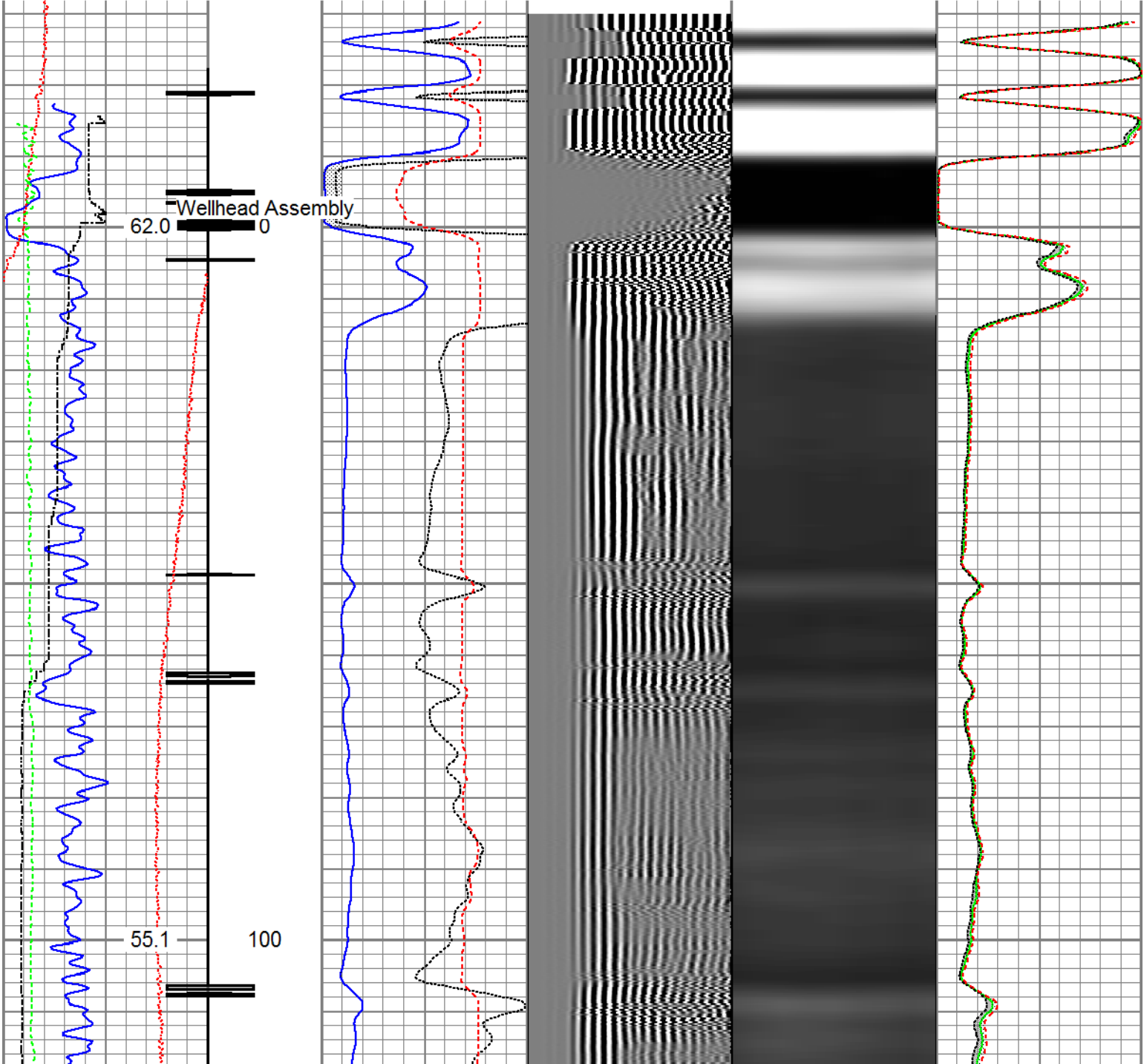
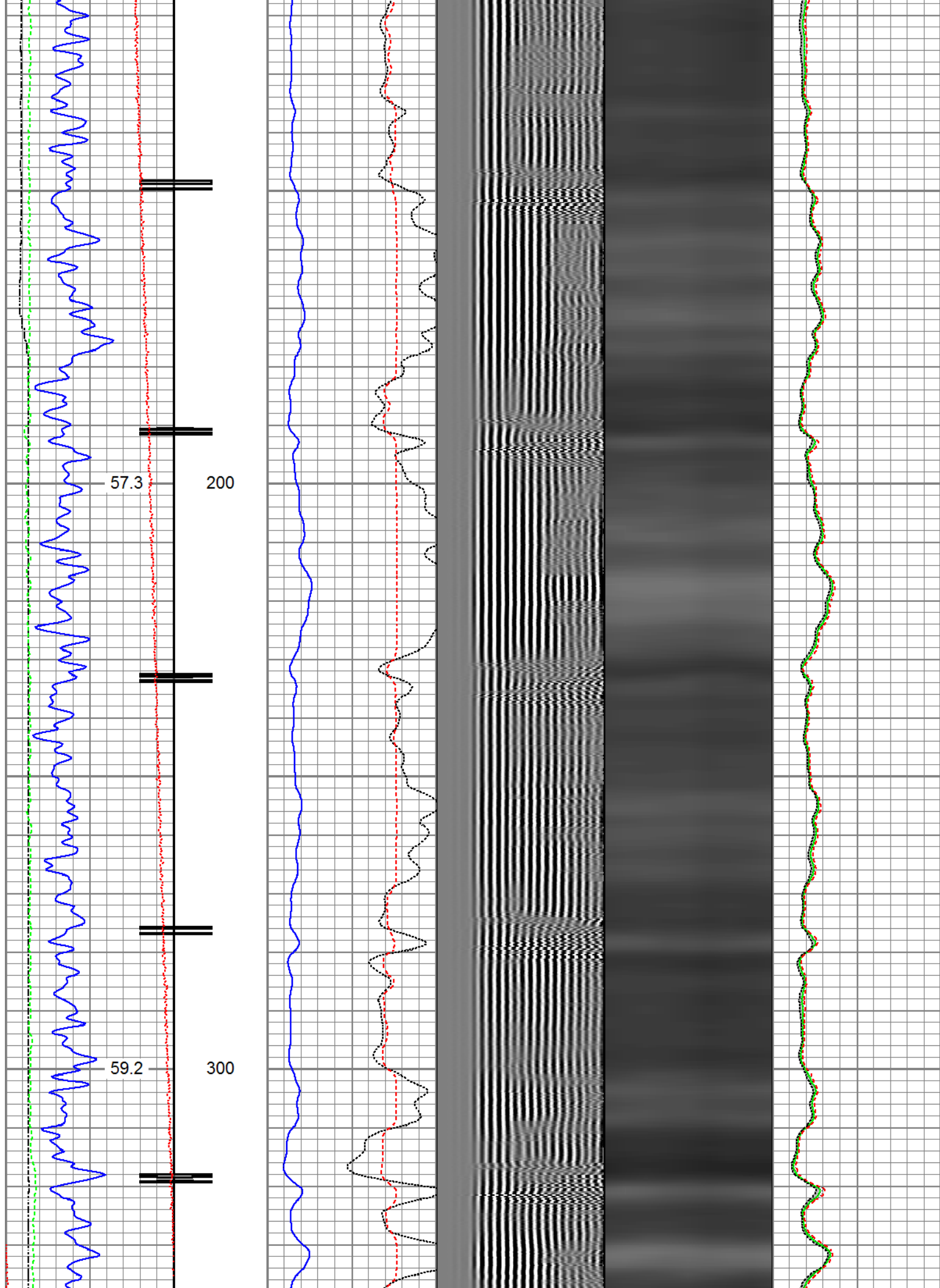
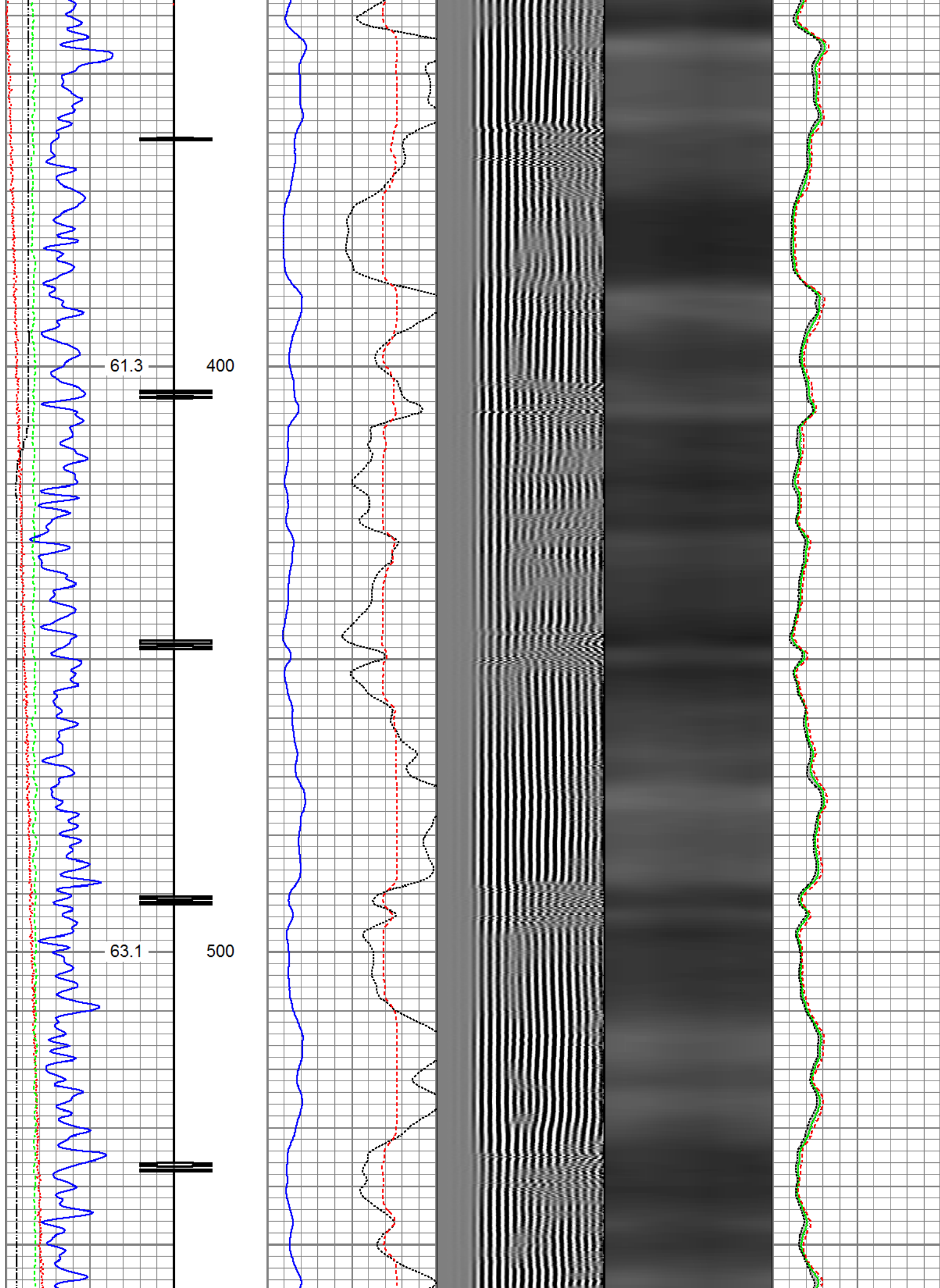
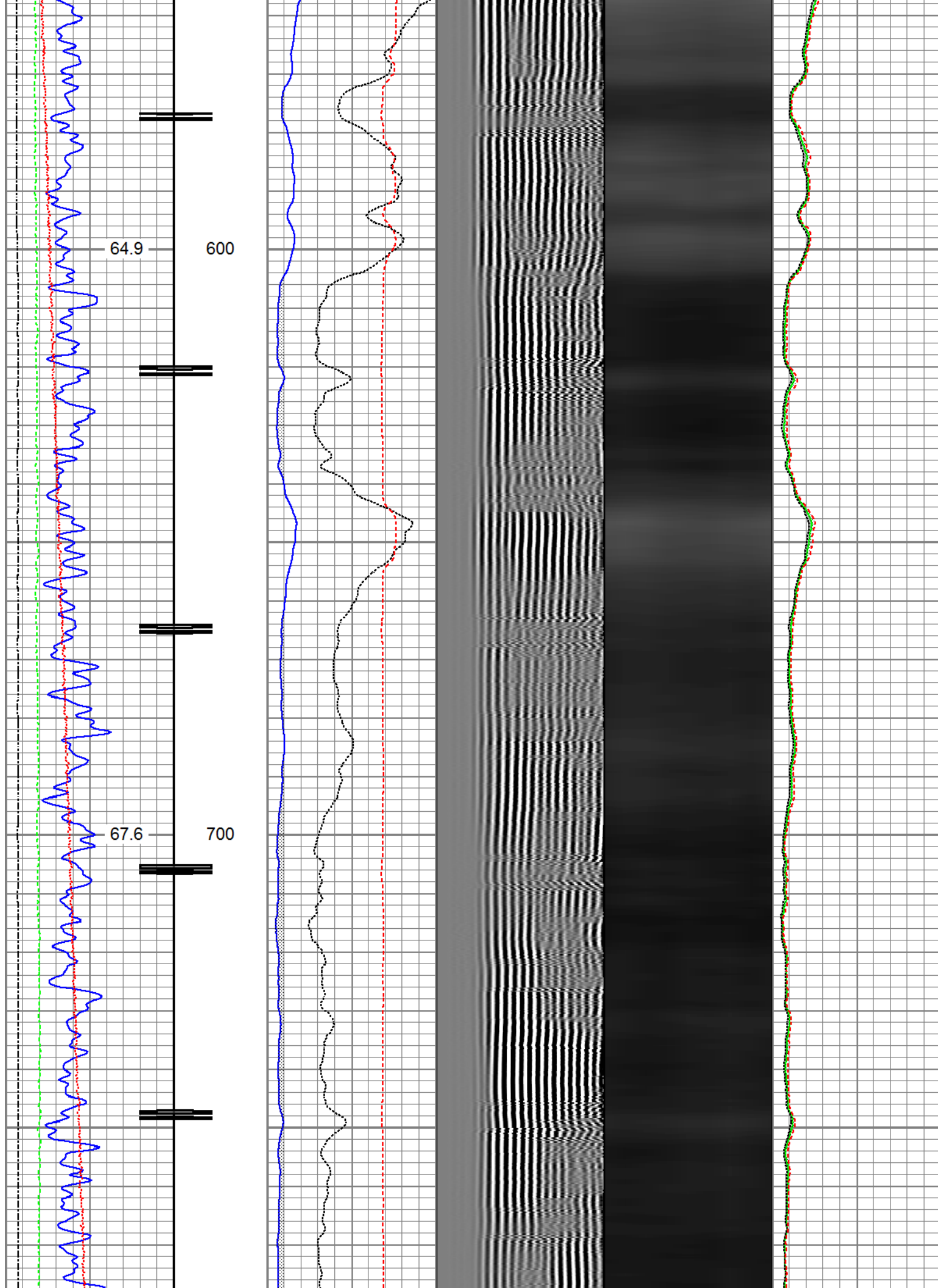


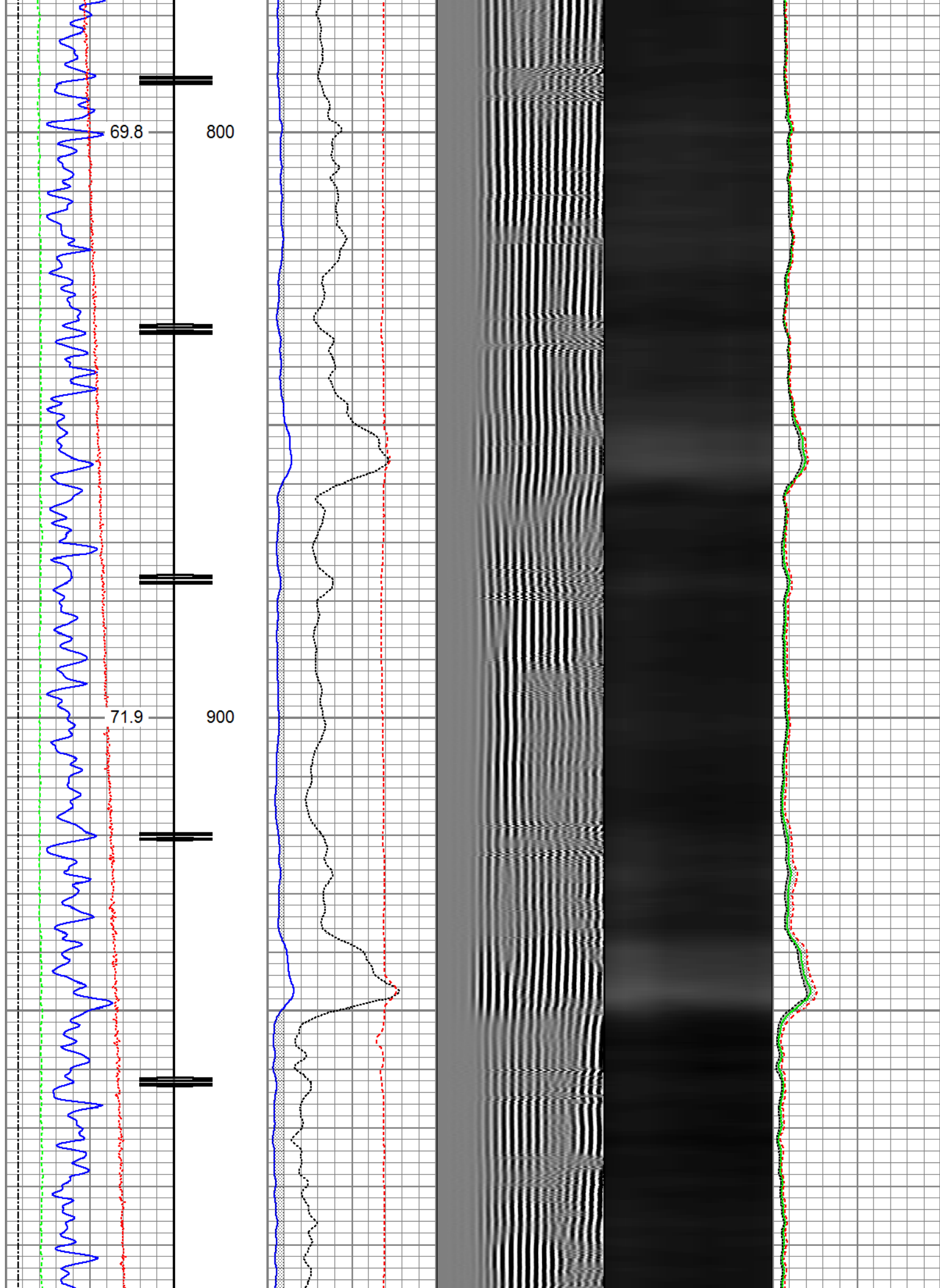
Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 120	0 (mV) 100	200 1200		0 100
Casing Collar Locator	3' Amplitude x 5			Mimimum Amplitude
	0 (mV) 20			0 100
Temperature	3' Travel Time			Maximum Amplitude
0 (degF) 20	650 (usec) 150			0 100
Line Speed				
-150 (ft/min)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

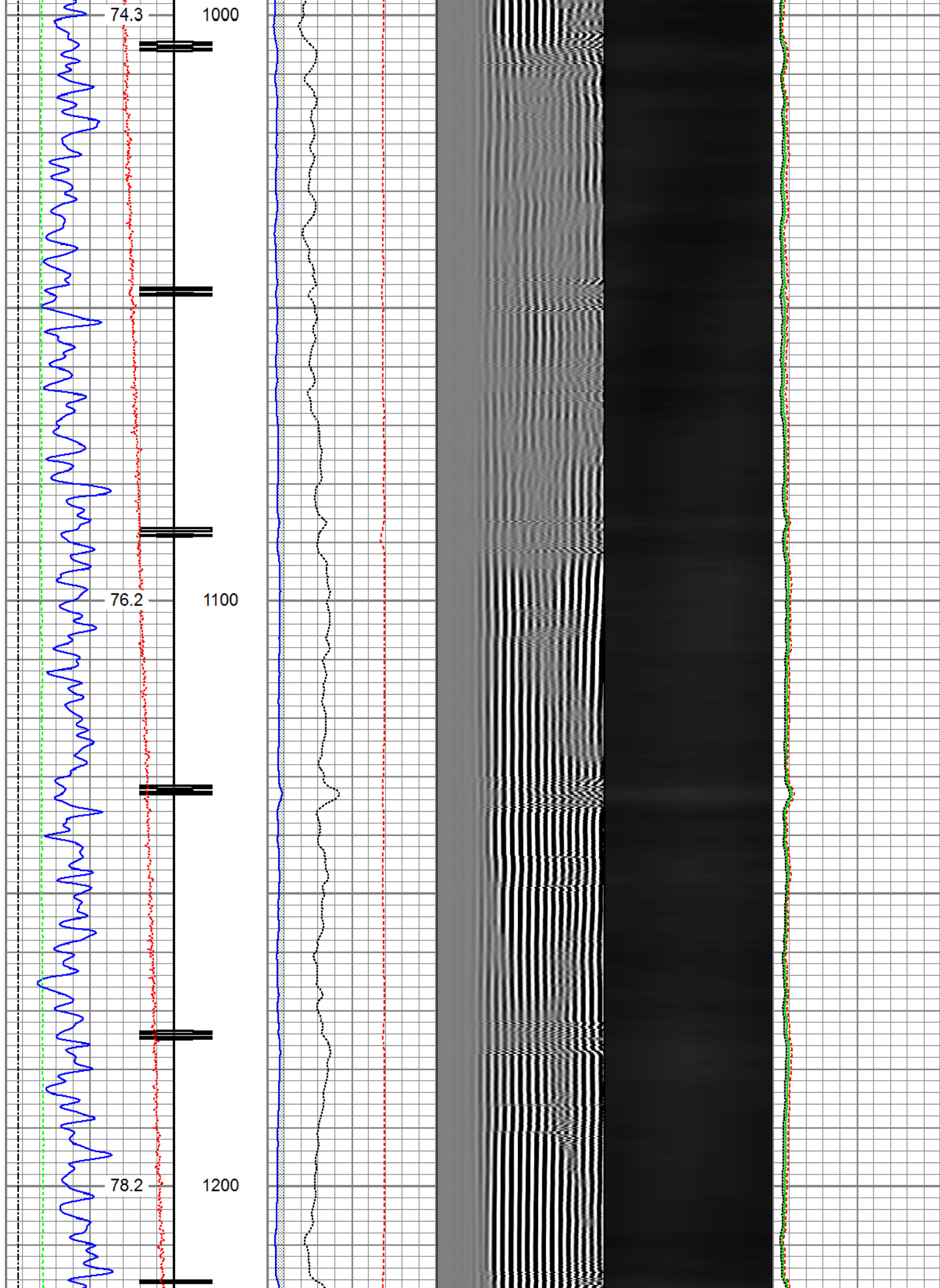


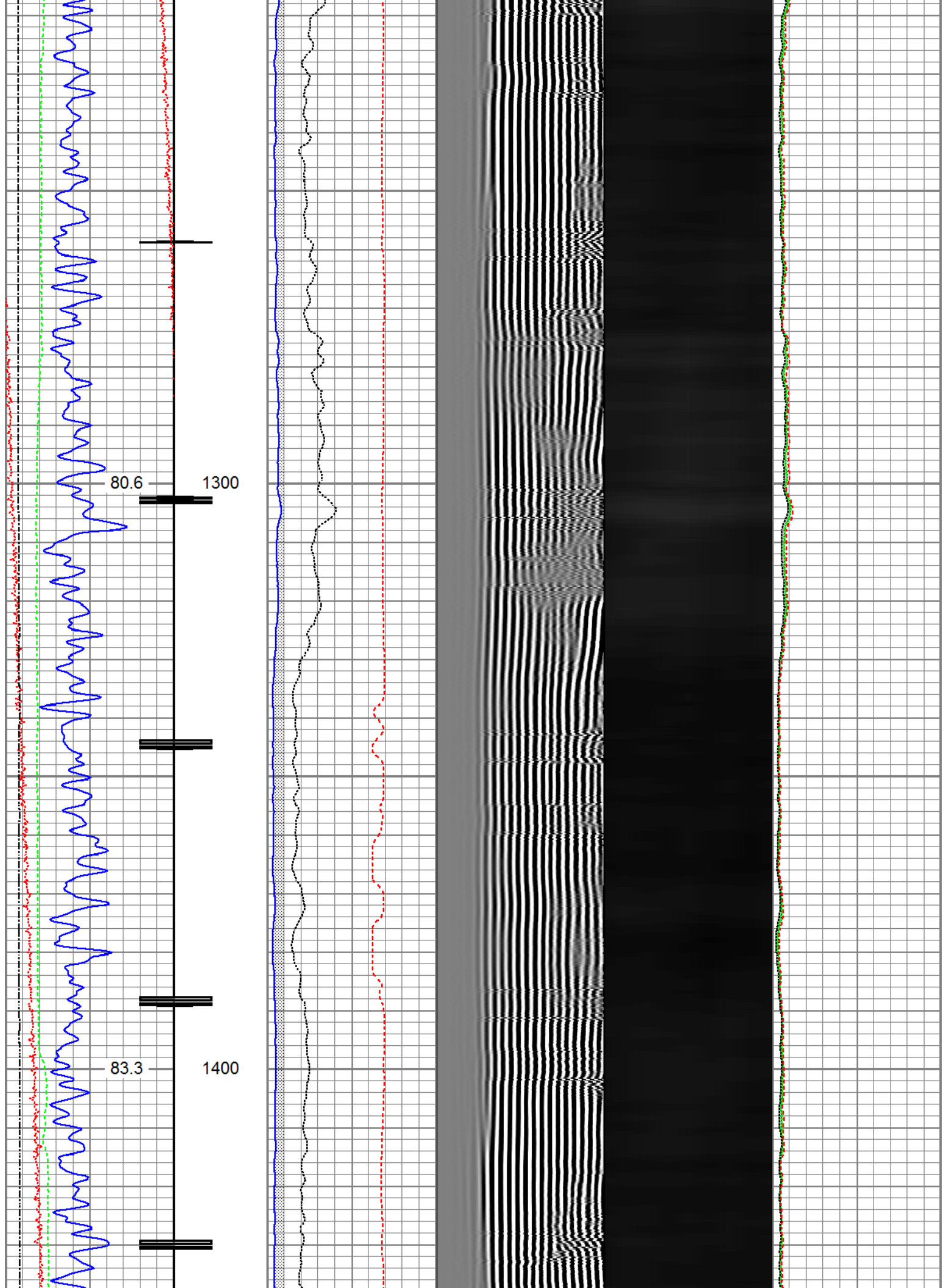


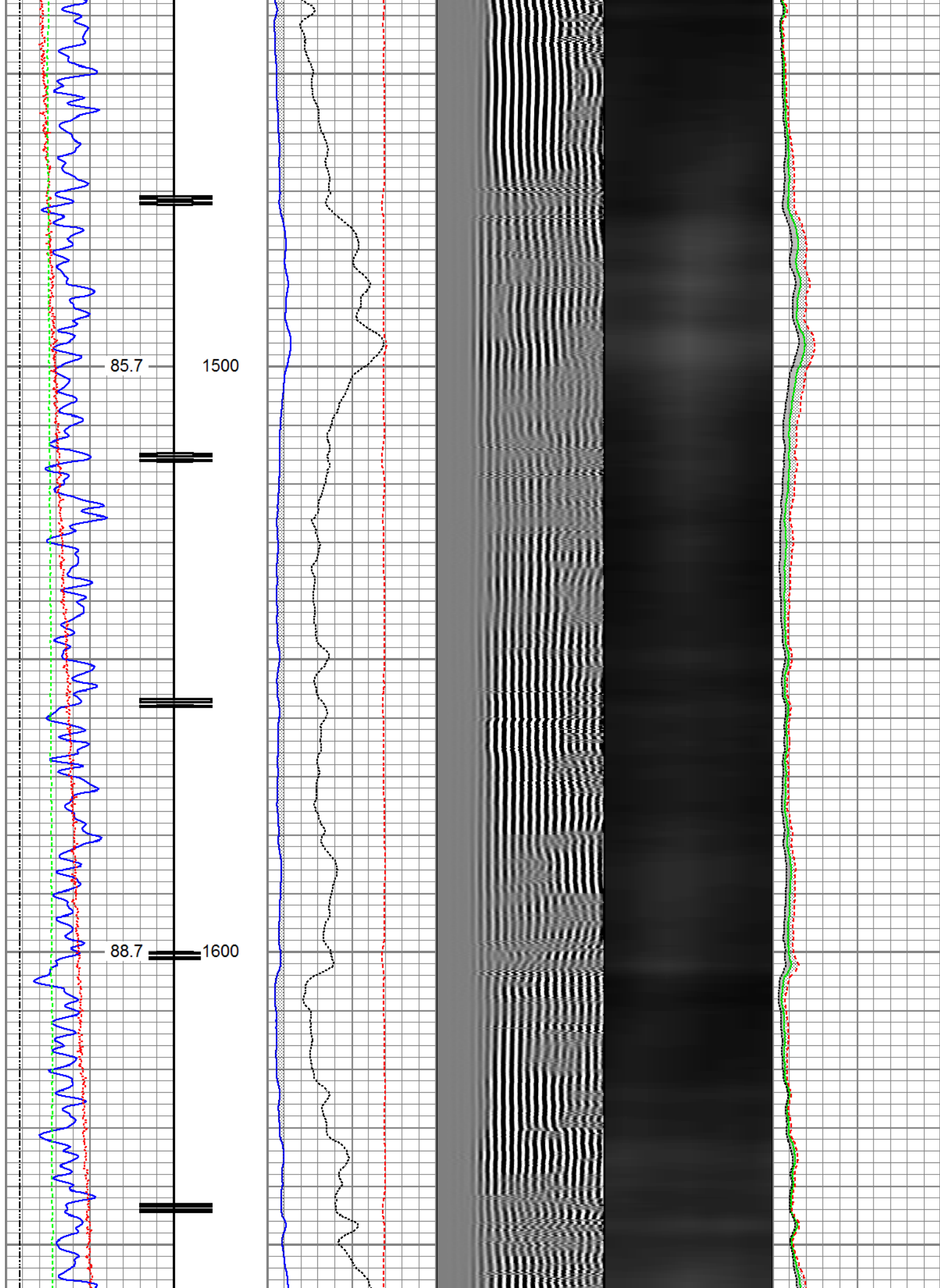


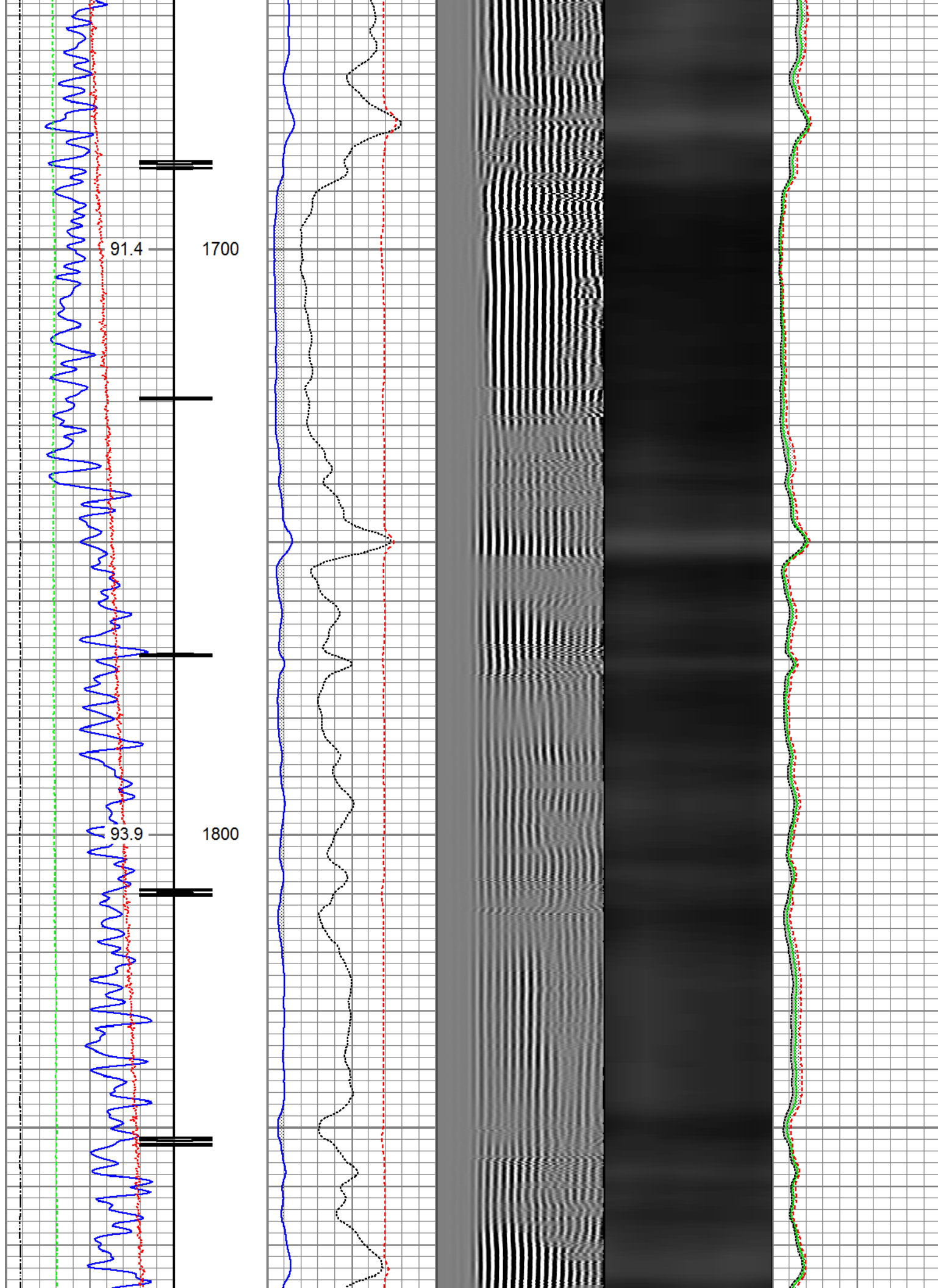


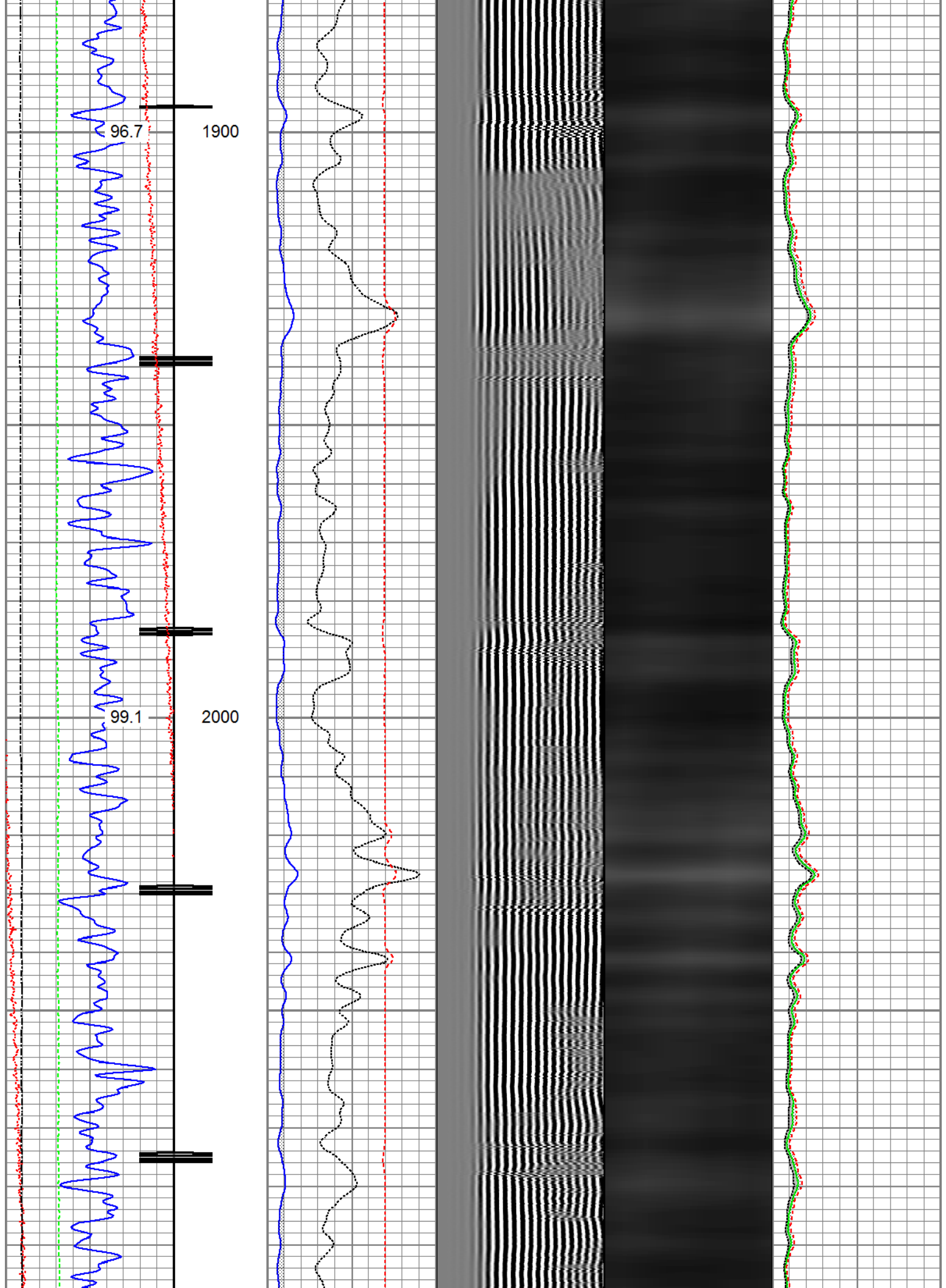


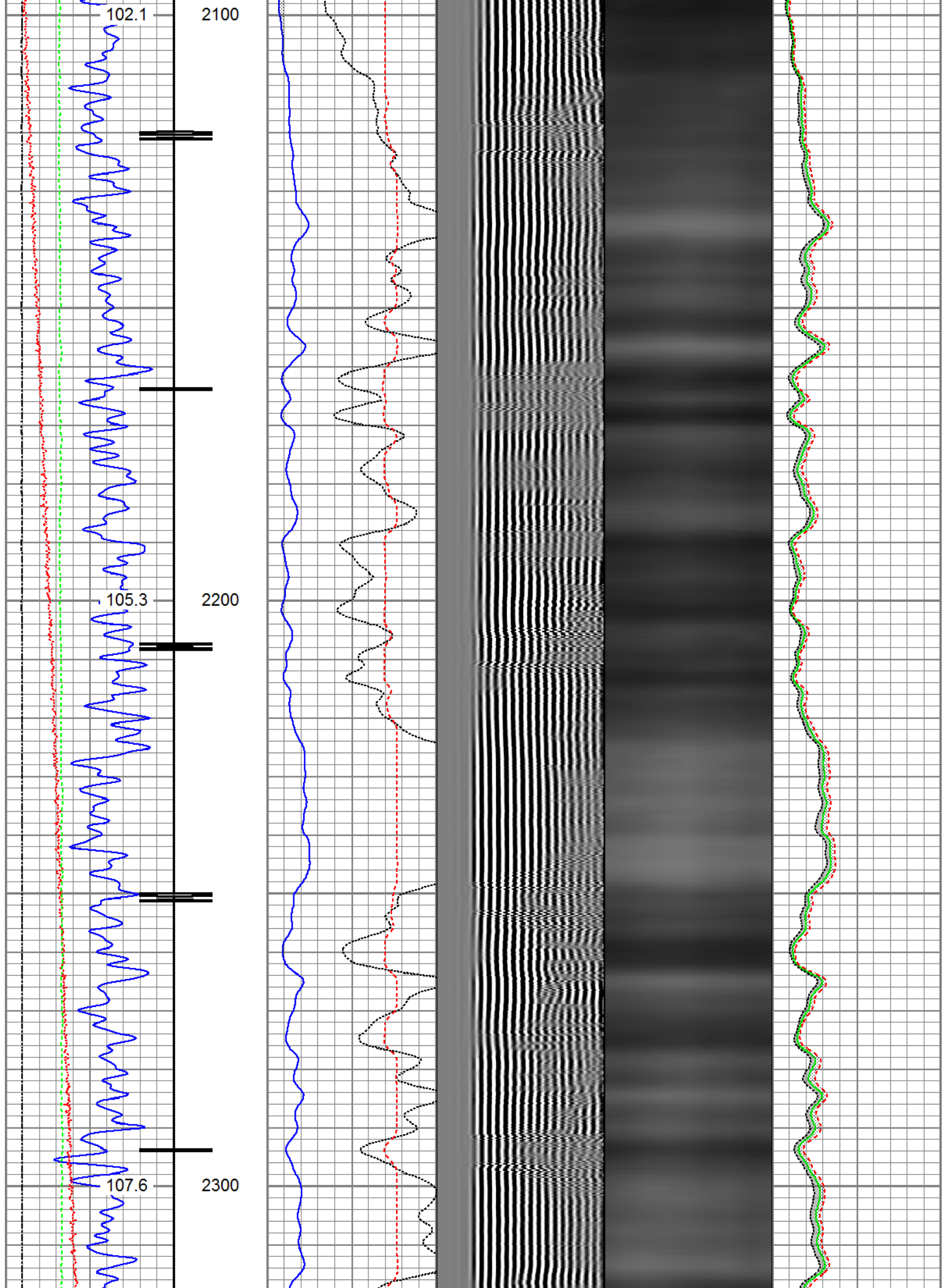


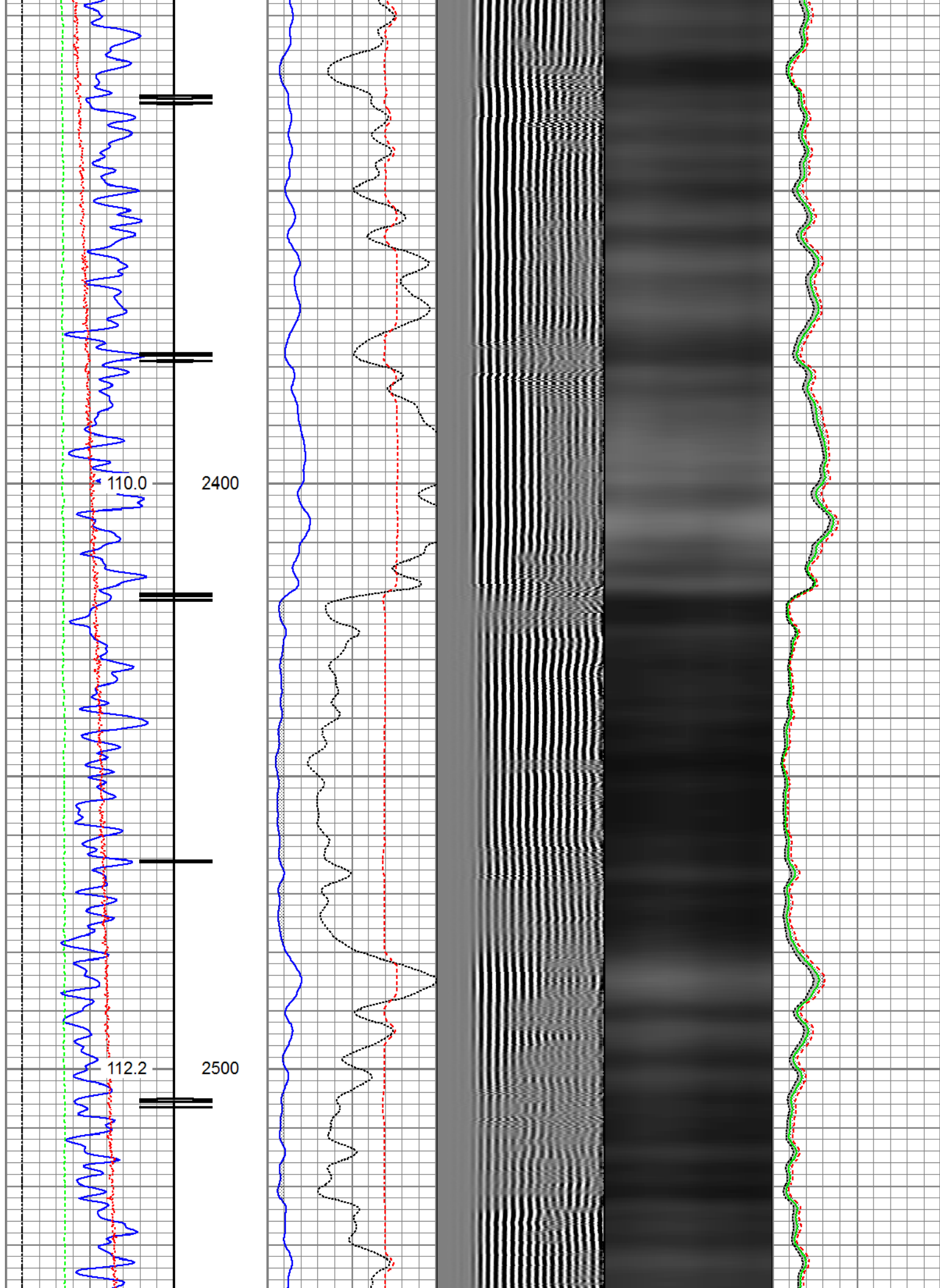


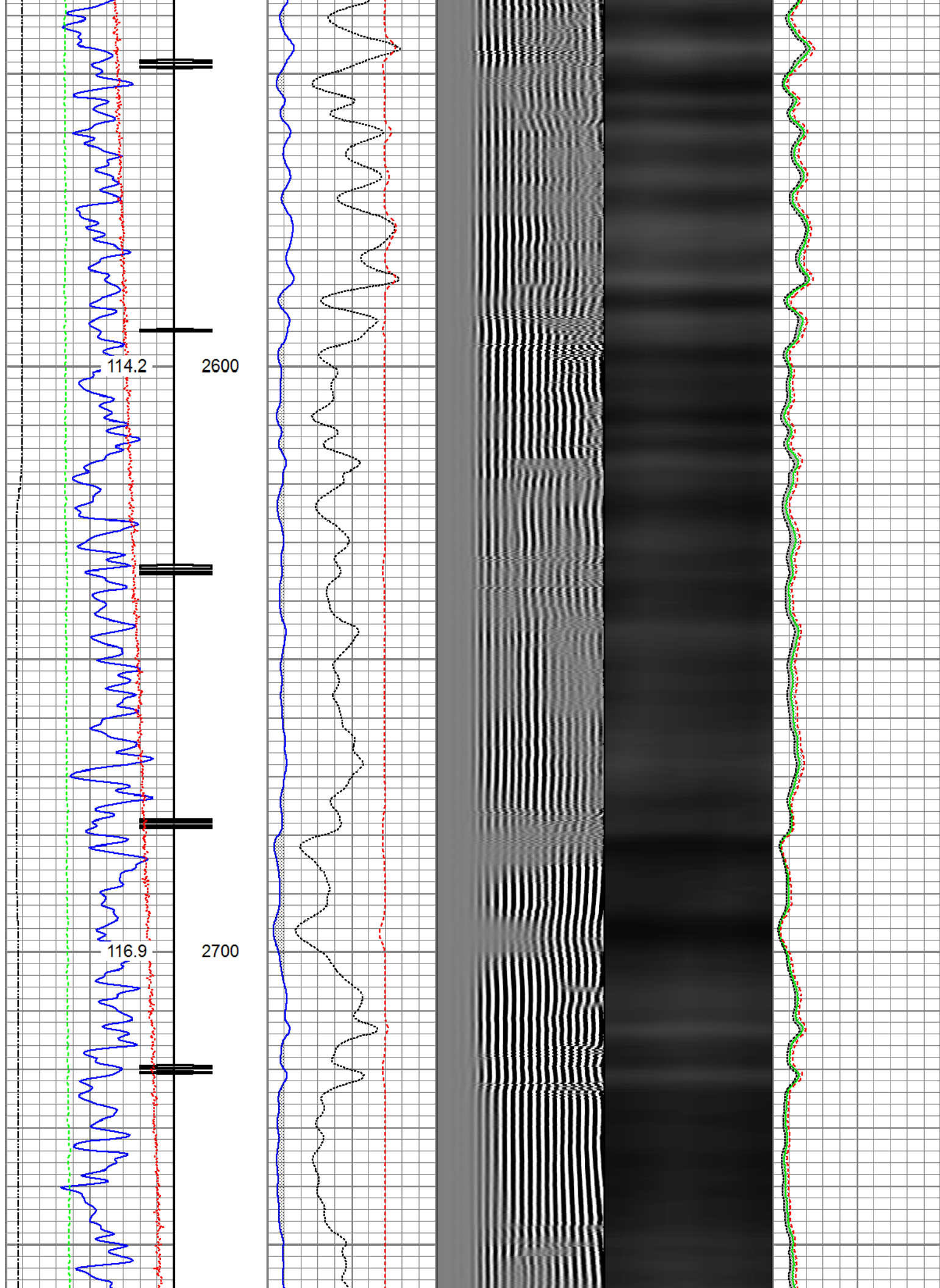


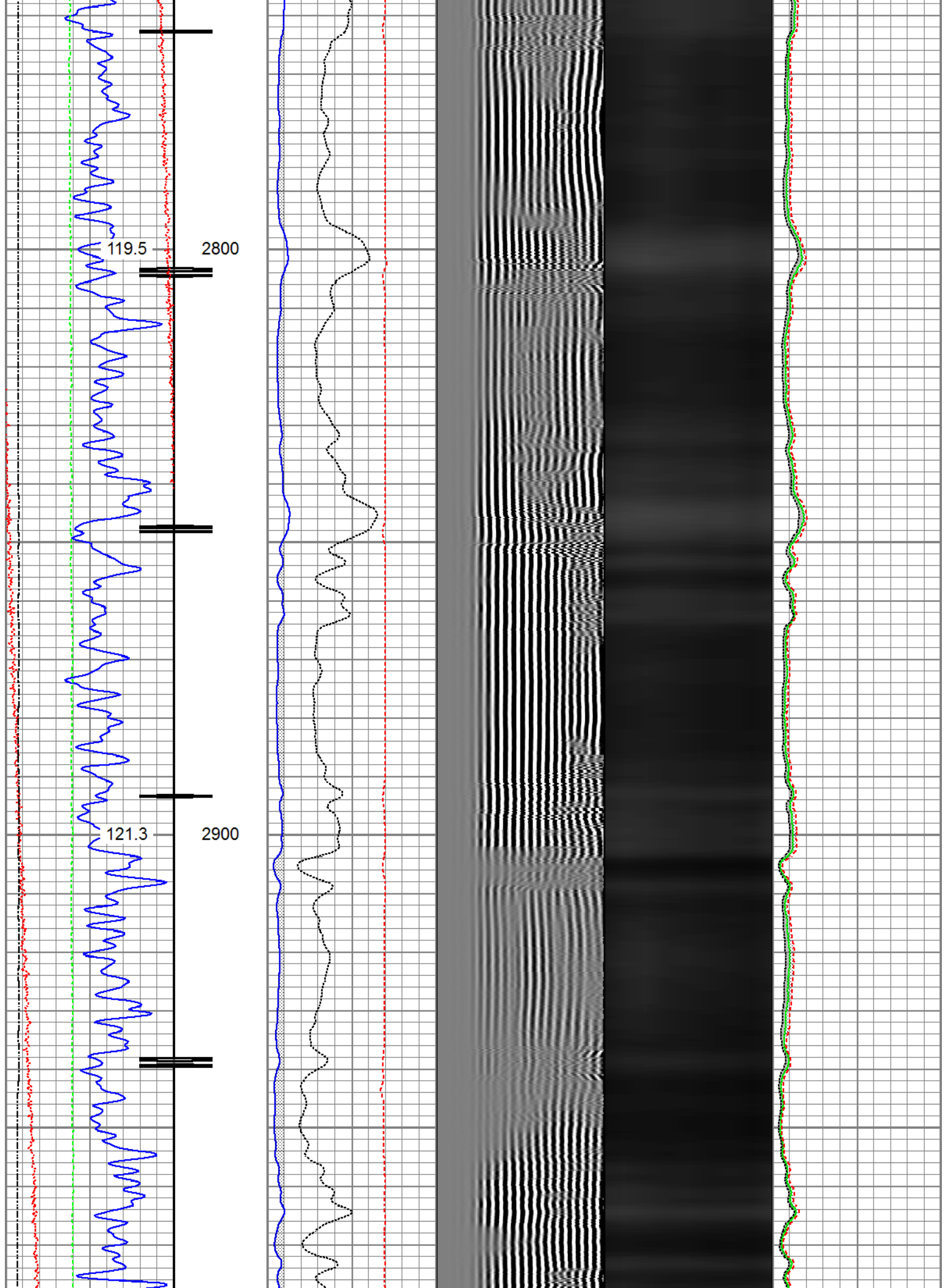


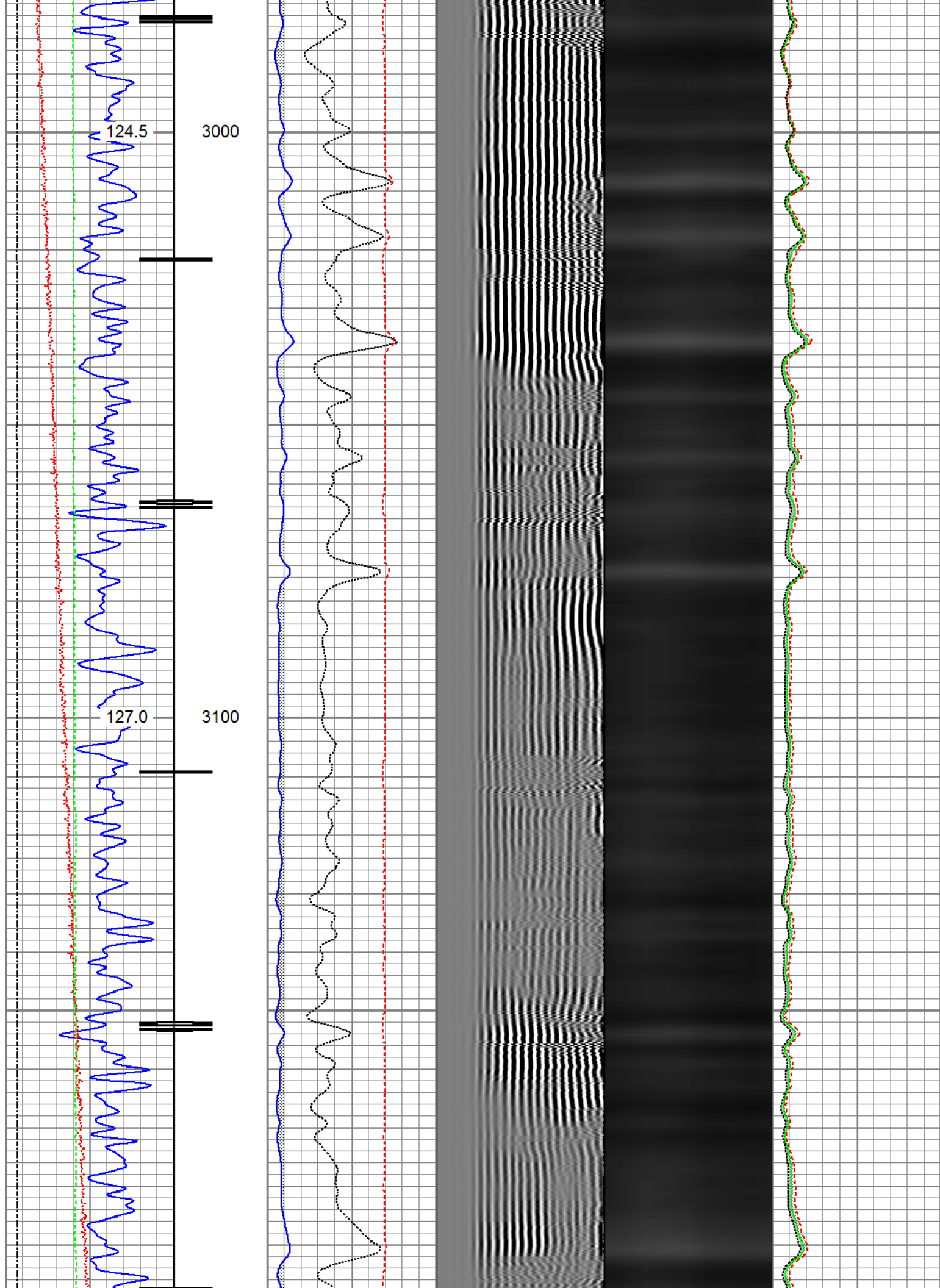


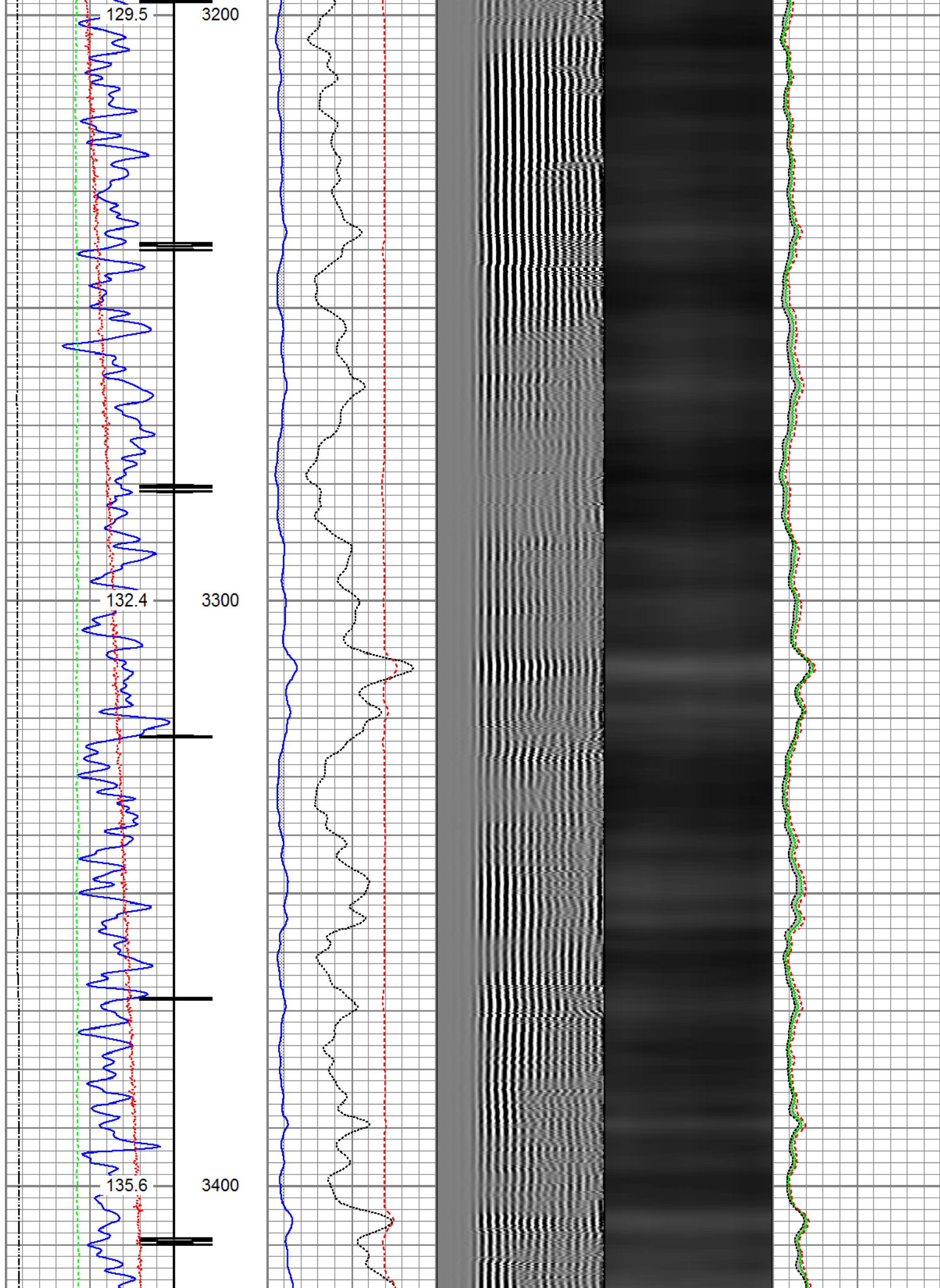


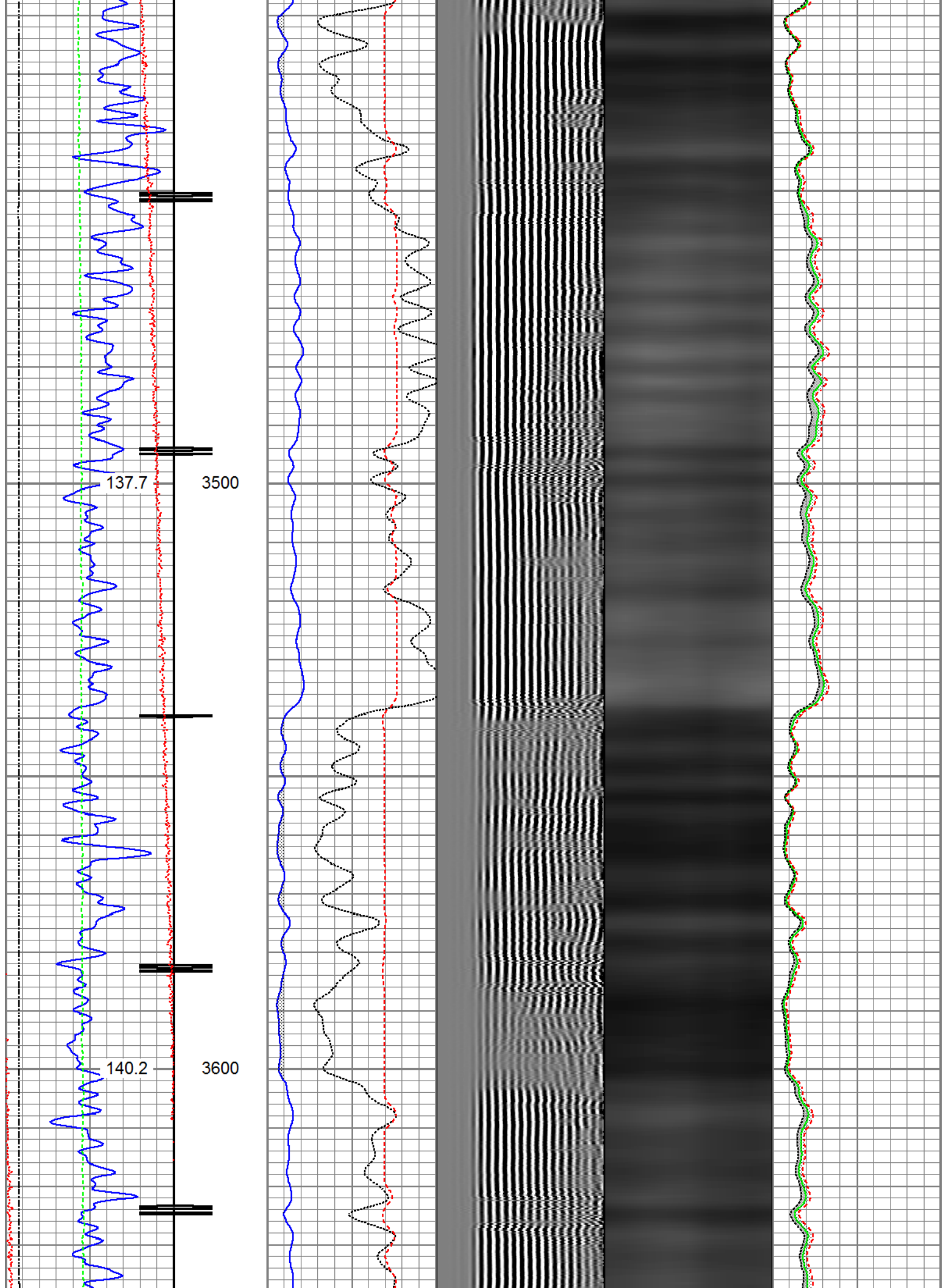


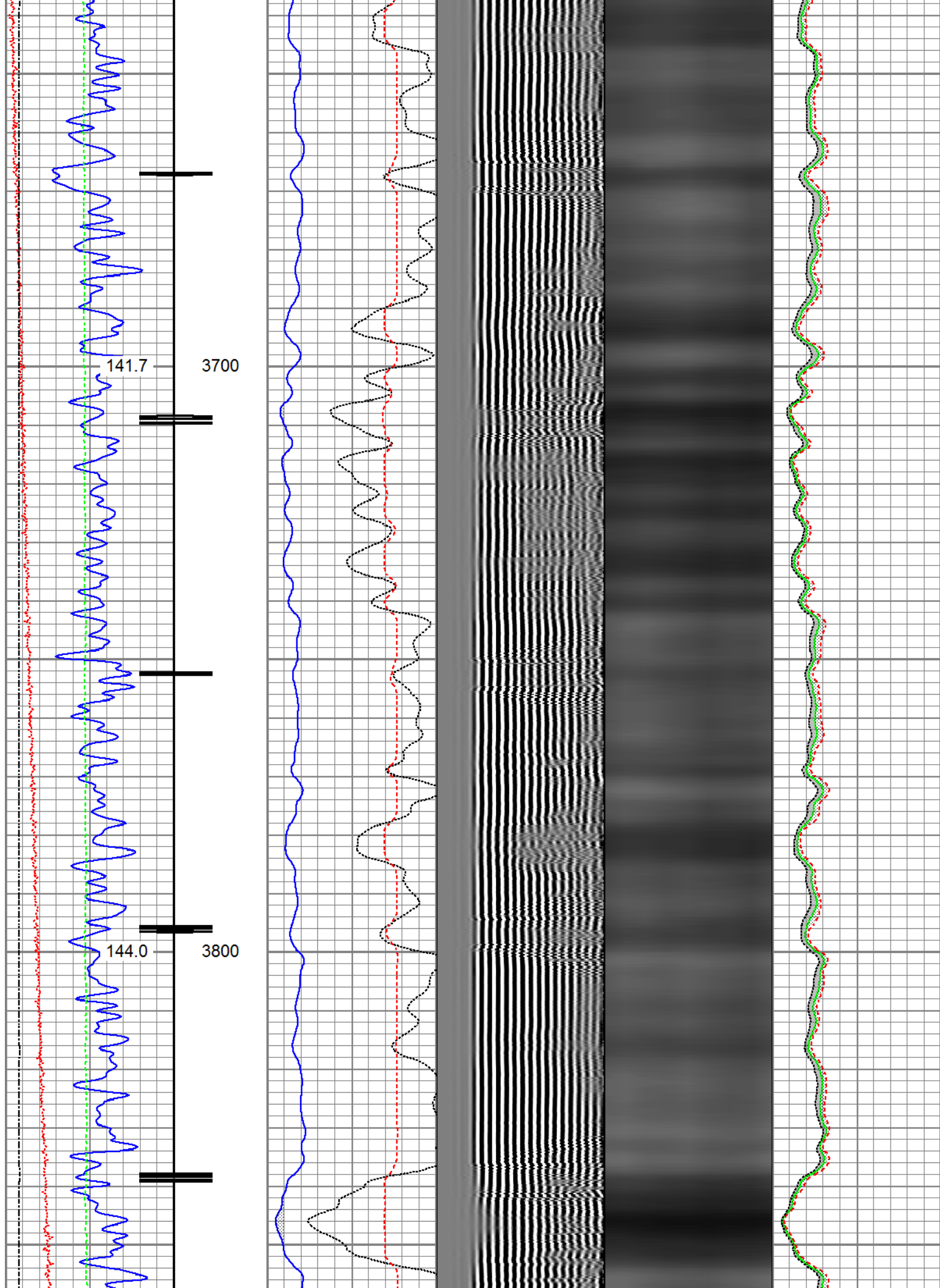


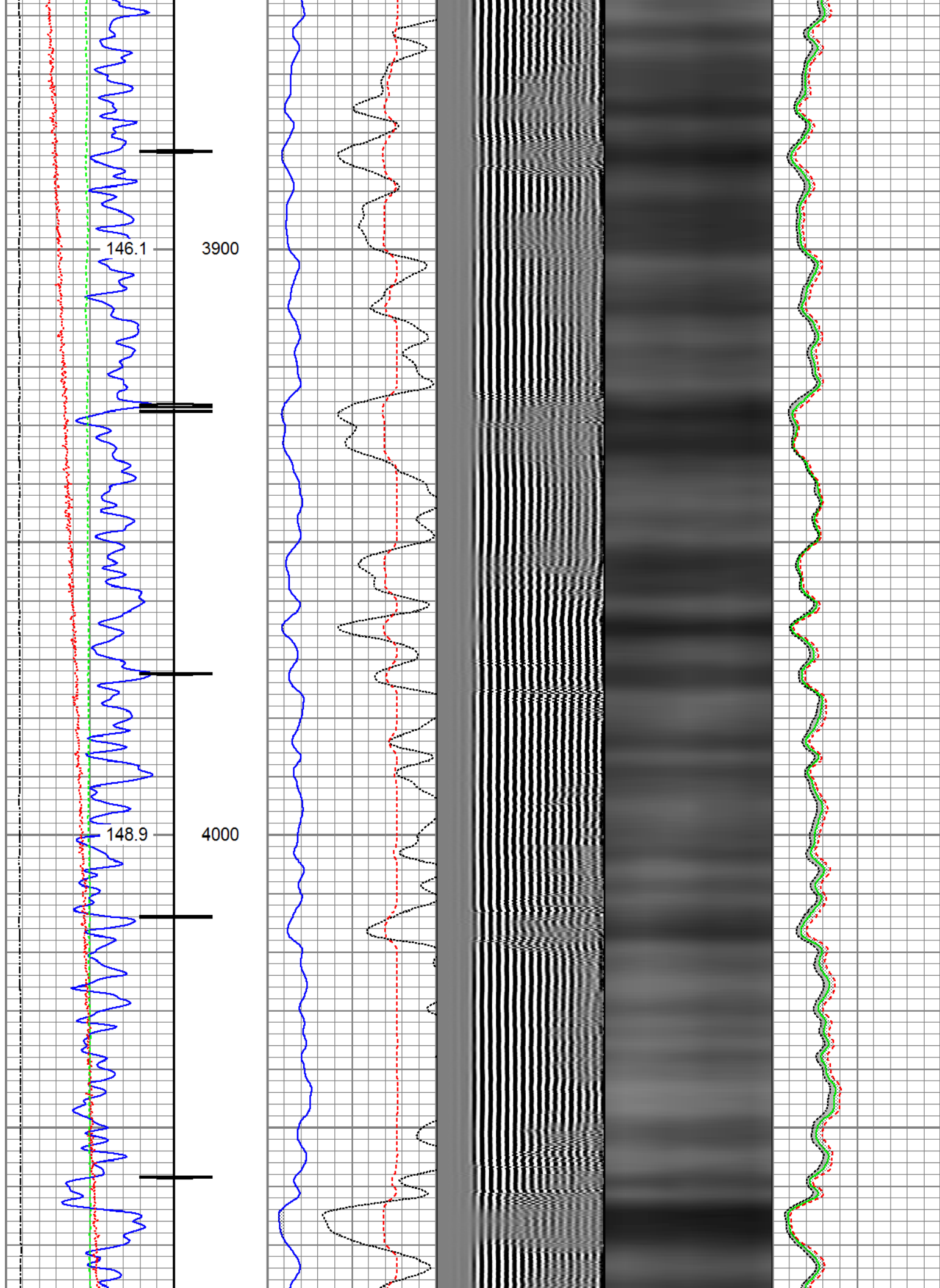


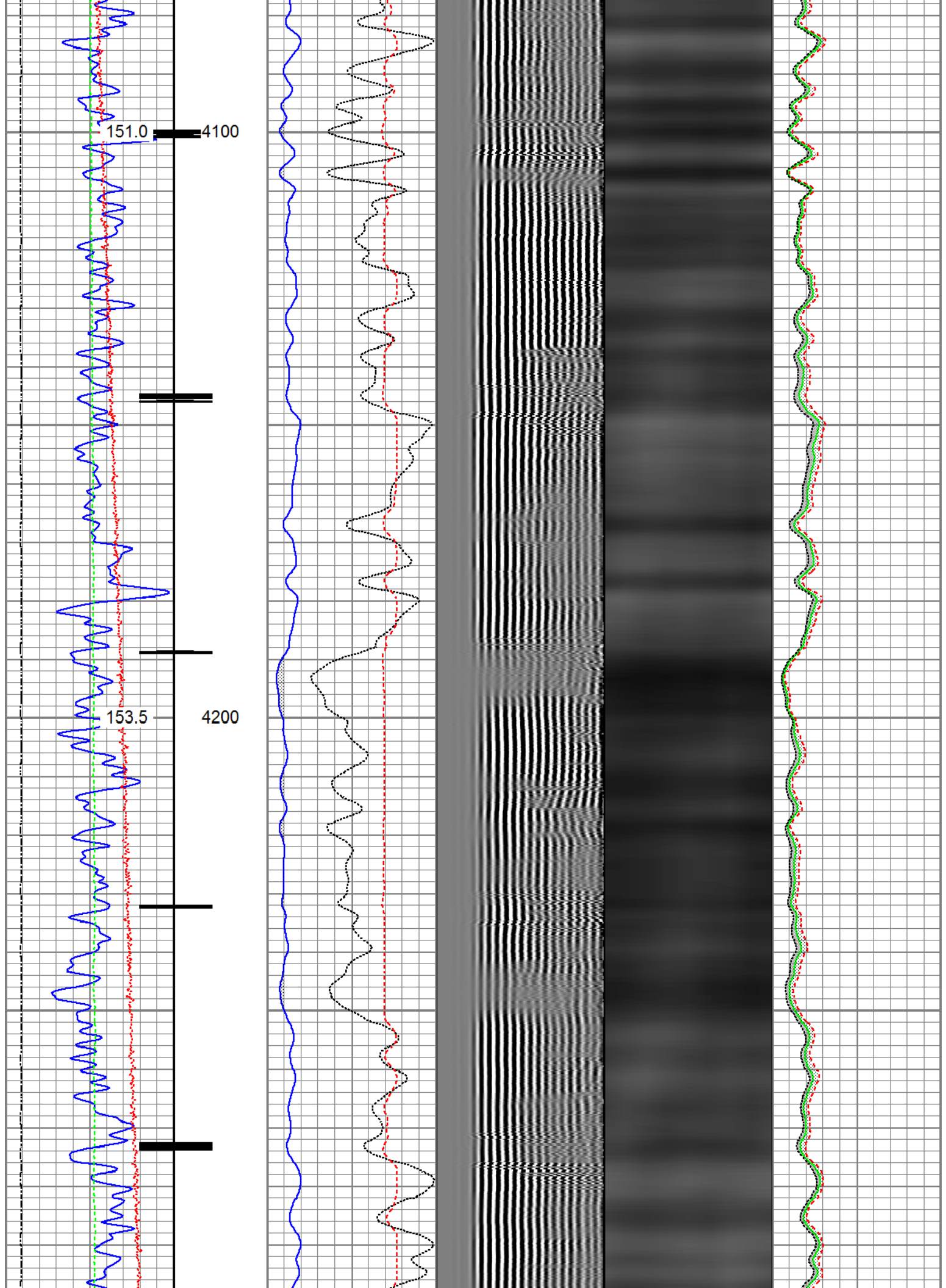


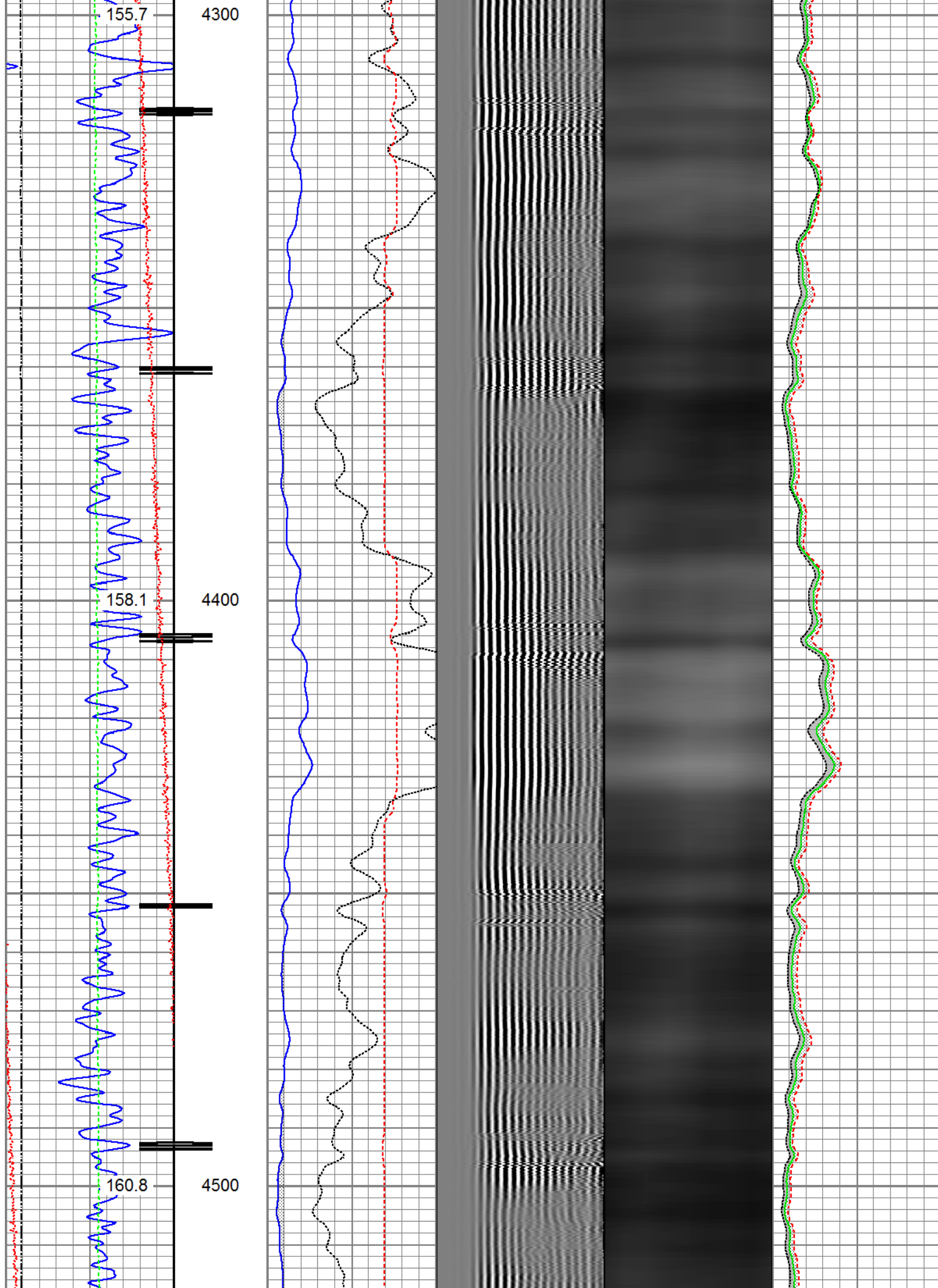


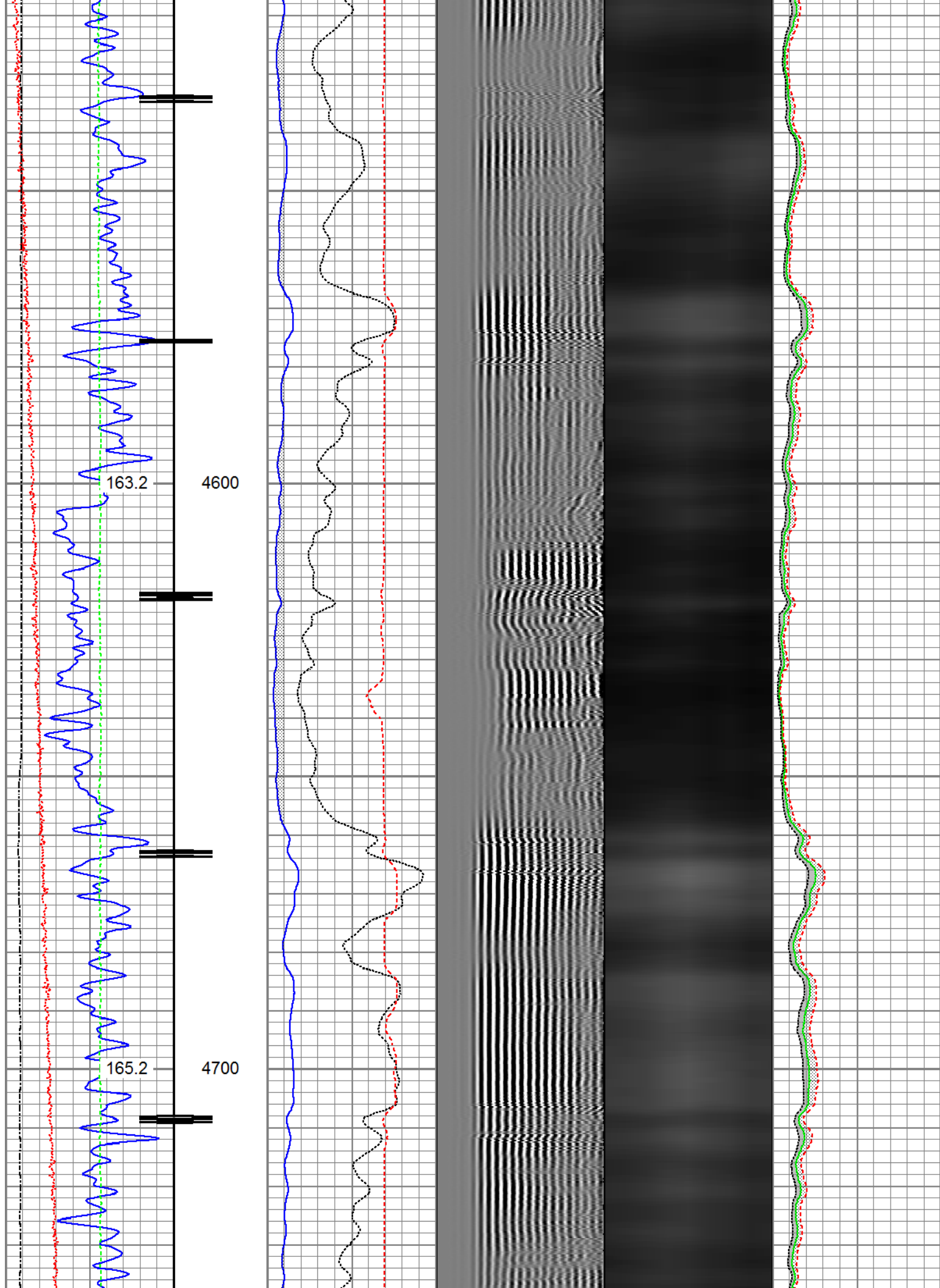


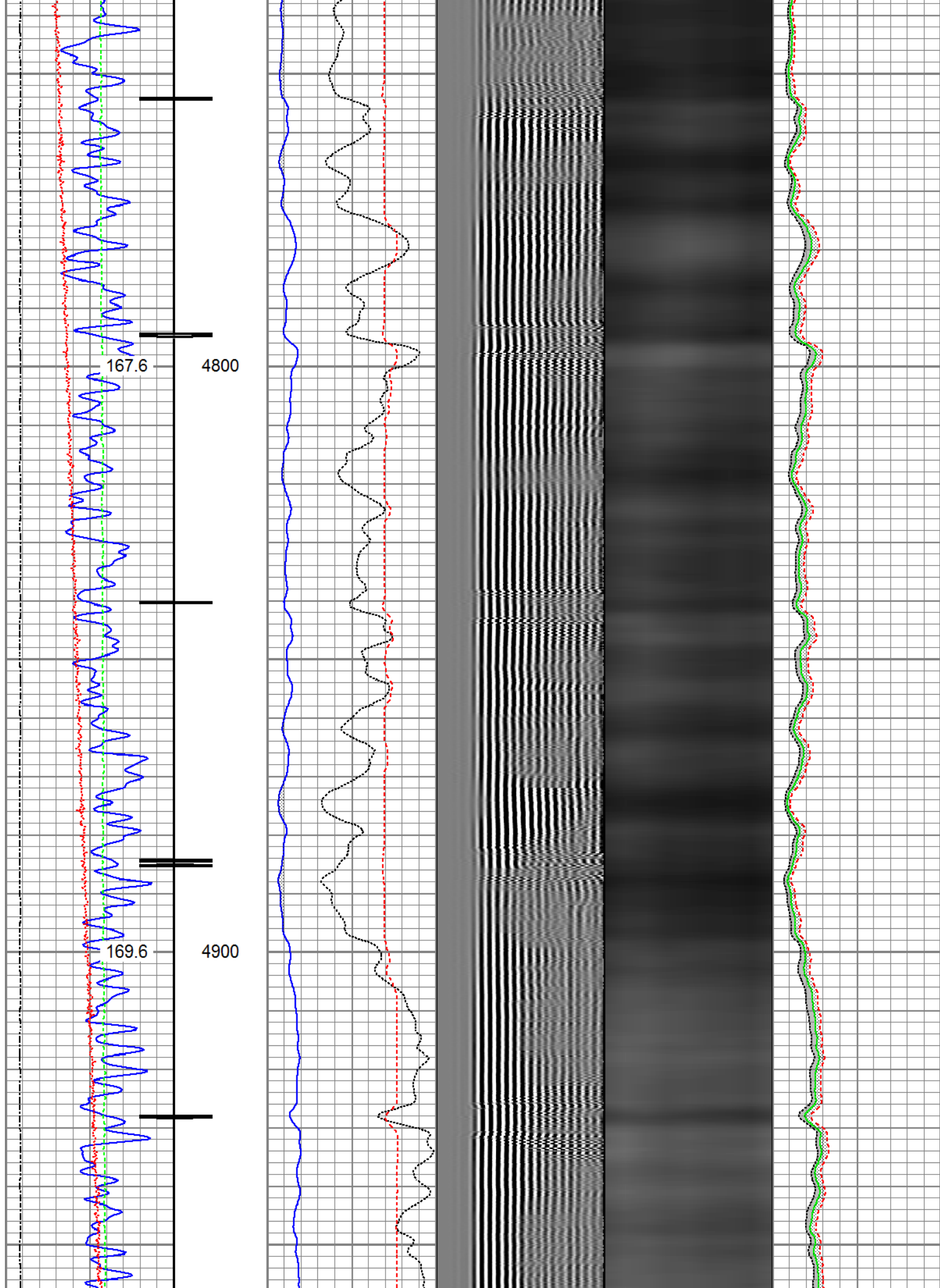


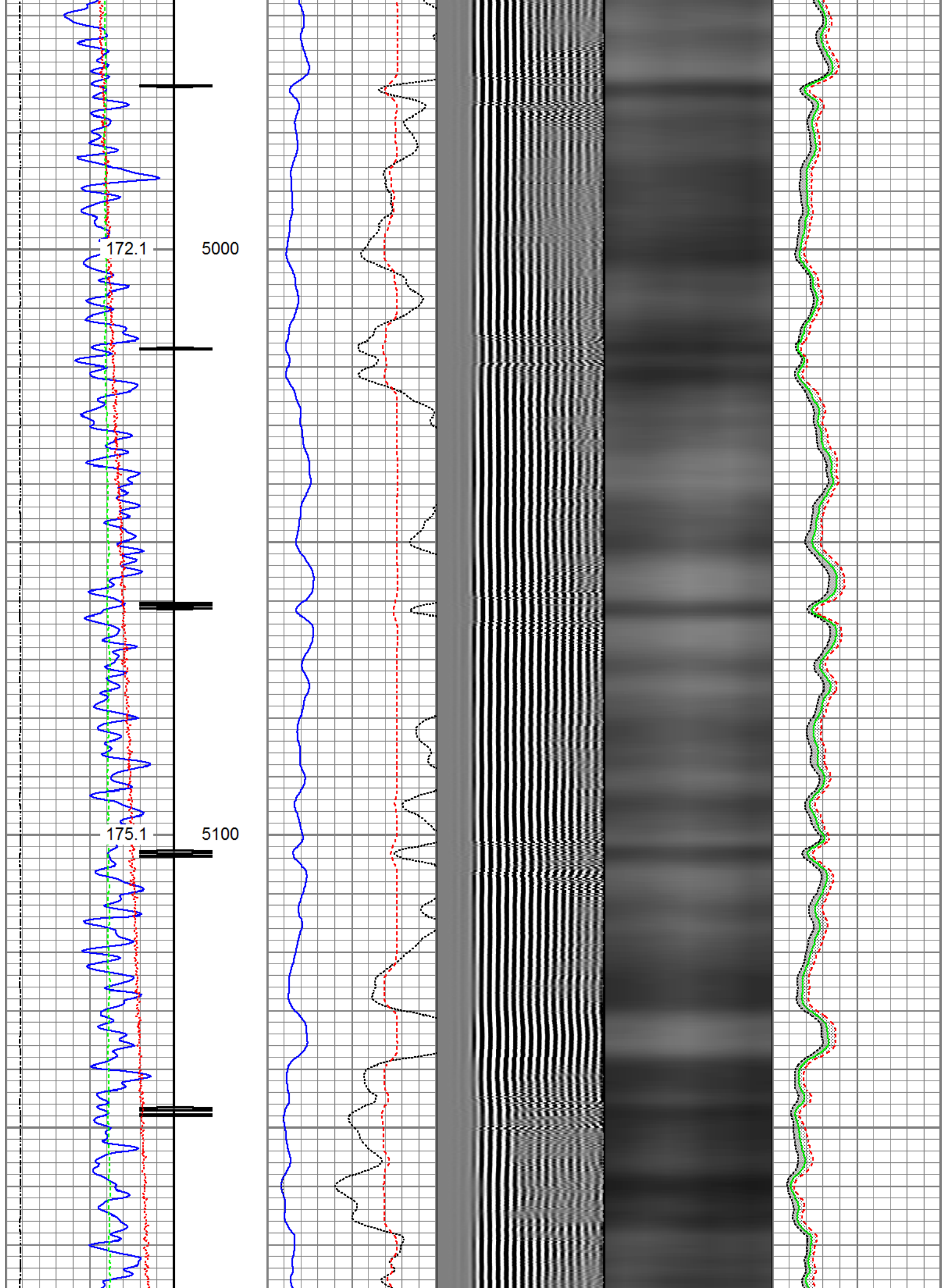


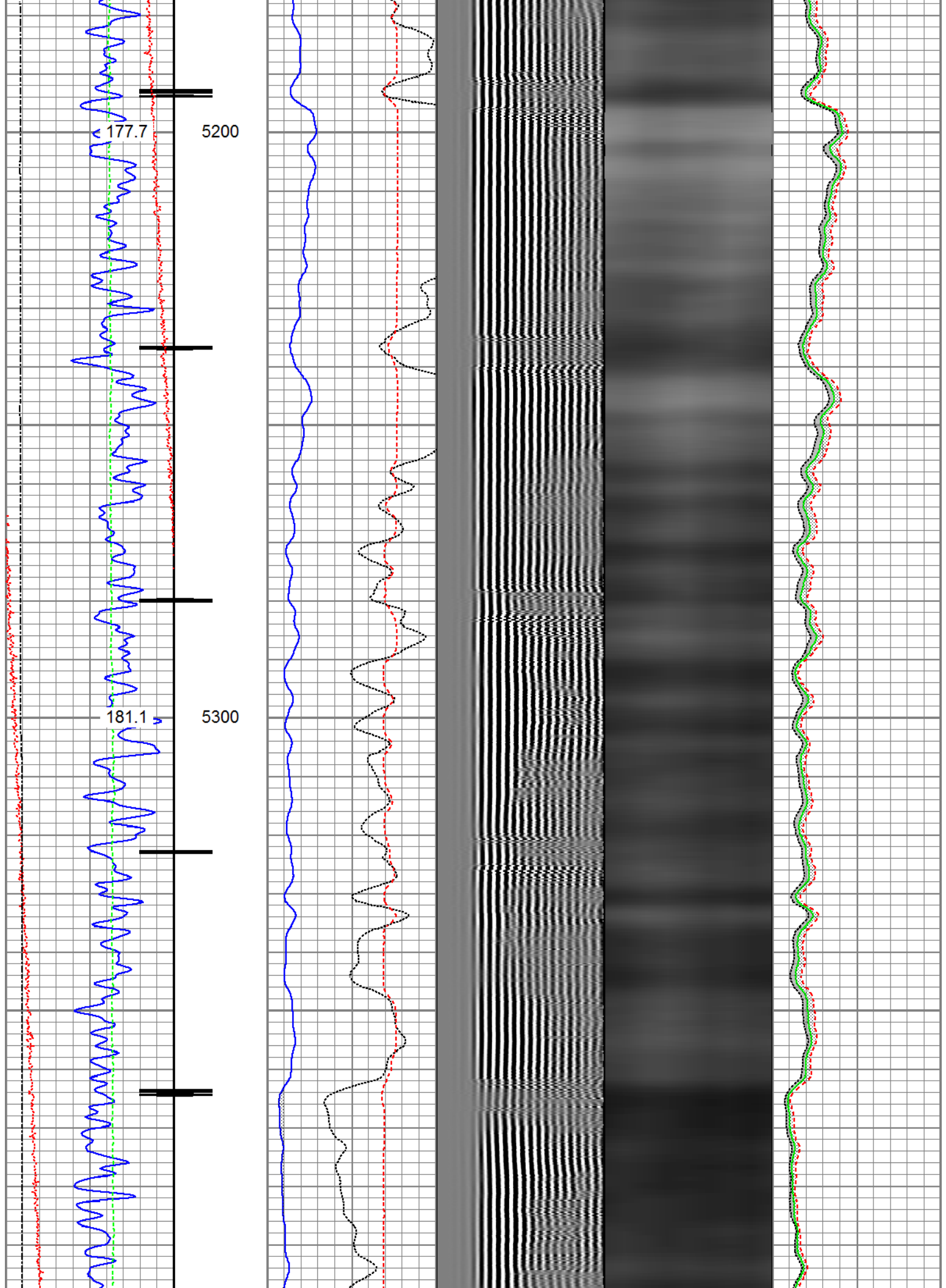


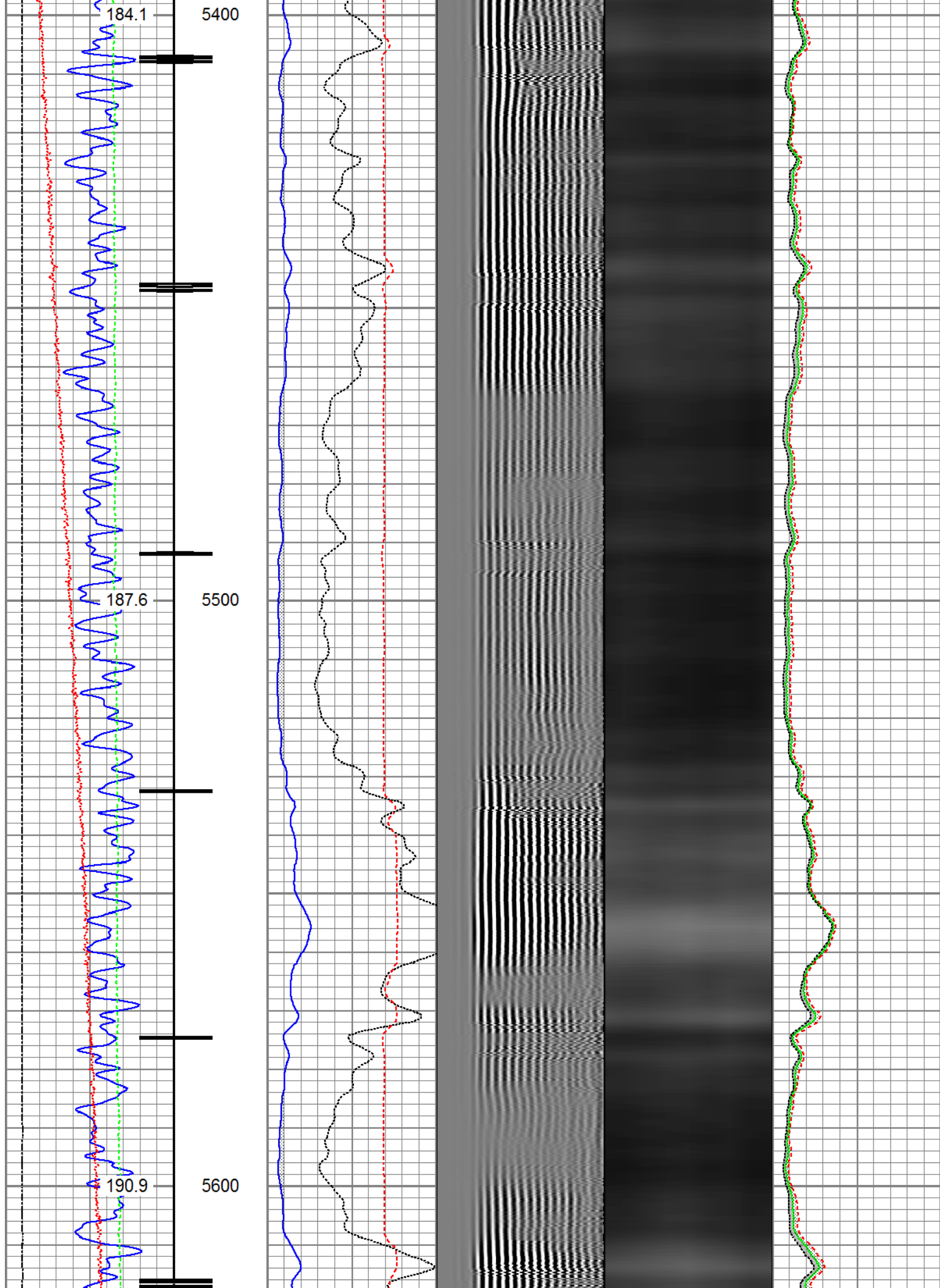


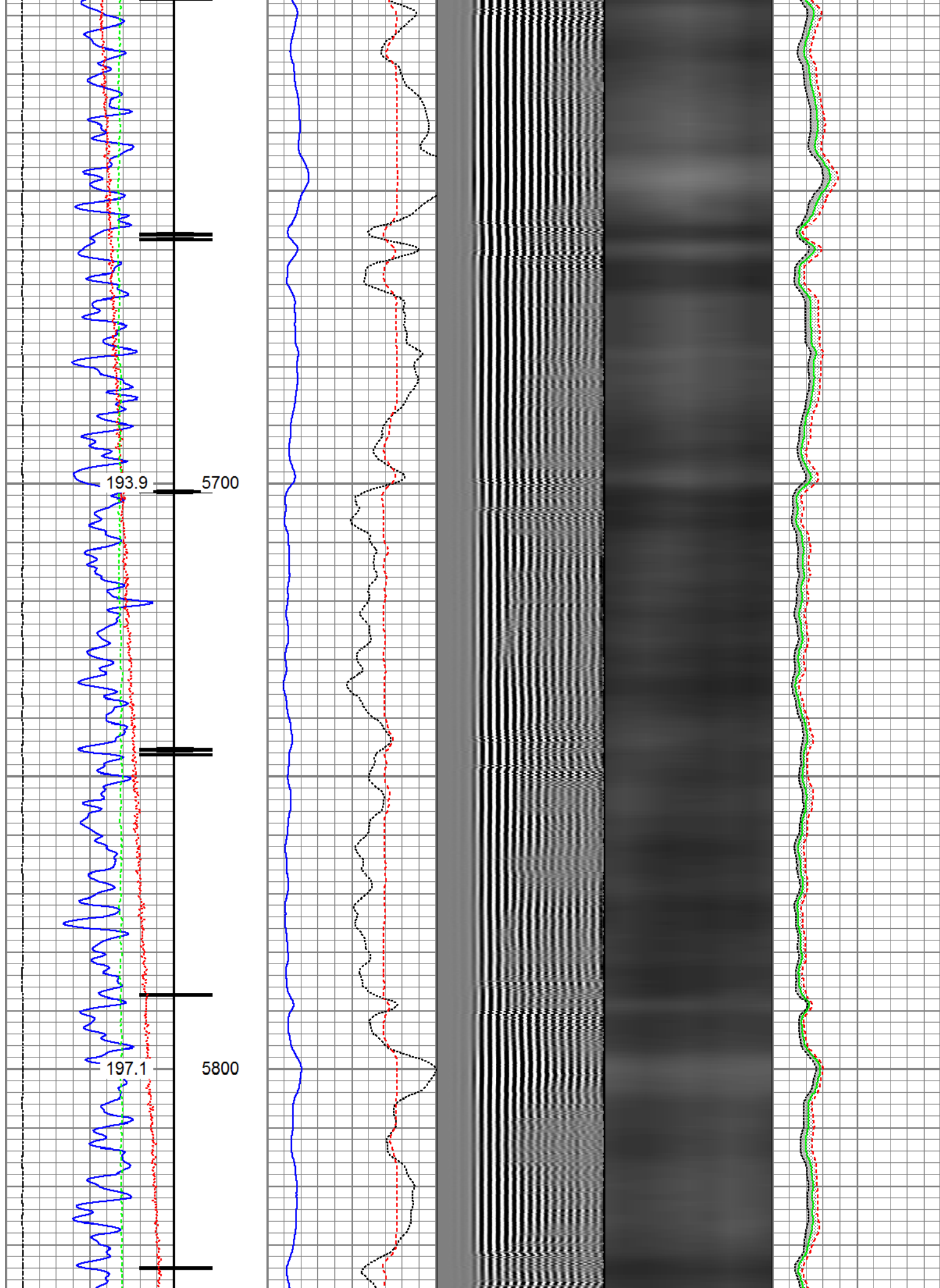


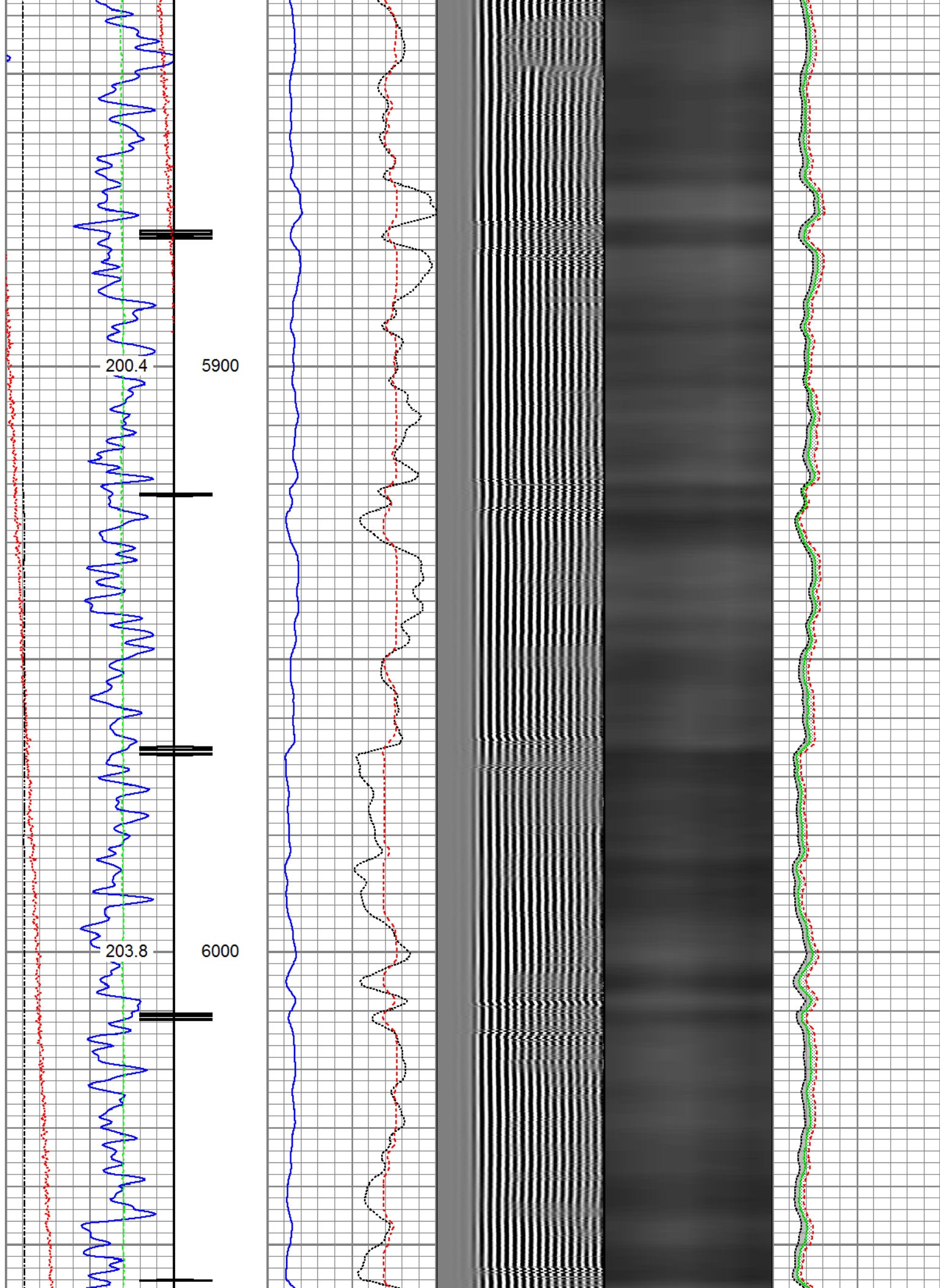


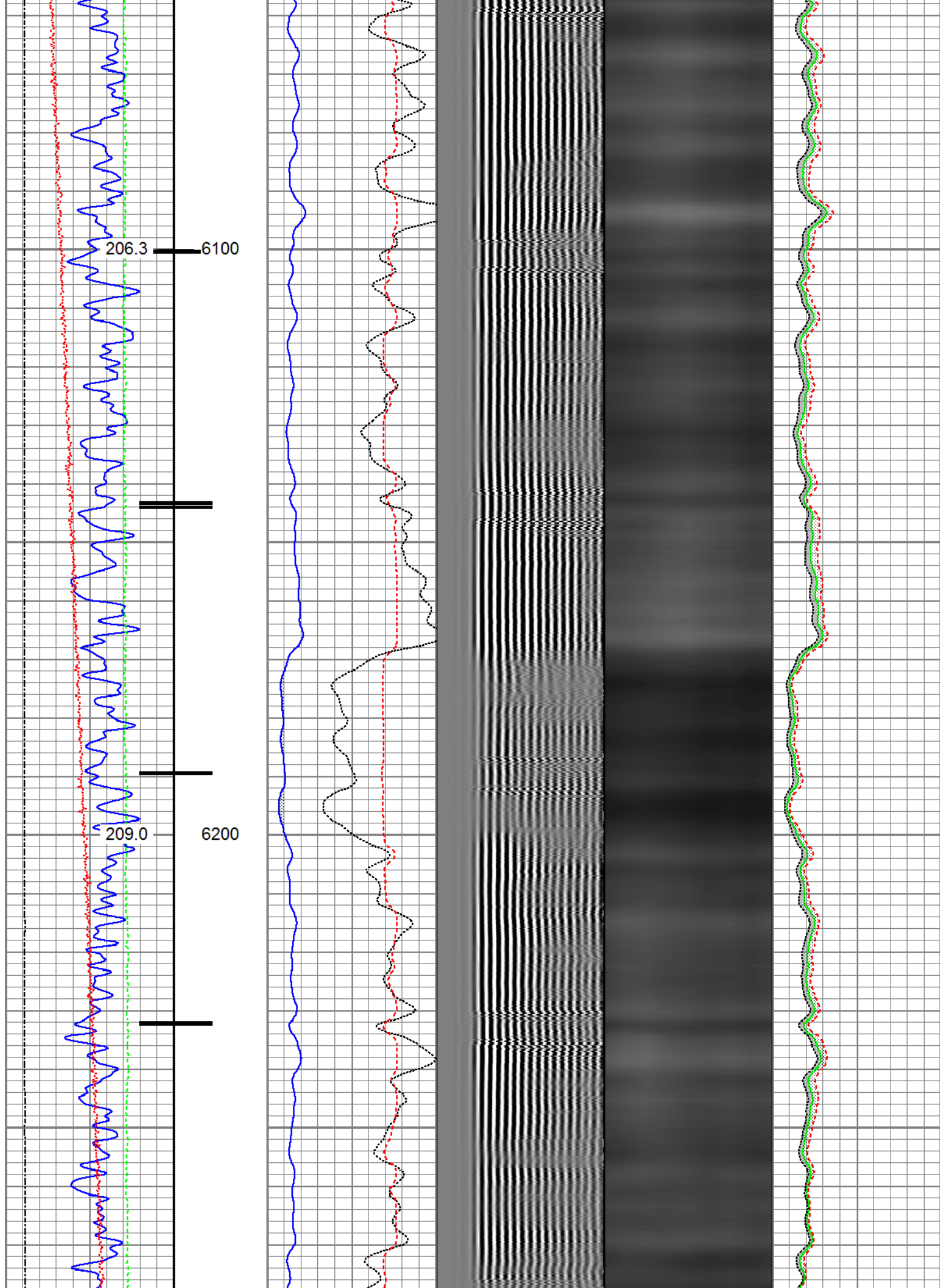


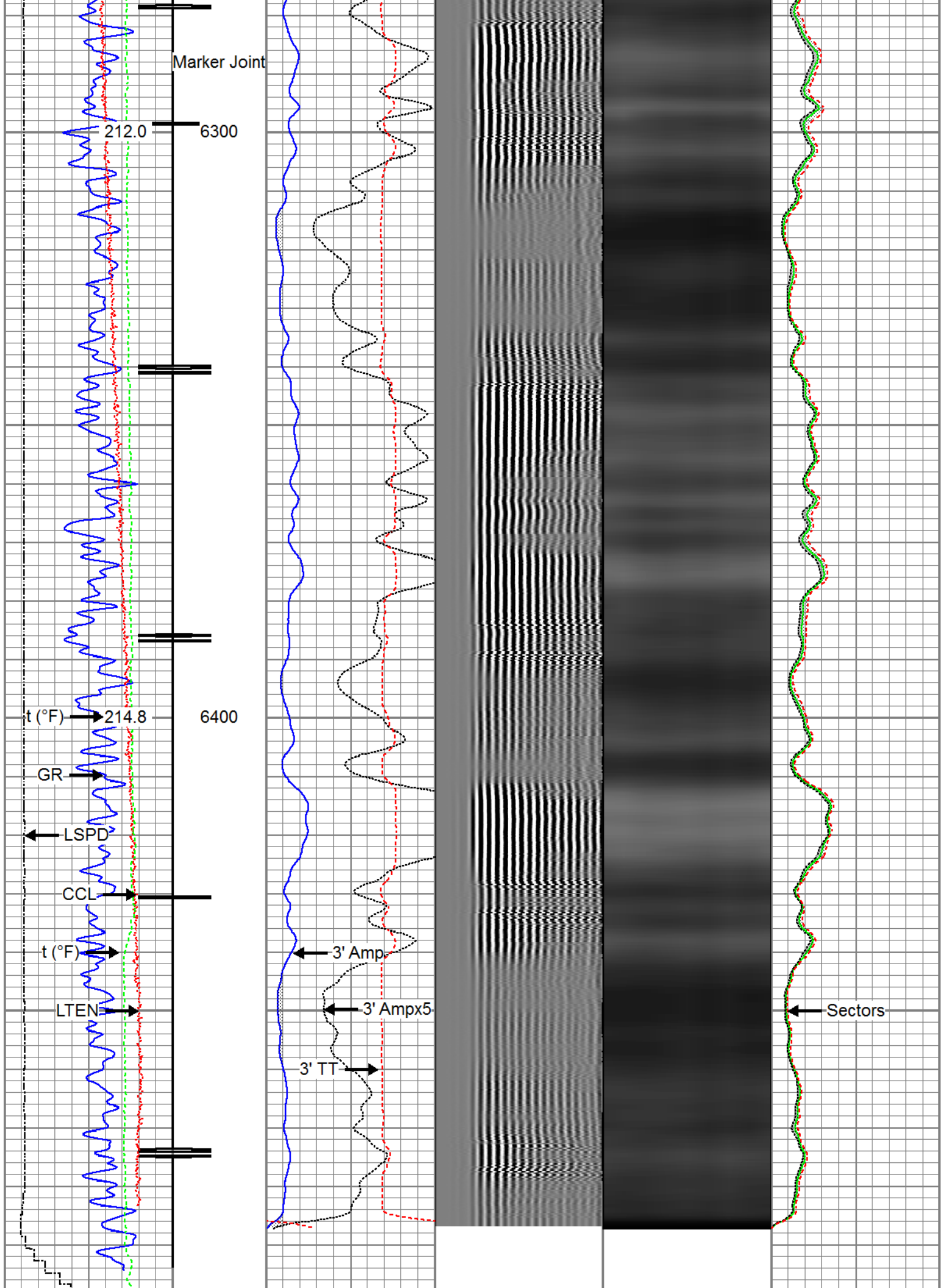












Gamma Ray 0 (GAPI) 120	6500	3' Amplitude 0 (mV) 100	5' Variable Density Log 200 1200	Sector Map	Average Amplitude 0 100
Casing Collar Locator		3' Amplitude x 5 0 (mV) 20			Minimum Amplitude 0 100
Temperature 0 (degF) 20		3' Travel Time 650 (usec) 150			Maximum Amplitude 0 100
Line Speed -150 (ft/min) 150					
Line Tension 0 (lb) 2000					

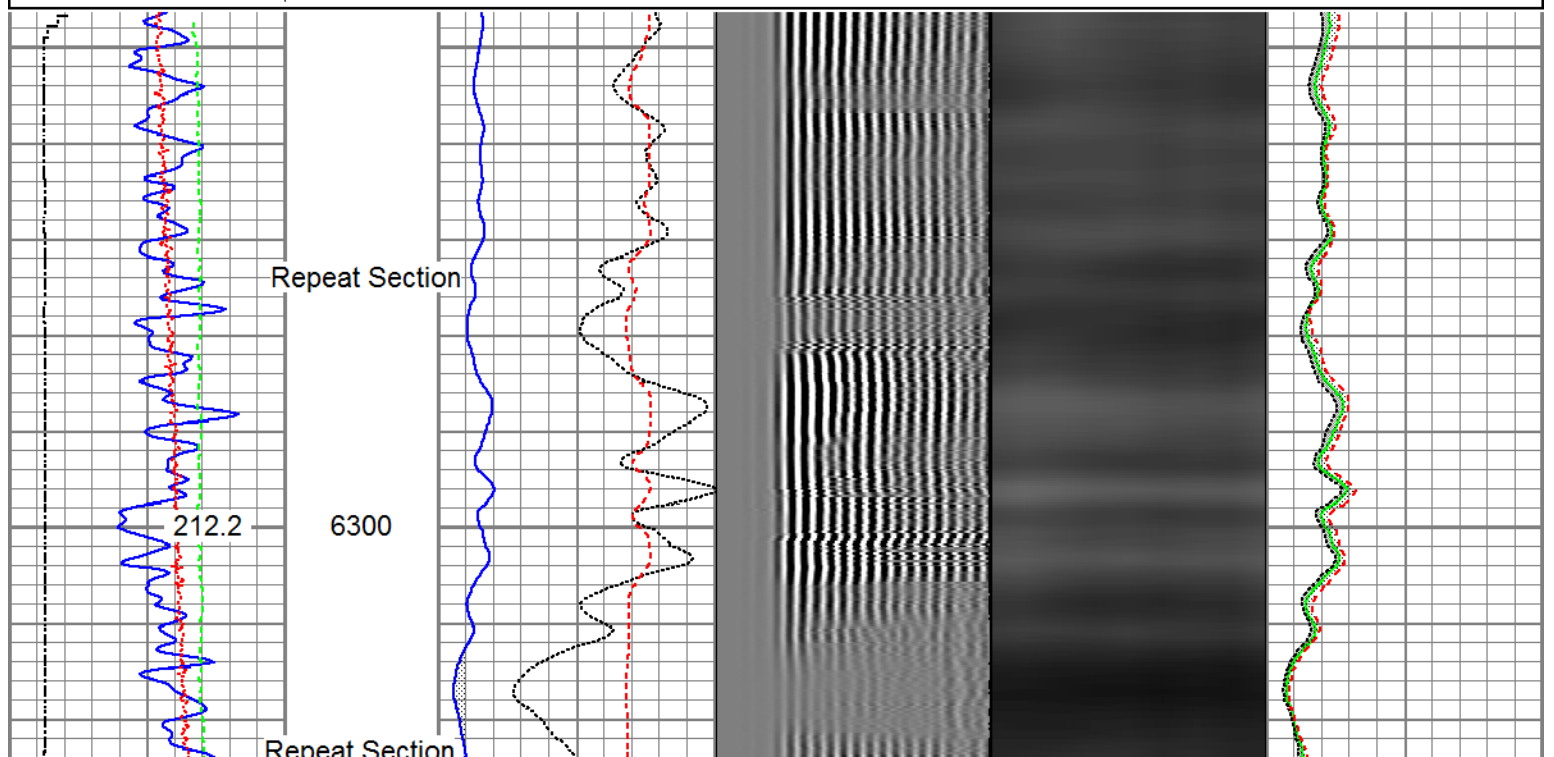


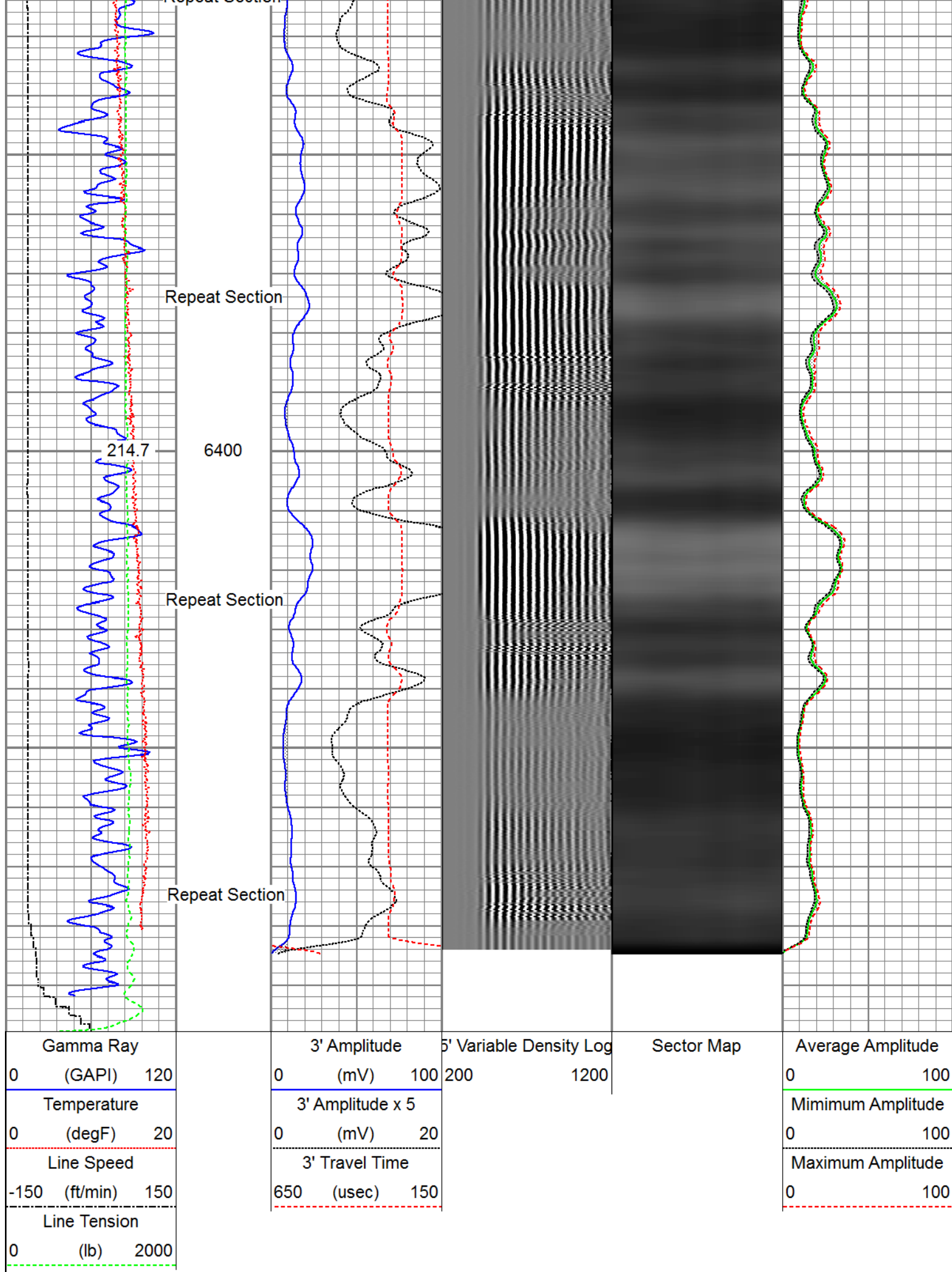
Repeat Pass

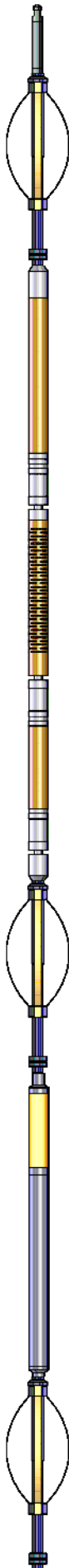
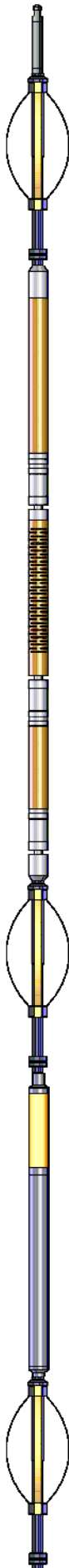
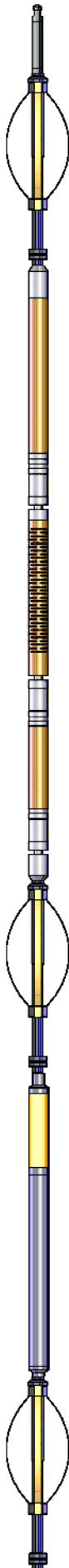
Recorded with 2500 PSI Surface Induced Pressure

Database File synergy_orr_state_23n_35c_m_17_april_2017_rbl.1\processed_synergy_orr state 23n-35c-m_04-17
Dataset Pathname Repeat.1
Presentation Format ros_radrii
Dataset Creation Mon Apr 24 15:25:19 2017
Charted by Depth in Feet scaled 1:240

Gamma Ray 0 (GAPI) 120		3' Amplitude 0 (mV) 100	5' Variable Density Log 200 1200	Sector Map	Average Amplitude 0 100
Temperature 0 (degF) 20		3' Amplitude x 5 0 (mV) 20			Minimum Amplitude 0 100
Line Speed -150 (ft/min) 150		3' Travel Time 650 (usec) 150			Maximum Amplitude 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 Electric Cable Head with 1" Fishing Neck	1.03	1.69	5.40
			Probe_ELine_BowSpring_Centralizer-P_EB52.8875 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.8875	2.75	20.00
			Probe_RADII-C-P_RBT_2750 (FW1305-0989.19) Probe 2-3/4" Sector Cement Bond Tool with Temperature Probe	9.19	2.75	105.00
DCCL CCL	6.51		Probe_ELine_BowSpring_Centralizer-P_EB52.8875 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.8875	2.75	20.00
	6.51		Probe_GR_CCL-P_CGR_2750_S (FW13074.54) Probe 2-3/4" Digital CCL / Gamma Ray Combined	7.54	2.75	55.00
GR	3.77		Probe_ELine_BowSpring_Centralizer-P_EB52.8875 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.8875	2.75	20.00

Calibration Report	
Database File	c:\programdata\warrior\data\synergy_orr_state_23n_35c_m_17_april_2017_rbl.1\processed_synergy_
Dataset Pathname	Main.1
Dataset Creation	Mon Apr 17 11:58:29 2017

Gamma Ray Calibration Report

Serial Number:	FW1307-038	
Tool Model:	P_CGR_2750_S	
Performed:	Thu Nov 10 10:56:13 2016	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.6	cps
Sensitivity:	0.6300	GAPI/cps

Segmented Cement Bond Log Calibration Report
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Serial Number:	FW1305-098	
Tool Model:	P_RBT_2750	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	18.612	ft

Master Calibration, performed (Derived):						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.002	0.691	0.800	71.921	103.134	0.639
CAL	0.007	0.748				
5'	-0.021	0.527	0.800	71.921	129.849	3.508
SUM						
S1	0.002	0.722	0.000	100.000	138.929	-0.245
S2	0.002	0.718	0.000	100.000	139.572	-0.246
S3	0.002	0.710	0.000	100.000	141.172	-0.243
S4	0.002	0.697	0.000	100.000	143.853	-0.273
S5	0.002	0.690	0.000	100.000	145.464	-0.311
S6	0.002	0.691	0.000	100.000	145.190	-0.314
S7	0.002	0.692	0.000	100.000	145.091	-0.334
S8	0.002	0.702	0.000	100.000	142.814	-0.274

Internal Reference Calibration, performed (Not Performed):						
	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.007	0.748	1.000	0.000

Air Zero Calibration, performed Mon Apr 17 06:41:31 2017:						
	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.007		0.000		-0.000	
5'	0.007		0.000		0.000	

SUM			
S1	0.007	0.000	-0.000
S2	0.007	0.000	-0.000
S3	0.007	0.000	-0.000
S4	0.007	0.000	-0.000
S5	0.007	0.000	0.000
S6	0.007	0.000	0.000
S7	0.007	0.000	0.000
S8	0.007	0.000	-0.000



RELIANCE
DILLFIELD SERVICES

Company Synergy Resources Corporation
Well Orr State 23N-35C-M
Field Wattenberg
County Weld
State Colorado