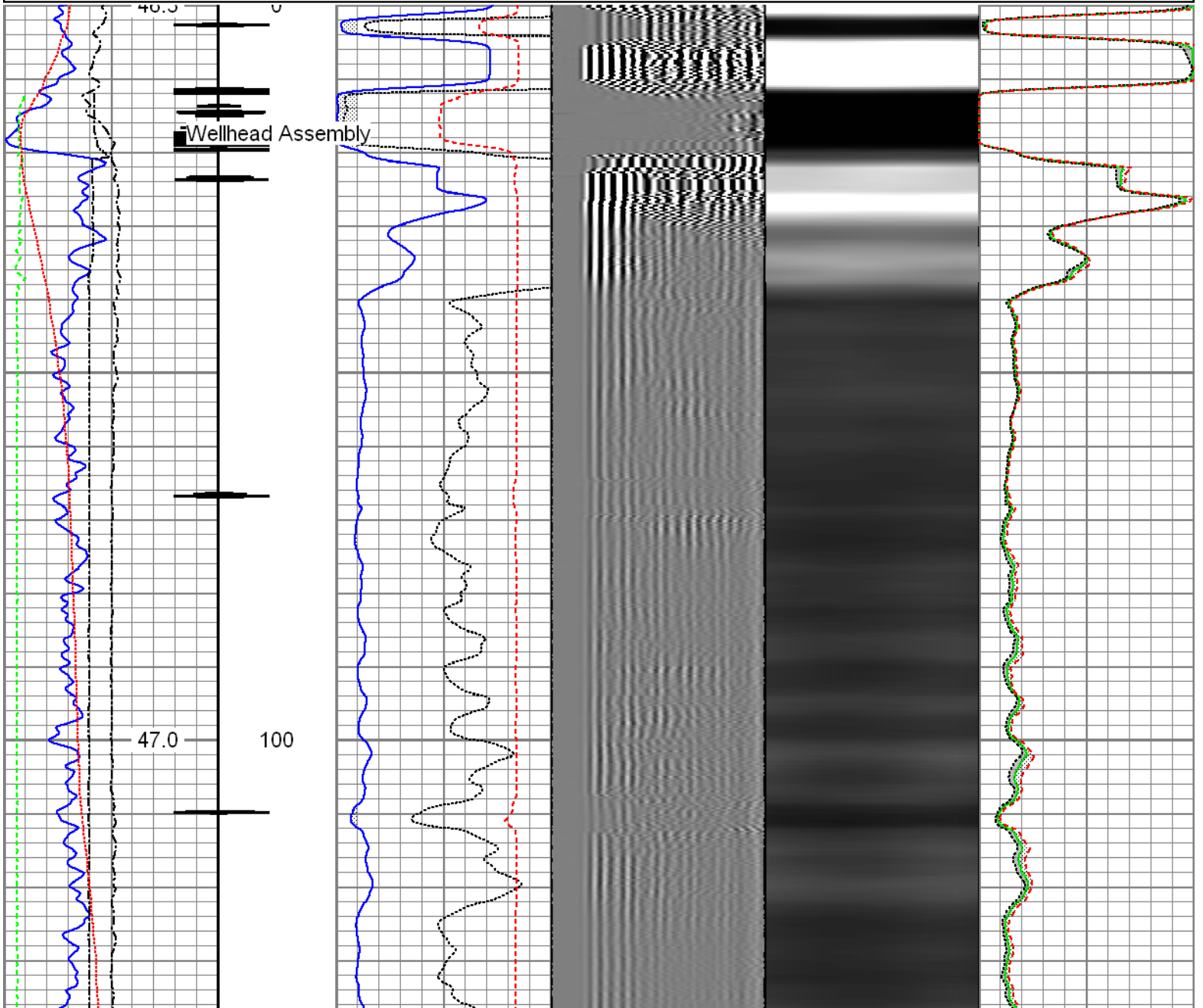
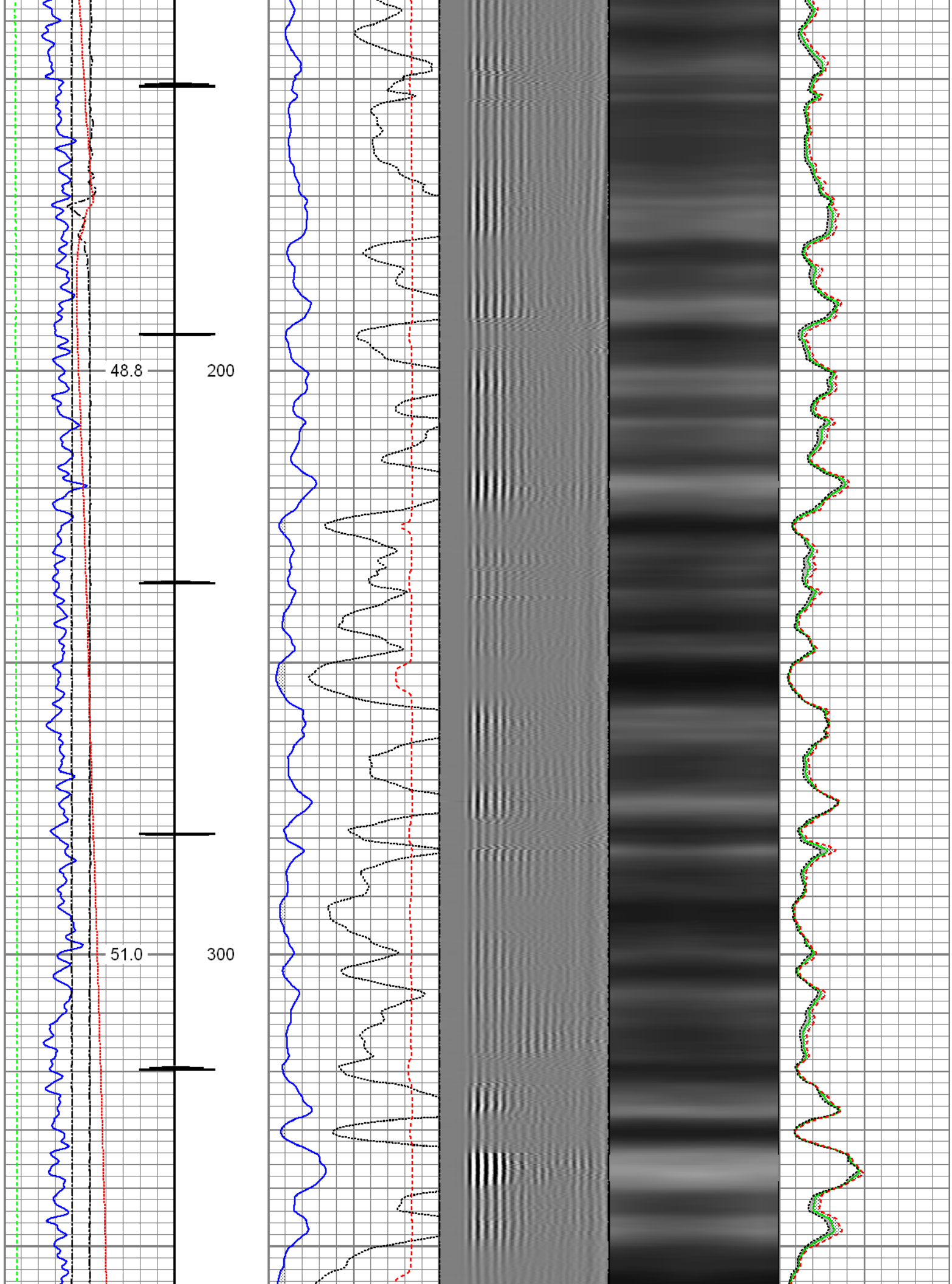
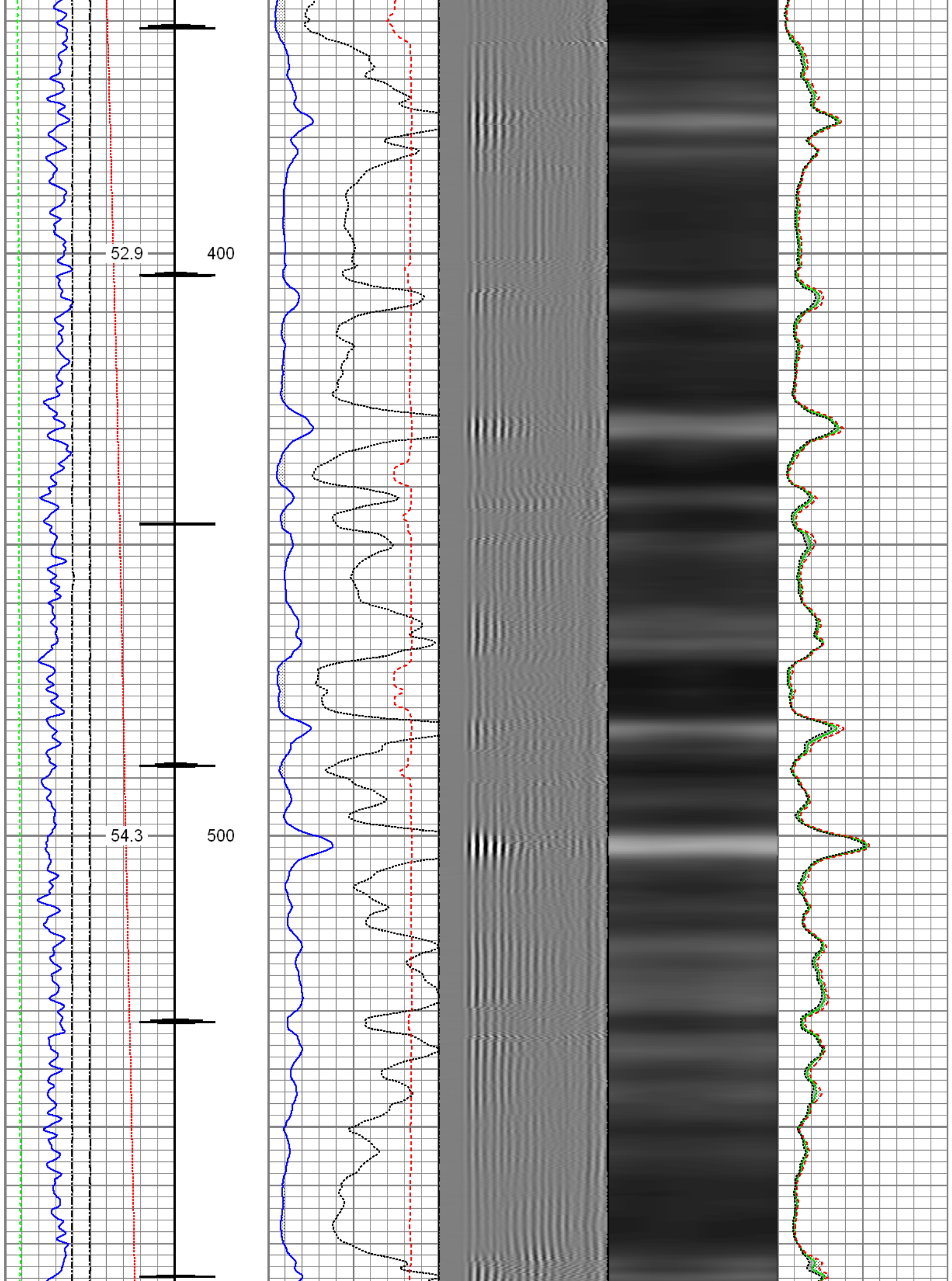


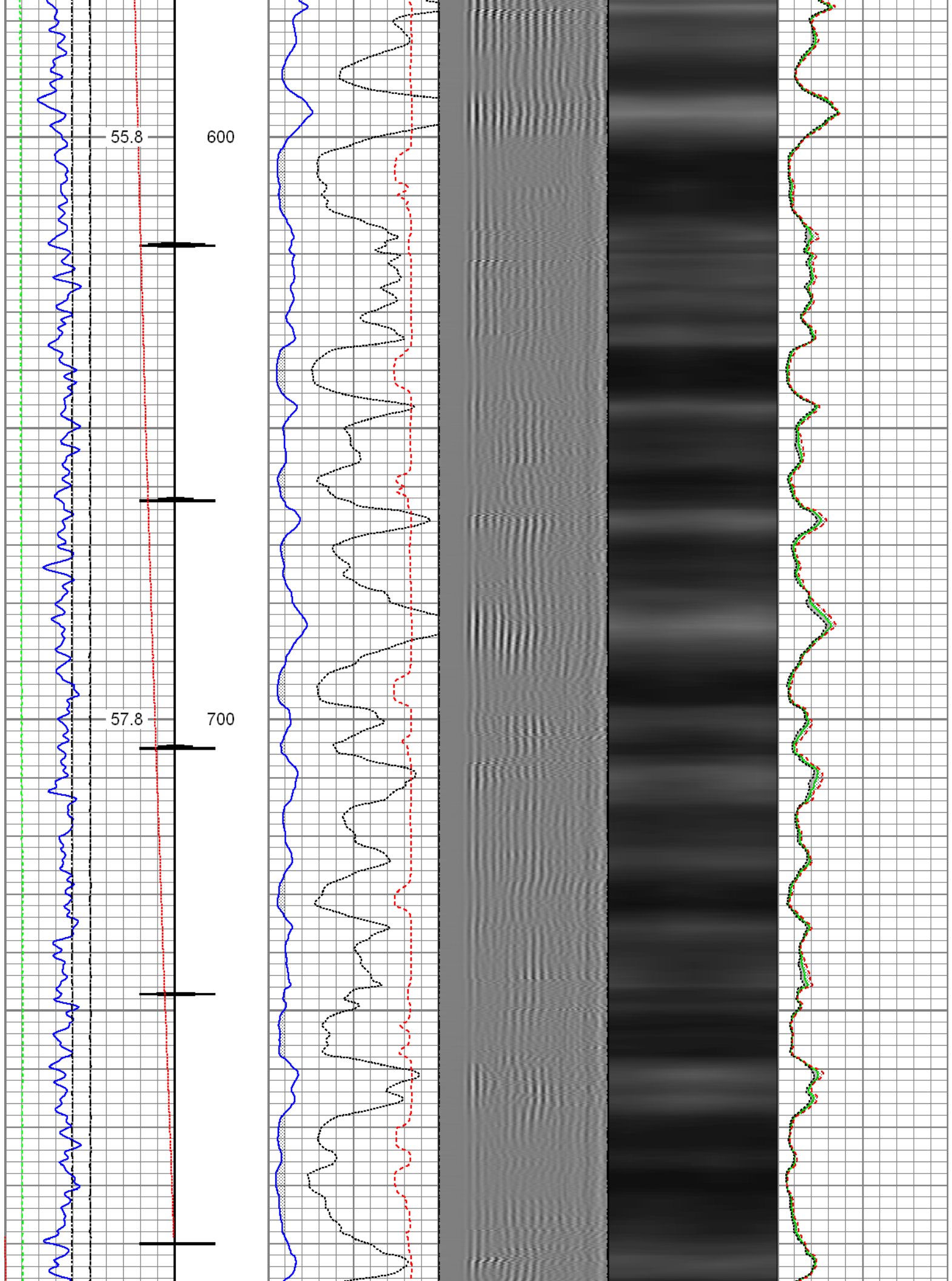
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 Dataset Pathname: pass4.1
 Presentation Format: rbt004
 Dataset Creation: Wed Jan 27 10:48:34 2016 by Calc SCH 120430
 Charted by: Depth in Feet scaled 1:240

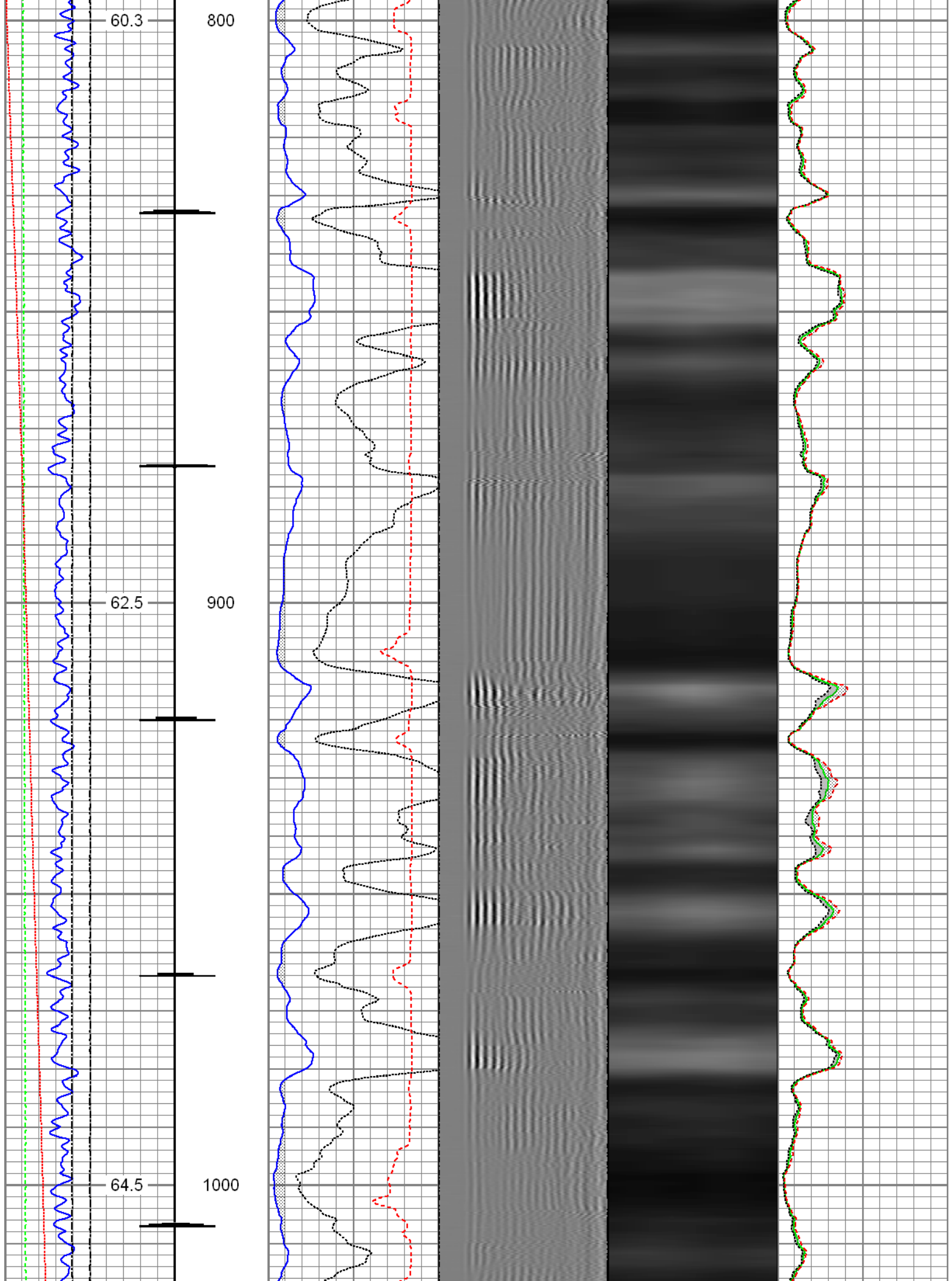
Gamma Ray 0 (GAPI) 120	3' Amplitude 0 (mV) 100	5' Variable Density Log 200 1200	Sector Map	Average Amplitude 0 100
Casing Collar Locator	3' Amplitude x 5 0 (mV) 20			Minimum Amplitude 0 100
Line Speed -150 (ft/min) 150	3' Travel Time 650 (usec) 150			Maximum Amplitude 0 100
Line Tension 0 (lb) 2000				
Differential Temperature -2 (degF) 2				
Temperature 0 (degF) 20				

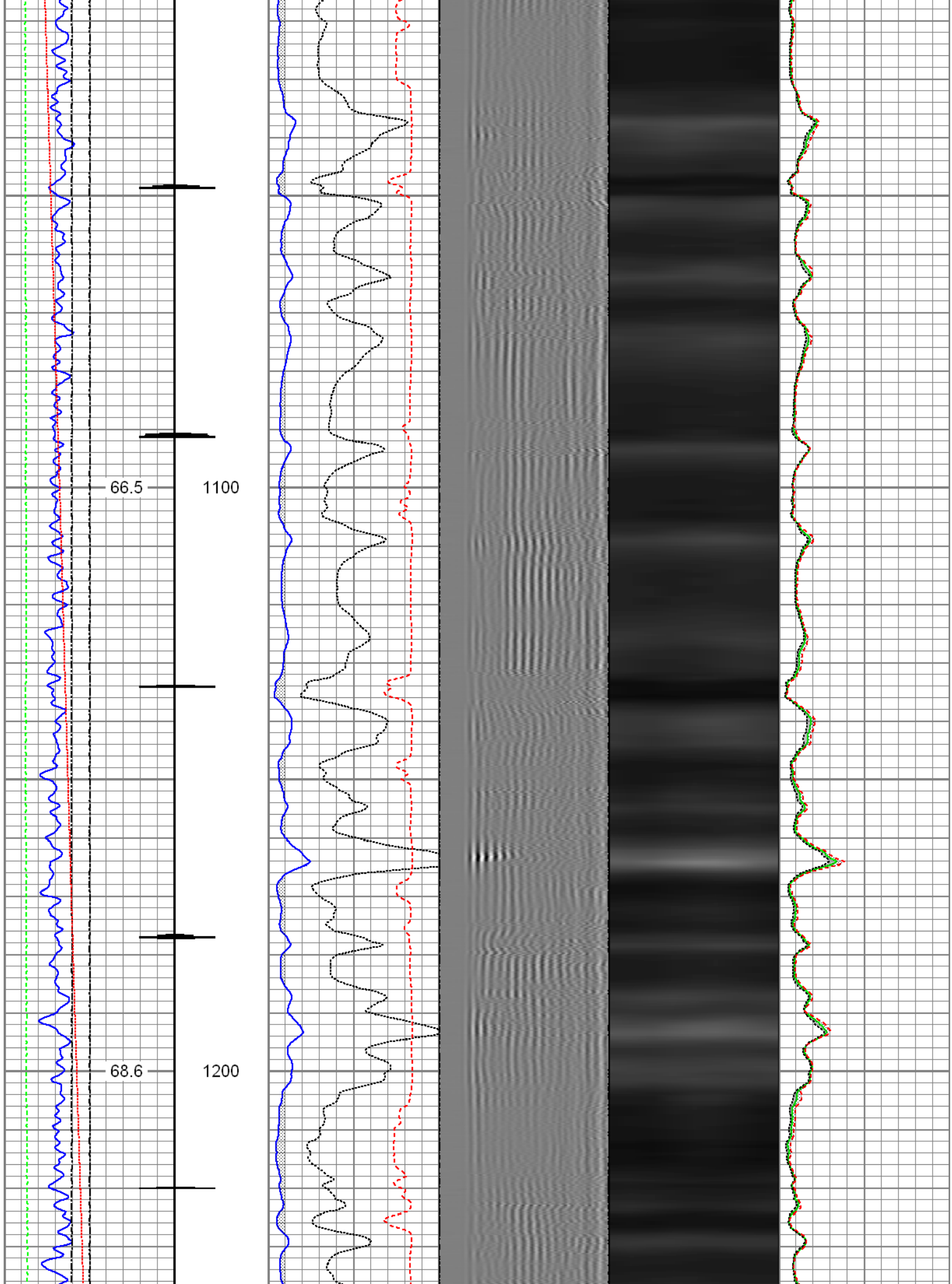


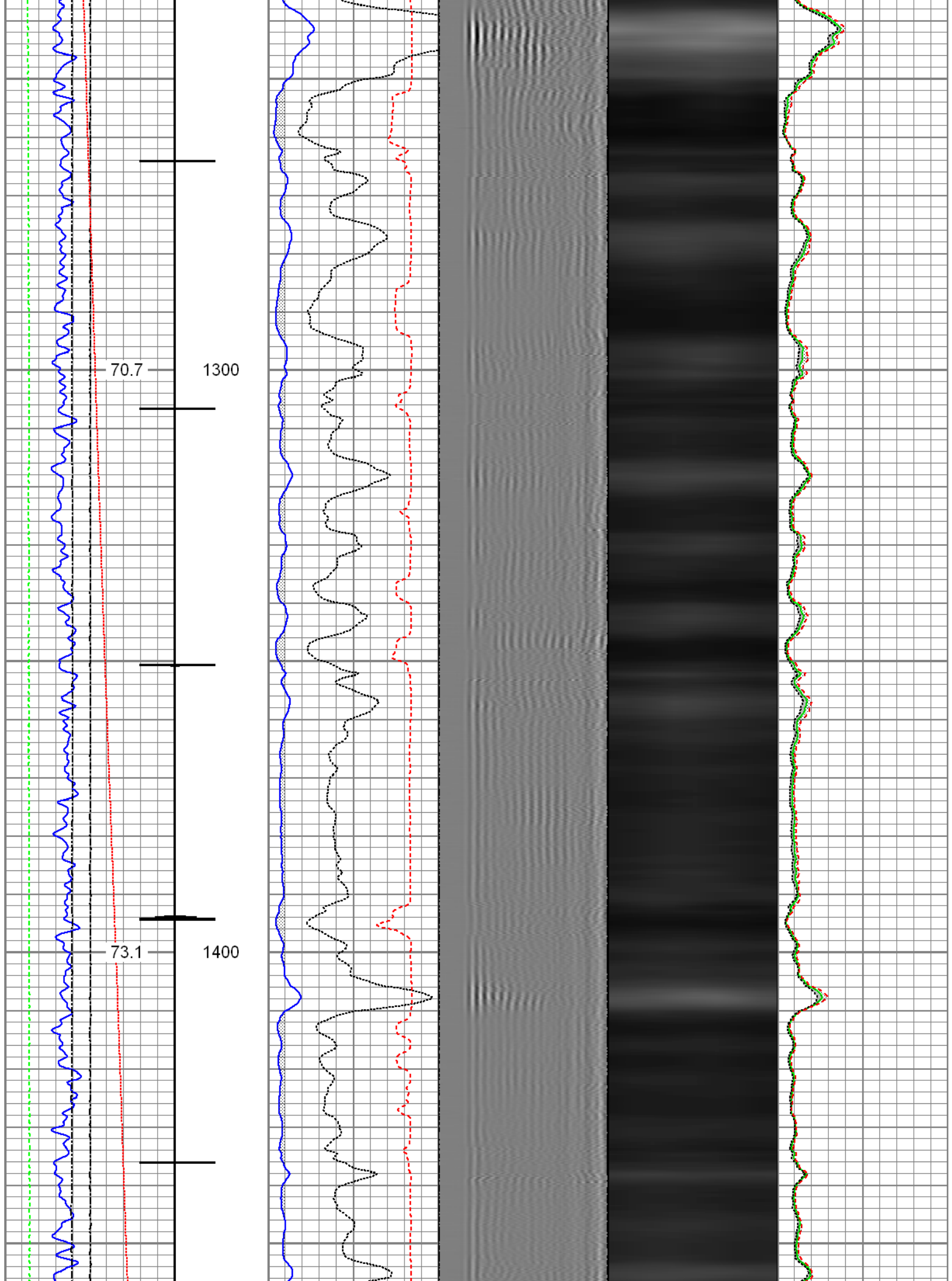


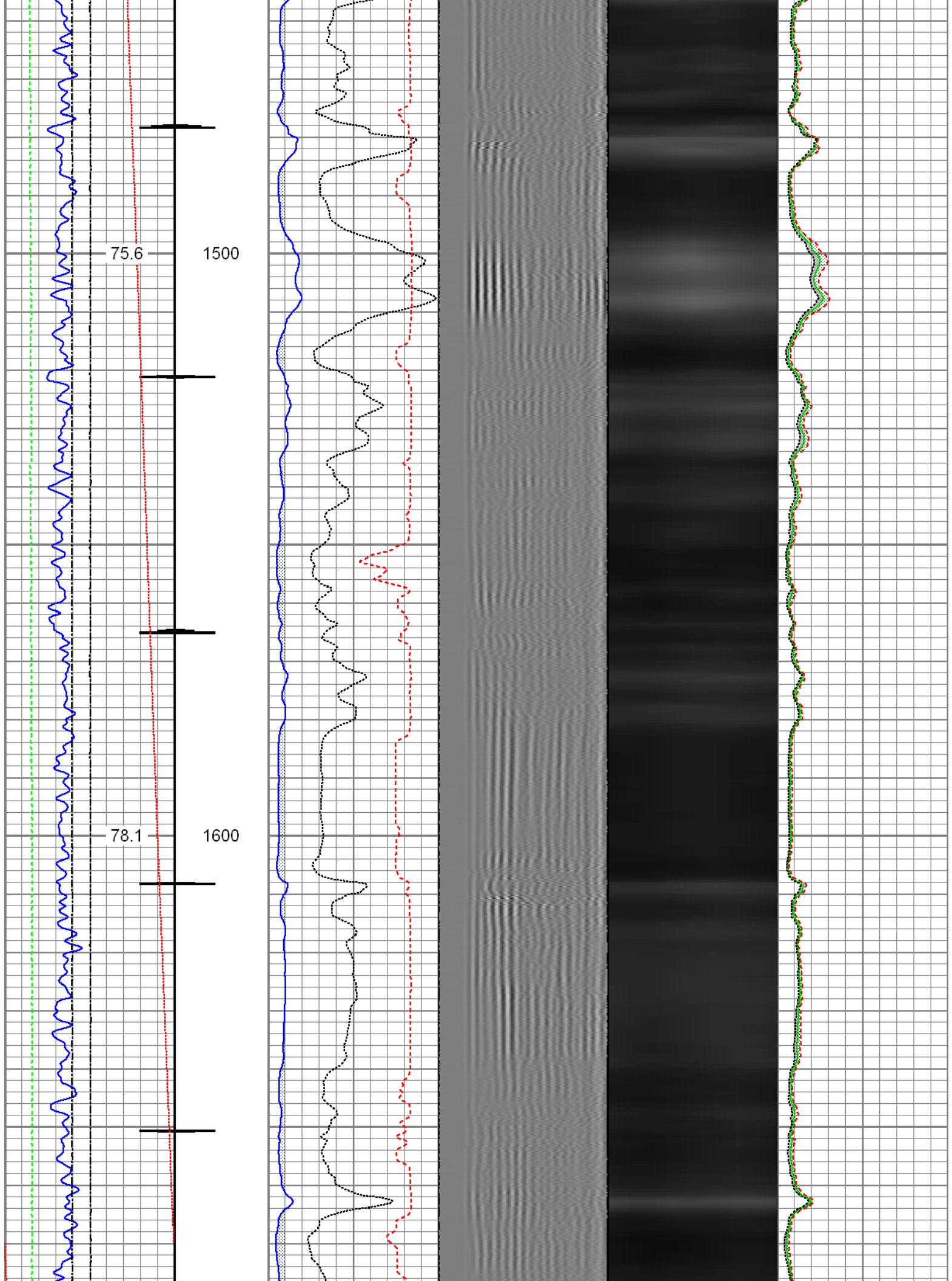


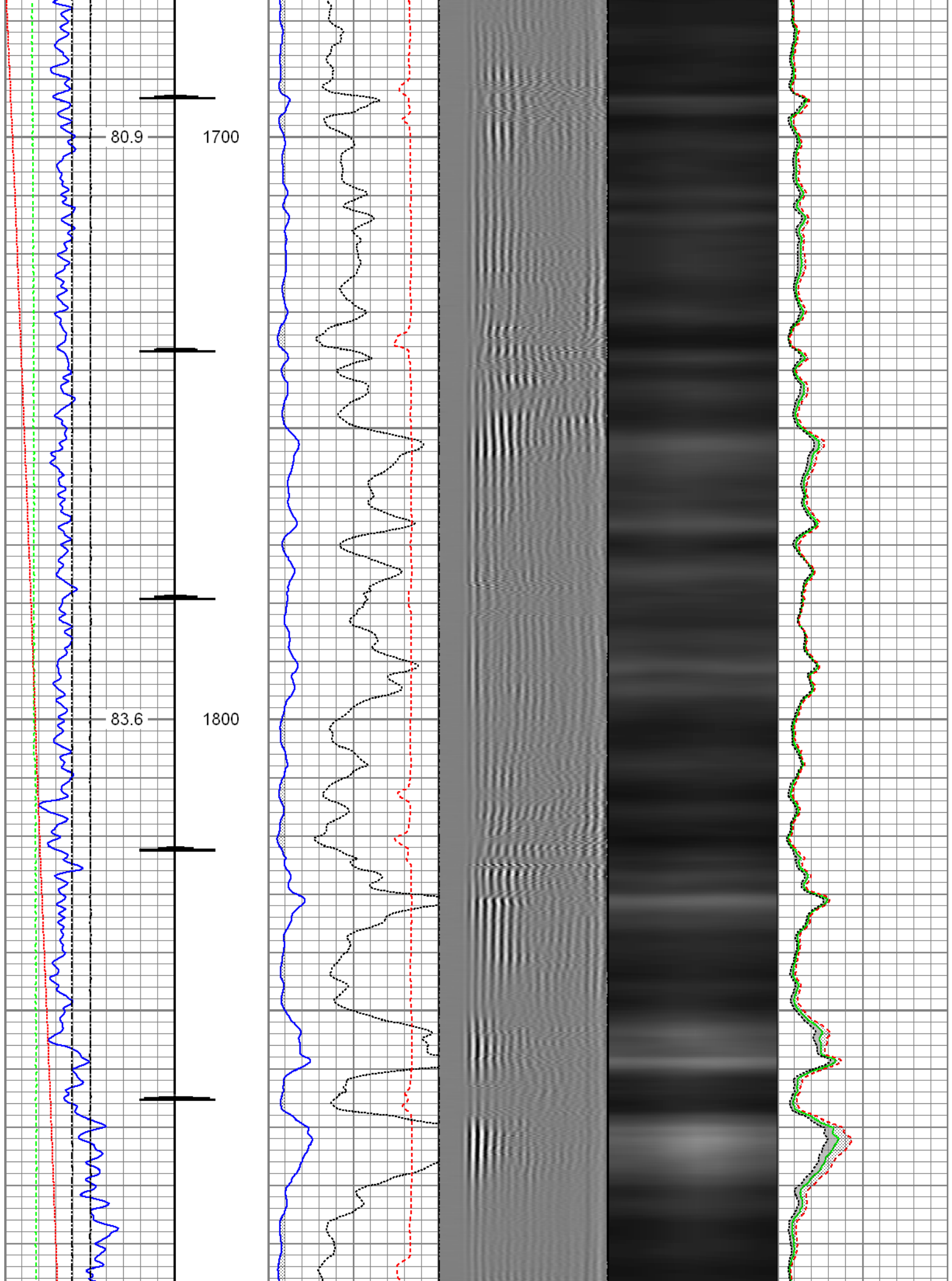


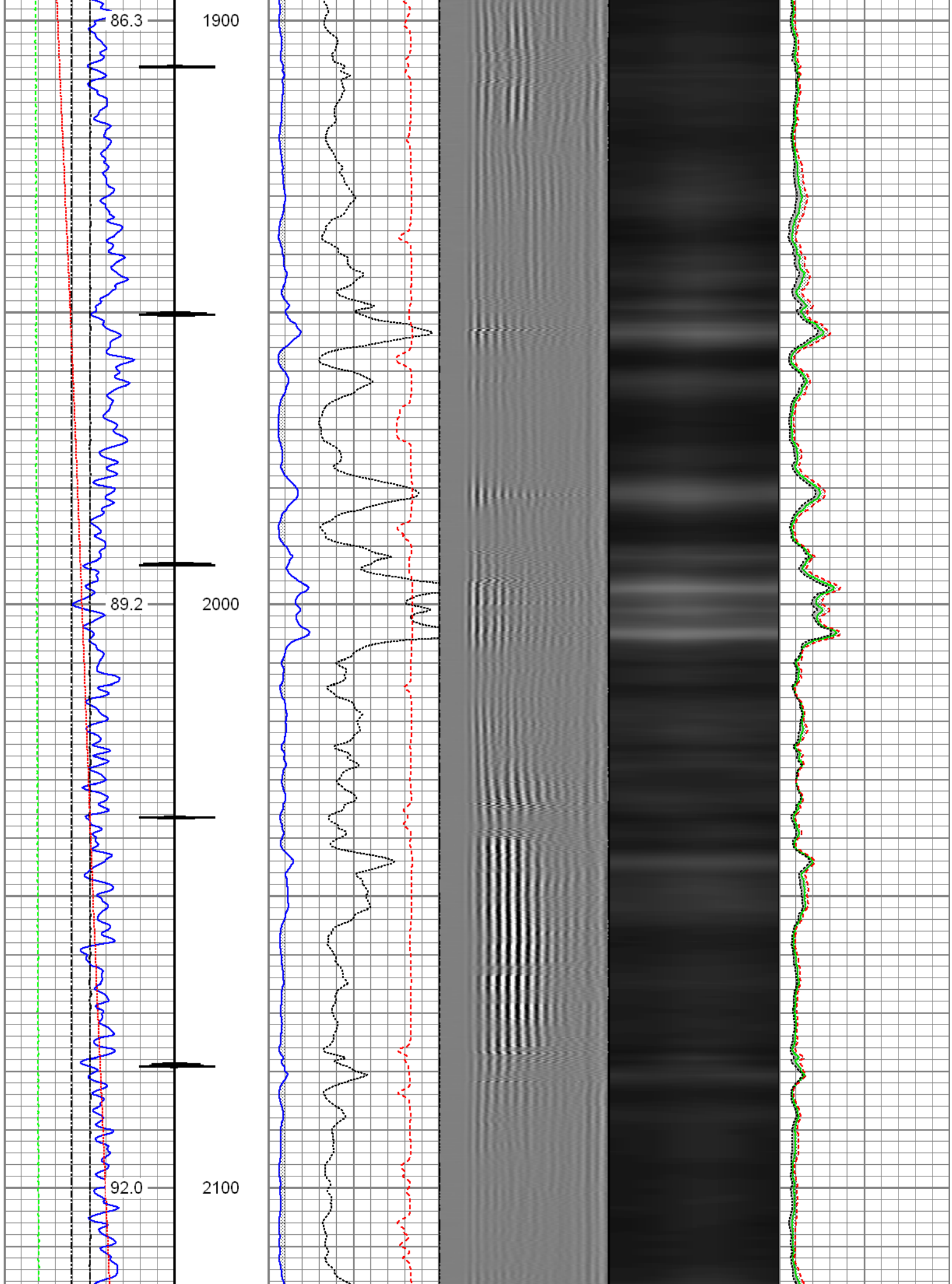


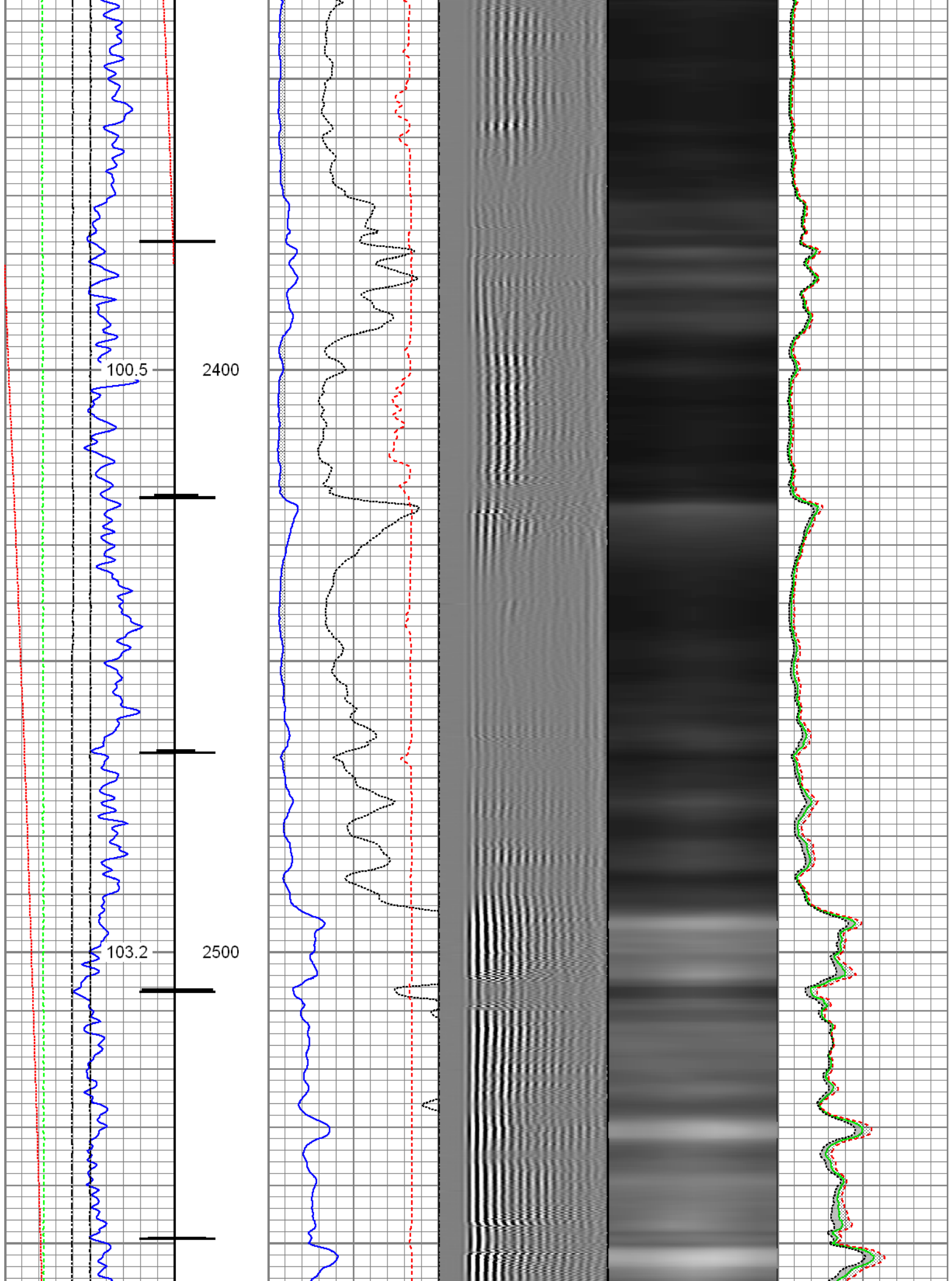


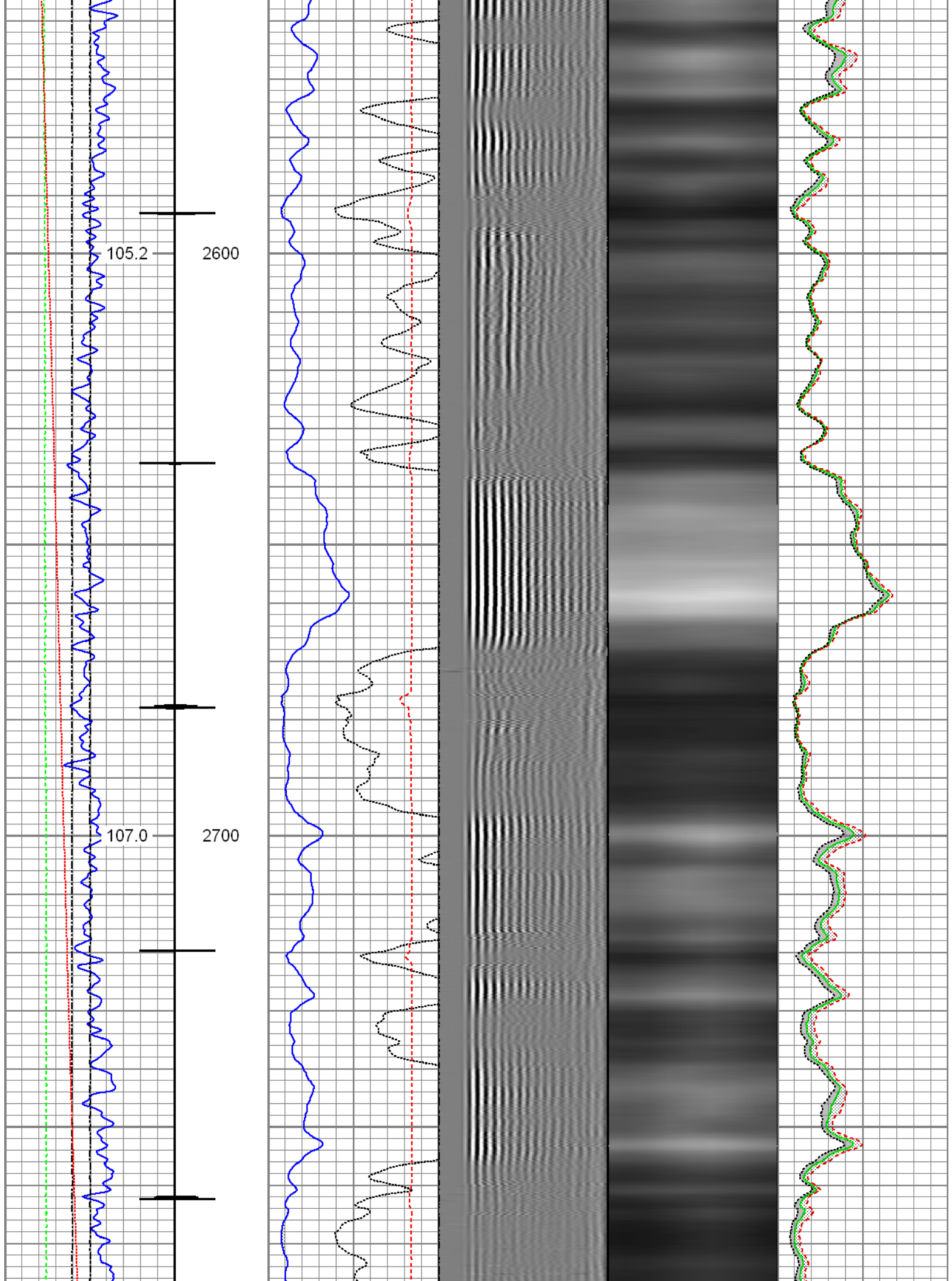


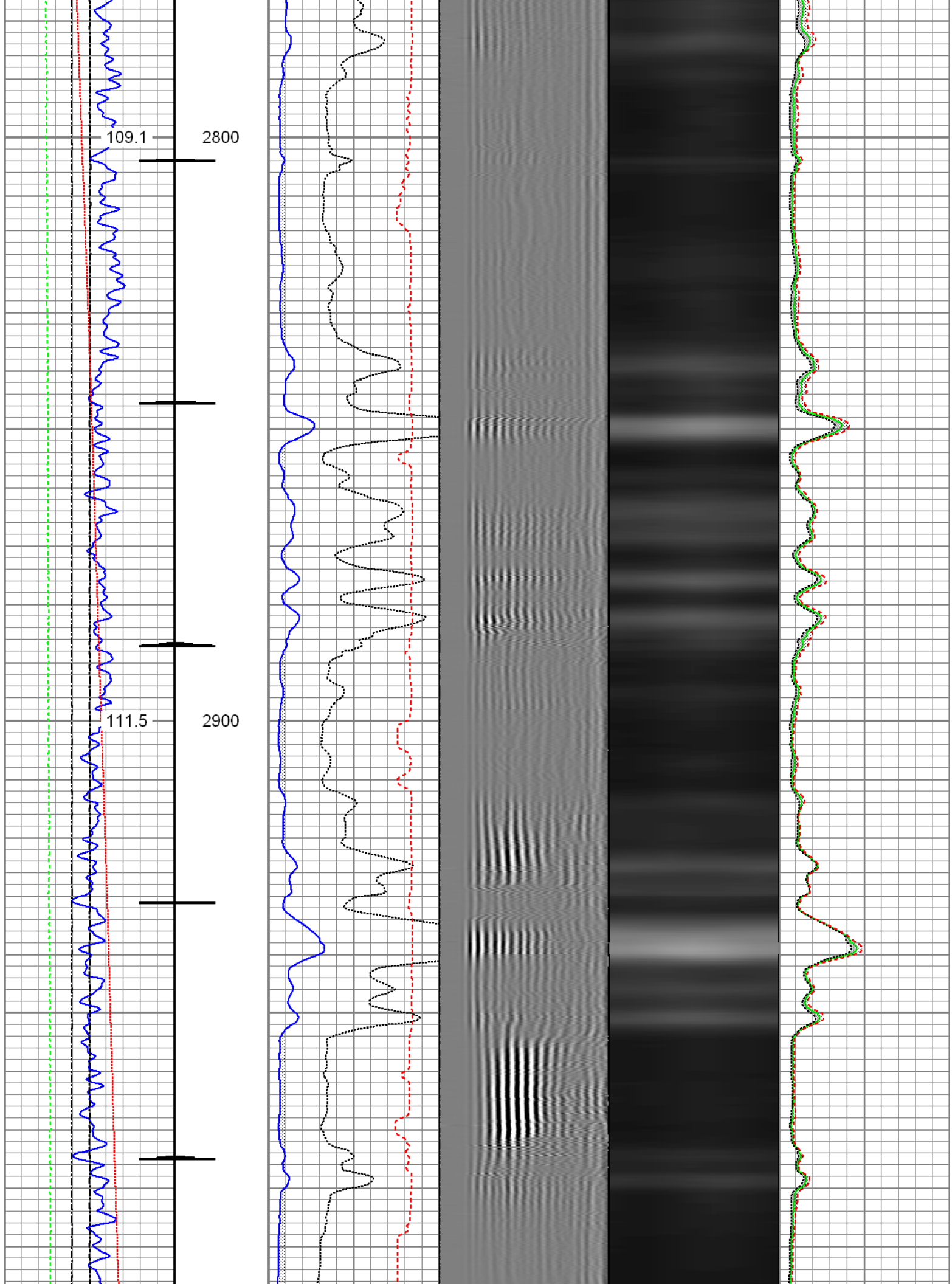


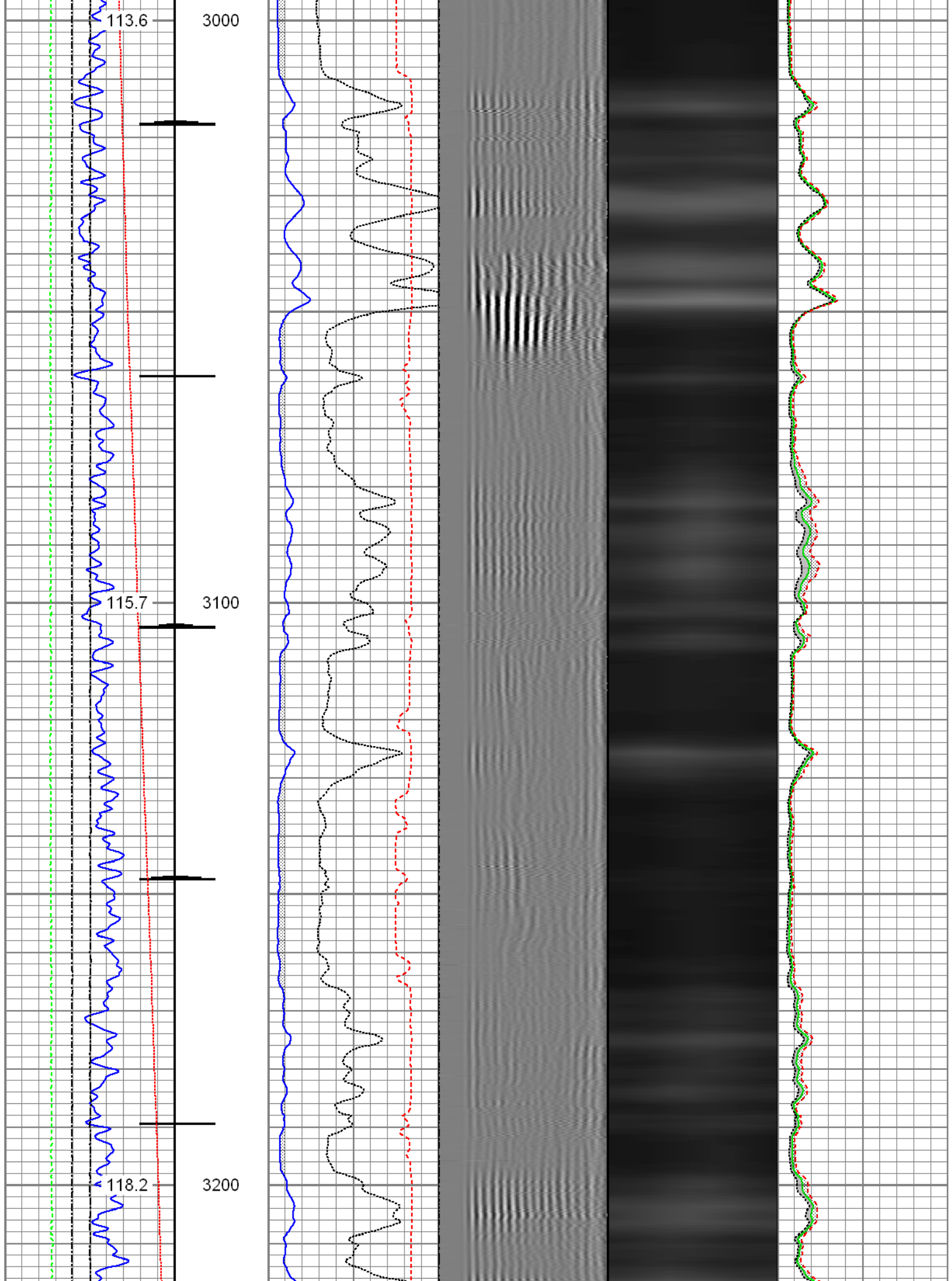


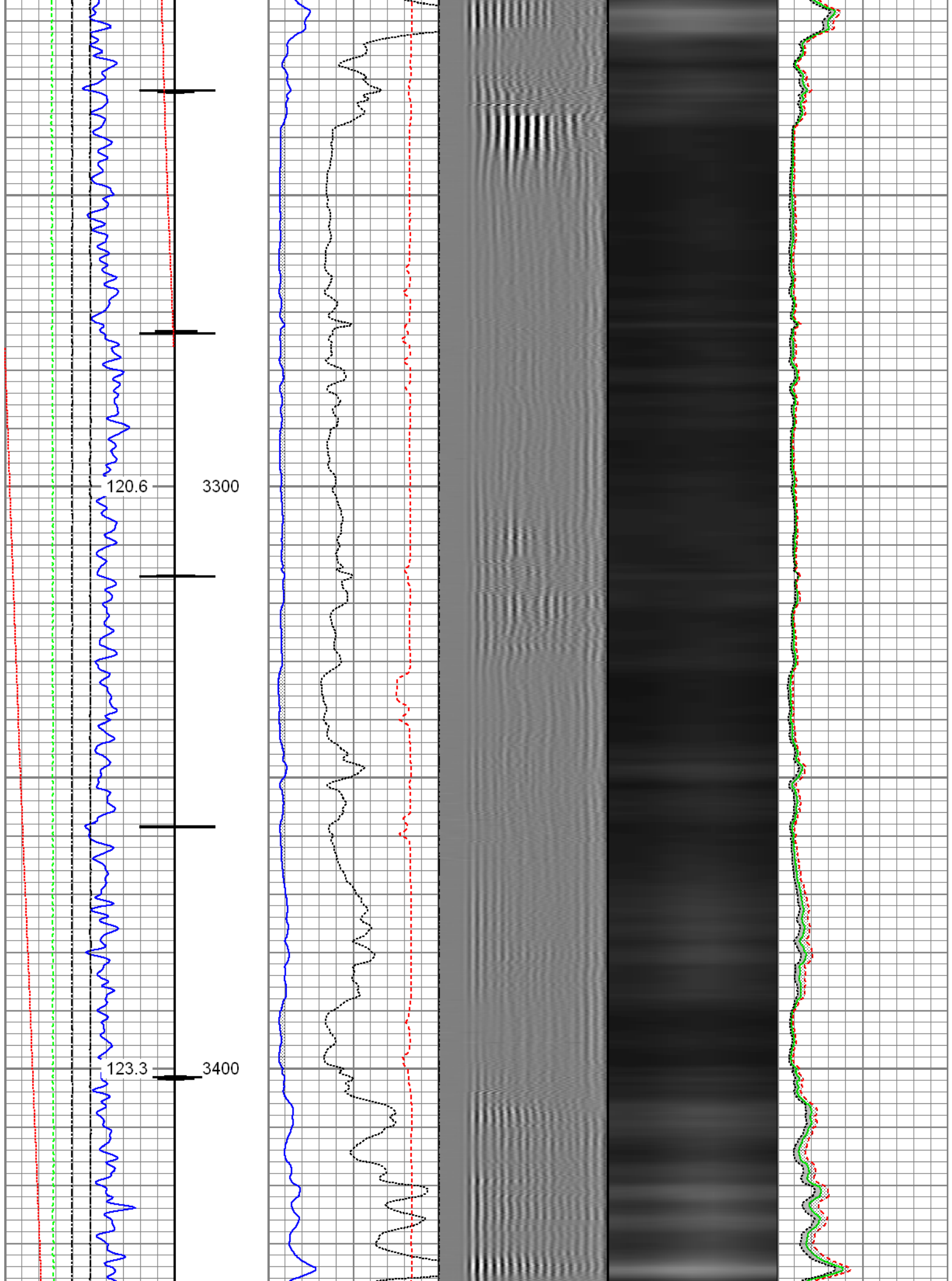


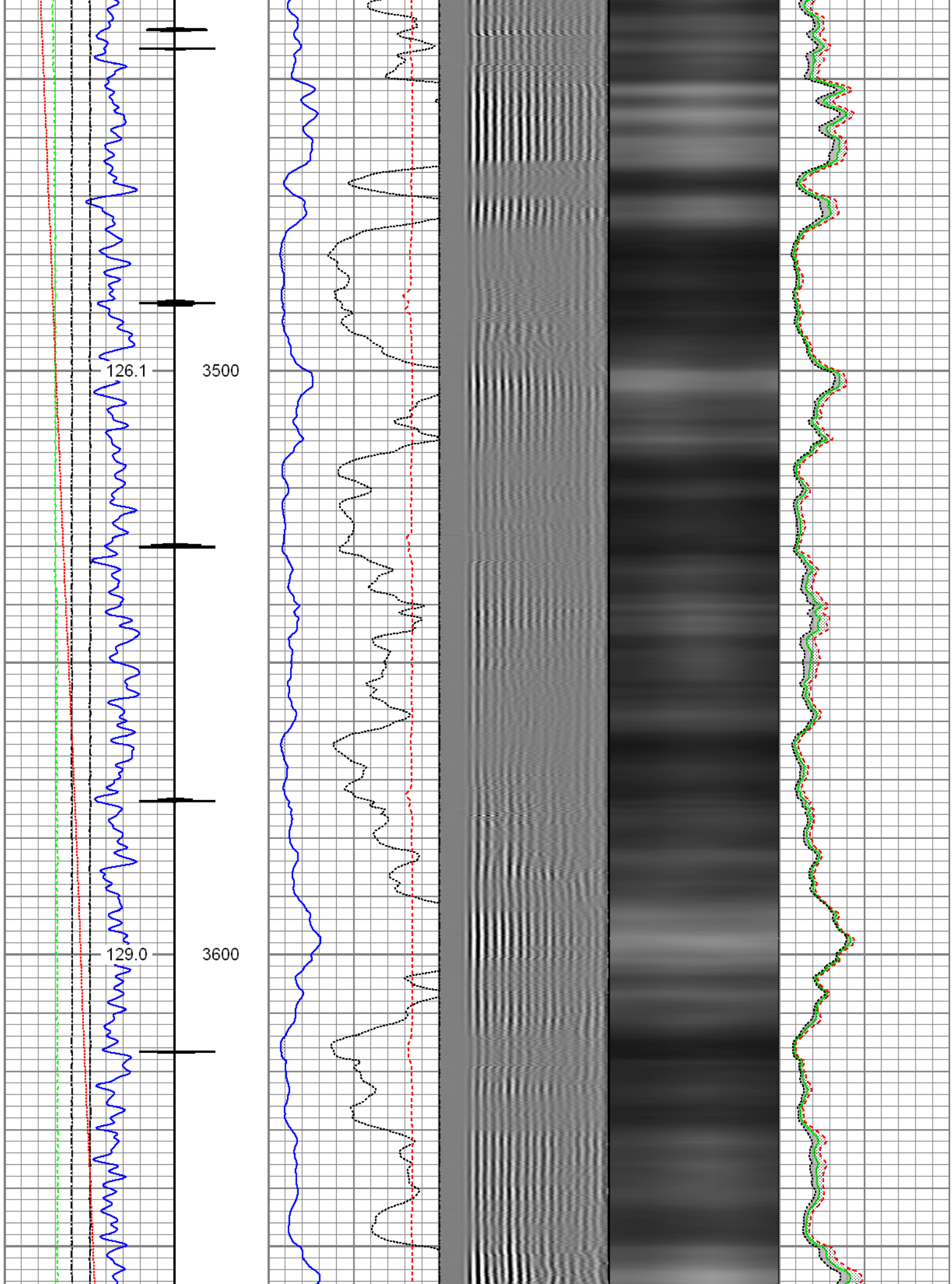


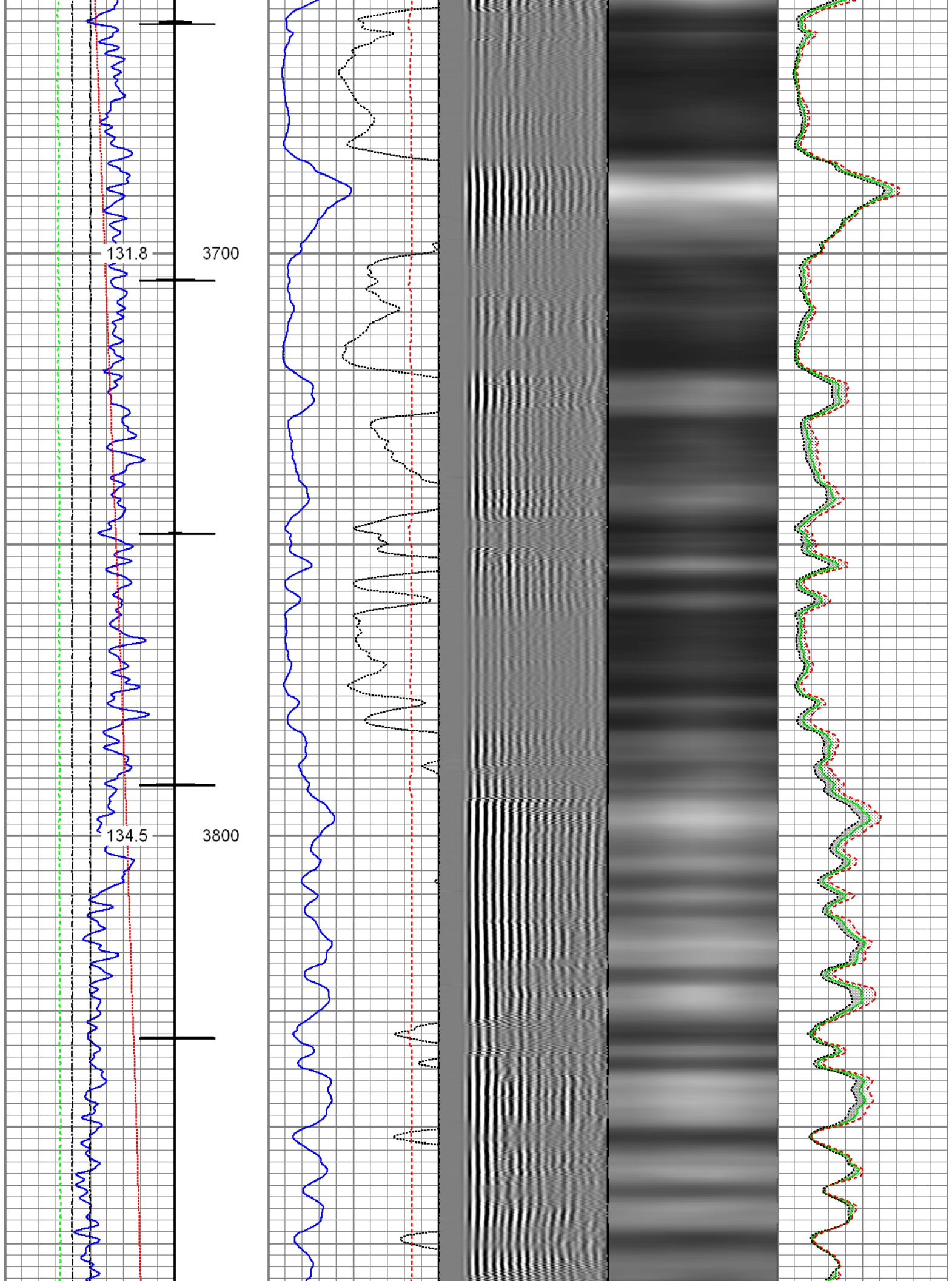


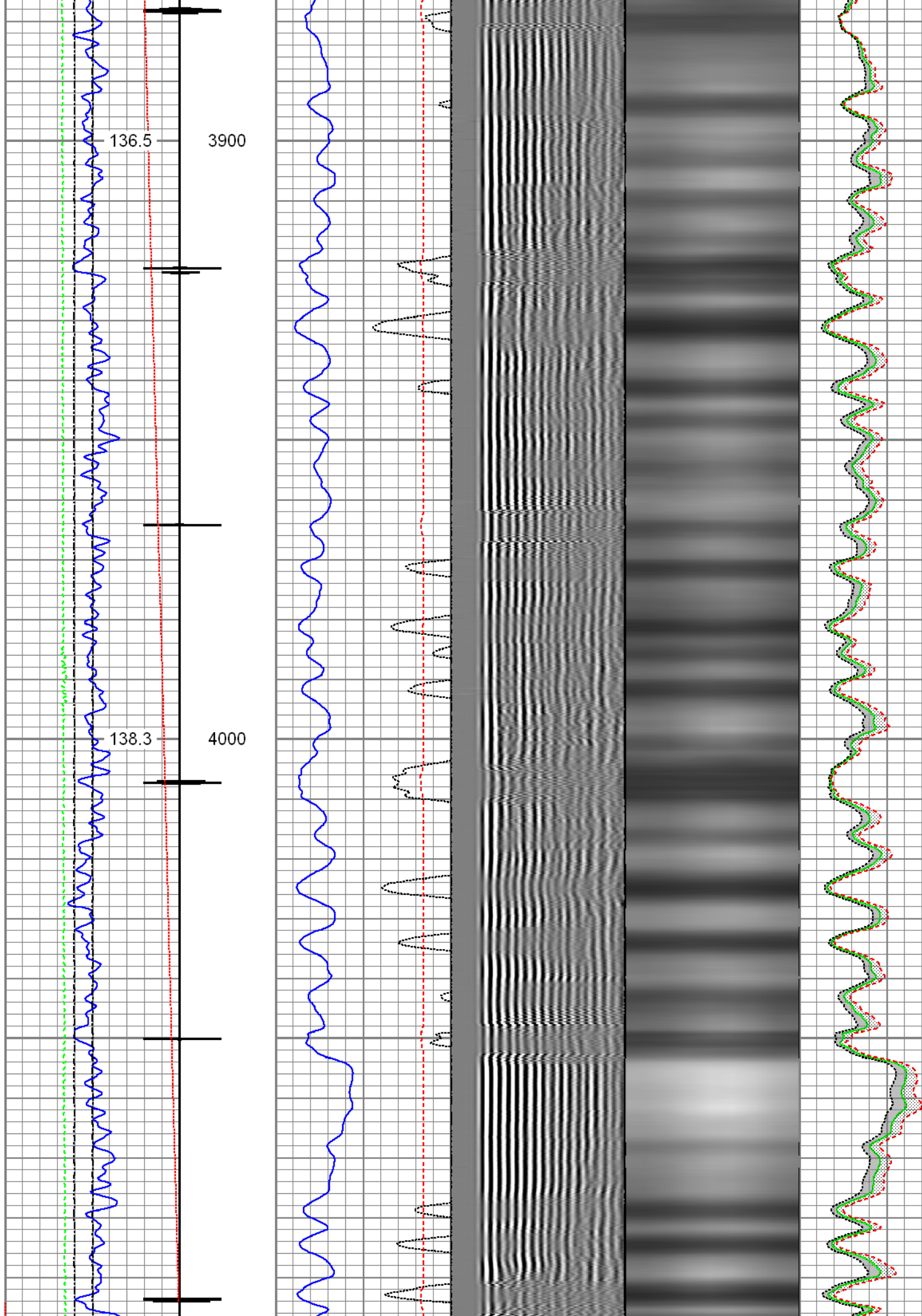


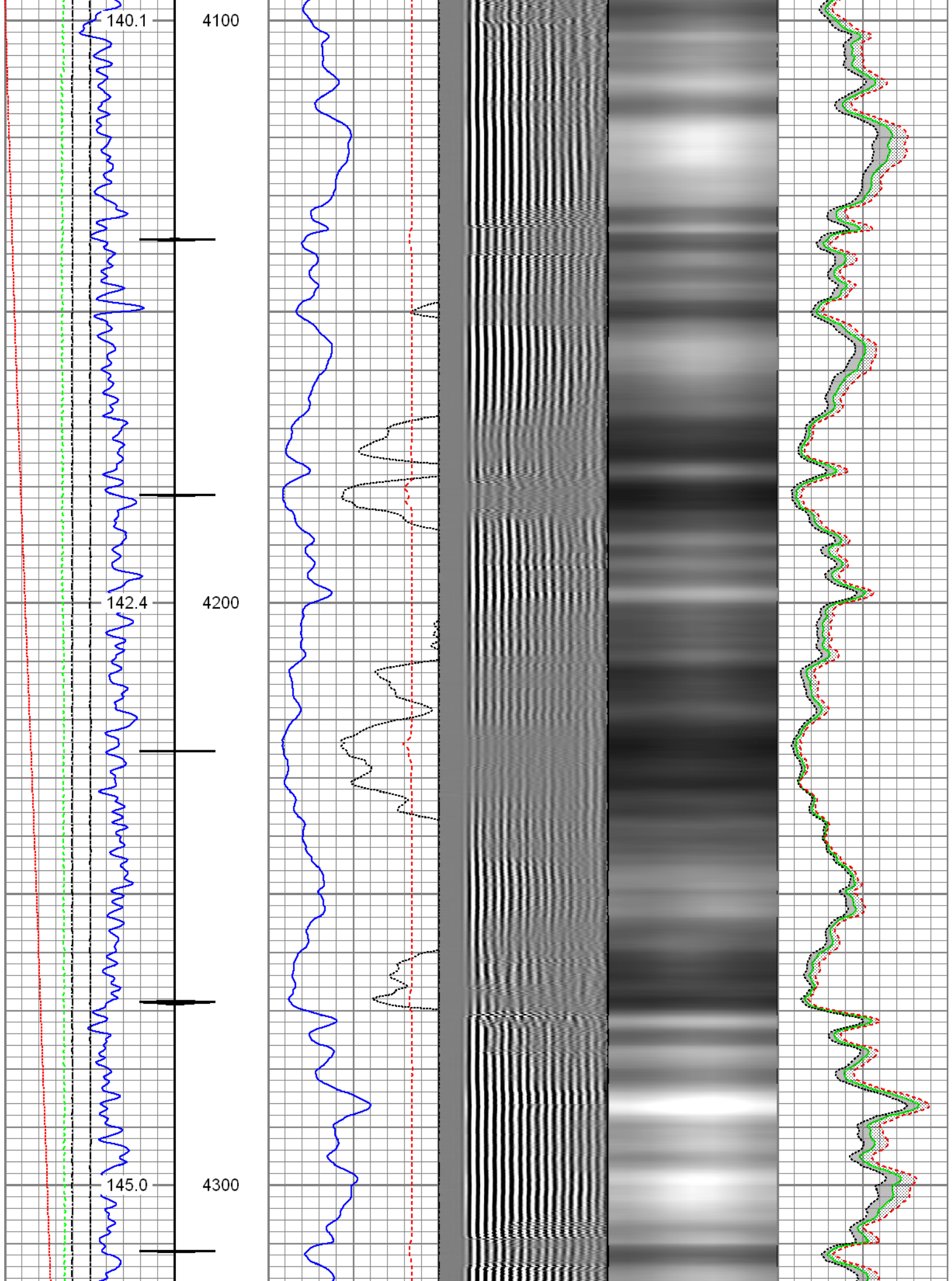


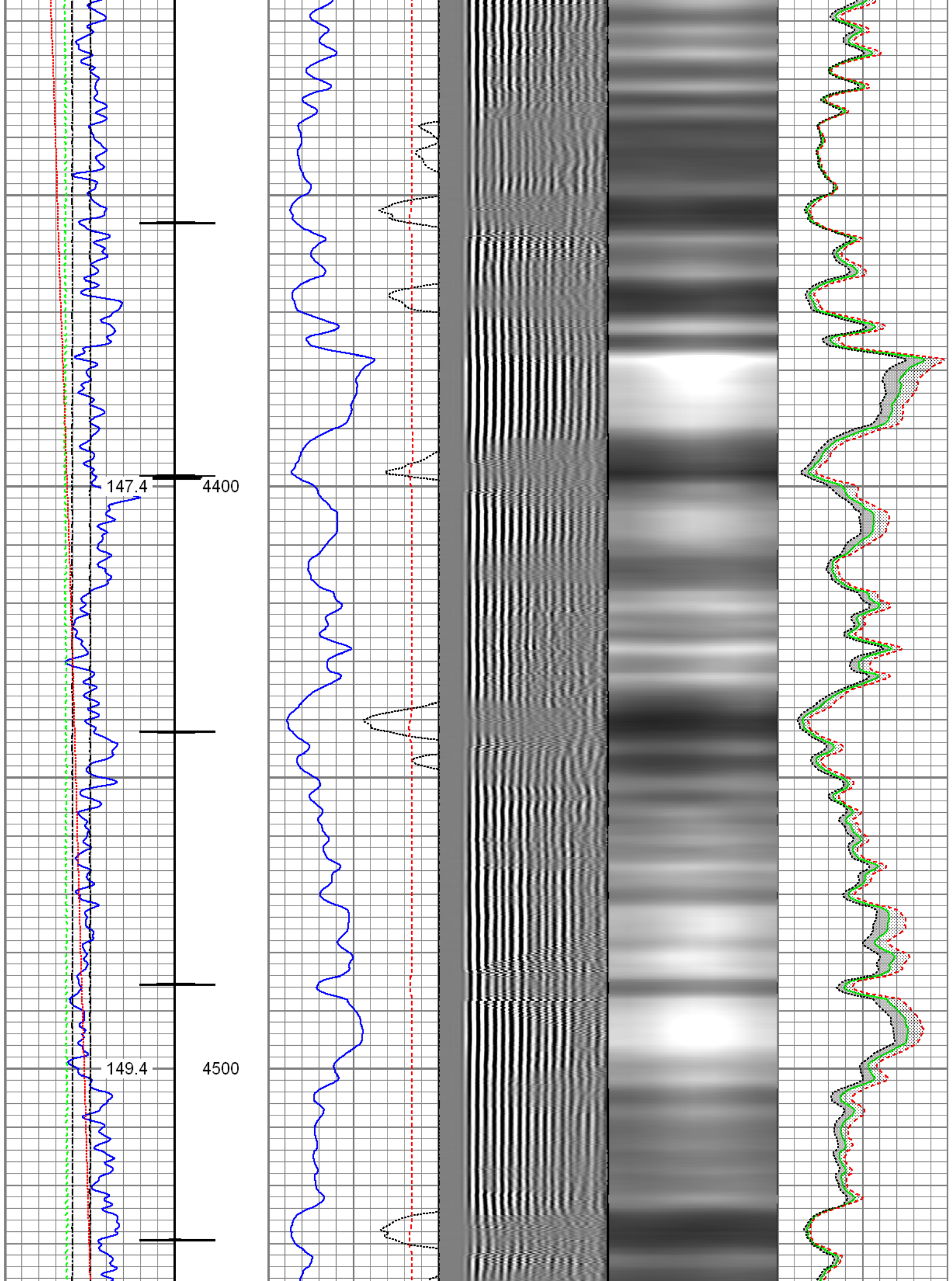


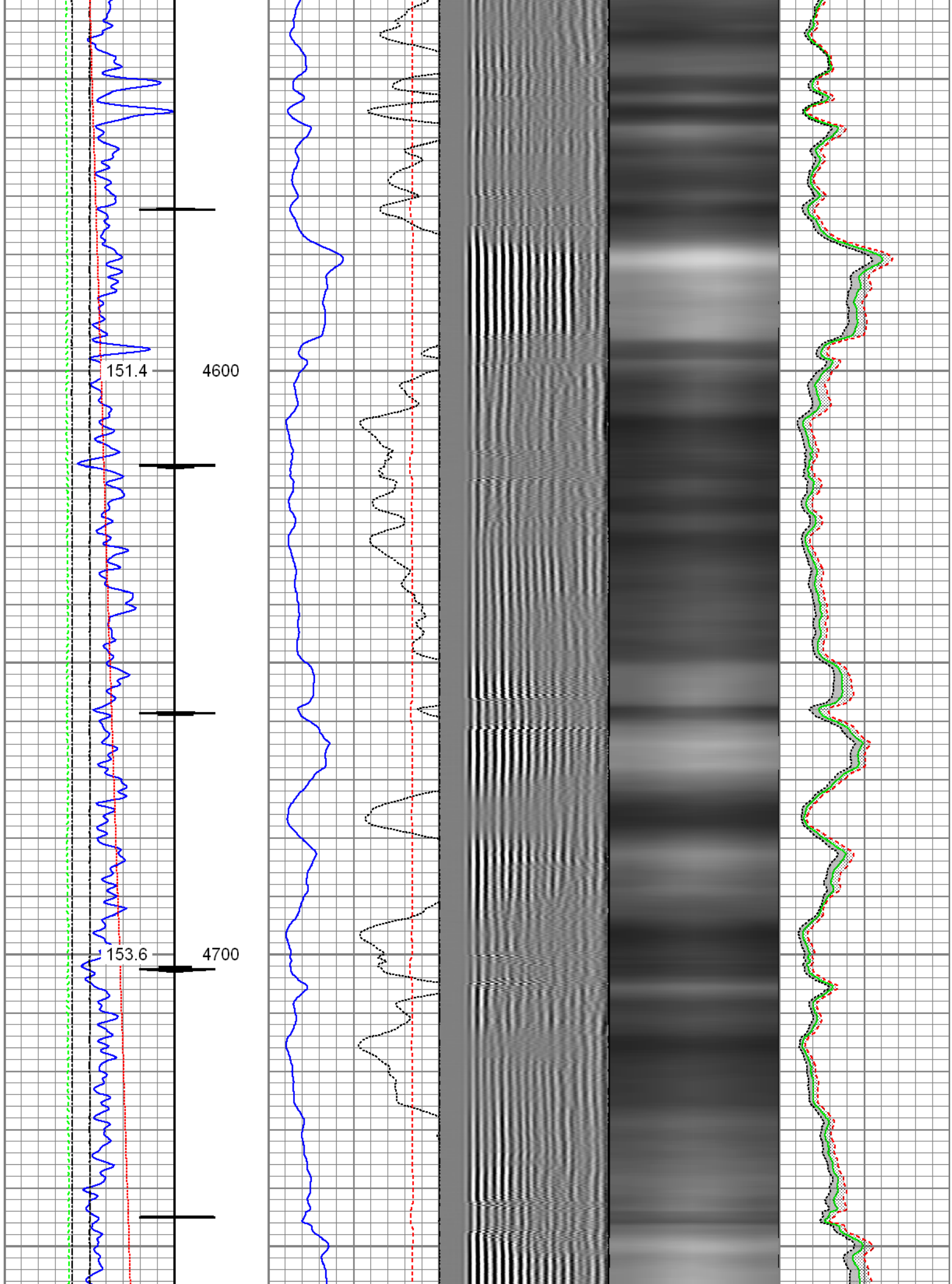


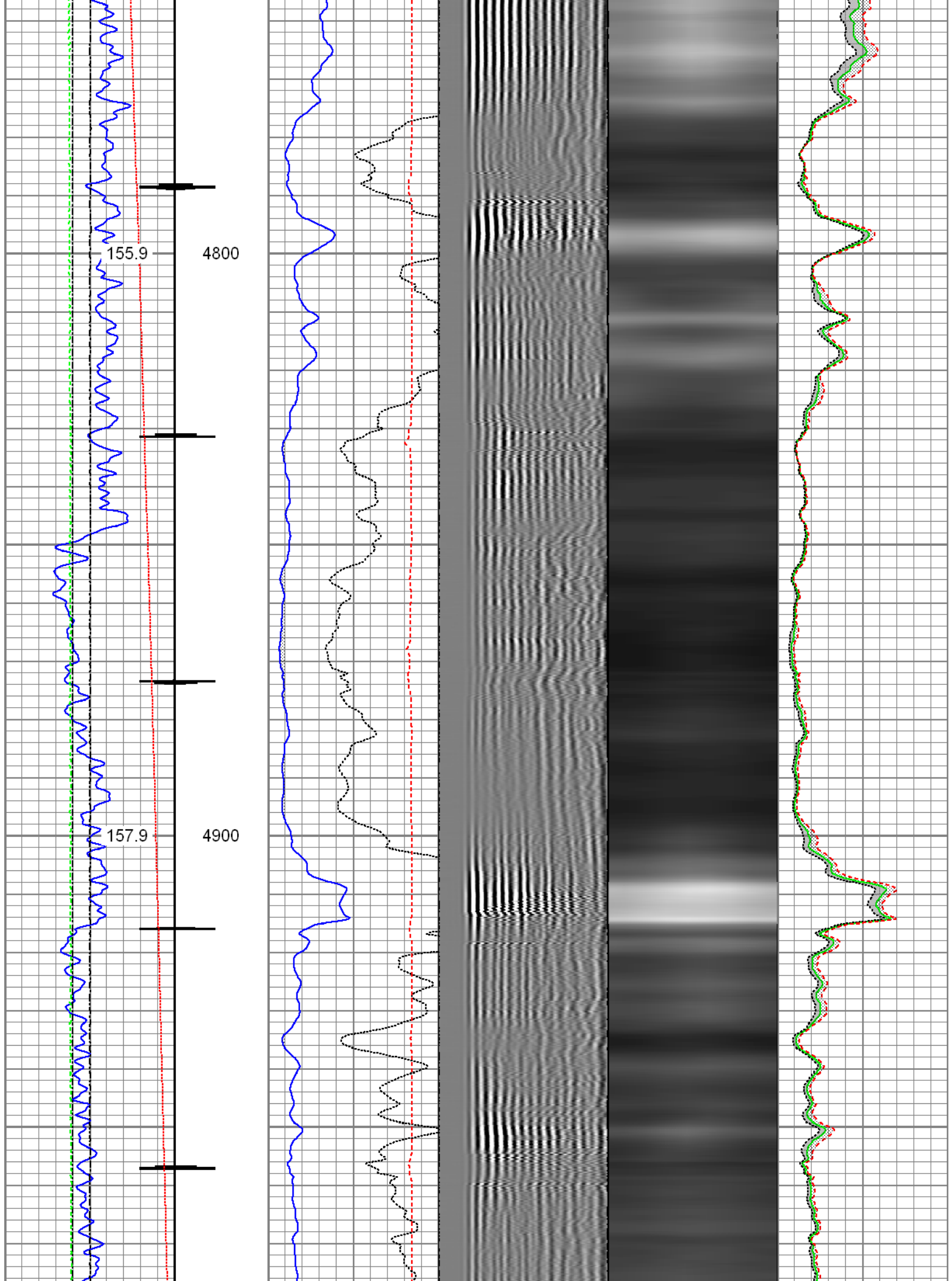


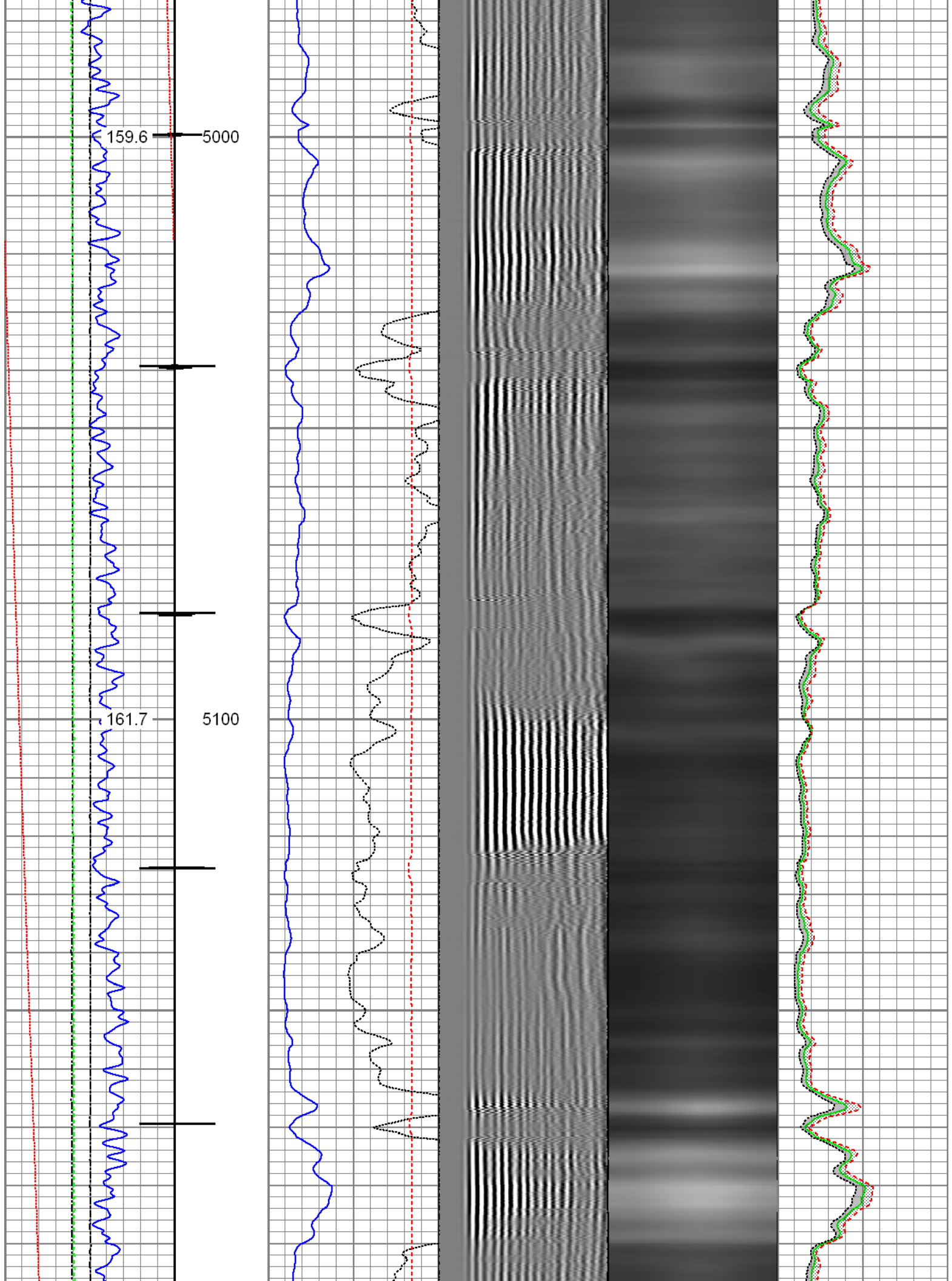


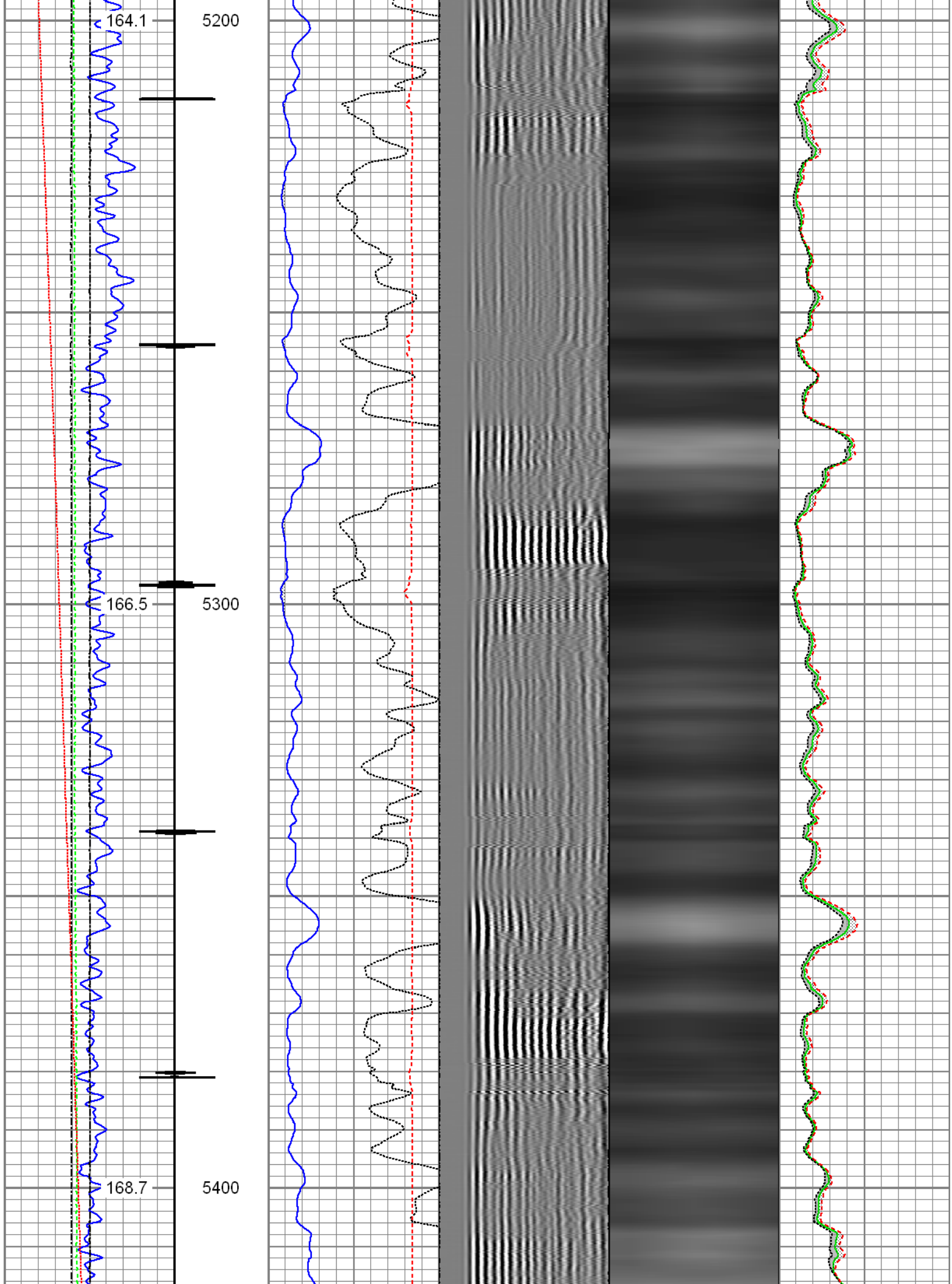


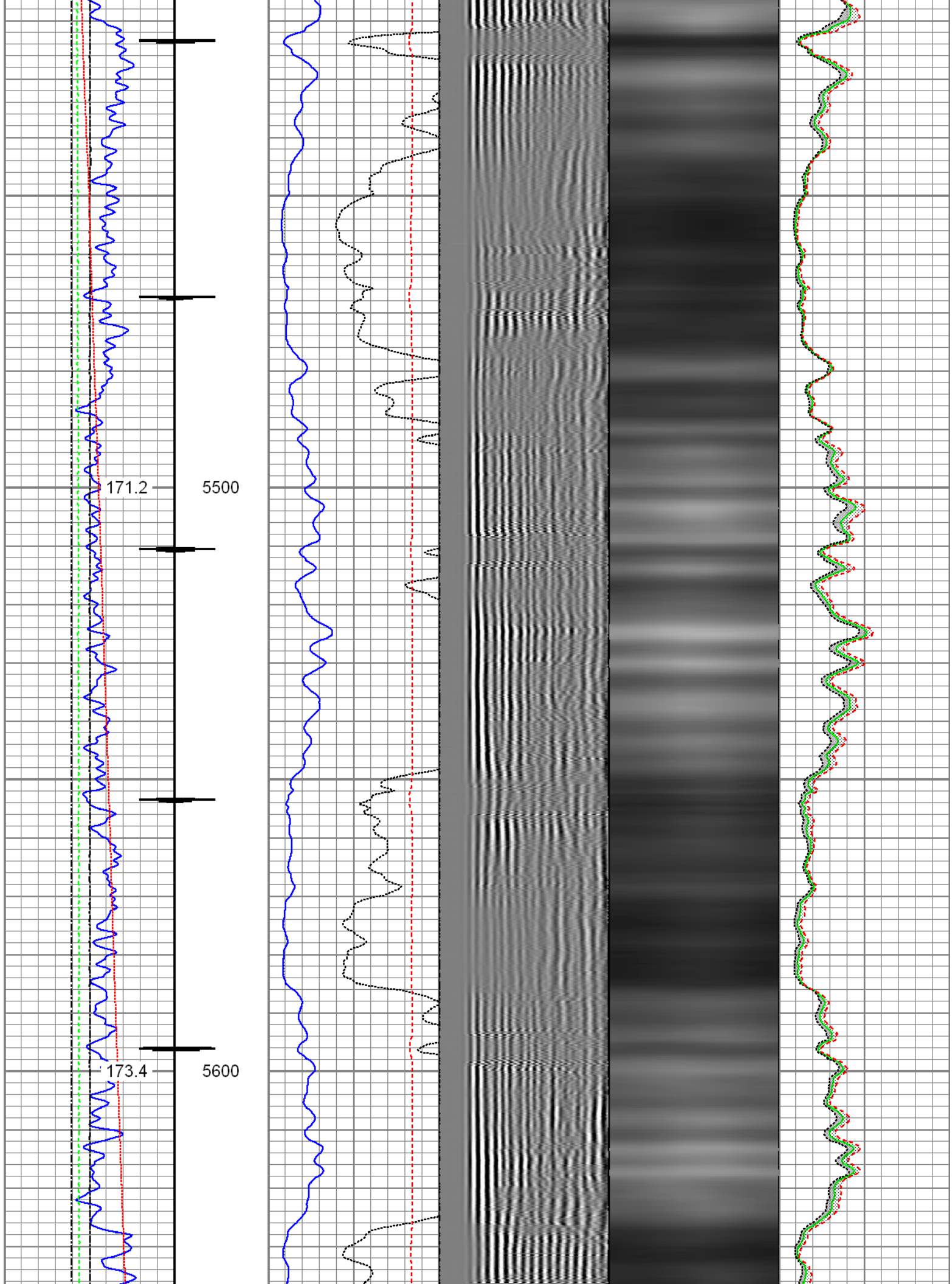


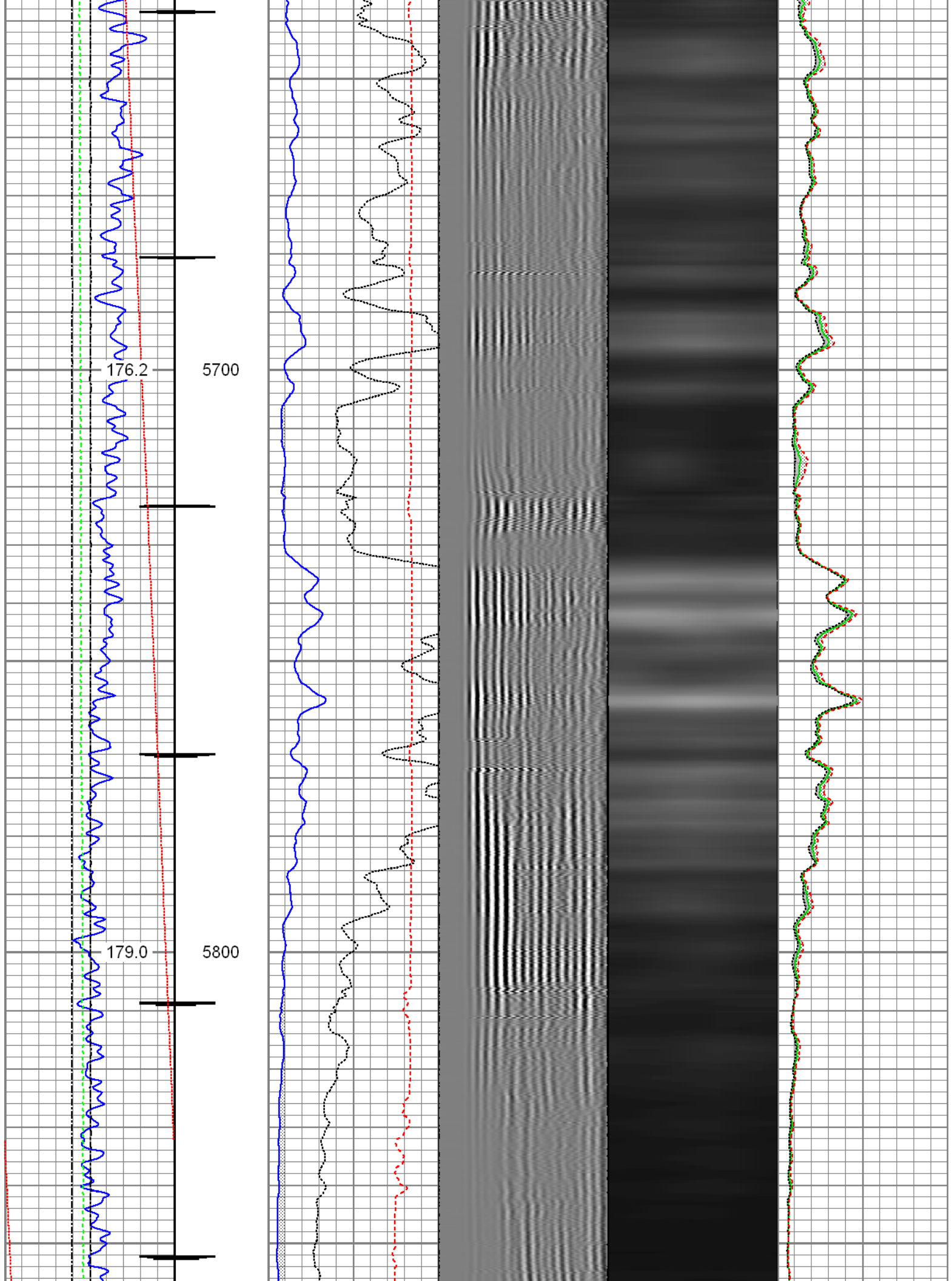


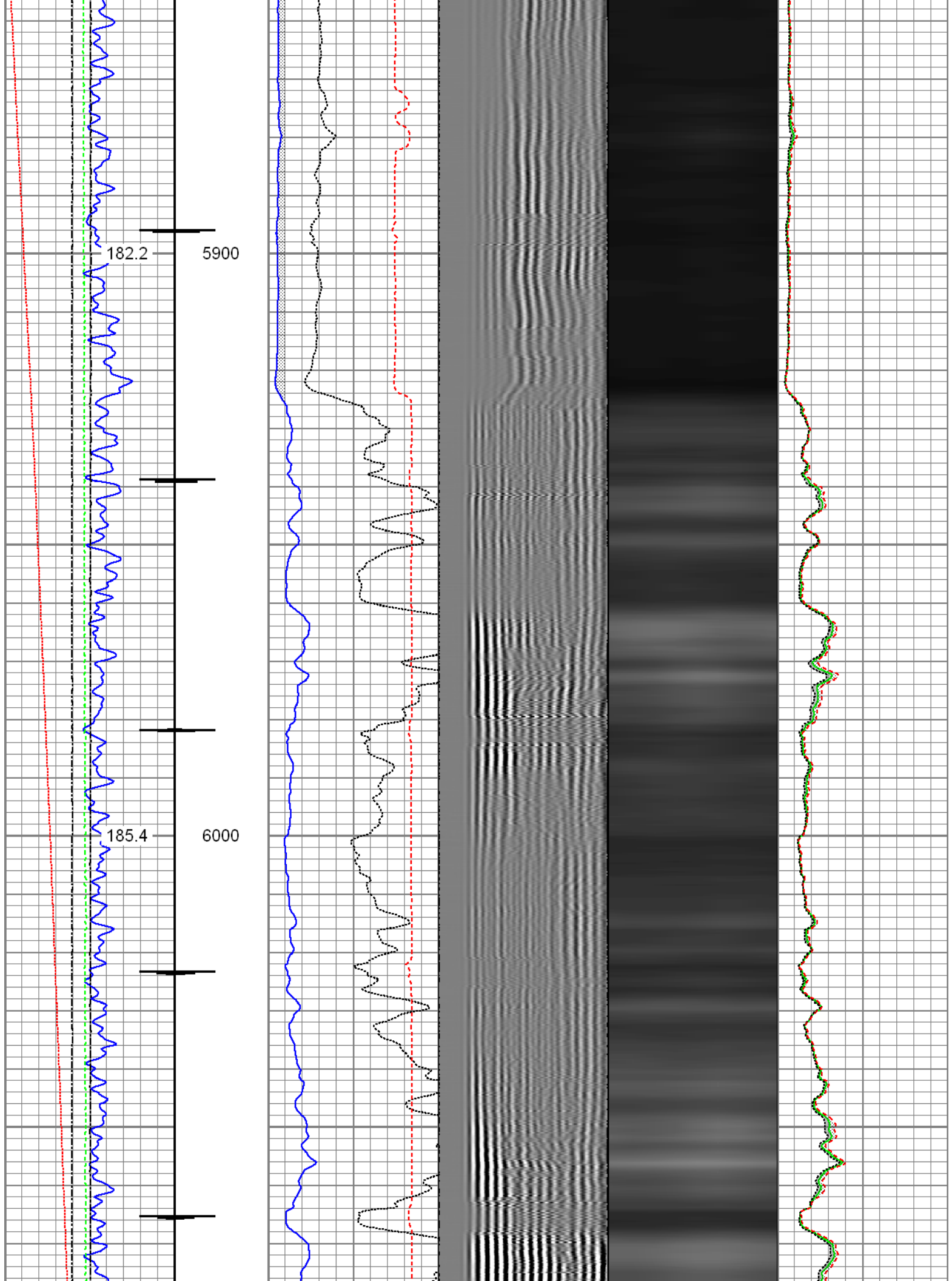


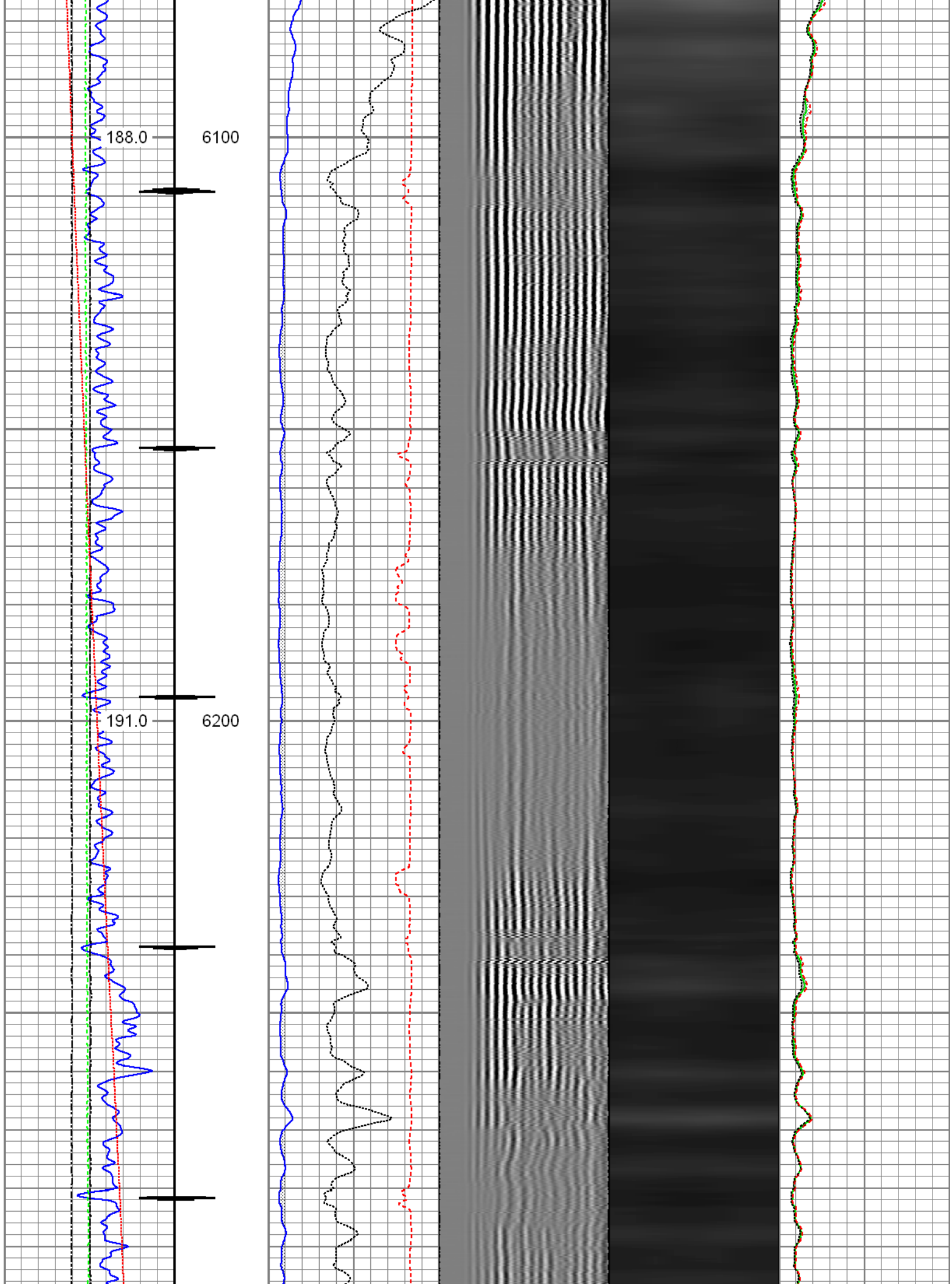


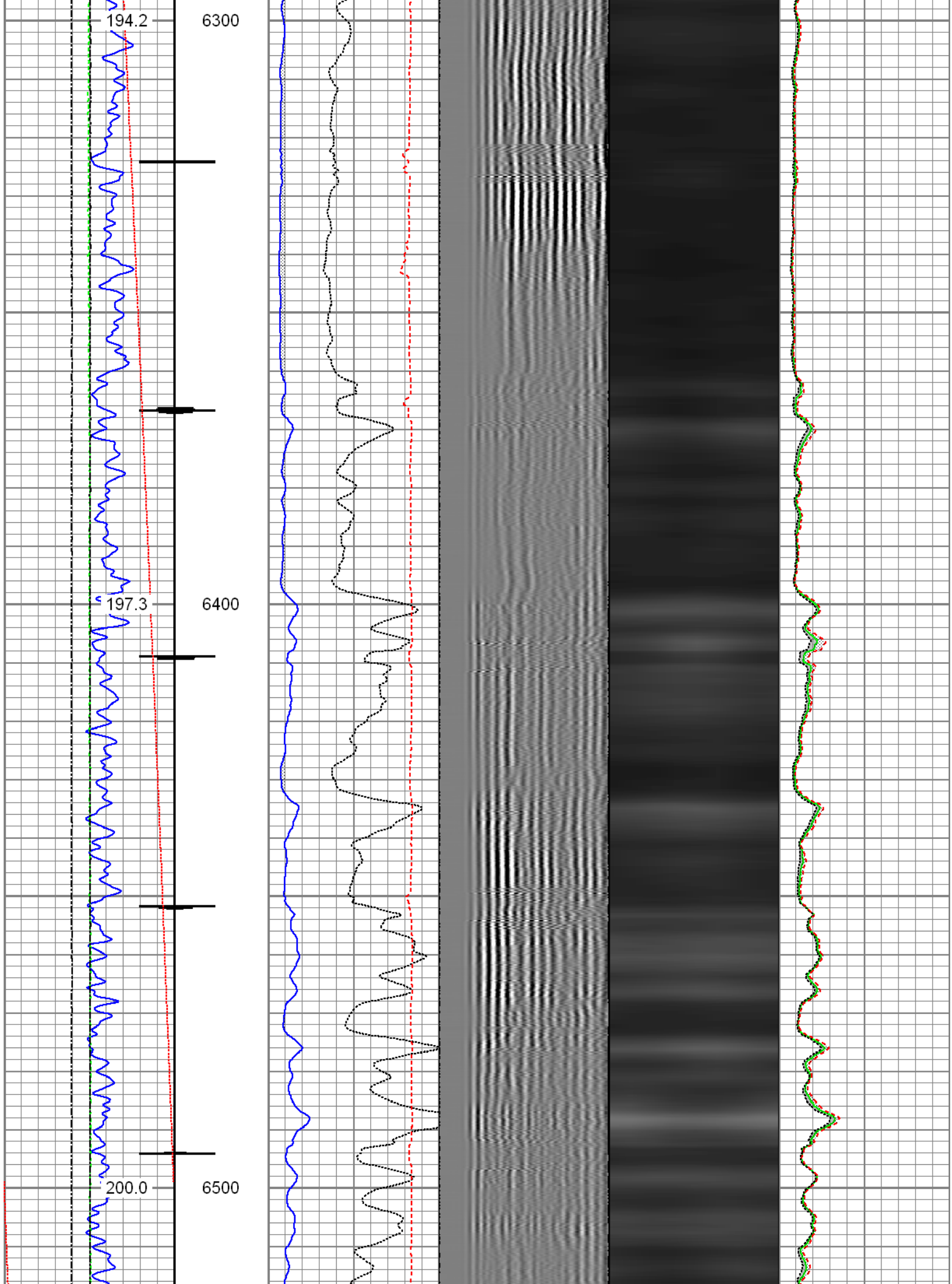


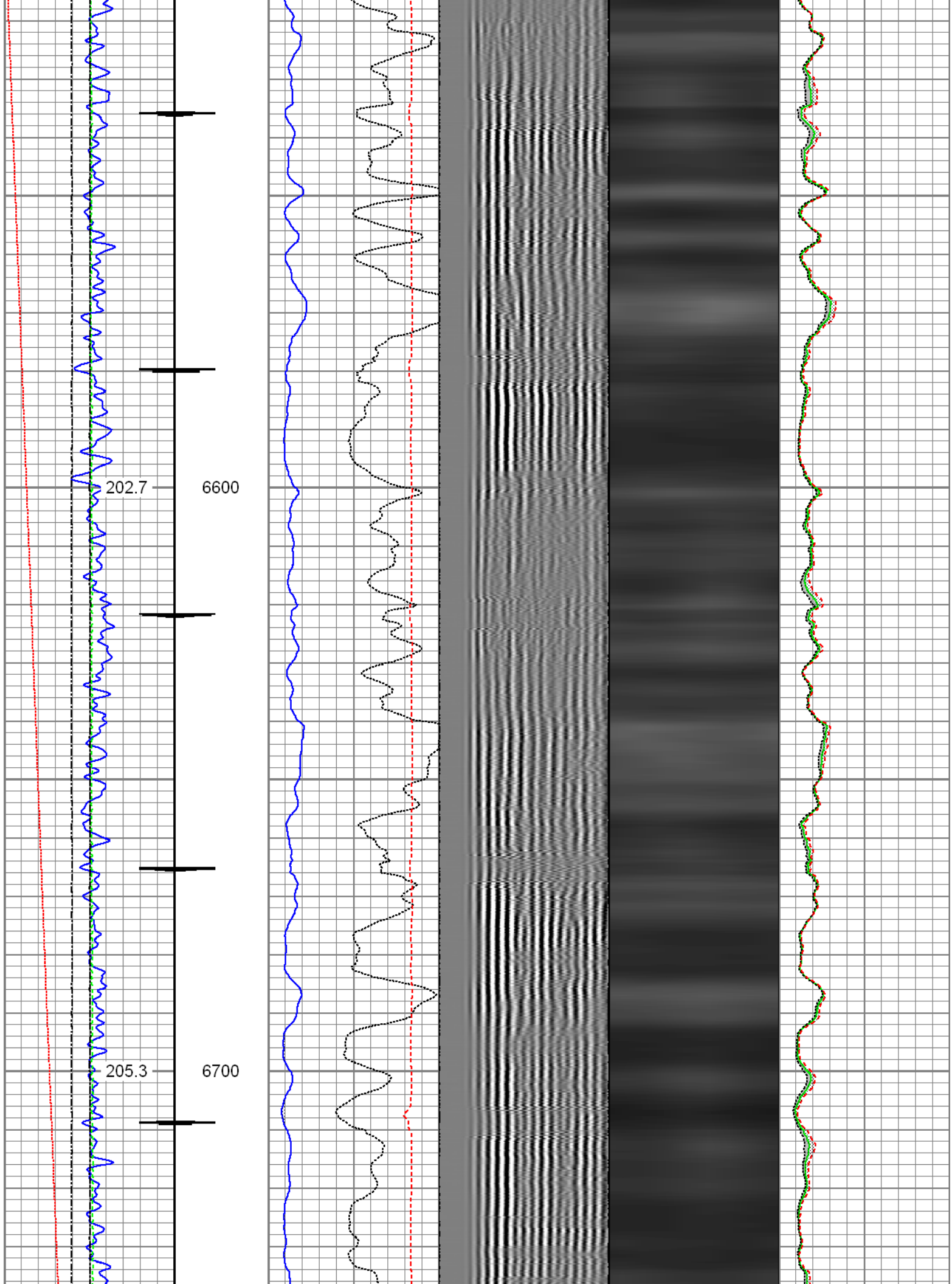


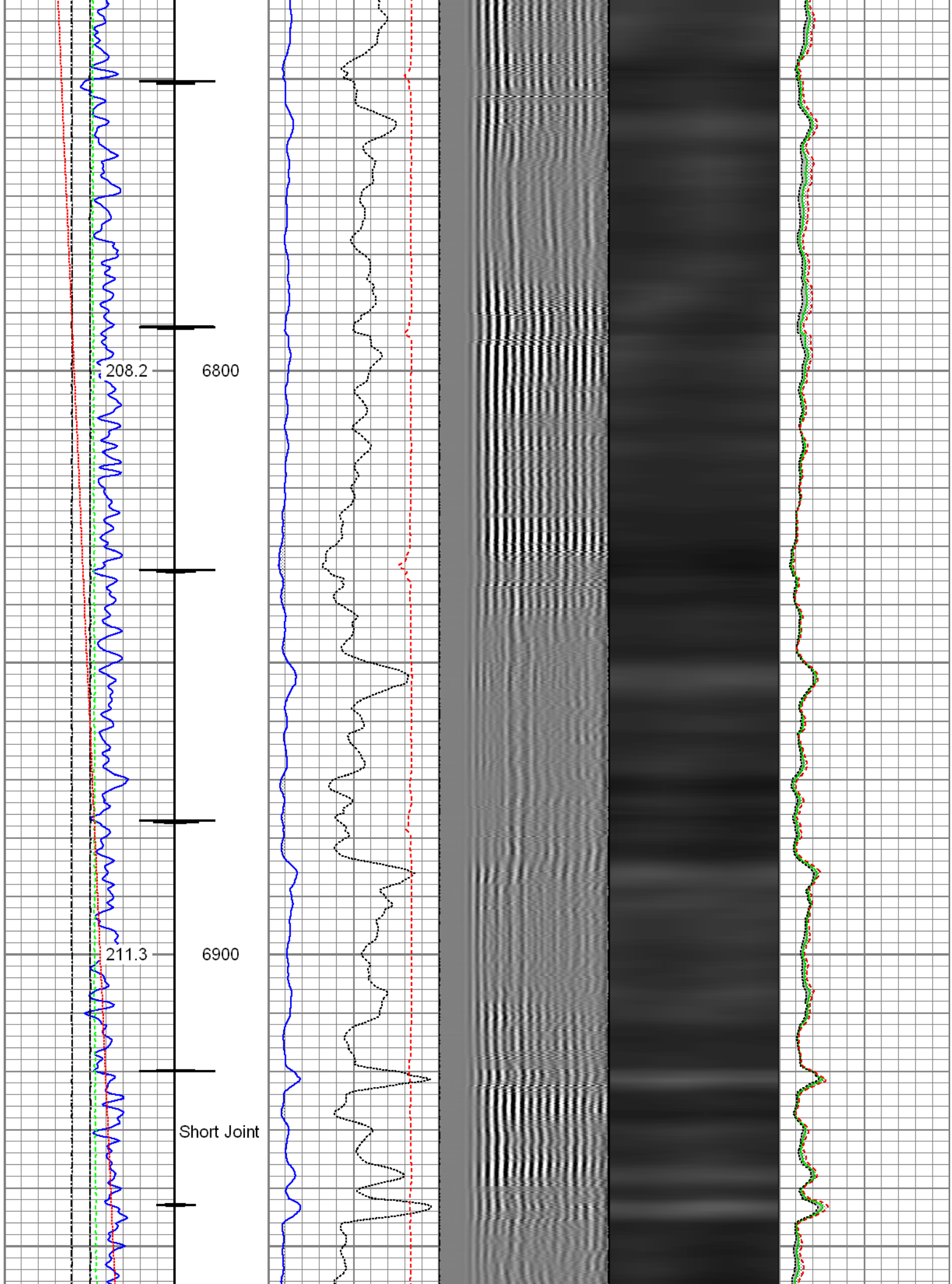


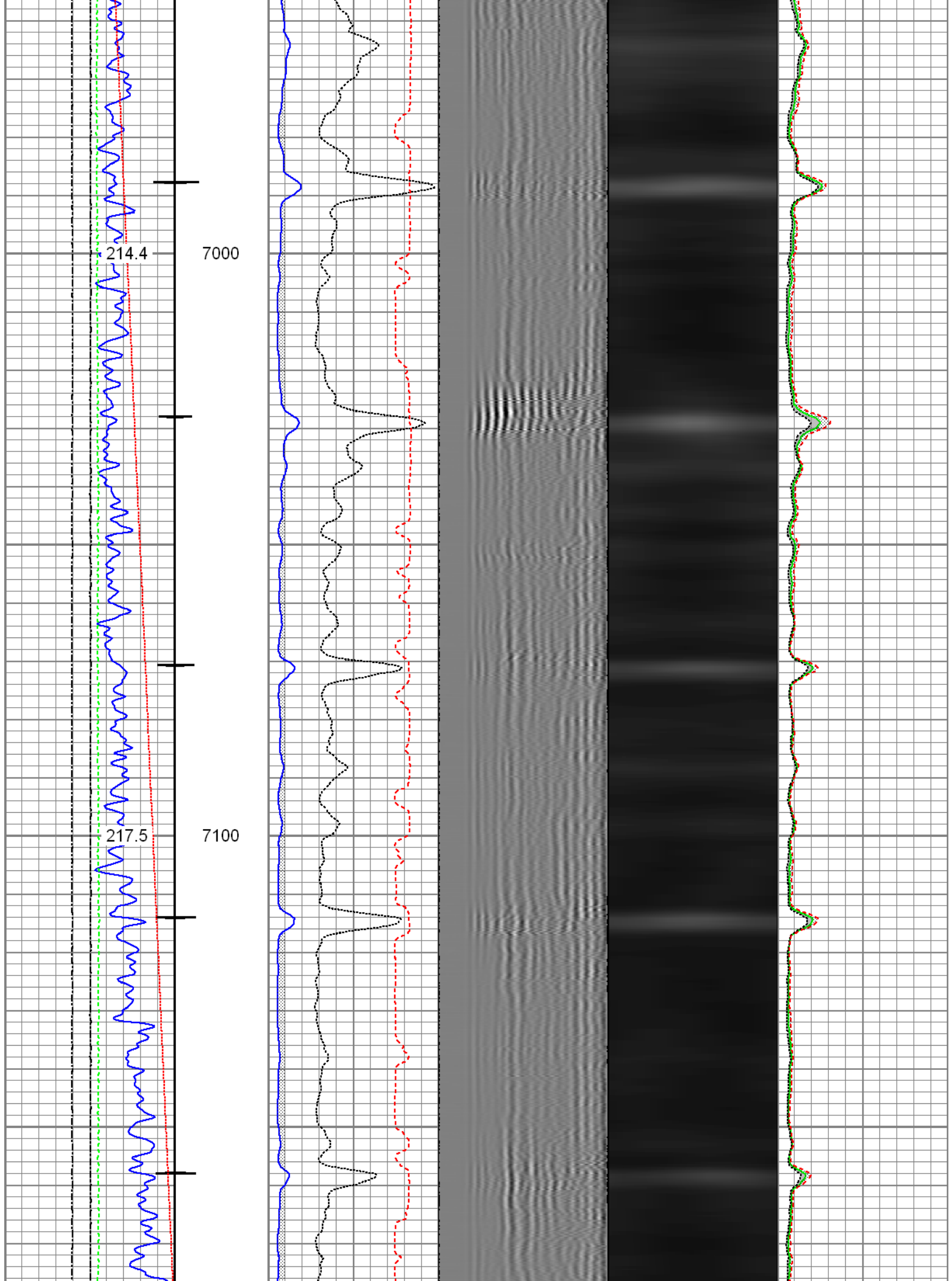


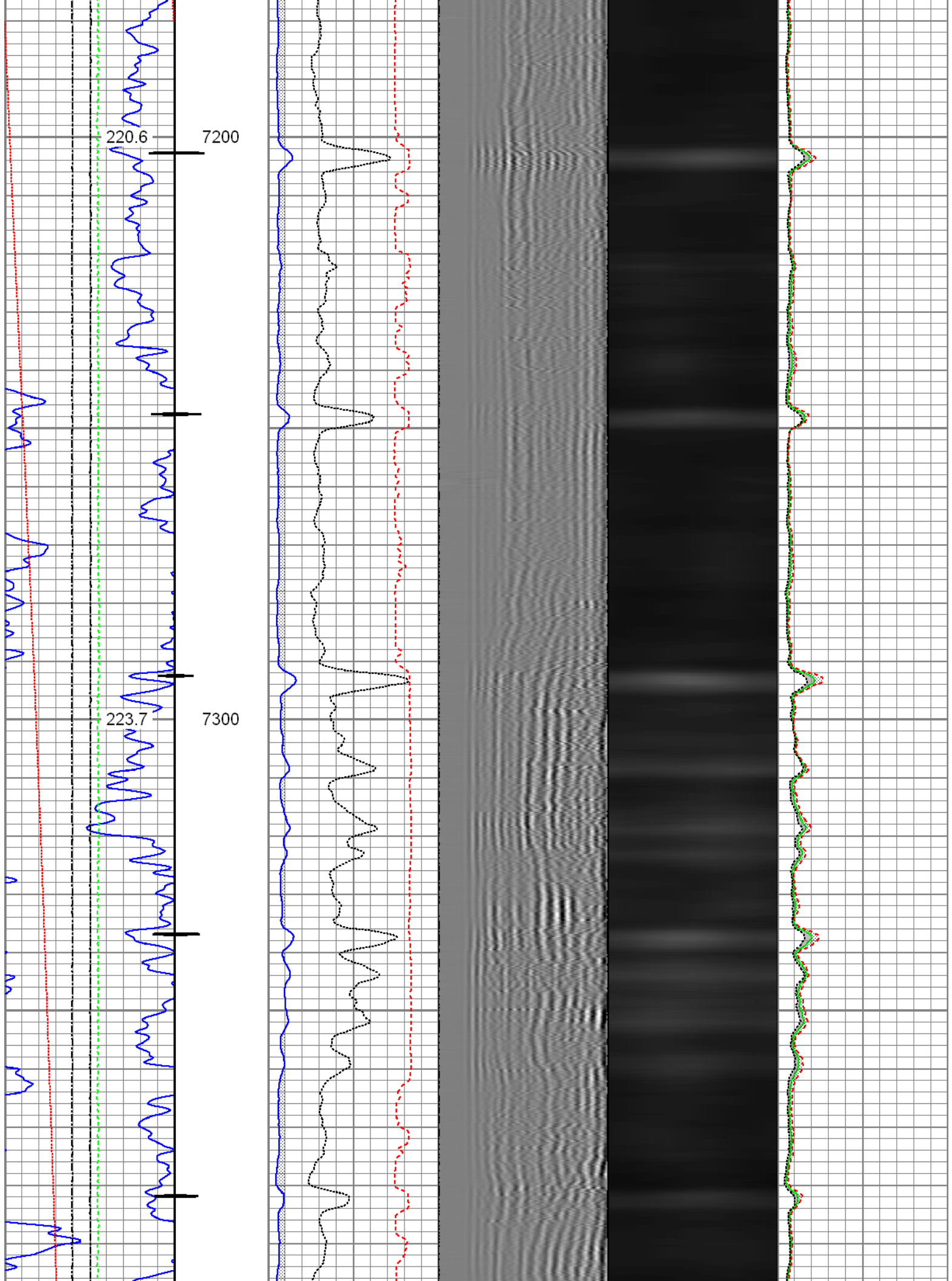


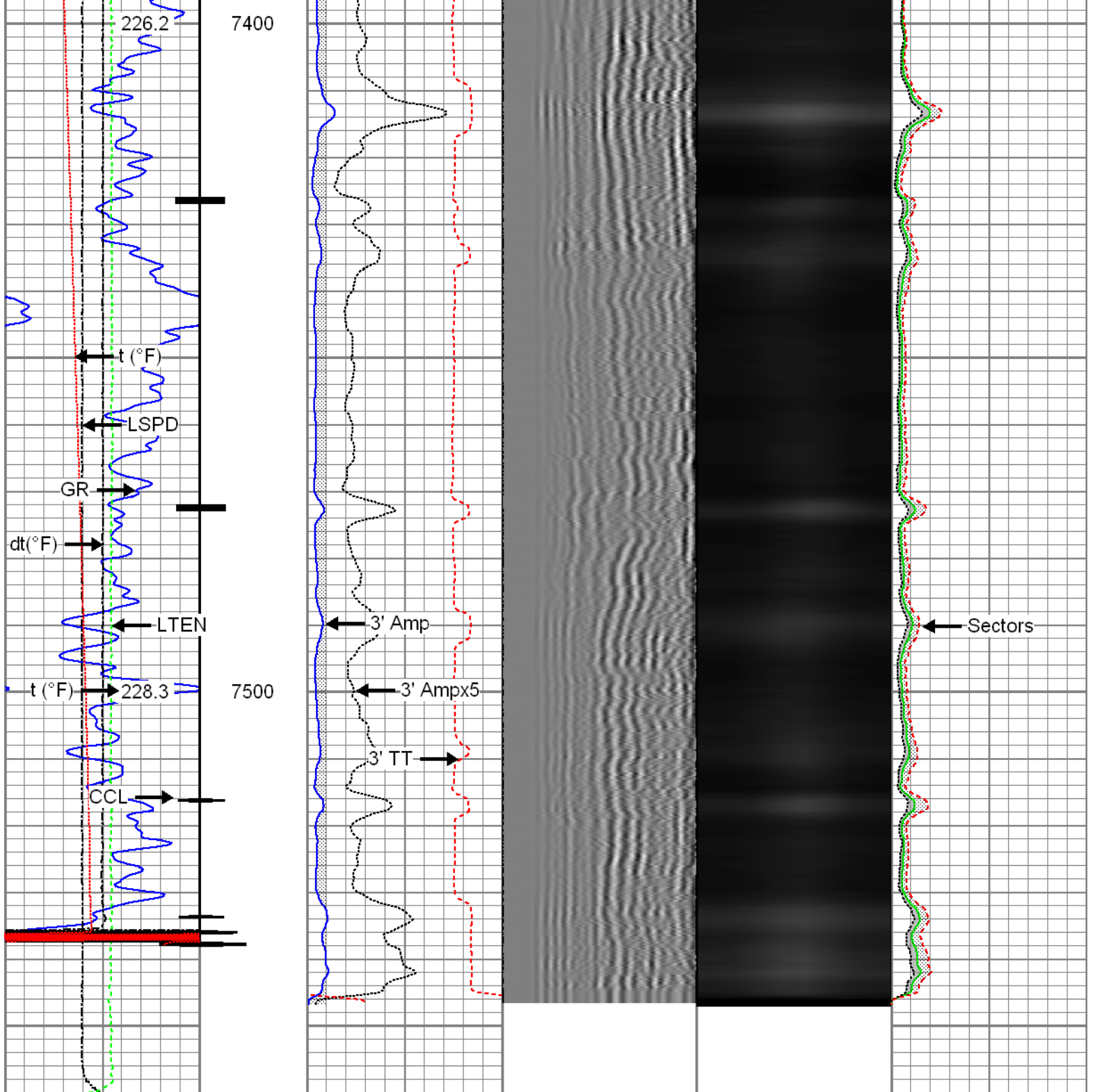












Gamma Ray (GAPI)	0	120
Casing Collar Locator		
Line Speed (ft/min)	-150	150
Line Tension (lb)	0	2000
Differential Temperature (degF)	-2	2
Temperature (degF)	0	20

3' Amplitude (mV)	0	100
3' Amplitude x 5 (mV)	0	20
3' Travel Time (usec)	650	150

5' Variable Density Log	200	1200
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Sector Map

Average Amplitude	0	100
Minimum Amplitude	0	100
Maximum Amplitude	0	100

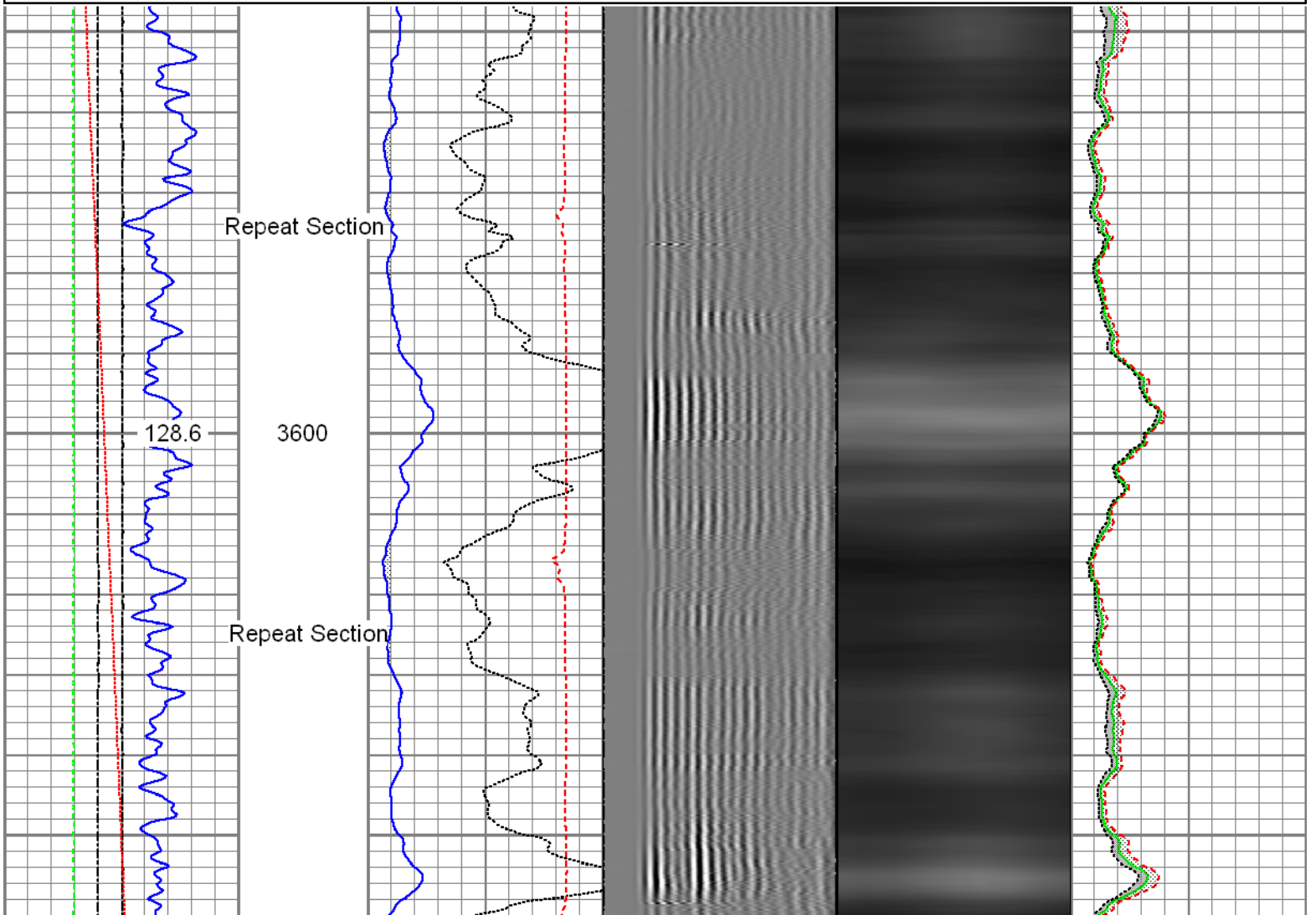


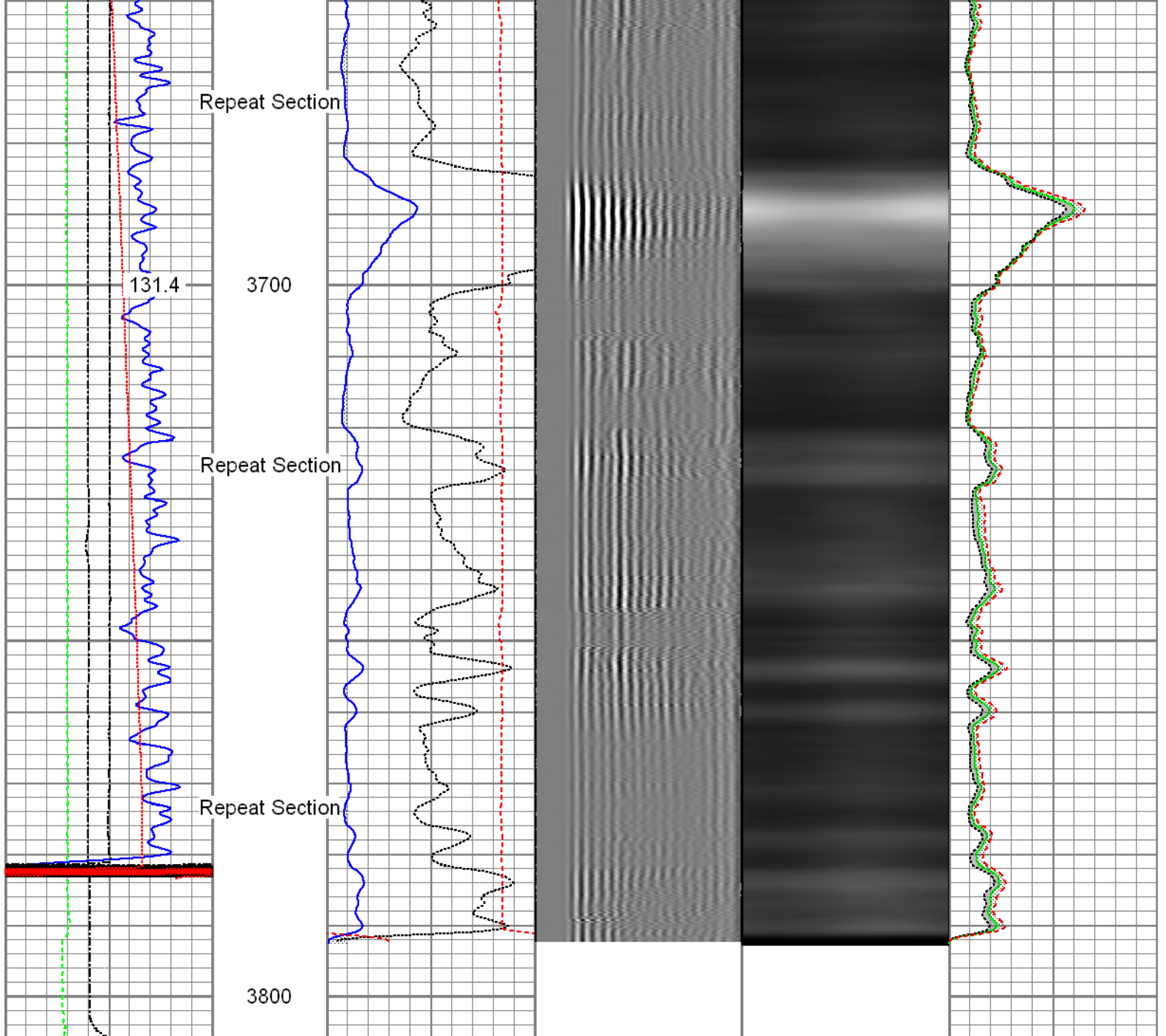
Repeat Pass

Recorded with 2800 PSI Surface Induced Pressure

Database File: c:\warrior\data\0512341069_anadarko_whisper rock 4c-25hz_01-26-16_rbl_cnl\0512341069_anadarko
Dataset Pathname: pass2.1
Presentation Format: rbt004
Dataset Creation: Wed Jan 27 11:04:48 2016 by Calc SCH 120430
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
Line Speed -150 (ft/min) 150	3' Amplitude x 5 0 (mV) 20			Minimum Amplitude 0 100
Line Tension 0 (lb) 2000	3' Travel Time 650 (usec) 150			Maximum Amplitude 0 100
Differential Temperature -2 (degF) 2				
Temperature 0 (degF) 20				





Gamma Ray (GAPI)	0	120	3' Amplitude (mV)	0	100	5' Variable Density Log	200	1200	Sector Map	Average Amplitude	0	100
Line Speed (ft/min)	-150	150	3' Amplitude x 5 (mV)	0	20					Minimum Amplitude	0	100
Line Tension (lb)	0	2000	3' Travel Time (usec)	650	150					Maximum Amplitude	0	100
Differential Temperature (degF)	-2	2										
Temperature (degF)	0	20										

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			T_CH14375_1_GO Titan 1-7/16" Assembled Electric Cable Head with	1.03	1.44	4.00

			1" Fishing Neck			
			UW_AGS-UW_AGS_001 (215017) Sondex Adapter - GO Box to Sondex Pin	0.21	1.69	1.00
			UW_XTU-UW_XTU_002 (219135) Crossover Ultrawire Toolbus to Ultralink	1.58	1.69	6.50
GR	24.77		UW_PGR-UW_PGR_020 (10013899) Production Gamma Ray	1.93	1.69	9.50
TEMP	23.37		UW_PRT-UW_PRT_016 (10025100) Platinum Resistance Thermometer	1.04	1.69	5.20
CCL	22.12		UW_CCL-UW_CCL_028 (10009470) Ultrawire 3-1/8" CCL	1.61	3.13	36.00
			UW_PRC-DSSRAC (080) 2-3/4" DSS 5 Arm Roller Centralizer	2.55	2.75	32.00
			UW_RBT-UW_RBT_004 (10013454) Sondex Ultrawire 3-1/8" Radial Bond Tool	9.47	3.13	140.00
WVFS1	14.72					
WVFS2	14.72					
WVFS3	14.72					
WVFS4	14.72					
WVFS5	14.72					
WVFS6	14.72					
WVFS7	14.72					
WVFS8	14.72					
CBLTEMP	14.72					
CBLROT	14.72					
WVFS5FT	13.72					
			UW_PRC #3 -UW_PRC_057 (1101) Sondex 2-3/4" 4-Arm Production Roller Centraliser	2.98	2.75	32.00
			CNL-007 (1005) Compensated Neutron Logging Tool	6.61	1.69	30.00
CNLSC	1.53					
CNSSC	1.12					
TSTAMP	0.00					

Dataset: 0512341069_Anadarko_Whisper Rock 4C-25HZ_01-26-16_RBL_CNL.db: field/well/run1/pass4
 Total Length: 29.01 ft
 Total Weight: 296.20 lb
 O.D. 3.13 in

Calibration Report

Database File: c:\warrior\data\0512341069_anadarko_whisper rock 4c-25hz 01-26-16_rbl_cnl\0512341069_anadarko

Compensated Neutron Calibration Report

Serial Number: 1005
 Tool Model: 007

Master Calibration Tue Jun 03 09:29:29 2014

Detector Readings

Short Space 240.87 cps
 Long Space 303.55 cps

Ratio Measured Reference
 0.8150 Sleeve: 1.0000
 CNRAT Gain K 1.0271

Before Survey

Detector Readings

Short Space cps
 Long Space cps

Ratio Measured Reference

After Survey

Detector Readings

Short Space cps
 Long Space cps

Ratio Measured Reference

Segmented Cement Bond Log Calibration Report

Serial Number: 10013454
 Tool Model: UW_RBT_004

Calibration Casing Diameter: 5.500 in
 Calibration Depth: 3806.075 ft

Master Calibration, performed Wed Jan 27 10:48:31 2016:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	-0.002	0.773	0.800	71.921	91.773	0.981
5FT	-0.003	0.768	0.800	71.921	92.202	1.088
S1	-0.002	0.769	0.000	100.000	129.687	0.251
S2	-0.003	0.788	0.000	100.000	126.430	0.399
S3	-0.003	0.788	0.000	100.000	126.434	0.431
S4	-0.003	0.788	0.000	100.000	126.300	0.433
S5	-0.002	0.776	0.000	100.000	128.498	0.255
S6	-0.003	0.765	0.000	100.000	130.109	0.417
S7	-0.003	0.750	0.000	100.000	132.795	0.360
S8	-0.002	0.755	0.000	100.000	132.040	0.315

Temperature Calibration Report

Temperature Calibration Report

Serial Number: 10025100
 Tool Model: UW_PRT_016
 Performed: Wed Feb 11 13:47:59 2015

Point #	Reading		Reference	
1	13249.00	cps	68.00	degF
2	18454.00	cps	104.00	degF
3	29735.00	cps	176.00	degF
4	41457.00	cps	248.00	degF
5	52851.00	cps	320.00	degF
6	59128.00	cps	356.00	degF
7		cps		degF
8		cps		degF
9		cps		degF
10		cps		degF

Gamma Ray Calibration Report

Serial Number: 10013899
 Tool Model: UW_PGR_020
 Performed: Sun Jun 13 13:33:21 1993

Calibrator Value: 1.0 GAPI
 Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps
 Sensitivity: 1.0000 GAPI/cps



Company Kerr-McGee Oil & Gas Onshore, L.P.
 Well Whisper Rock 4C-25HZ
 Field Wattenberg
 County Weld
 State Colorado