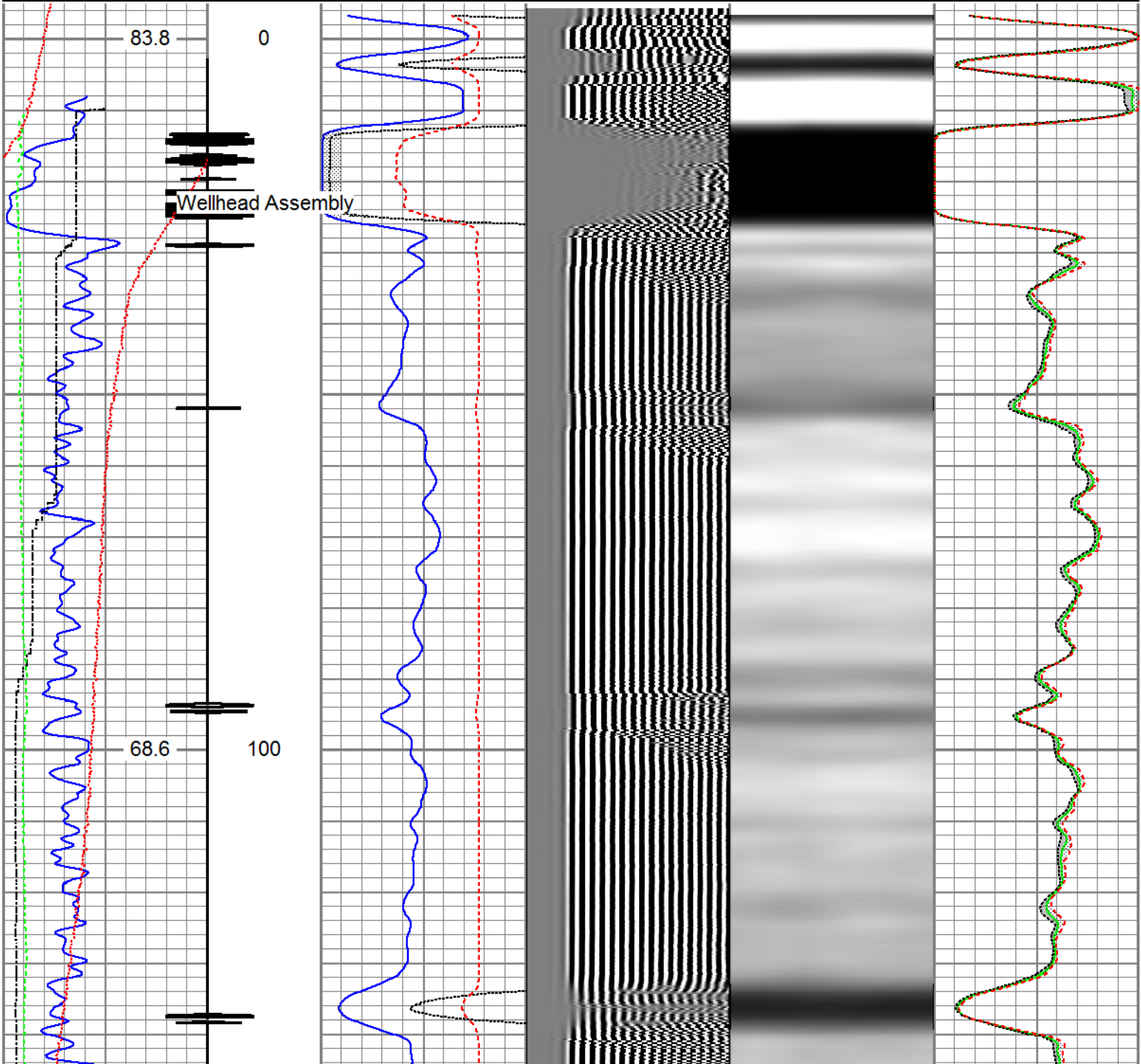
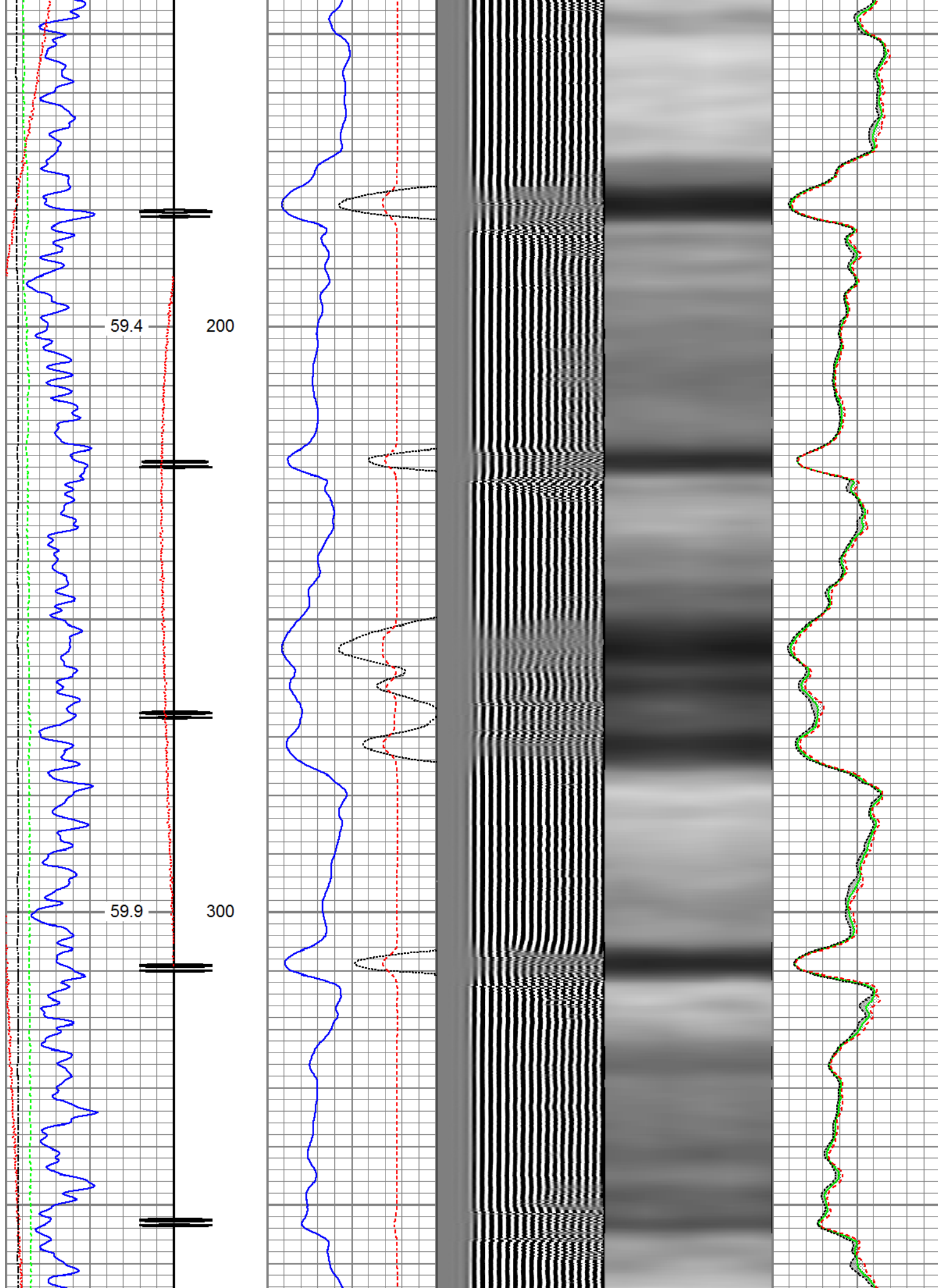
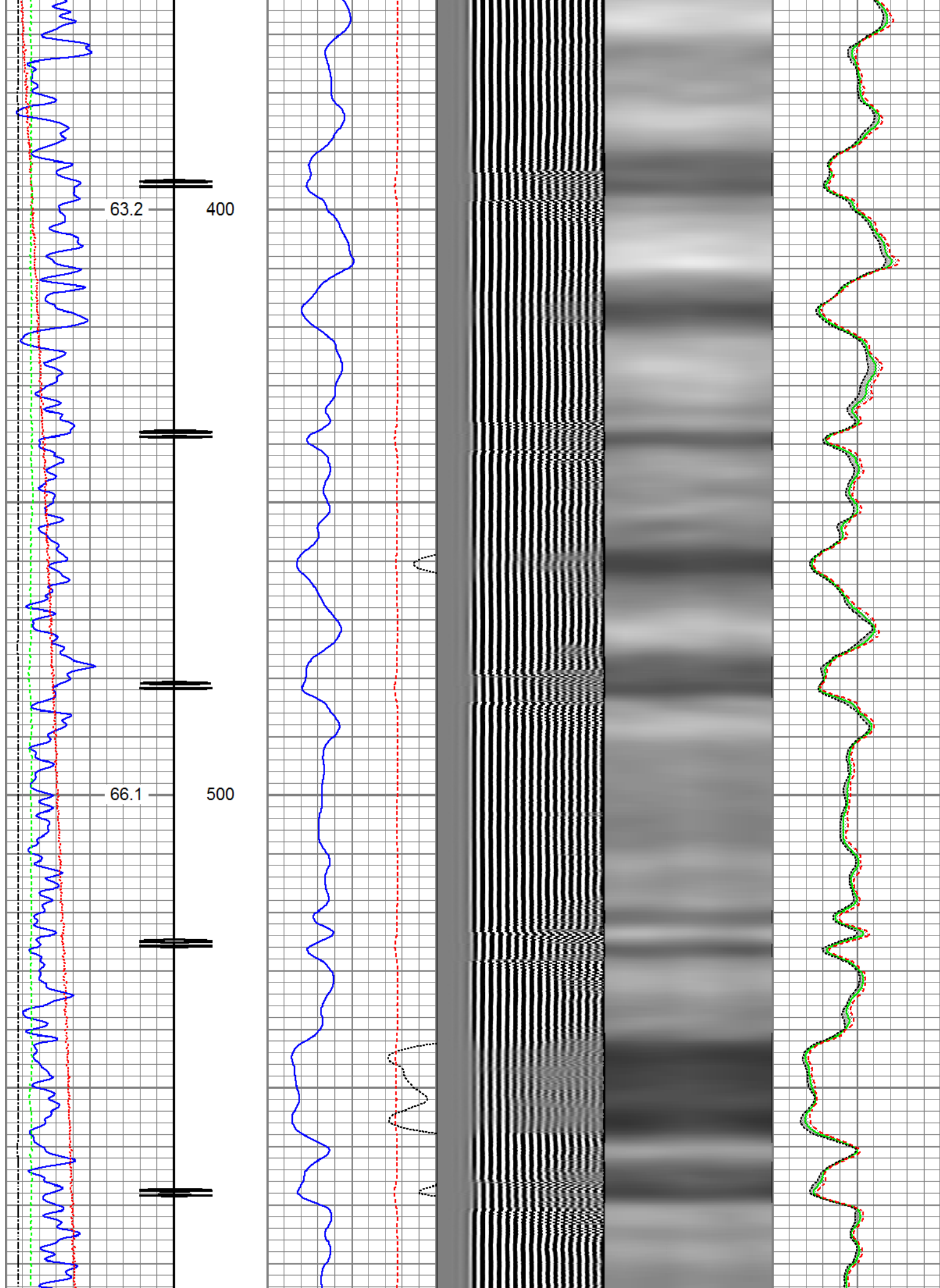


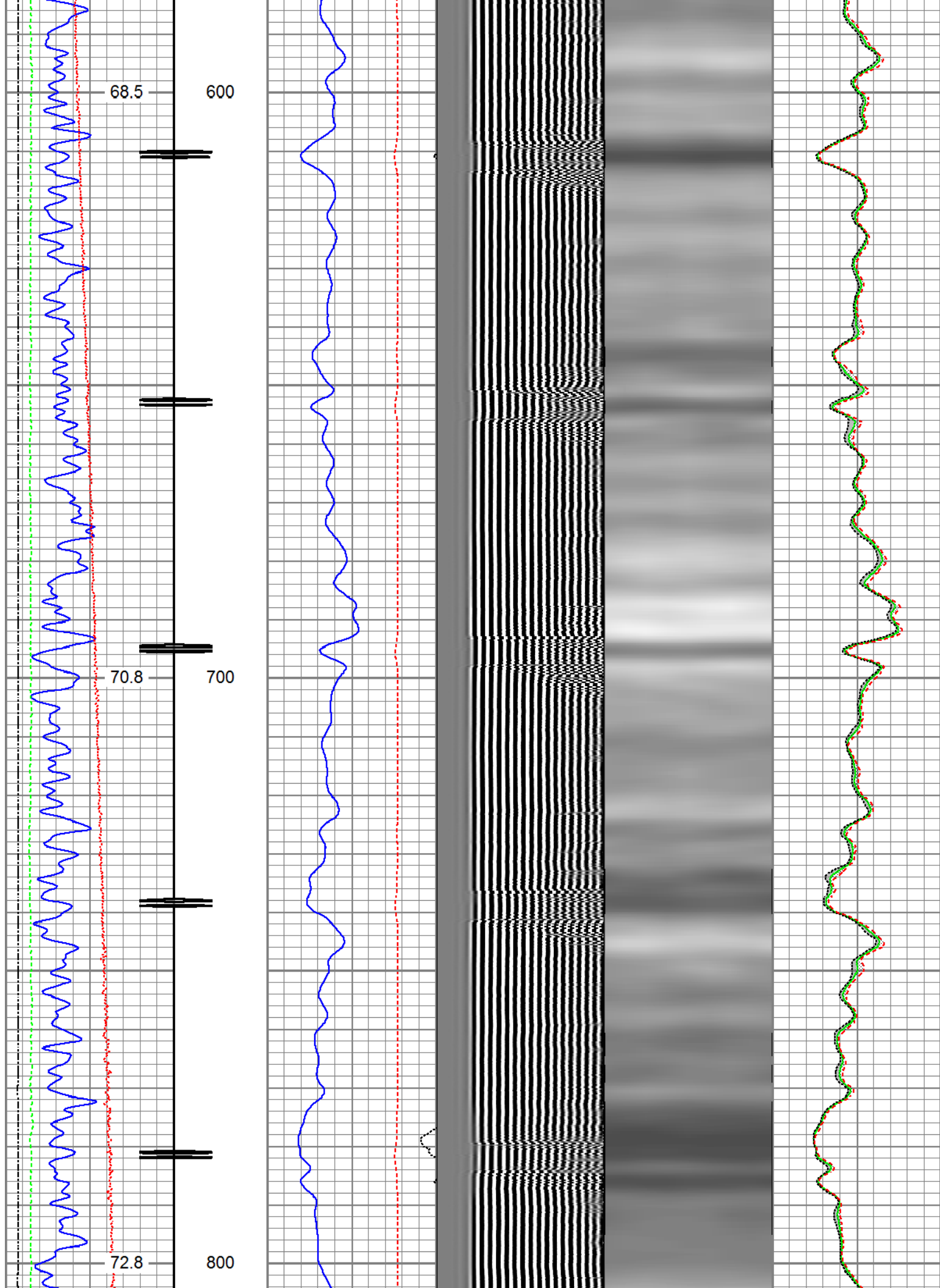
Recorded with 2800 PSI Surface Induced Pressure

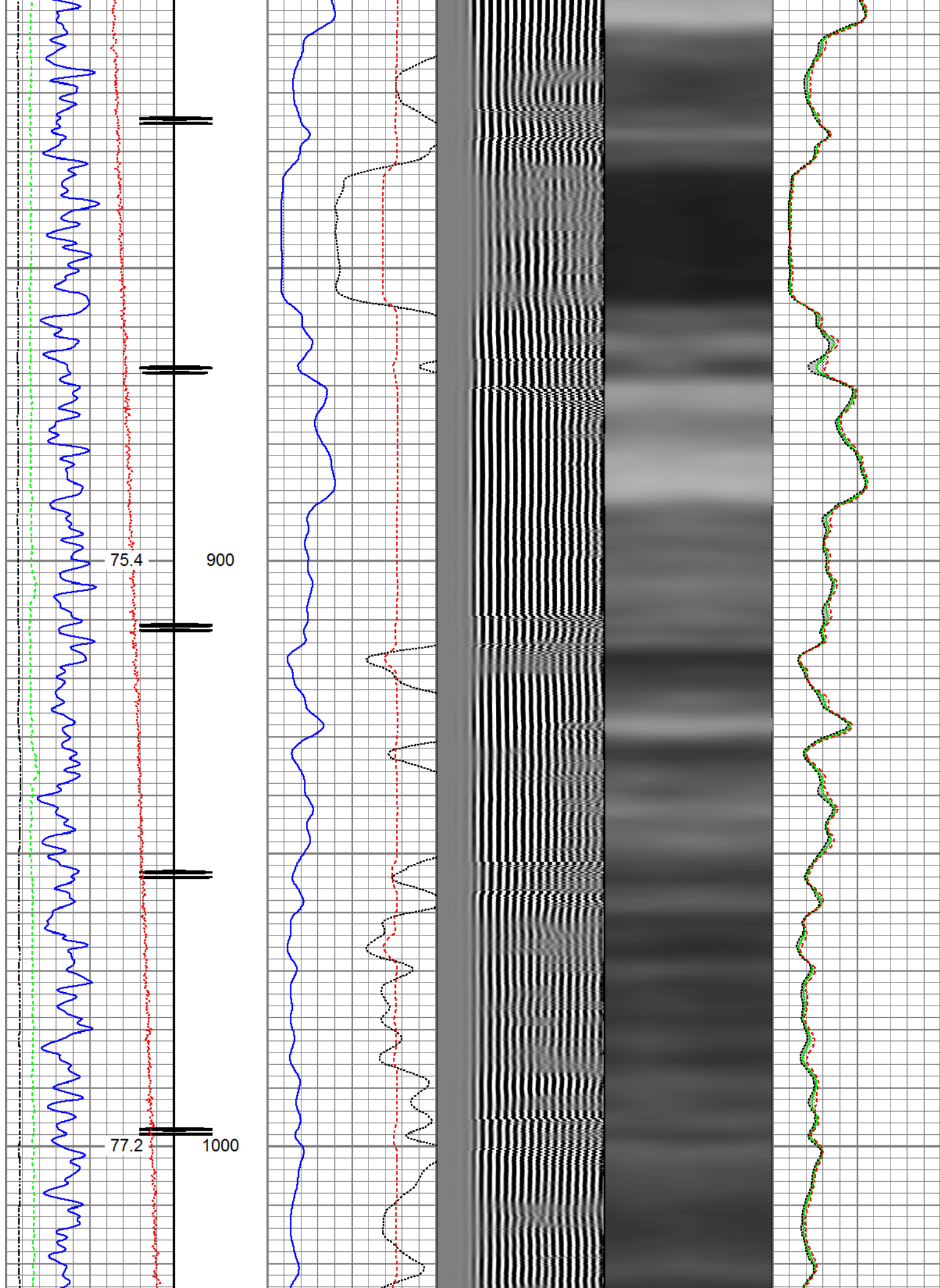
Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 120	0 (mV) 100	200 1200		0 100
Casing Collar Locator	3' Amplitude x 5			Minimum Amplitude
	0 (mV) 20			0 100
Temperature	3' Travel Time			Maximum Amplitude
0 (degF) 20	650 (usec) 150			0 100
Line Speed				
-150 (ft/min)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

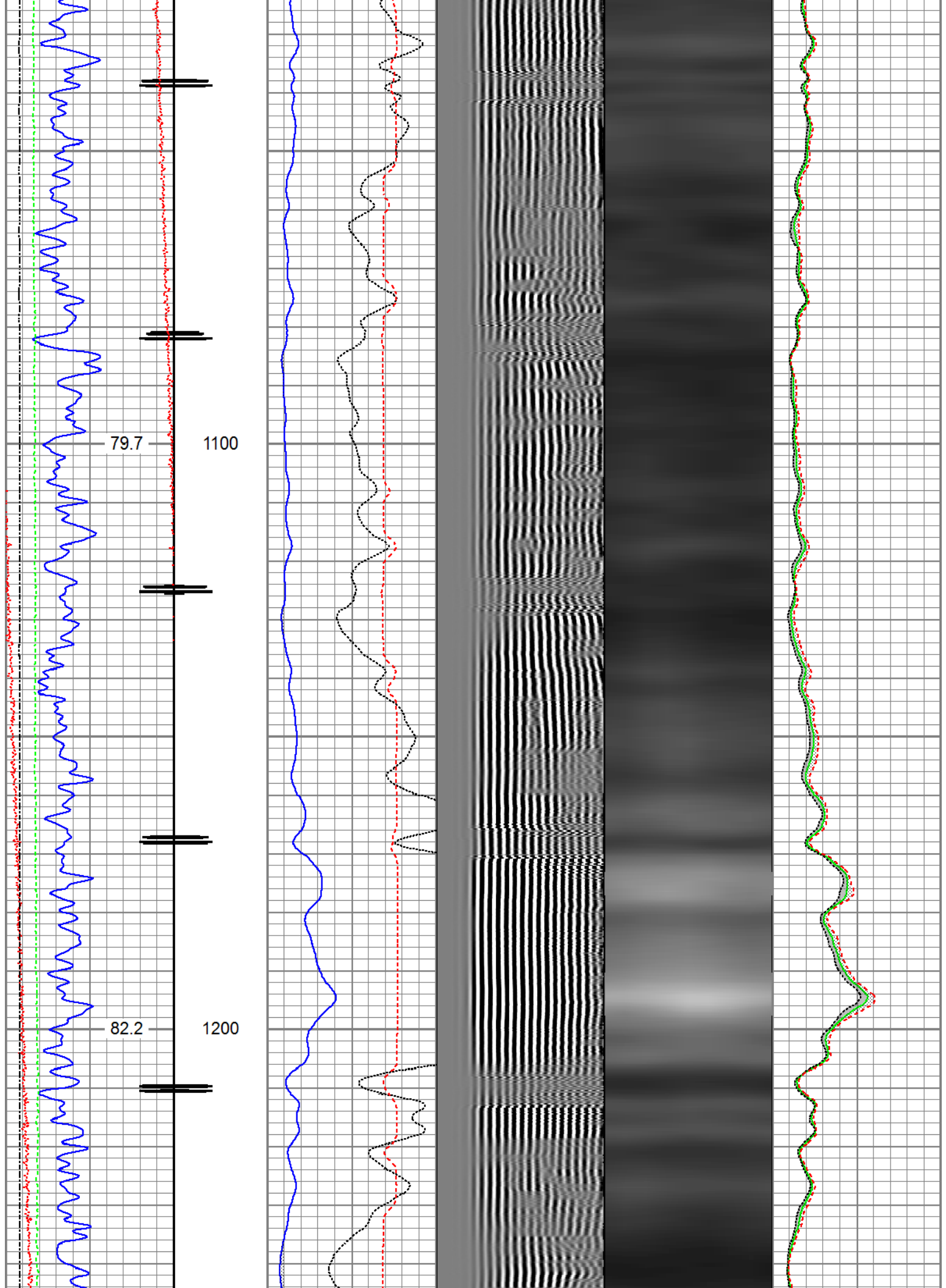


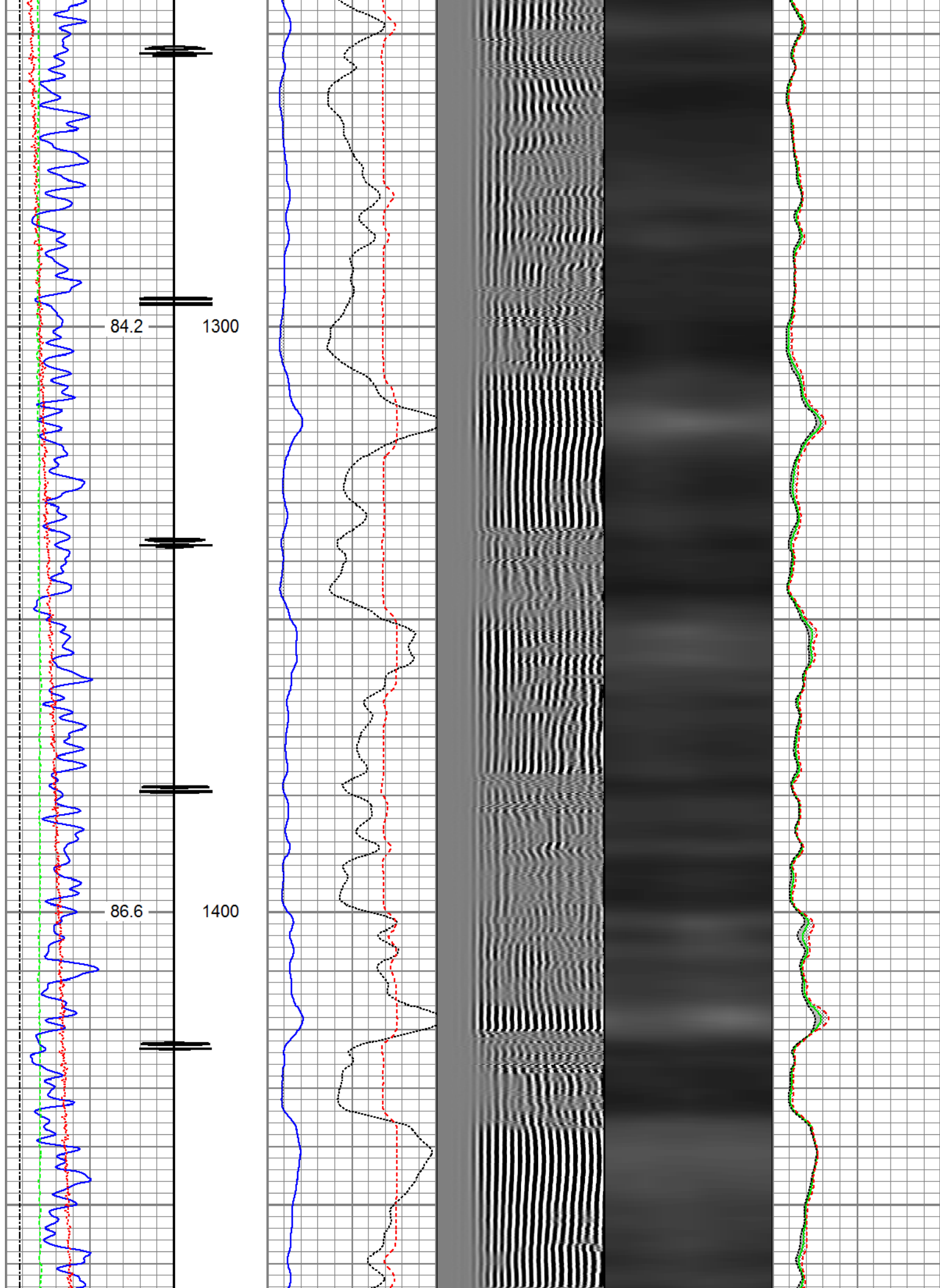


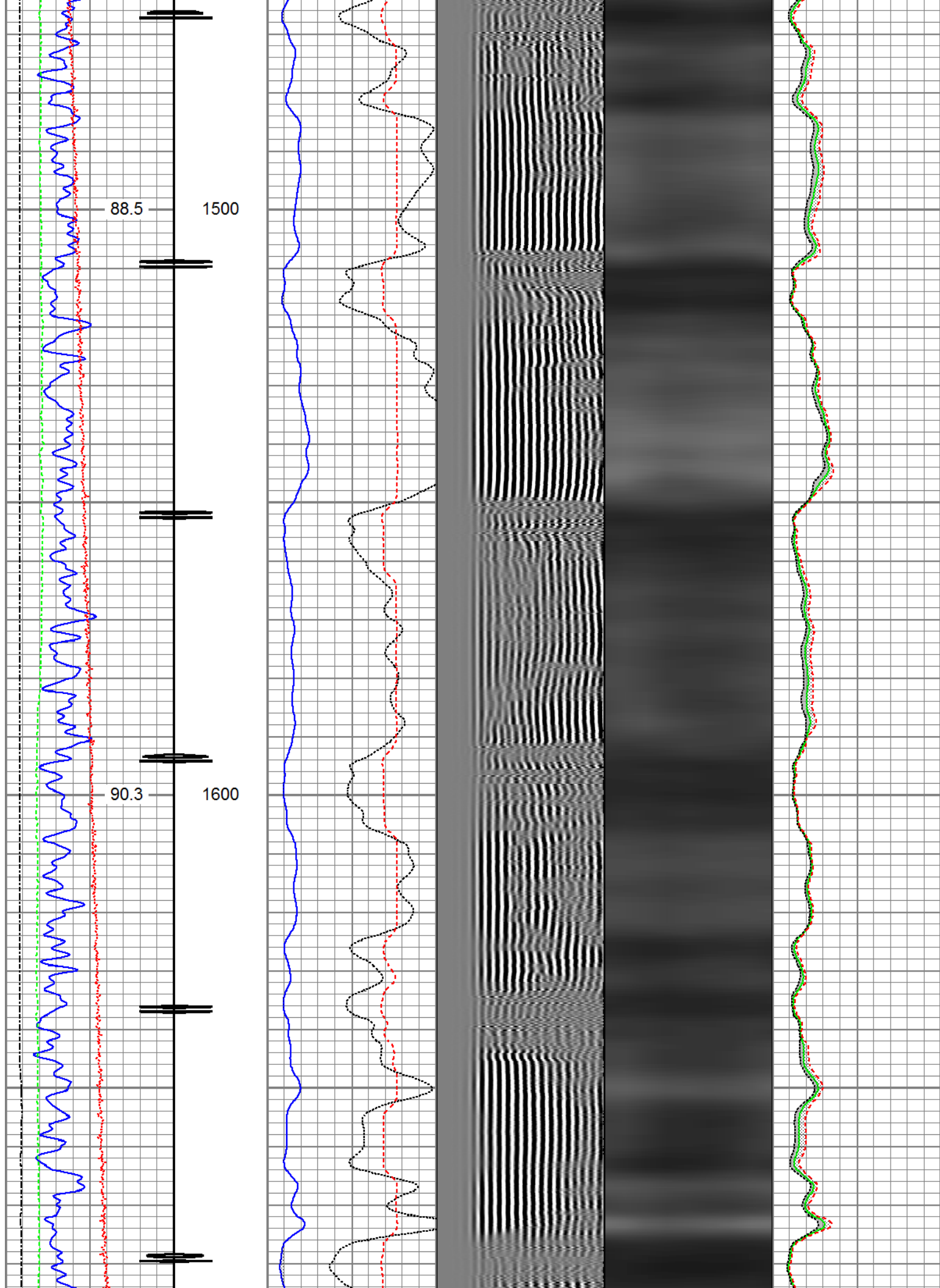


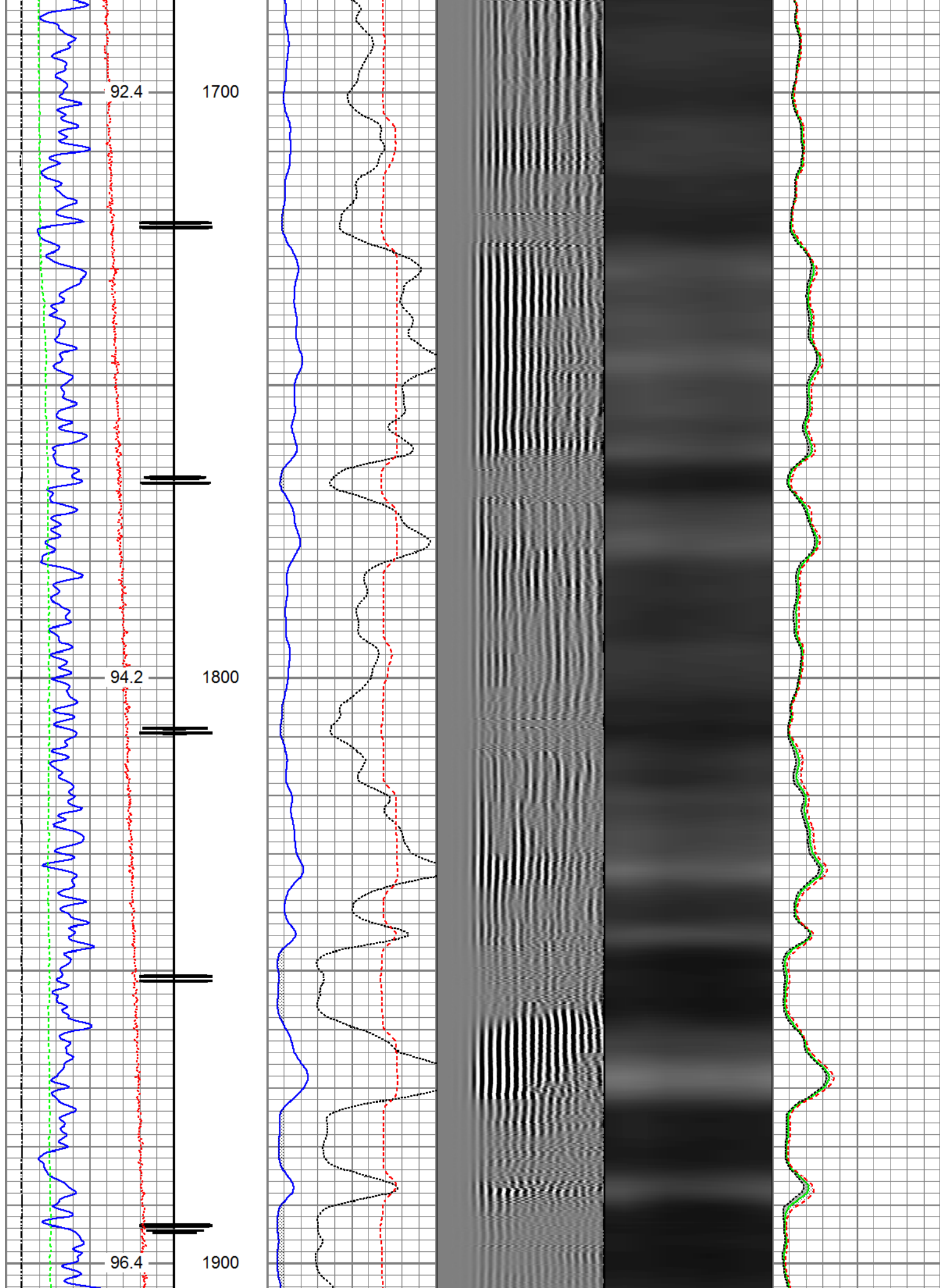


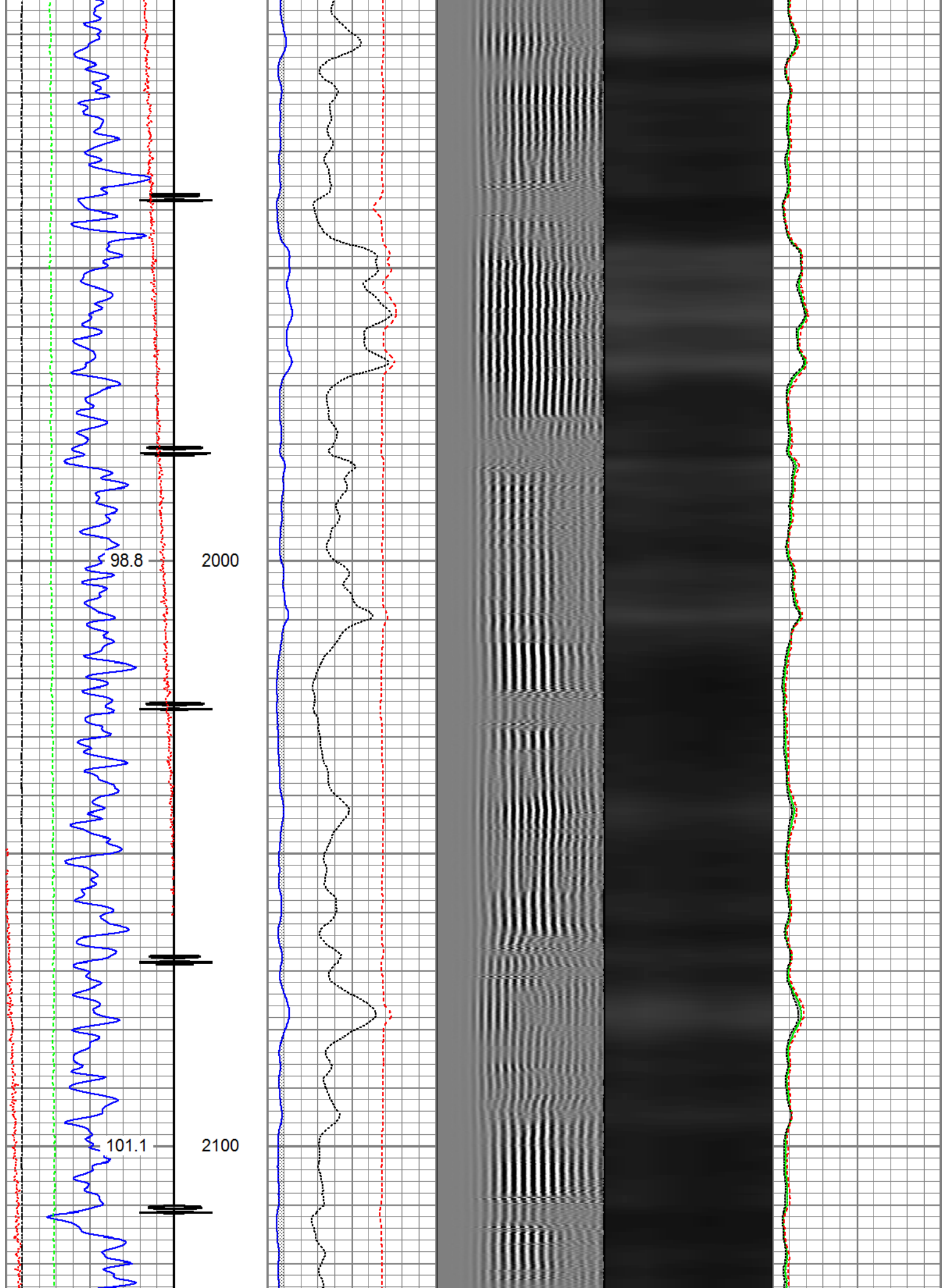


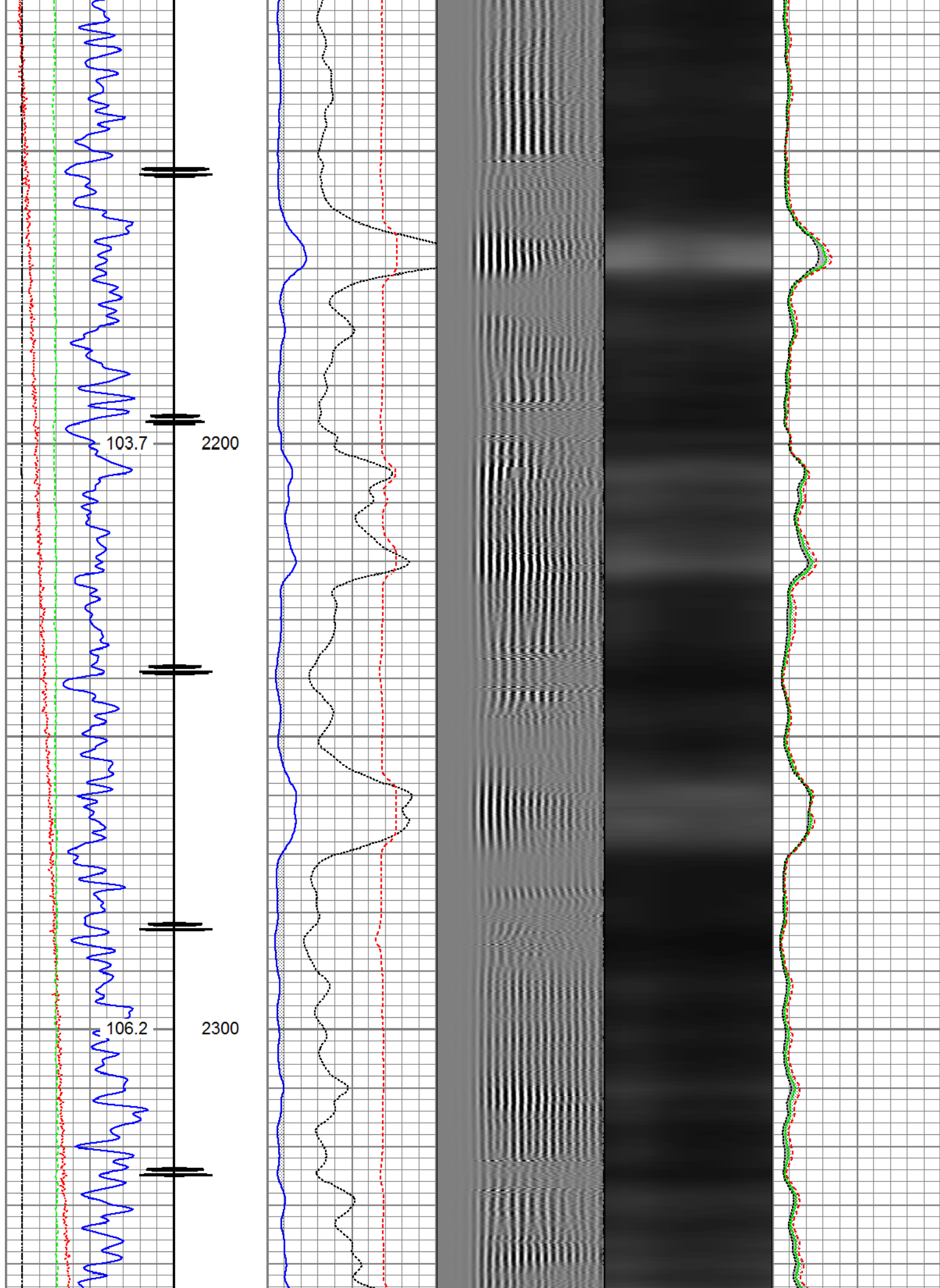


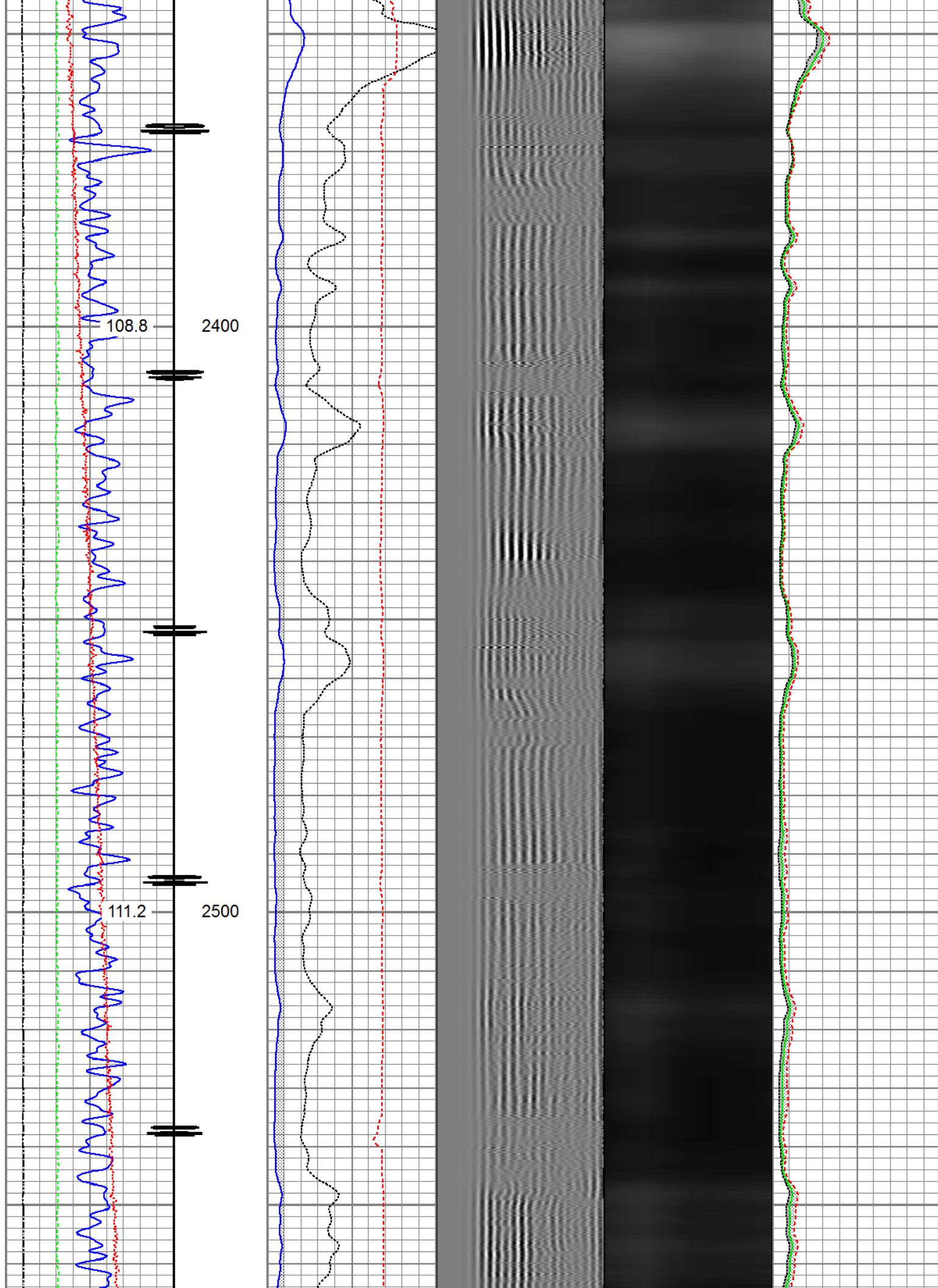


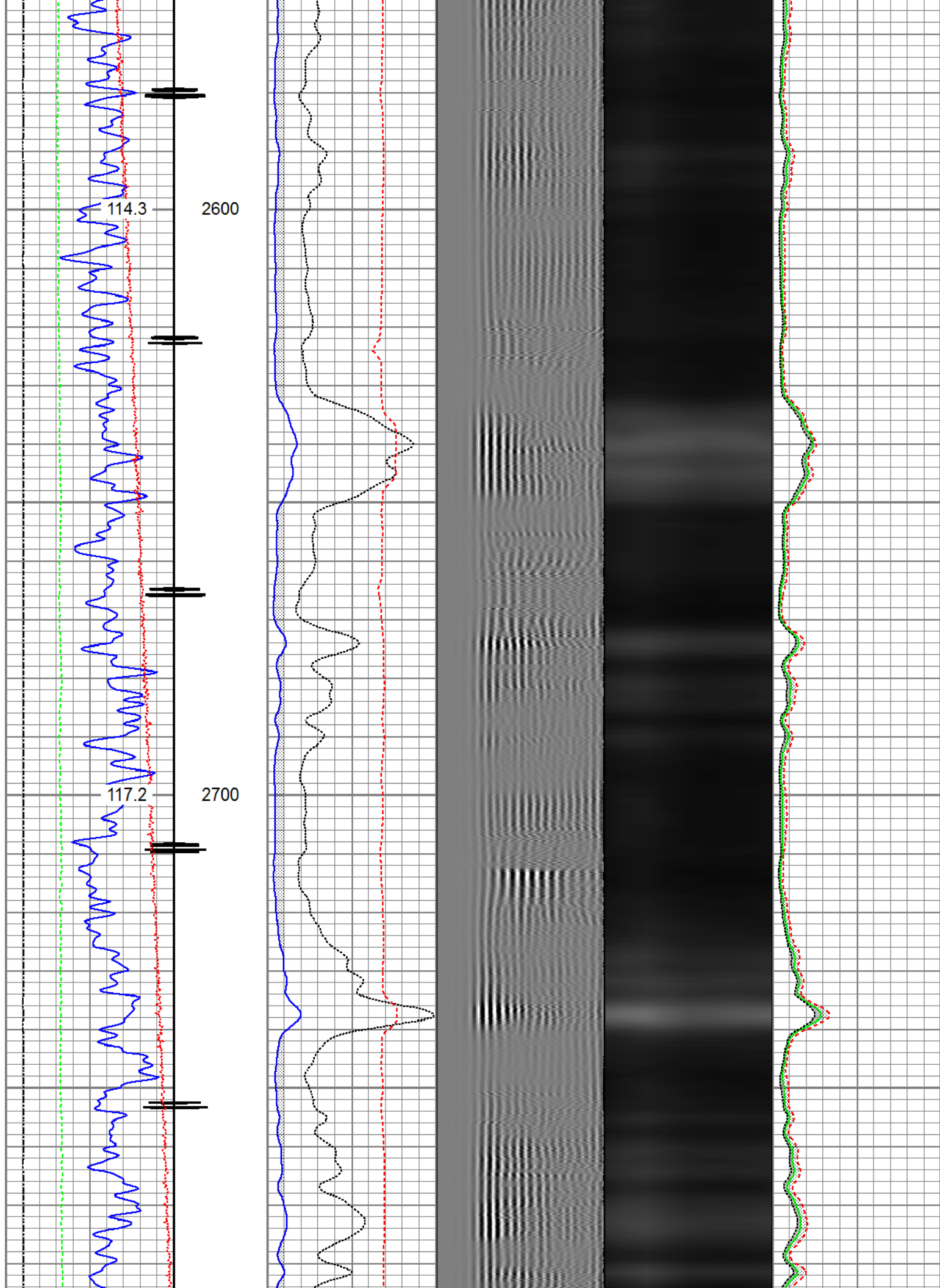


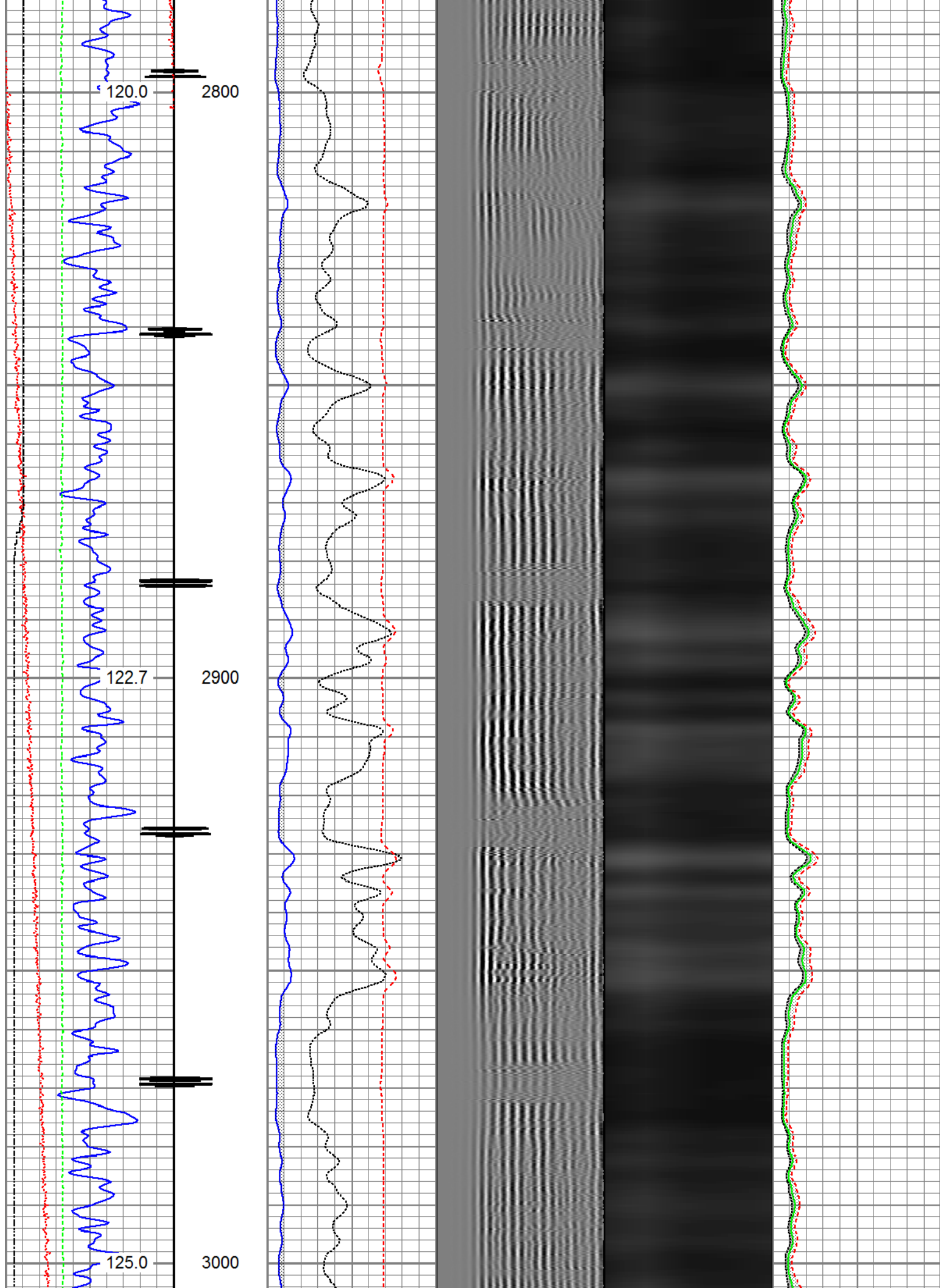


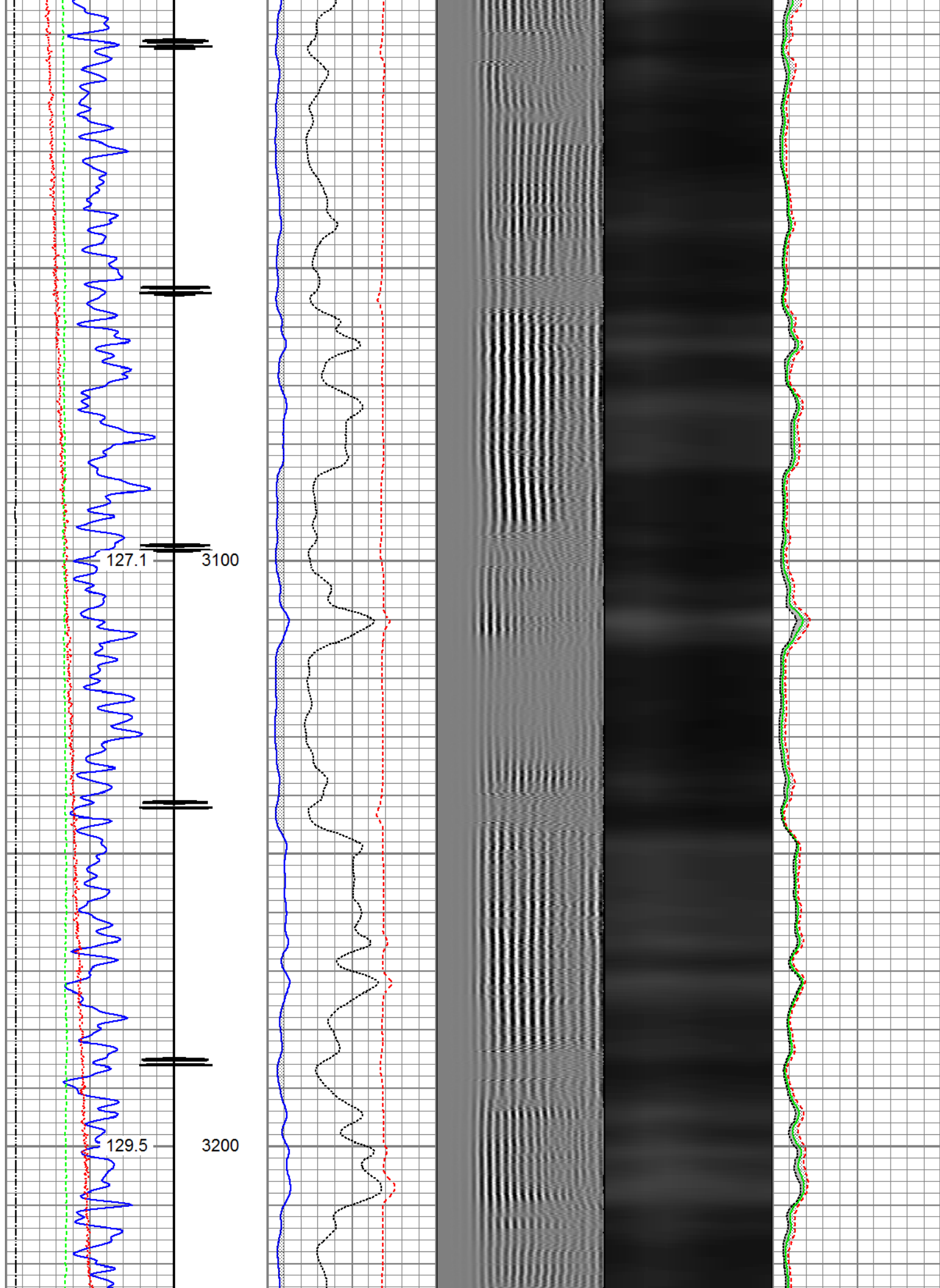


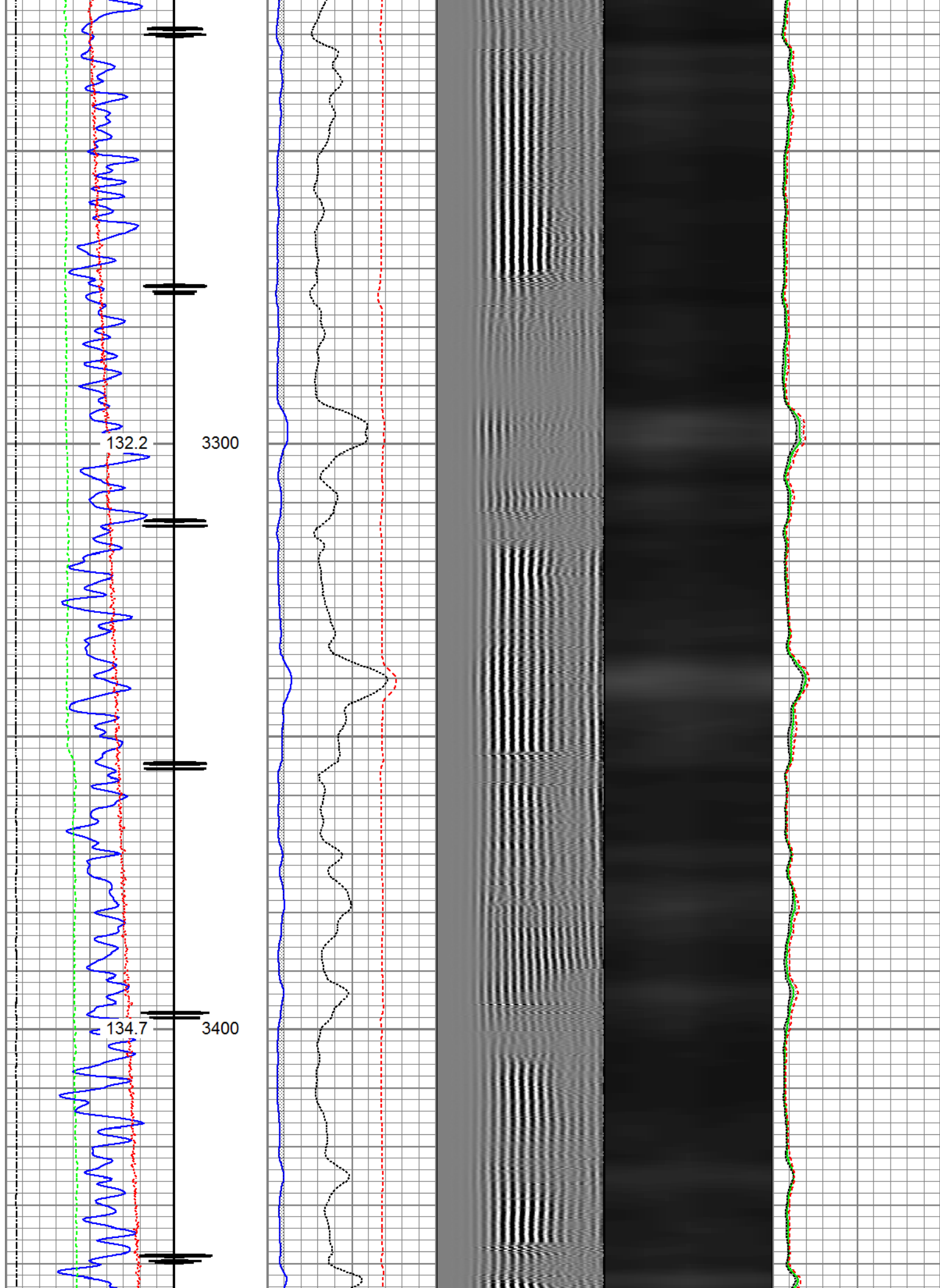


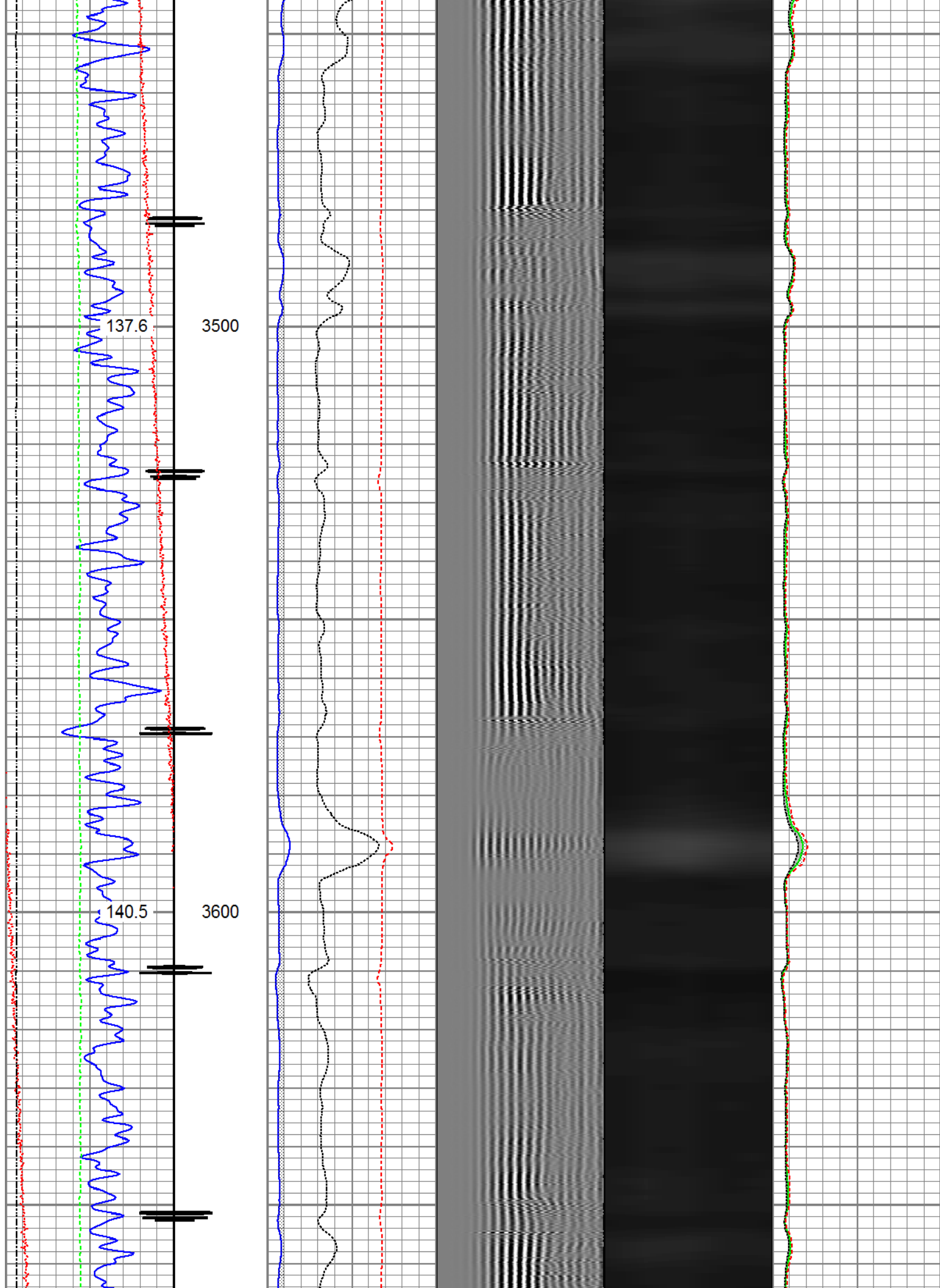


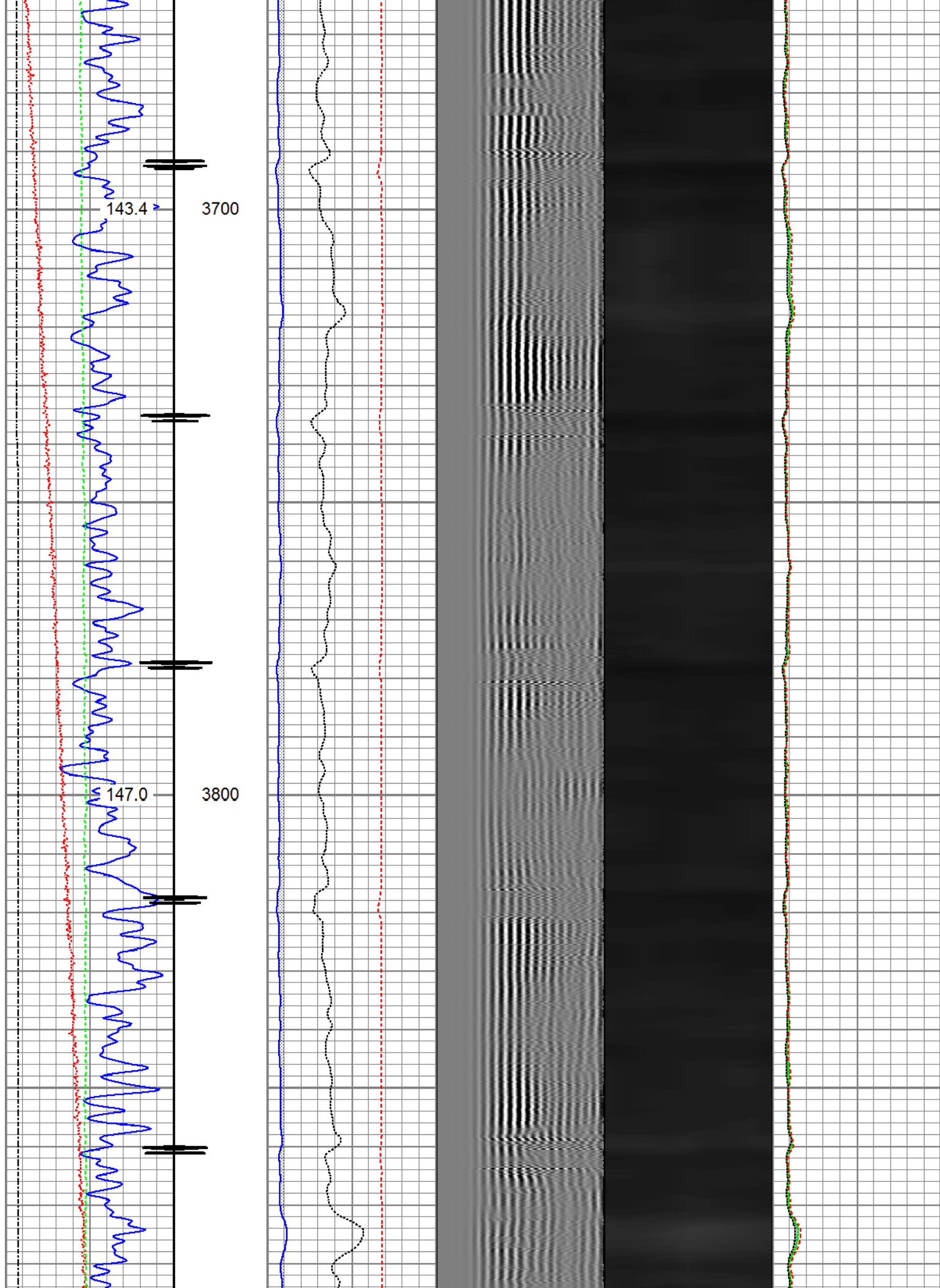


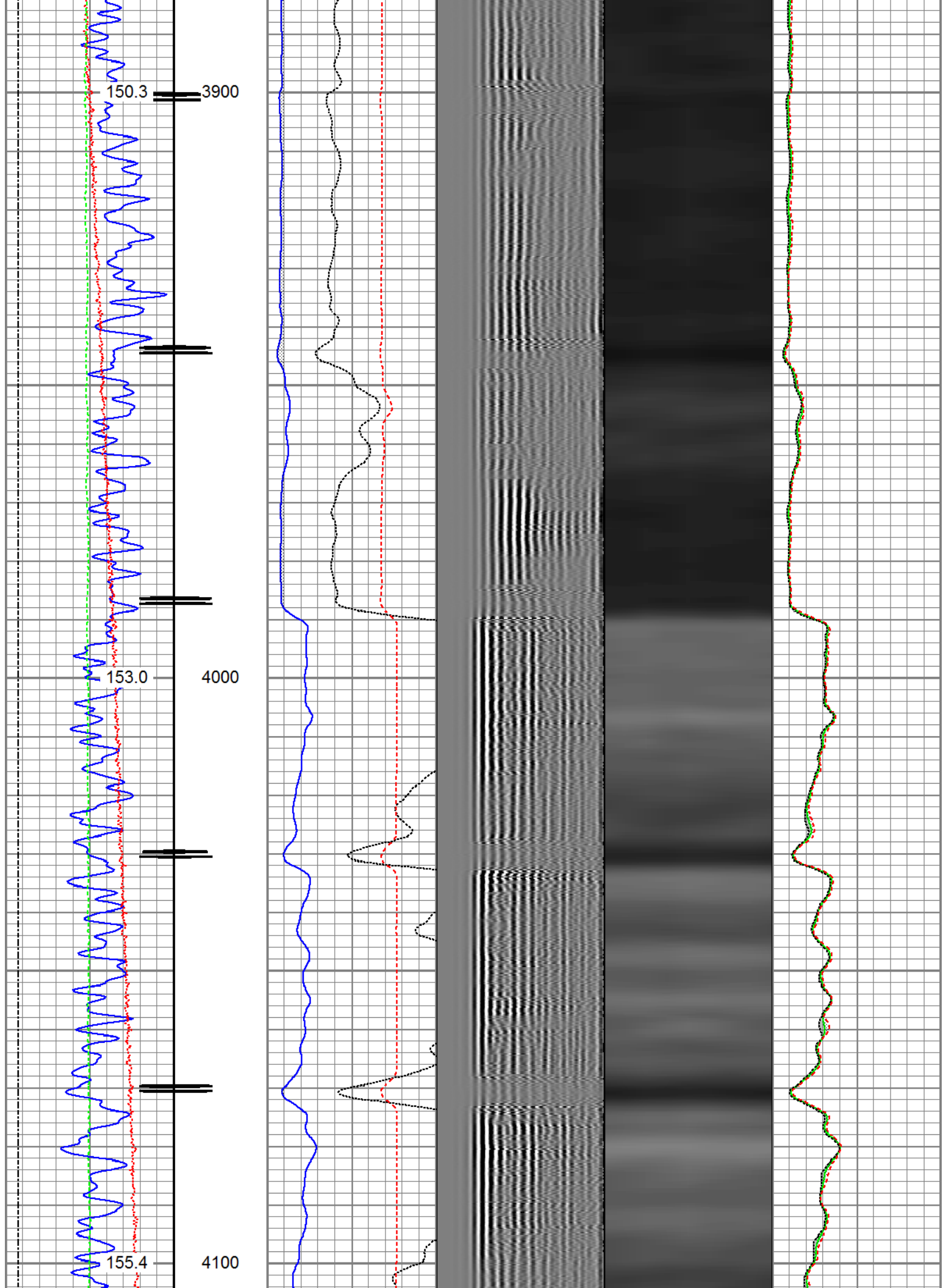


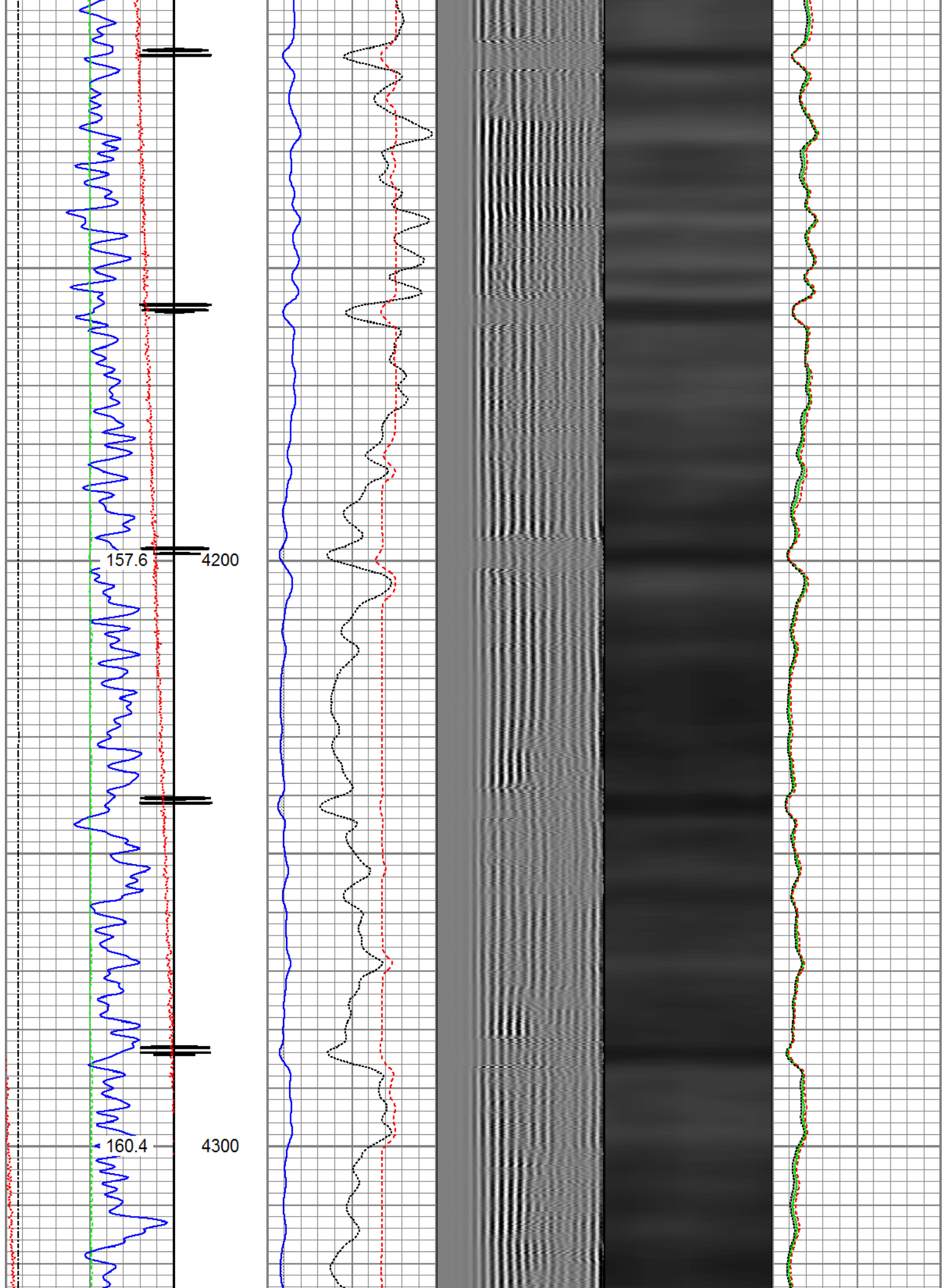


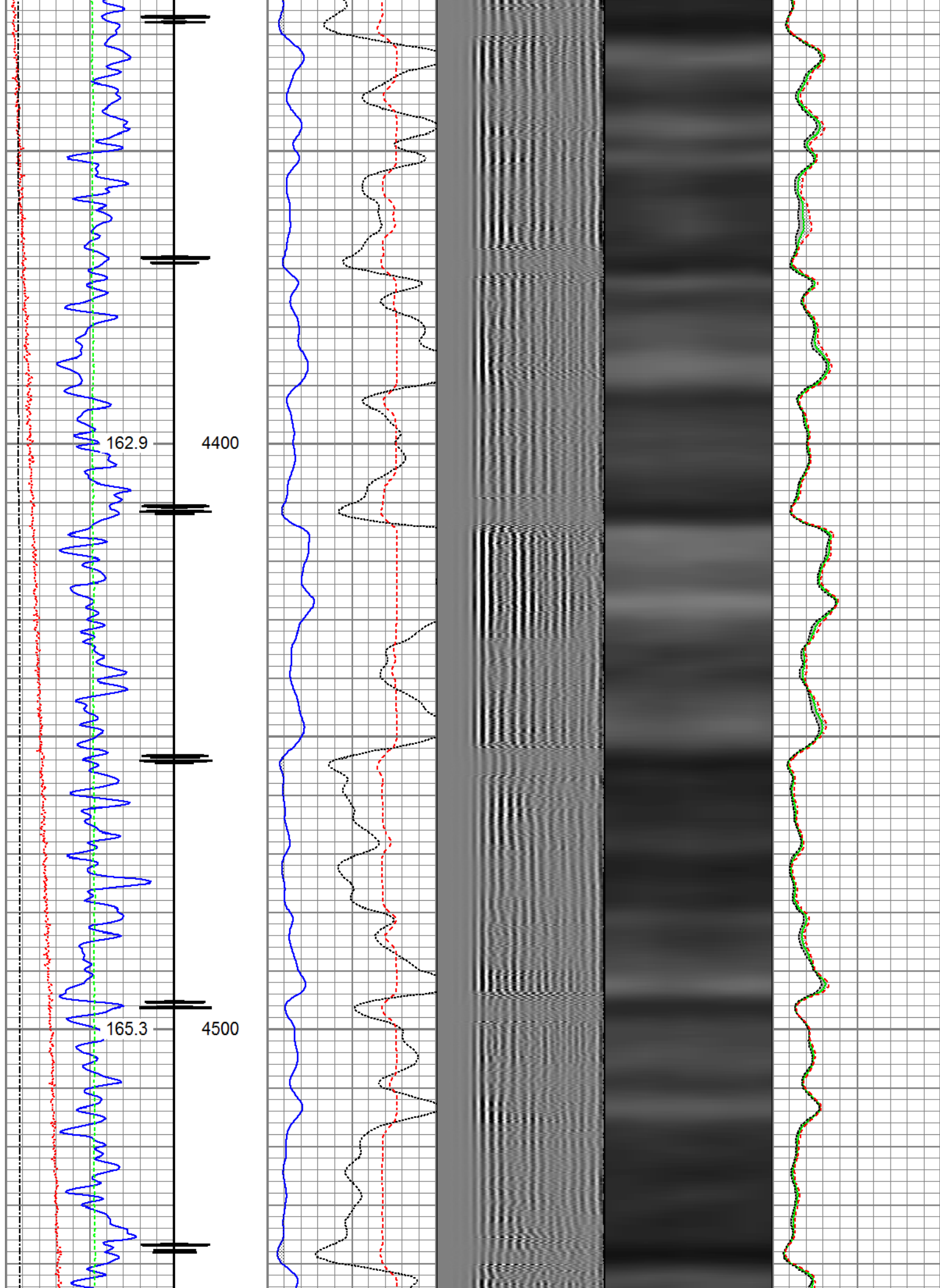


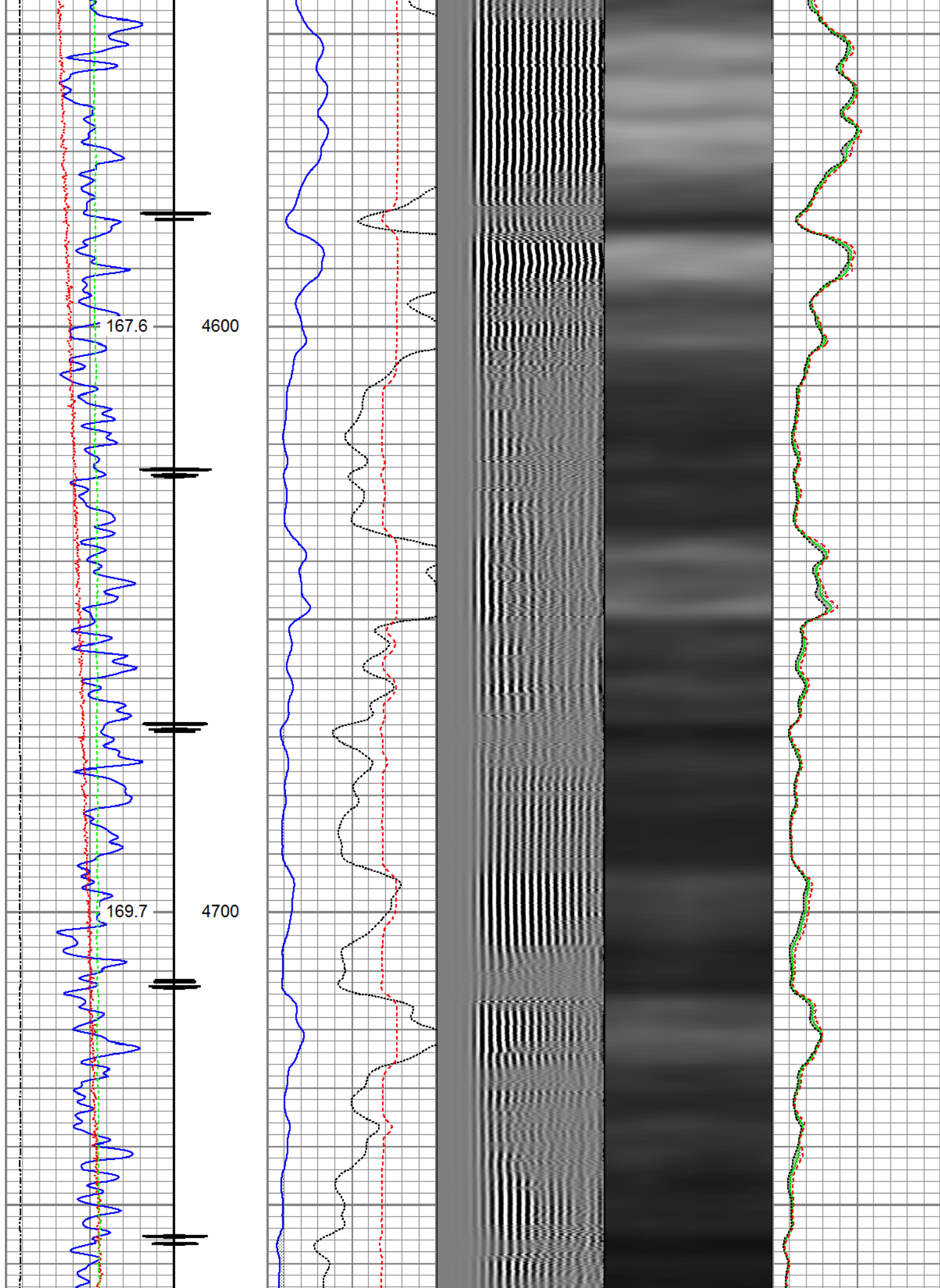


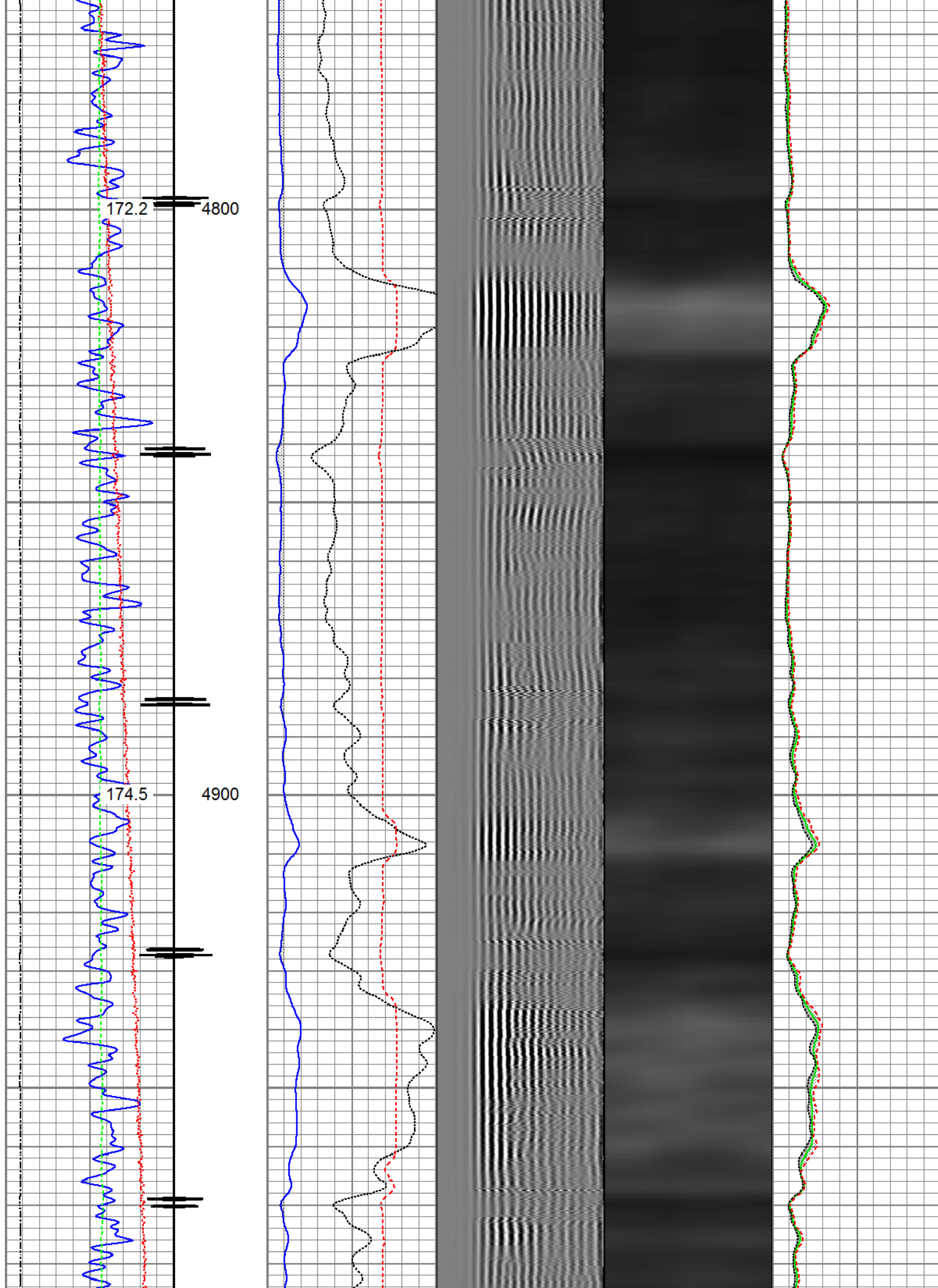


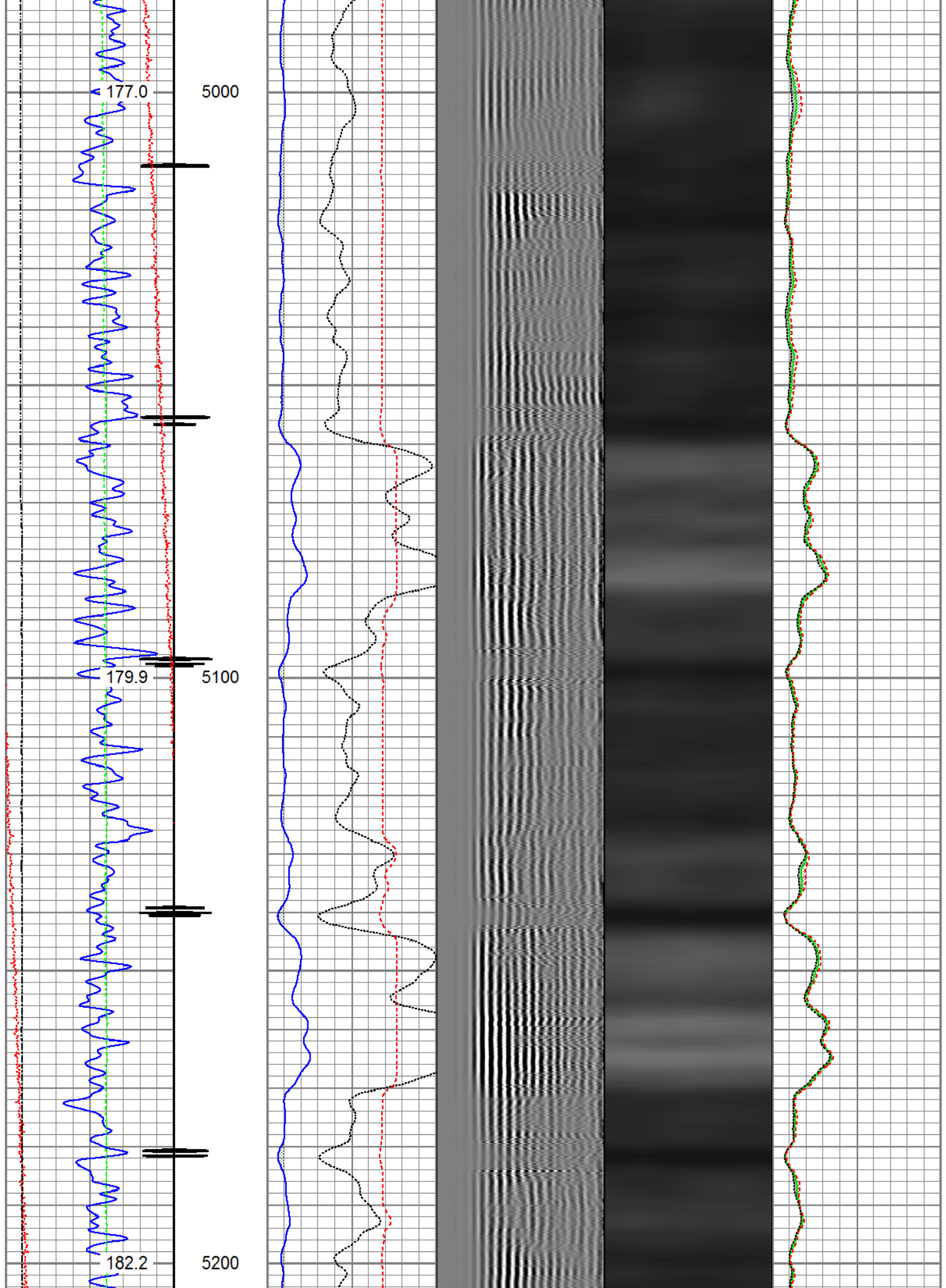


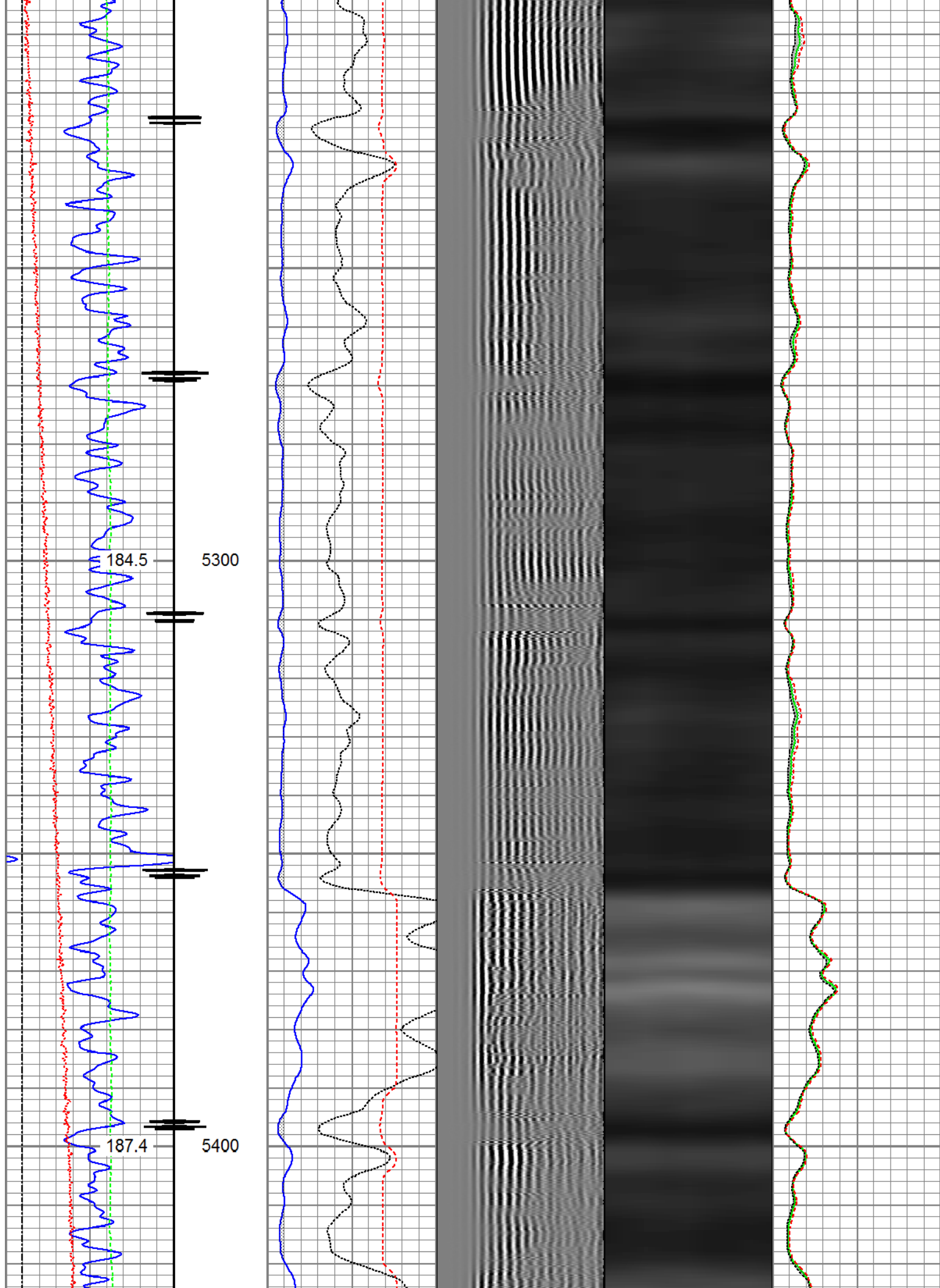


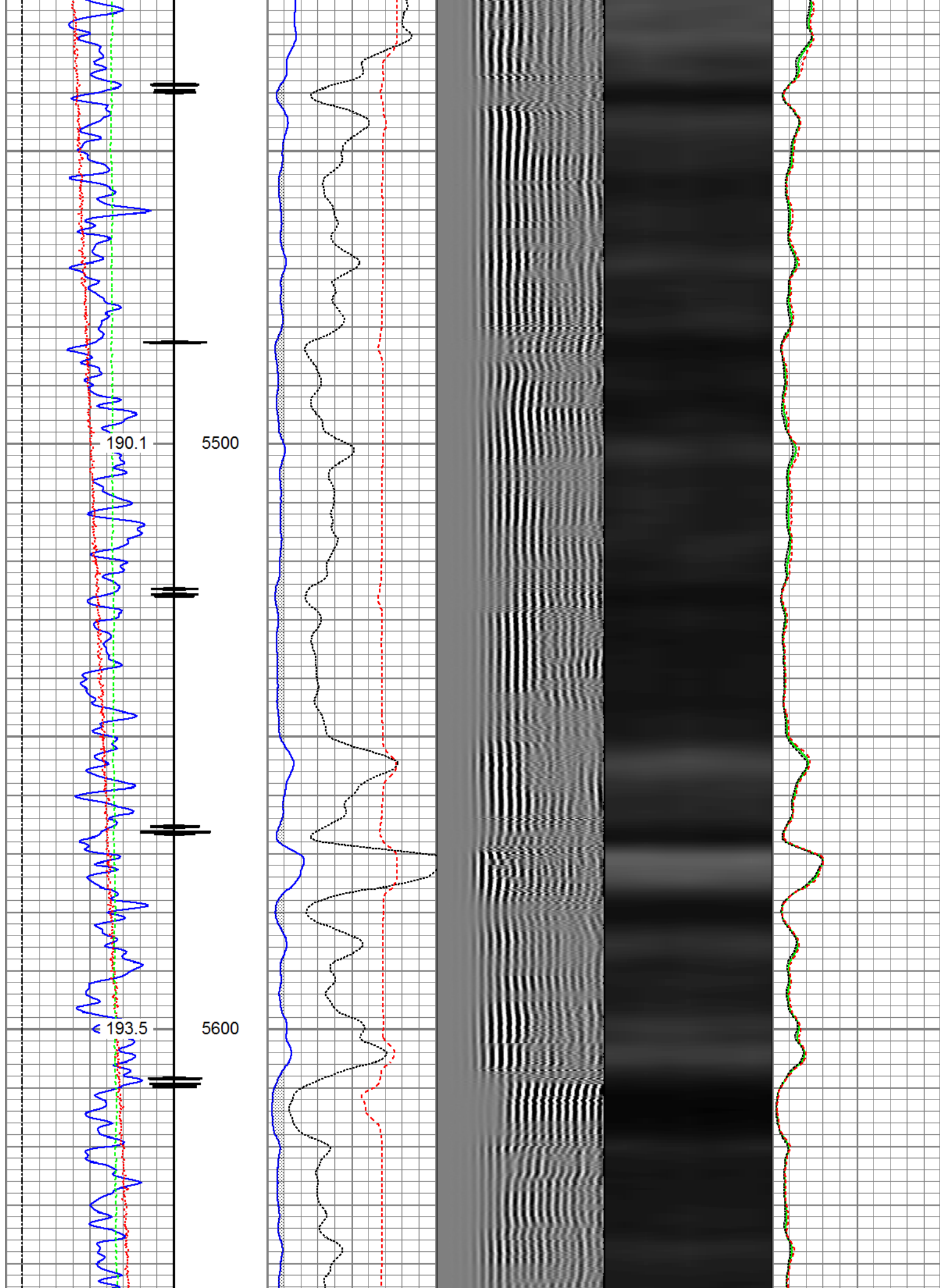


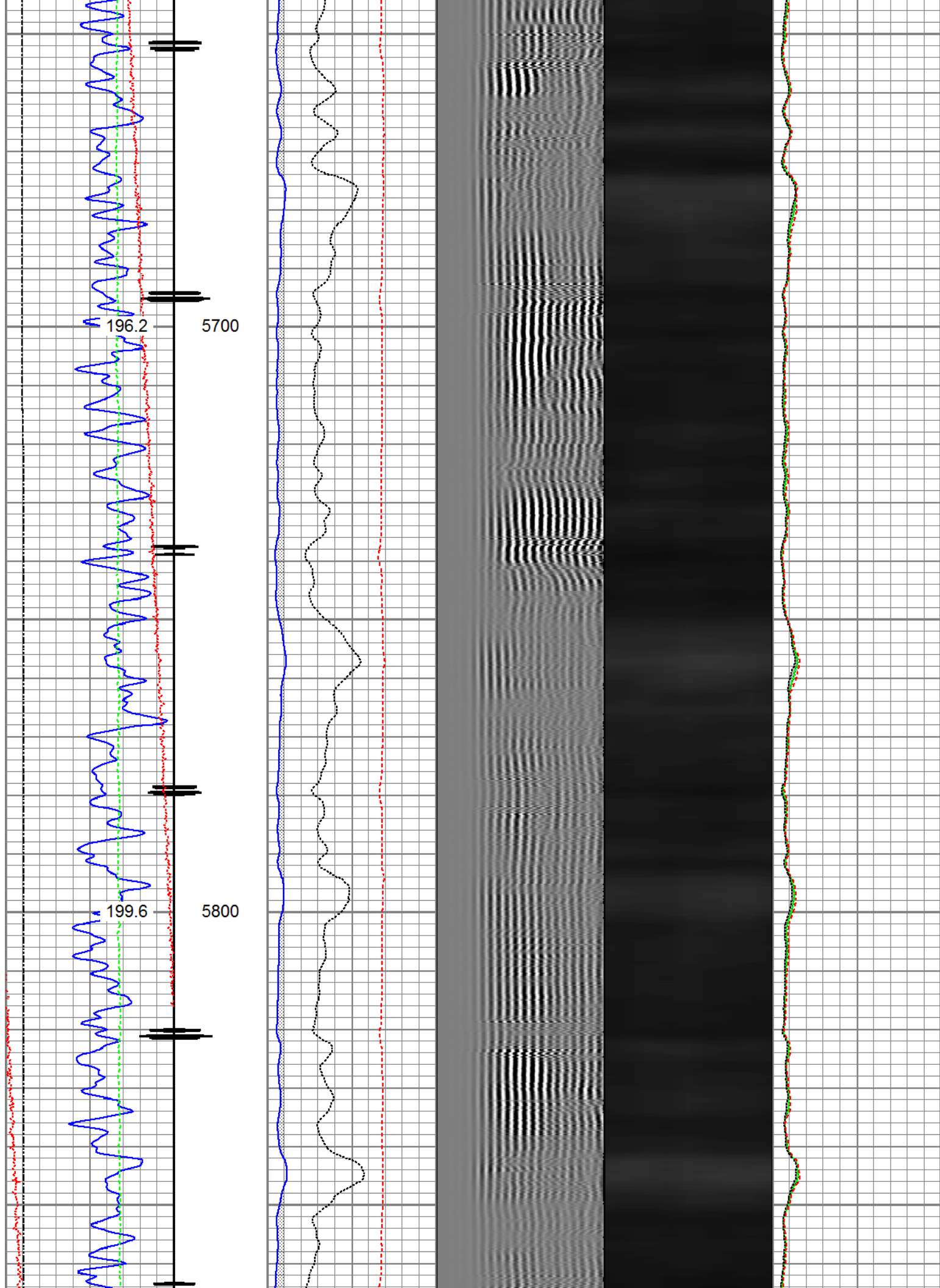


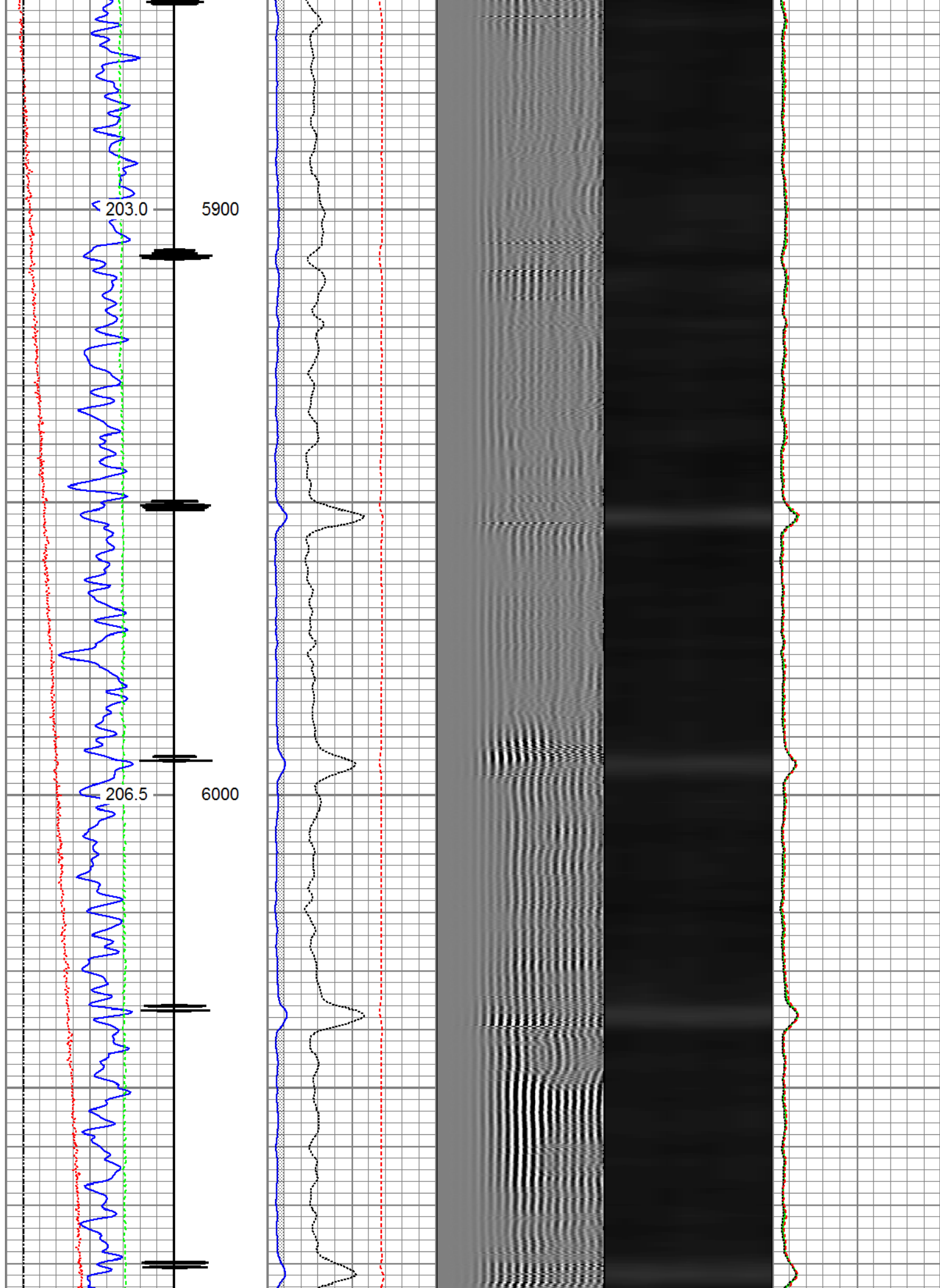


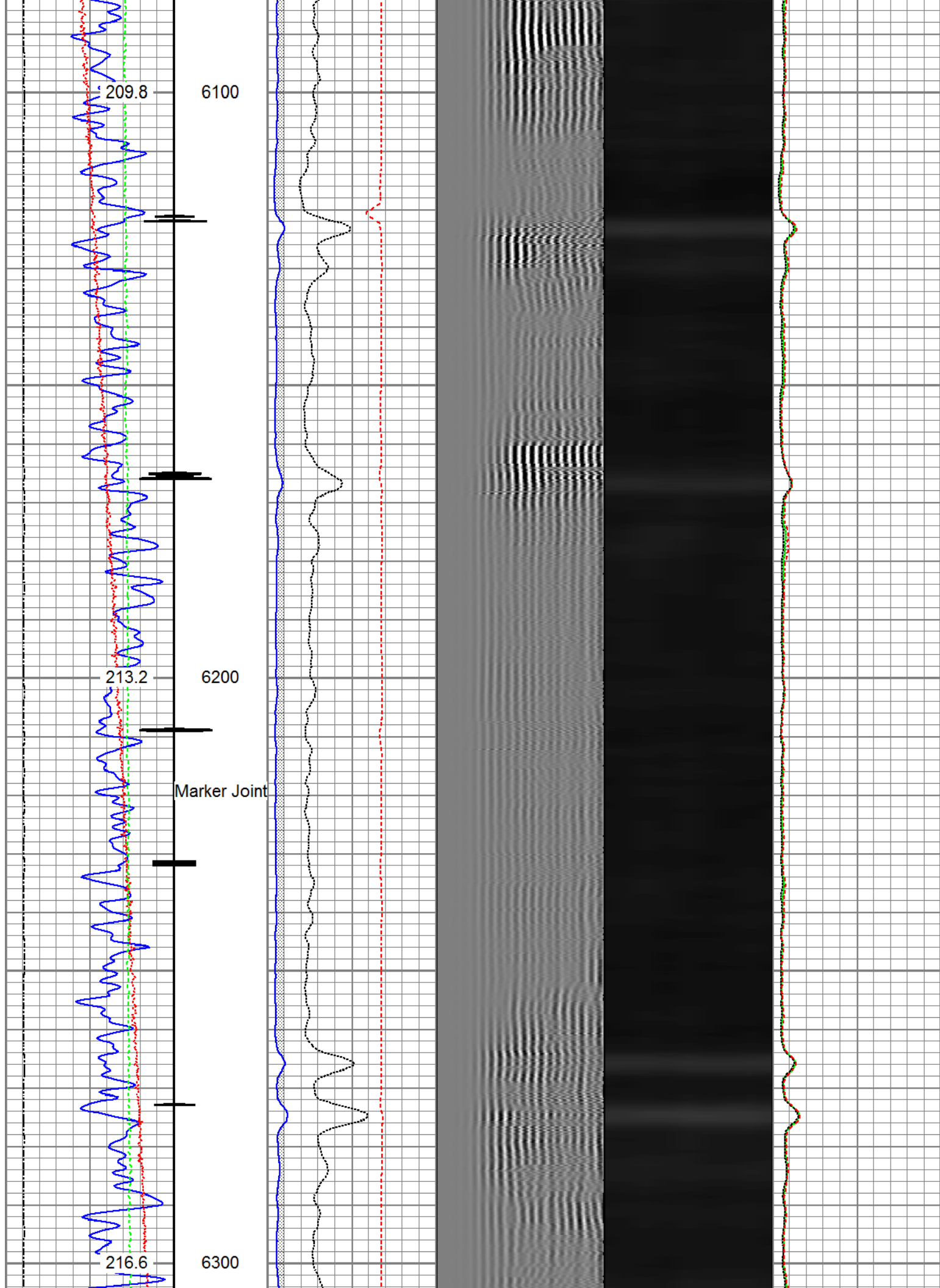


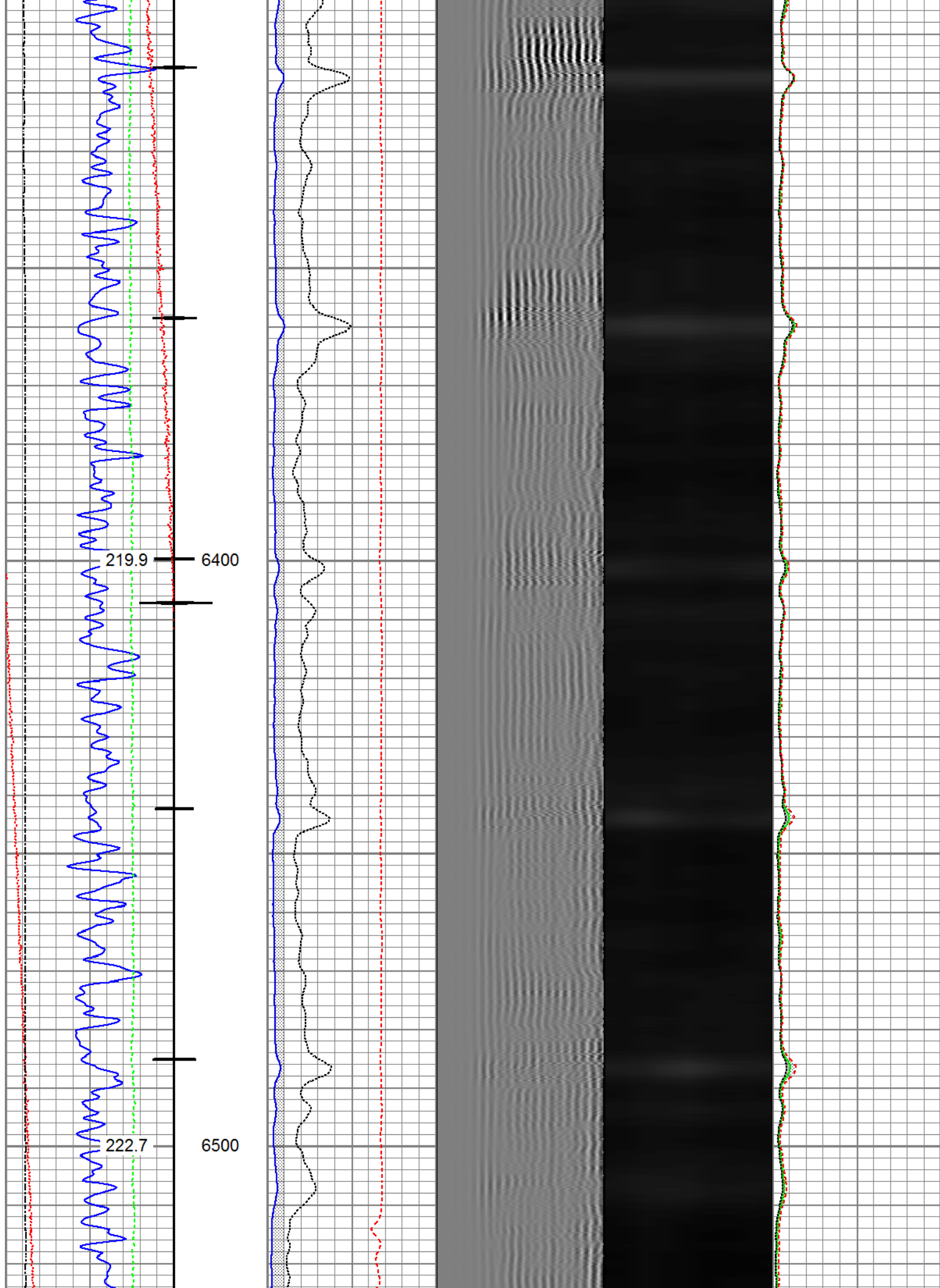


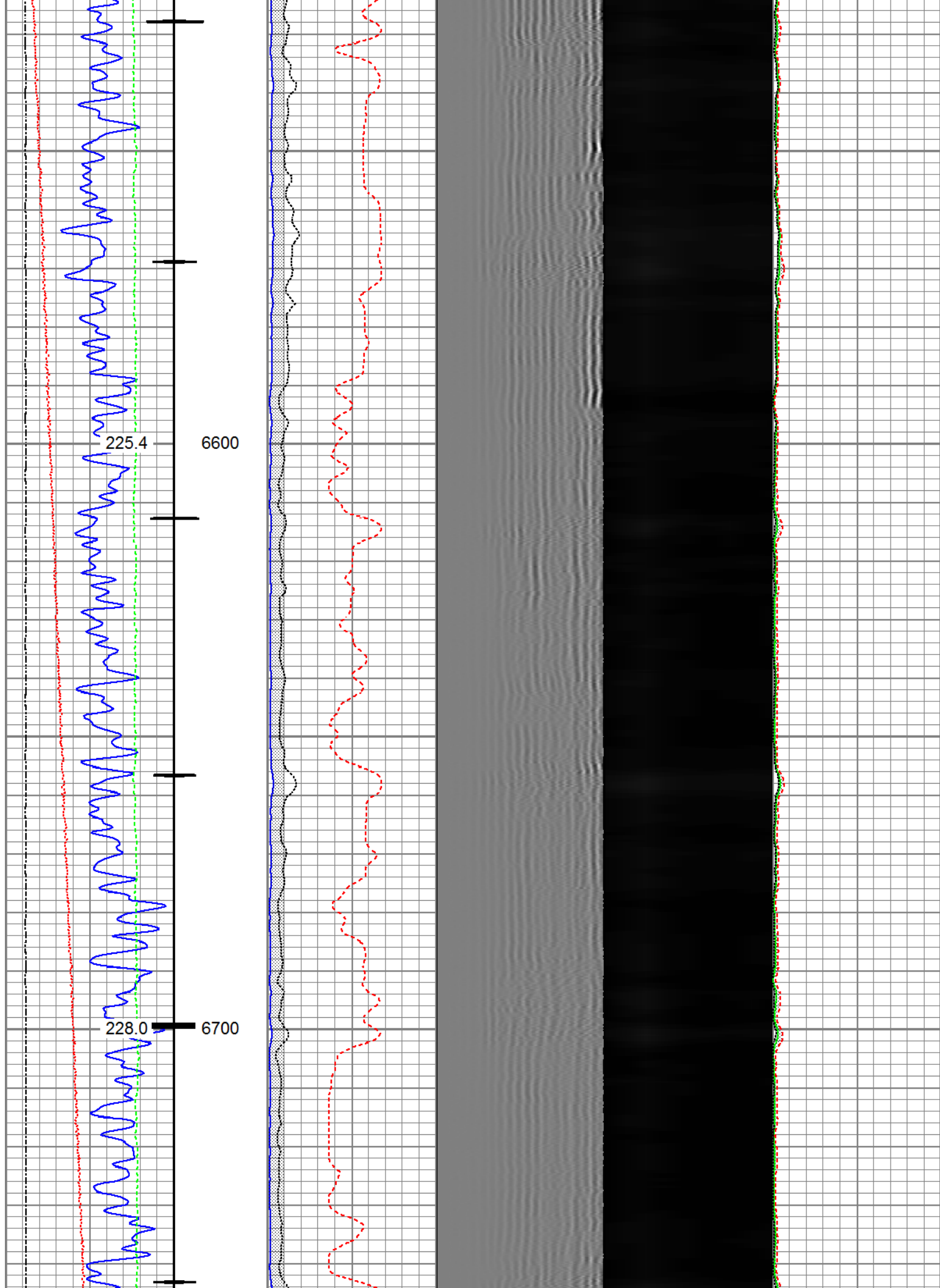


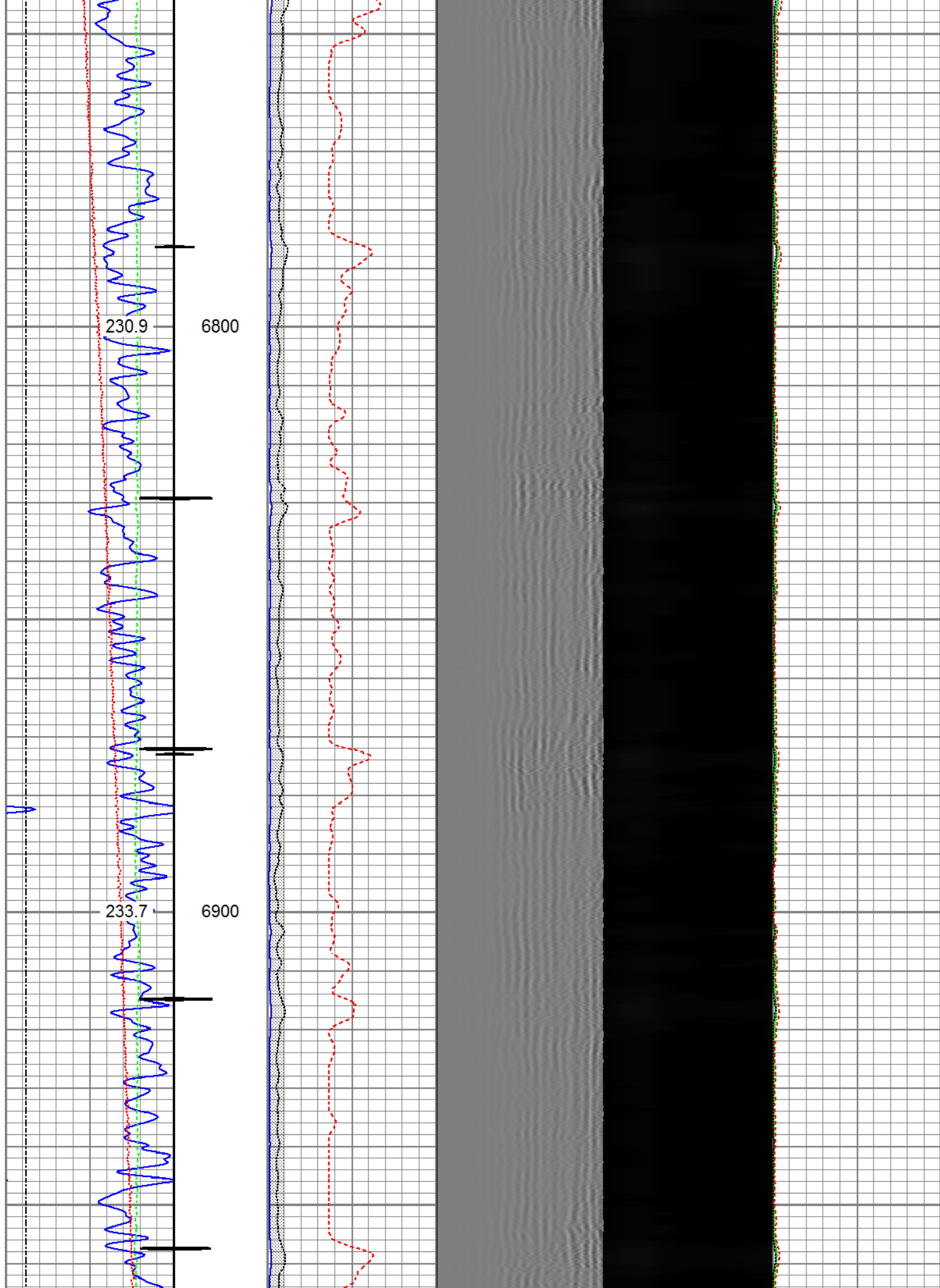


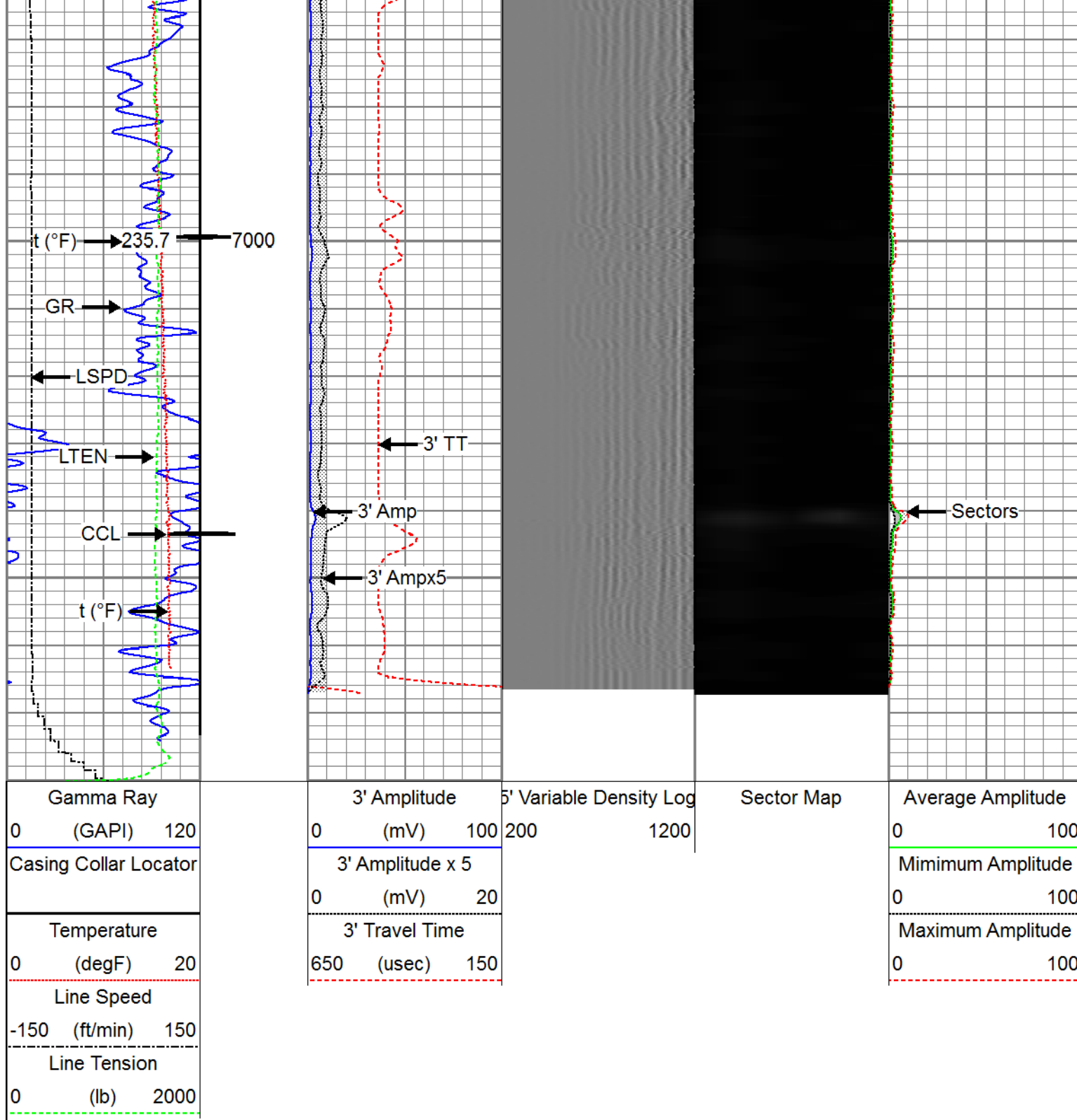








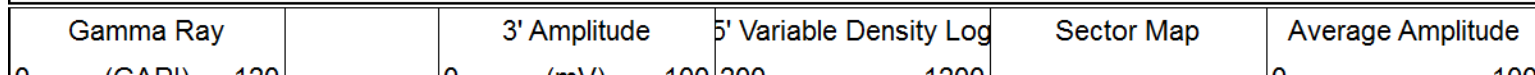




Repeat Pass

Recorded with 2800 PSI Surface Induced Pressure

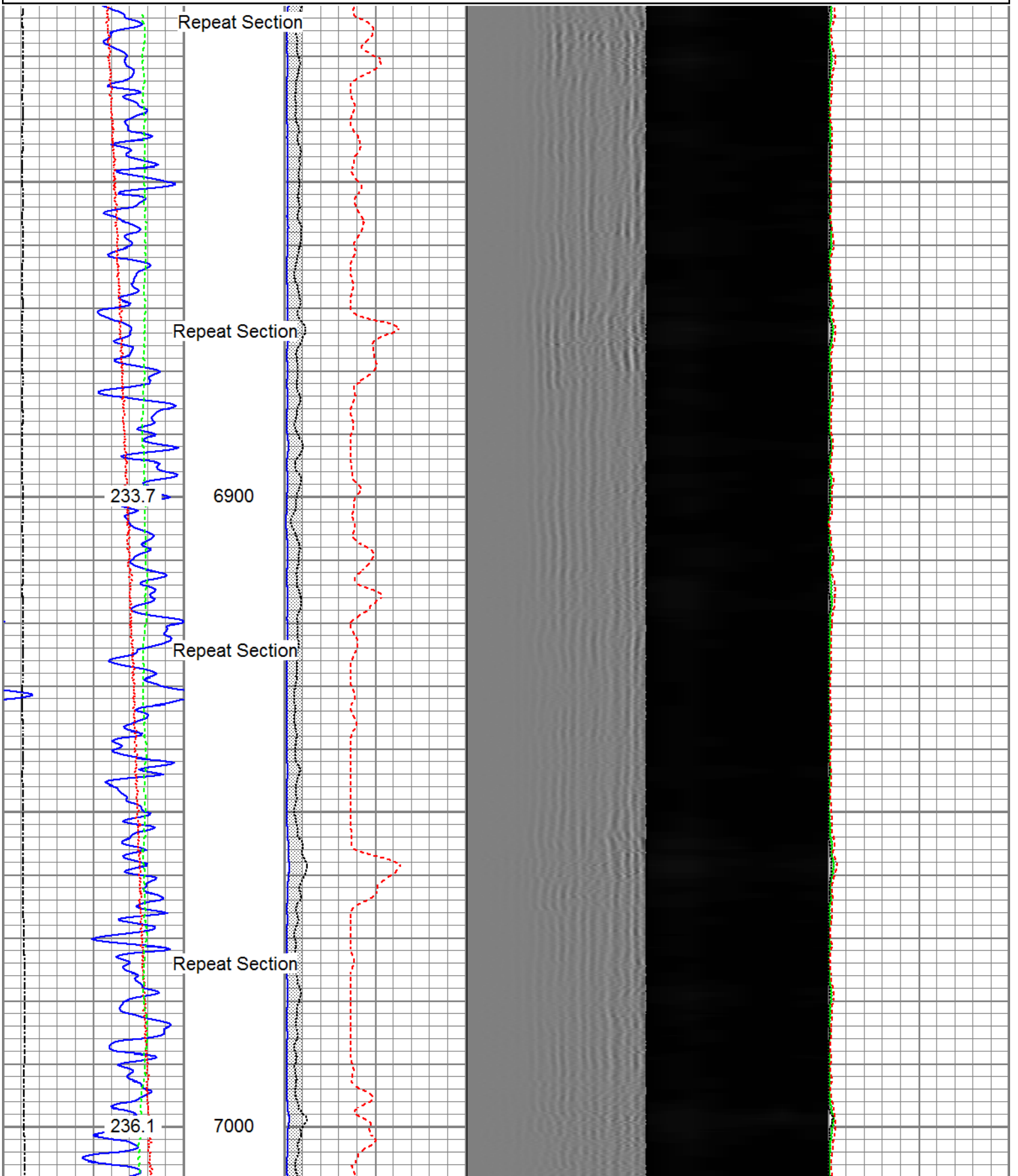
Database File	anadarko_cook 36n-28hz_12-aug-2016_rbl_w8\processed_0512342142_anadarko_cook 36n-28hz
Dataset Pathname	Repeat.1
Presentation Format	ros_radri
Dataset Creation	Mon Aug 15 11:27:52 2016
Charted by	Depth in Feet scaled 1:240

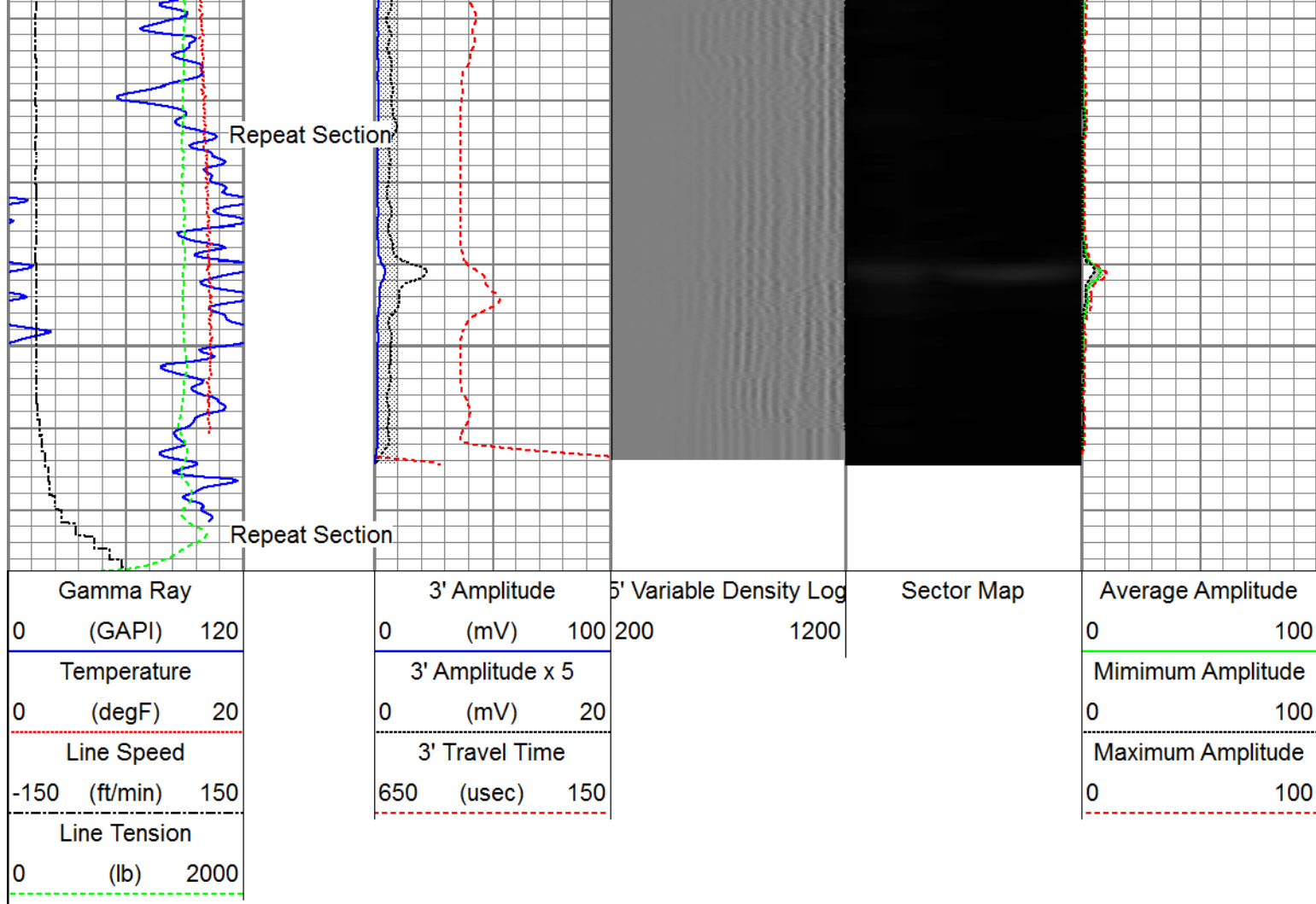


(GAPI)		
Temperature		
0	(degF)	20
Line Speed		
-150	(ft/min)	150
Line Tension		
0	(lb)	2000

3' Amplitude x 5		
0	(mV)	20
3' Travel Time		
650	(usec)	150

Minimum Amplitude	
0	100
Maximum Amplitude	
0	100





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 Electric Cable Head with 1" Fishing Neck	1.03	1.69	5.40
			Probe_ELine_BowSpring_Centralizer-P_EB2.8875 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.8875	2.75	20.00
			Probe_RADII-C-P_RBT_2750 (FW1302-0029.19 Probe 2-3/4" Sector Cement Bond Tool with Temperature Probe	29.19	2.75	105.00
WVFS8	14.55					
WVFS7	14.55					
WVFS6	14.55					
WVFS5	14.55					
WVFS4	14.55					
WVFS3	14.55					
WVFS2	14.55					

WVFS1	14.55		Probe_ELine_BowSpring_Centralizer-P_EB Probe 2-3/4" Electric Inline Bowspring Centralizer	2.8875	2.75	20.00					
WVFCAL	14.55										
WVF3FT	14.55										
WVF5FT	13.55										
HeadVolt	10.30										
DCCL	6.51		Probe_GR_CCL-P_CGR_2750_S (FW1212) Probe 2-3/4" Digital CCL / Gamma Ray Combined	124.54	2.75	55.00					
CCL	6.51										
GR	3.77		Probe_ELine_BowSpring_Centralizer-P_EB Probe 2-3/4" Electric Inline Bowspring Centralizer	2.8875	2.75	20.00					
Dataset: processed_0512342142_anadarko_cook 36n-28hz_08-12-16_rbl_w8.db: field/well/run1/Main.1											
Total length: 23.40 ft											
Total weight: 225.40 lb											
O.D.: 2.75 in											

Calibration Report		
Database File	c:\programdata\warrior\data\anadarko_cook 36n-28hz_12-aug-2016_rbl_w8\processed_0512342142_	
Dataset Pathname	Main.1	
Dataset Creation	Mon Aug 15 11:15:24 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:	25.002	ft
Master Calibration, performed (Derived):		

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.008	0.726	0.800	71.921	98.945	0.041
CAL	0.779	0.769				
5'	0.010	0.514	0.800	71.921	141.008	-0.574
SUM						
S1	0.008	0.712	0.000	100.000	142.061	-1.115
S2	0.008	0.713	0.000	100.000	141.805	-1.176
S3	0.008	0.732	0.000	100.000	138.136	-1.143
S4	0.008	0.748	0.000	100.000	135.223	-1.105
S5	0.009	0.750	0.000	100.000	134.977	-1.174
S6	0.010	0.736	0.000	100.000	137.743	-1.328
S7	0.010	0.721	0.000	100.000	140.687	-1.374
S8	0.008	0.719	0.000	100.000	140.751	-1.133

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	0.779	0.769	1.000	0.000

Air Zero Calibration, performed Fri Aug 12 09:02:47 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	



RELIANCE
OILFIELD SERVICES

Company Kerr-McGee Oil & Gas Onshore, L.P.
Well Cook 36N-28HZ
Field Wattenberg
County Weld
State Colorado