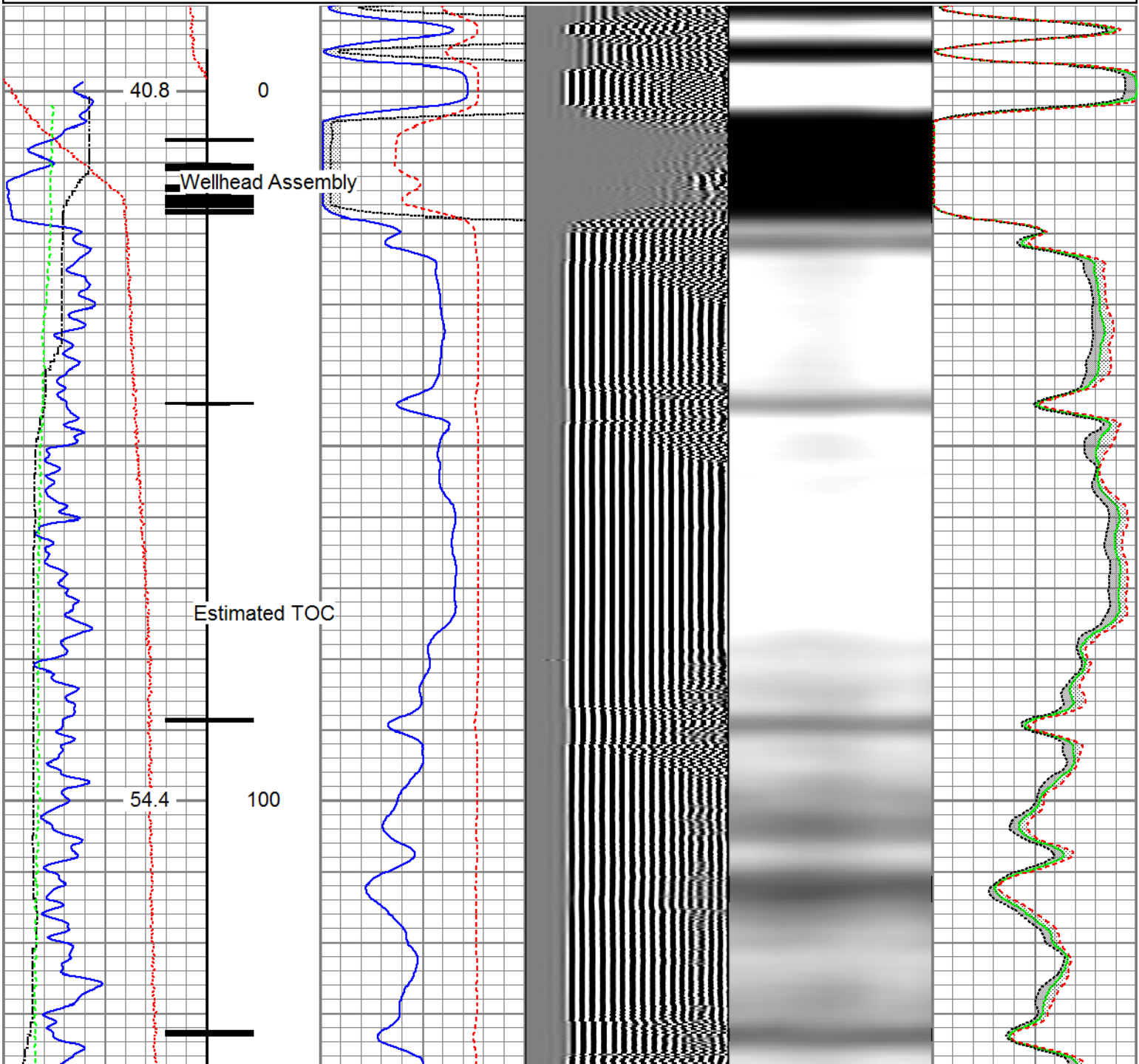
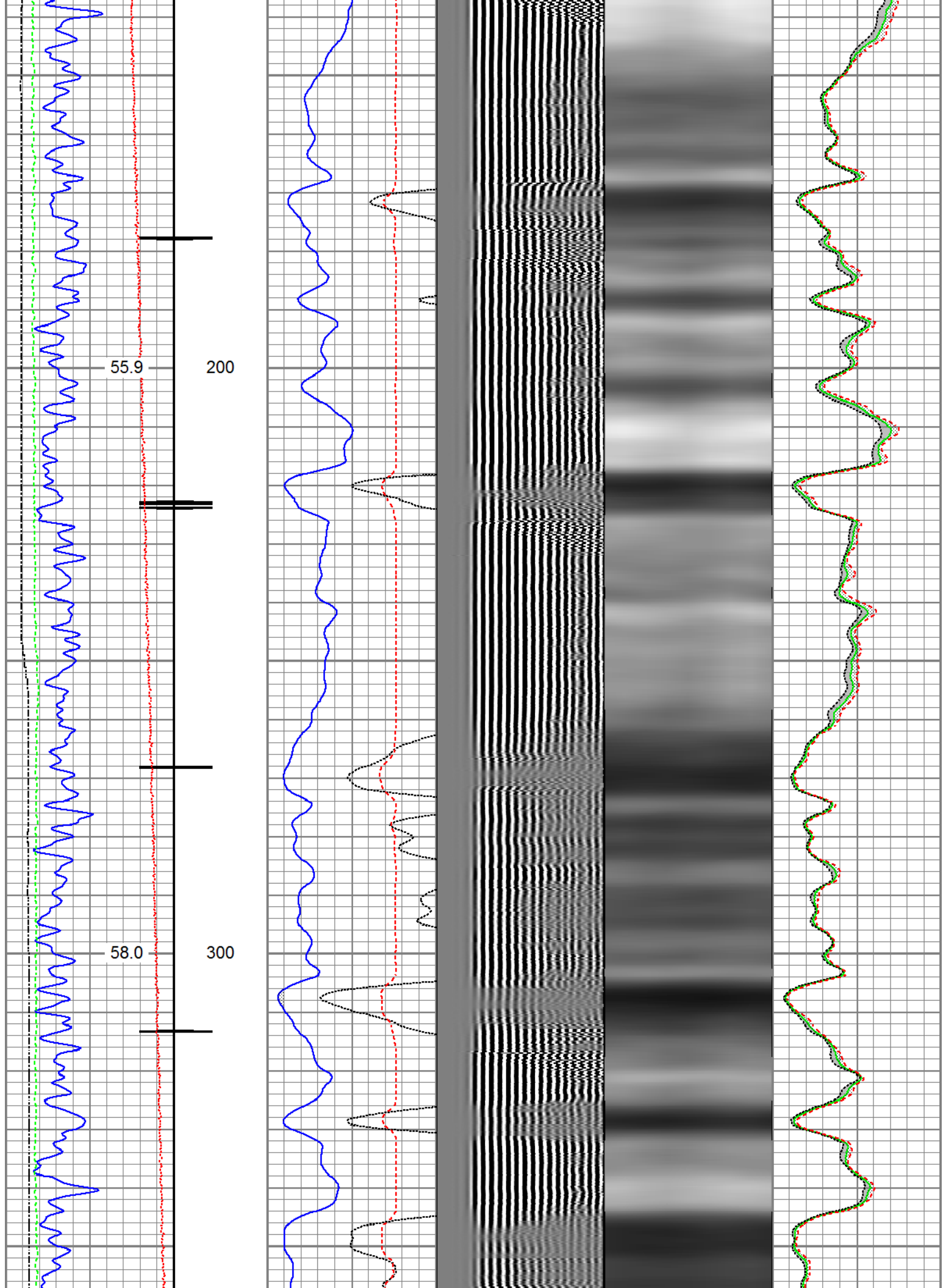
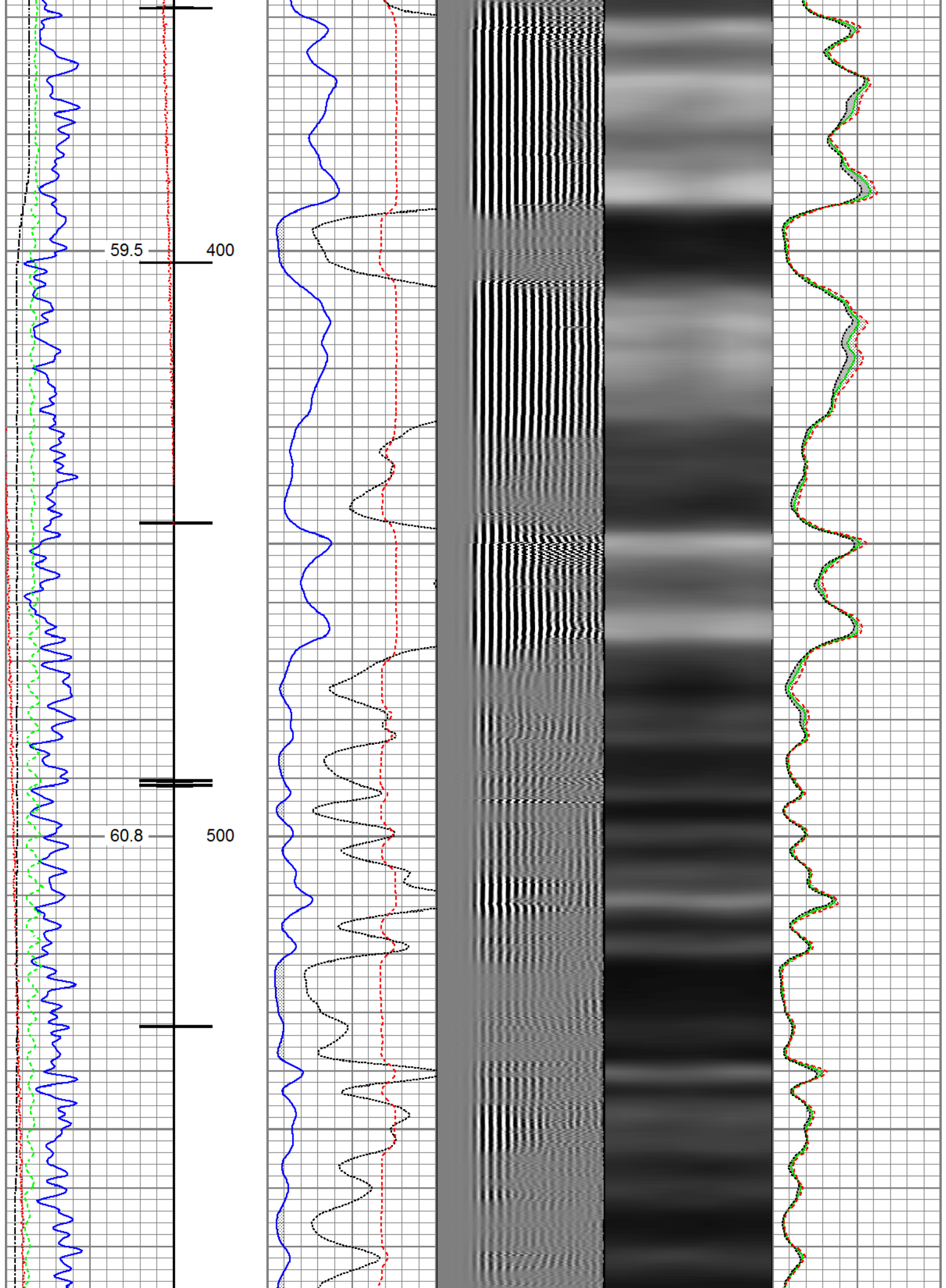
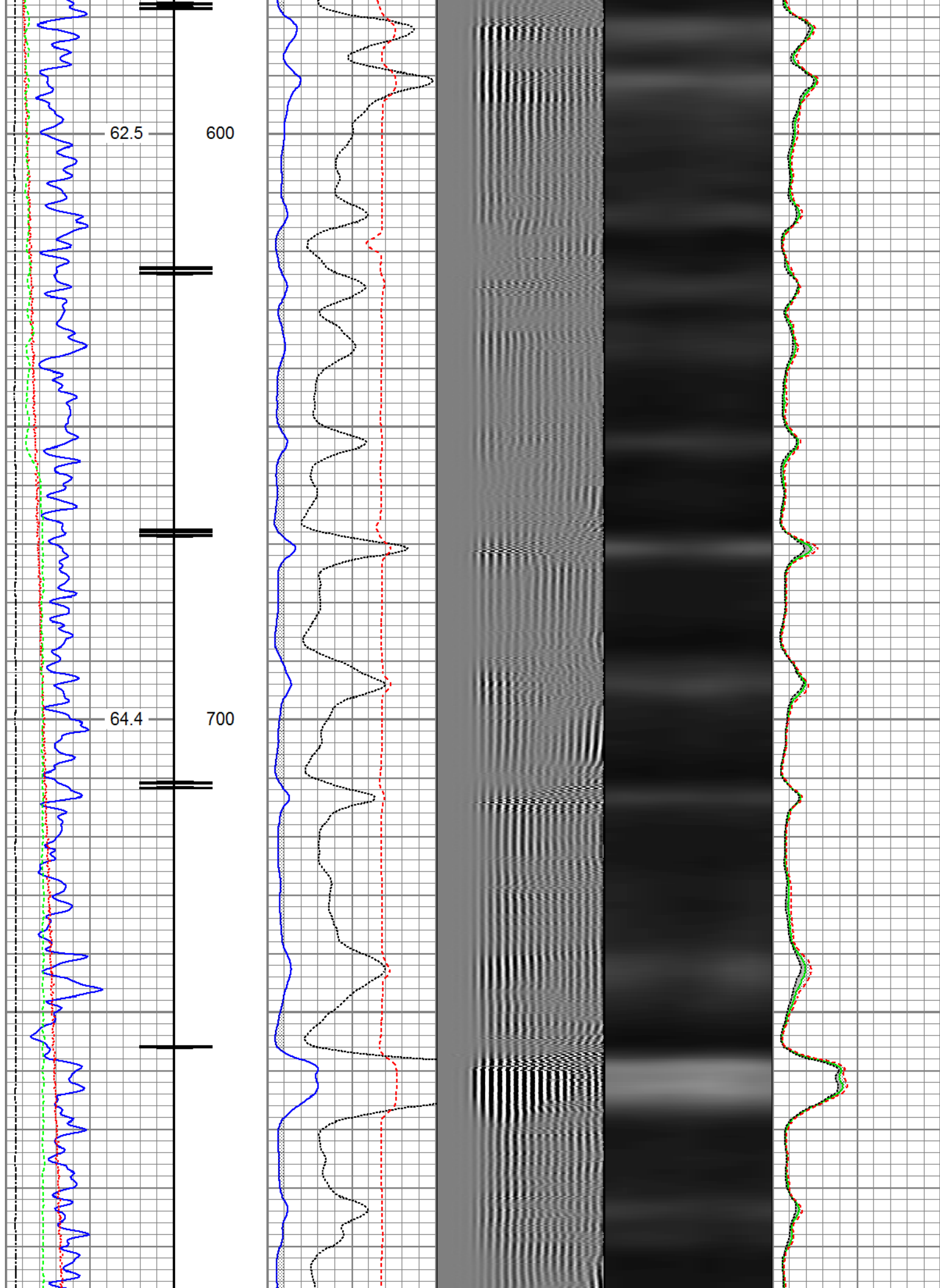


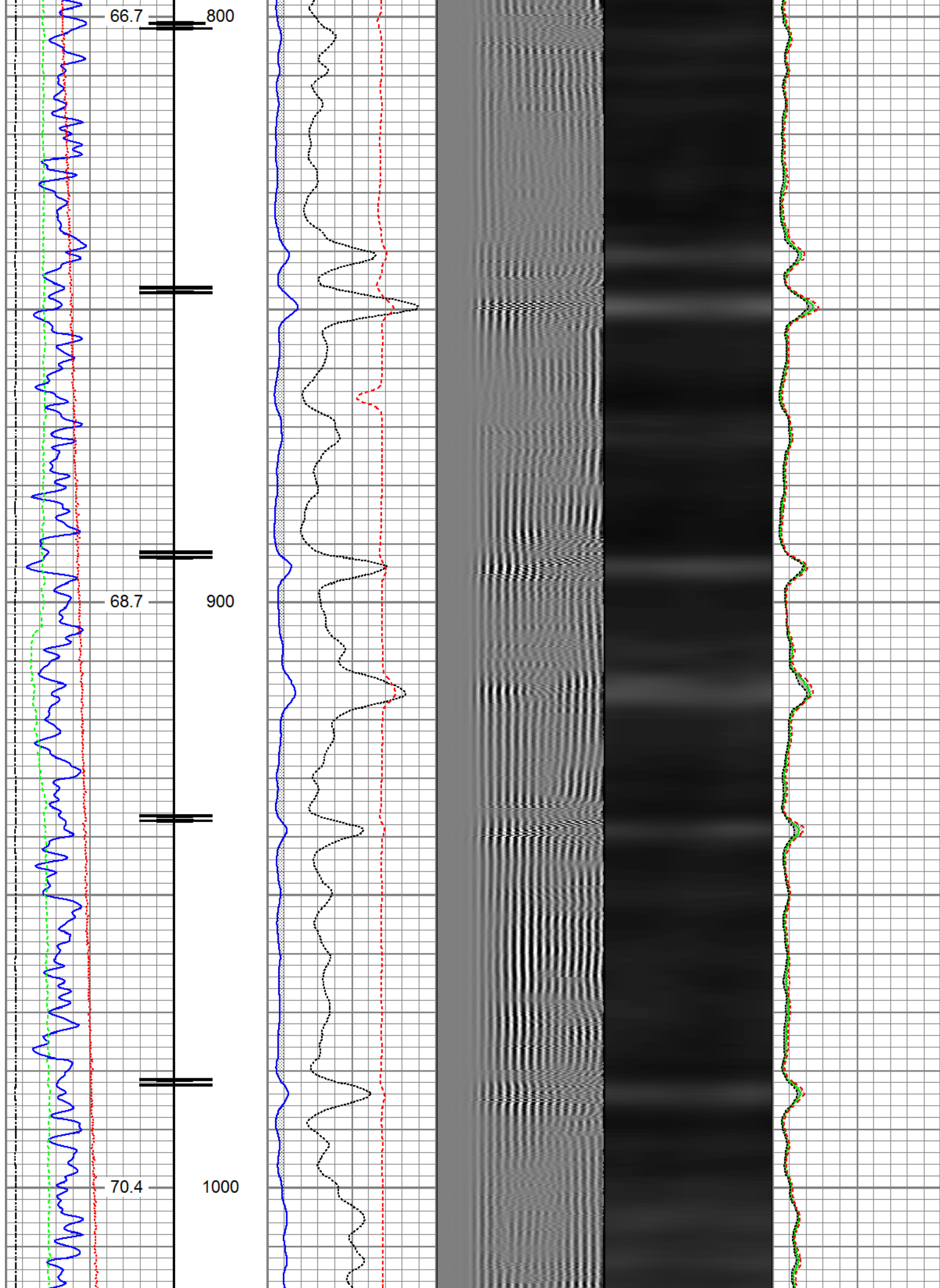
Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 120	0 (mV) 100	200 1200		0 100
Casing Collar Locator	3' Amplitude x 5			Mimimum Amplitude
	0 (mV) 20			0 100
Temperature	3' Travel Time			Maximum Amplitude
0 (degF) 20	650 (usec) 150			0 100
Line Speed				
-150 (ft/min)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

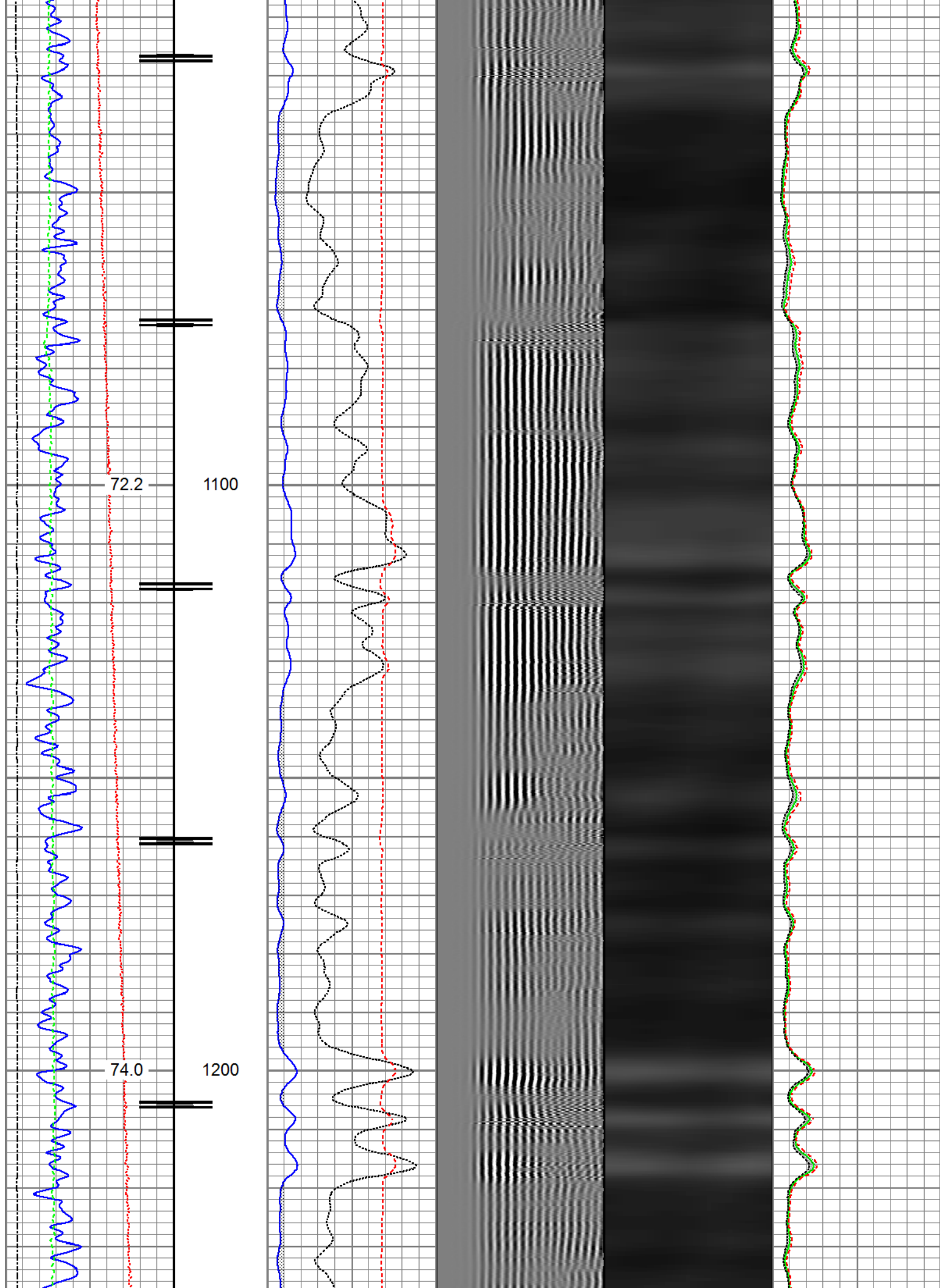


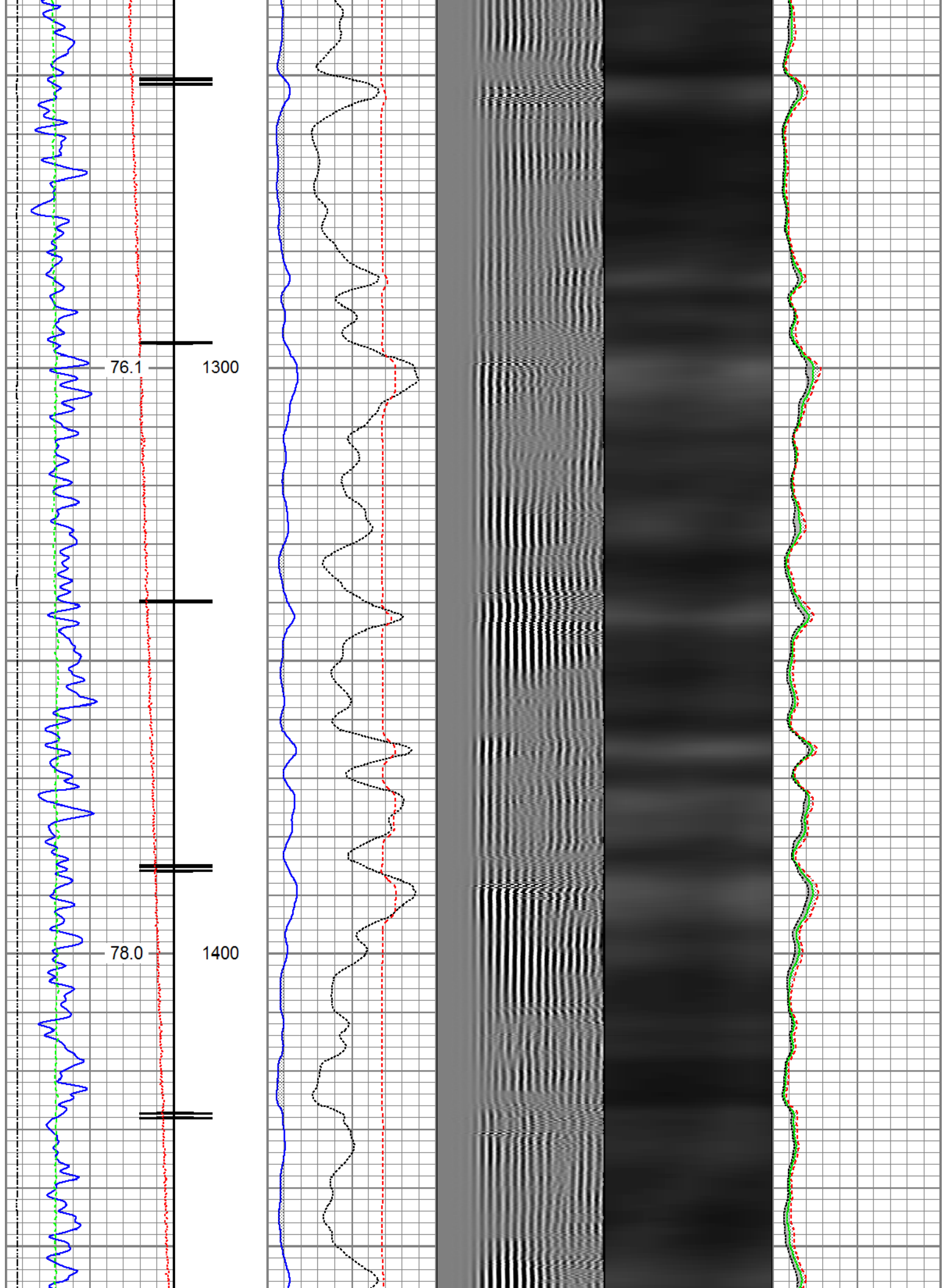


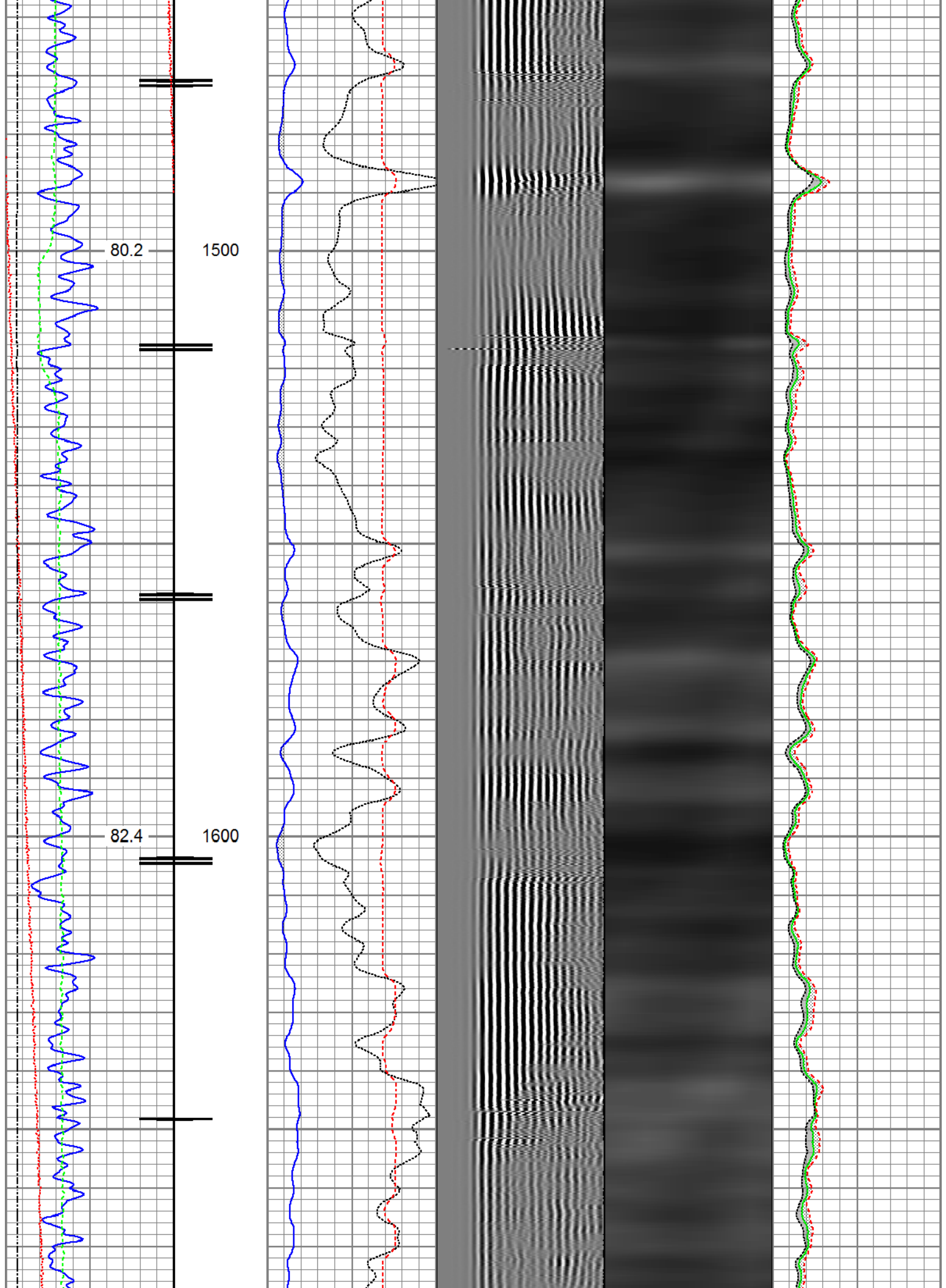


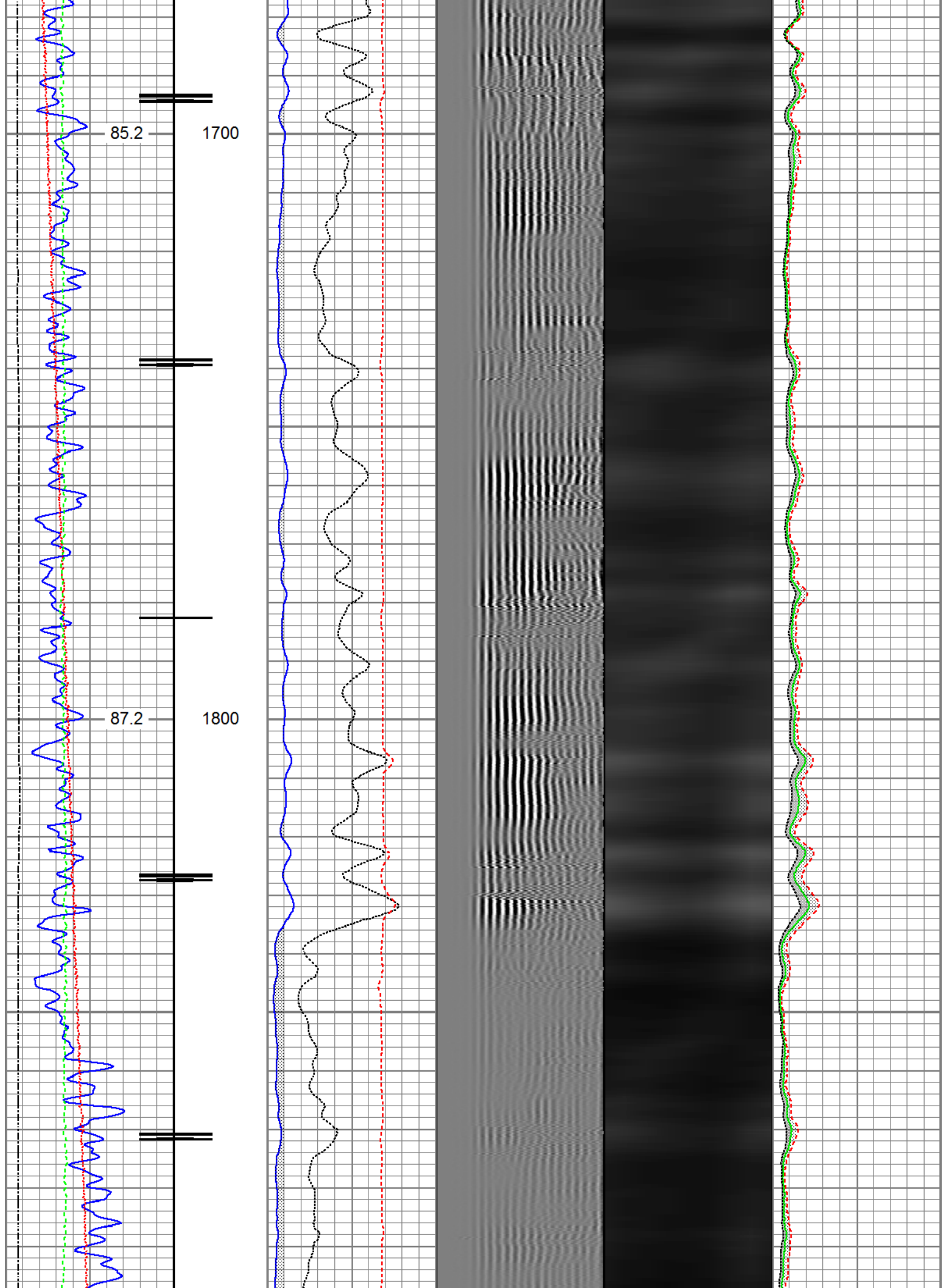


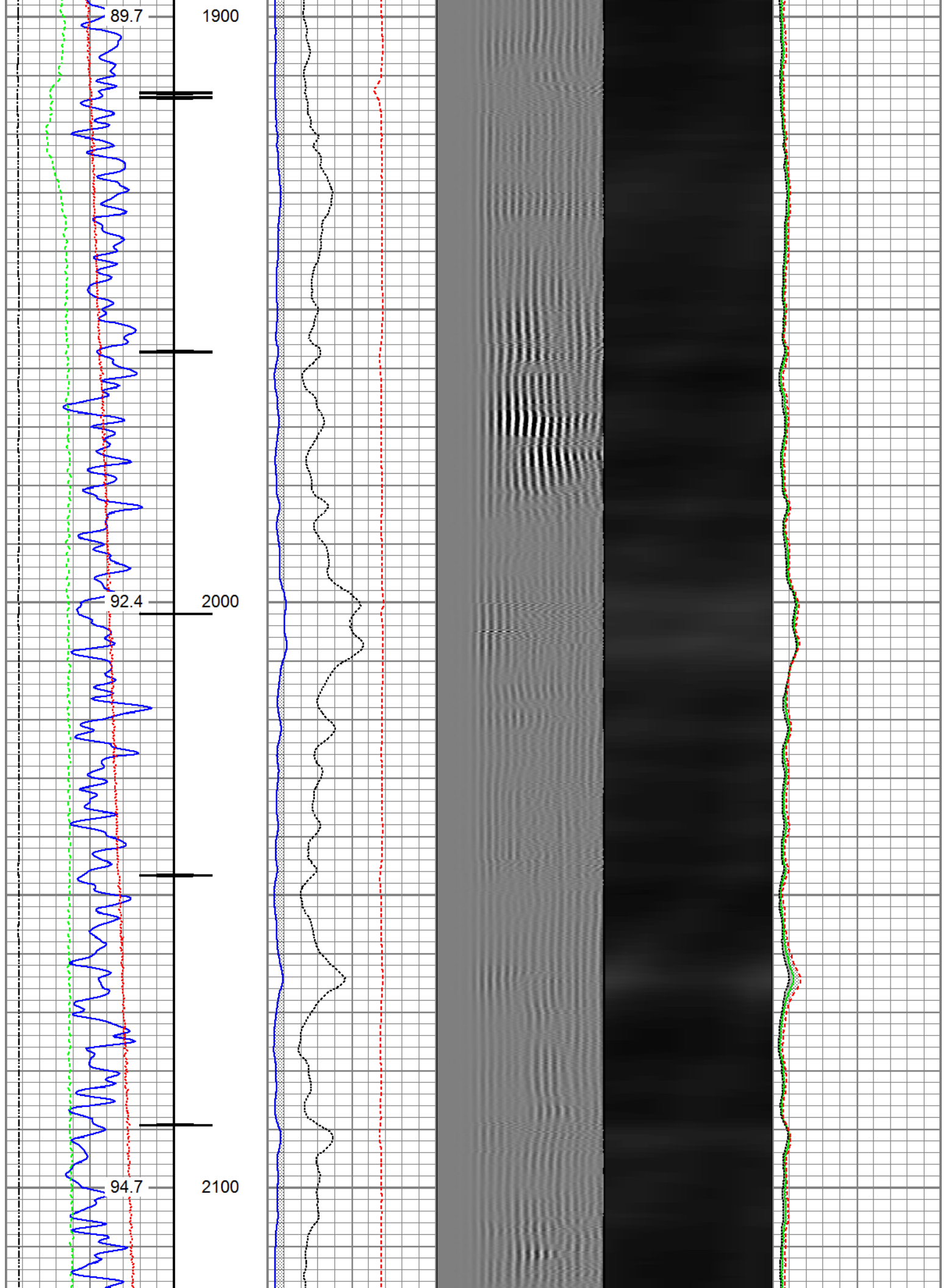


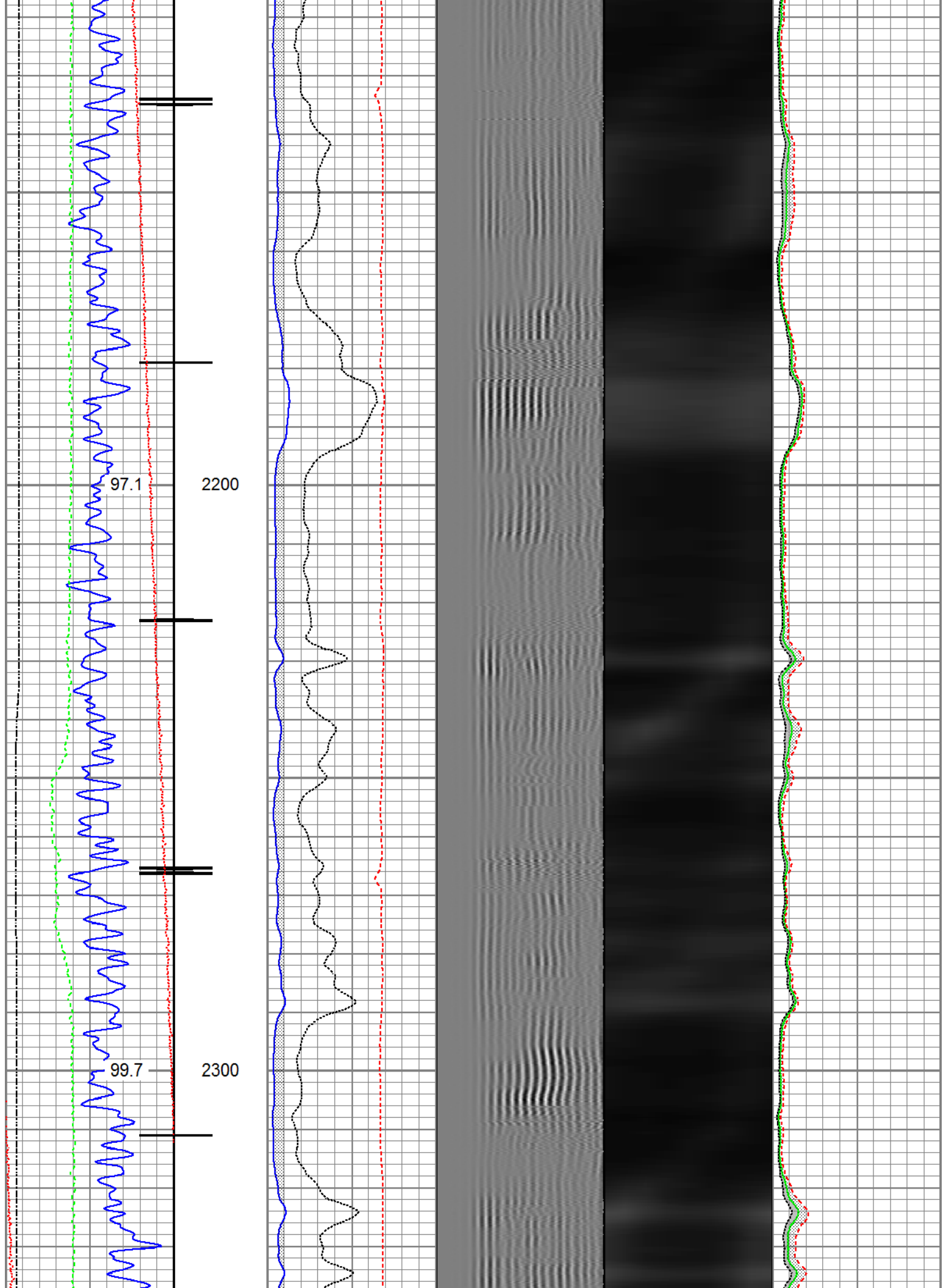


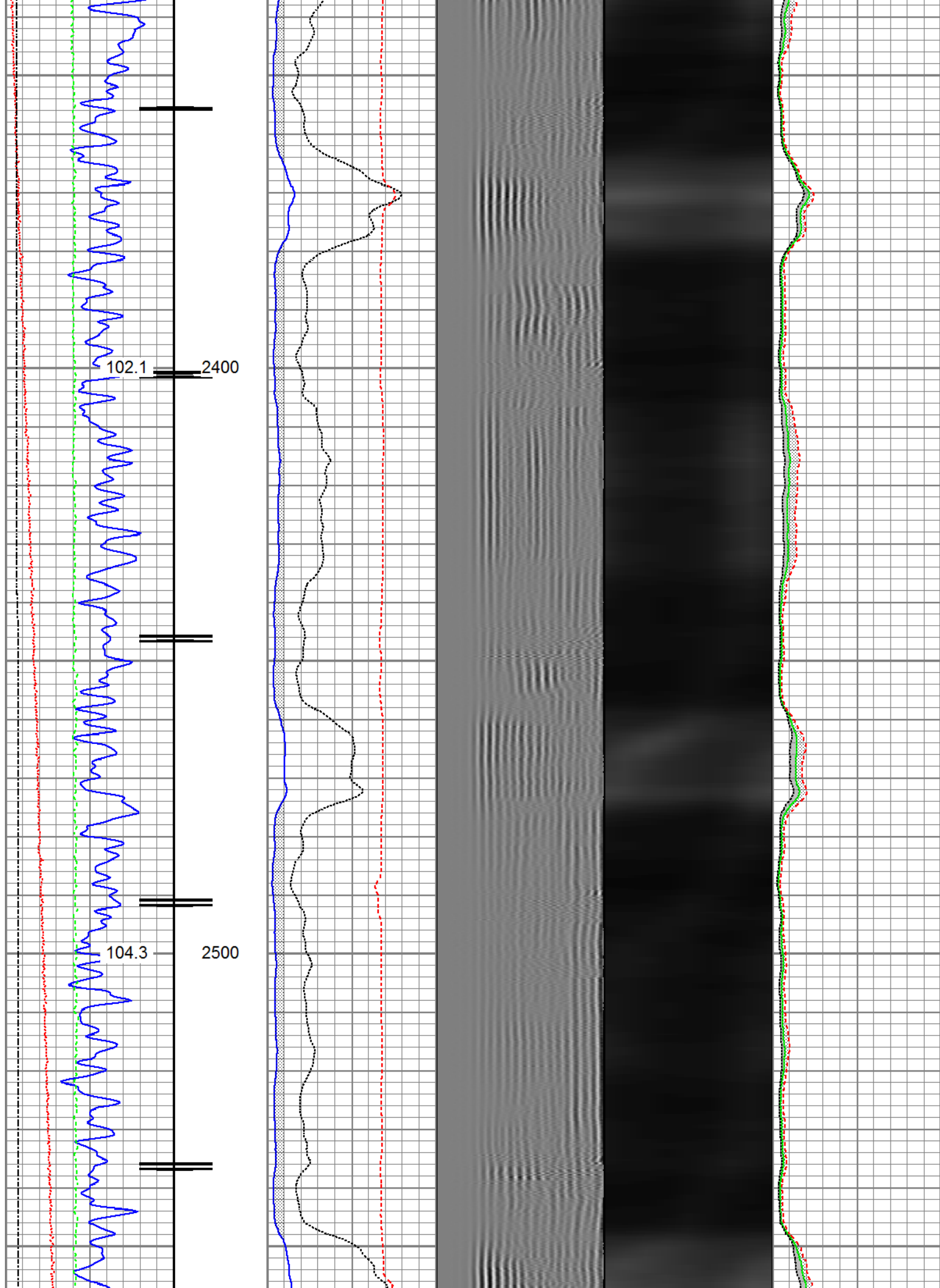


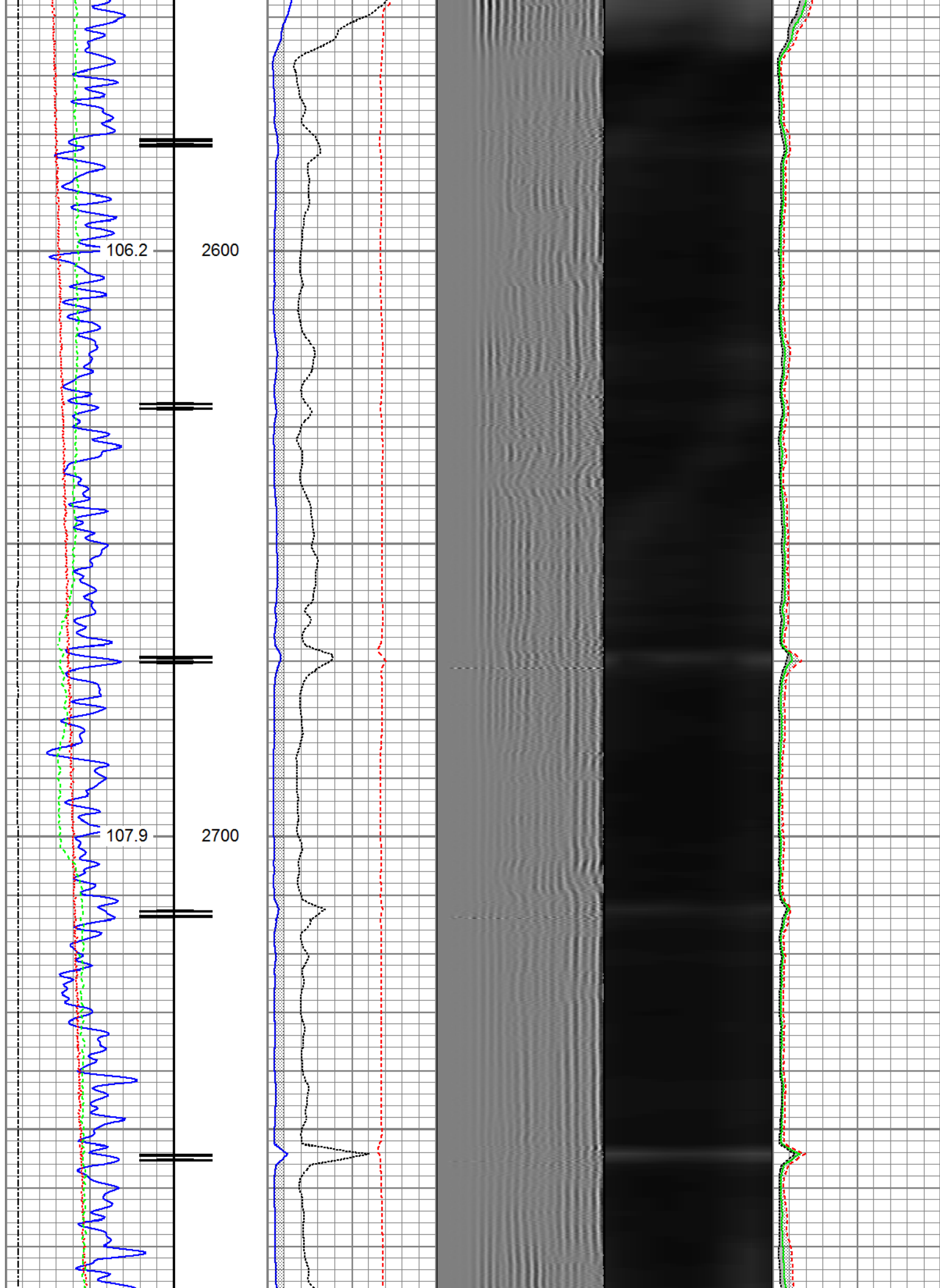


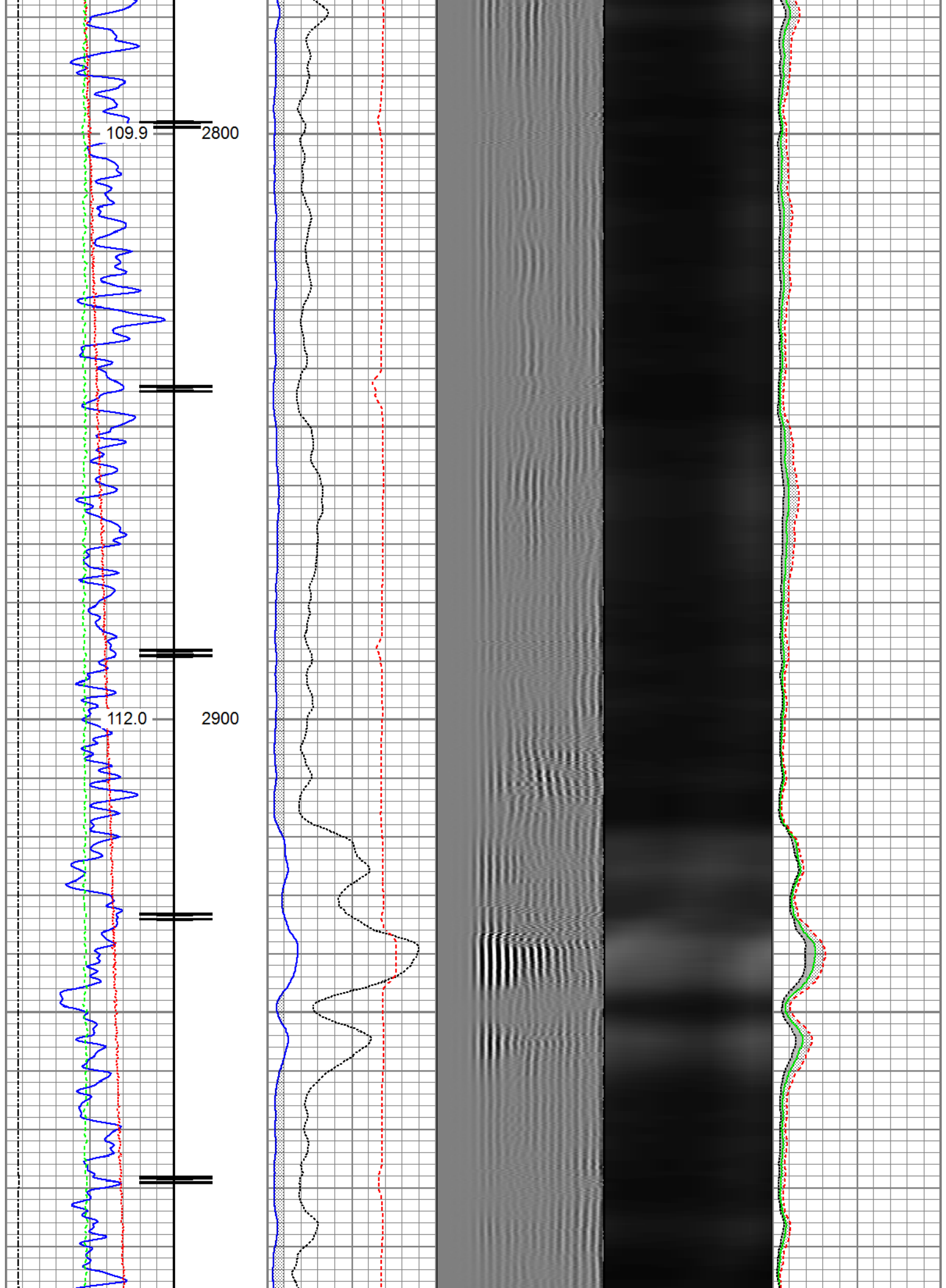


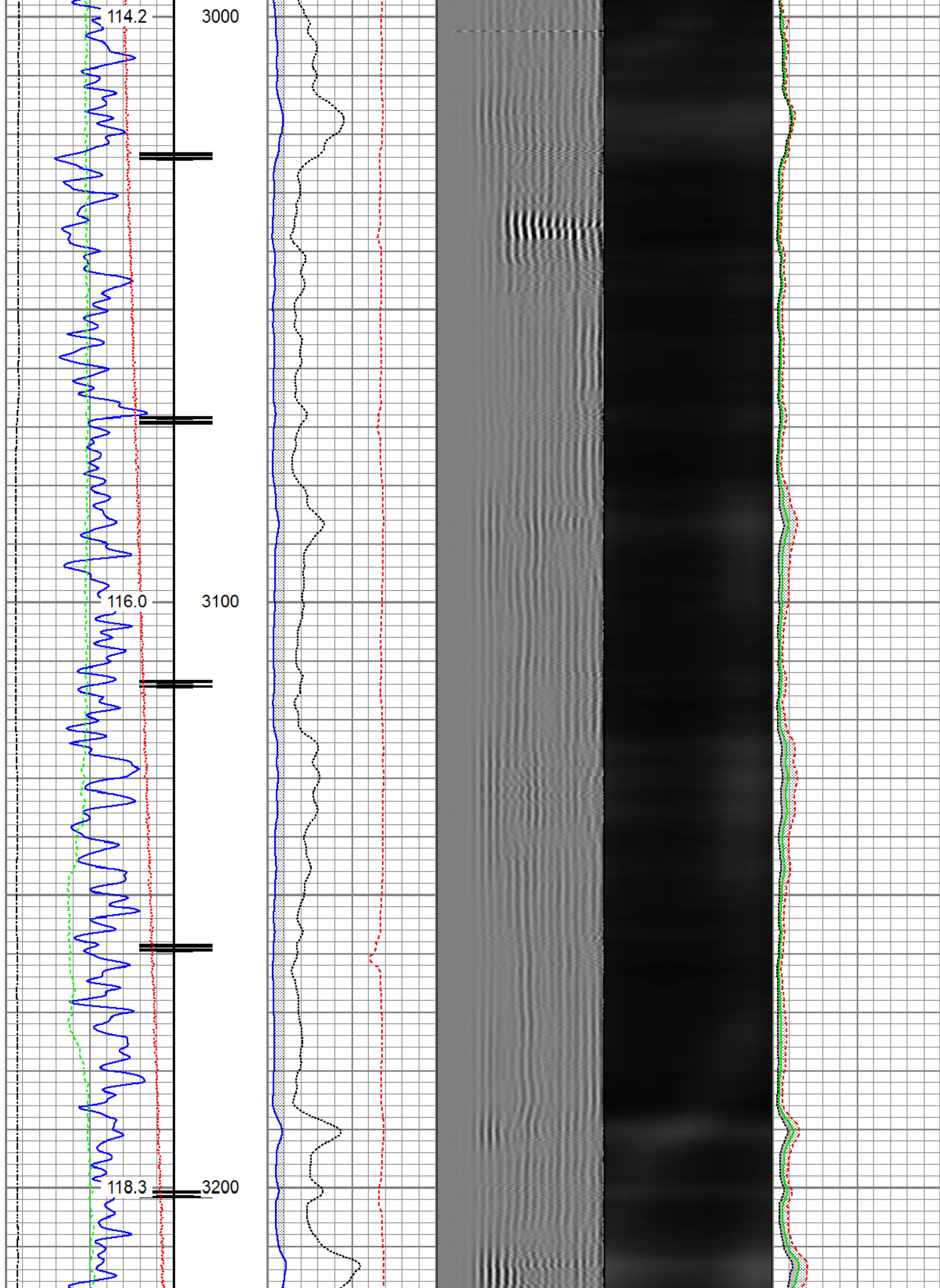


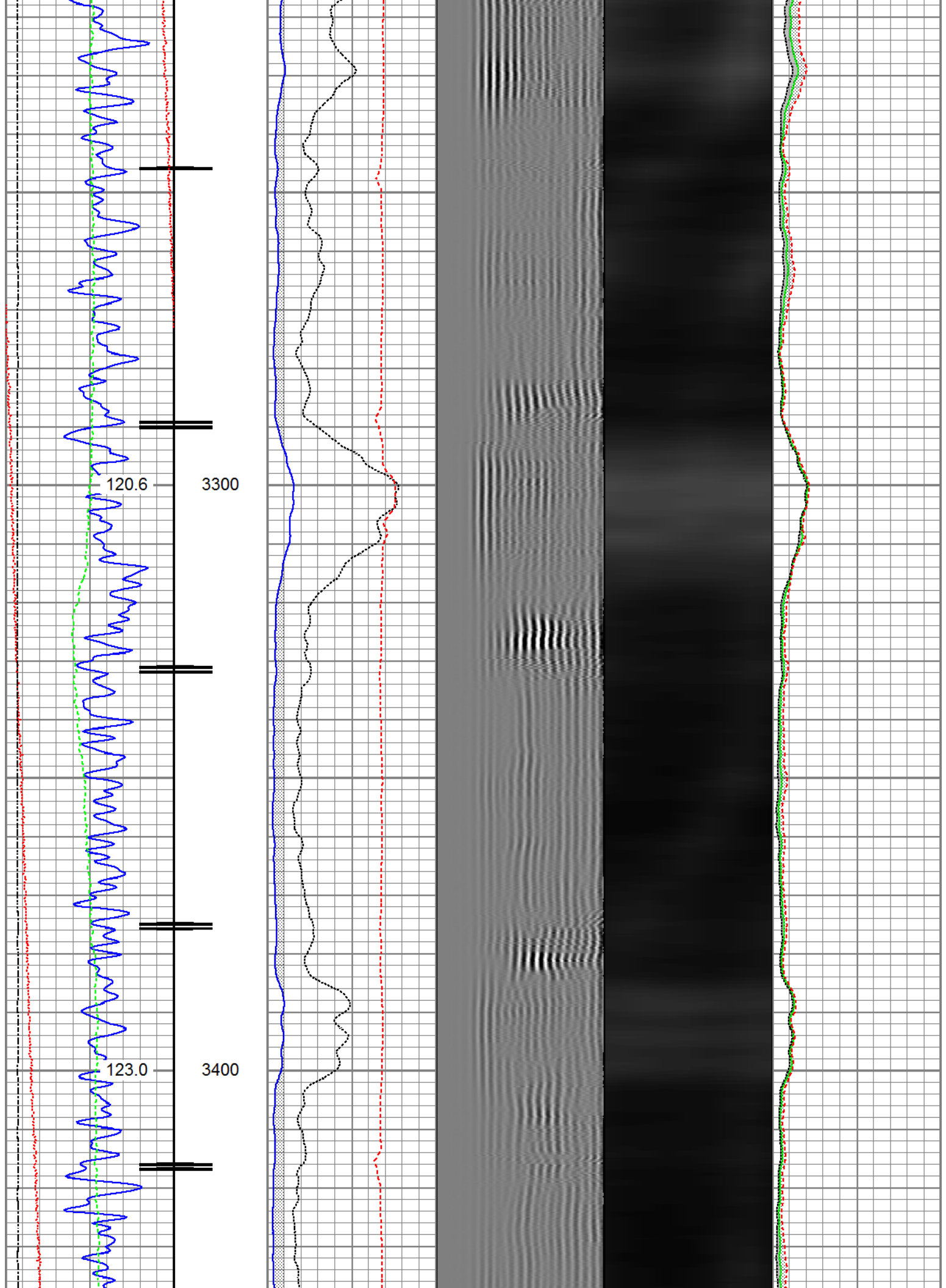


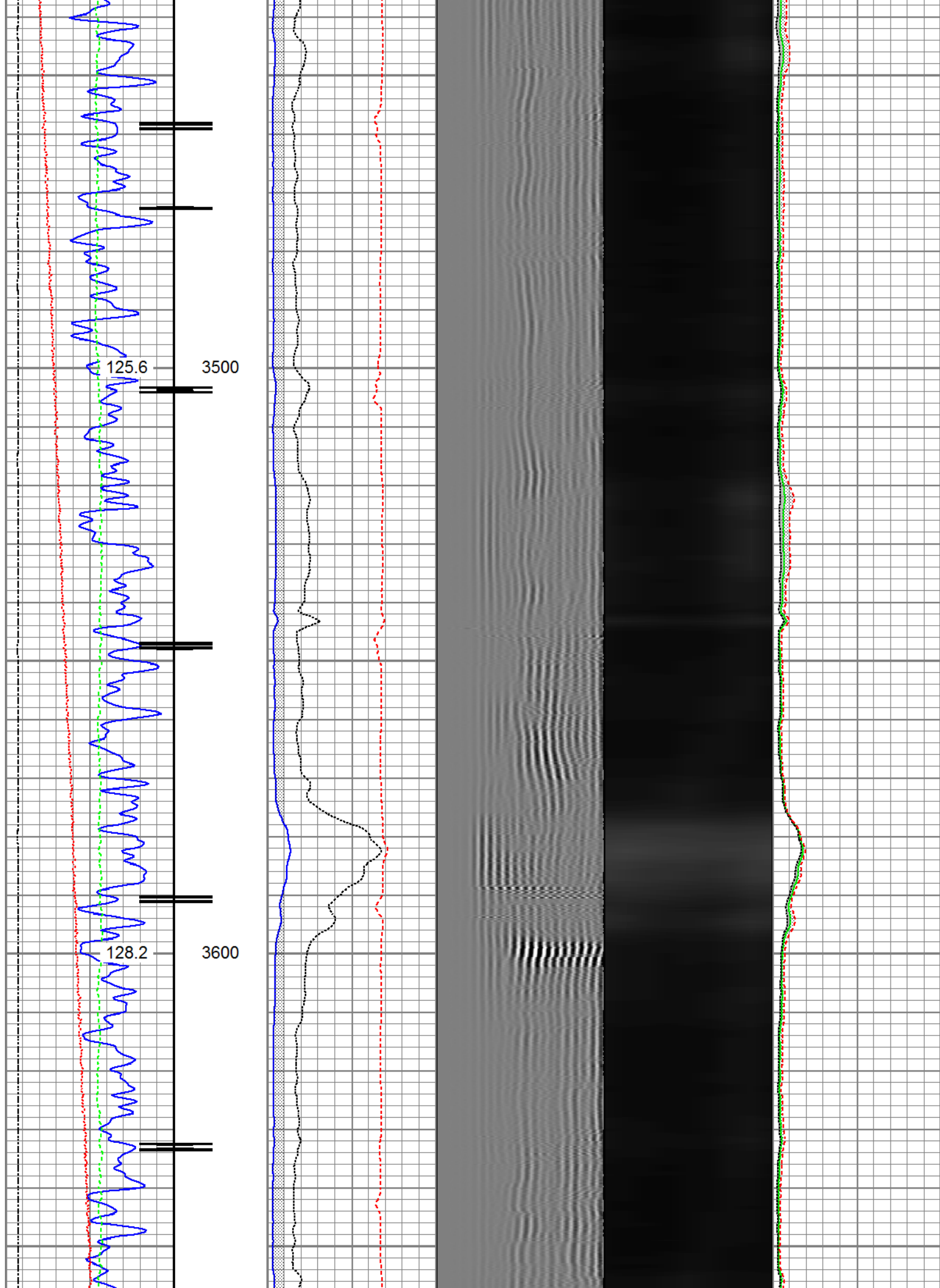


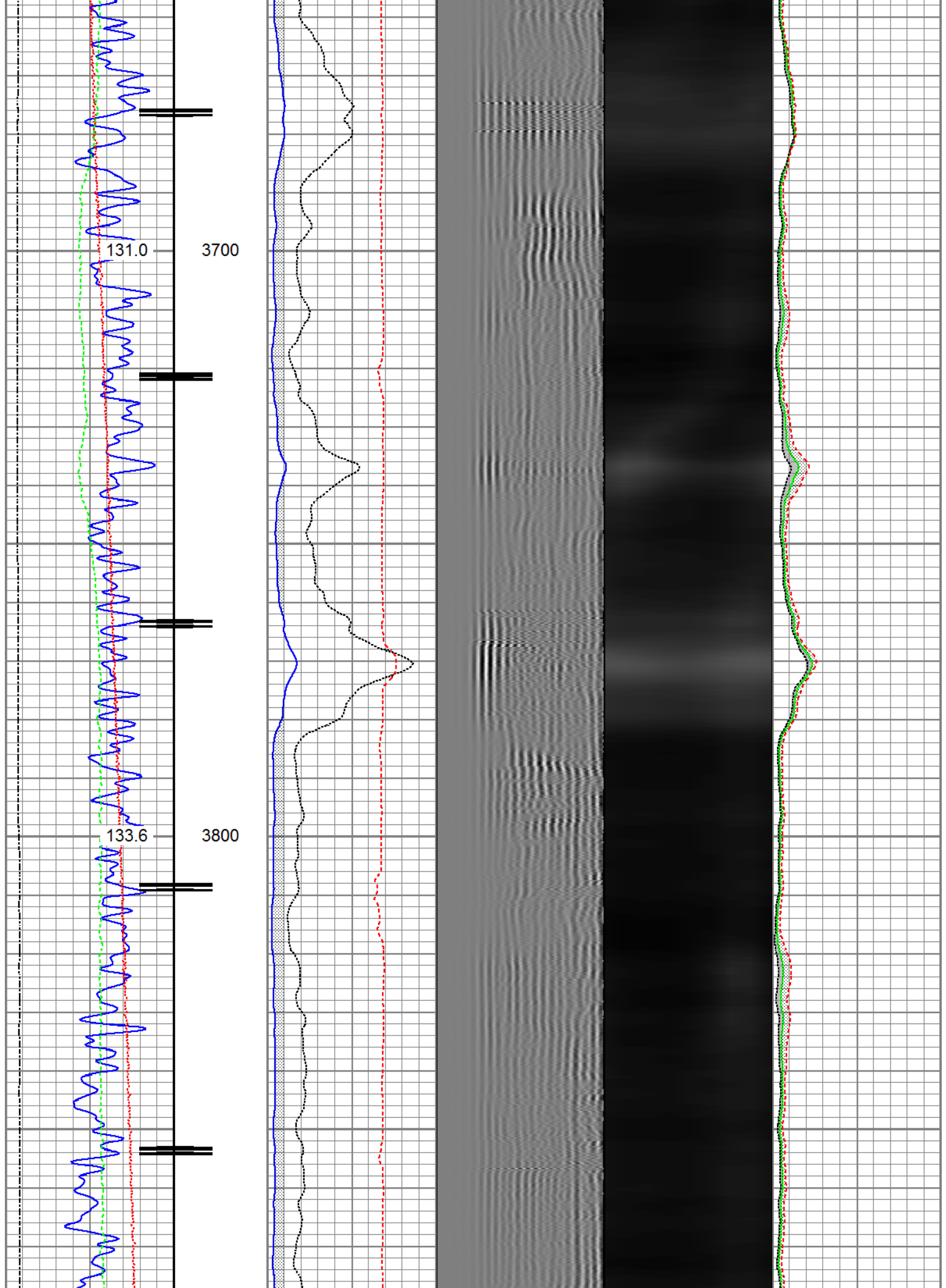


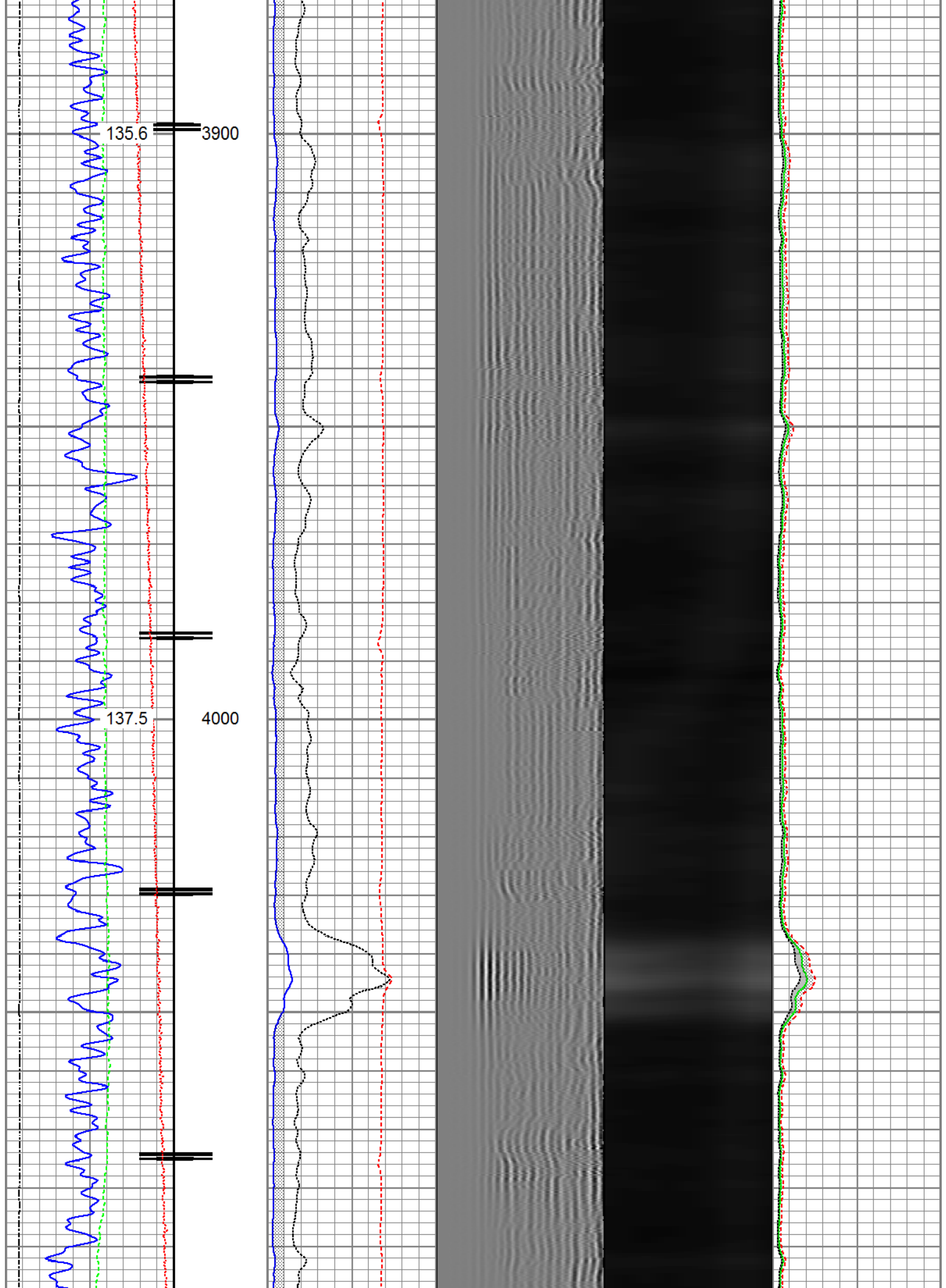


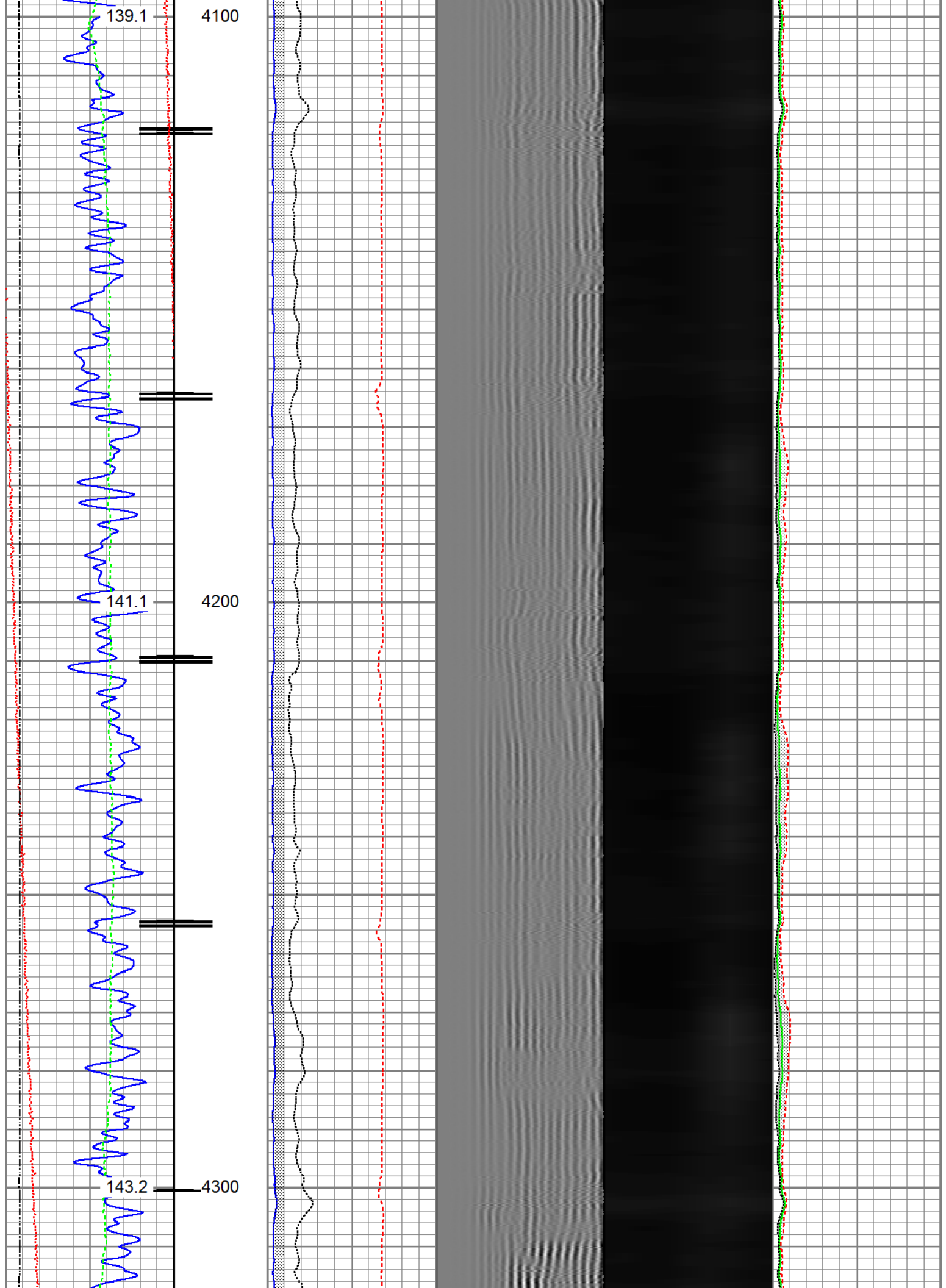


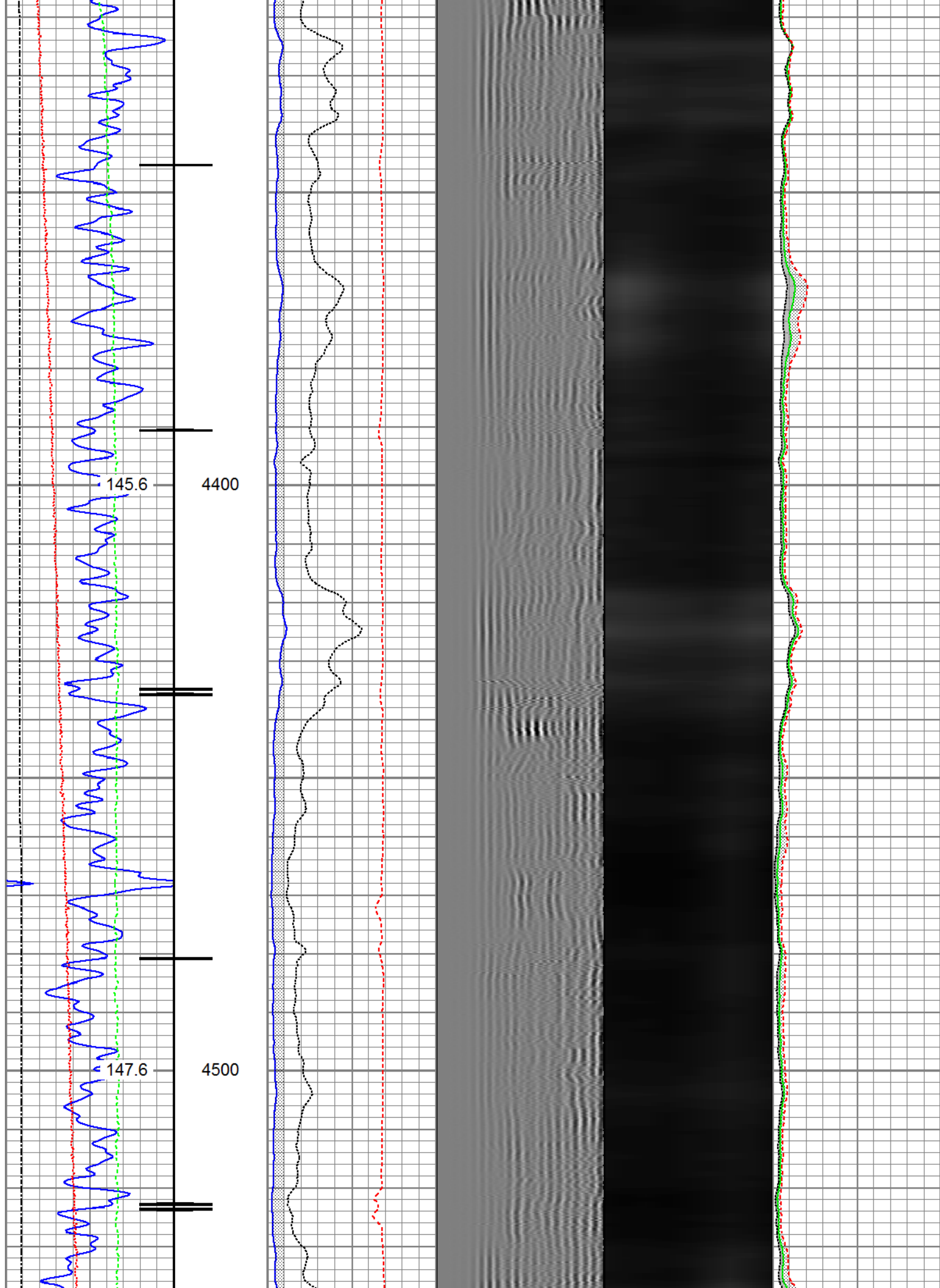


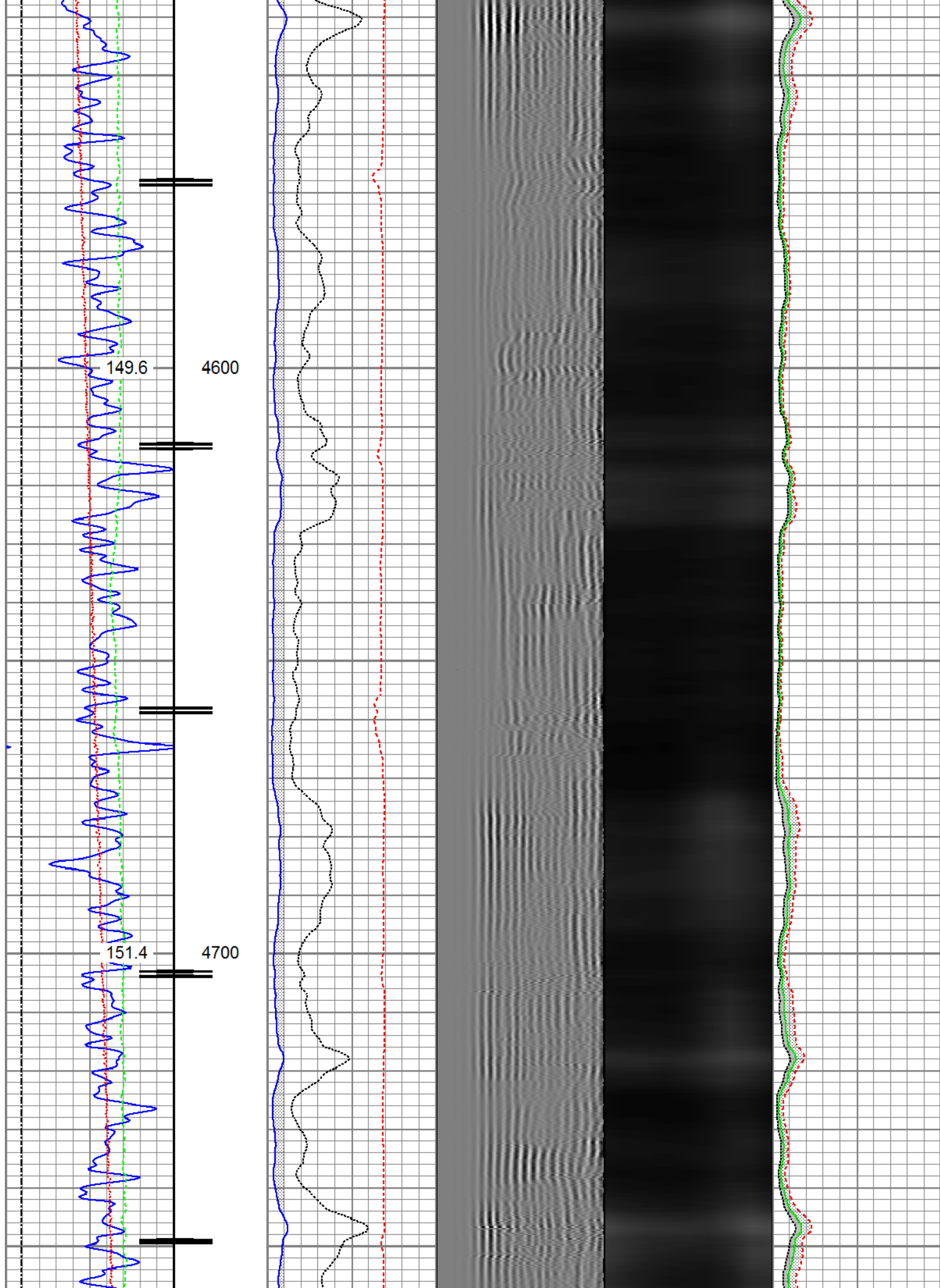


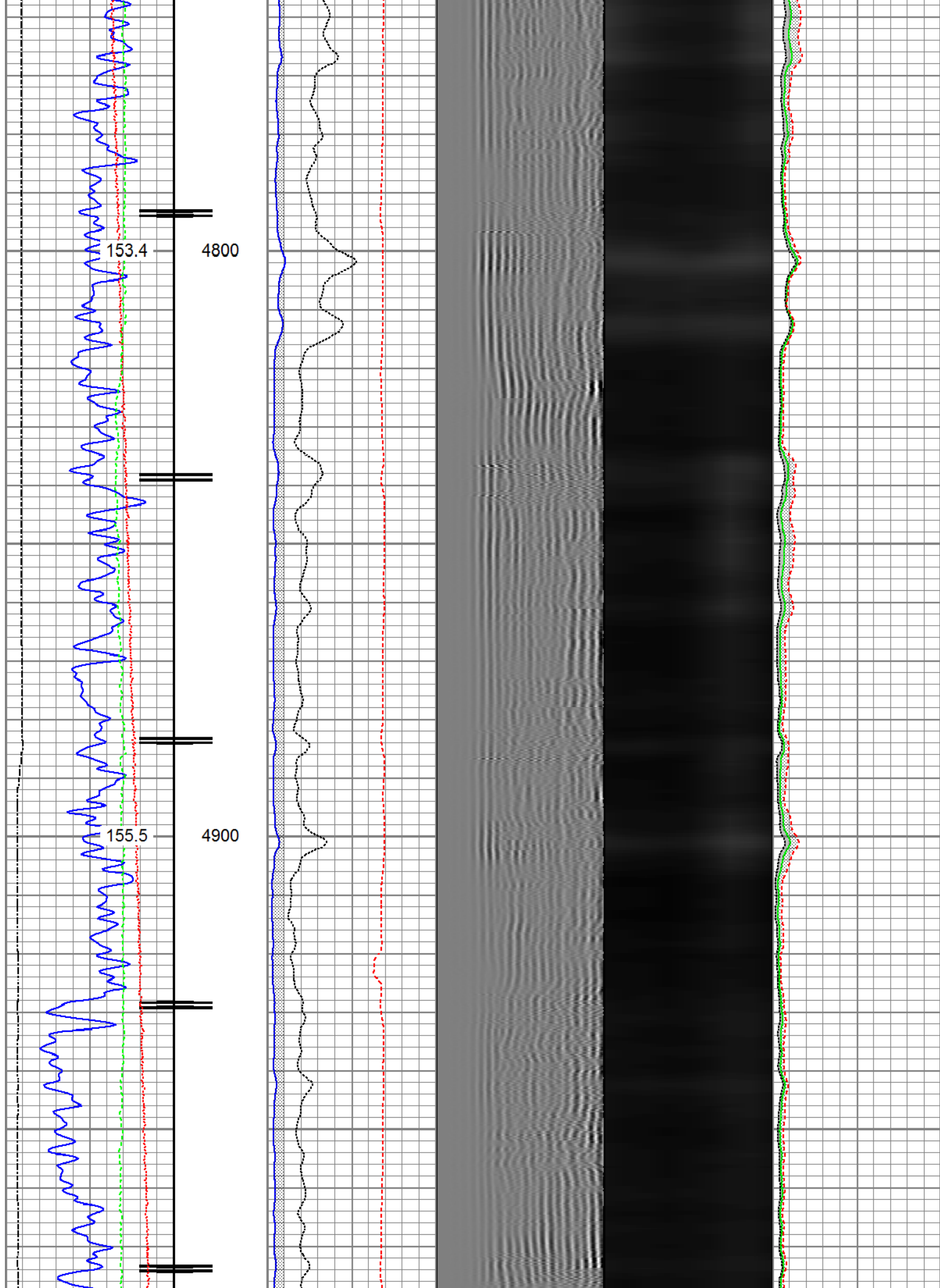


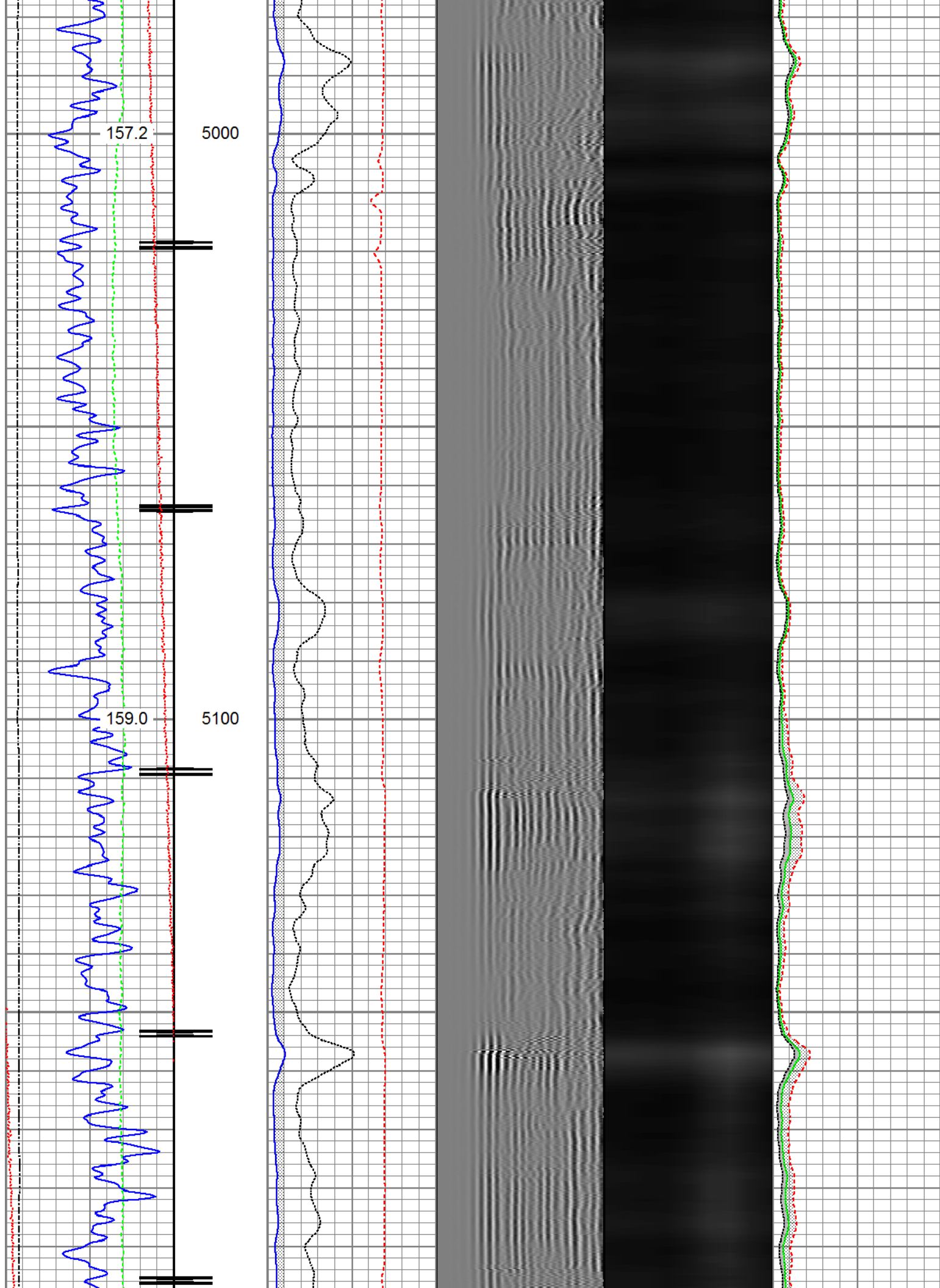


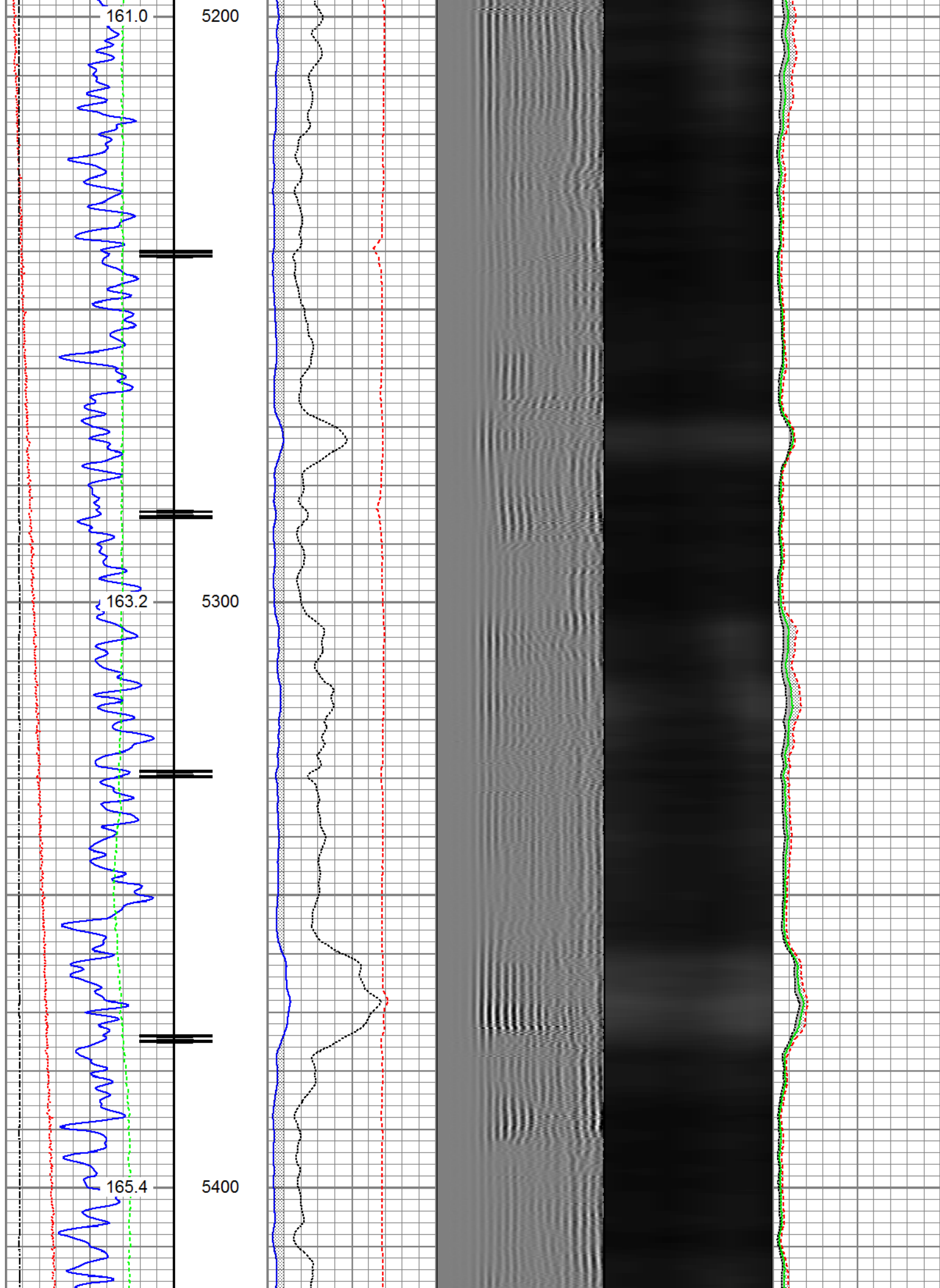


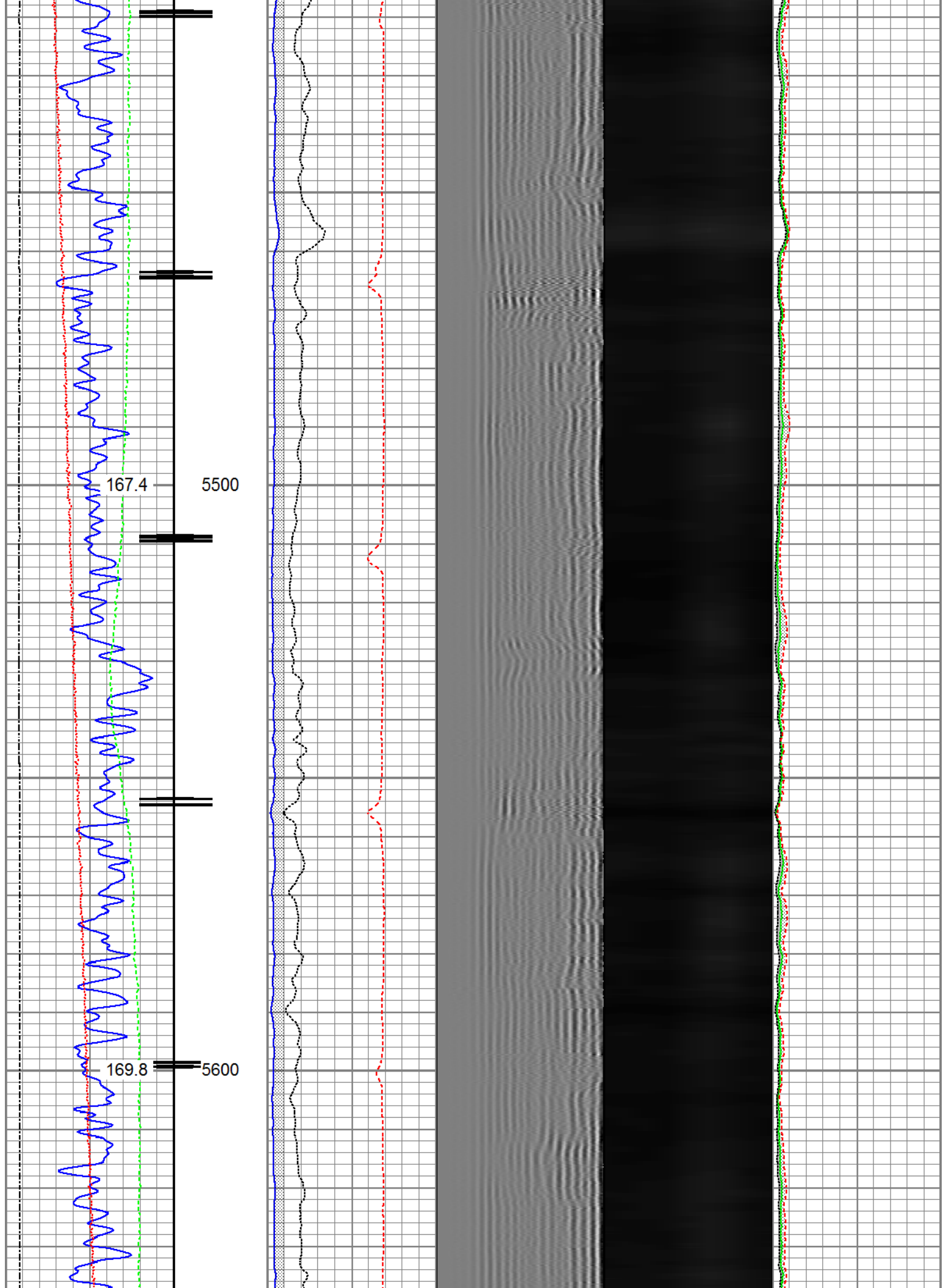


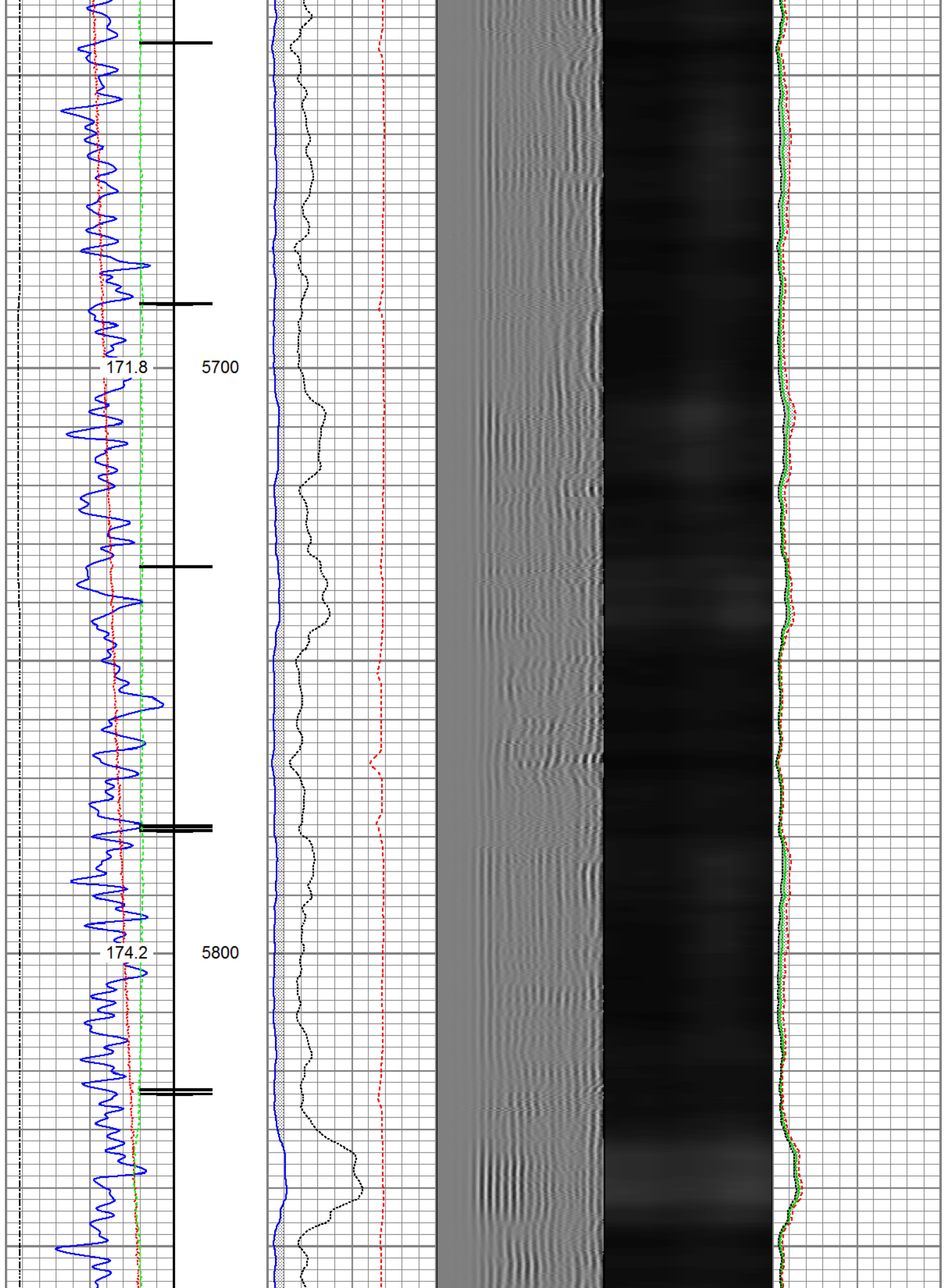


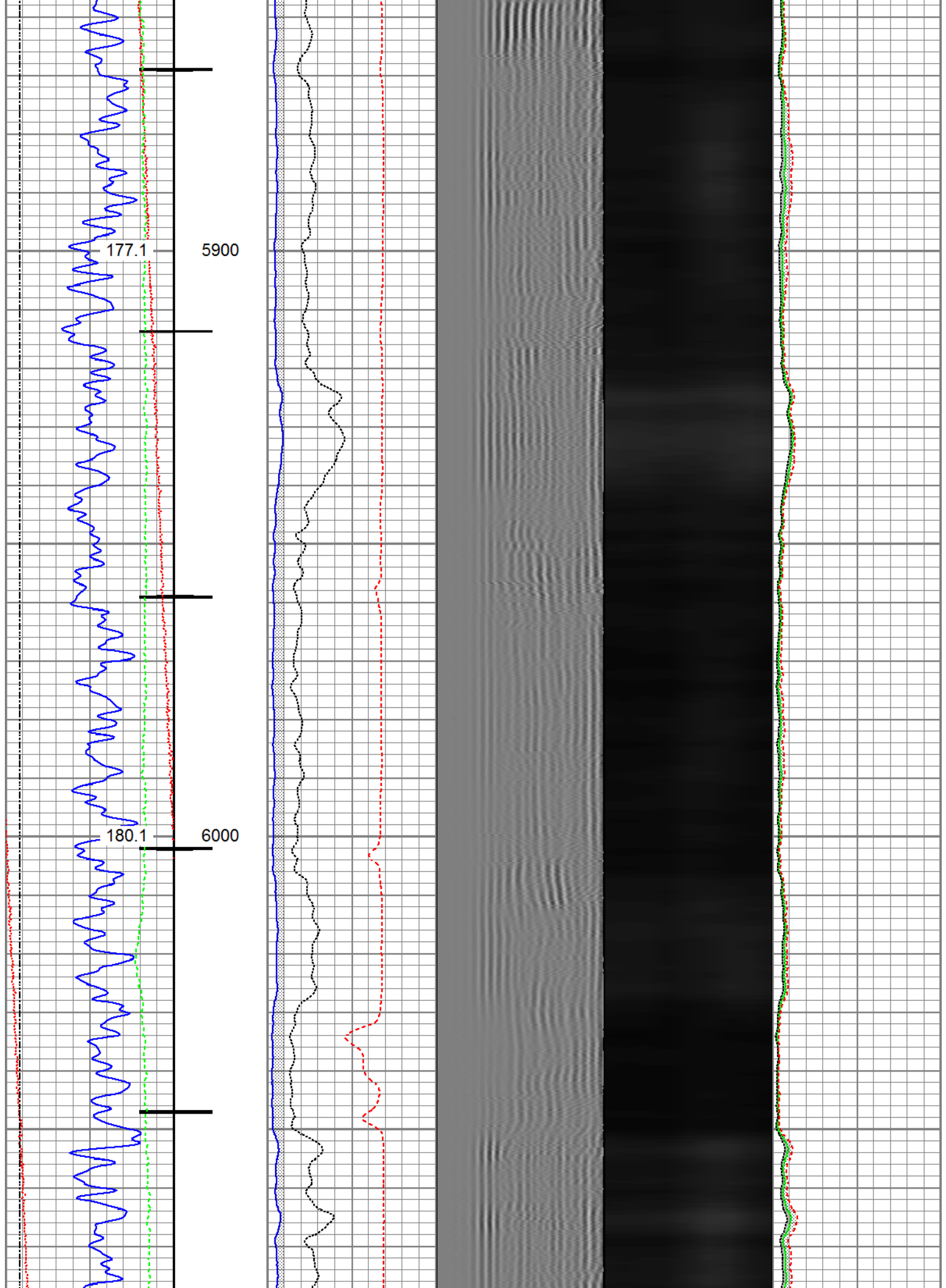


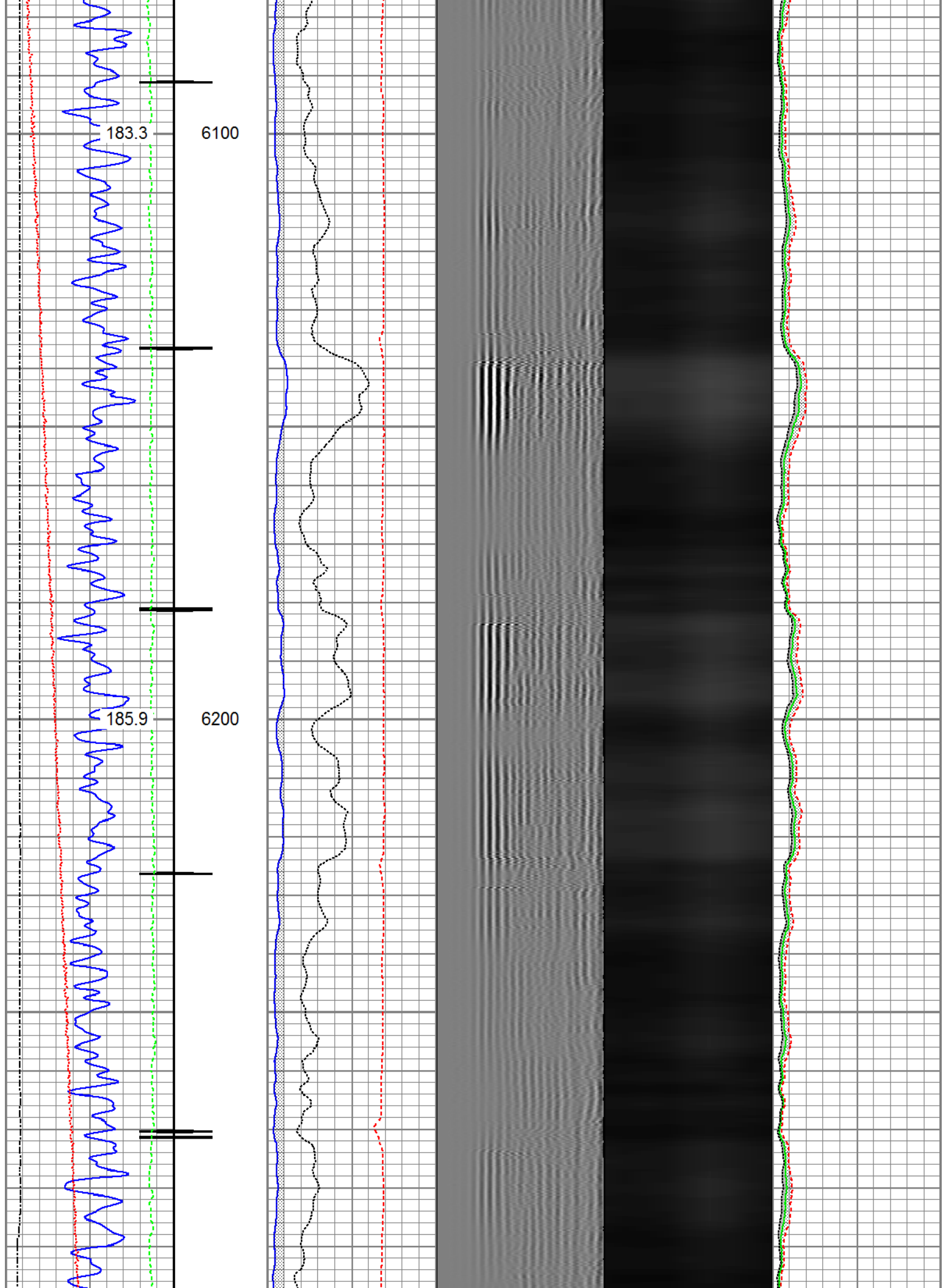


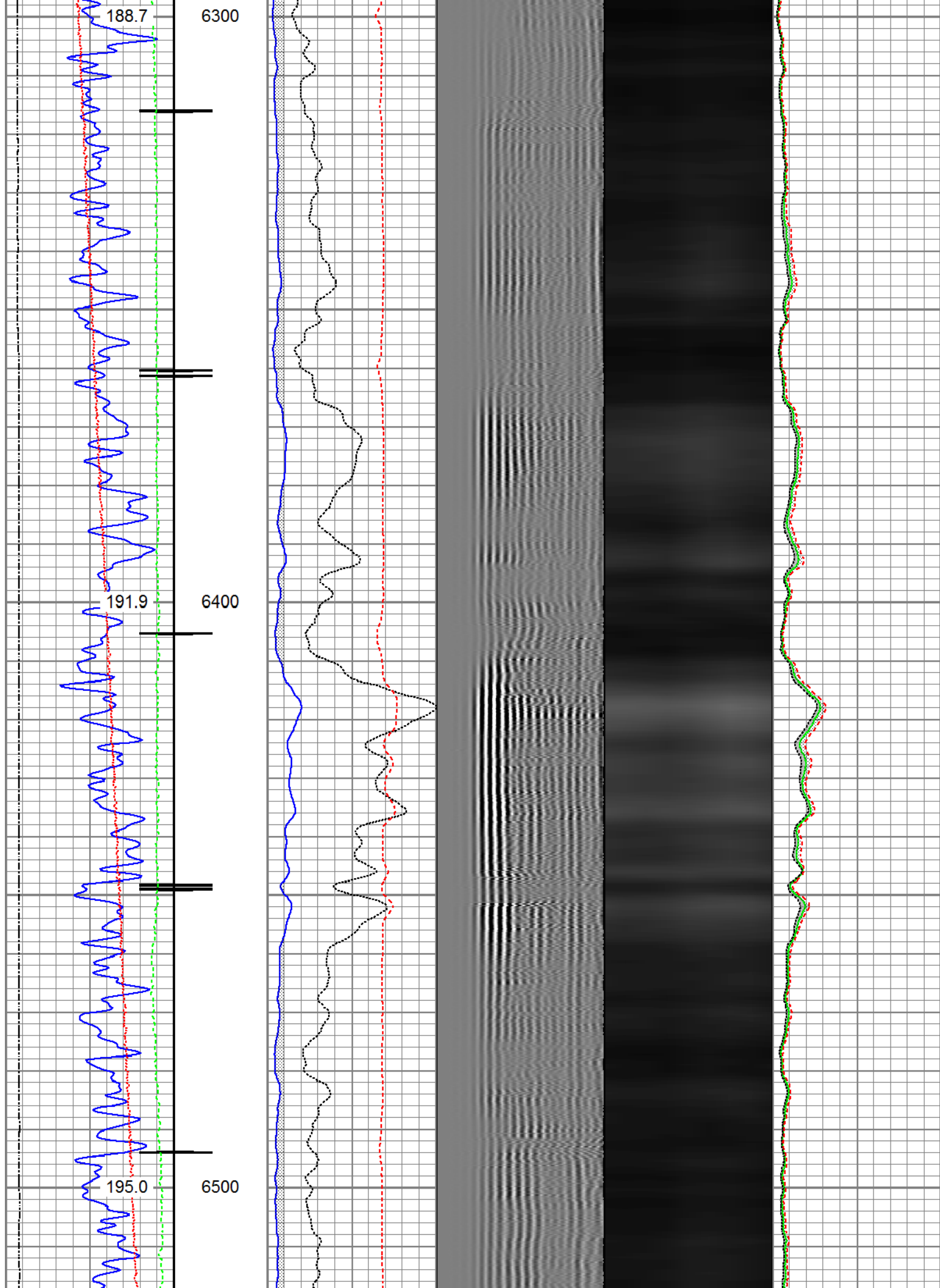


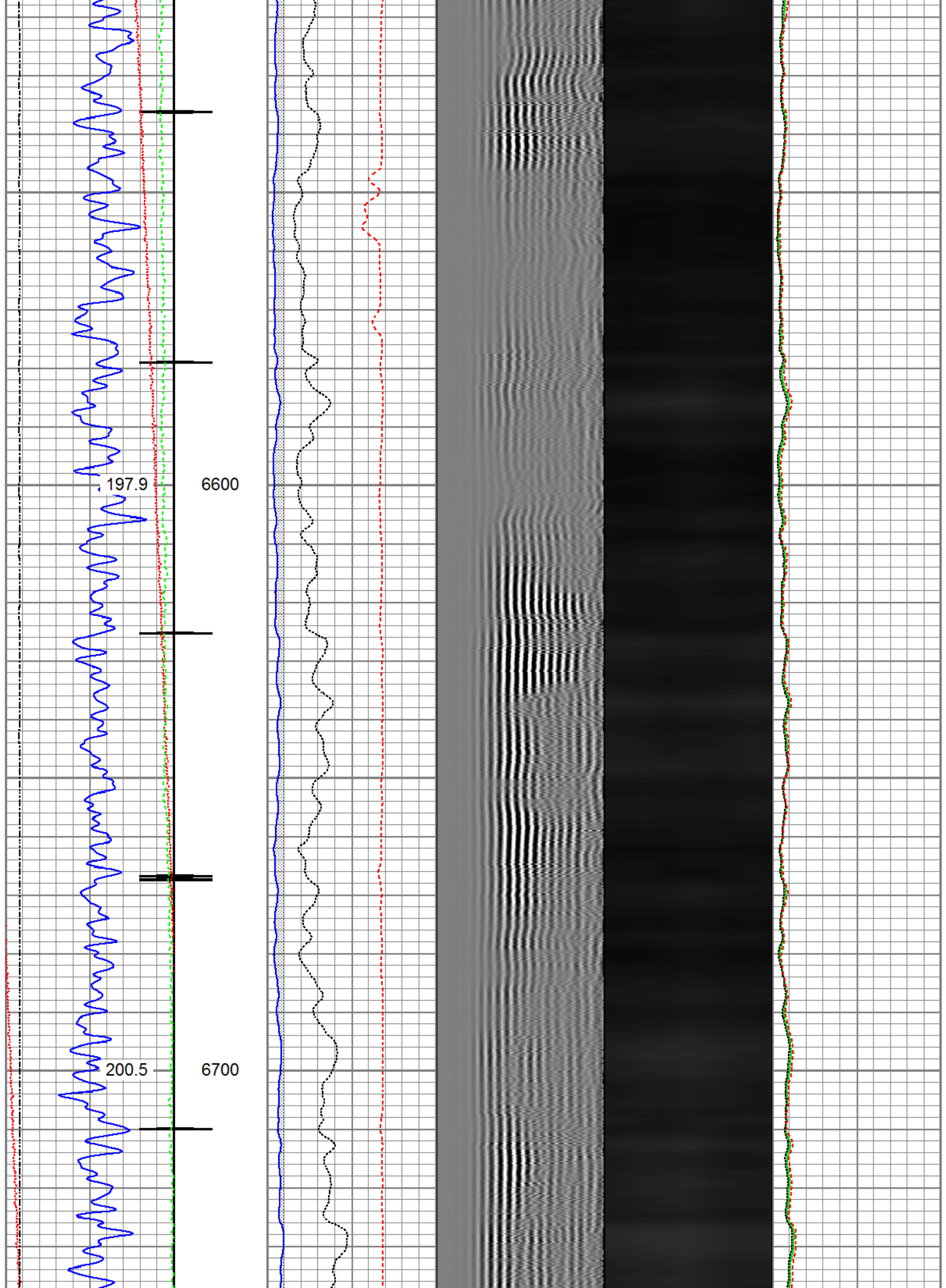


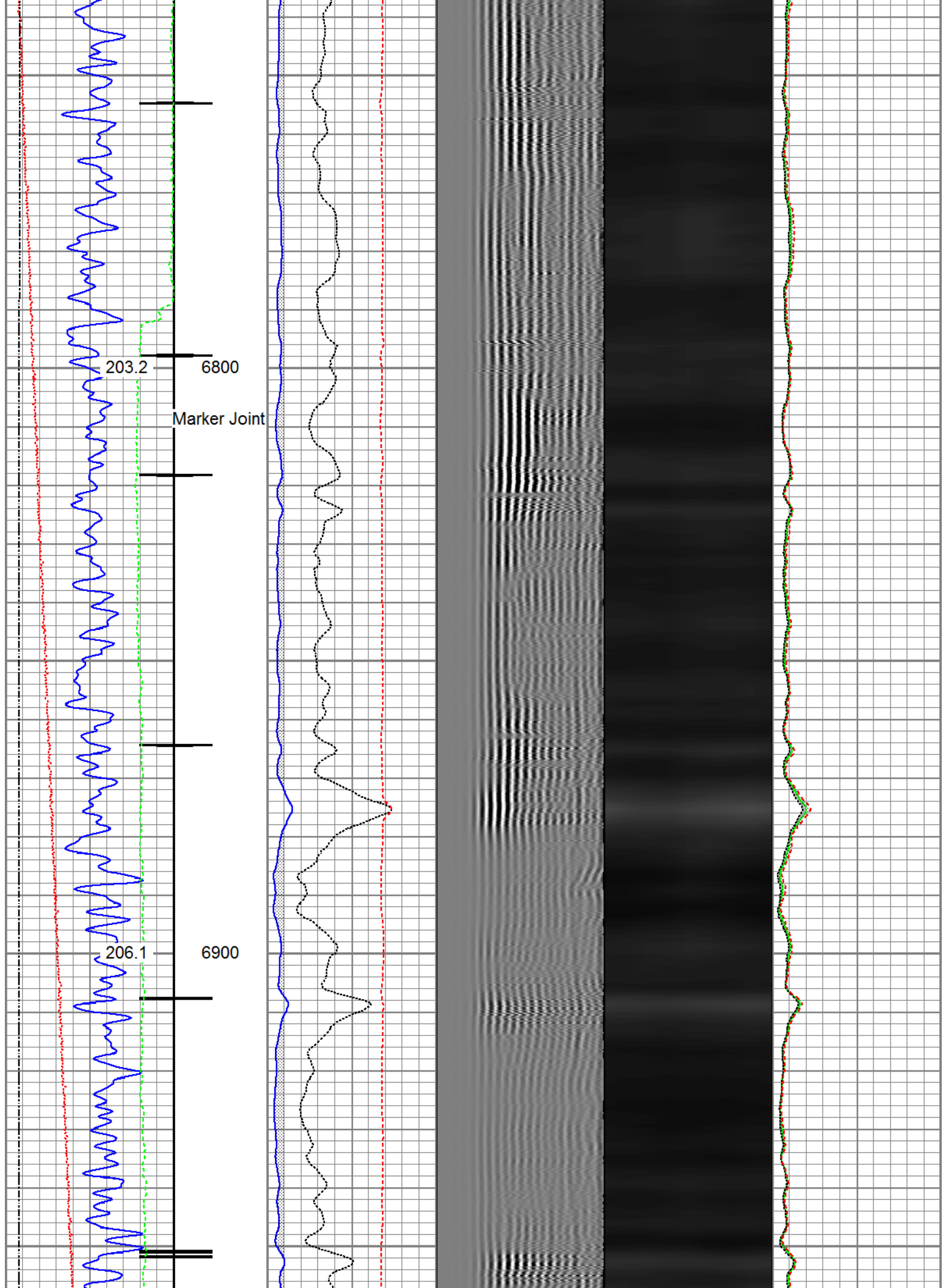


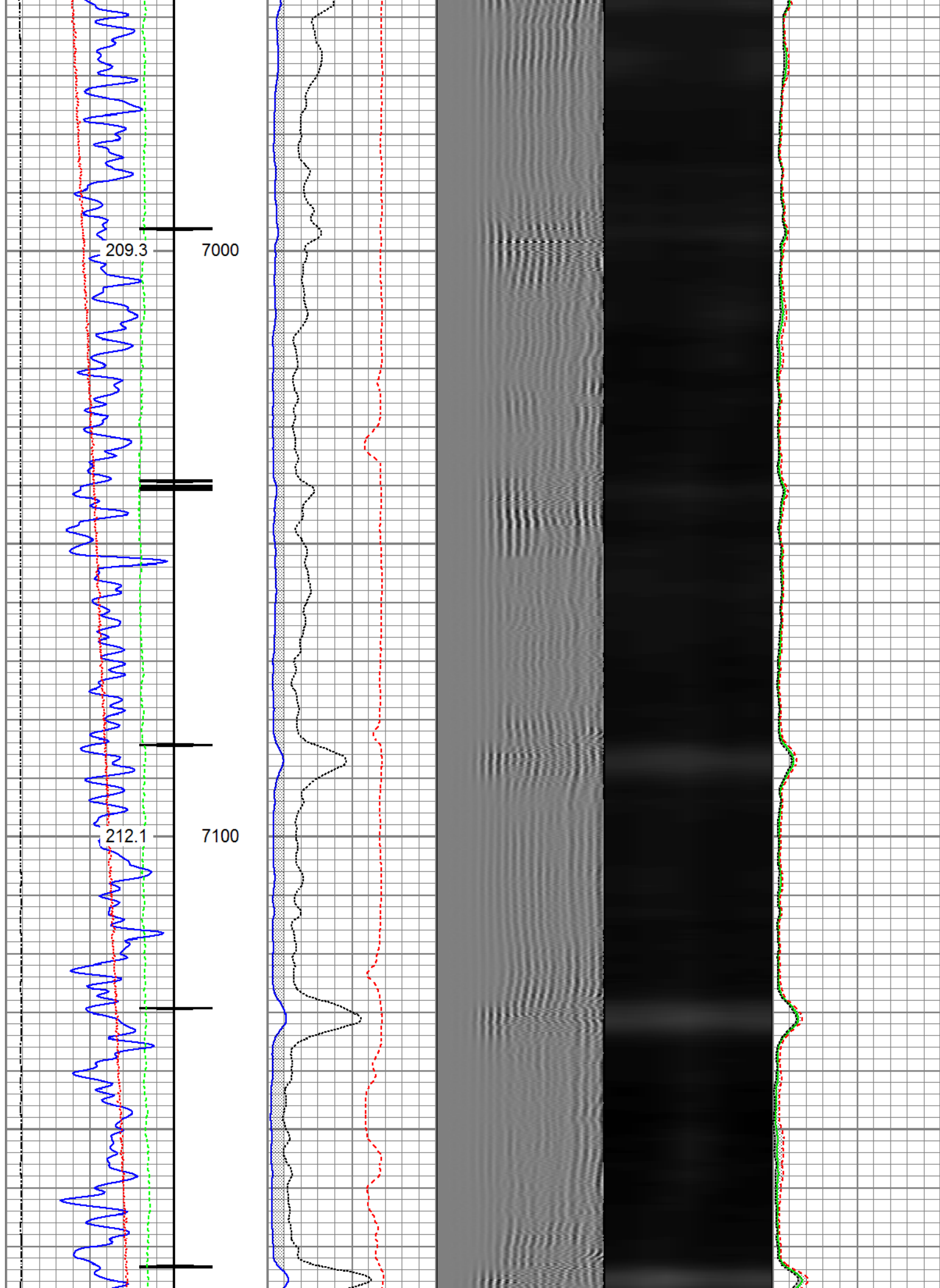


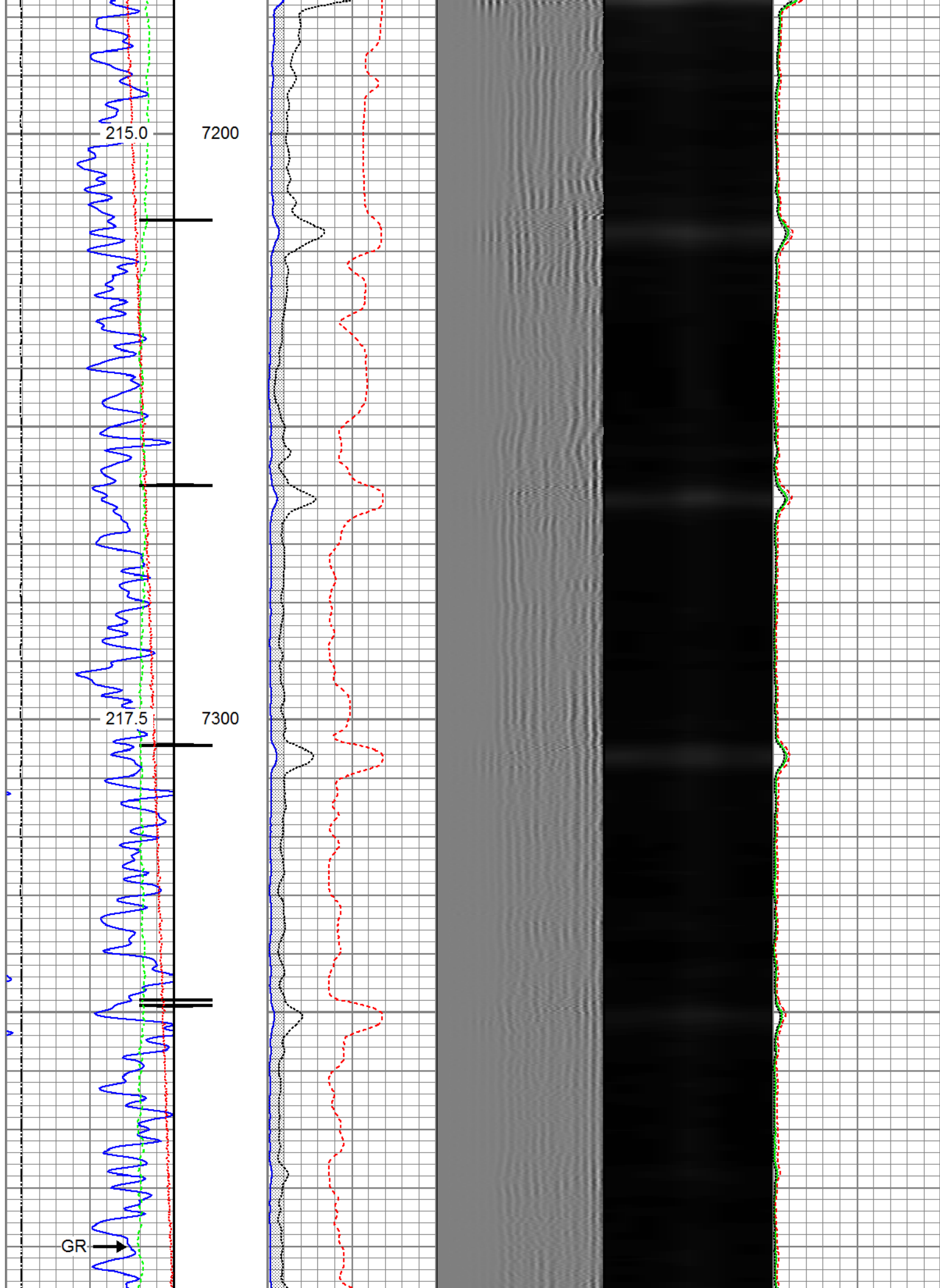


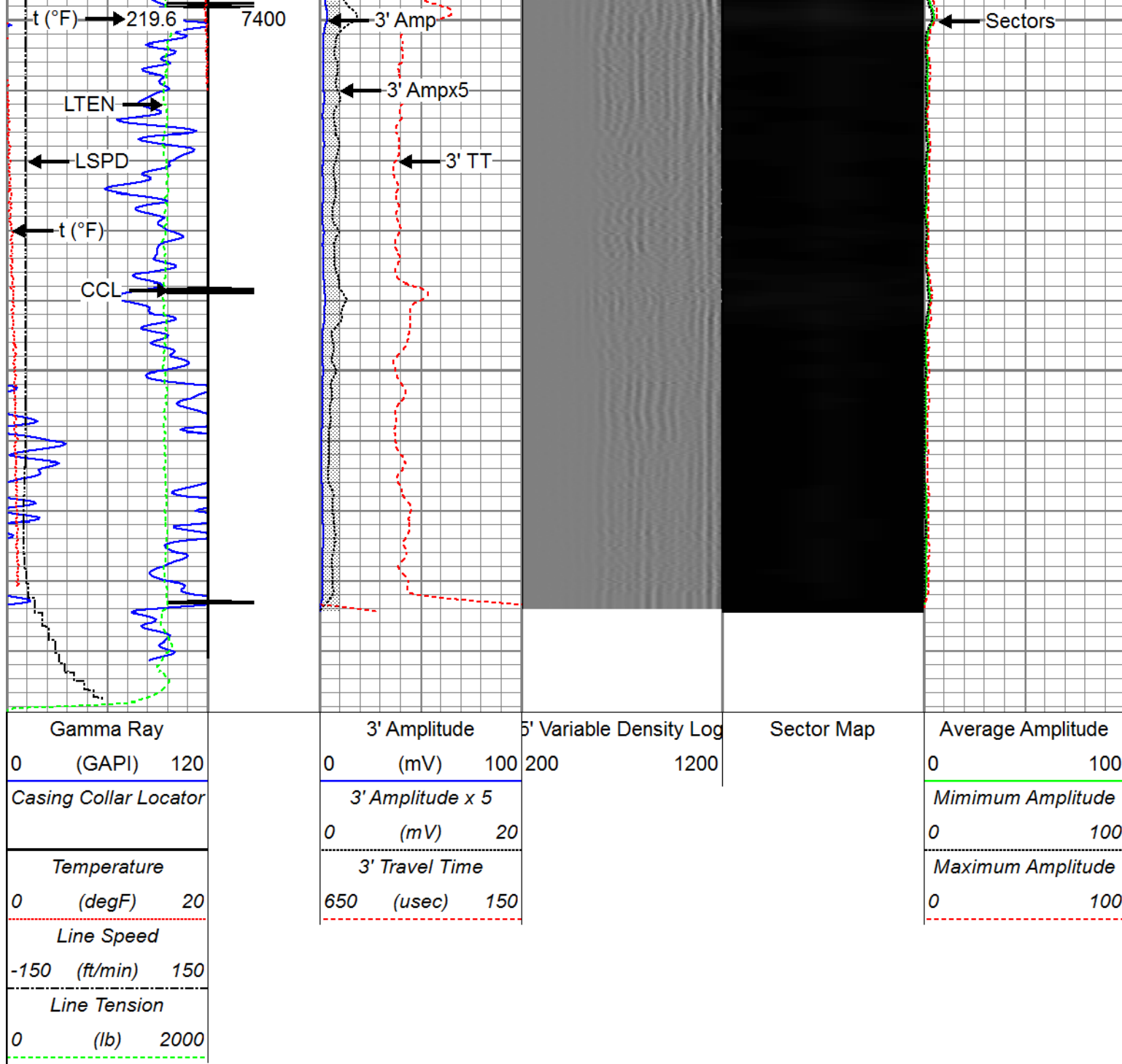








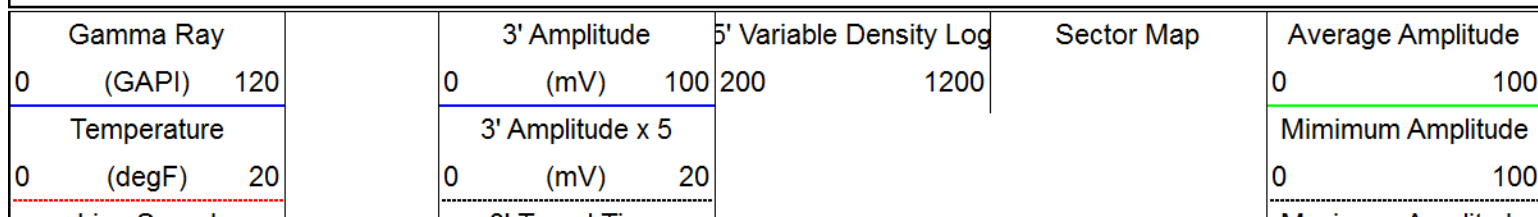


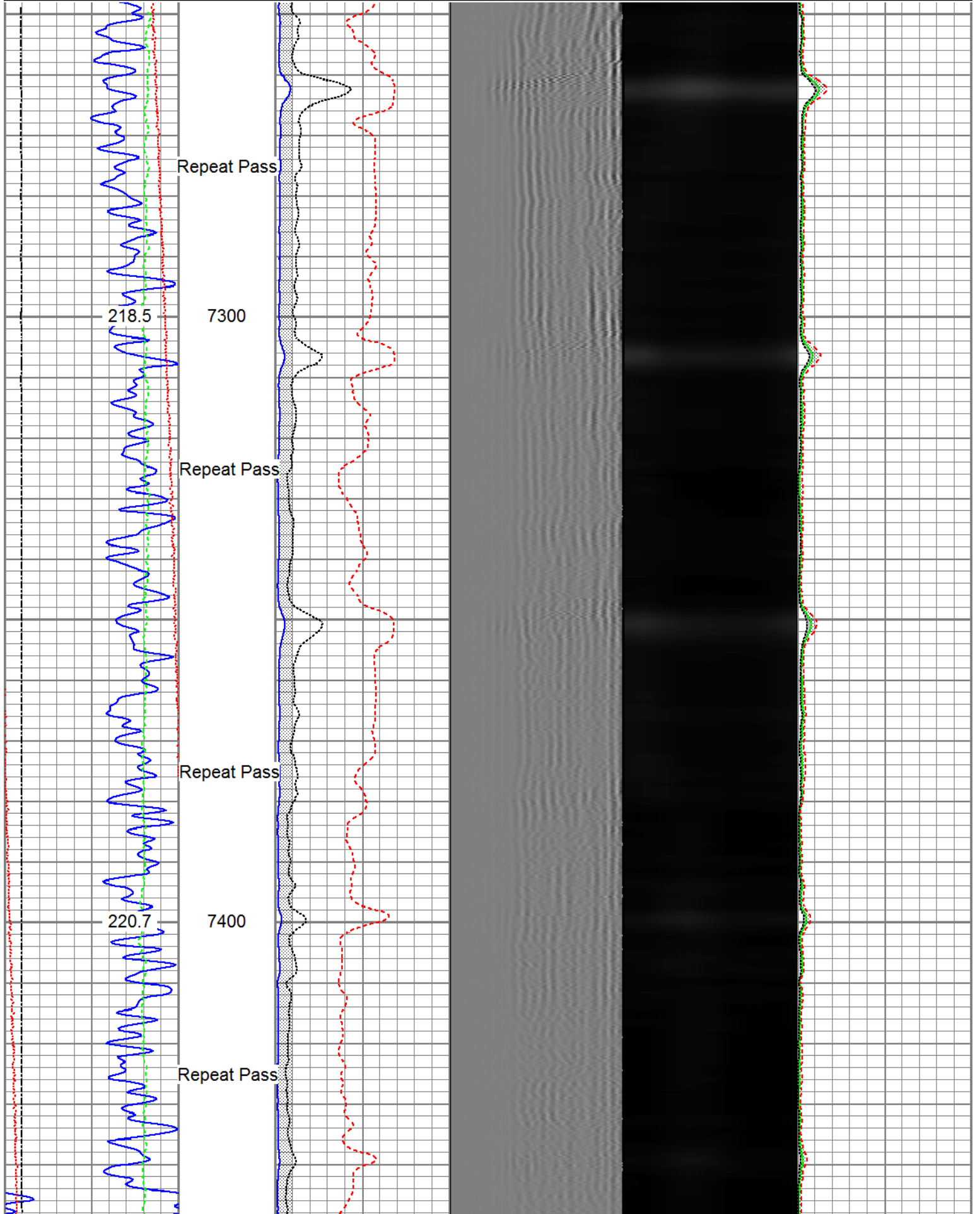
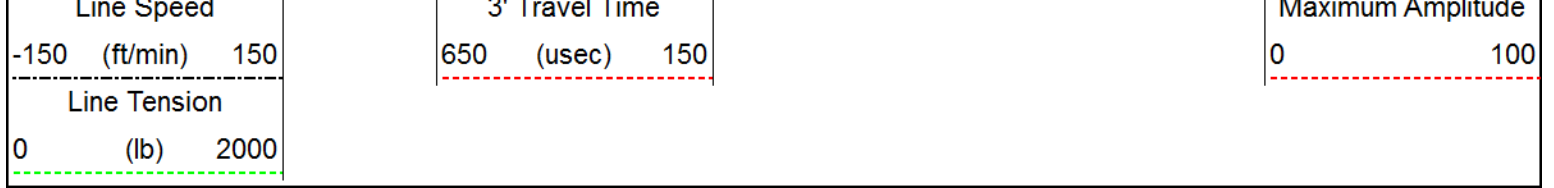


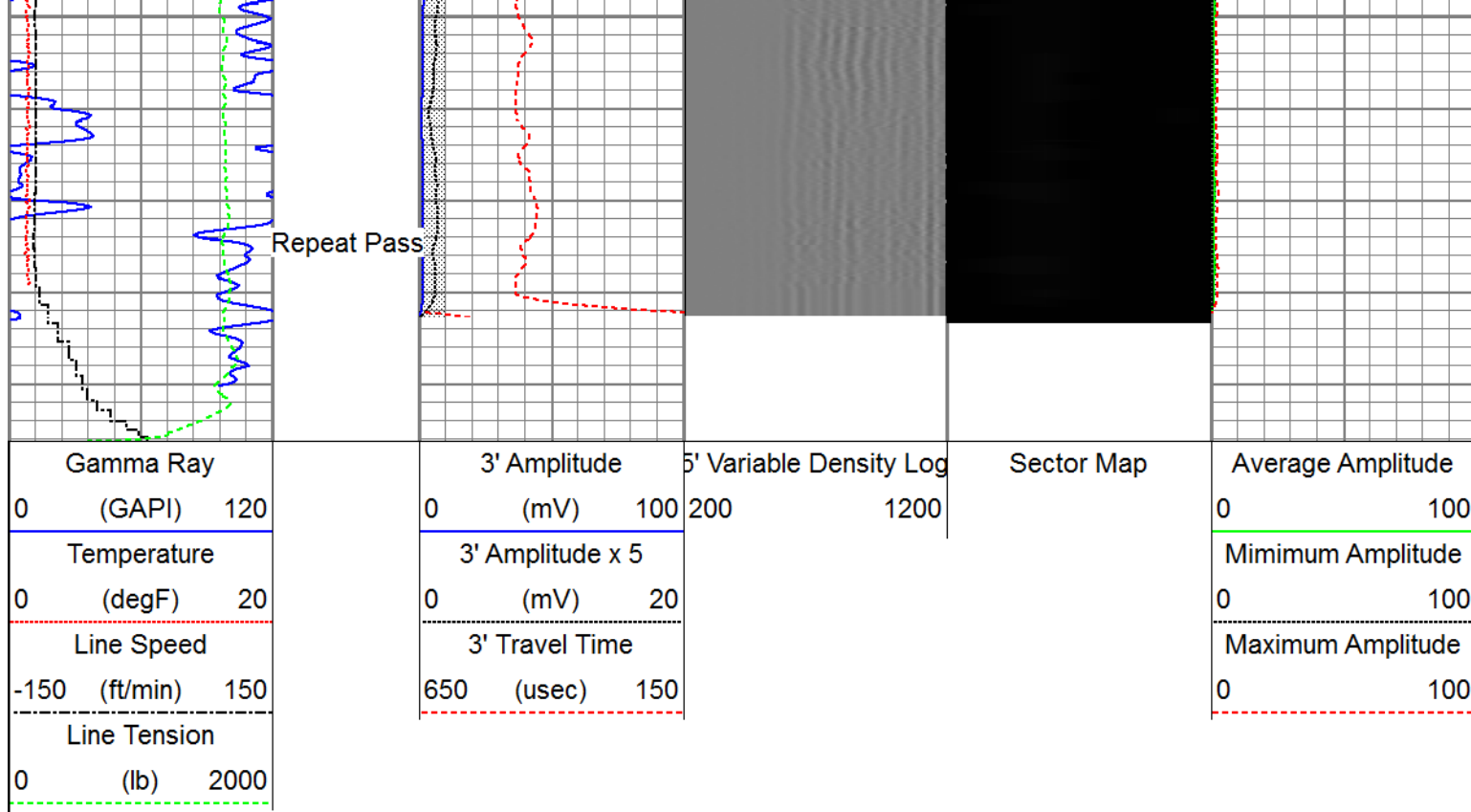
Repeat Pass

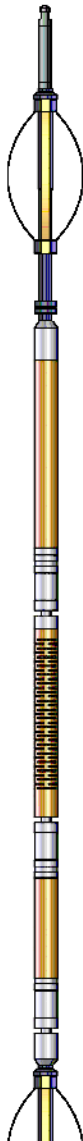
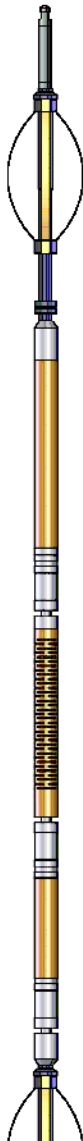
Recorded with 2800 PSI Surface Induced Pressure

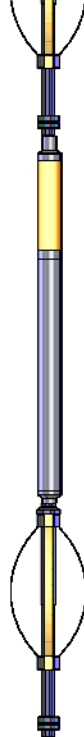
Database File	anadarko_whisper_rock_5n_25hz_rcbl_1_feb_2017\processed_0512341317_anadarko_whisper roc
Dataset Pathname	pass1
Presentation Format	ros_radri
Dataset Creation	Wed Feb 01 15:59:53 2017
Charted by	Depth in Feet scaled 1:240







Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
HeadVolt	19.51		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
Temp	16.72					
WVFS8	14.55					
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-P_EB52.8875 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.75	20.00
DCCL	6.51					
CCL	6.51					
GR	3.77		Probe_GR_CCL-P_CGR_2750_S (FW1211-4.54) 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	
<div>Dataset: PROCESSED_0512341317_Anadarko_Whisper Rock 5N-25HZ_02-01-17_RBL.db: field/well/run1/pass2</div> <div>Total length: 23.40 ft</div> <div>Total weight: 225.40 lb</div> <div>O.D.: 2.75 in</div>						

Calibration Report						
Database File	C:\ProgramData\Warrior\Data\anadarko_whisper_rock_5n_25hz_rcbl_1_feb_2017\PROCESSED_05					
Dataset Pathname	pass2					
Dataset Creation	Wed Feb 01 16:03:47 2017					
Gamma Ray Calibration Report						
Serial Number:	FW1211-081					
Tool Model:	P_CGR_2750_S					
Performed:	Sat Jan 07 07:43:48 2017					
Calibrator Value:	1.0	GAPI				
Background Reading:	0.0	cps				
Calibrator Reading:	1.0	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:	1.417	ft				
Master Calibration, performed Wed Feb 01 10:07:38 2017:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.008	0.683	0.800	71.921	105.331	0.005
CAL	0.729	0.740				
5'	0.009	0.604	0.800	71.921	119.353	-0.215

S	0.005	0.604	0.000	71.921	119.555	-0.215
SUM						
S1	0.006	0.643	0.000	100.000	157.153	-0.988
S2	0.008	0.612	0.000	100.000	165.534	-1.358
S3	0.008	0.630	0.000	100.000	160.842	-1.261
S4	0.008	0.680	0.000	100.000	148.791	-1.186
S5	0.008	0.761	0.000	100.000	132.763	-1.053
S6	0.008	0.794	0.000	100.000	127.241	-1.025
S7	0.008	0.757	0.000	100.000	133.511	-1.027
S8	0.008	0.700	0.000	100.000	144.544	-1.198

Internal Reference Calibration, performed Wed Sep 14 11:34:04 2016:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.729	0.740	1.000	0.000

Air Zero Calibration, performed Wed Feb 01 10:04:43 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	



RELIANCE
OILFIELD SERVICES

Company Kerr-McGee Oil & Gas Onshore, L.P.
Well Whisper Rock 5N-25HZ
Field Wattenberg
County Weld
State Colorado