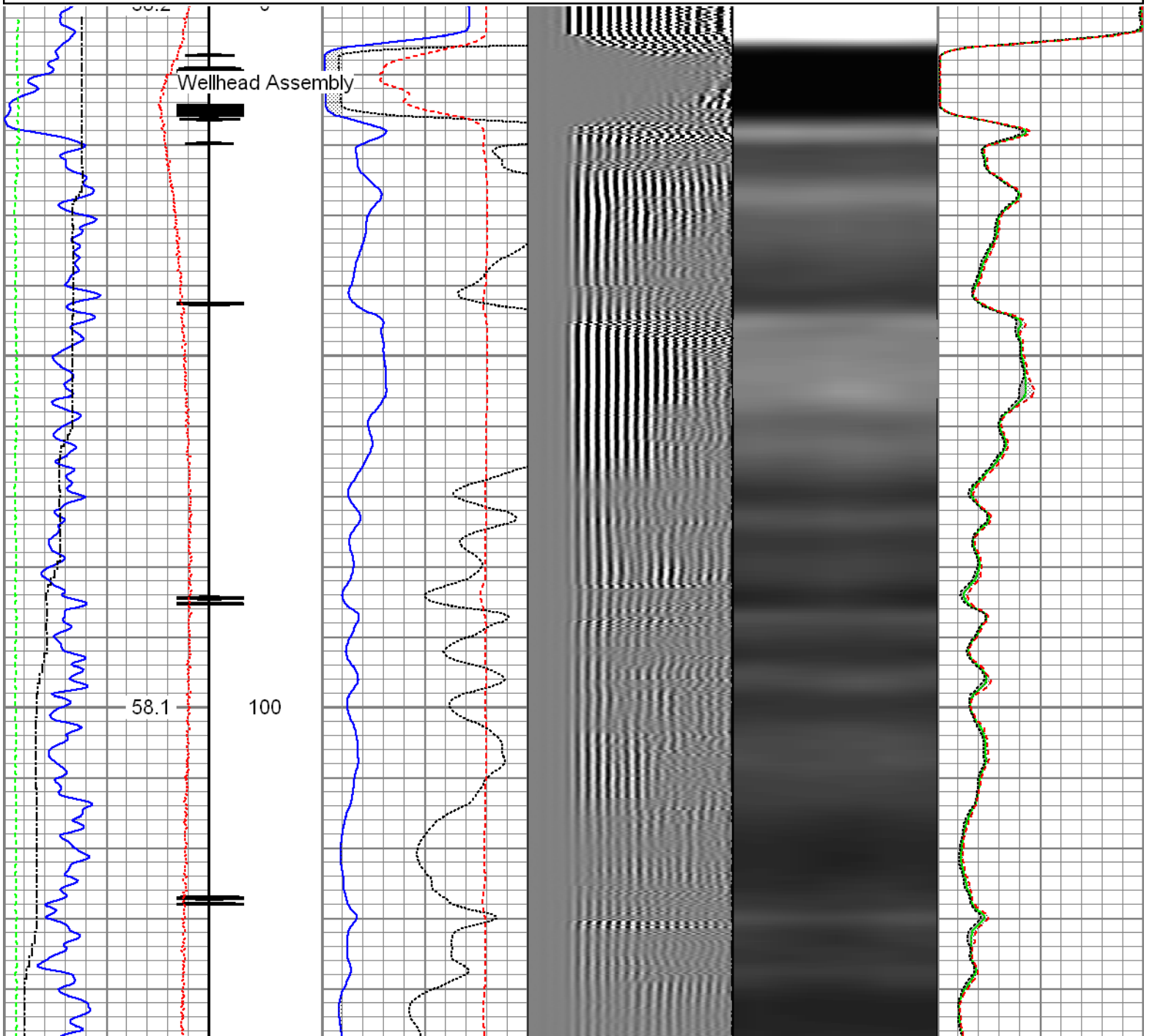
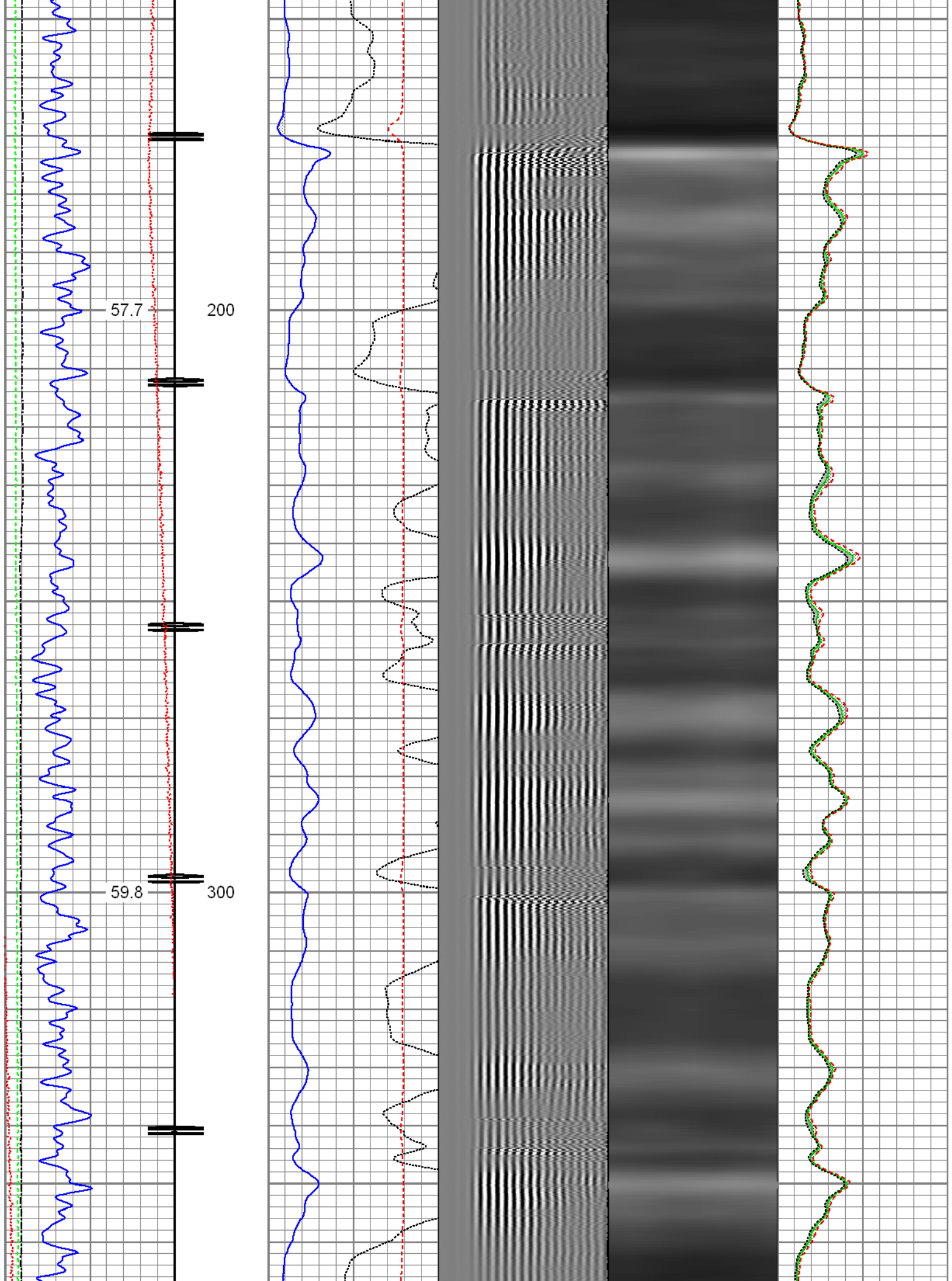
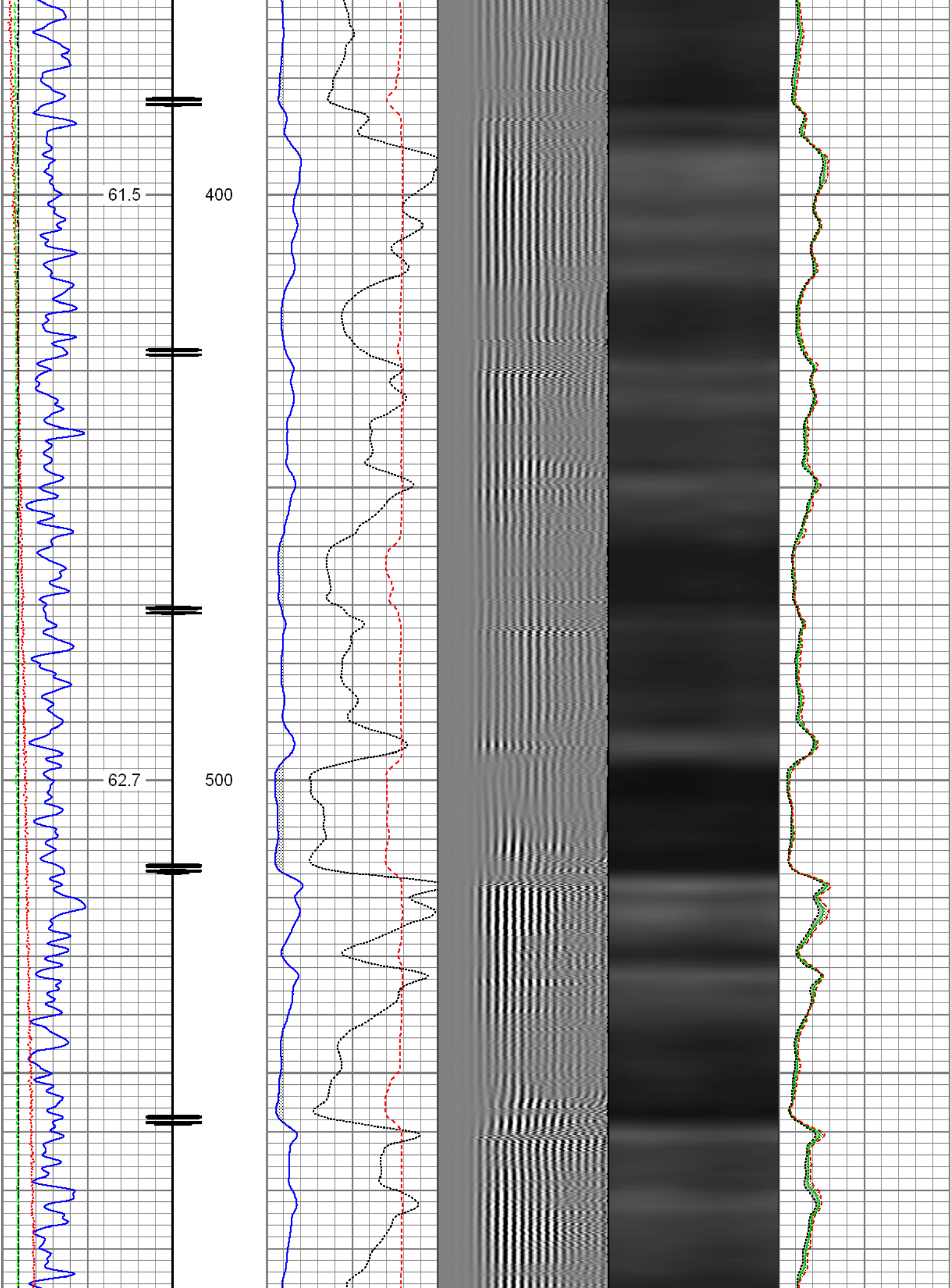


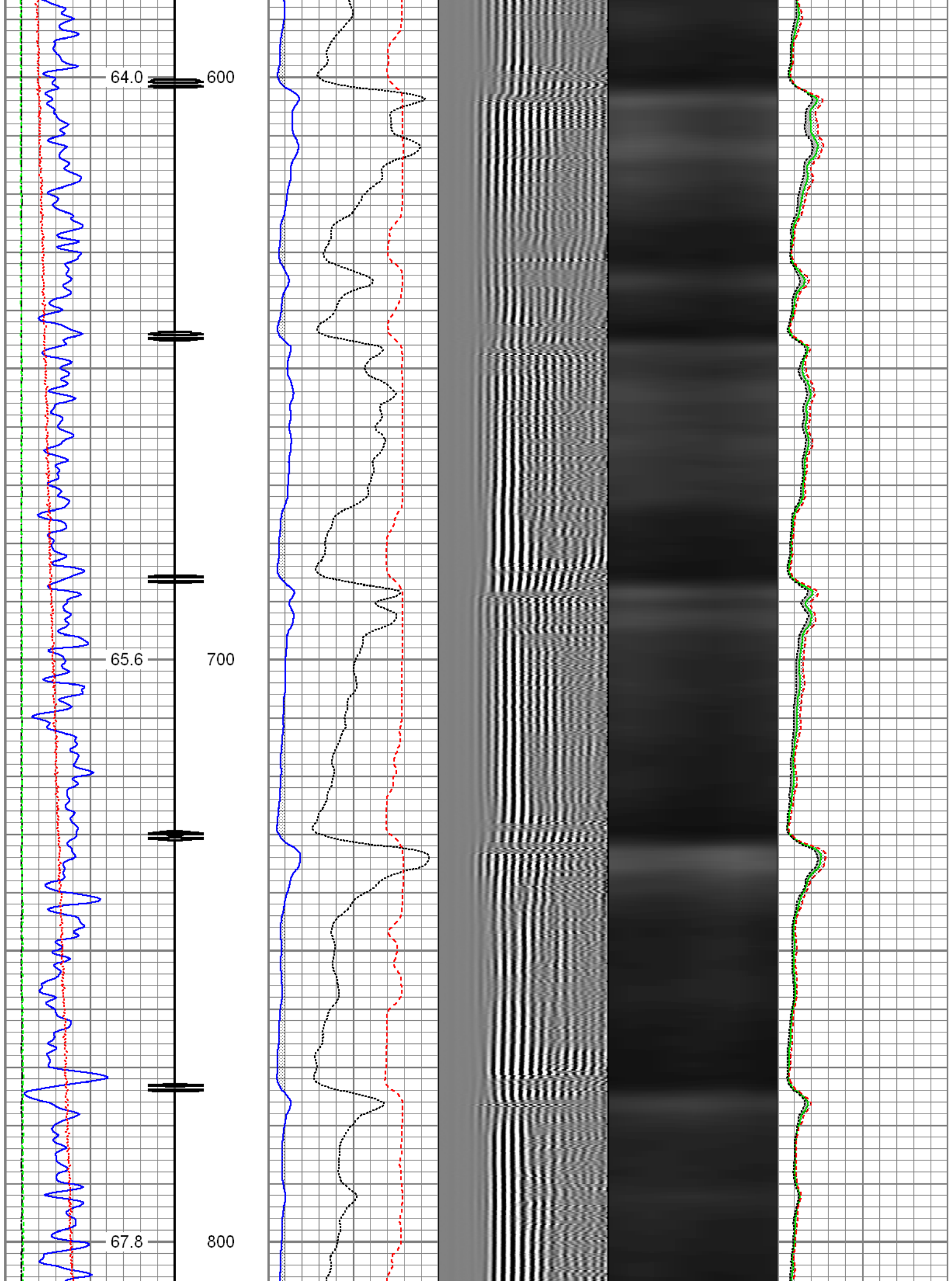
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 Dataset Pathname: pass4.1
 Presentation Format: radii
 Dataset Creation: Sat Jan 30 09:30:00 2016 by Calc 7.0 B1
 Charted by: Depth in Feet scaled 1:240

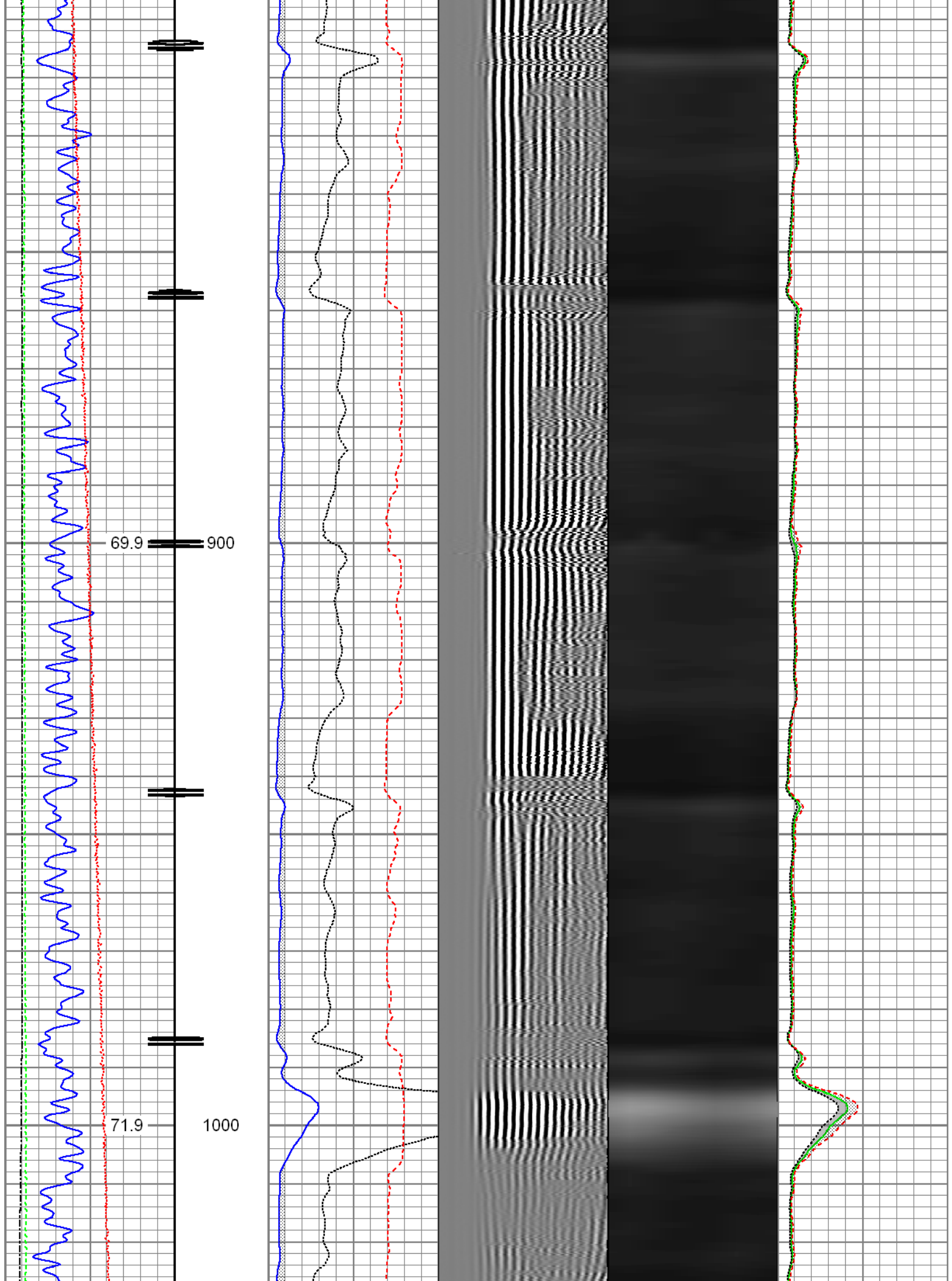
Gamma Ray 0 (GAPI) 120	3' Amplitude 0 (mV) 100	5' Variable Density Log 200 1200	Sector Map	Average Amplitude 0 100
<i>Casing Collar Locator</i>	3' Amplitude x 5 0 (mV) 20			Minimum Amplitude 0 100
Temperature 0 (degF) 20	3' Travel Time 650 (usec) 150			Maximum Amplitude 0 100
Line Speed -150 (ft/min)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

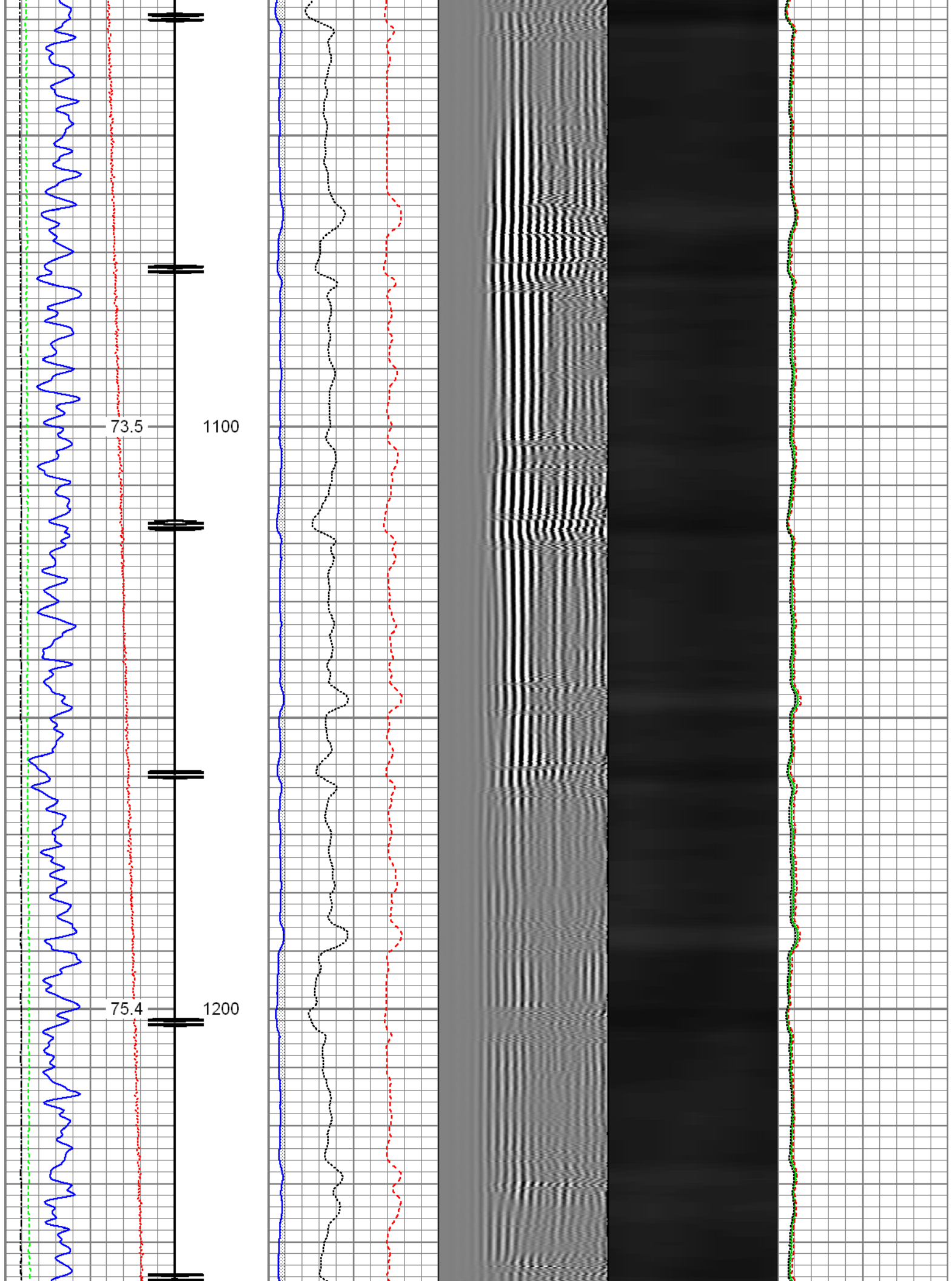


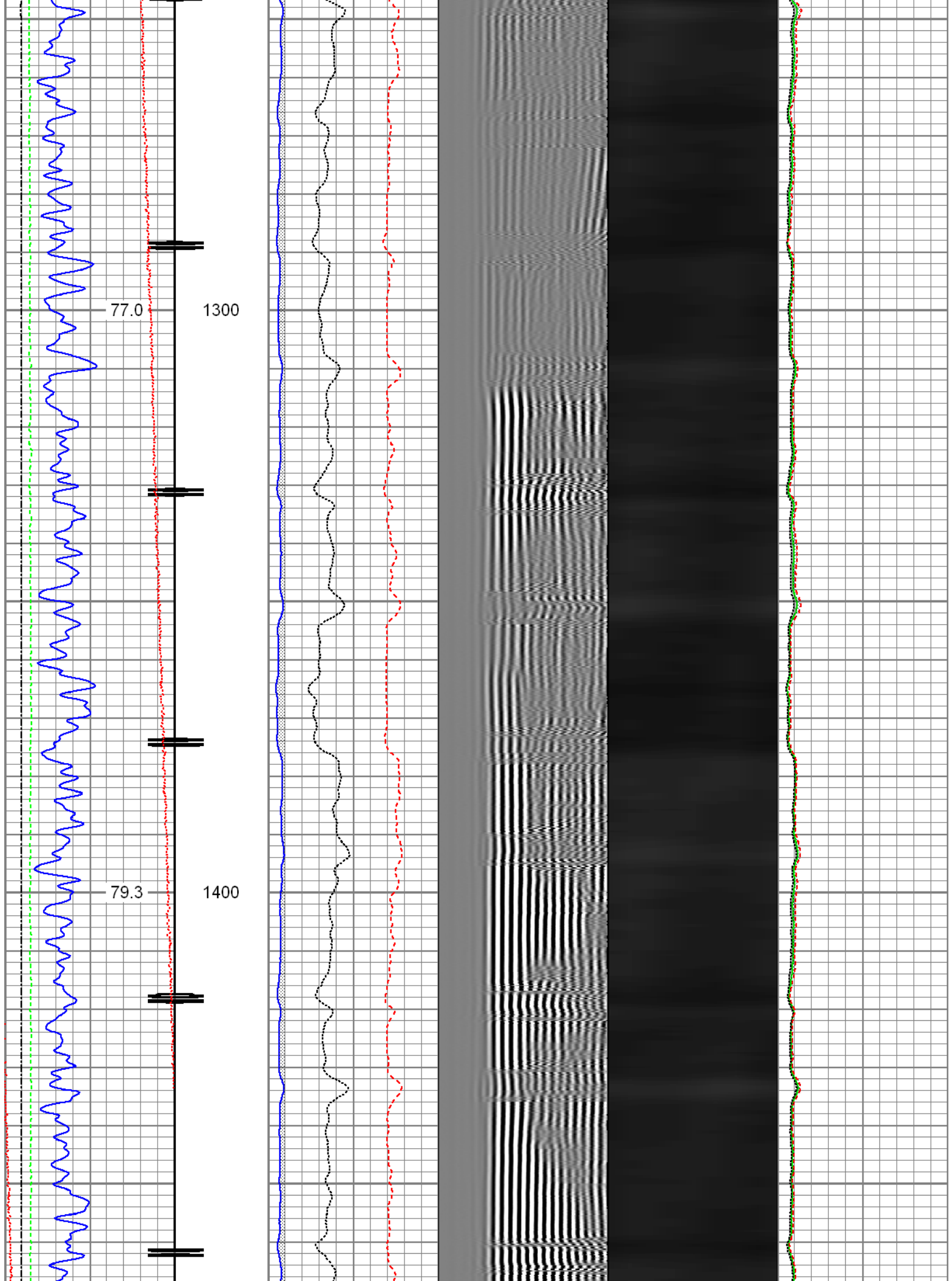


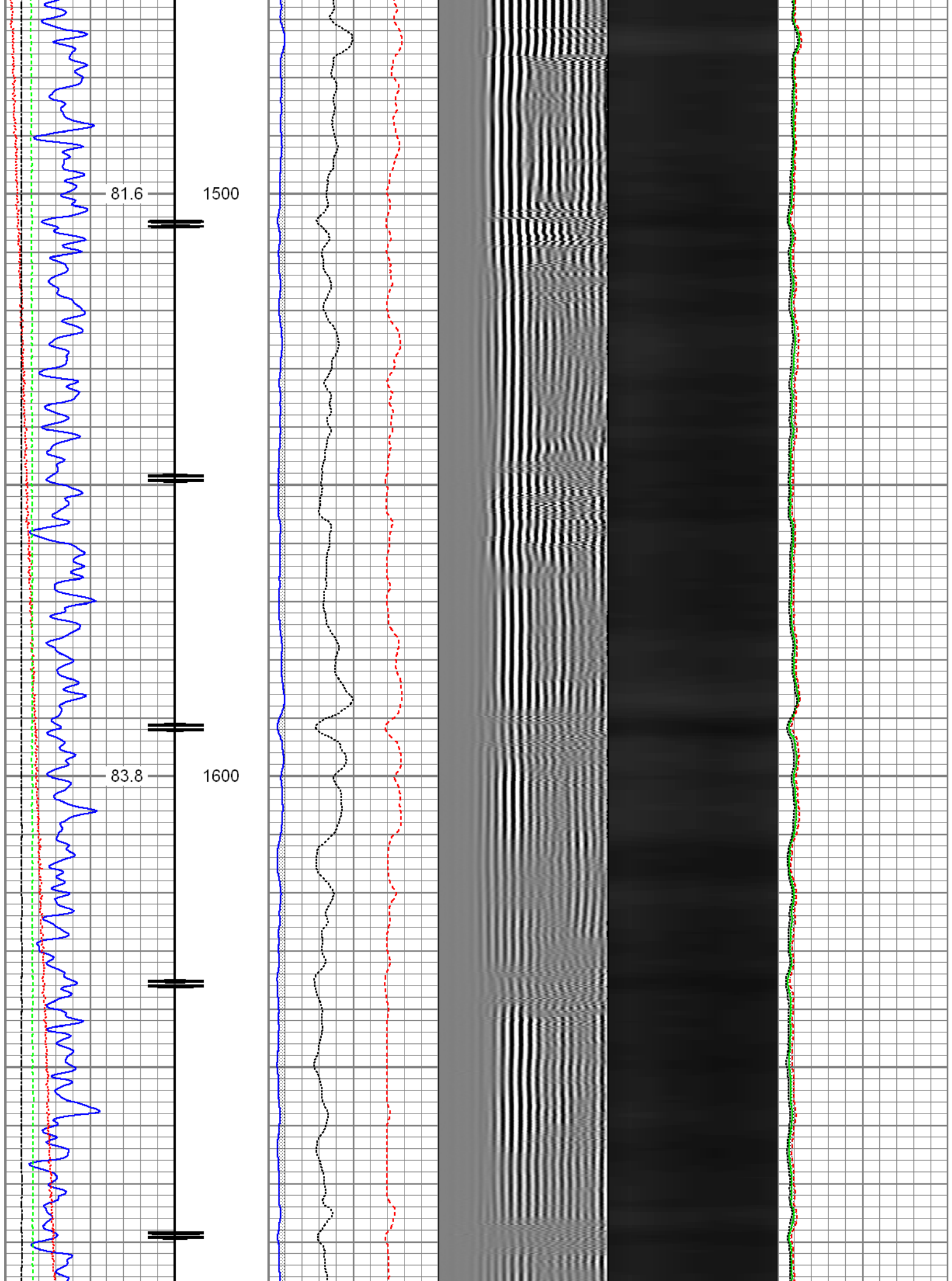


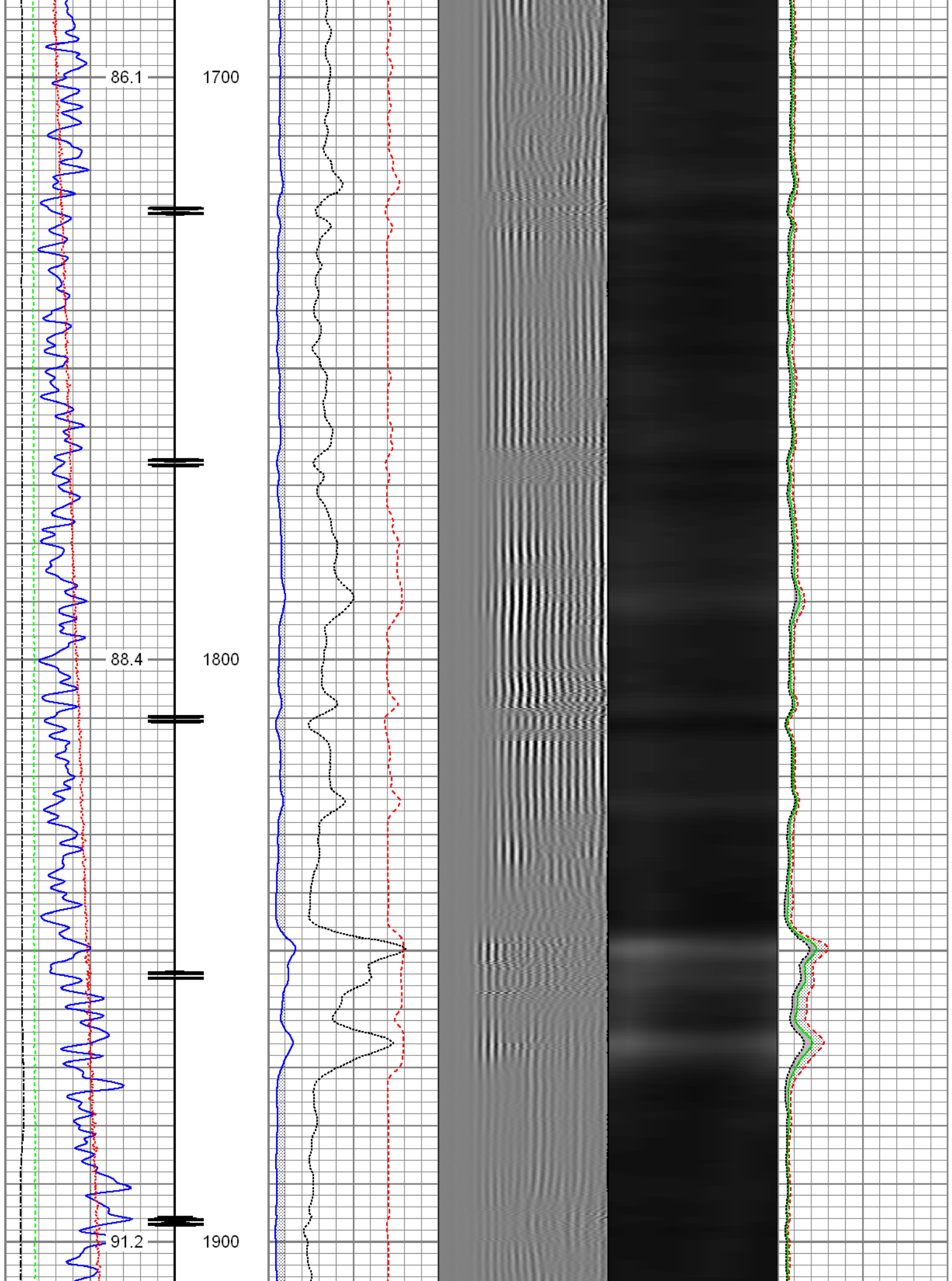


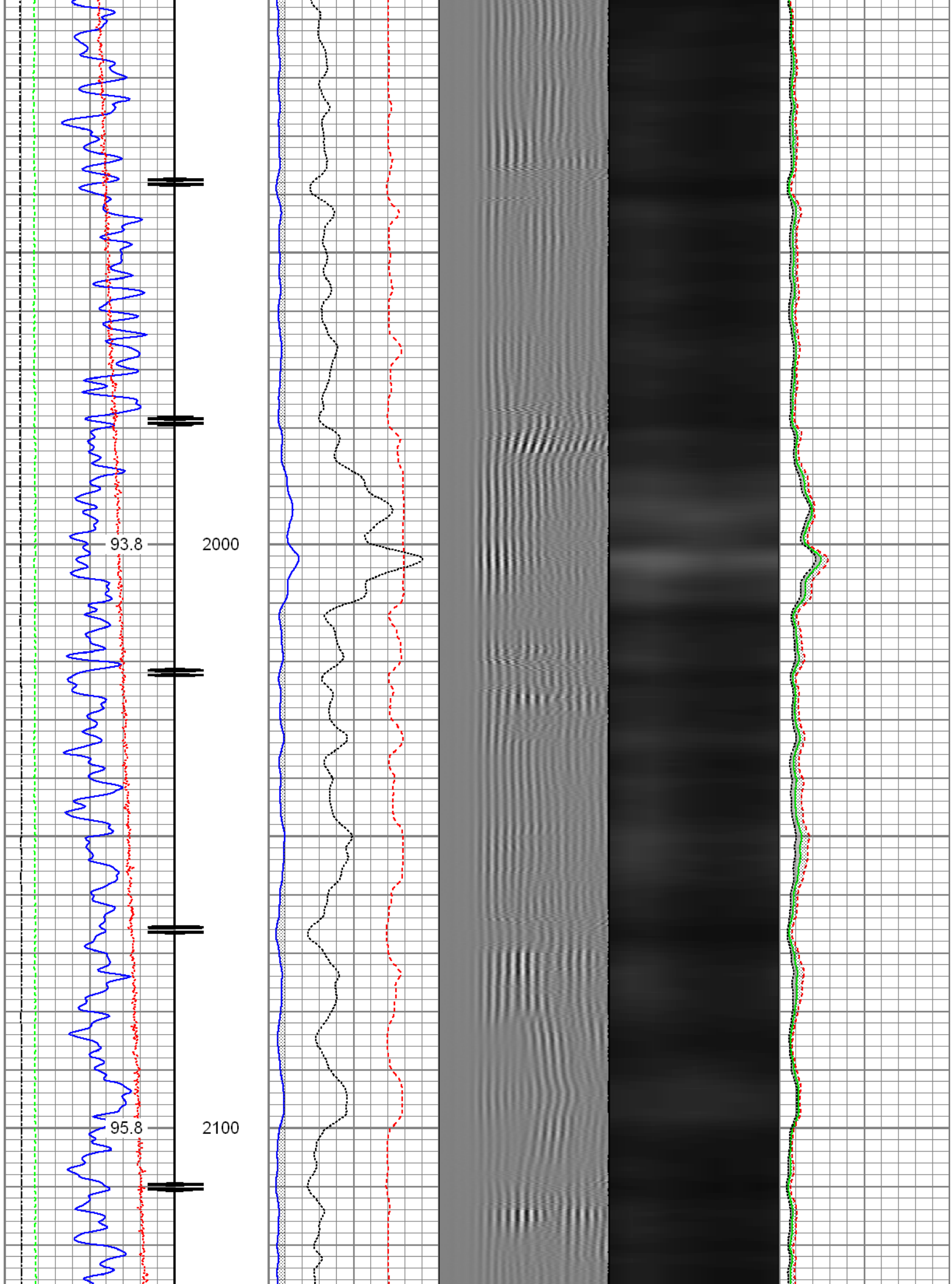


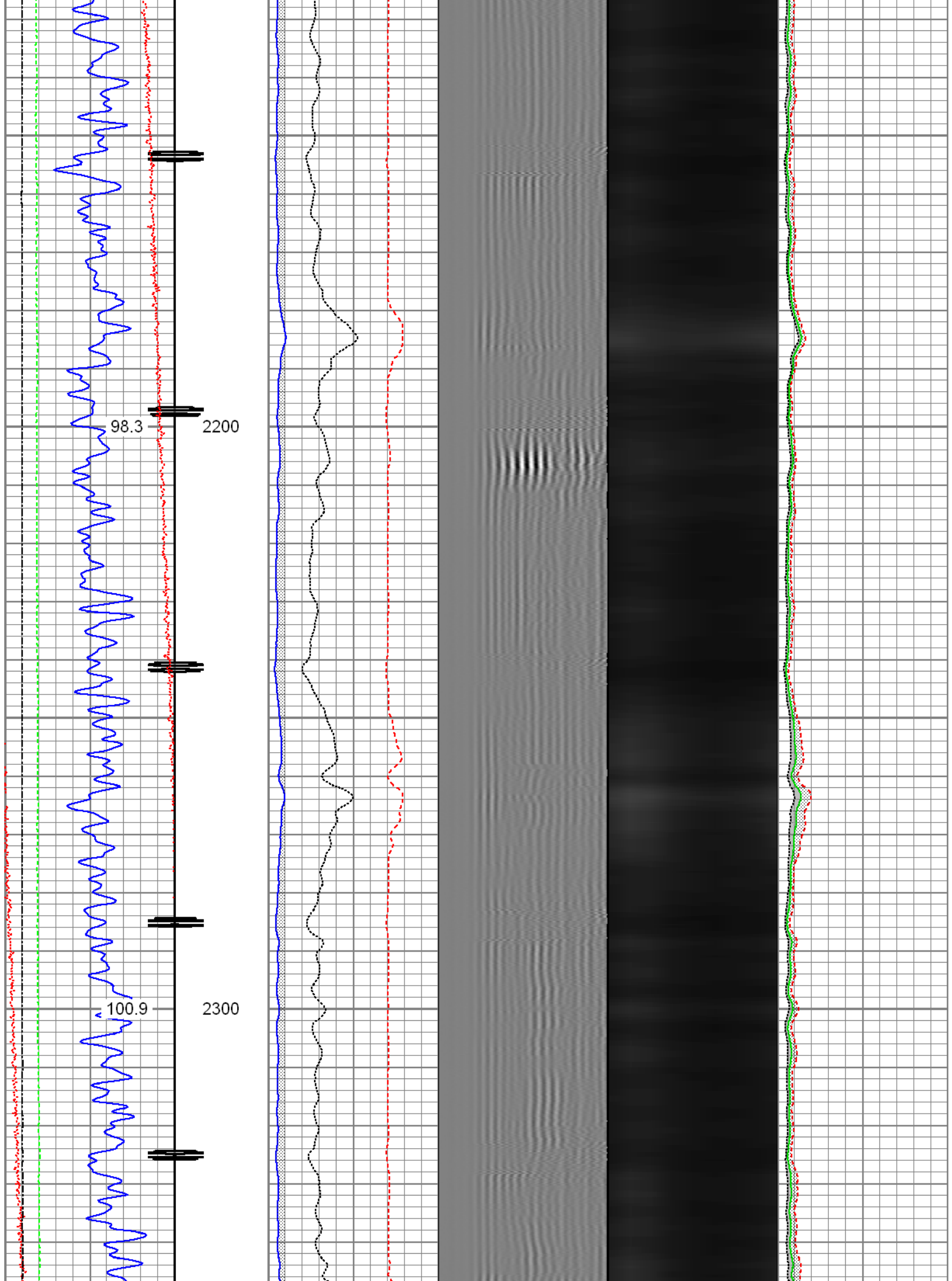


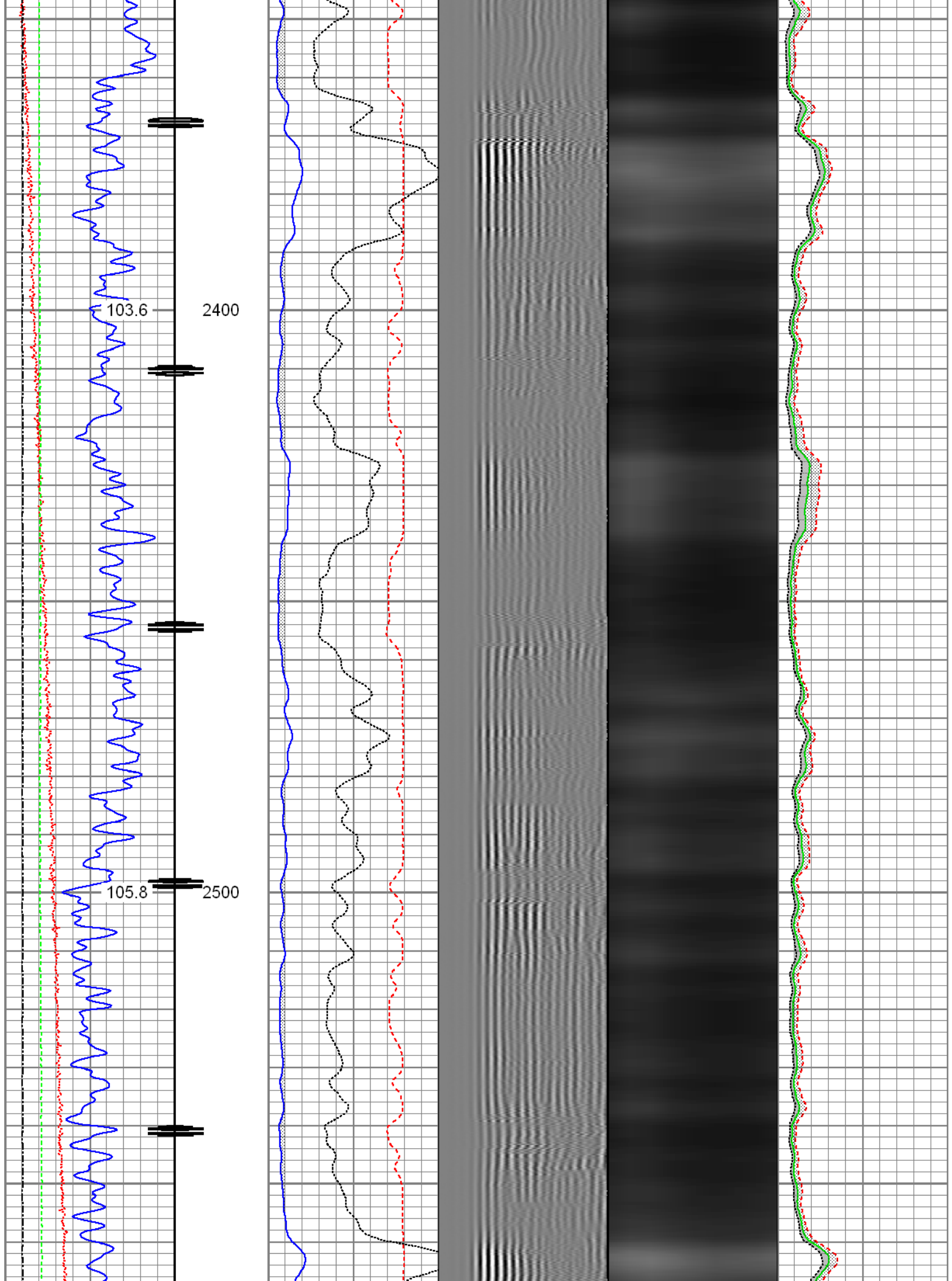


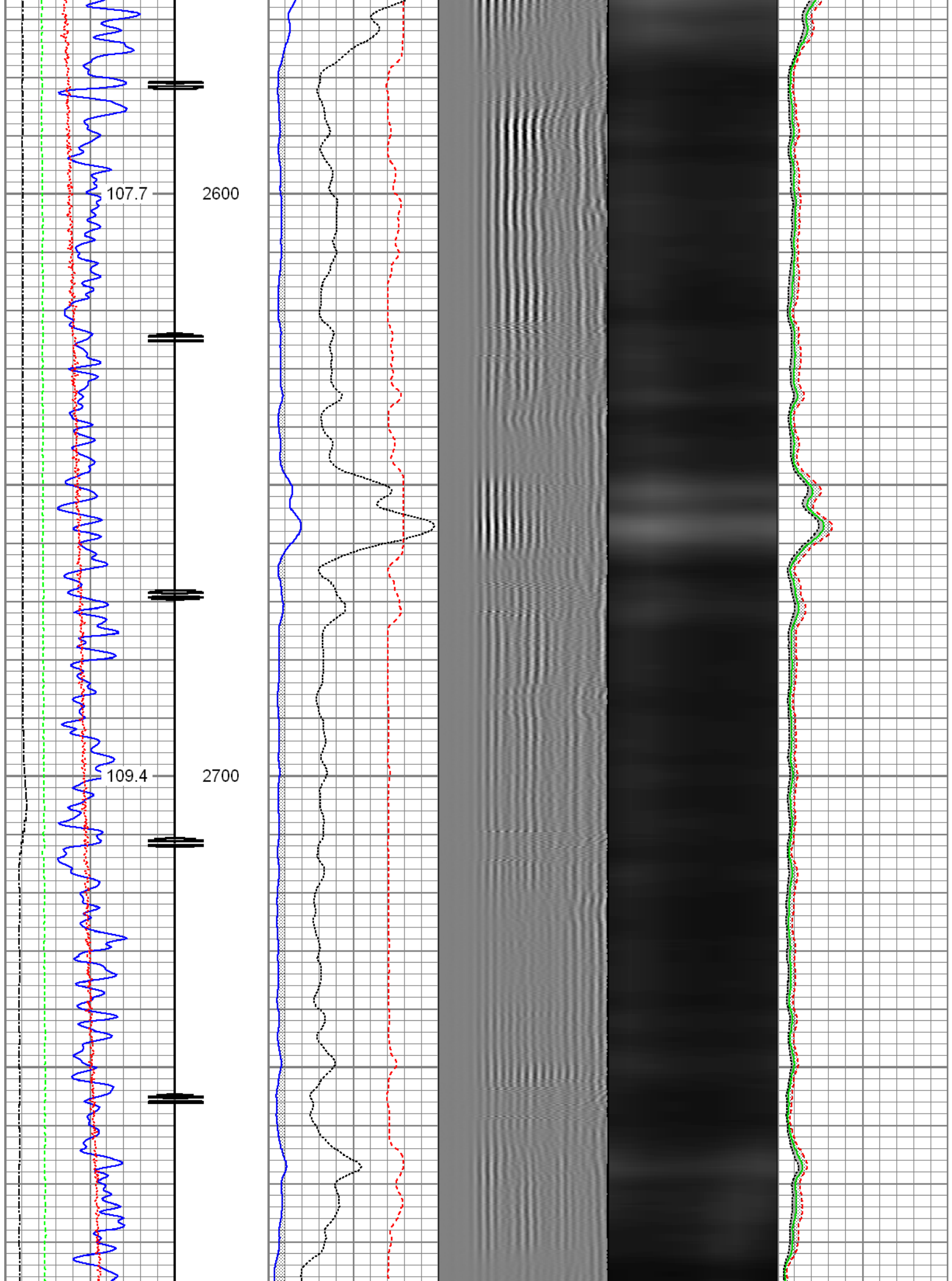


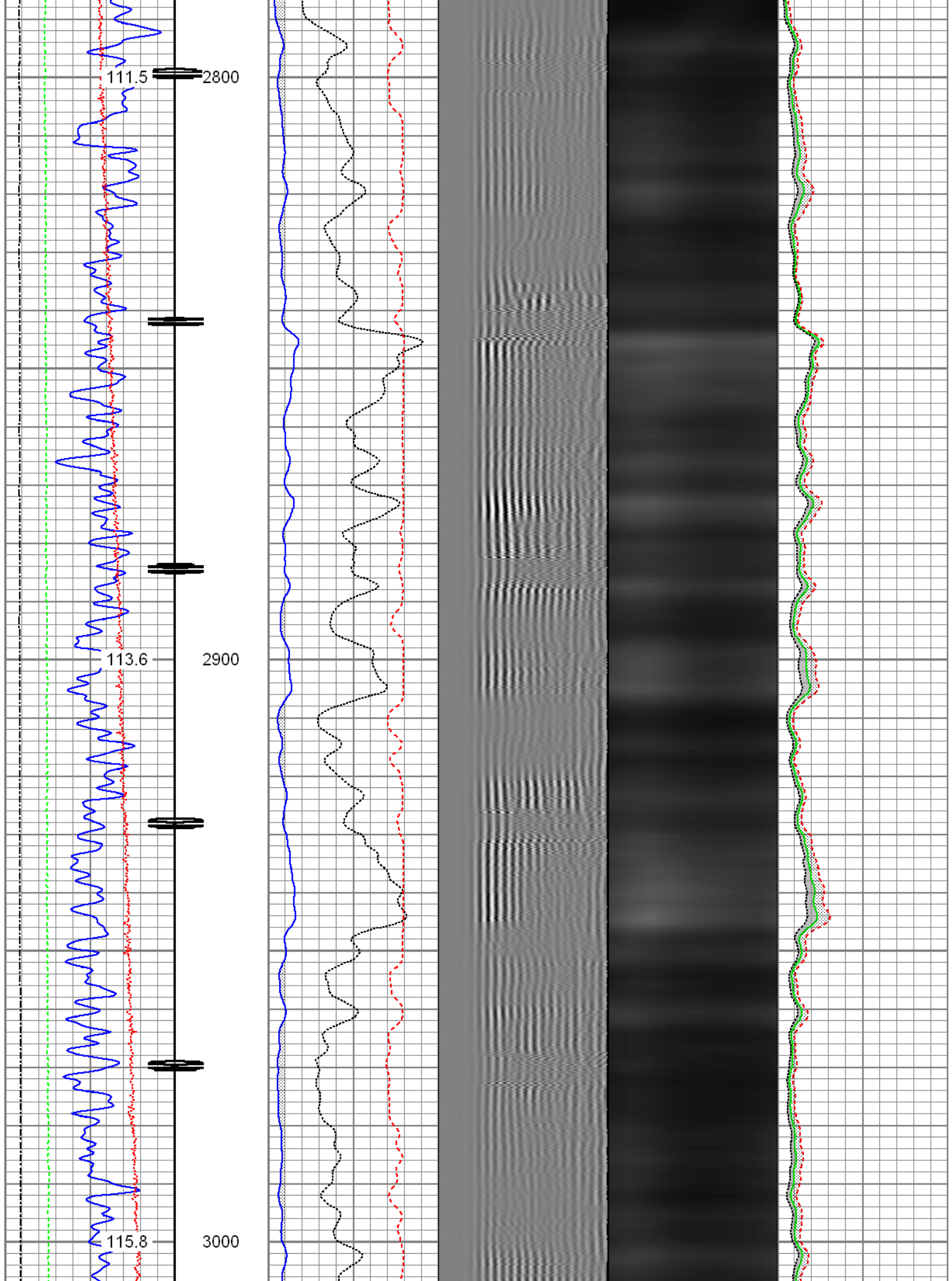


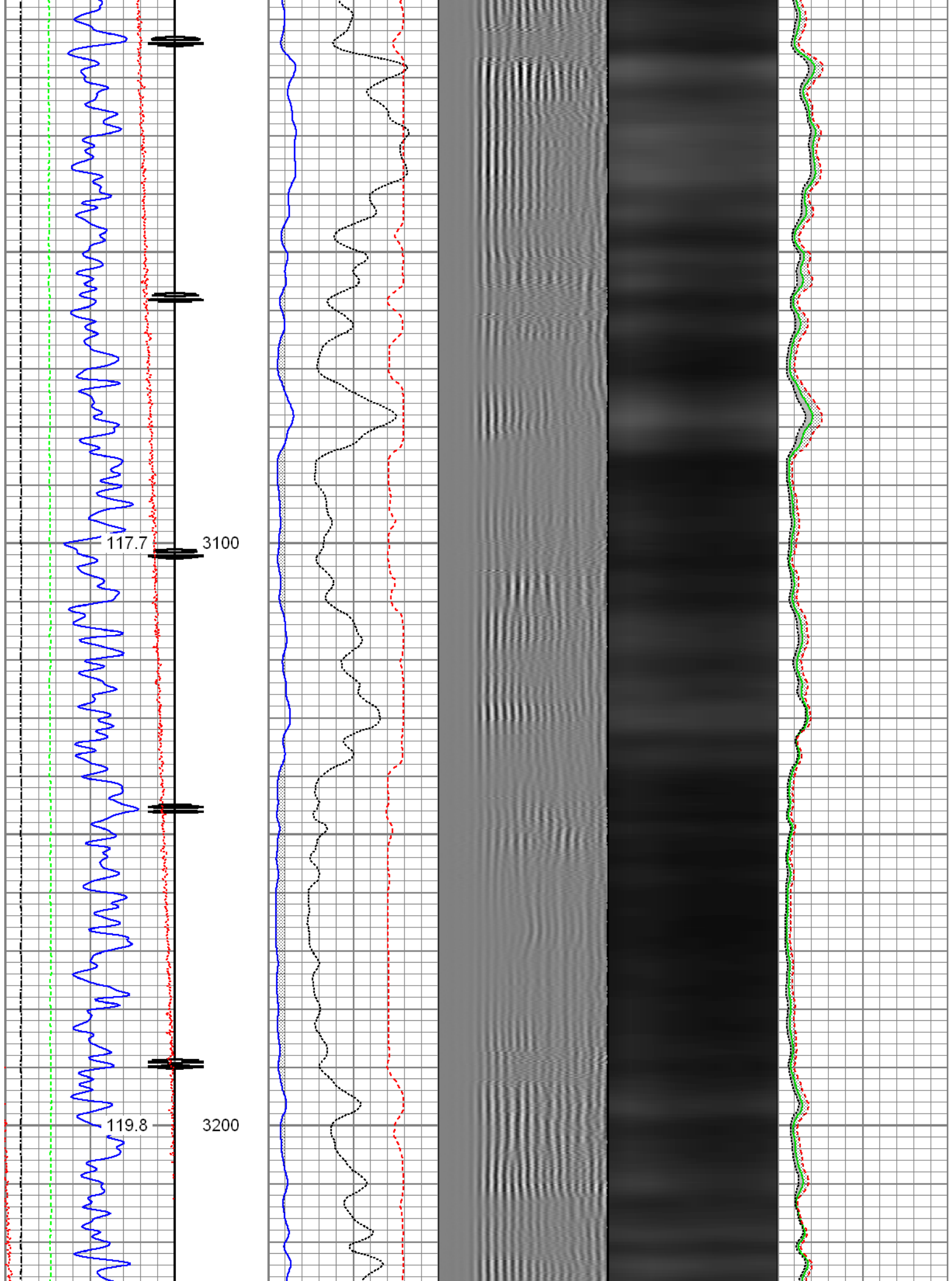


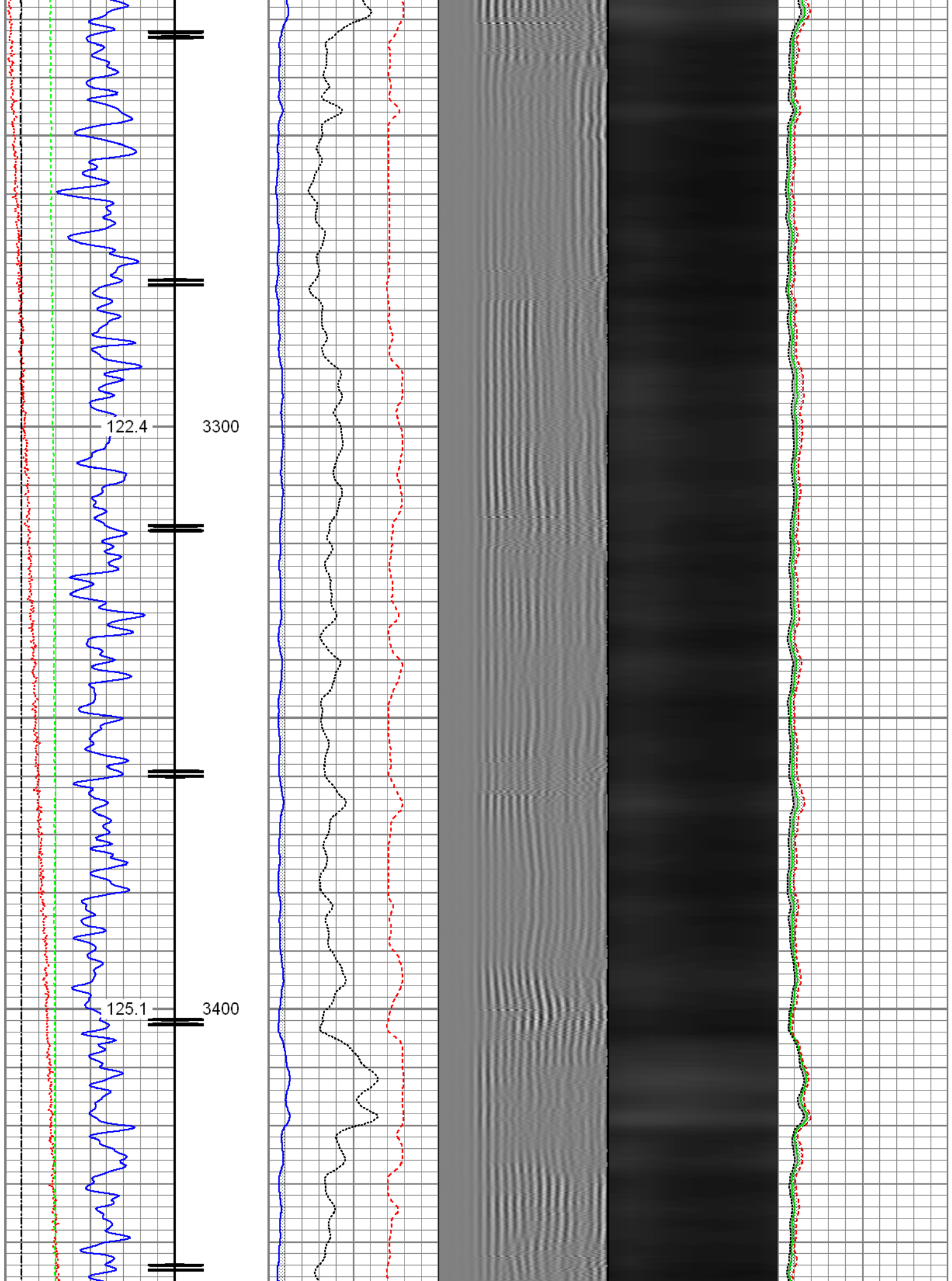


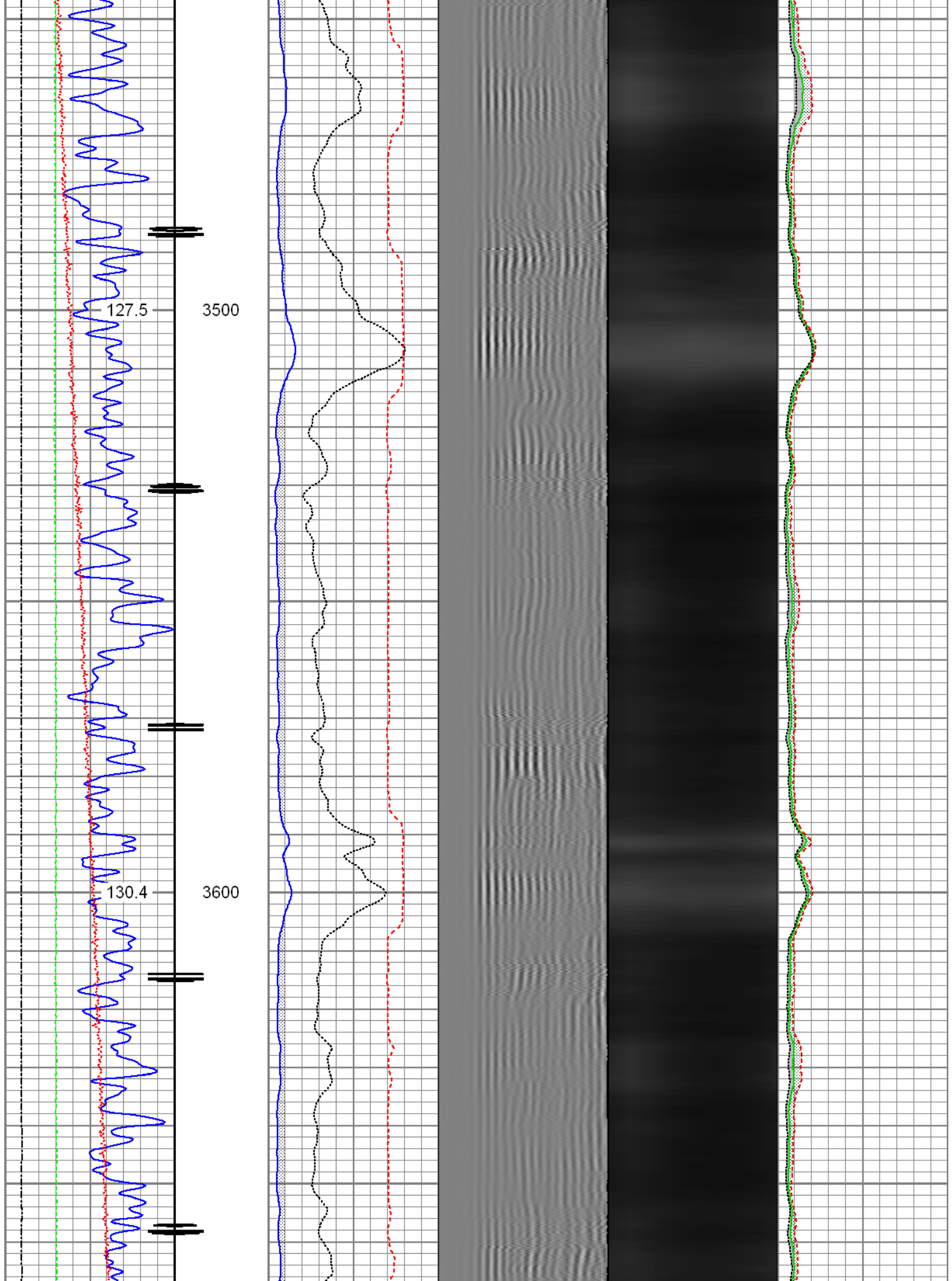


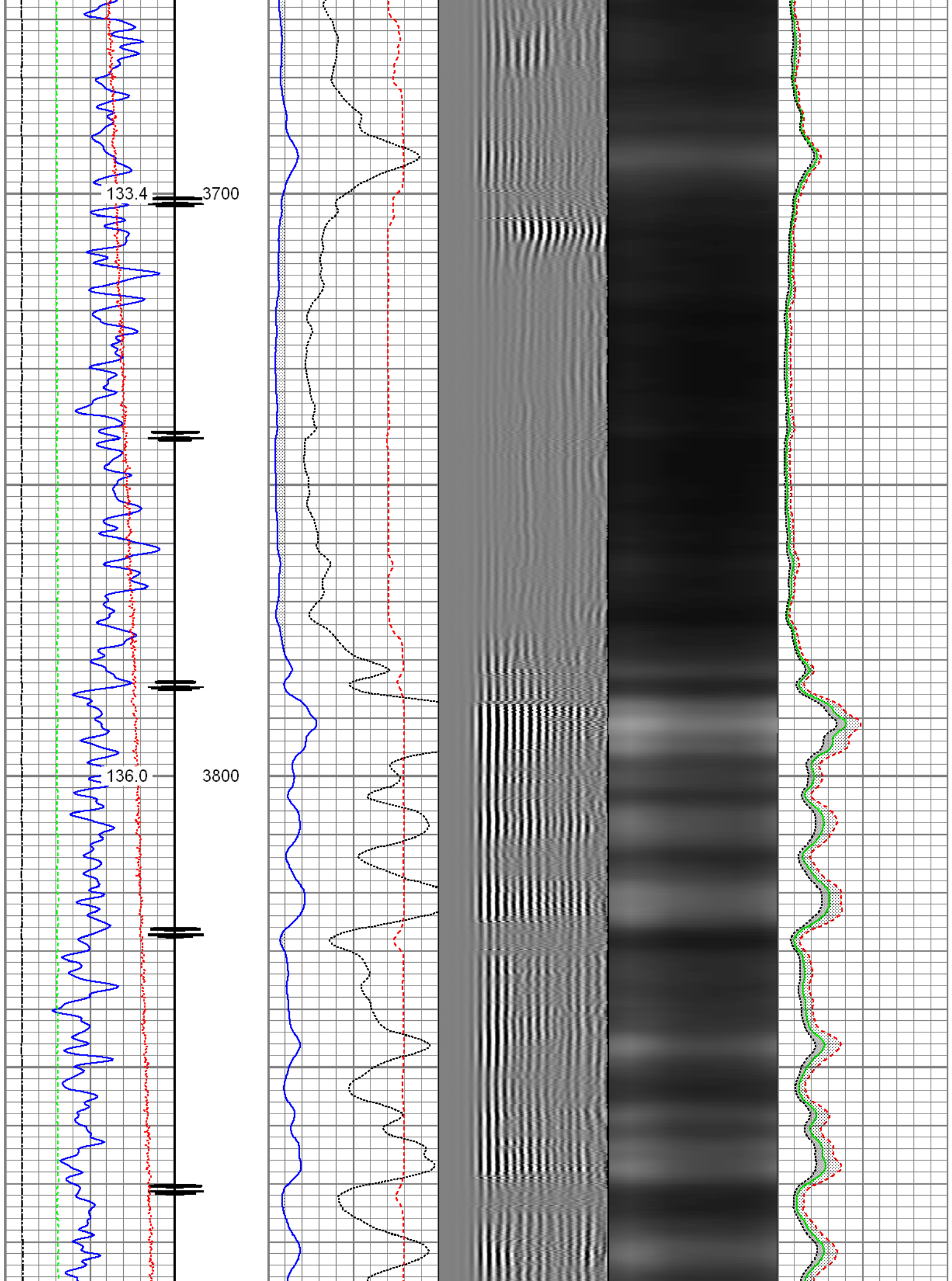


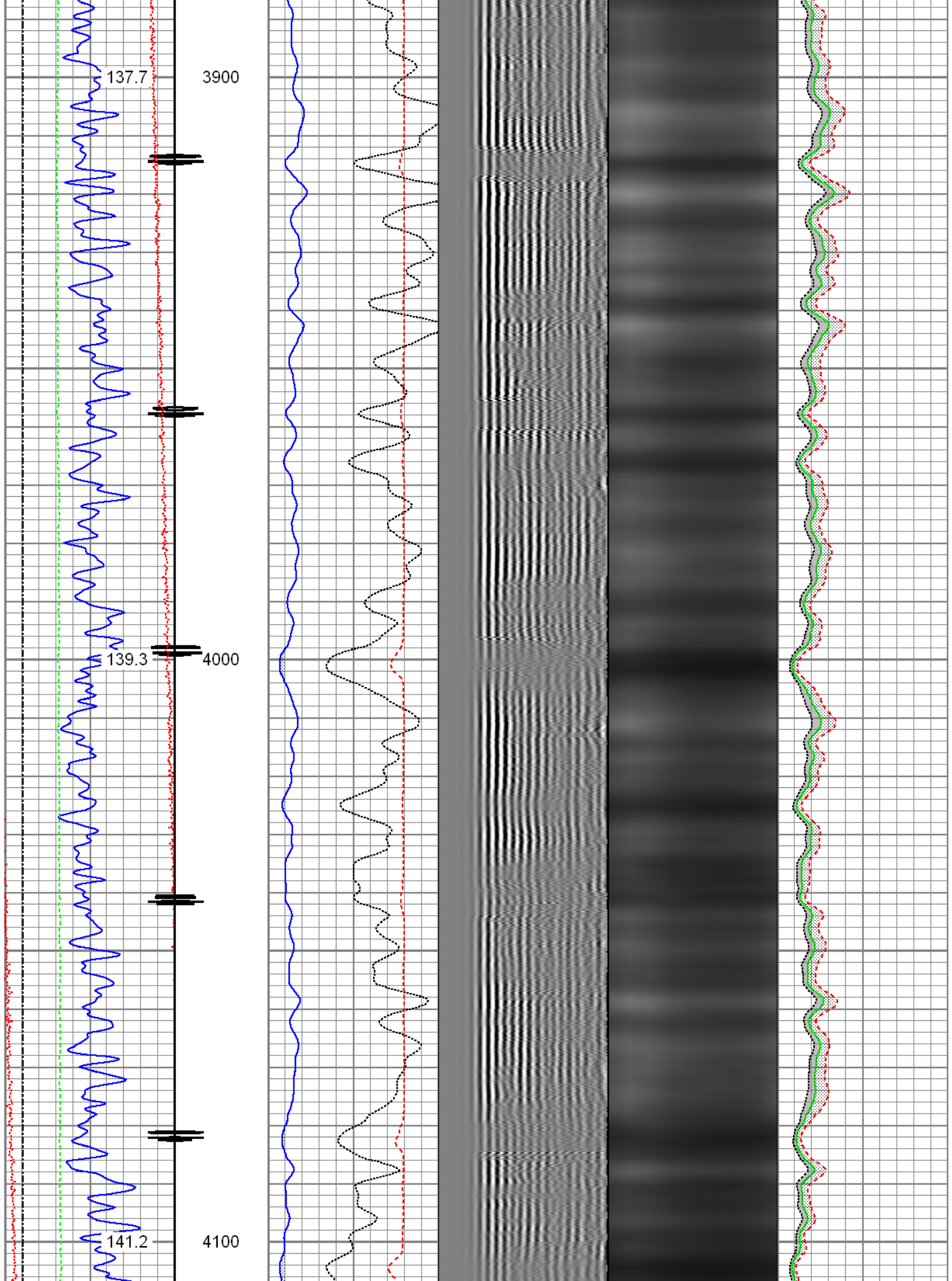


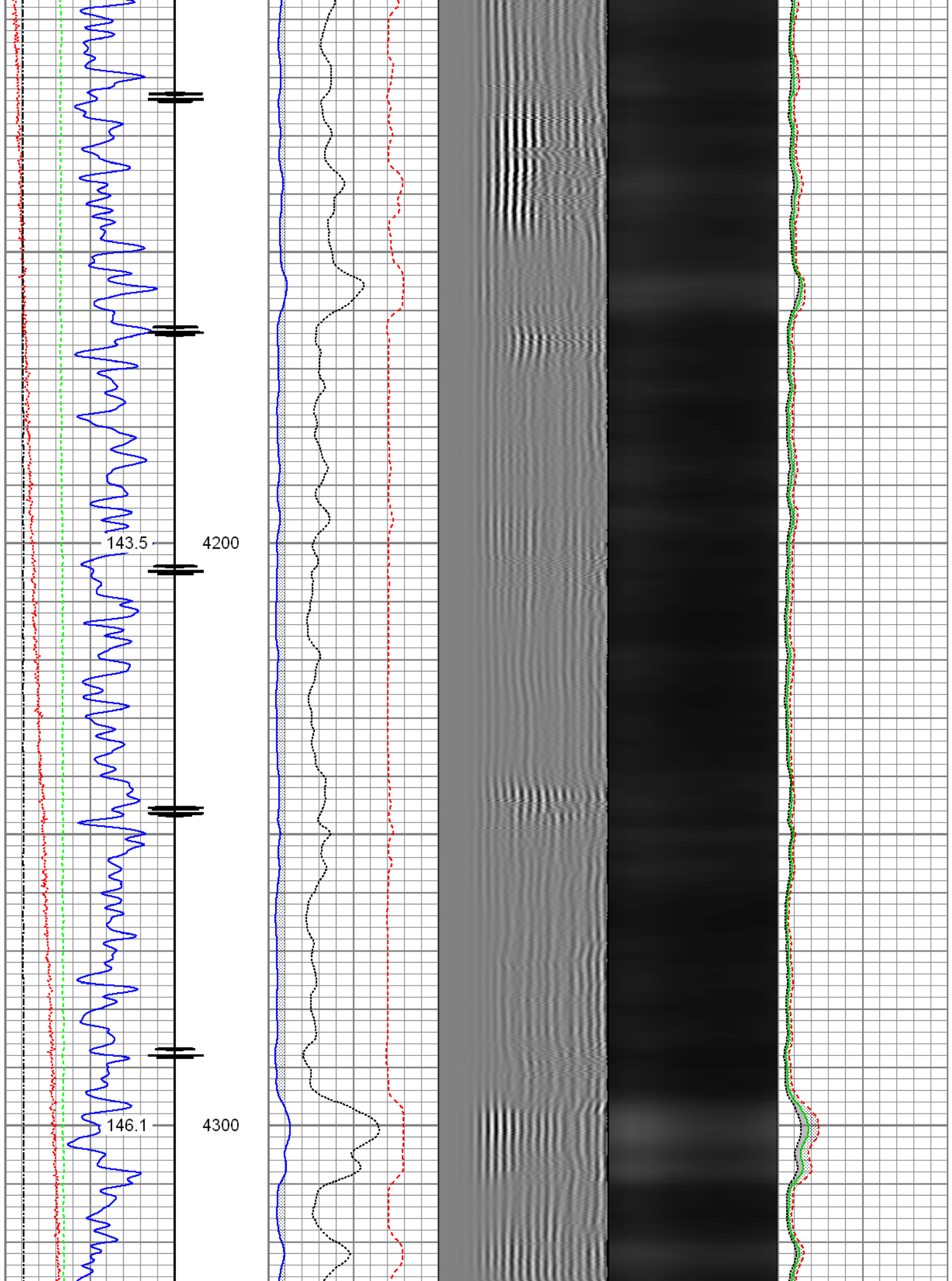


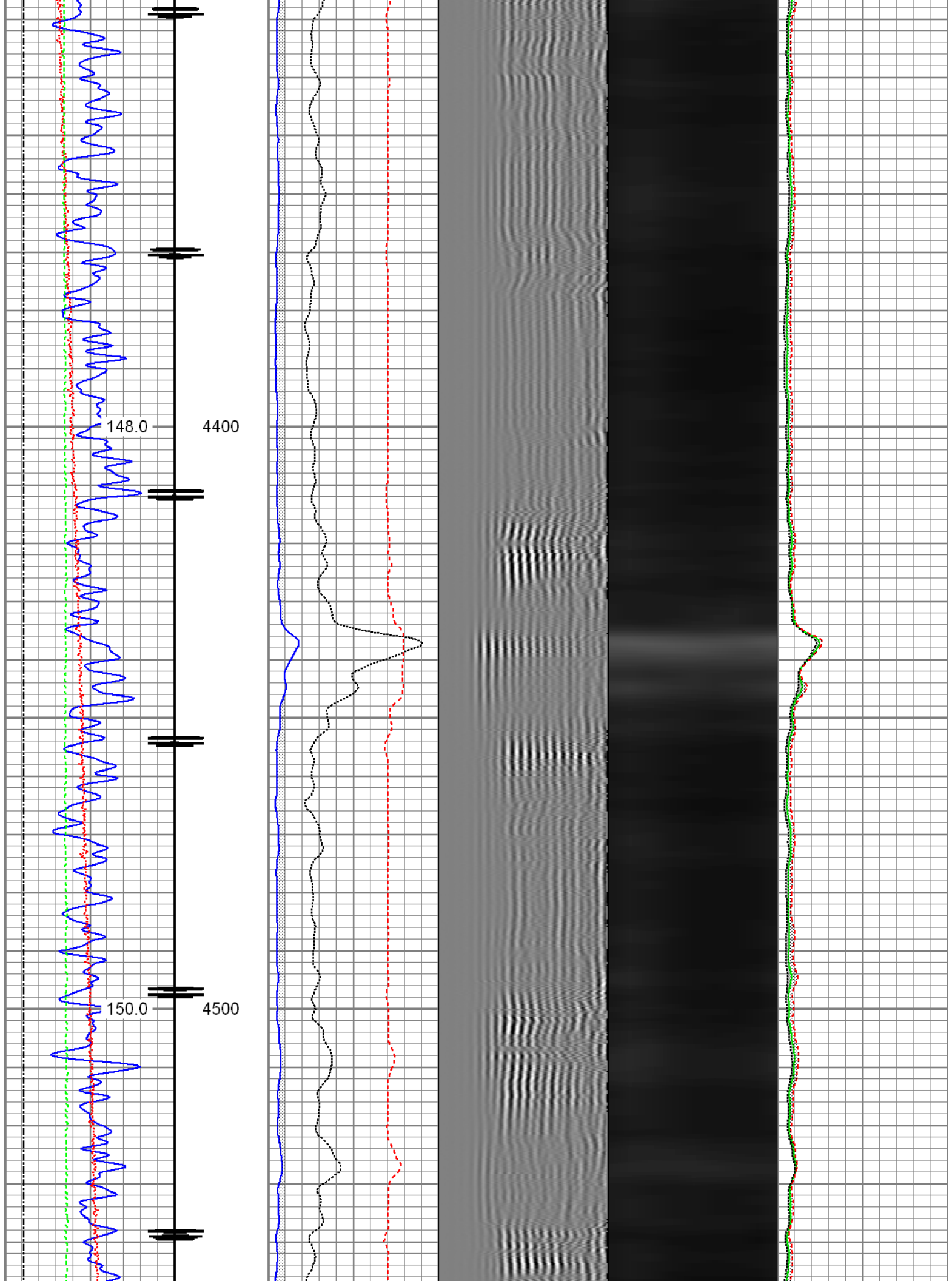


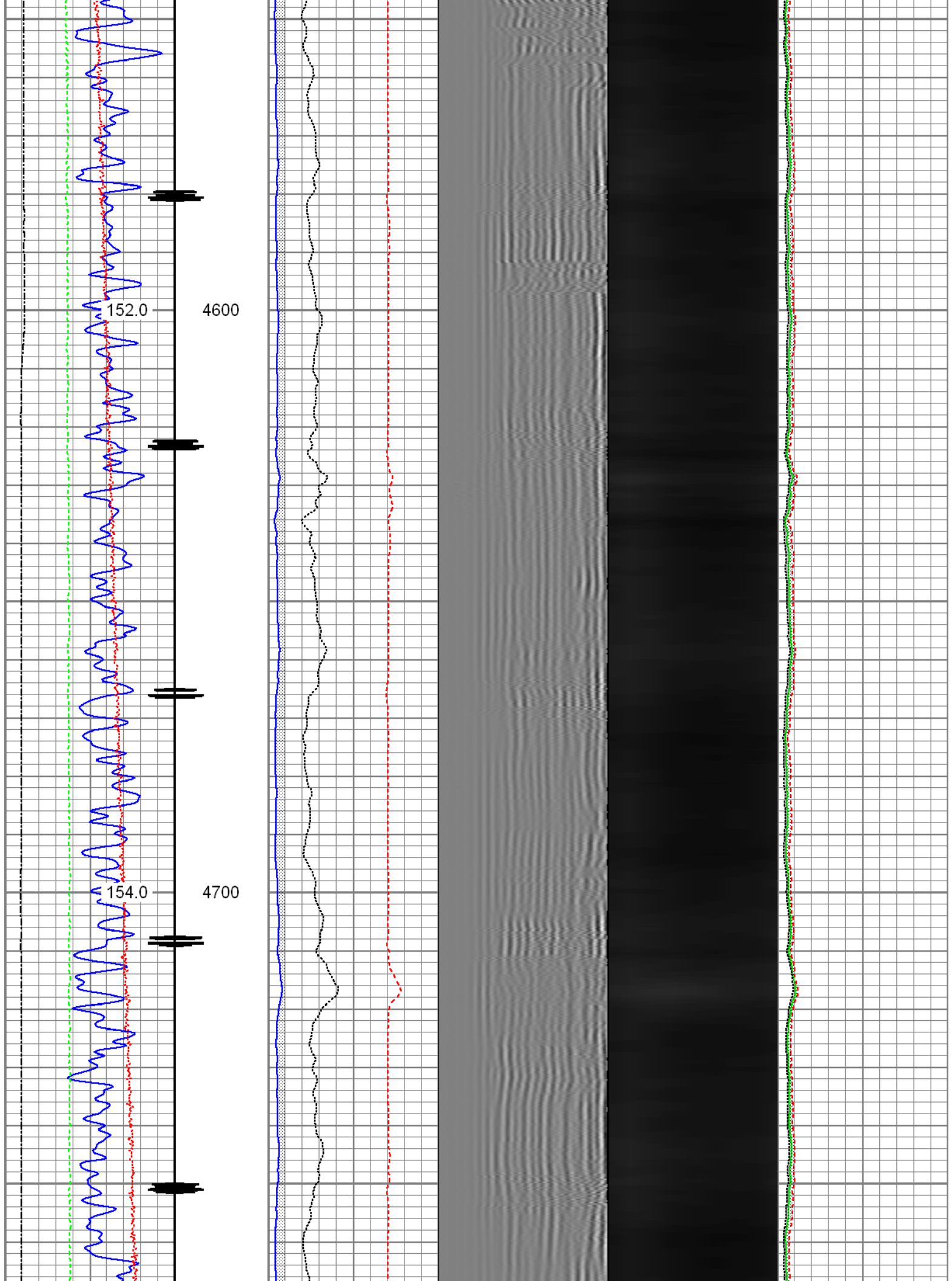


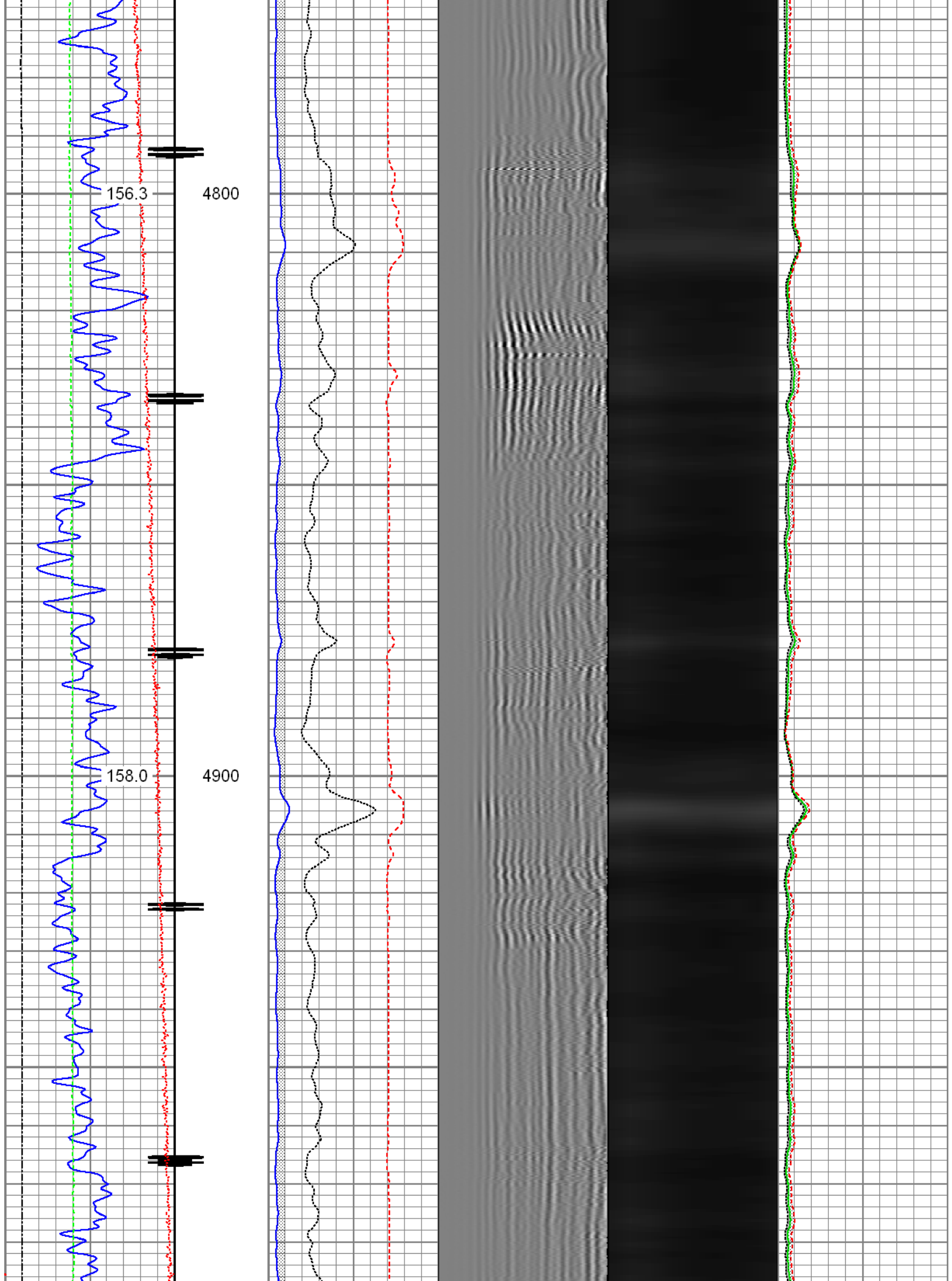


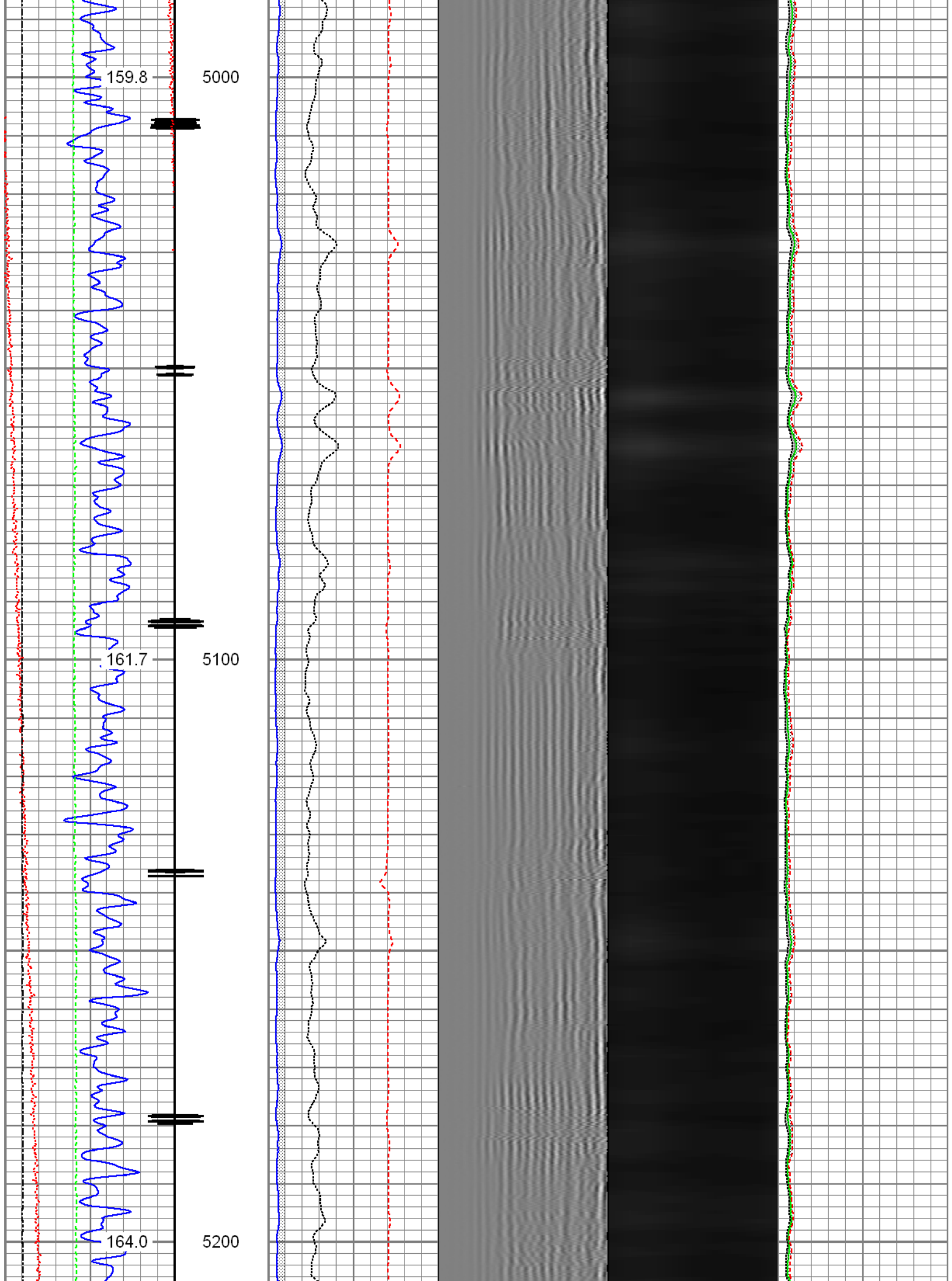


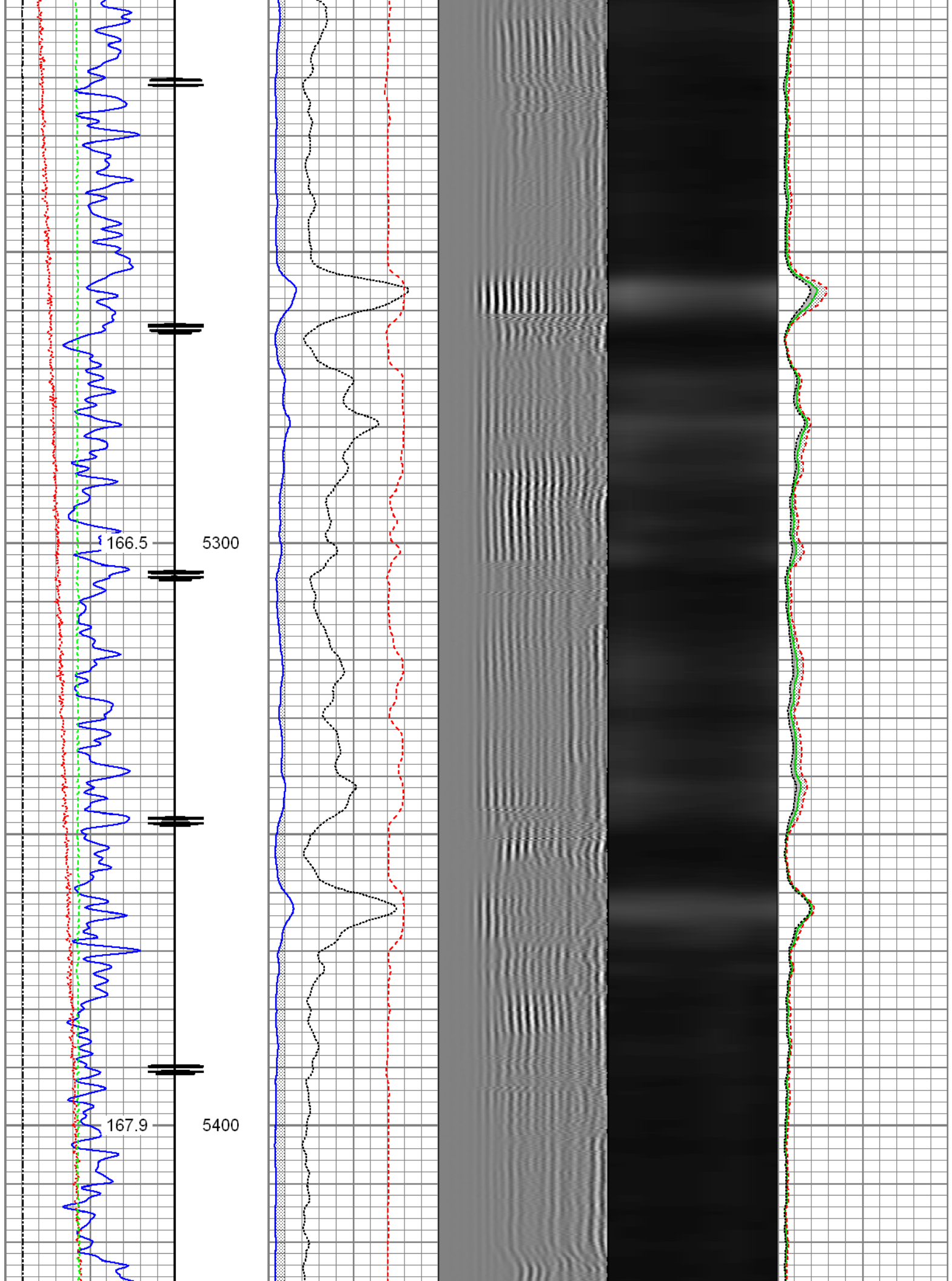


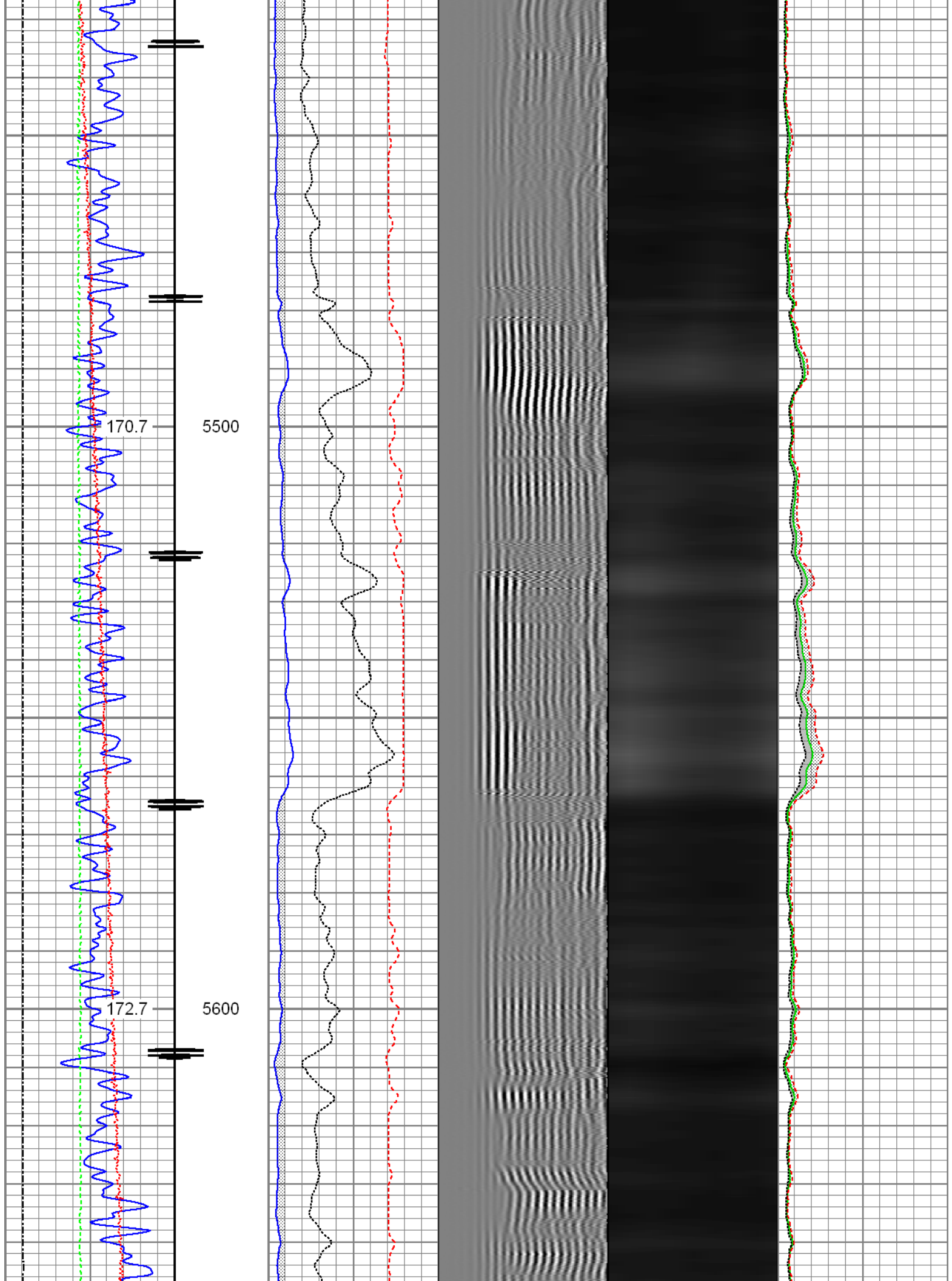


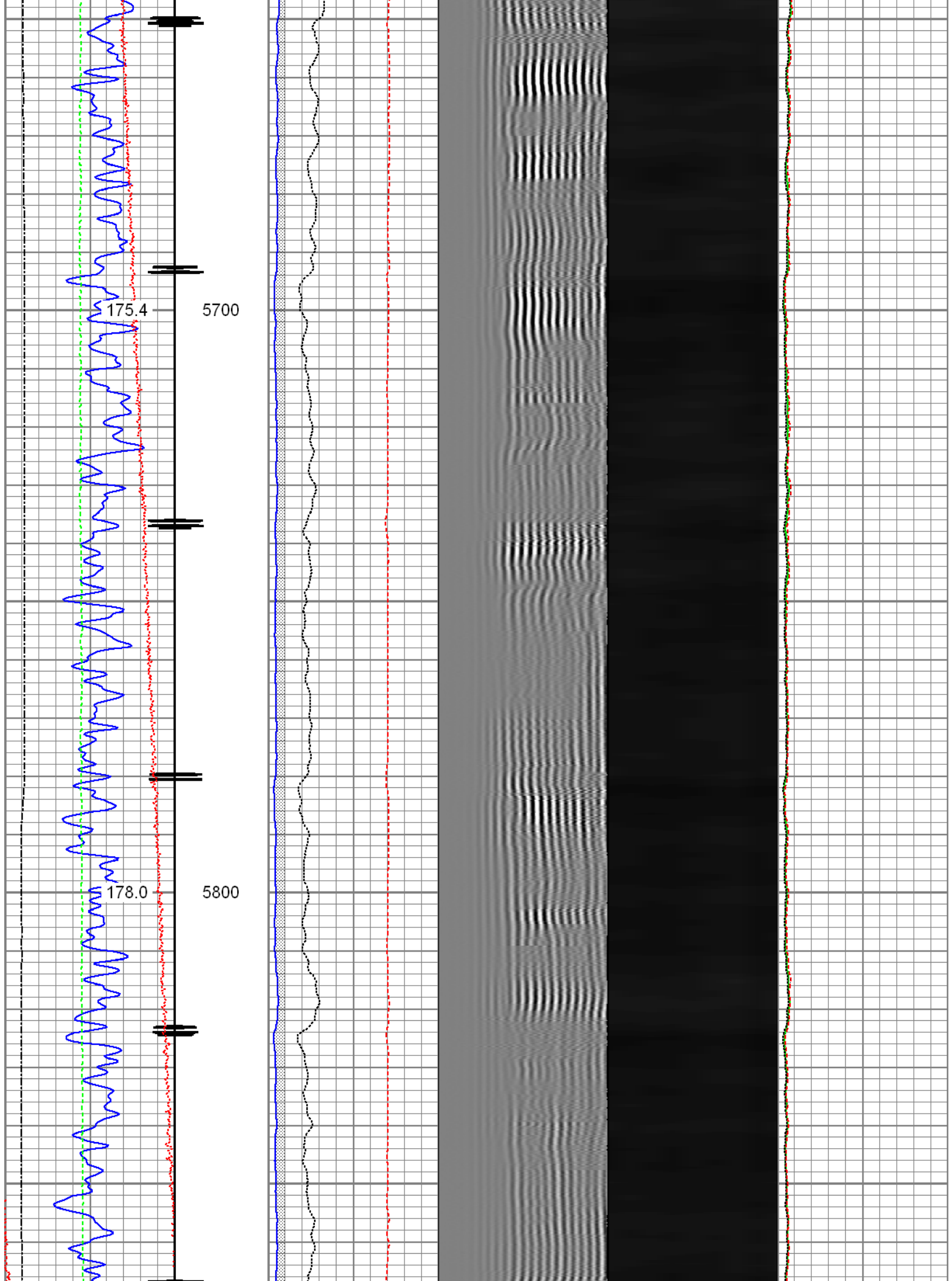


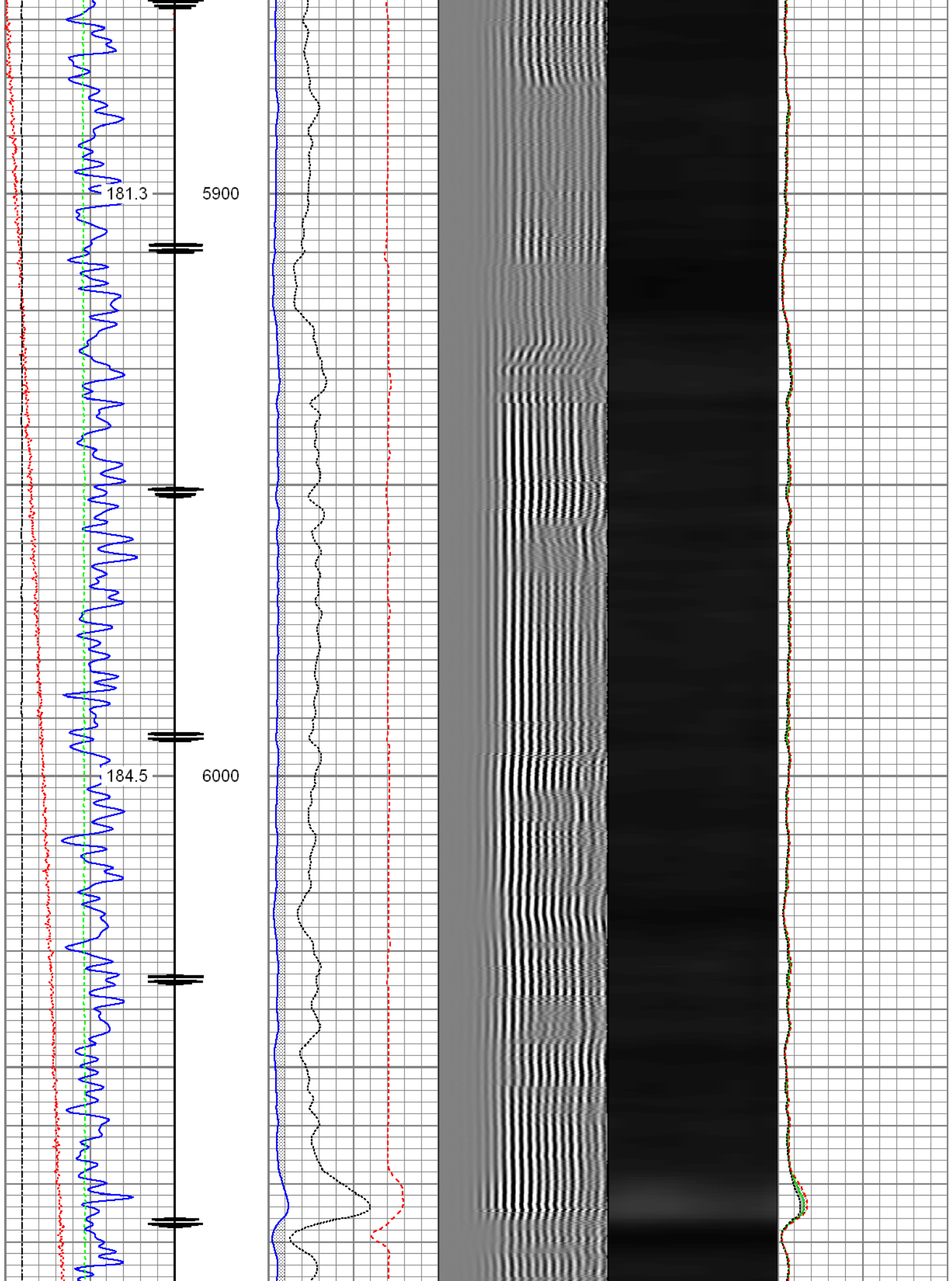


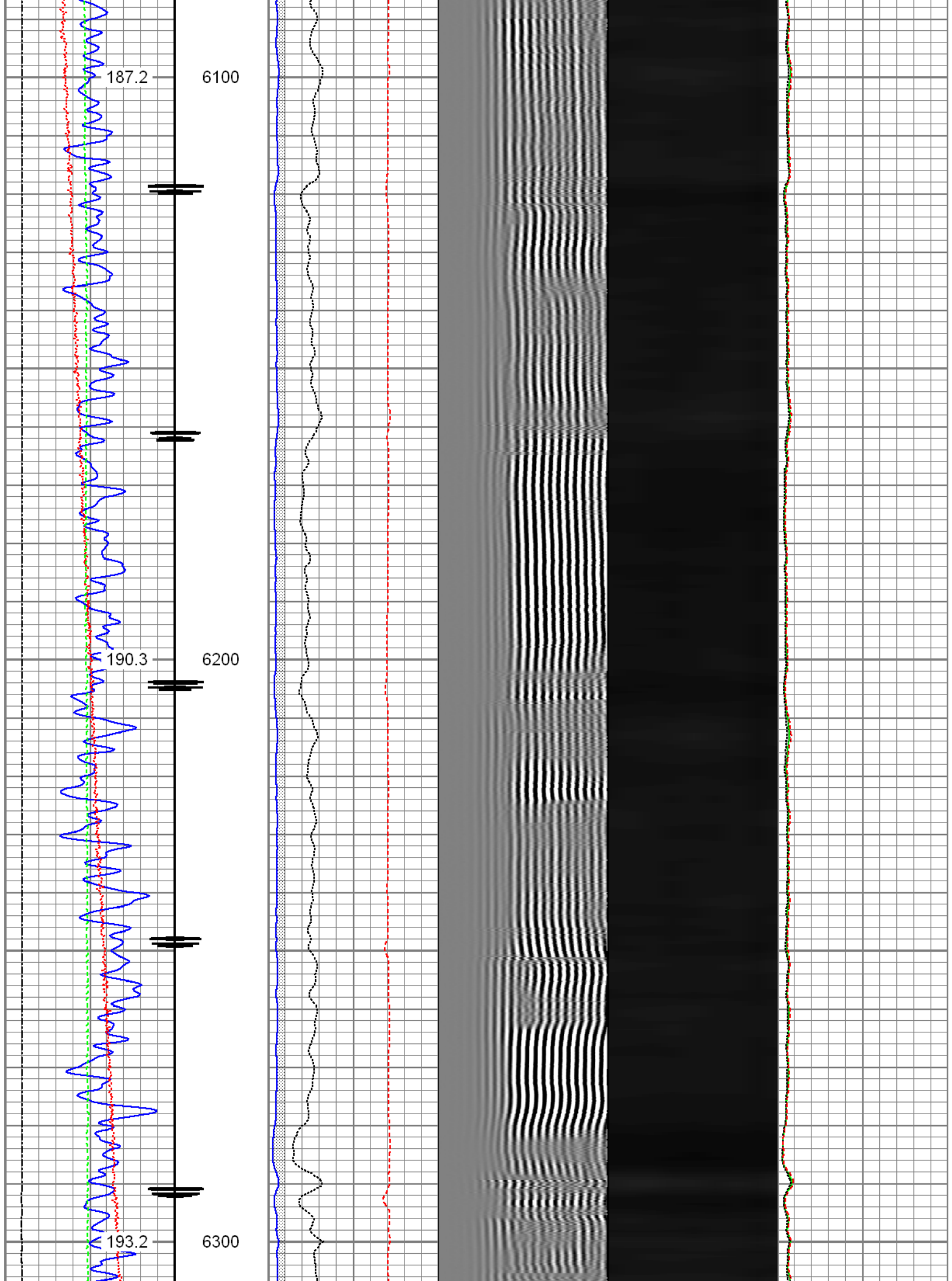


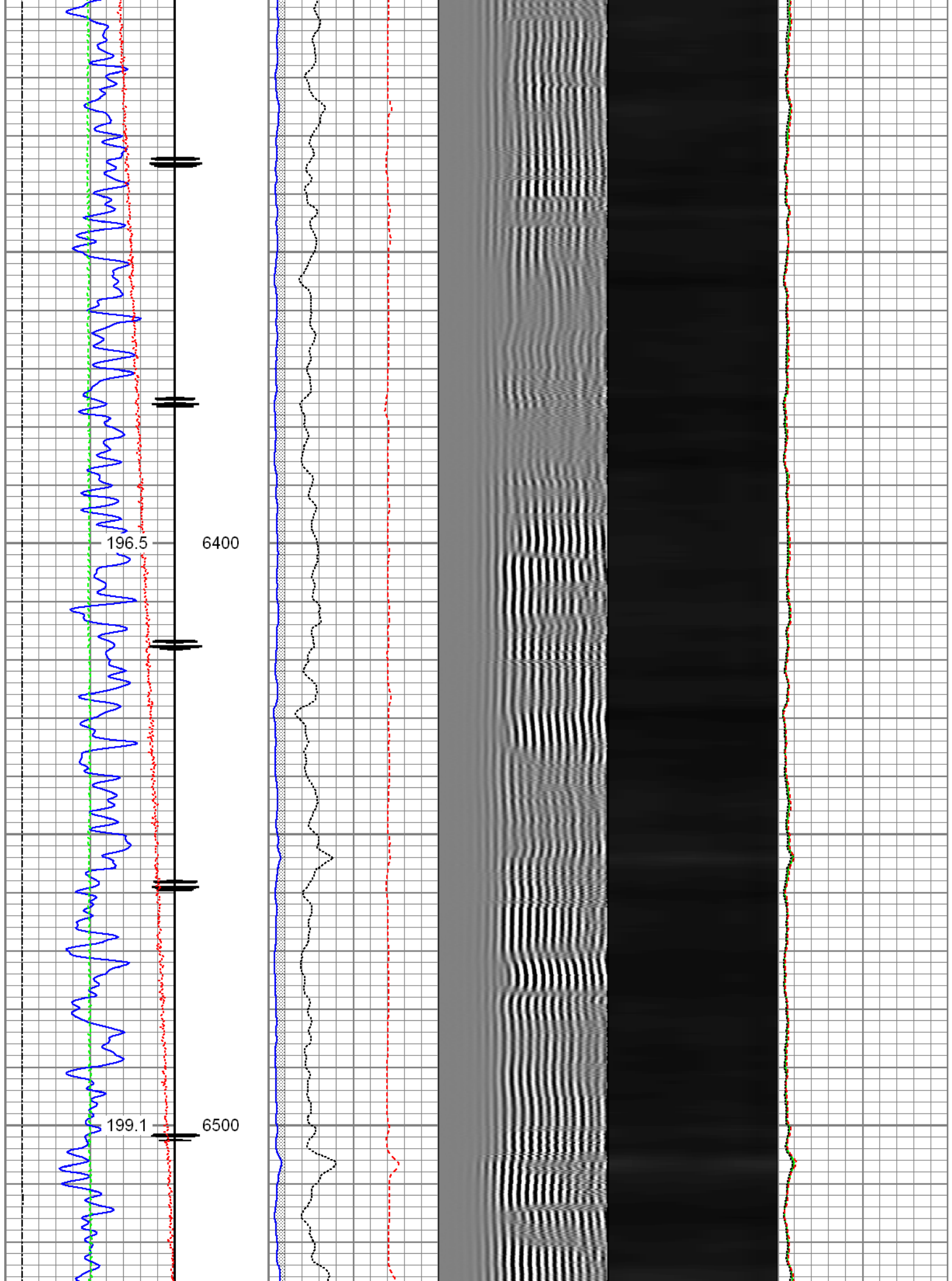


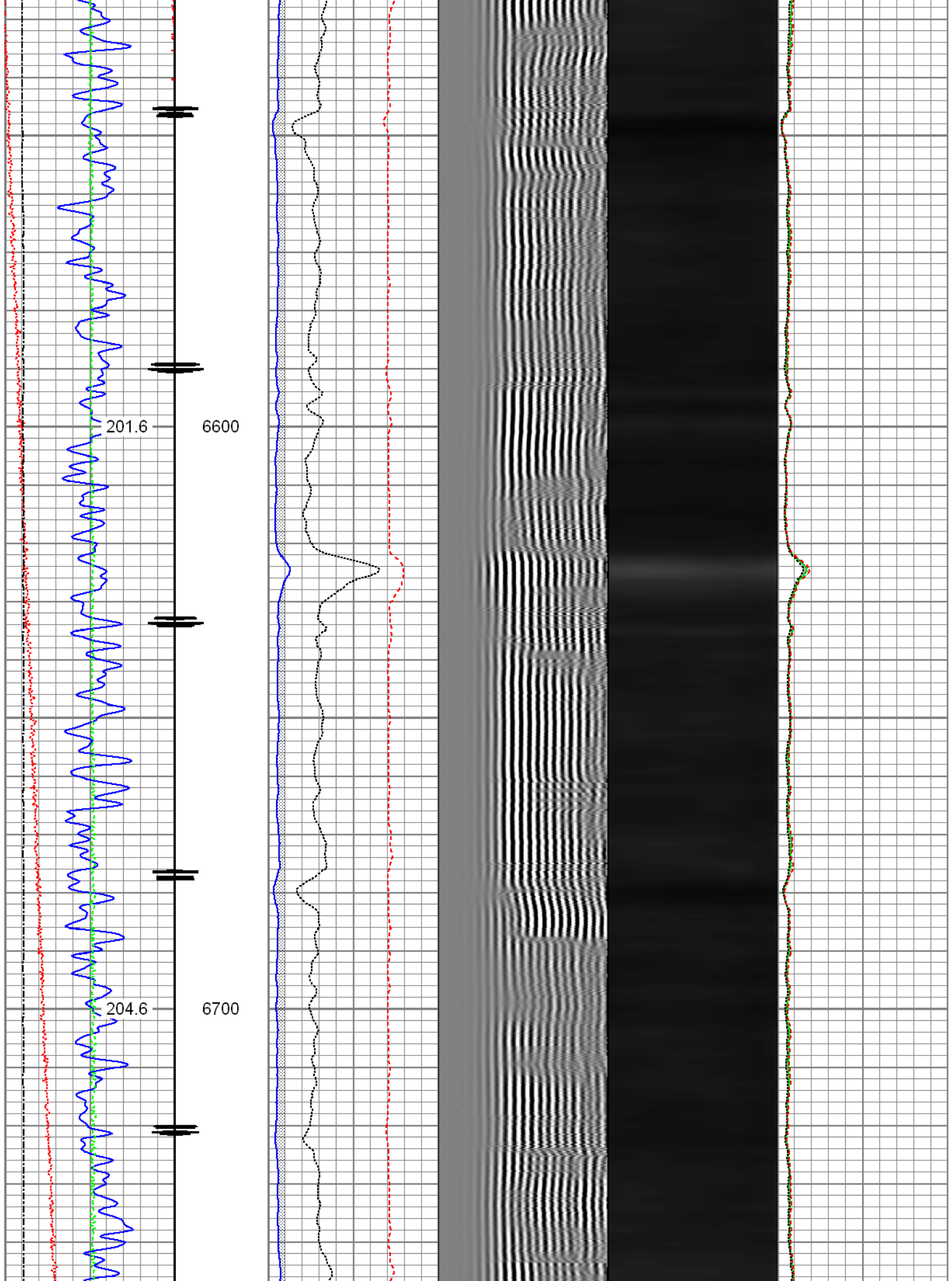


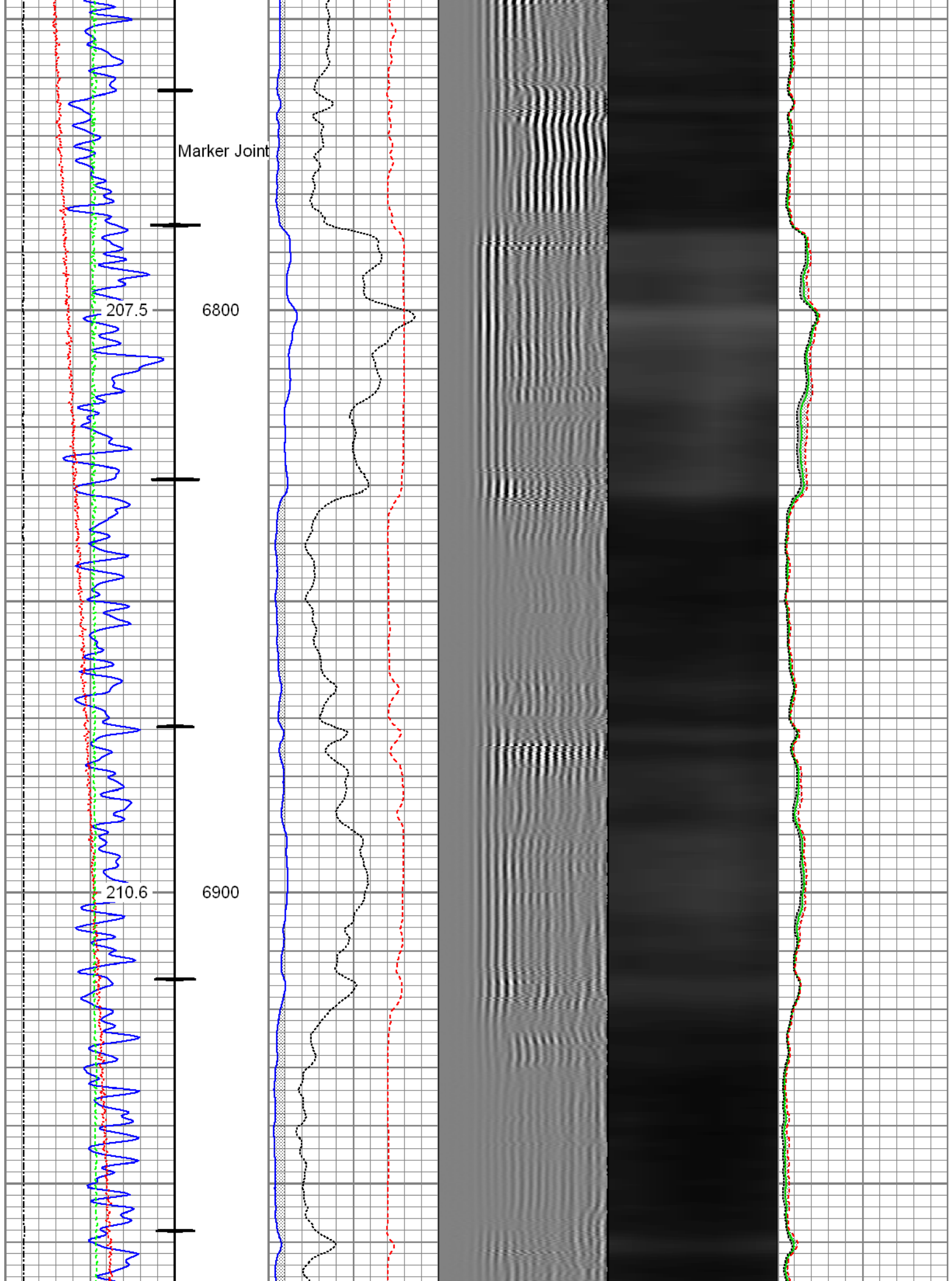


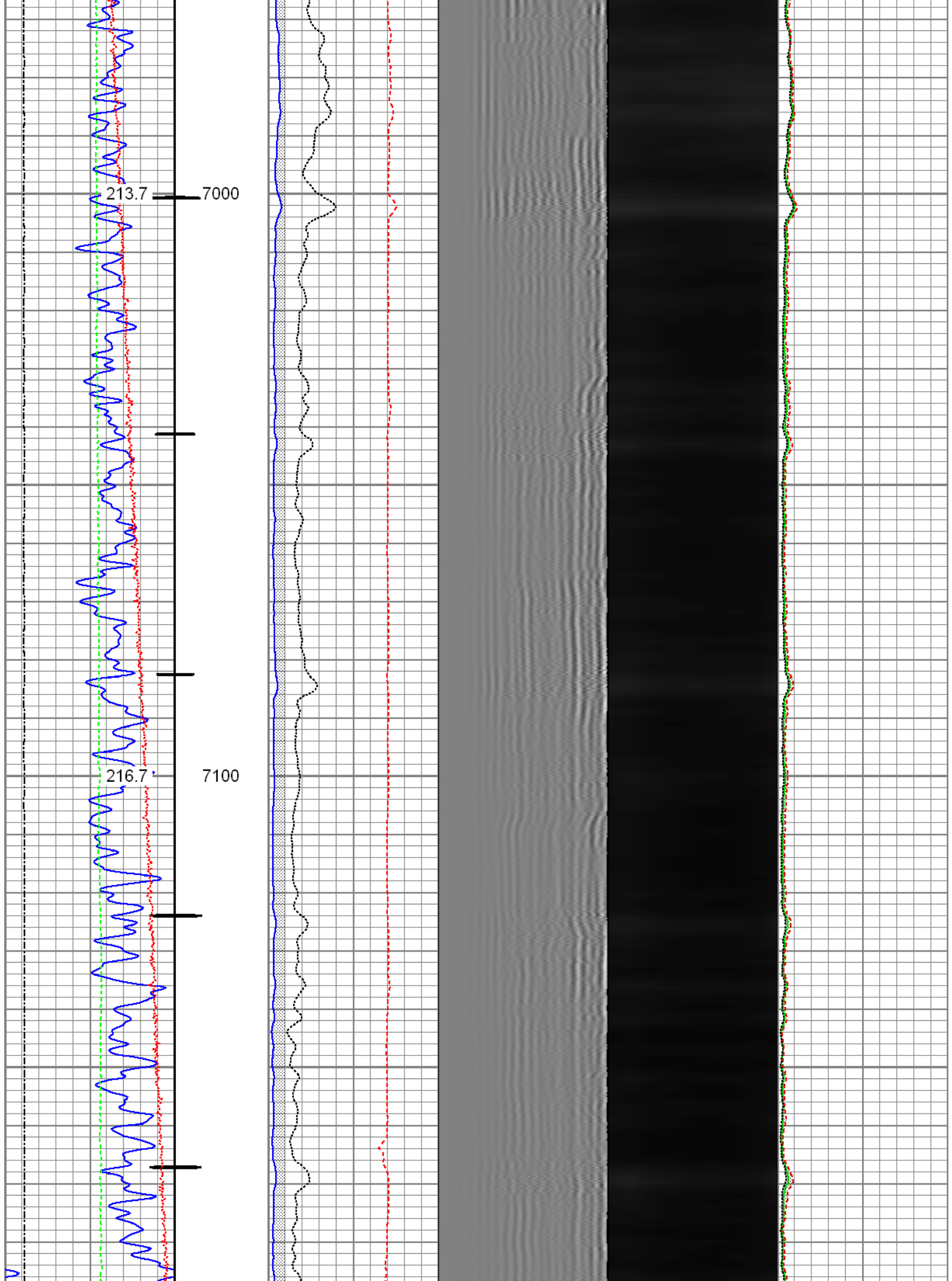


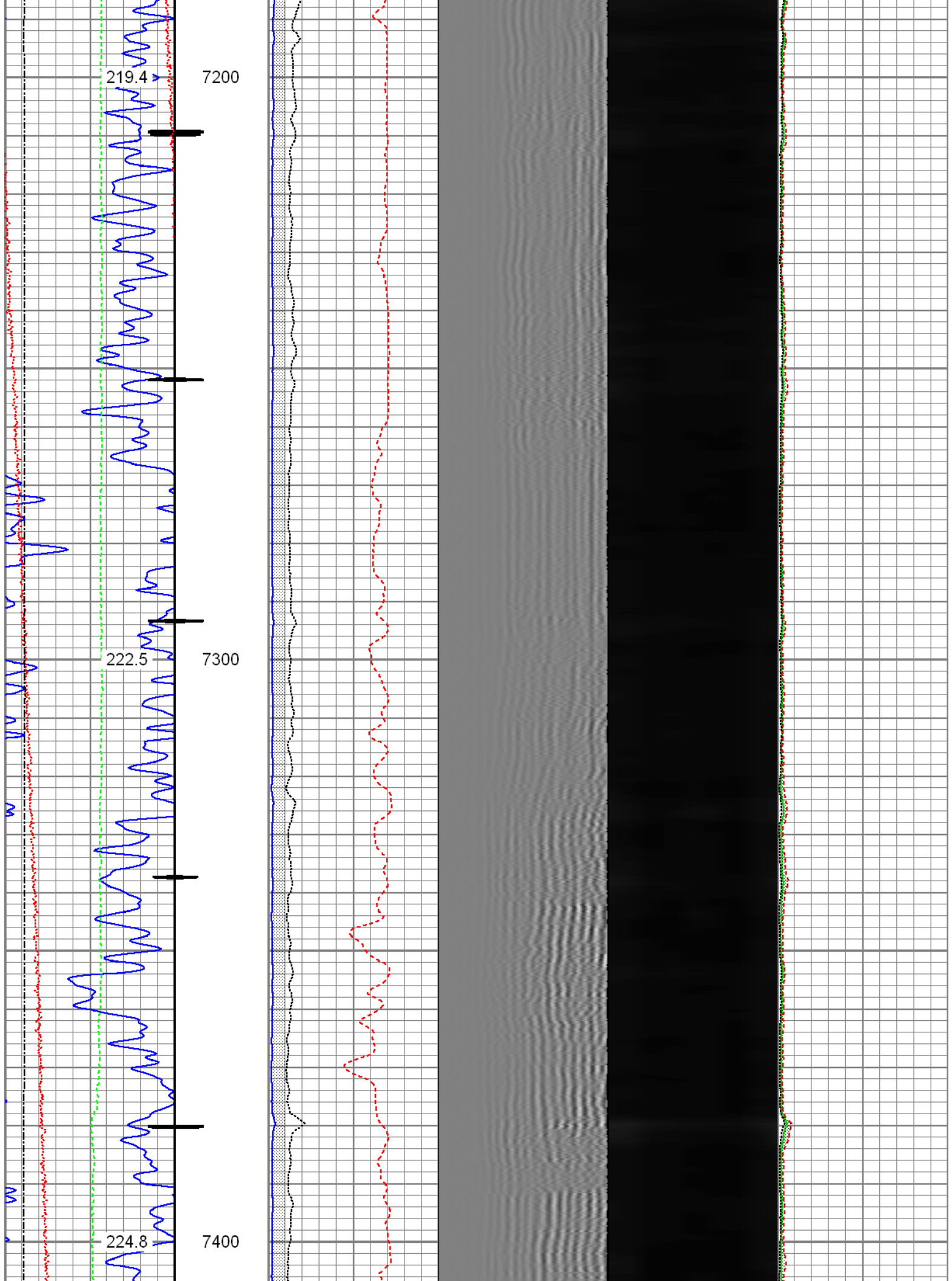


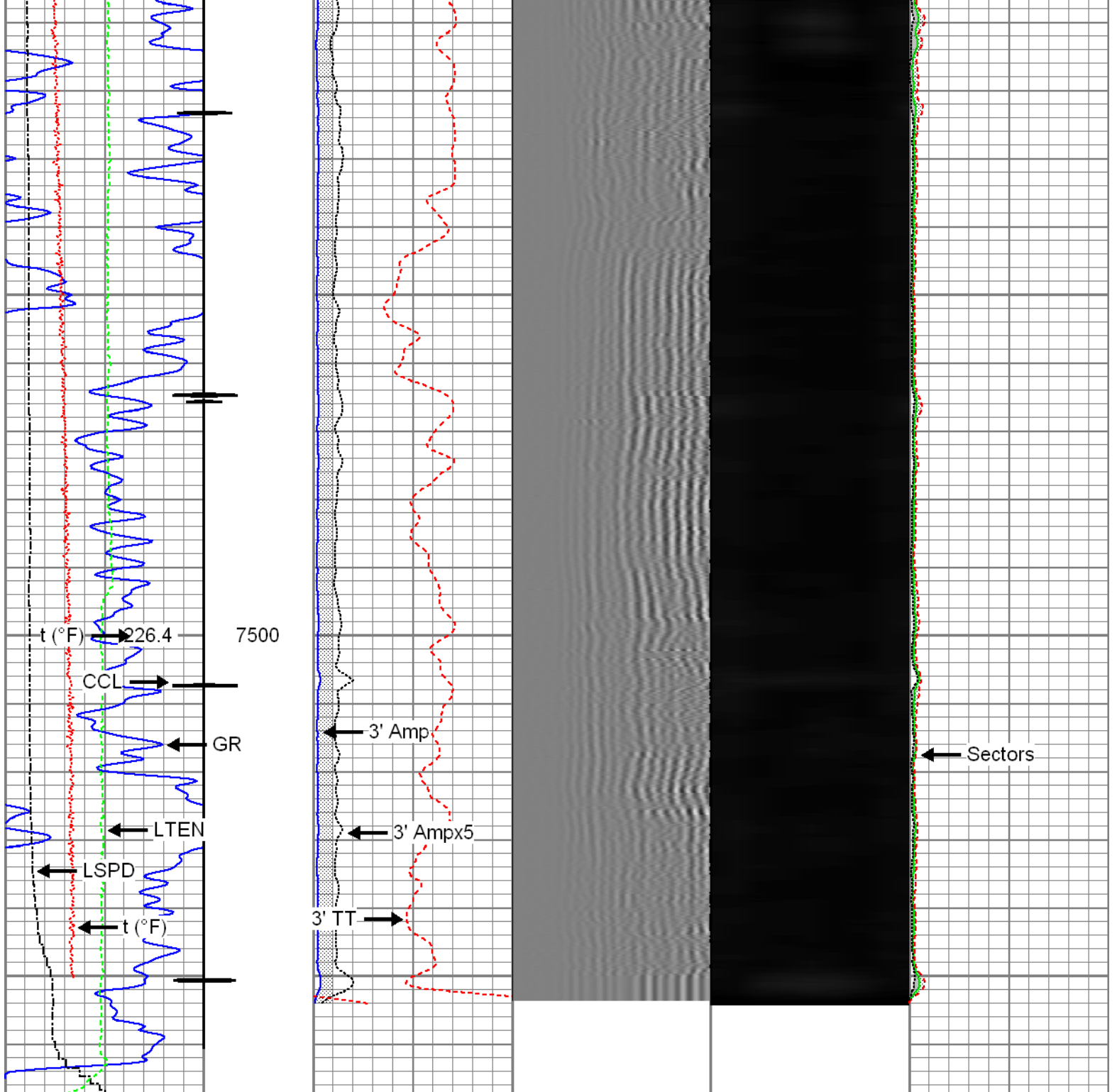










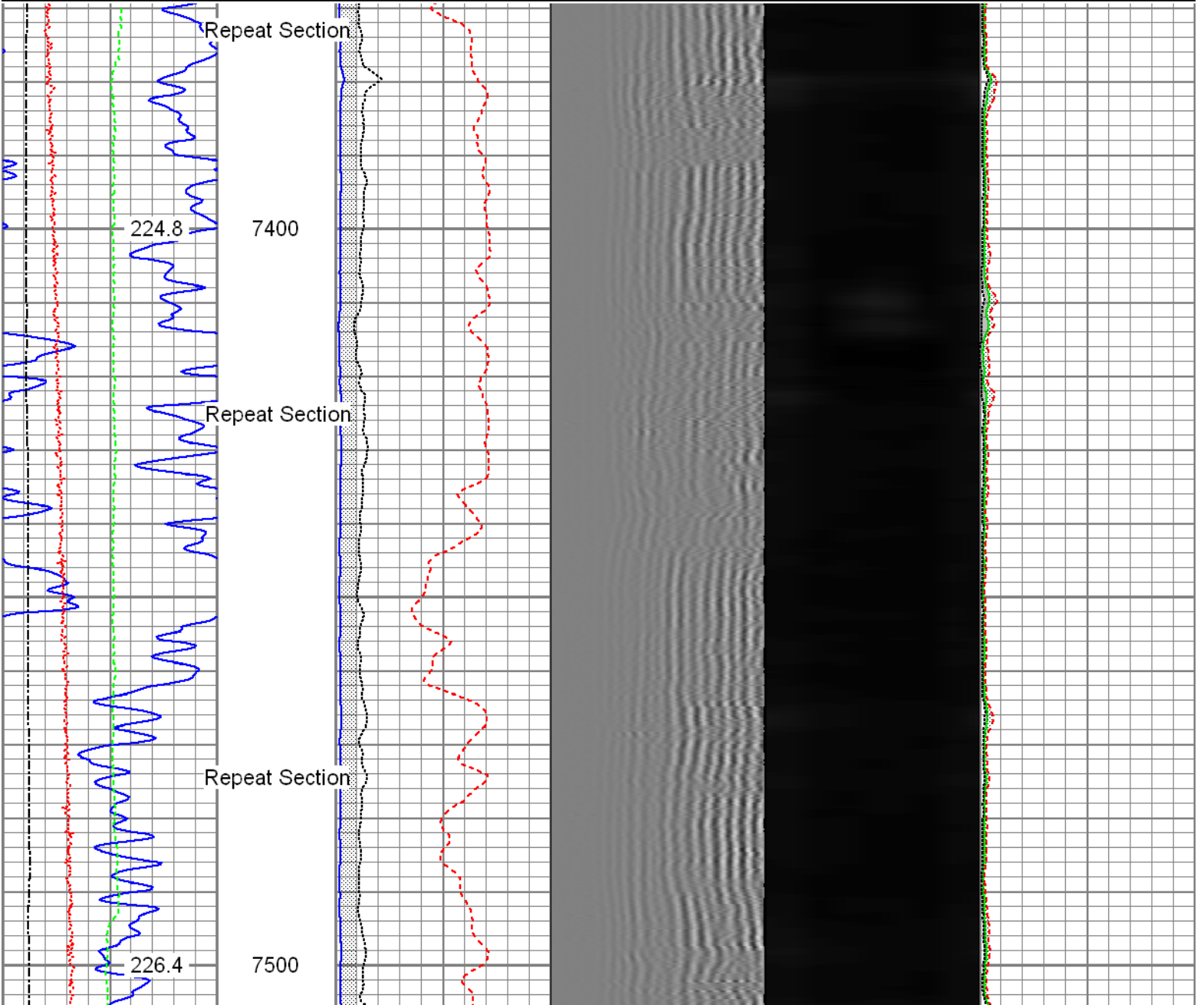


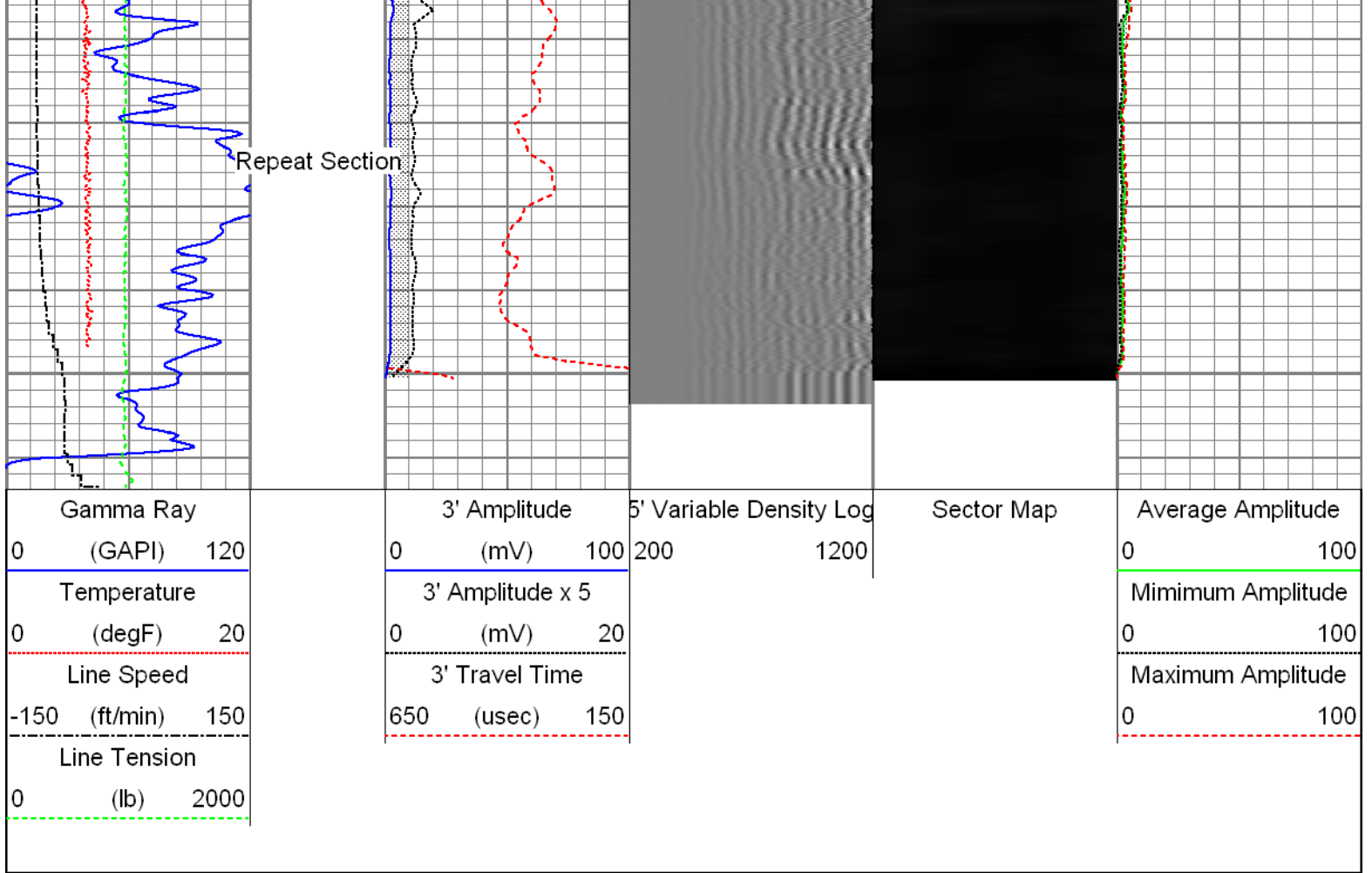
Gamma Ray (GAPI)	3' Amplitude (mV)	5' Variable Density Log	Sector Map	Average Amplitude
0 120	0 100	200 1200		0 100
Casing Collar Locator	3' Amplitude x 5 (mV)			Minimum Amplitude
Temperature (degF)	0 20			0 100
Line Speed (ft/min)	3' Travel Time (usec)			Maximum Amplitude
-150 150	650 150			0 100
Line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

Recorded With 2800 PSI Surface Induced Pressure

Database File: 0512341070_anadarko_whisper rock 10n-25hz_01-26-16_rbl.db
 Dataset Pathname: pass2.1
 Presentation Format: radii
 Dataset Creation: Sat Jan 30 09:34:51 2016 by Calc 7.0 B1
 Charted by: Depth in Feet scaled 1:240

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





Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)	
			T_CH14375_1_GO Titan 1-7/16" Assembled Electric Cable Head with 1" Fishing Neck	1.03	1.44	4.00	
			Probe_IL_BS_Cent Probe 2-3/4" Inline Electrical Inline Bowspring Centralizer	2.88	2.75	10.00	
HeadVolt	19.49						
Temp	16.72						
WV3FT	14.55		Probe_RADII-C-2-3/4" (FW1305-096) Probe 2-3/4" Sector Cement Bond Tool with Temperature Probe	9.19	2.75	105.00	
WVFCAL	14.55						
WVFS1	14.55						
WVFS2	14.55						
WVFS3	14.55						
WVFS4	14.55						
WVFS5	14.55						
WVFS6	14.55						
WVFS7	14.55						

WVFS8 WVF5FT	14.55 13.55		Probe_IL_BS_Cent Probe 2-3/4" Inline Electrical Inline Bowspring Centralizer	2.88	2.75	10.00
CCL DCCL	6.51 6.51		Probe_CCL_GR-2.75"Digital (FW1212-026) Probe 2-3/4" Digital CCL / Gamma Ray Combined	4.54	2.75	55.00
GR	3.77		Probe_IL_BS_Cent Probe 2-3/4" Inline Electrical Inline Bowspring Centralizer	2.88	2.75	10.00

Dataset: 0512341070_Anadarko_Whisper Rock 10N-25HZ_01-26-16_RBL.db: field/well/run1/pass4.1
 Total Length: 23.40 ft
 Total Weight: 194.00 lb
 O.D. 2.75 in

Calibration Report

Database File: 0512341070_Anadarko_Whisper Rock 10N-25HZ_01-26-16_RBL.db
 Dataset Pathname: pass4.1
 Dataset Creation: Sat Jan 30 09:30:00 2016 by Calc 7.0 B1

Gamma Ray Calibration Report

Serial Number: FW1212-026
 Tool Model: 2.75"Digital
 Performed: Fri Jan 08 09:20:24 2016
 Calibrator Value: 1.0 GAPI
 Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps
 Sensitivity: 0.6000 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: FW1305-096
 Tool Model: 2-3/4"
 Calibration Casing Diameter: 5.500 in
 Calibration Depth: 85.000 ft

Master Calibration, performed Sat Jan 30 09:29:53 2016:

Raw (v)

Calibrated (mv)

Results

	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.000	0.562	0.800	71.921	126.738	0.741
CAL	0.006	0.610				
5'	0.000	0.516	0.800	71.921	137.995	0.783
SUM						
S1	0.000	0.531	0.000	100.000	188.505	-0.077
S2	0.000	0.527	0.000	100.000	189.974	-0.087
S3	0.001	0.539	0.000	100.000	185.766	-0.148
S4	0.001	0.559	0.000	100.000	179.279	-0.154
S5	0.001	0.587	0.000	100.000	170.549	-0.183
S6	0.001	0.608	0.000	100.000	164.868	-0.163
S7	0.001	0.597	0.000	100.000	167.590	-0.090
S8	0.000	0.572	0.000	100.000	174.873	-0.048

Internal Reference Calibration, performed Tue Jan 26 12:25:35 2016:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.006	0.608	0.006	0.610	1.004	0.000

Air Zero Calibration, performed Tue Jan 26 12:24:58 2016:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.006	0.000	-0.000
5'	0.006	0.000	-0.000
SUM			
S1	0.006	0.000	0.000
S2	0.006	0.000	0.000
S3	0.006	0.000	0.000
S4	0.006	0.000	0.000
S5	0.006	0.000	0.000
S6	0.006	0.000	0.000
S7	0.006	0.000	-0.000
S8	0.006	0.000	-0.000



Company Kerr-McGee Oil & Gas Onshore, L.P.
Well Whisper Rock 10N-25HZ
Field Wattenberg
County Weld
State Colorado