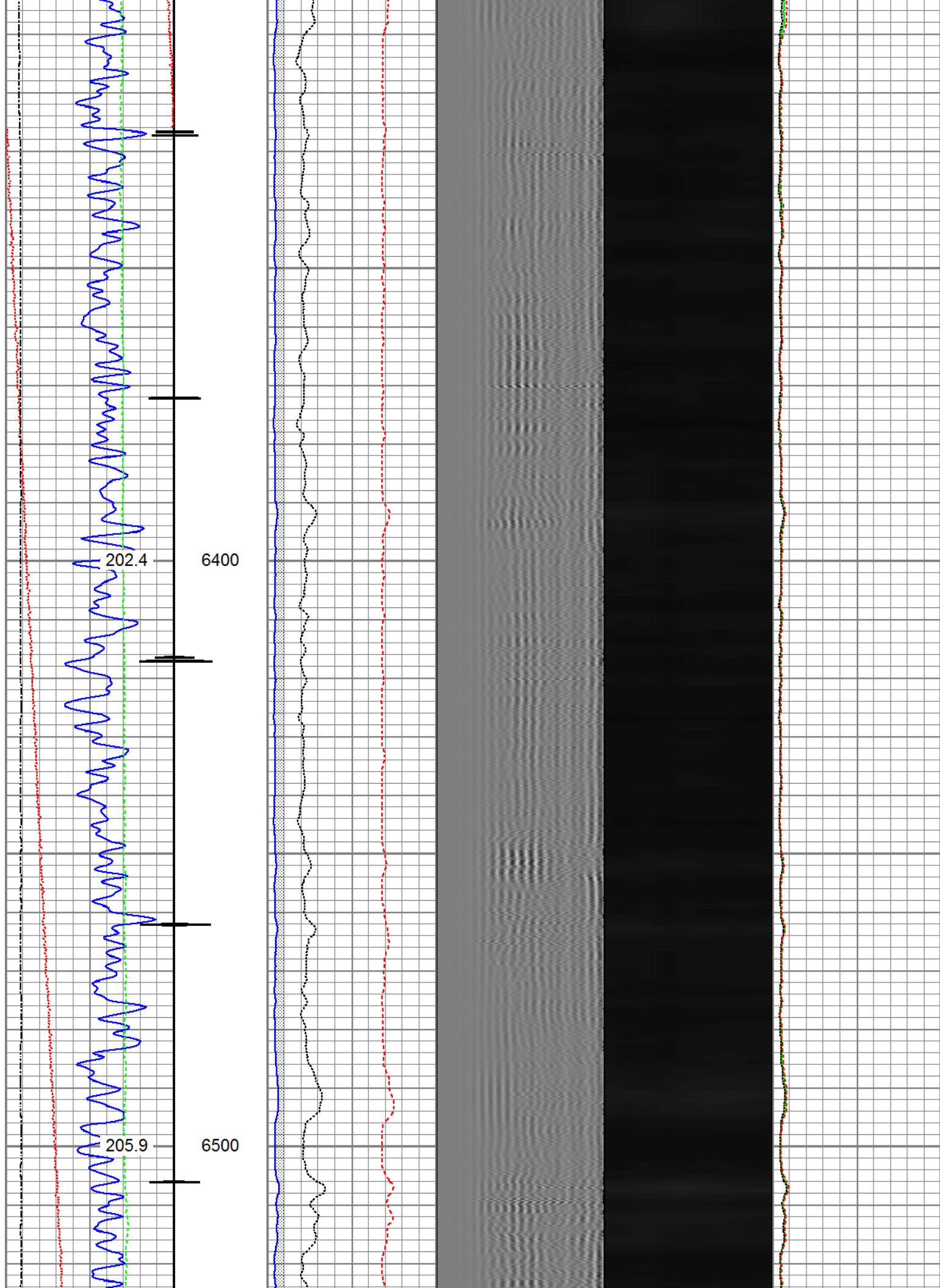


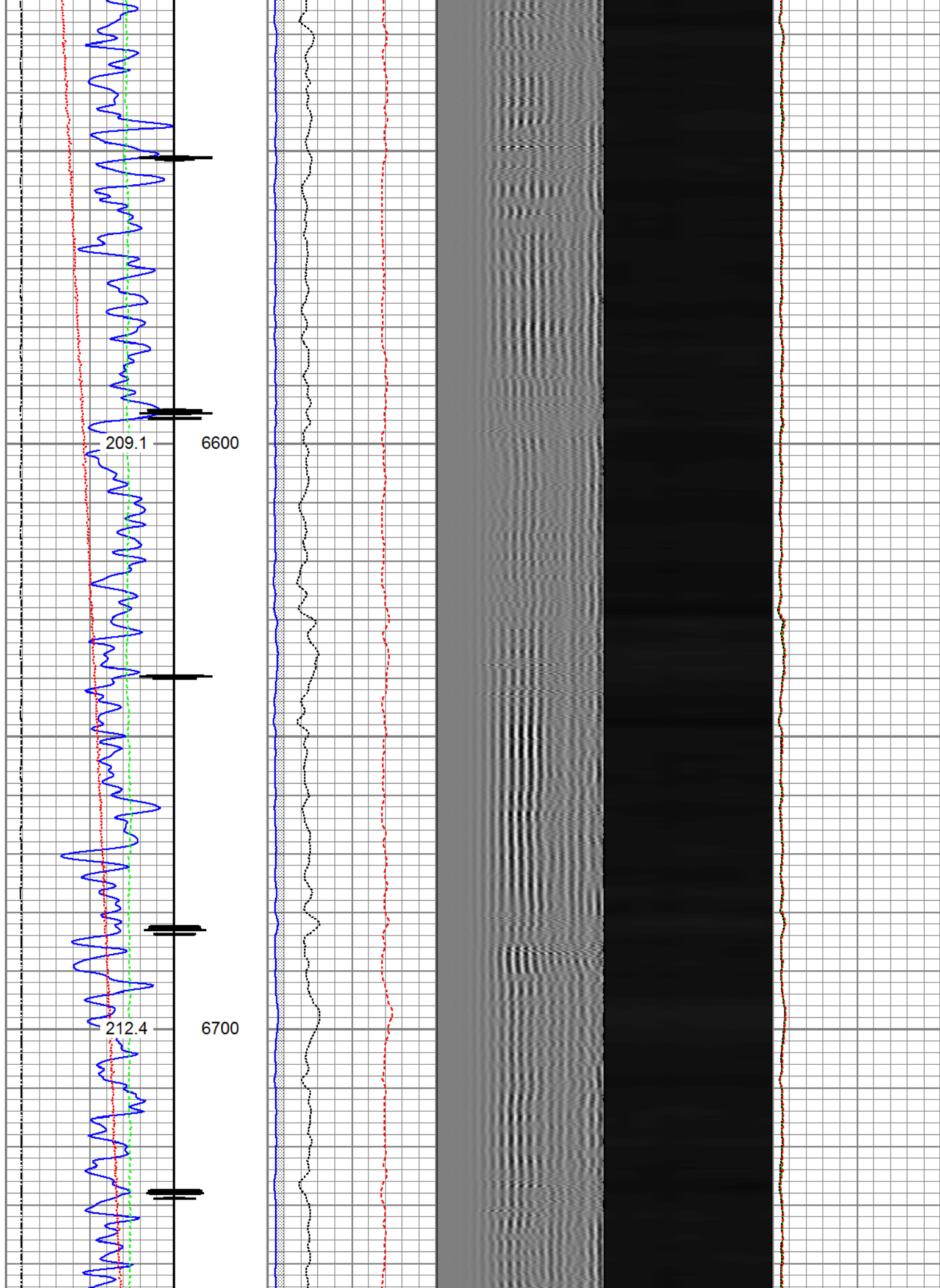




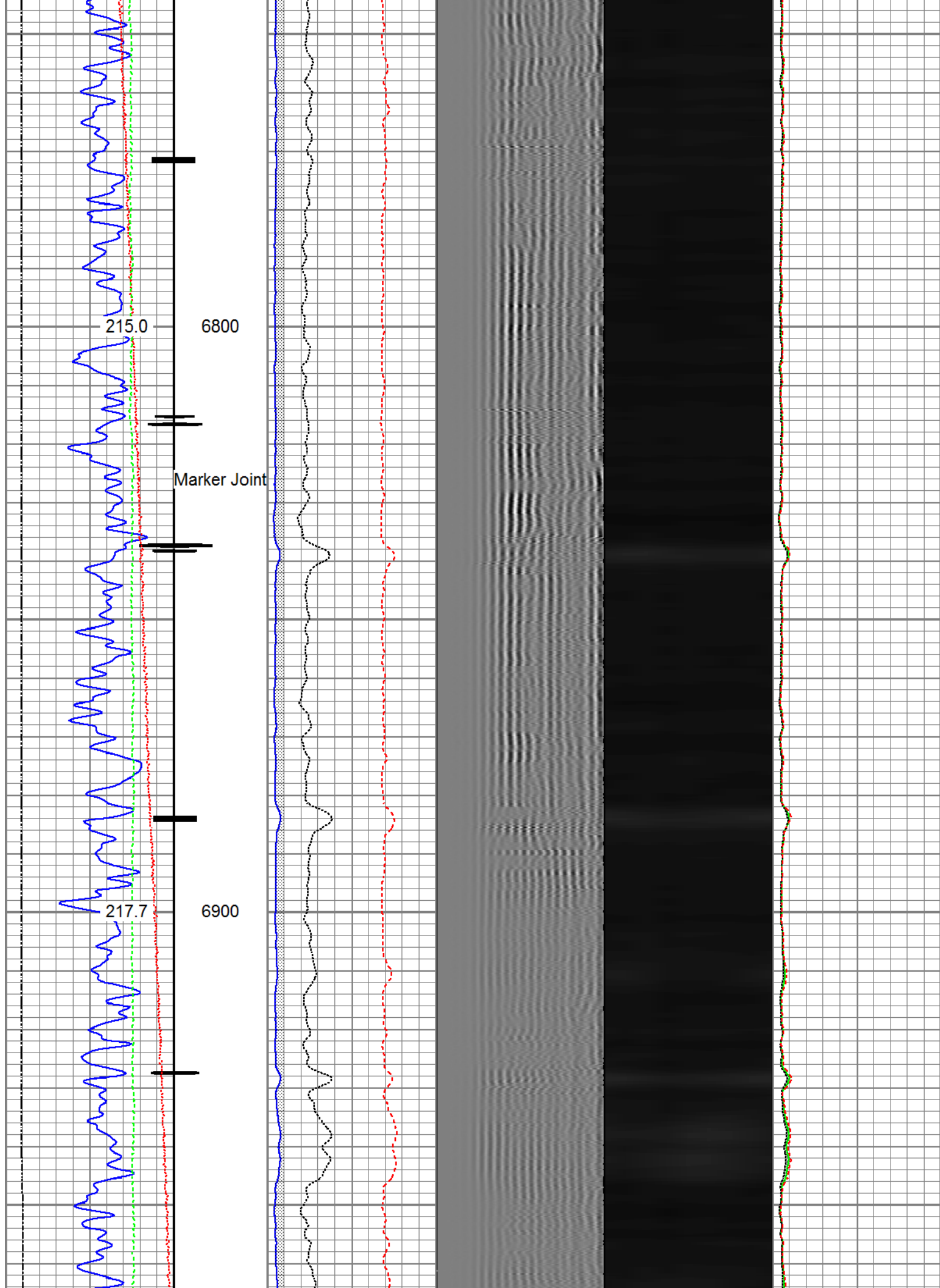


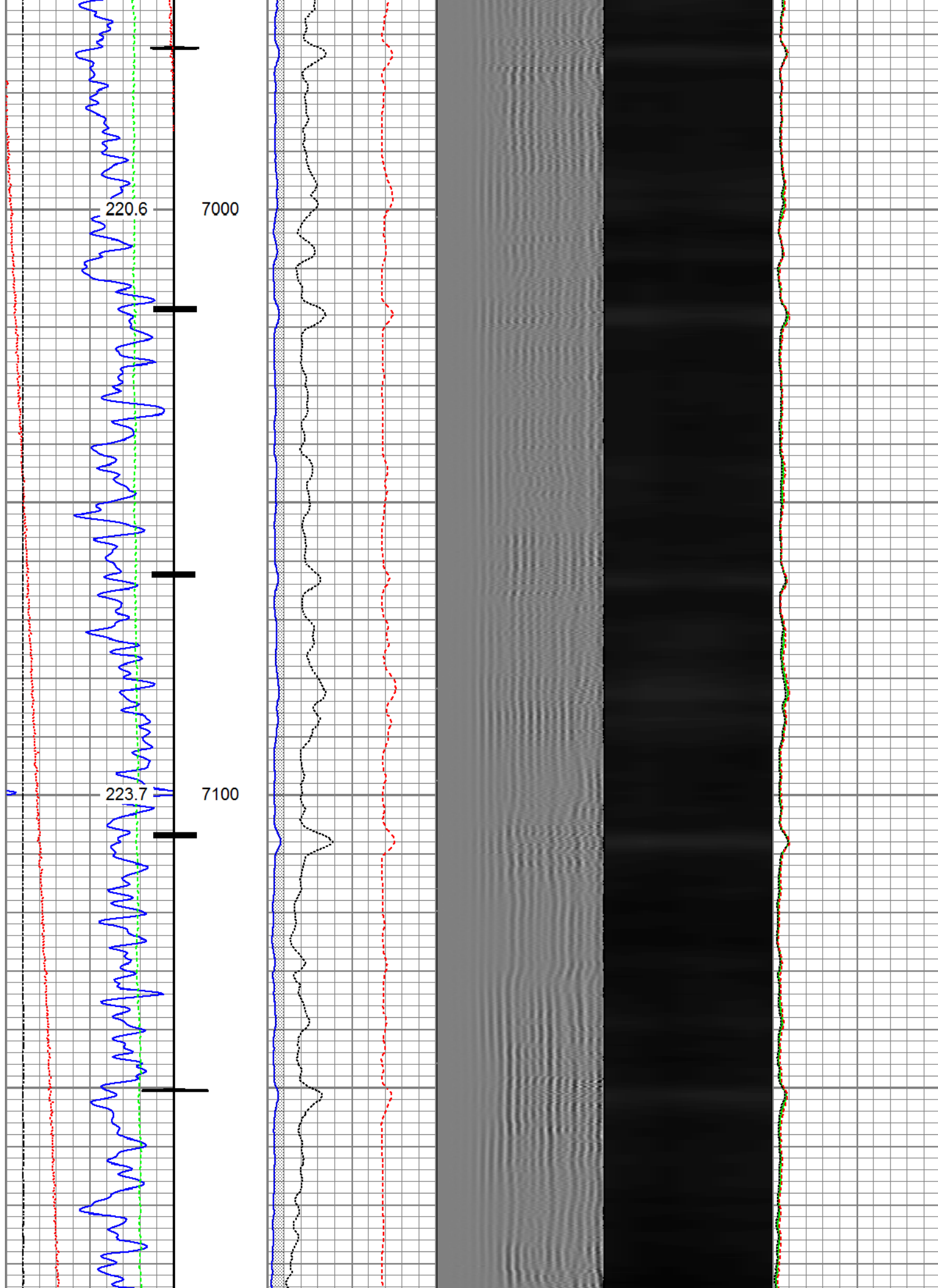


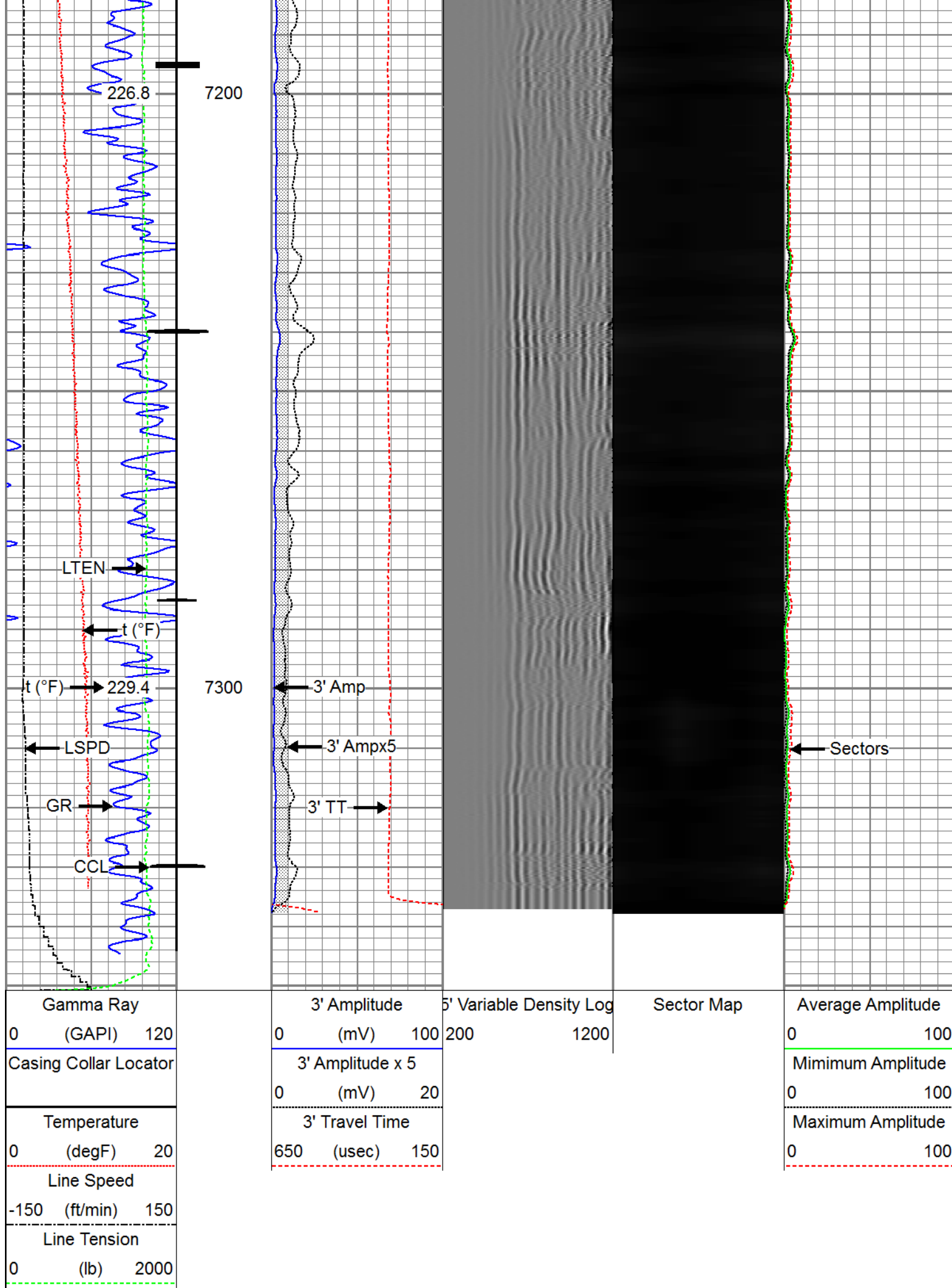












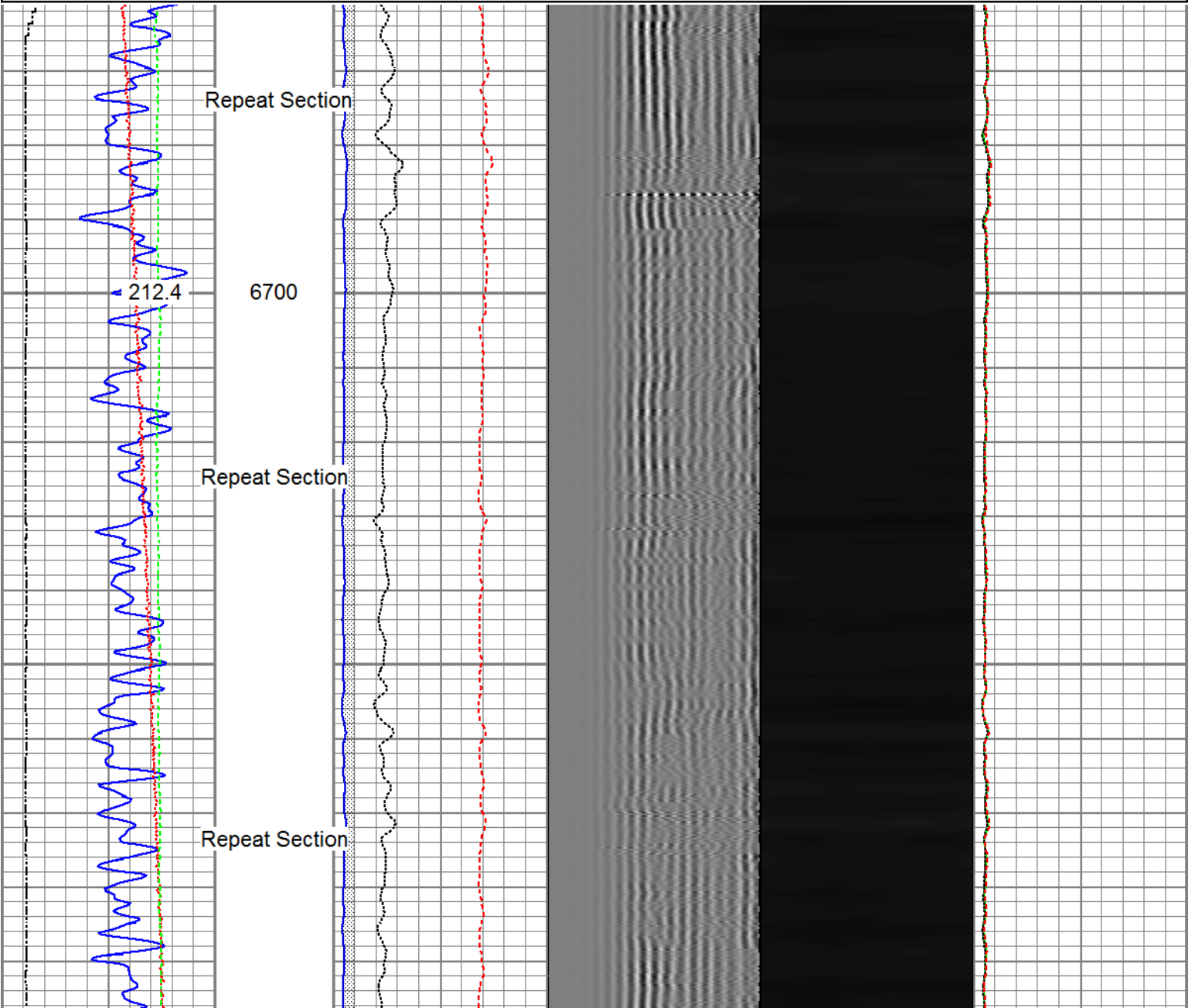


Repeat Pass

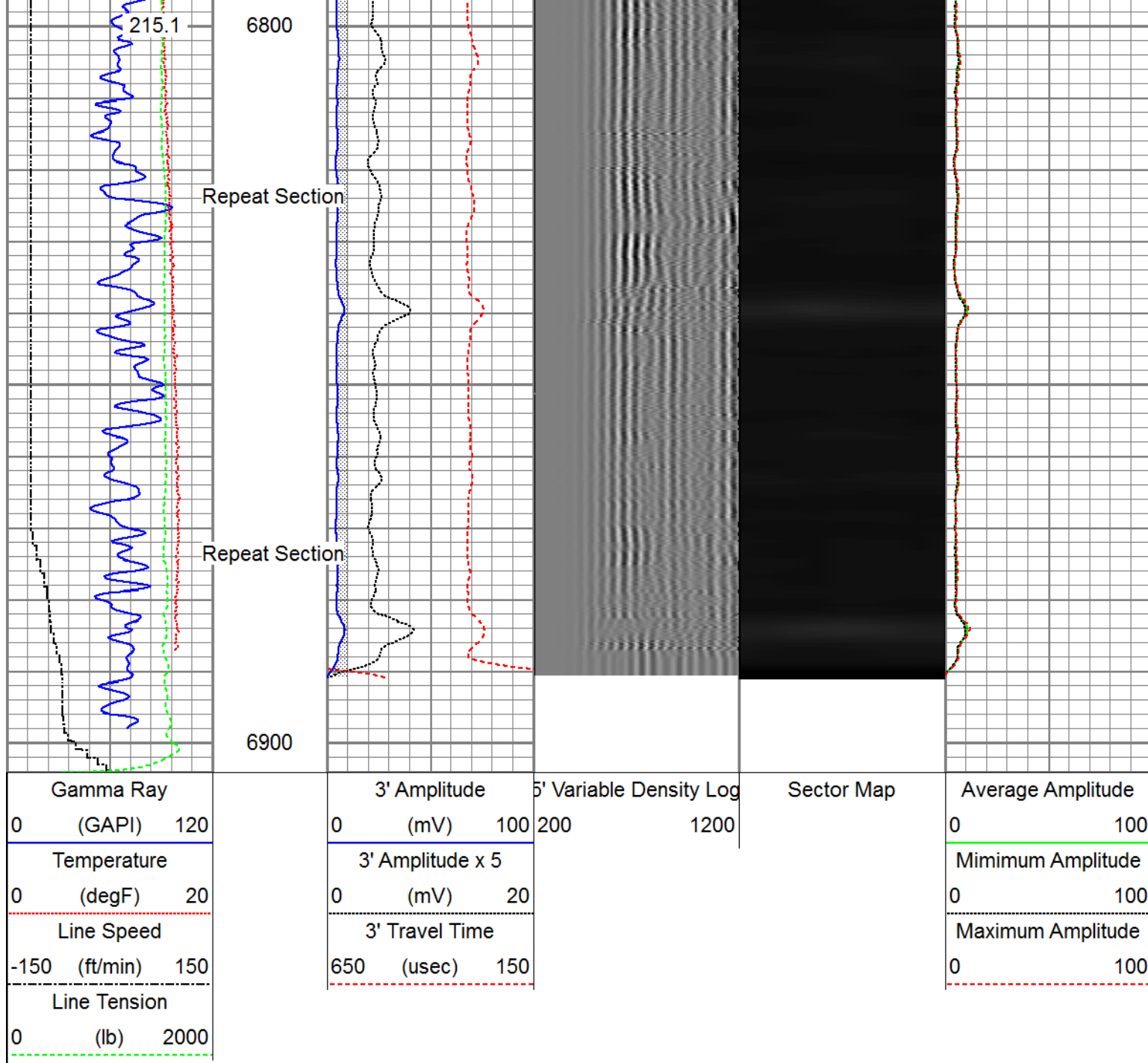
Recorded with 2800 PSI Surface Induced Pressure

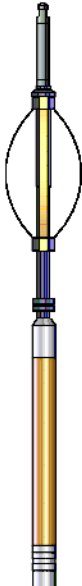
Database File 0512342400\_anadarko land fed 13n-32hz\_08-16-16\_rb\processed\_0512342400\_anadarko land fed  
Dataset Pathname pass4.1  
Presentation Format ros\_radrii  
Dataset Creation Wed Aug 17 14:20:42 2016  
Charted by Depth in Feet scaled 1:240


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)
Temp	16.72		Titan_Electric_Cable_Heads-Titan_1-11/16"	1.03	1.69	5.40
			Electric Cable Head with 1" Fishing Neck			
			Probe_ELine_BowSpring_Centralizer-P_EB	2.8875	2.75	20.00
			Probe 2-3/4" Electric Inline Bowspring Centralizer			

WVFS8	14.55		Probe_RADII-C-P_RBT_2750 (FW1302-0029.19) Probe 2-3/4" Sector Cement Bond Tool with Temperature Probe	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				
DCCL	6.51	Probe_ELine_BowSpring_Centralizer-P_EB52.8875 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.75	20.00	
CCL	6.51				
GR	3.77	Probe_GR_CCL-P_CGR_2750_S (FW12124.54) Probe 2-3/4" Digital CCL / Gamma Ray Combined	2.75	55.00	
		Probe_ELine_BowSpring_Centralizer-P_EB52.8875 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.75	20.00	
Dataset: processed_0512342400_anadarko land fed 13n-32hz_08-16-16_rbl_w8.db: field/well/run1/pass1.1					
Total length: 23.40 ft					
Total weight: 225.40 lb					
O.D.: 2.75 in					

Calibration Report		
Database File	c:\programdata\warrior\data\0512342400_anadarko land fed 13n-32hz_08-16-16_rbl\processed_0512	
Dataset Pathname	pass1.1	
Dataset Creation	Wed Aug 17 13:56:33 2016	
Gamma Ray Calibration Report		
Serial Number:	FW1212-026	
Tool Model:	P_CGR_2750_S	
Performed:	Sat Feb 06 11:32:54 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: FW1302-002  
 Tool Model: P\_RBT\_2750

Calibration Casing Diameter: 5.500 in  
 Calibration Depth: -603.341 ft

## Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.007	0.688	0.800	71.921	104.462	0.035
CAL	0.007	0.769				
5'	0.010	0.509	0.800	71.921	142.479	-0.645
SUM						
S1	0.007	0.692	0.000	100.000	146.068	-1.041
S2	0.008	0.699	0.000	100.000	144.813	-1.223
S3	0.009	0.702	0.000	100.000	144.278	-1.319
S4	0.009	0.693	0.000	100.000	146.350	-1.385
S5	0.009	0.691	0.000	100.000	146.579	-1.355
S6	0.008	0.677	0.000	100.000	149.322	-1.149
S7	0.008	0.674	0.000	100.000	150.278	-1.269
S8	0.009	0.689	0.000	100.000	147.063	-1.290

## Internal Reference Calibration, performed Fri Aug 05 07:29:17 2016:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.007	0.769	1.000	0.000

## Air Zero Calibration, performed Tue Aug 16 10:22:47 2016:

	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 Land Fed 13N-32HZ  
 Field Wattenberg  
 County Weld  
 State Colorado

