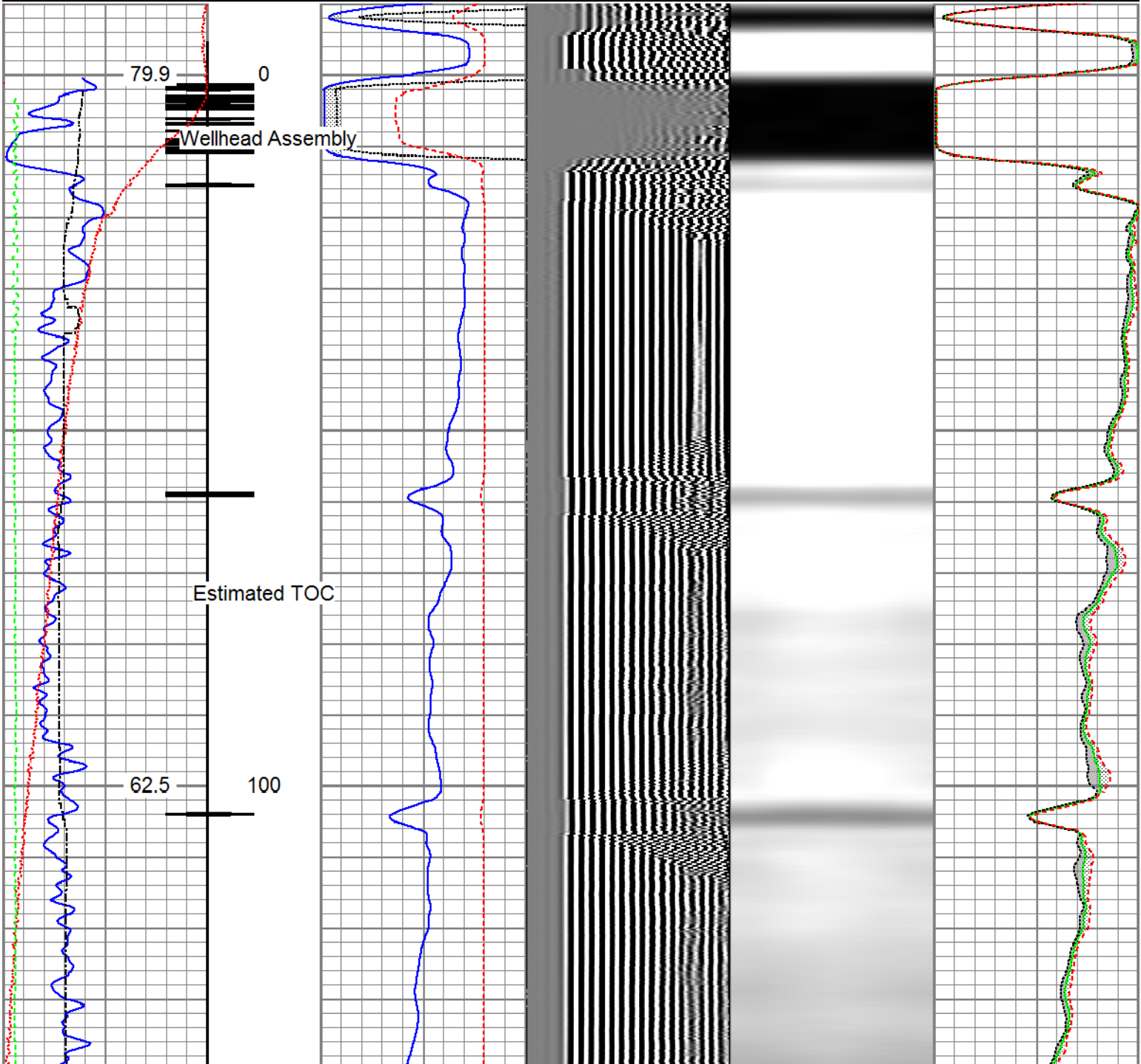
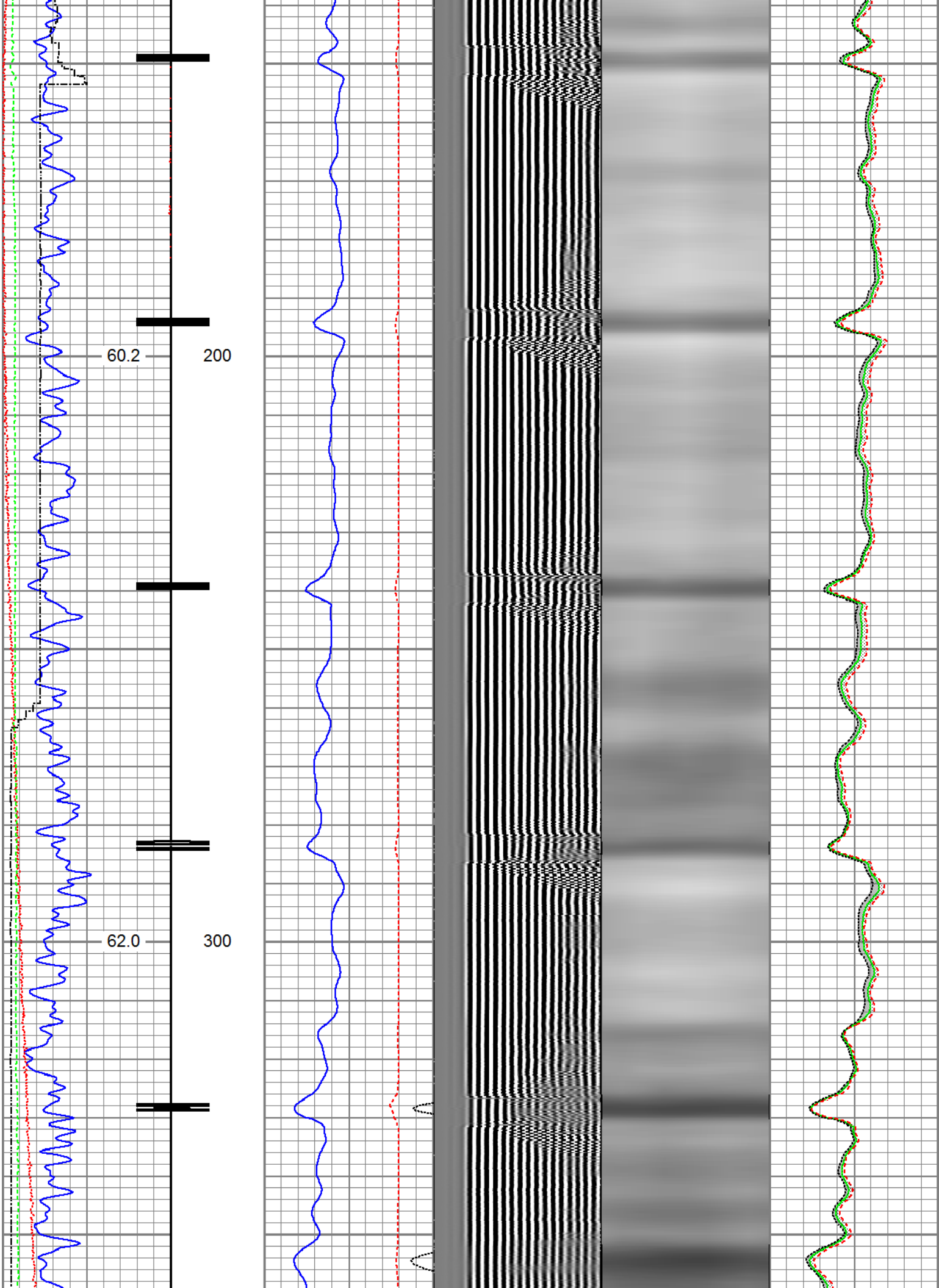


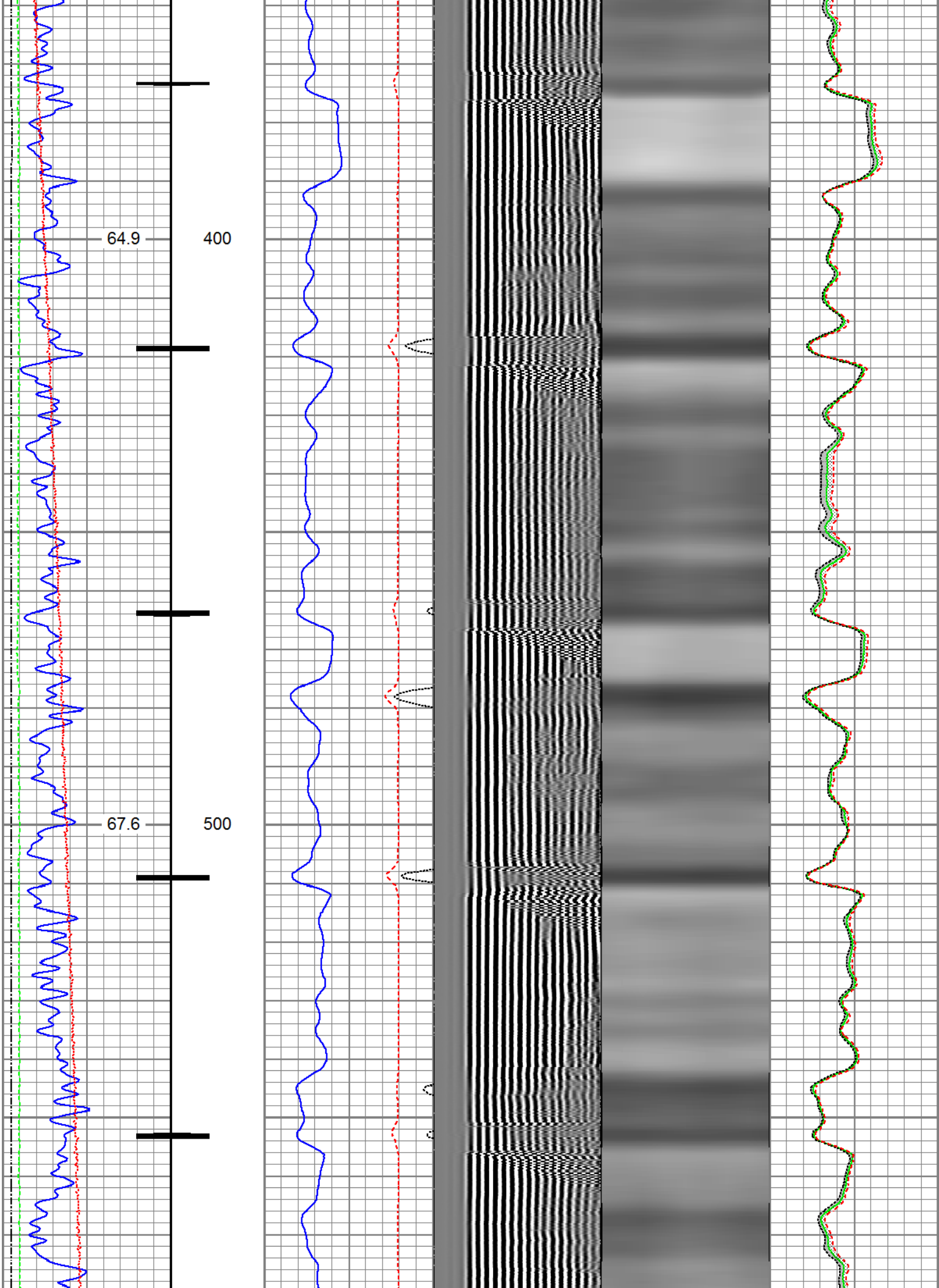
Recorded With 2800 PSI Surface Induced Pressure

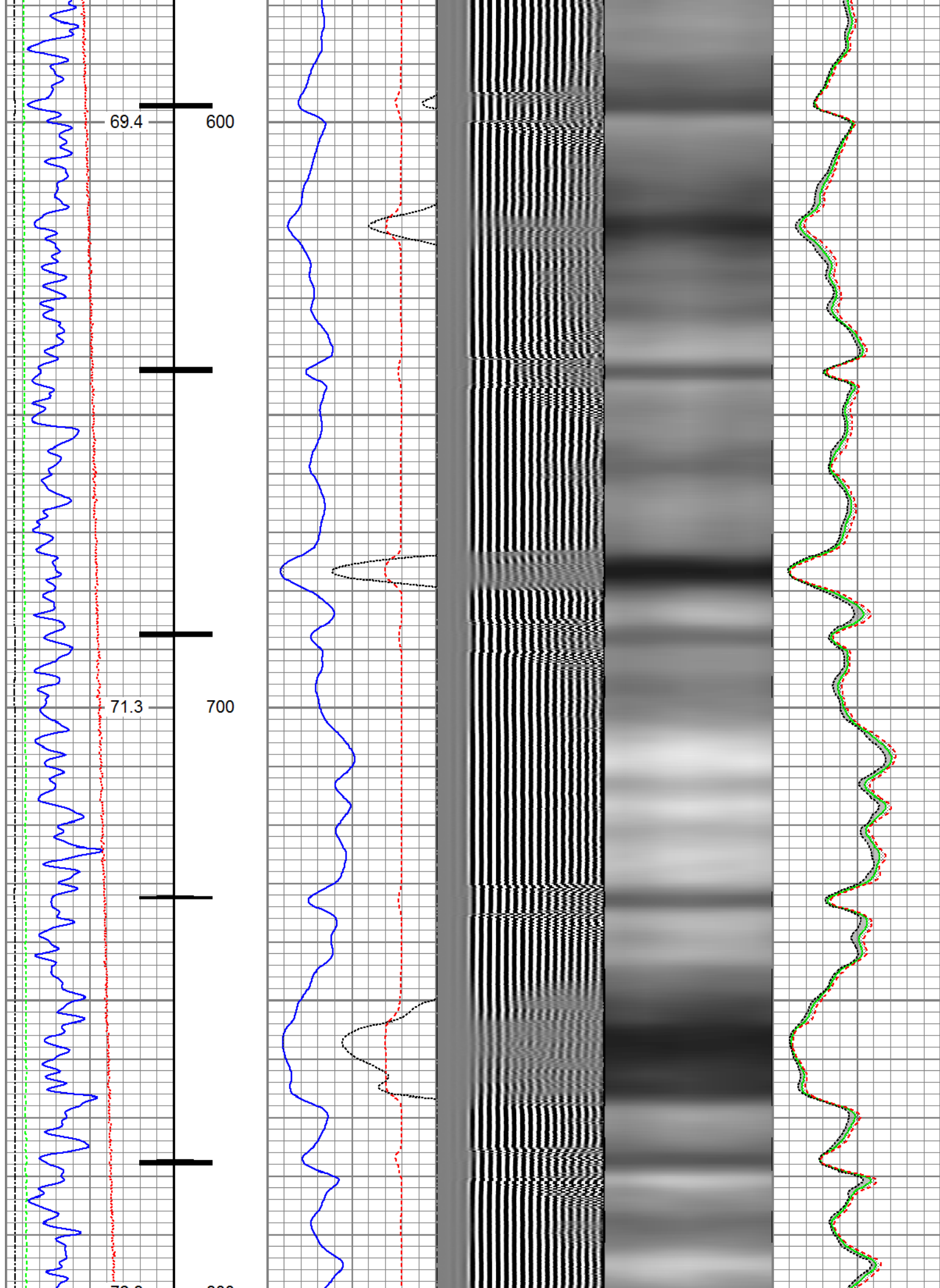
Database File	anadarko land fed 34n-32hz rcbl _16 aug.-2016_w8\processed_0512342396_anadarko_land fed 34r
Dataset Pathname	main1.1
Presentation Format	ros_radri
Dataset Creation	Tue Aug 16 13:28:28 2016
Charted by	Depth in Feet scaled 1:240

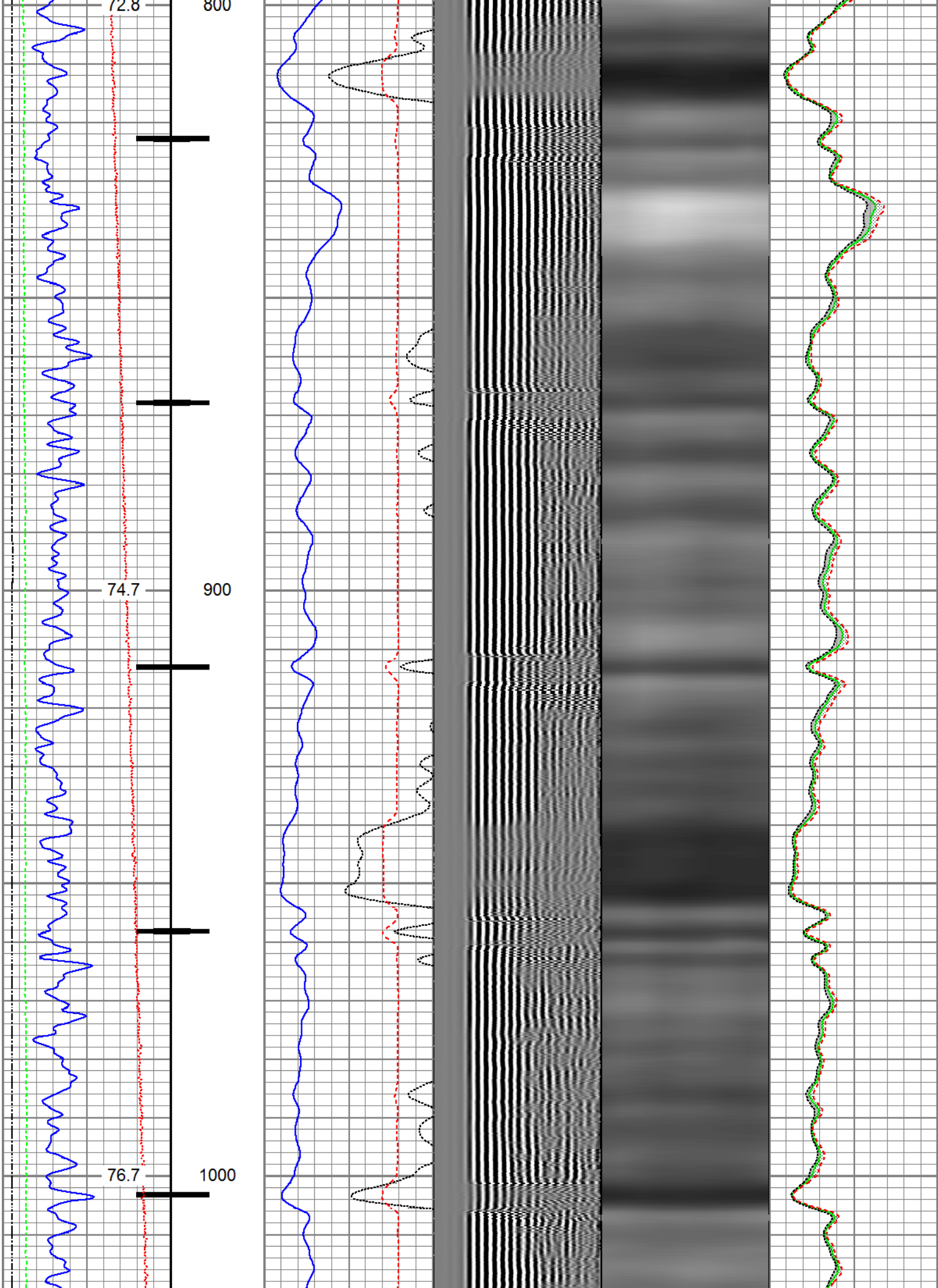
Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 120	0 (mV) 100	200 1200		0 100
Casing Collar Locator	3' Amplitude x 5			Minimum Amplitude
	0 (mV) 20			0 100
Temperature	3' Travel Time			Maximum Amplitude
0 (degF) 20	650 (usec) 150			0 100
Line Speed				
-150 (ft/min)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

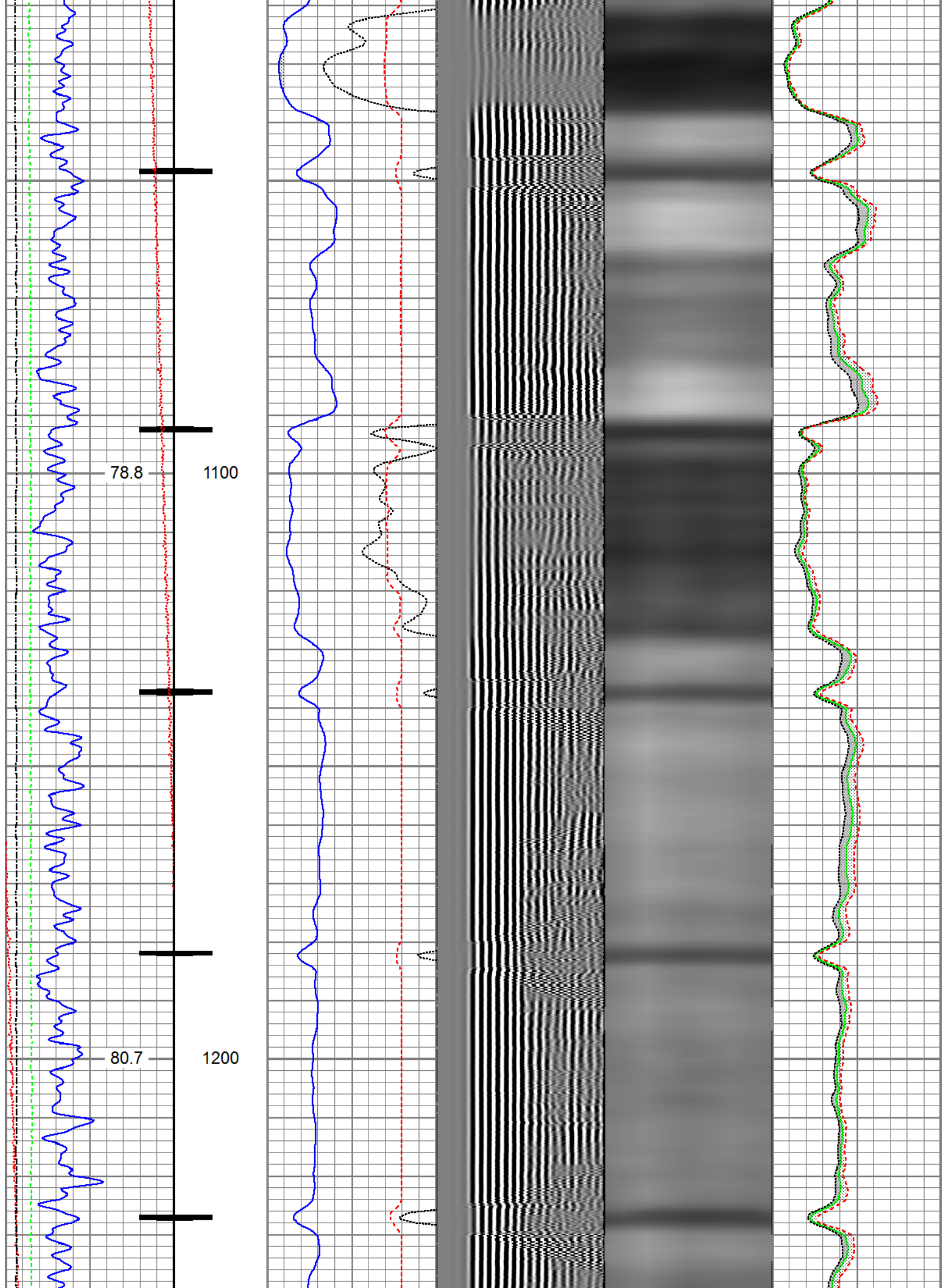


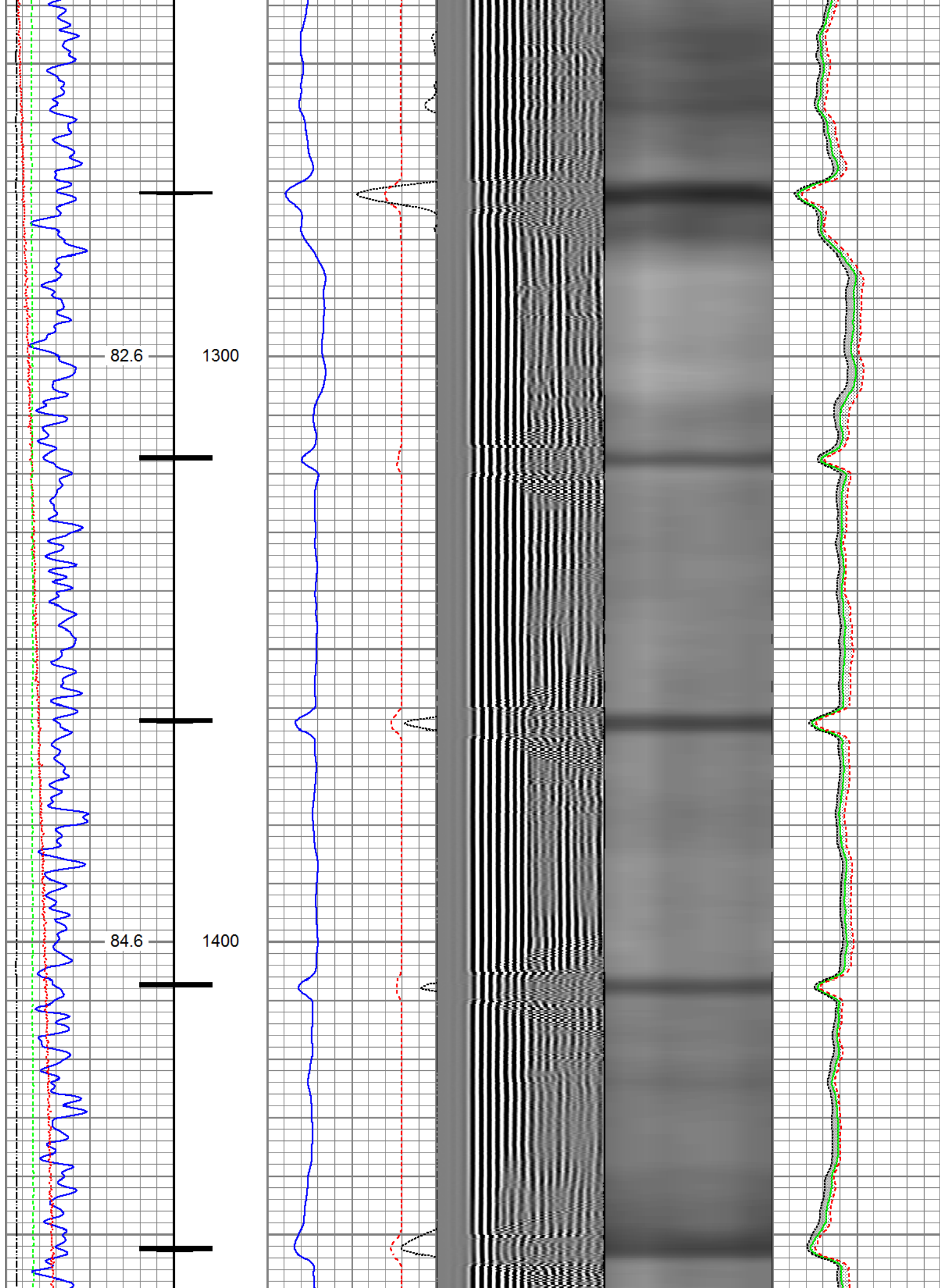


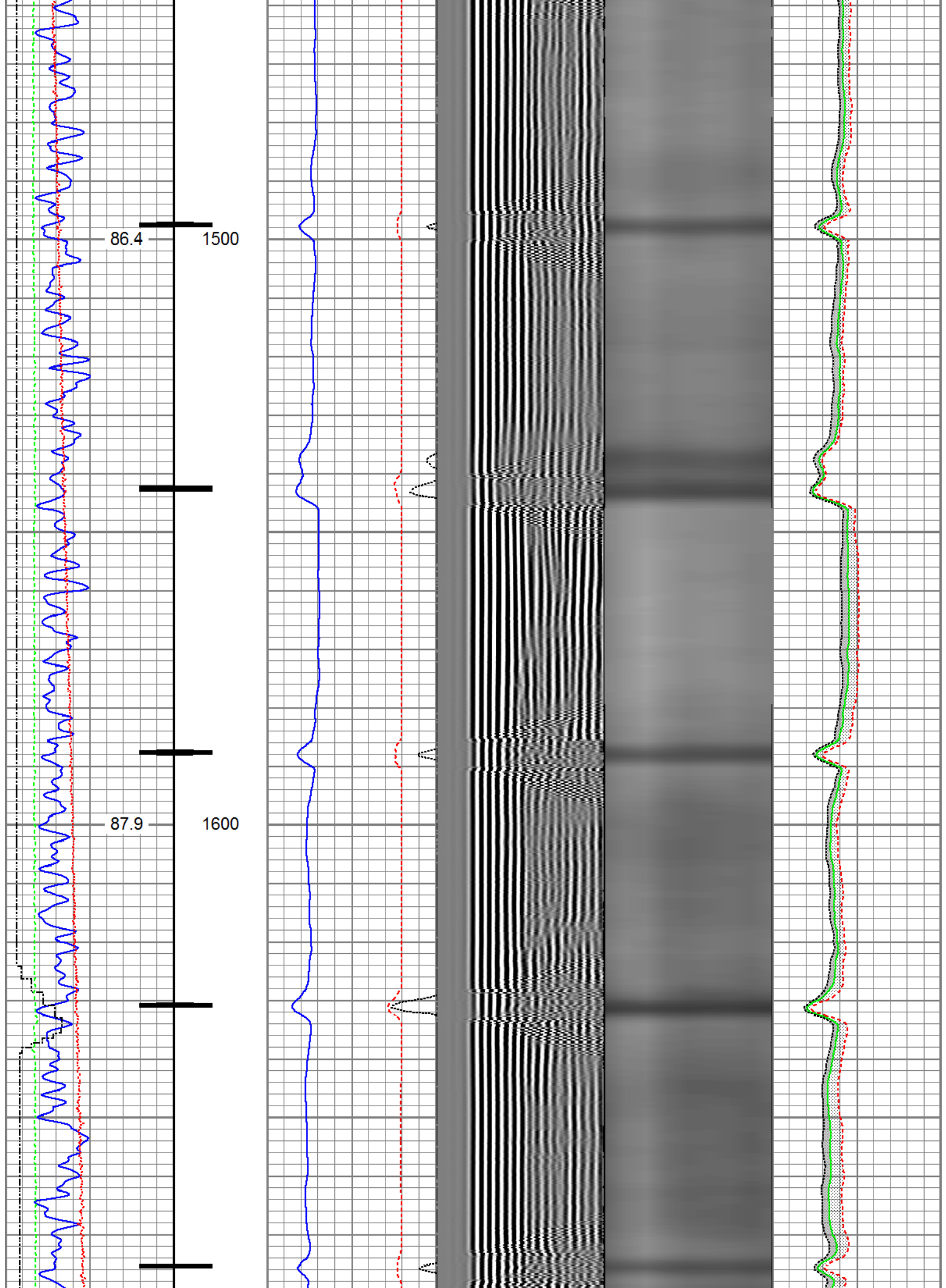


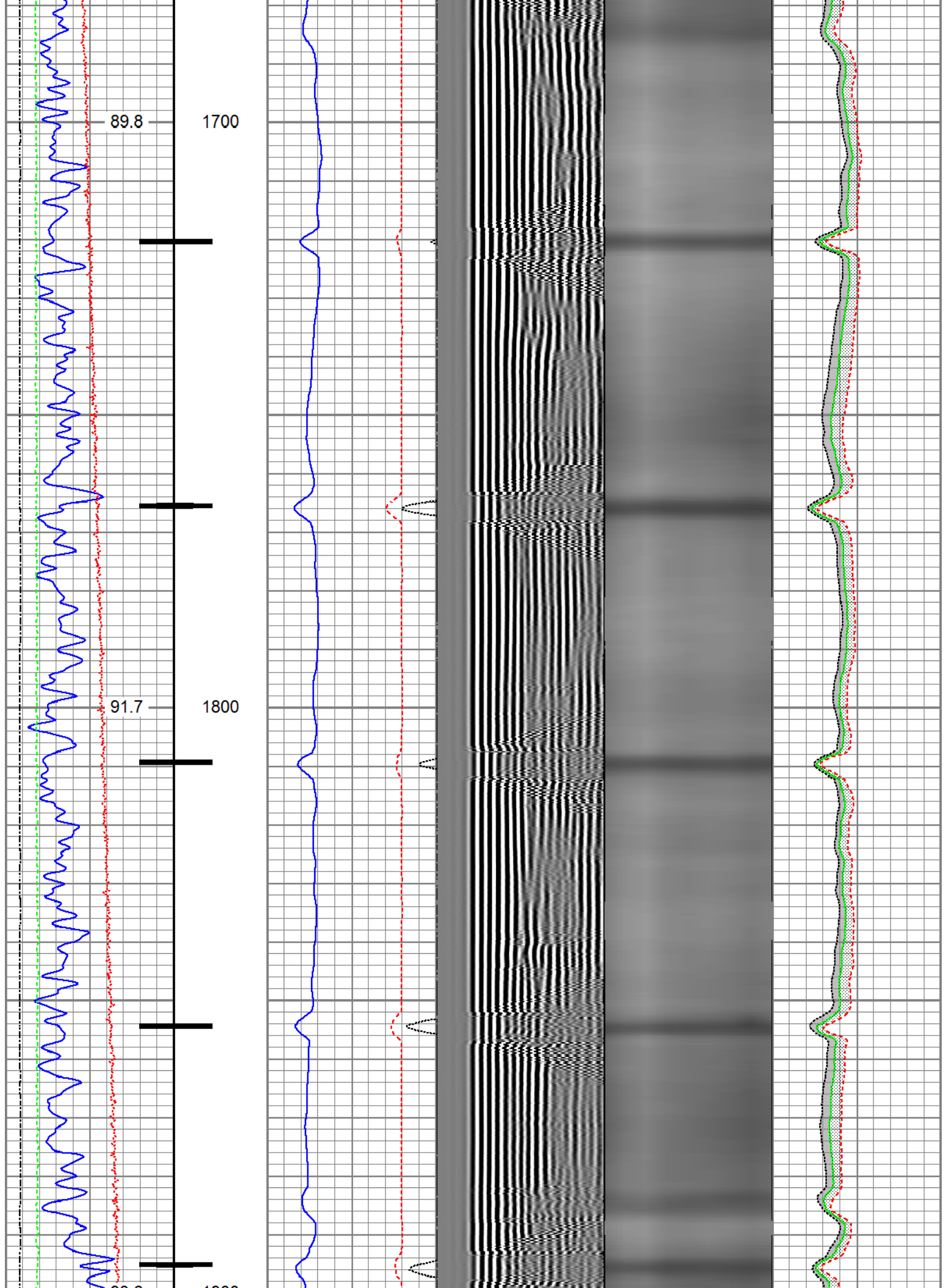


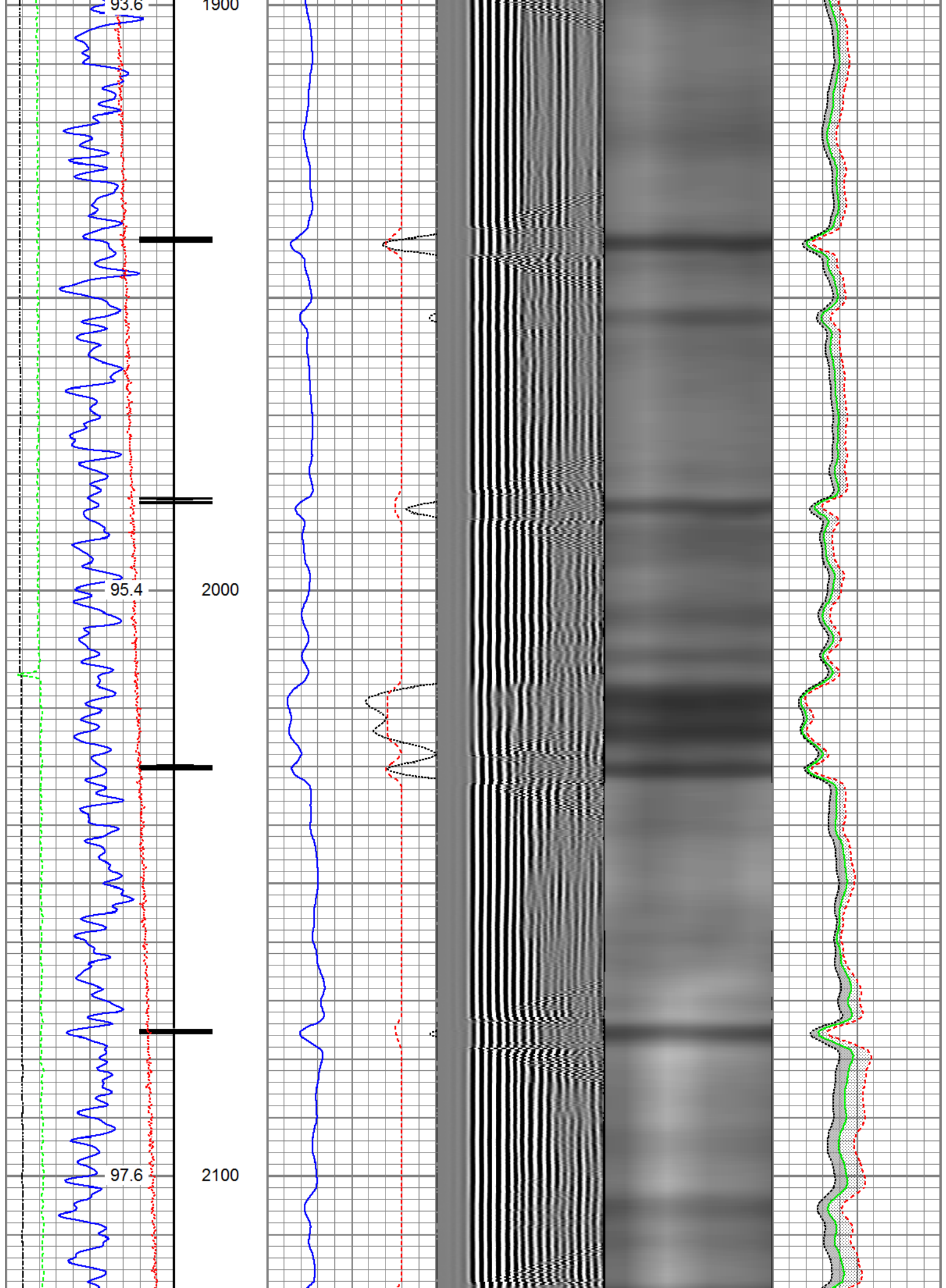


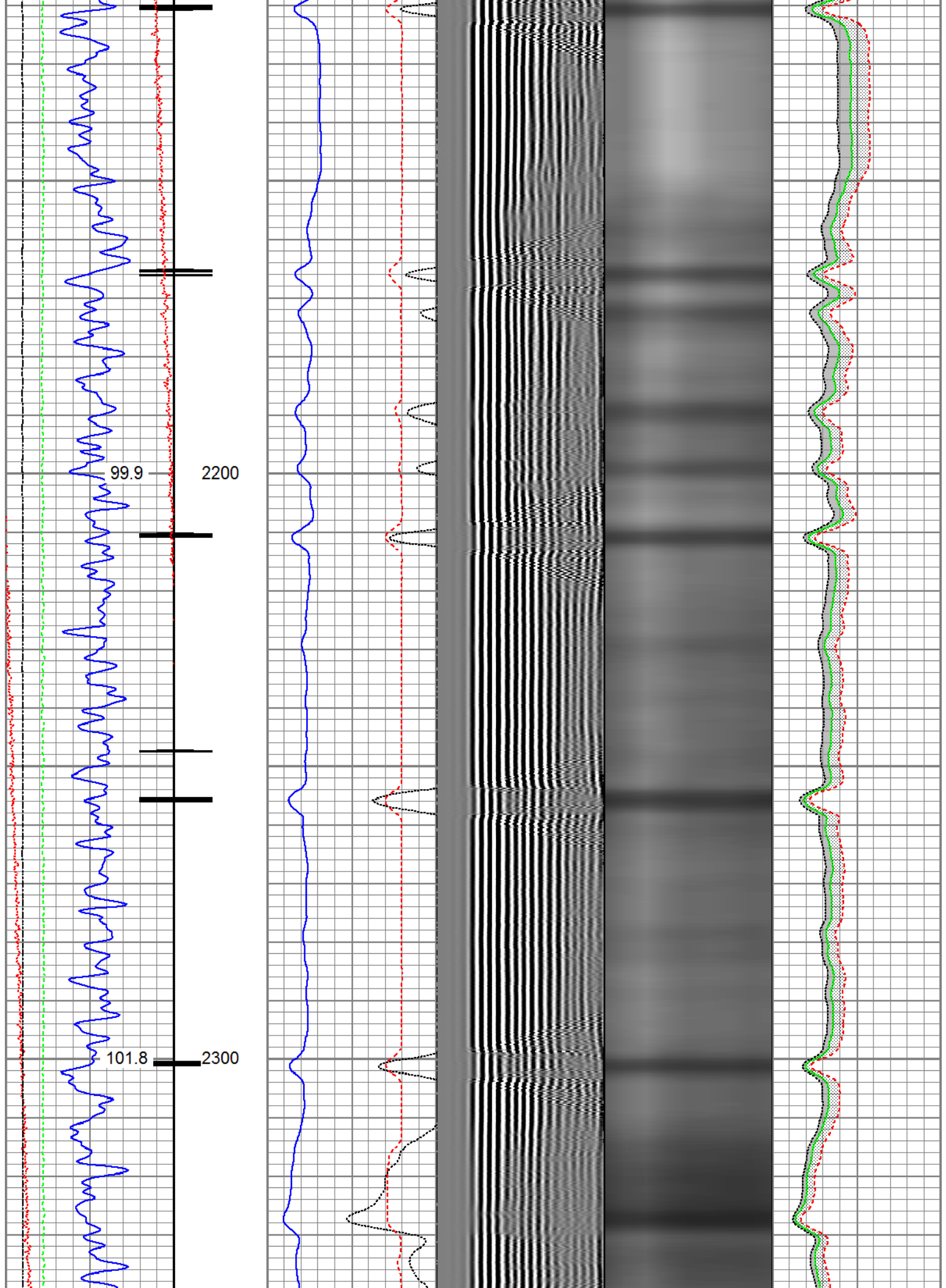


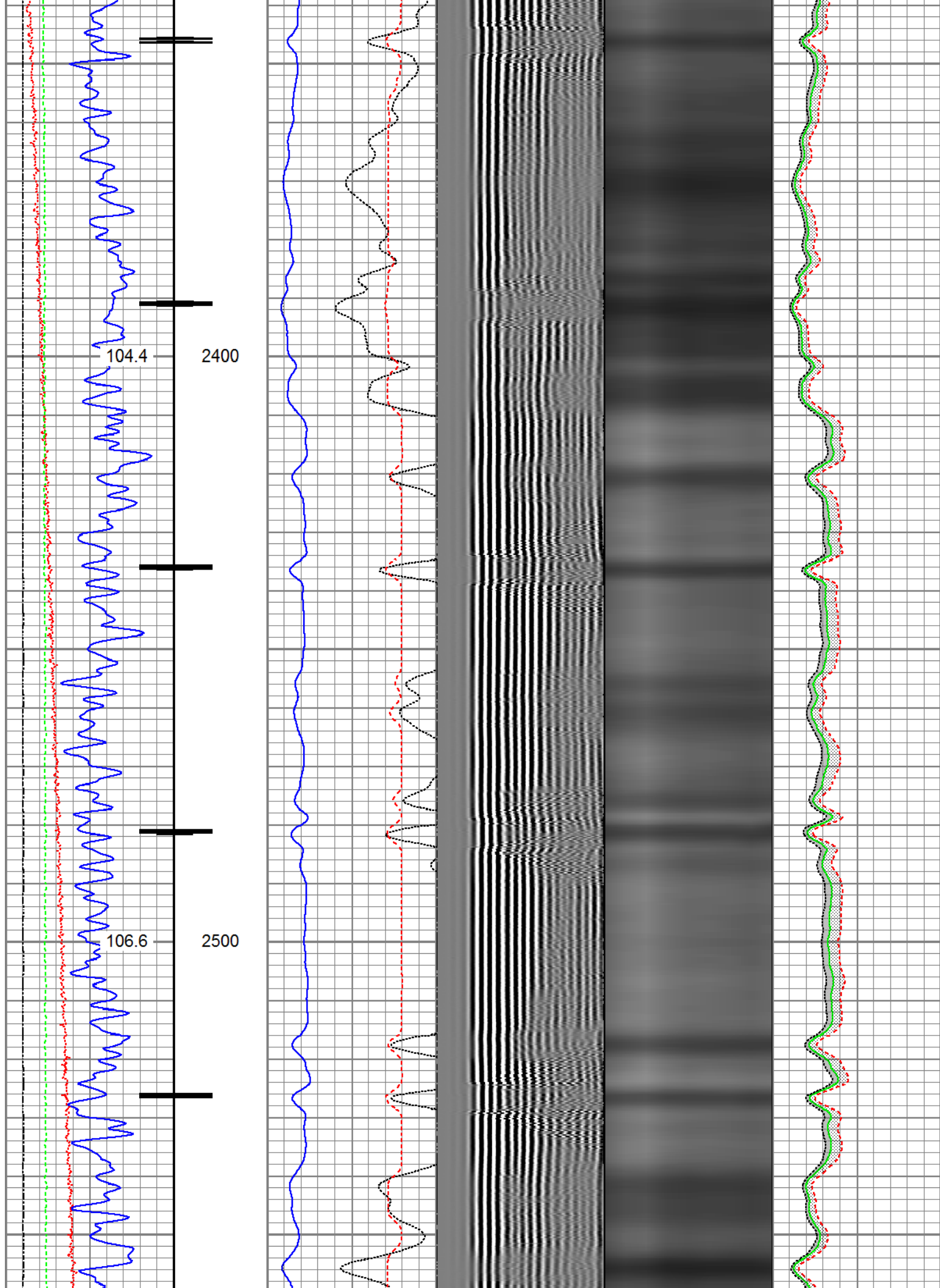


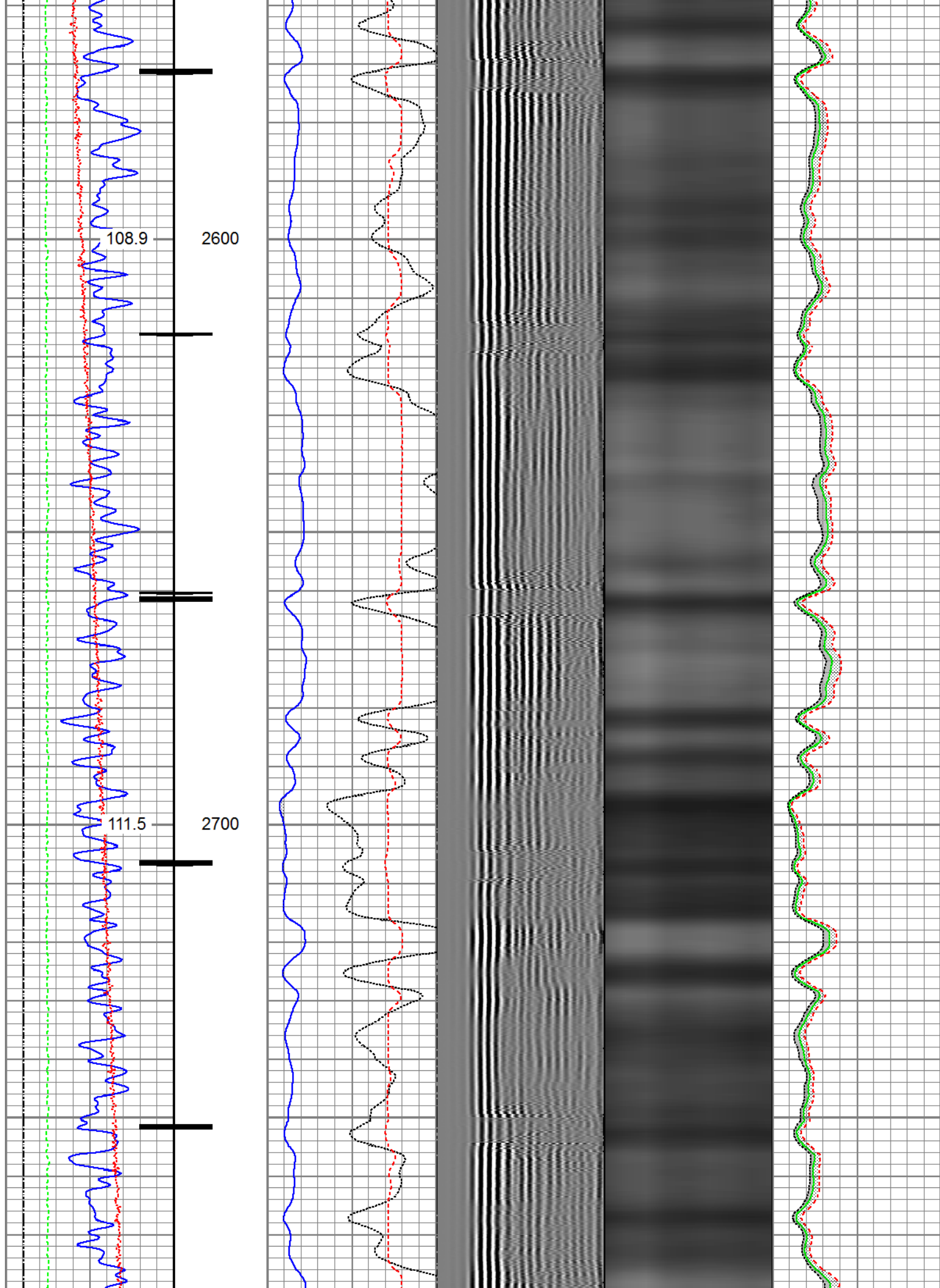


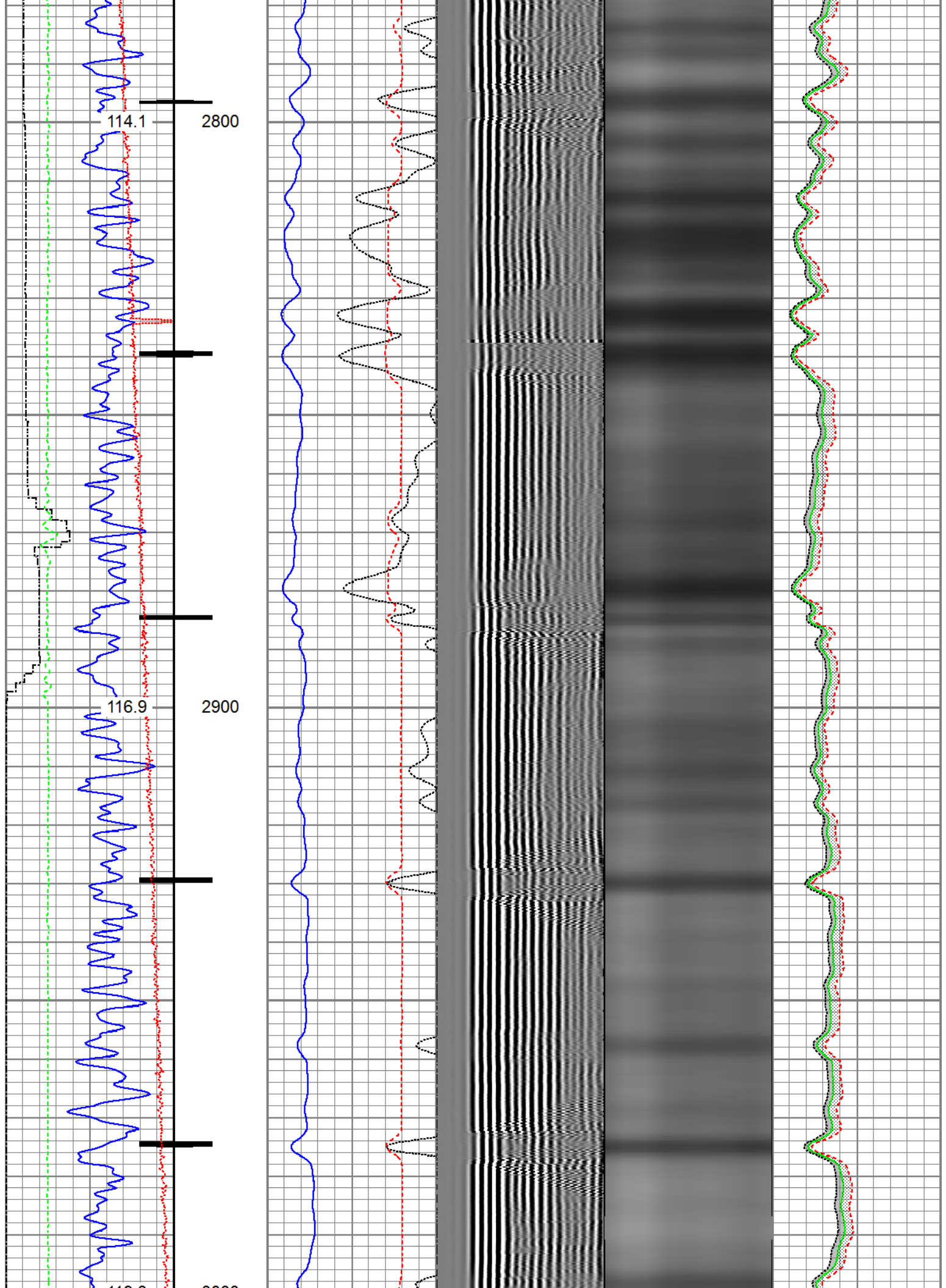


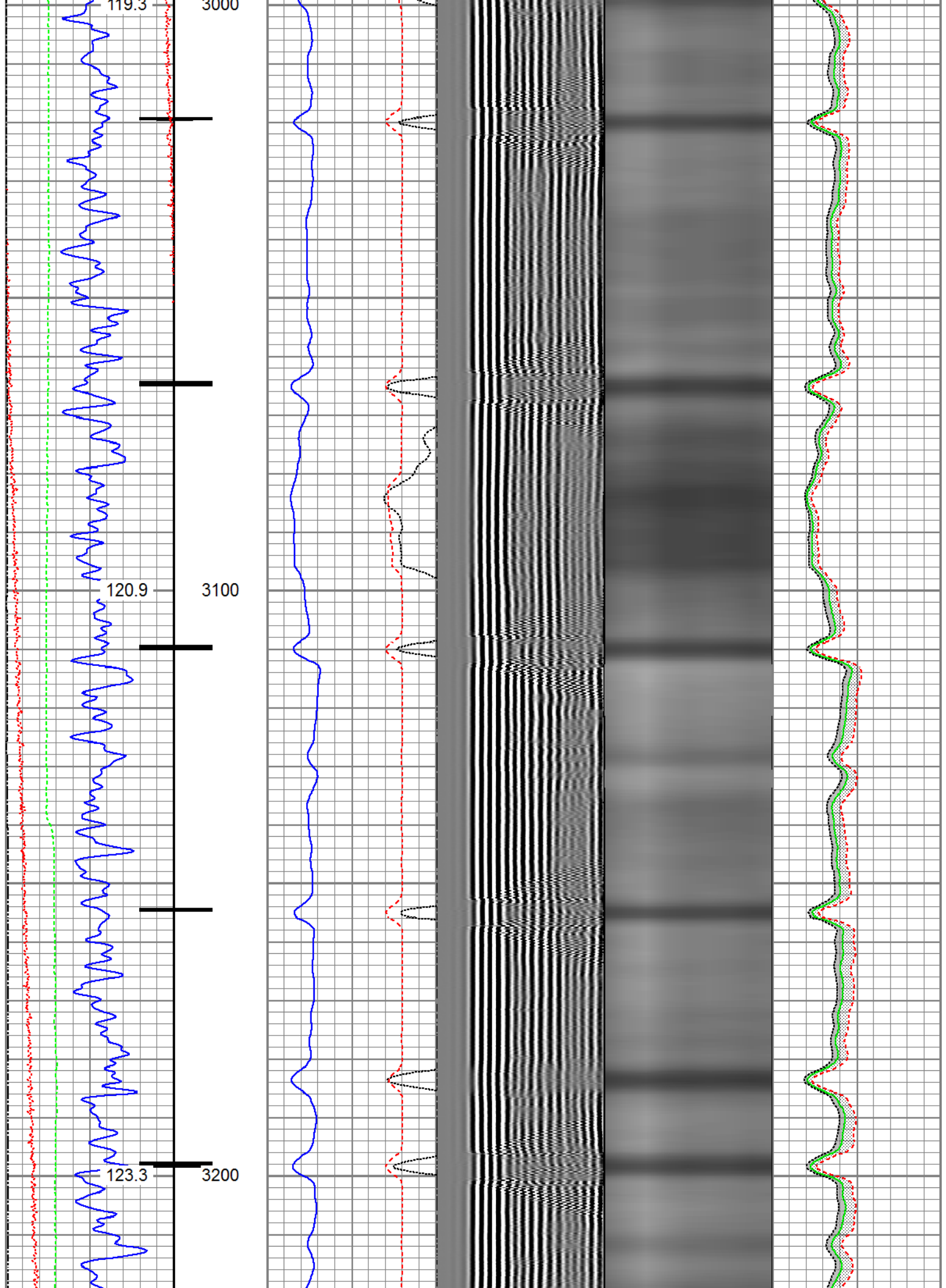


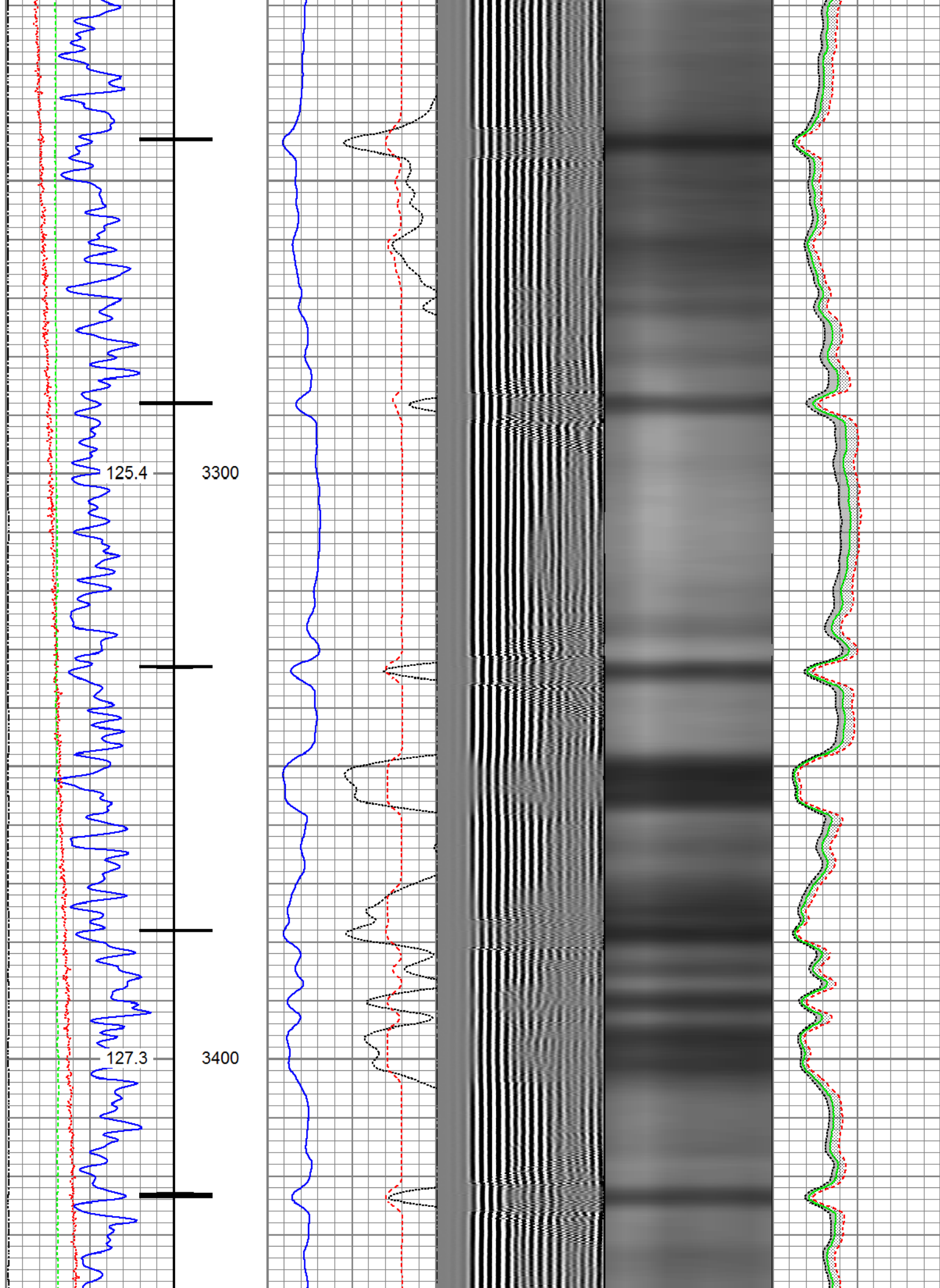


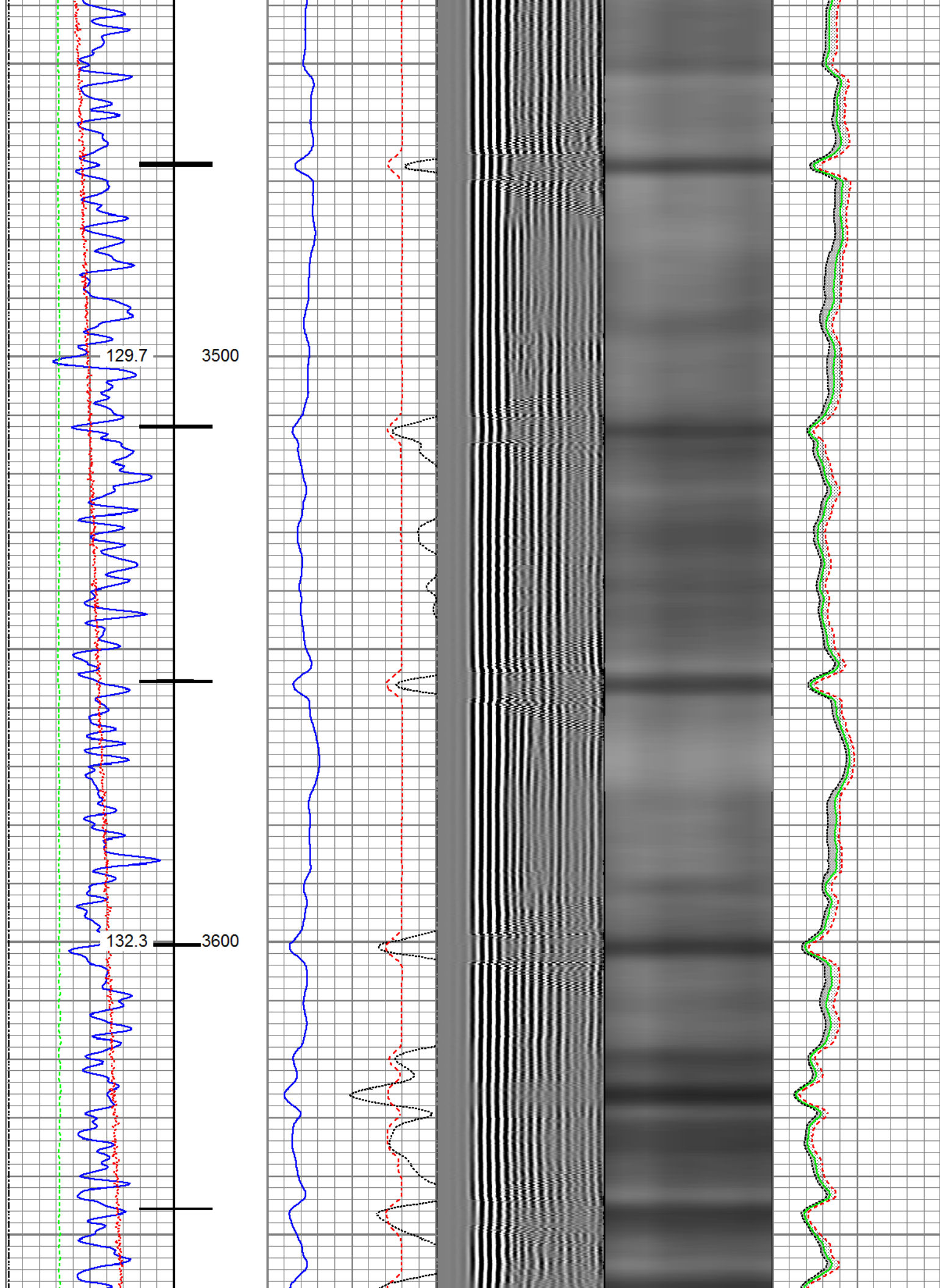


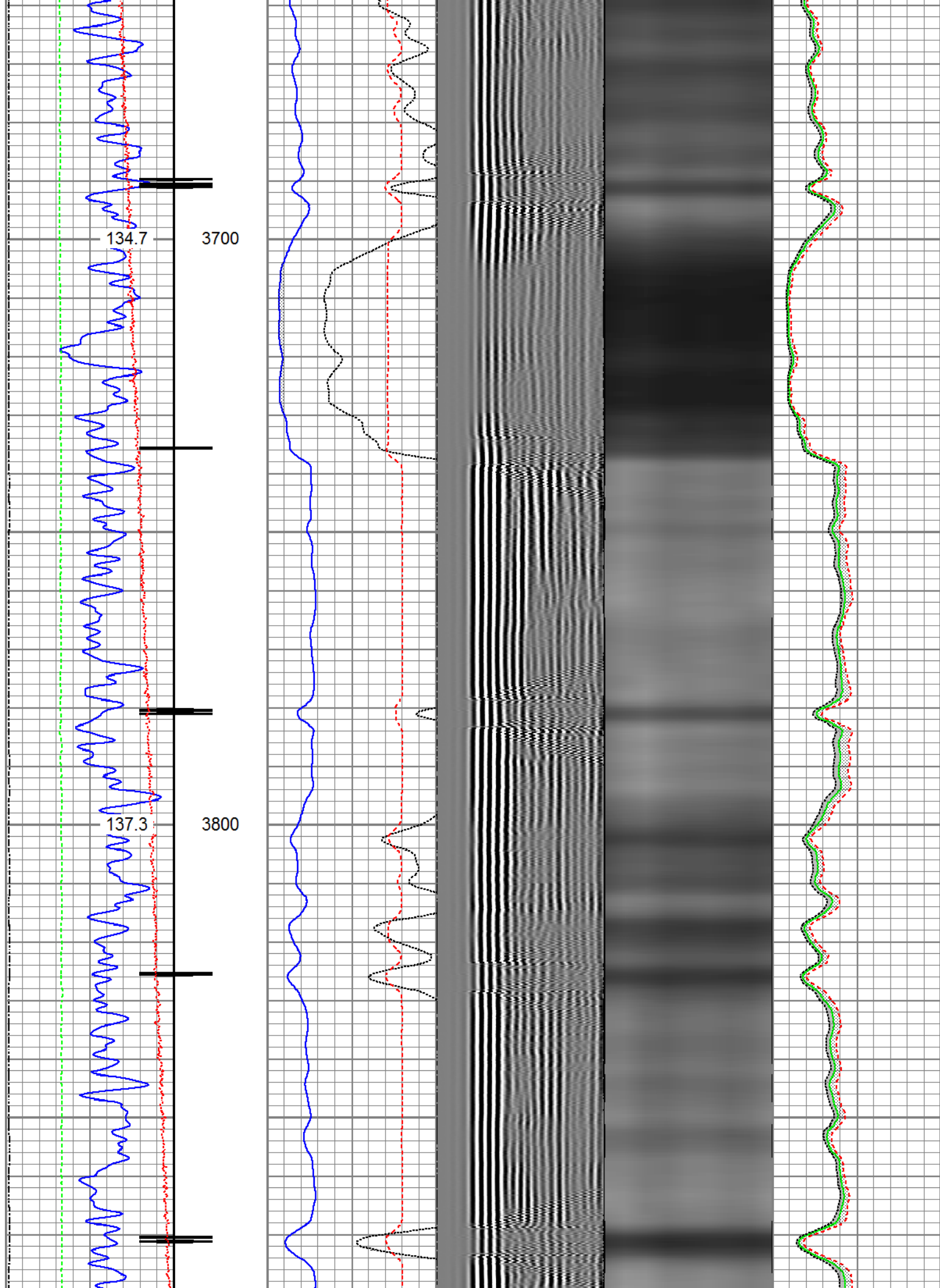


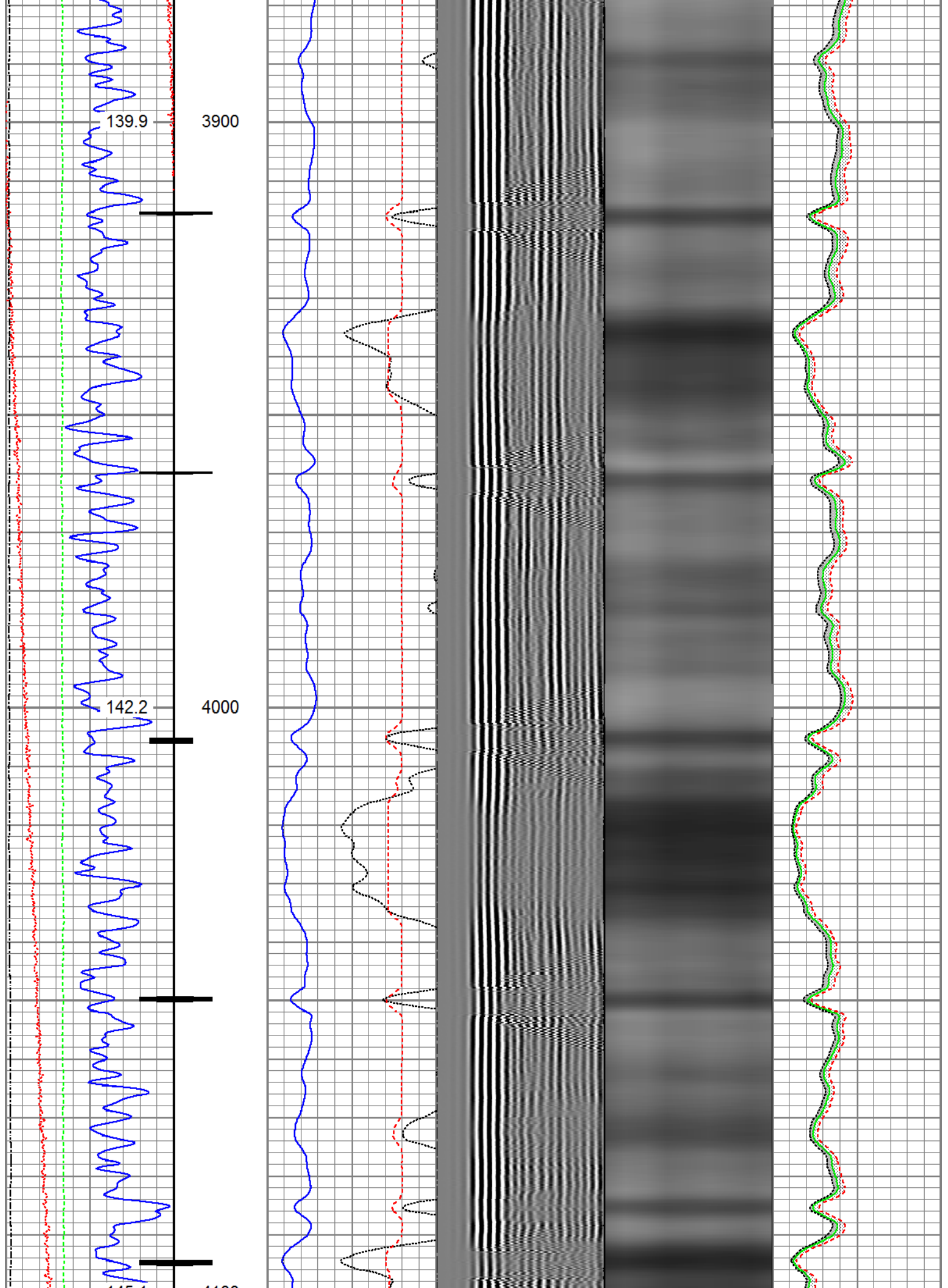


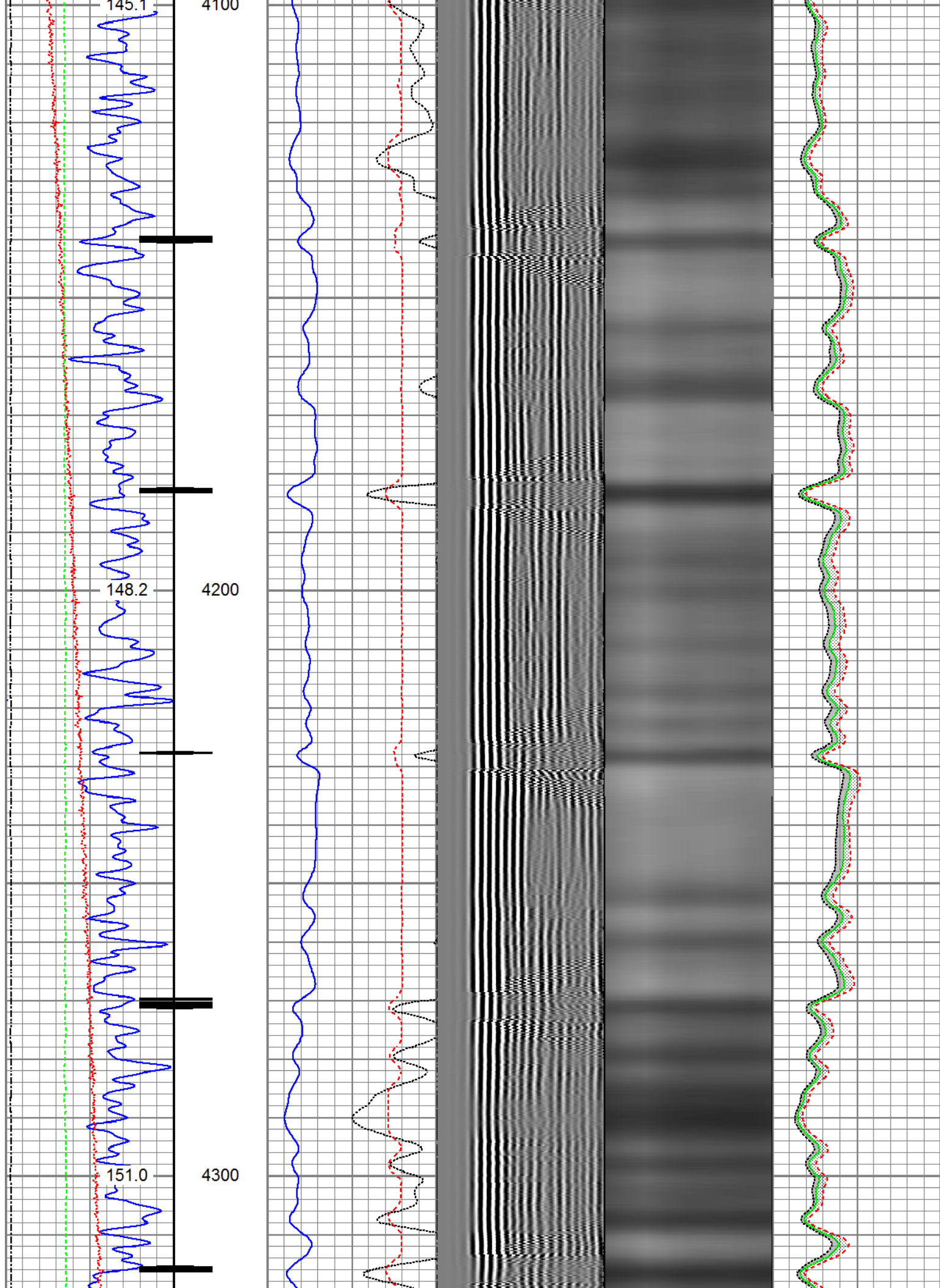


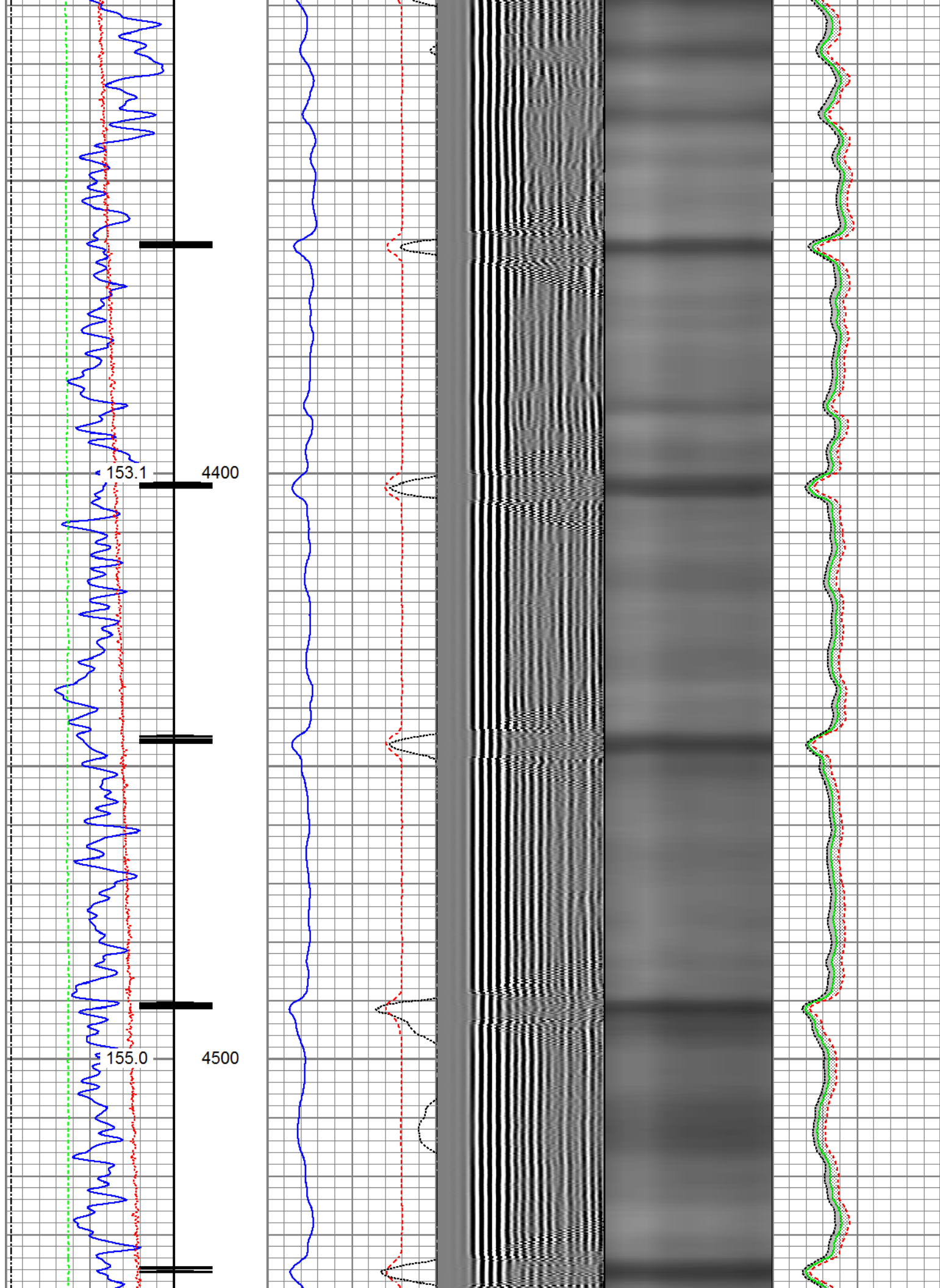


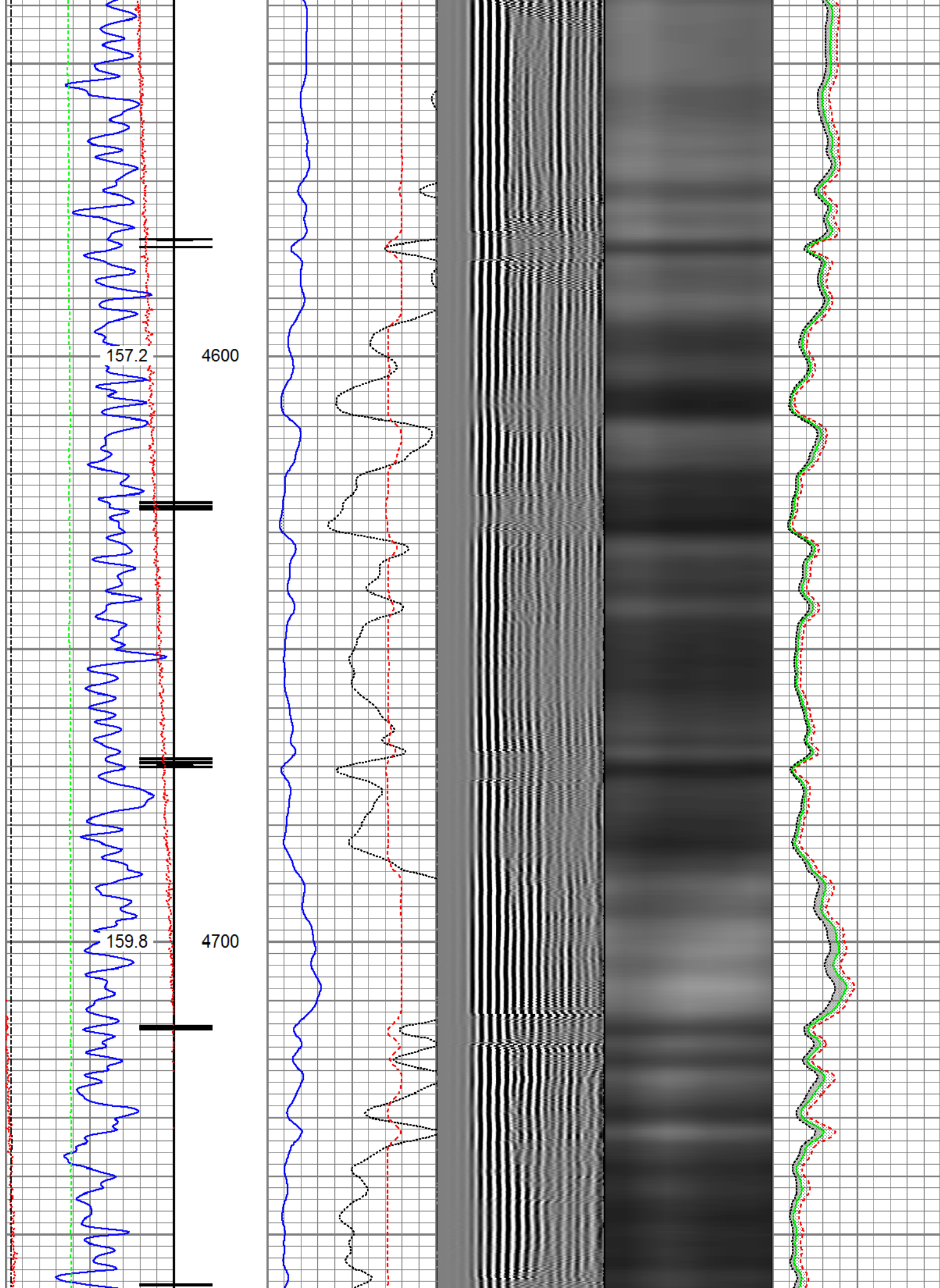


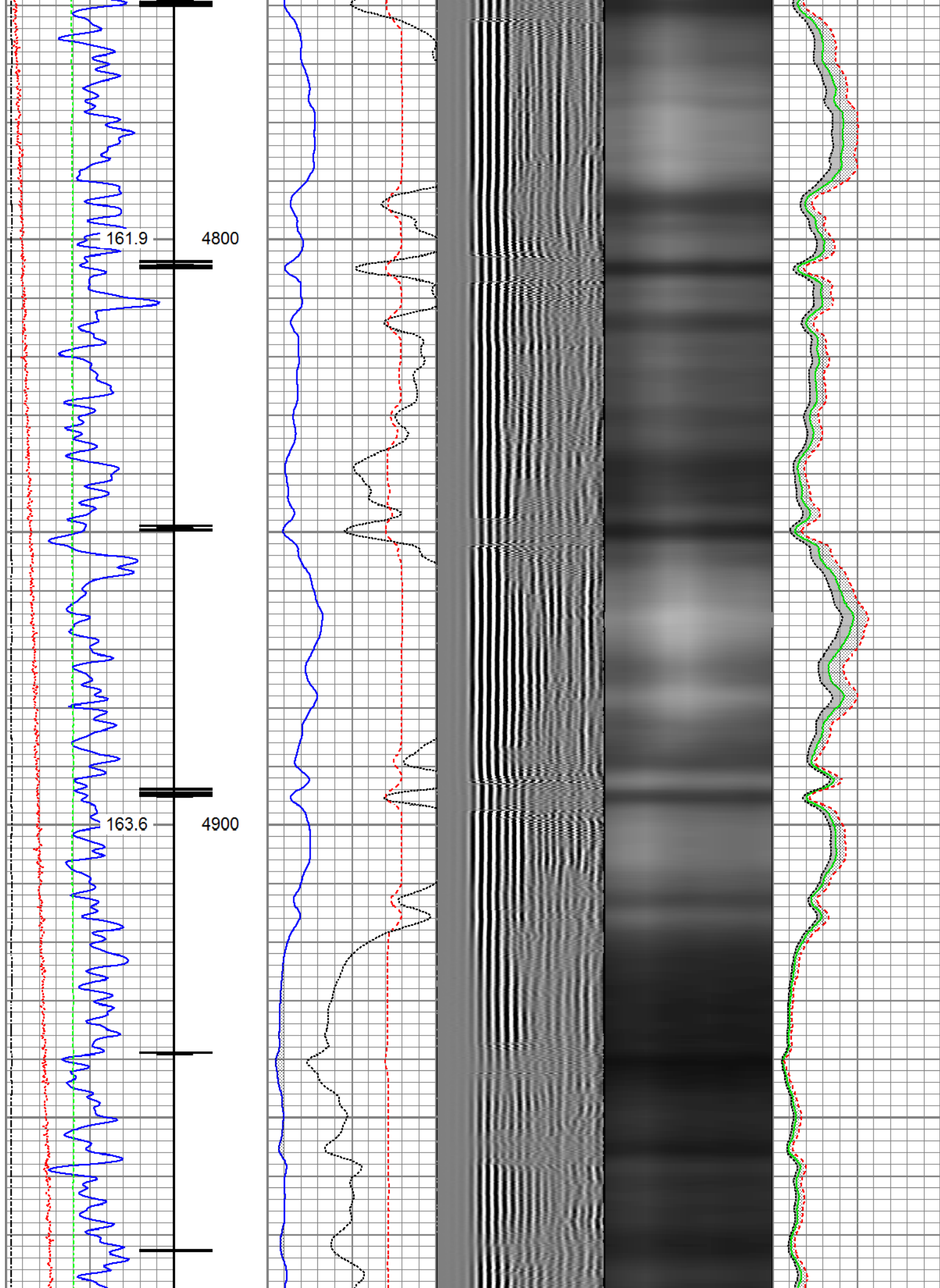


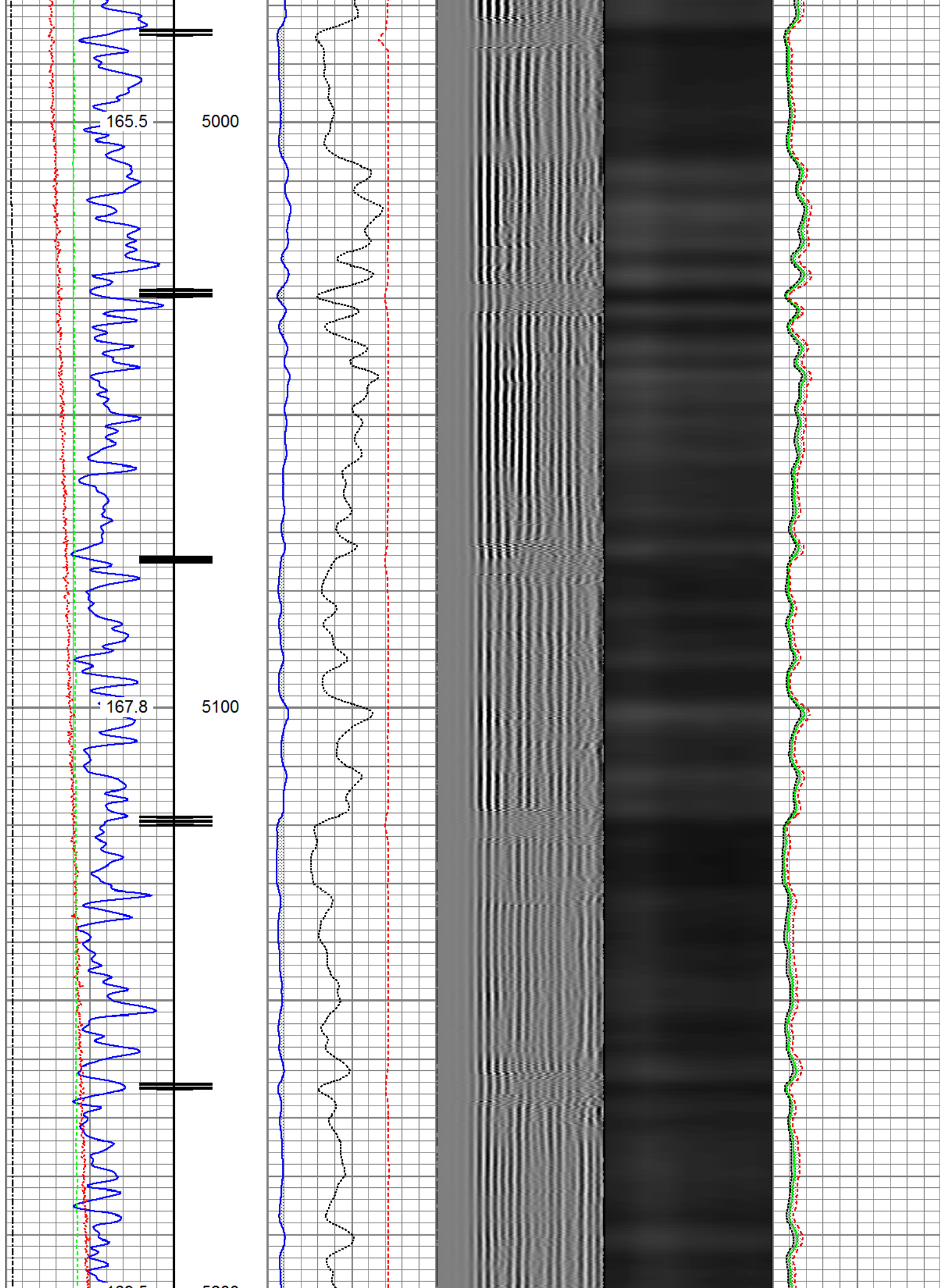


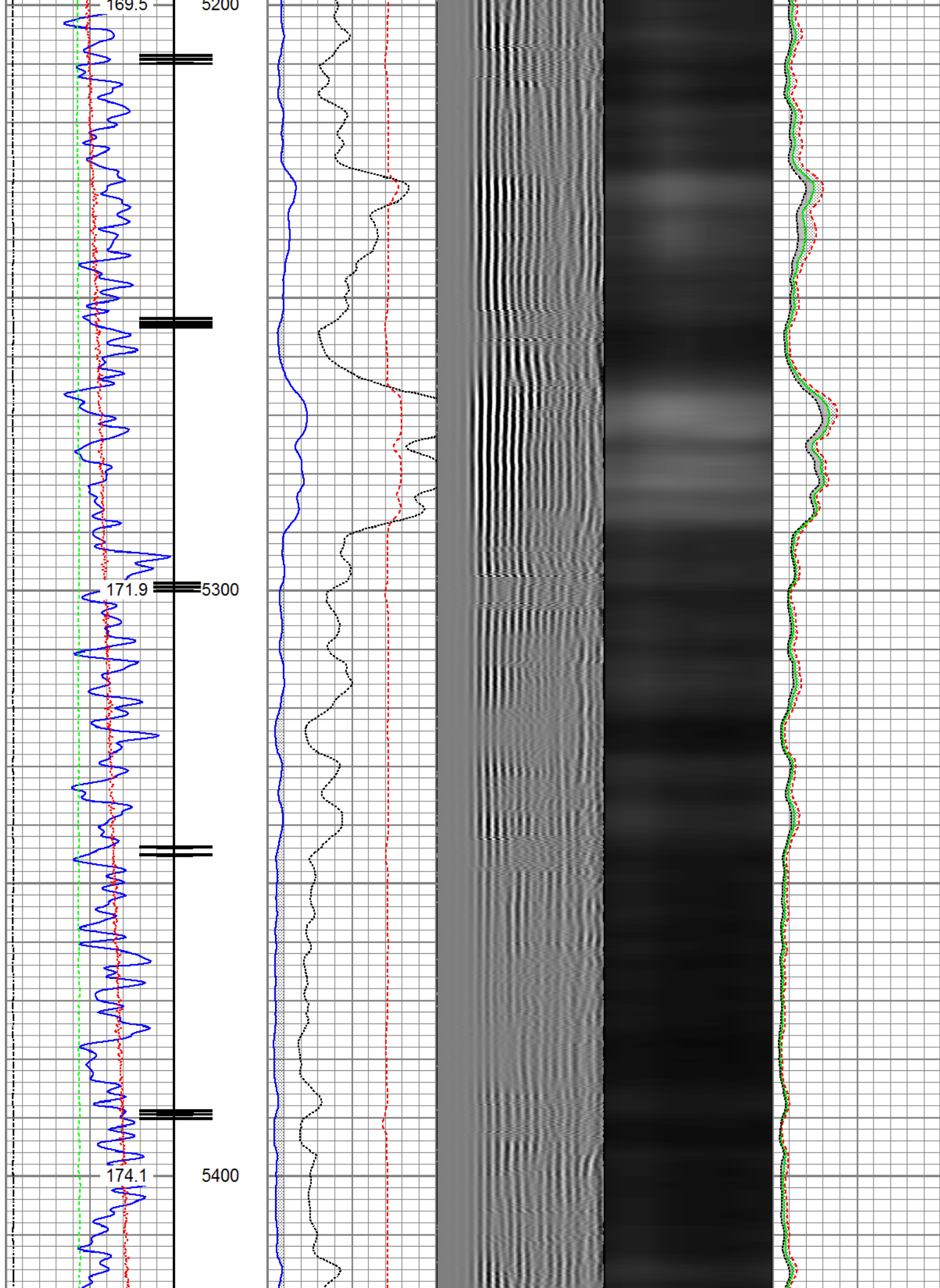


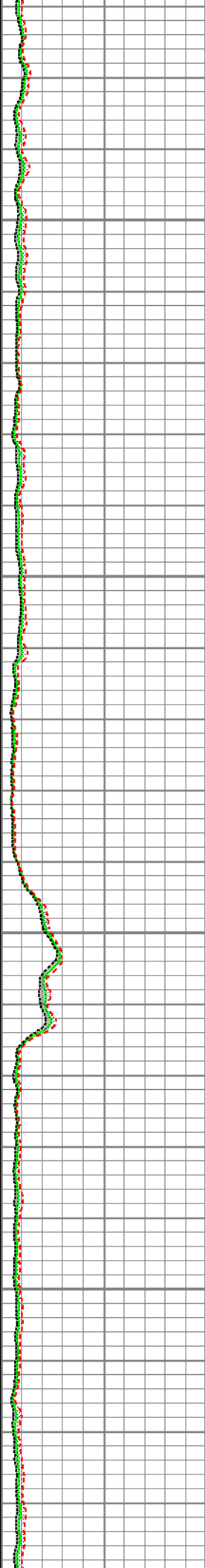
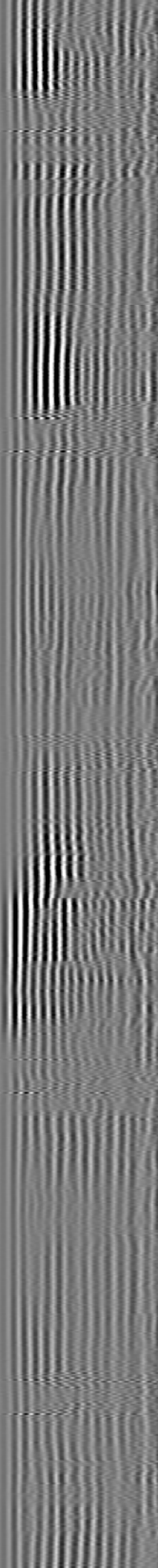
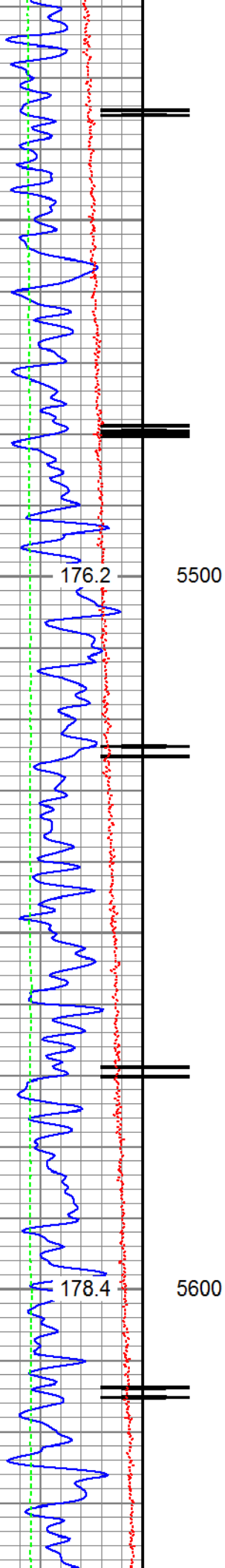


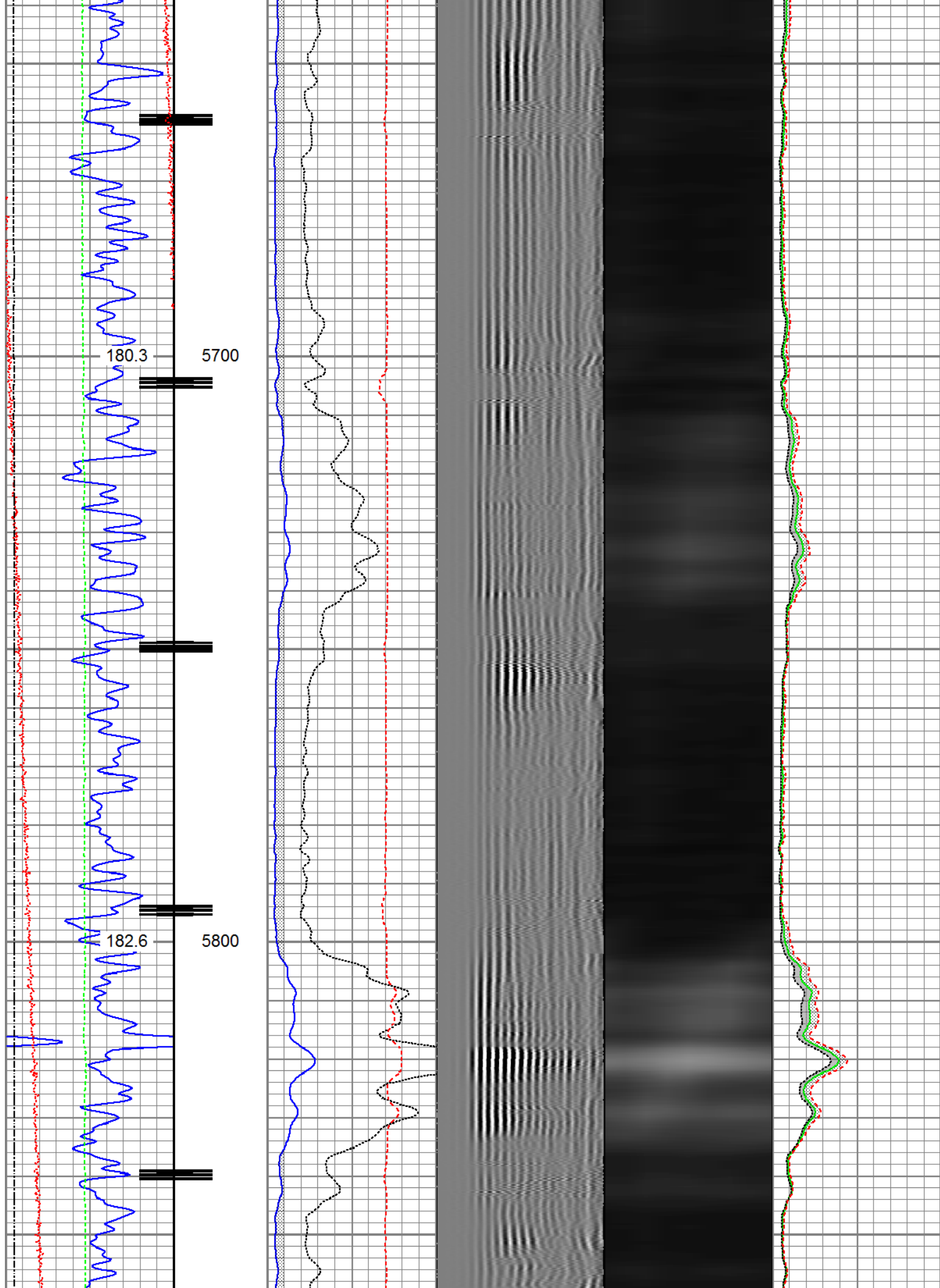


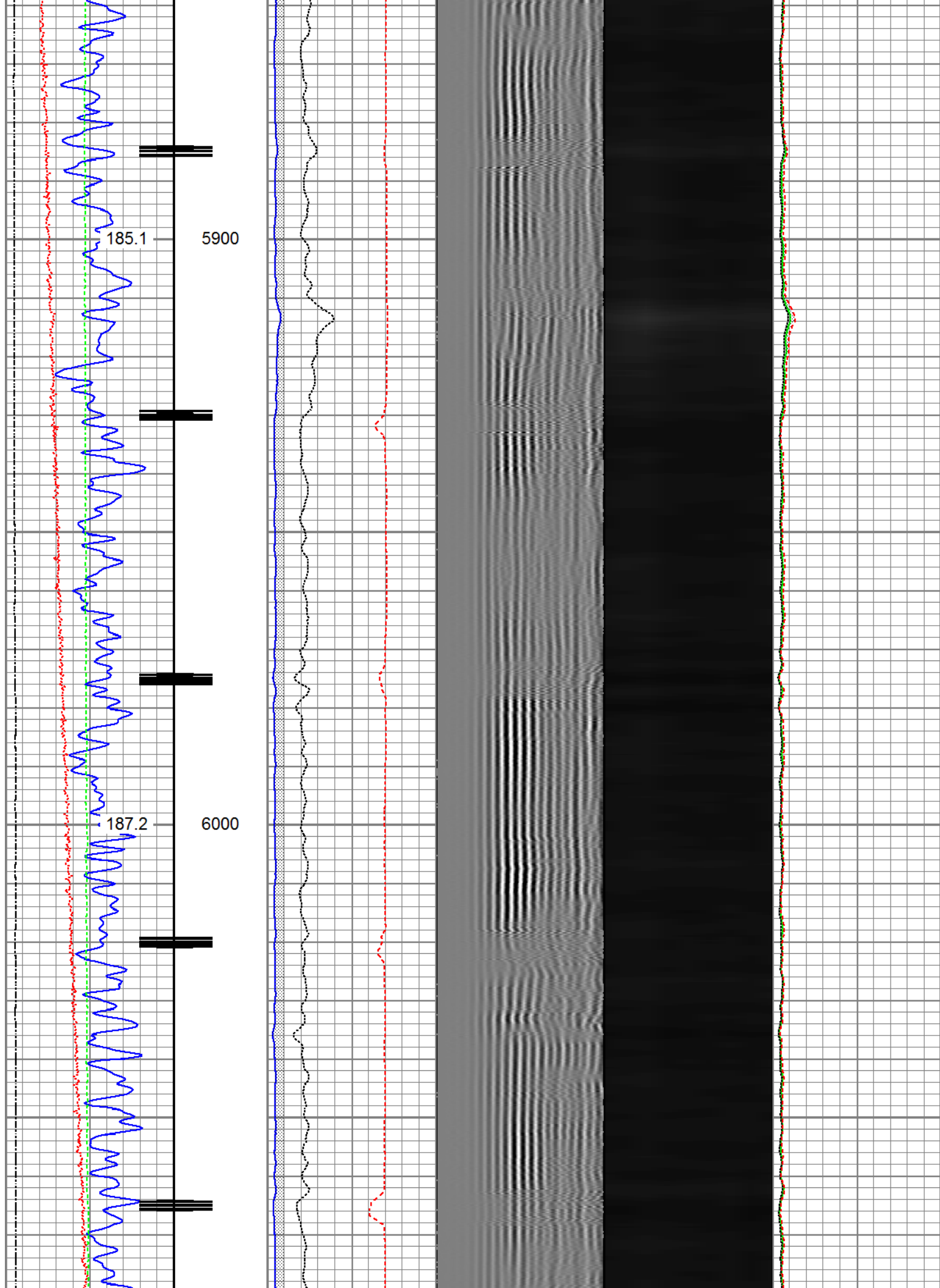


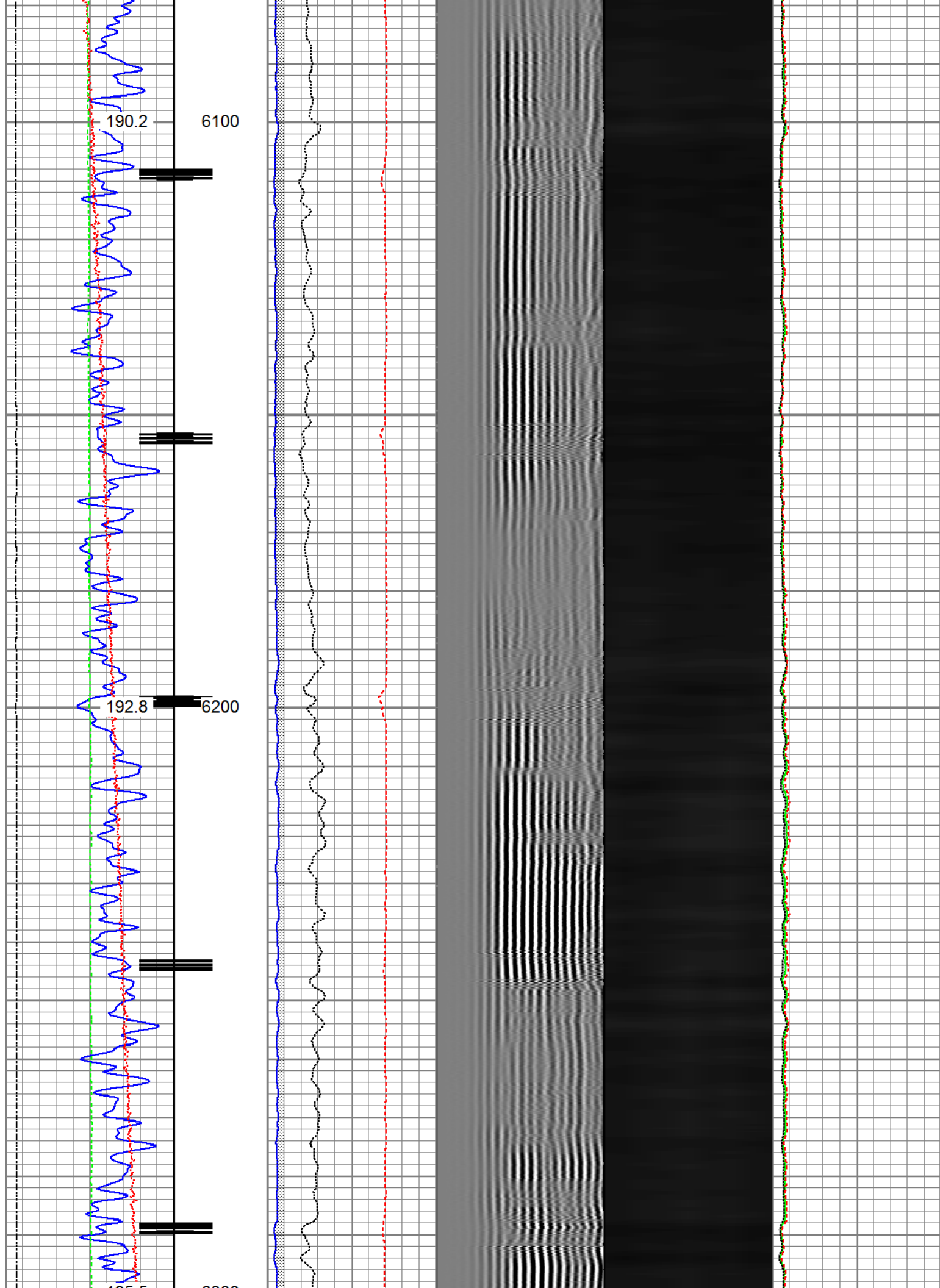


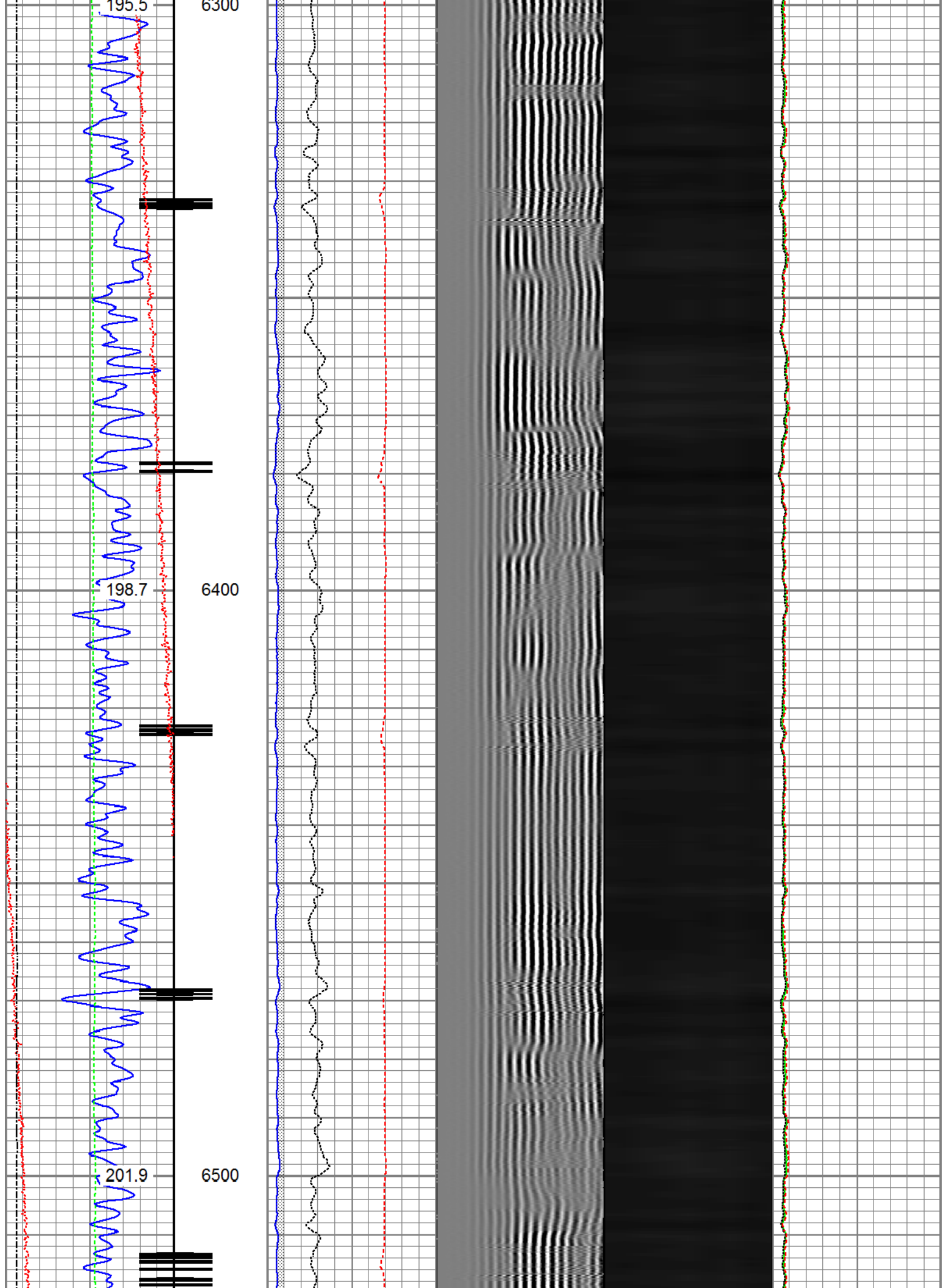


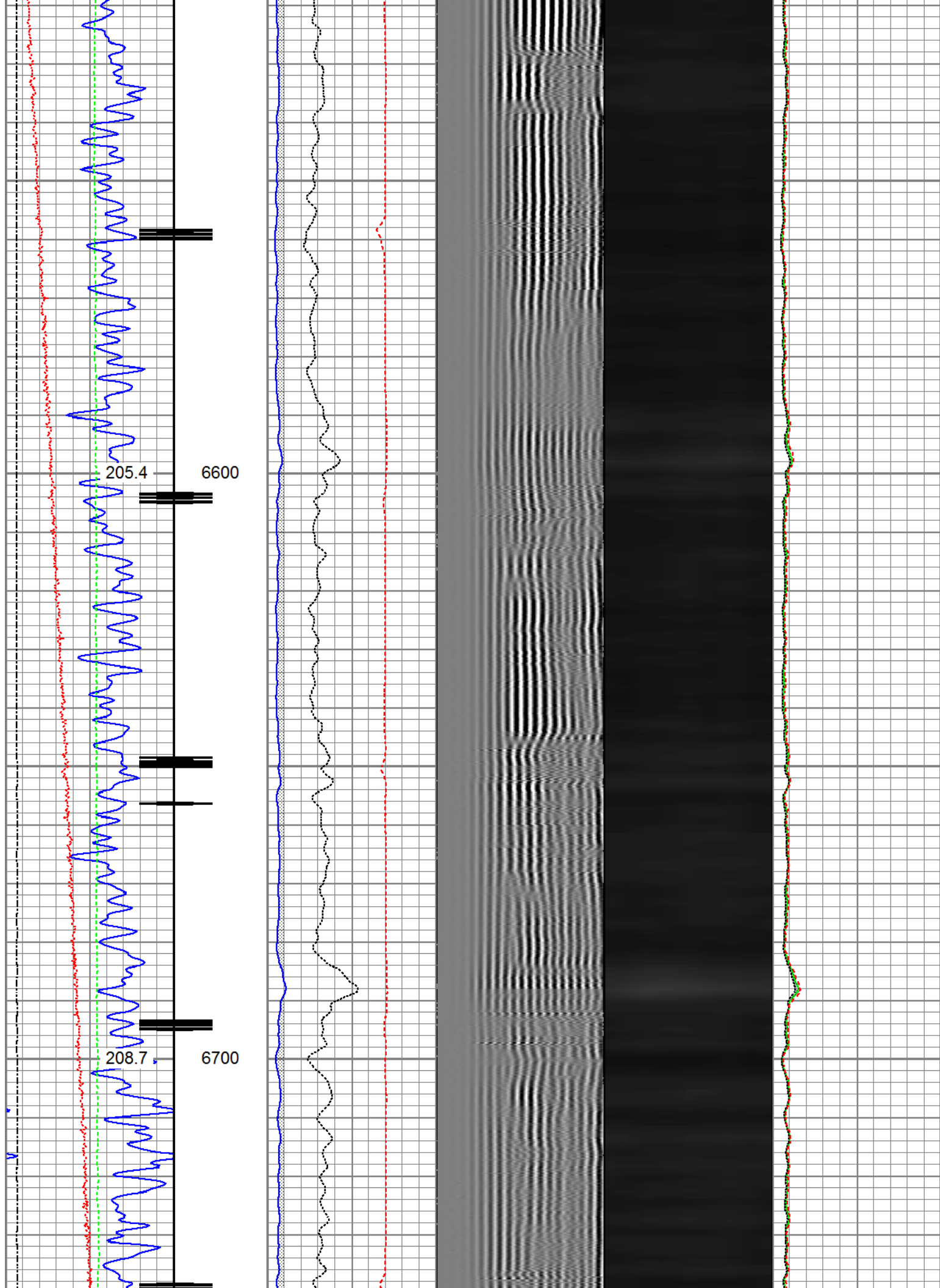


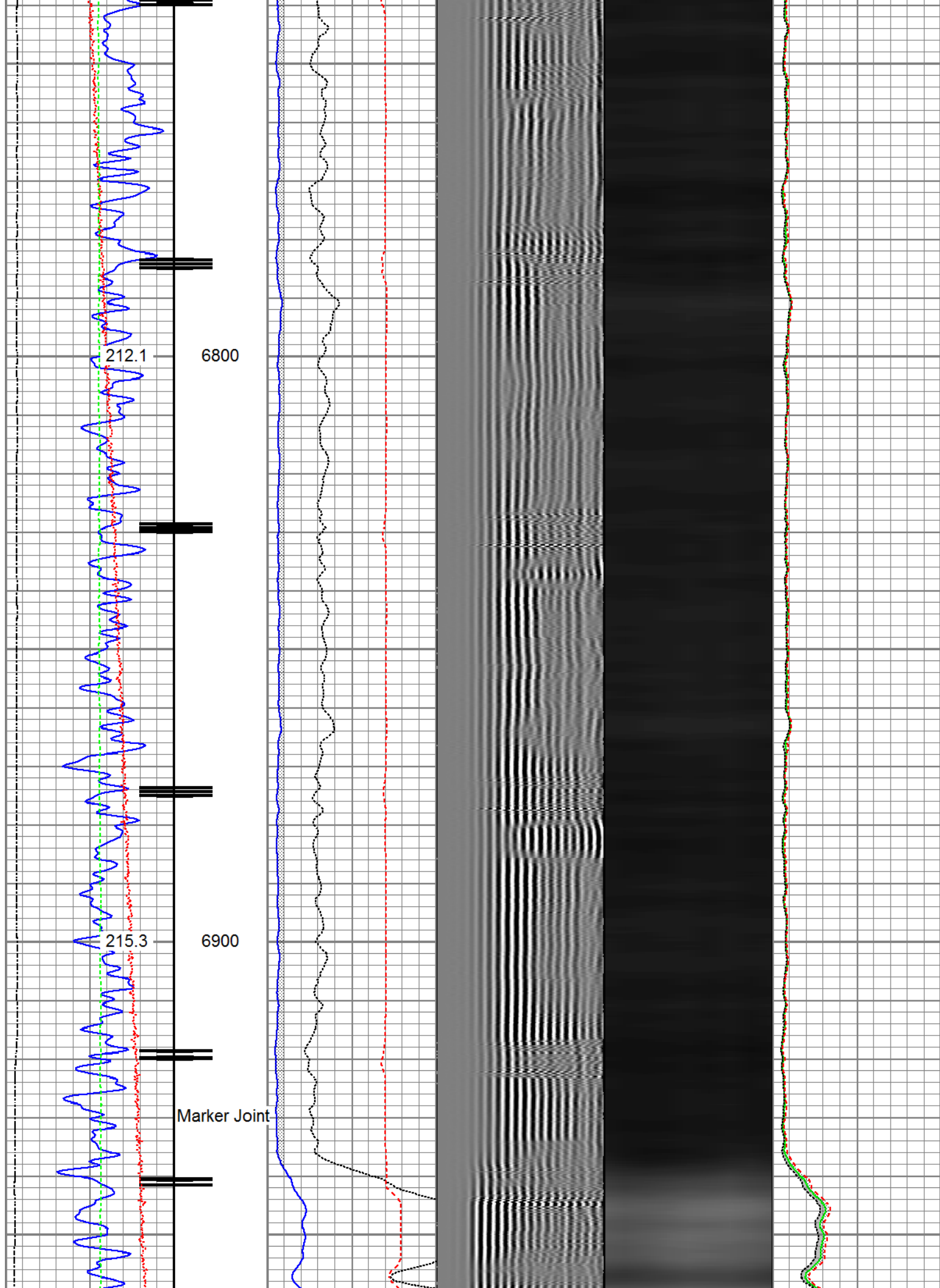


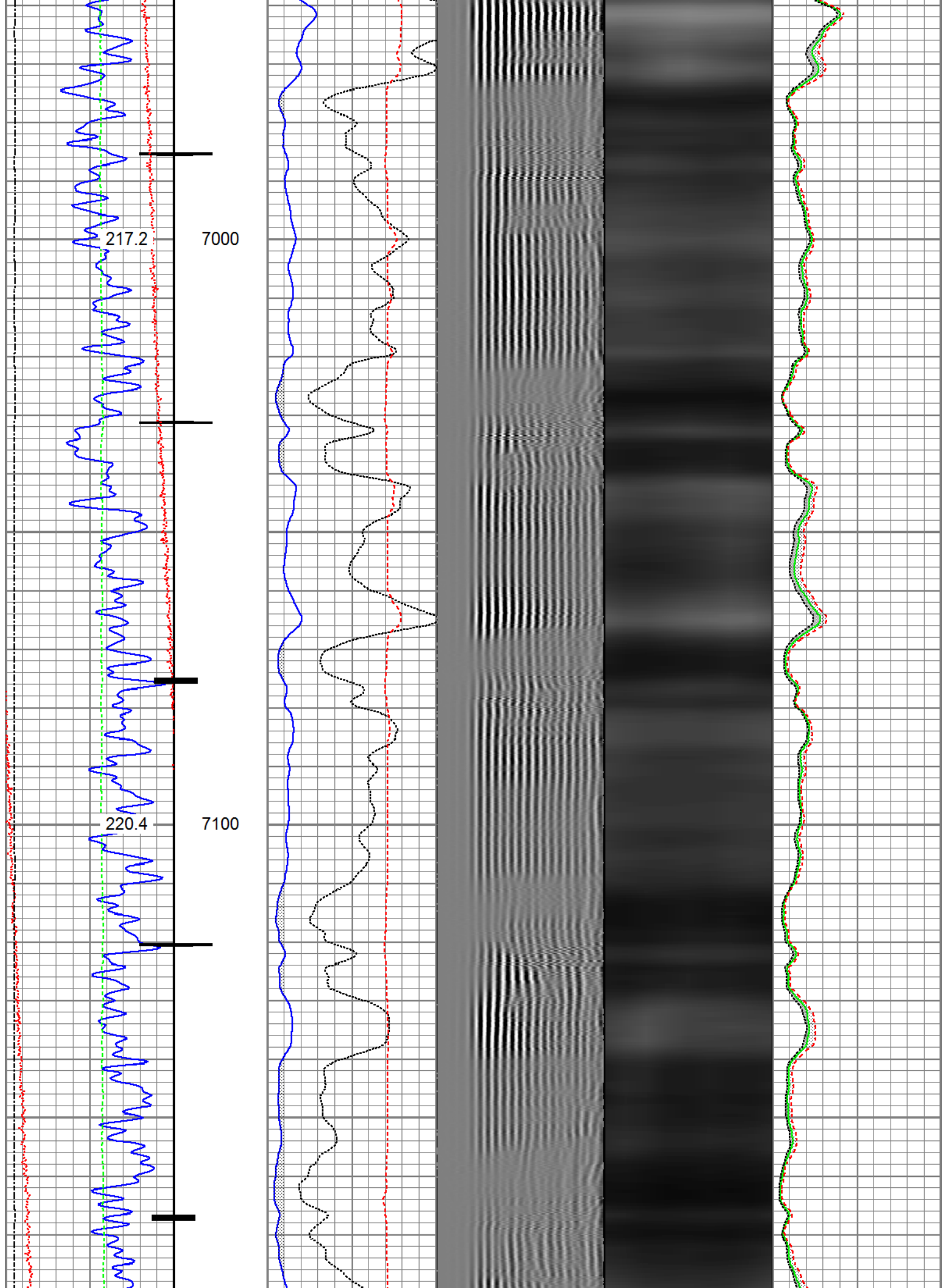


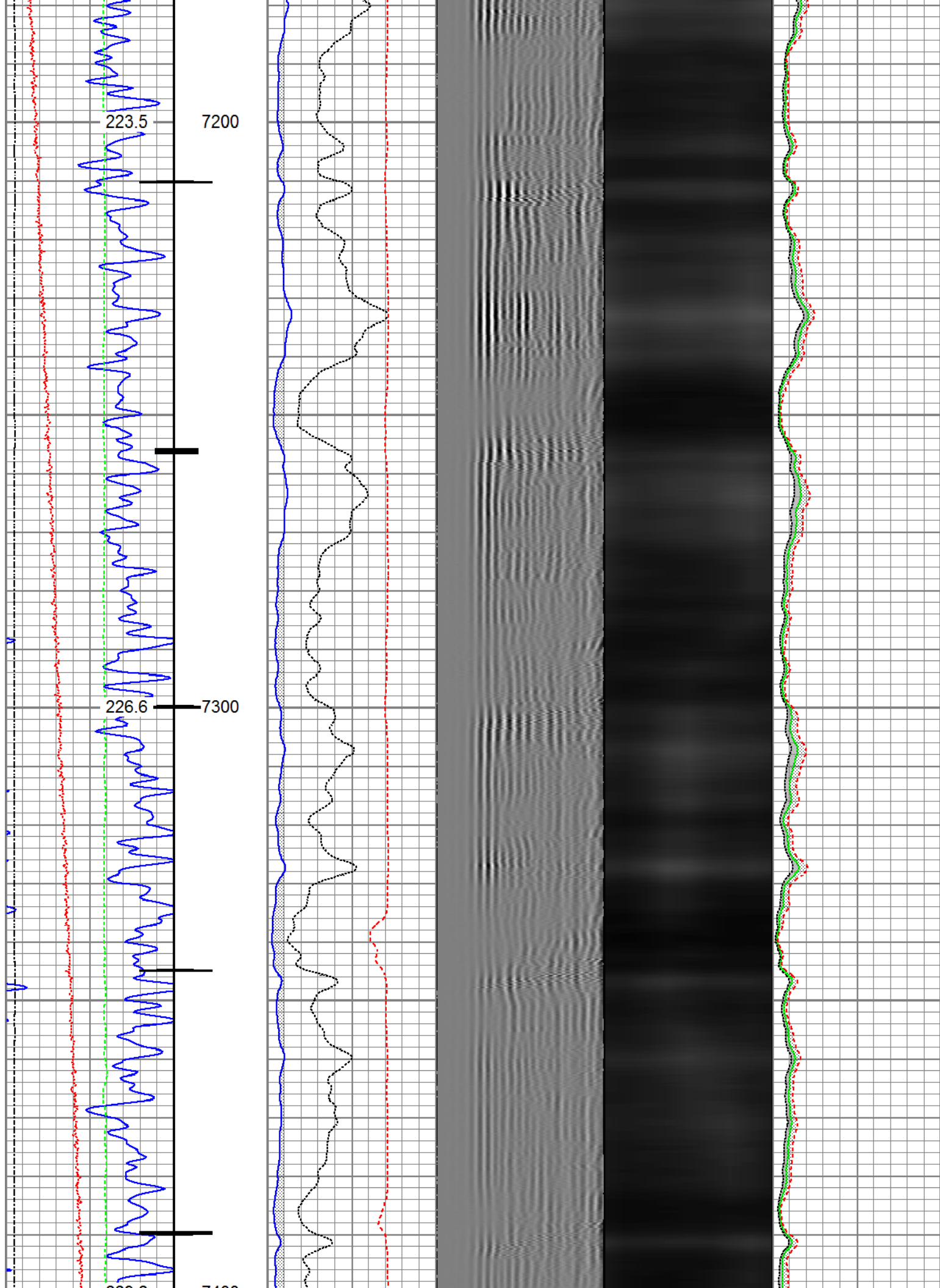


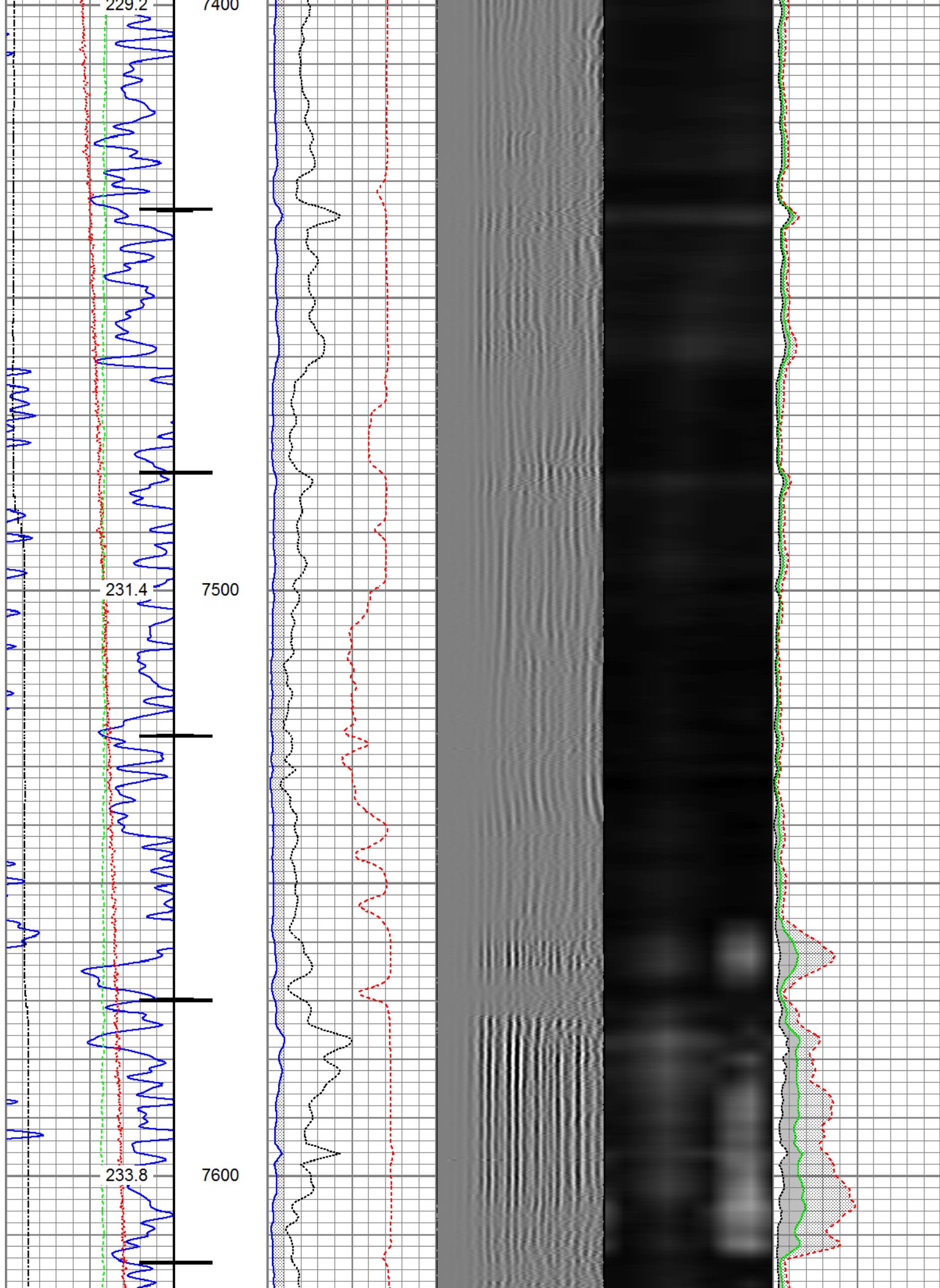


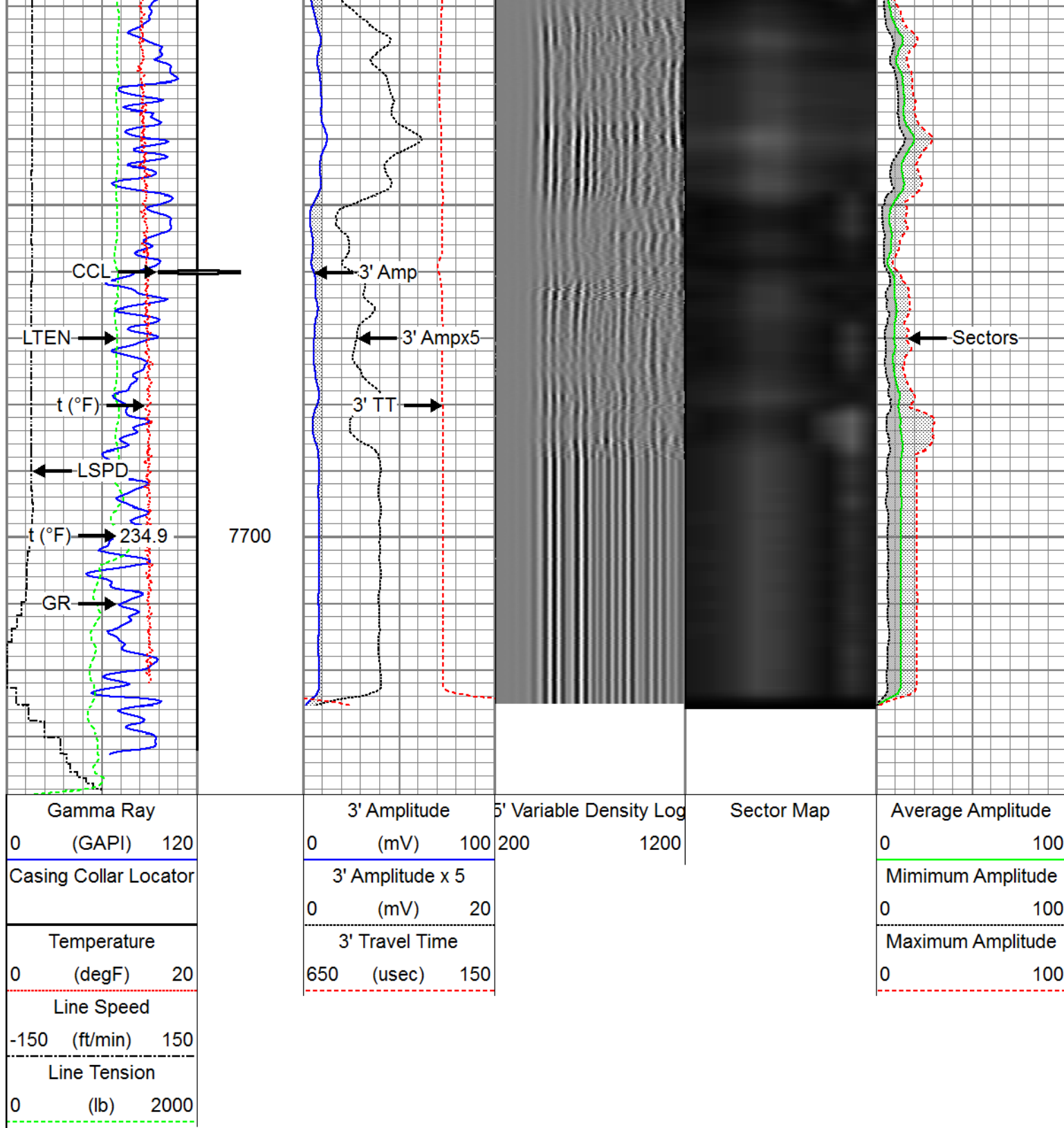








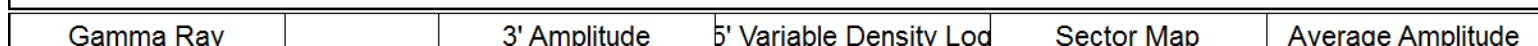




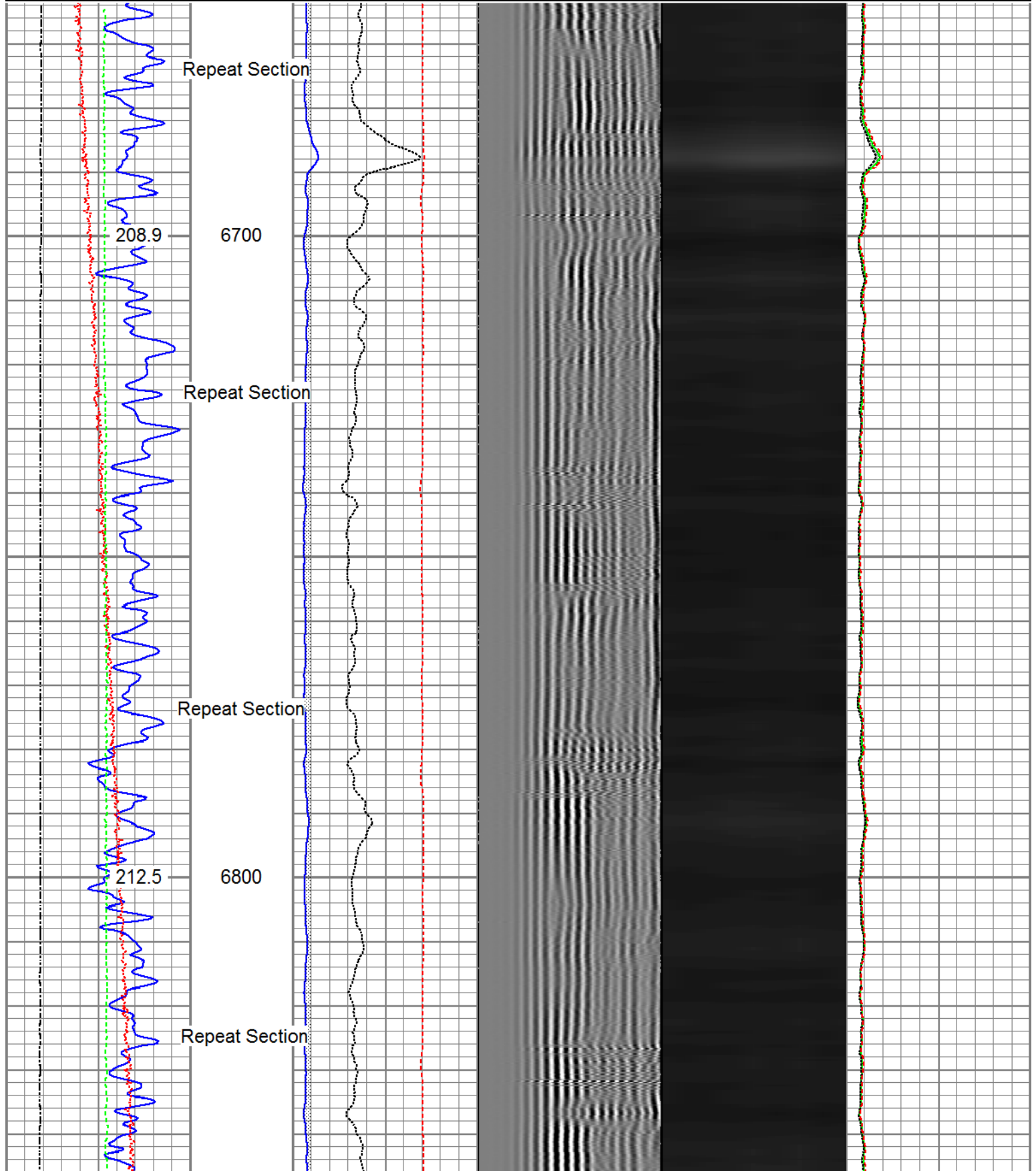
Repeat Pass

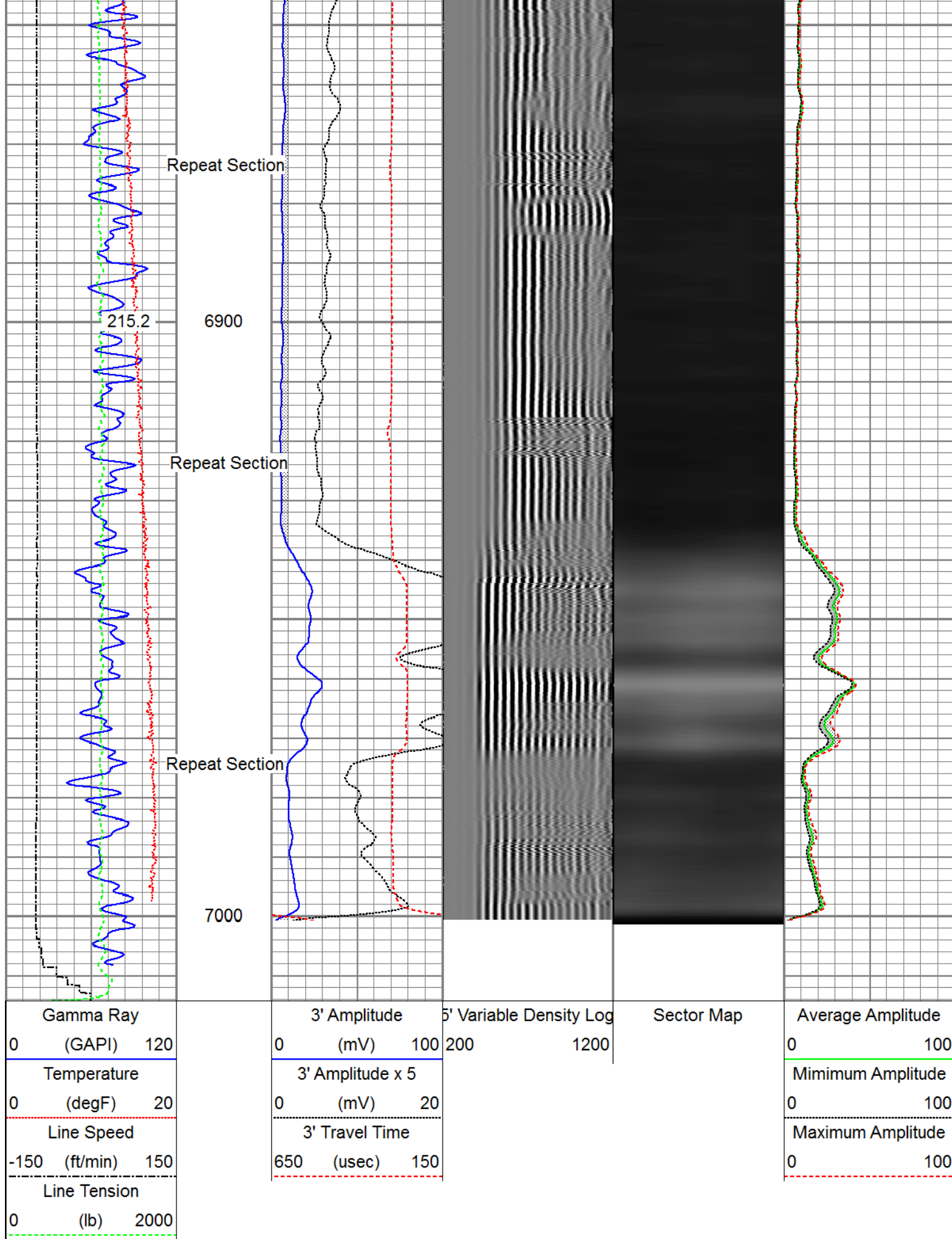
Recorded with 2800 PSI Surface Induced Pressure

Database File	anadarko land fed 34n-32hz rcbl _16 aug.-2016_w8\processed_0512342396_anadarko_land fed 34r
Dataset Pathname	repeat.1
Presentation Format	ros_radri
Dataset Creation	Thu Aug 18 14:36:54 2016
Charted by	Depth in Feet scaled 1:240

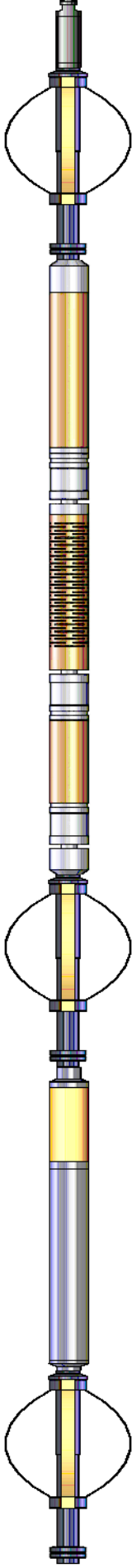
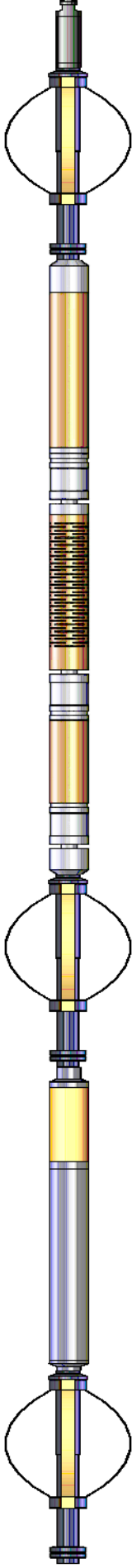
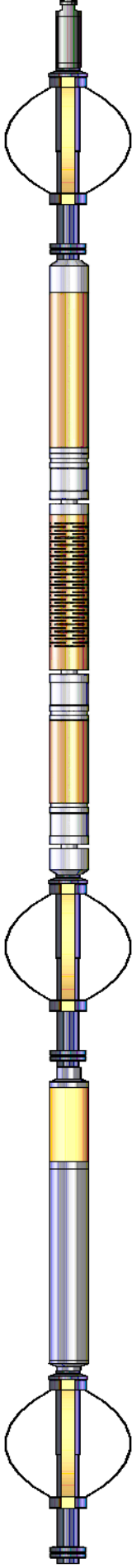


0	(GAPI)	120	0	(mV)	100	200	1200	0	100	
Temperature			3' Amplitude x 5			Mimimum Amplitude				
0	(degF)	20	0	(mV)	20	0				100
Line Speed			3' Travel Time			Maximum Amplitude				
-150	(ft/min)	150	650	(usec)	150	0				100
Line Tension										
0	(lb)	2000								





Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
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Temp	16.72		Titan_Electric_Cable_Heads-Titan_1-11/16" 1.03 Electric Cable Head with 1" Fishing Neck	1.69	5.40
			Probe_ELine_BowSpring_Centralizer-P_EB\$2.8875 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.75	20.00
			Probe_RADII-C-P_RBT_2750 (FW1305-09\$9.19 Probe 2-3/4" Sector Cement Bond Tool with Temperature Probe	2.75	105.00
WVFS8	14.55		Probe_ELine_BowSpring_Centralizer-P_EB\$2.8875 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.75	20.00
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				
DCCL	6.51		Probe_ELine_BowSpring_Centralizer-P_EB\$2.8875 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.75	20.00
CCL	6.51				
			Probe_GR_CCL-P_CGR_2750_S (FW1211\$4.54) Probe 2-3/4" Digital CCL / Gamma Ray Combined	2.75	55.00
GR	3.77	Probe_ELine_BowSpring_Centralizer-P_EB\$2.8875 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.75	20.00	
Dataset: processed_0512342396_anadarko_land fed 34n-32hz_08-16-16_rbl_w8.db: field/well/run1/main1.1					
Total length: 23.40 ft					
Total weight: 225.40 lb					
O.D.: 2.75 in					

Calibration Report

Database File c:\programdata\warrior\data\anadarko land fed 34n-32hz rcbl _16 aug.-2016_w8\processed_05123423
 Dataset Pathname main1.1
 Dataset Creation Tue Aug 16 13:28:28 2016

Gamma Ray Calibration Report

Serial Number: FW1211-081
 Tool Model: P_CGR_2750_S
 Performed: Sat Feb 06 11:31:52 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: FW1305-098
 Tool Model: P_RBT_2750

Calibration Casing Diameter: 5.500 in
 Calibration Depth: 84.069 ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.001	0.597	0.800	71.921	119.315	0.651
CAL	0.738	0.719				
5'	0.000	0.515	0.800	71.921	138.243	0.766
SUM						
S1	0.001	0.641	0.000	100.000	156.373	-0.168
S2	0.001	0.673	0.000	100.000	148.984	-0.219
S3	0.002	0.650	0.000	100.000	154.323	-0.273
S4	0.003	0.610	0.000	100.000	164.599	-0.447
S5	0.002	0.590	0.000	100.000	170.254	-0.369
S6	0.001	0.578	0.000	100.000	173.372	-0.238
S7	0.001	0.576	0.000	100.000	173.725	-0.130
S8	0.002	0.590	0.000	100.000	169.994	-0.263

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.738	0.719	1.000	0.000

Air Zero Calibration, performed Tue Aug 16 09:28:45 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	

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



Company	Kerr-McGee Oil & Gas Onshore, L.P.
Well	Land Fed 34N-32HZ
Field	Wattenberg
County	Weld
State	Colorado