



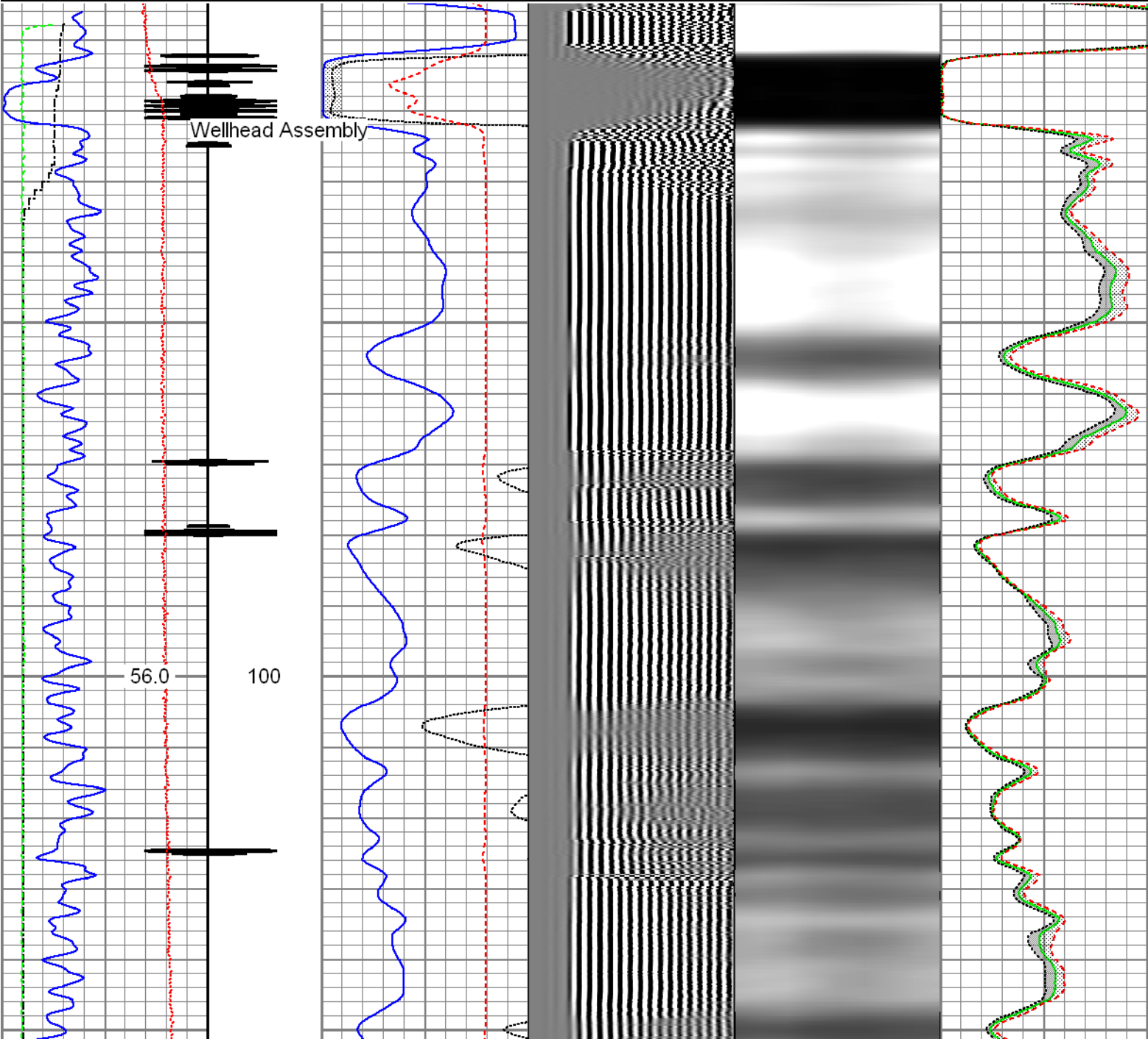
<<< Fold Here >>>
<p>All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.</p>
Comments
<p>Log ran as per customer request  Log correlated to 25 FT Kelly Bushing  Casing Tally Reported Marker Joint Top at 7042 FT  Log recorded Marker Joint Top at 7036 FT  Gauge Ring ran to 7915 FT  Log ran as deep as possible to surface  Log was ran with 2800 PSI surface induced pressure  No debris found on logging tools upon completion of run</p> <p>Thank you for choosing FMC Technologies Completion Services, Inc.!!</p>

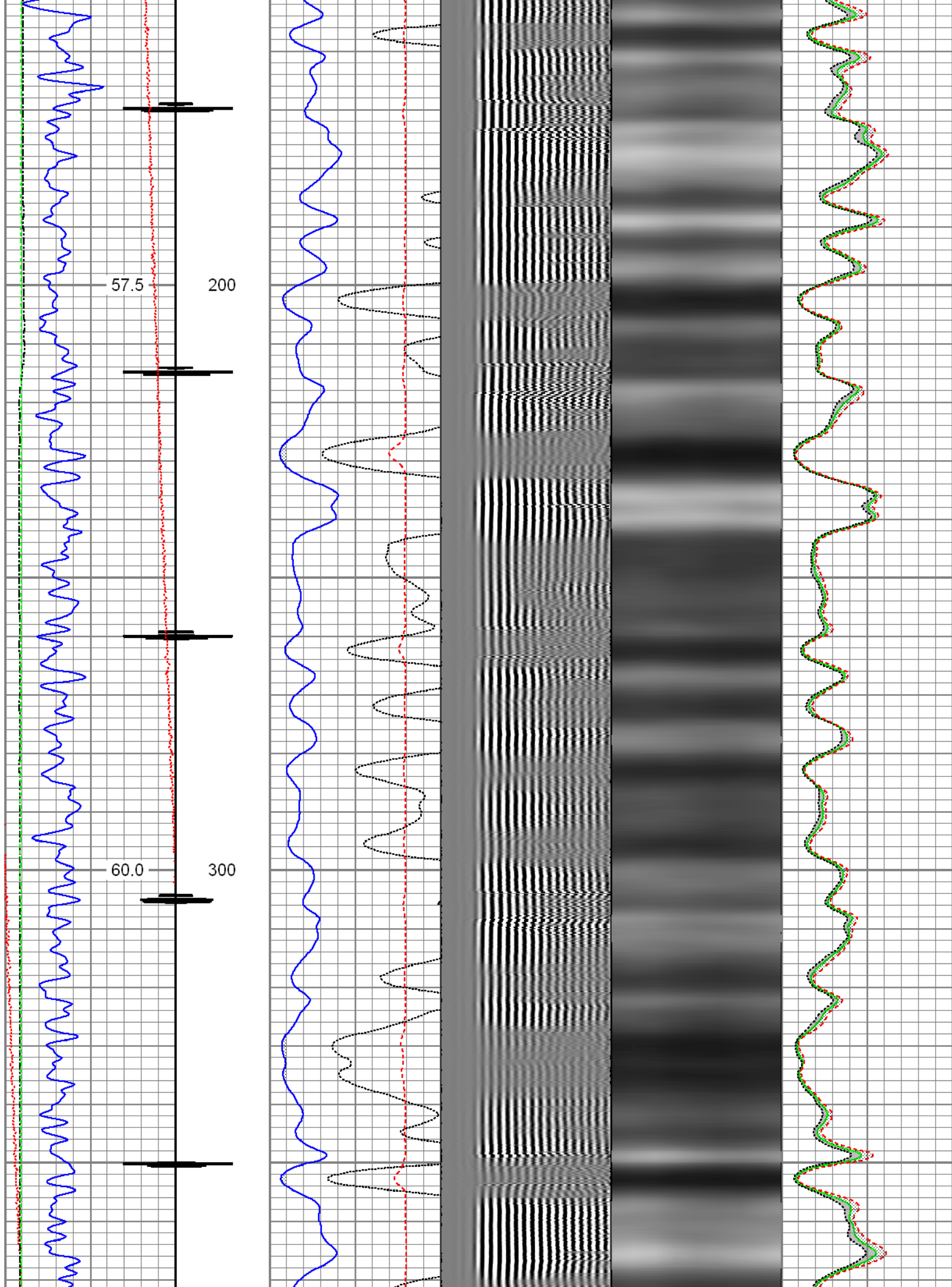


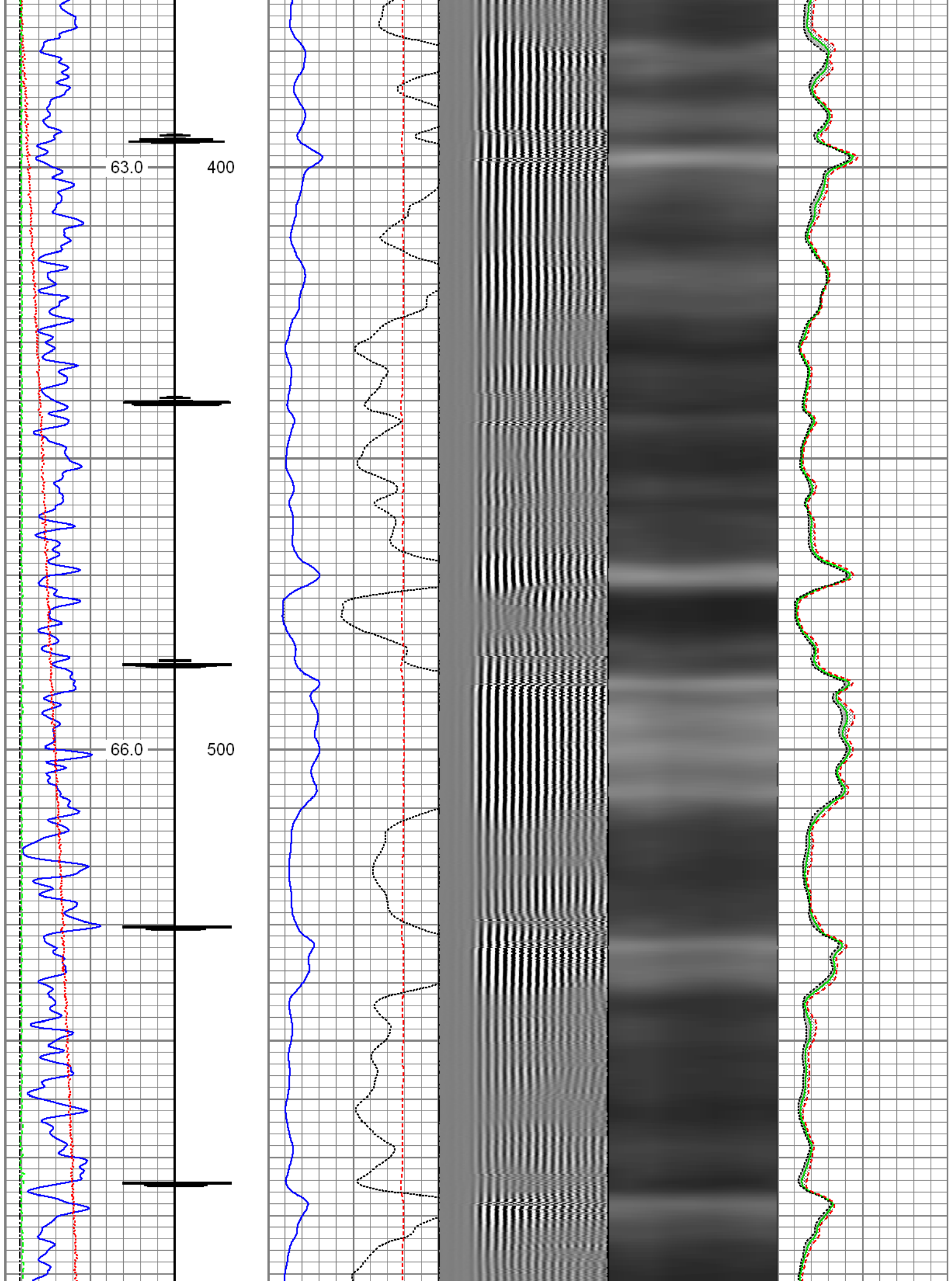
Recorded with 2800 PSI Surface Induced Pressure

Database File: 0512341791\_anadarko\_tedford 30c-28hz\_10-21-15\_rbl.db  
Dataset Pathname: pass4  
Presentation Format: radii  
Dataset Creation: Wed Oct 21 15:59:26 2015 by Log 7.0 B1  
Charted by: Depth in Feet scaled 1:240

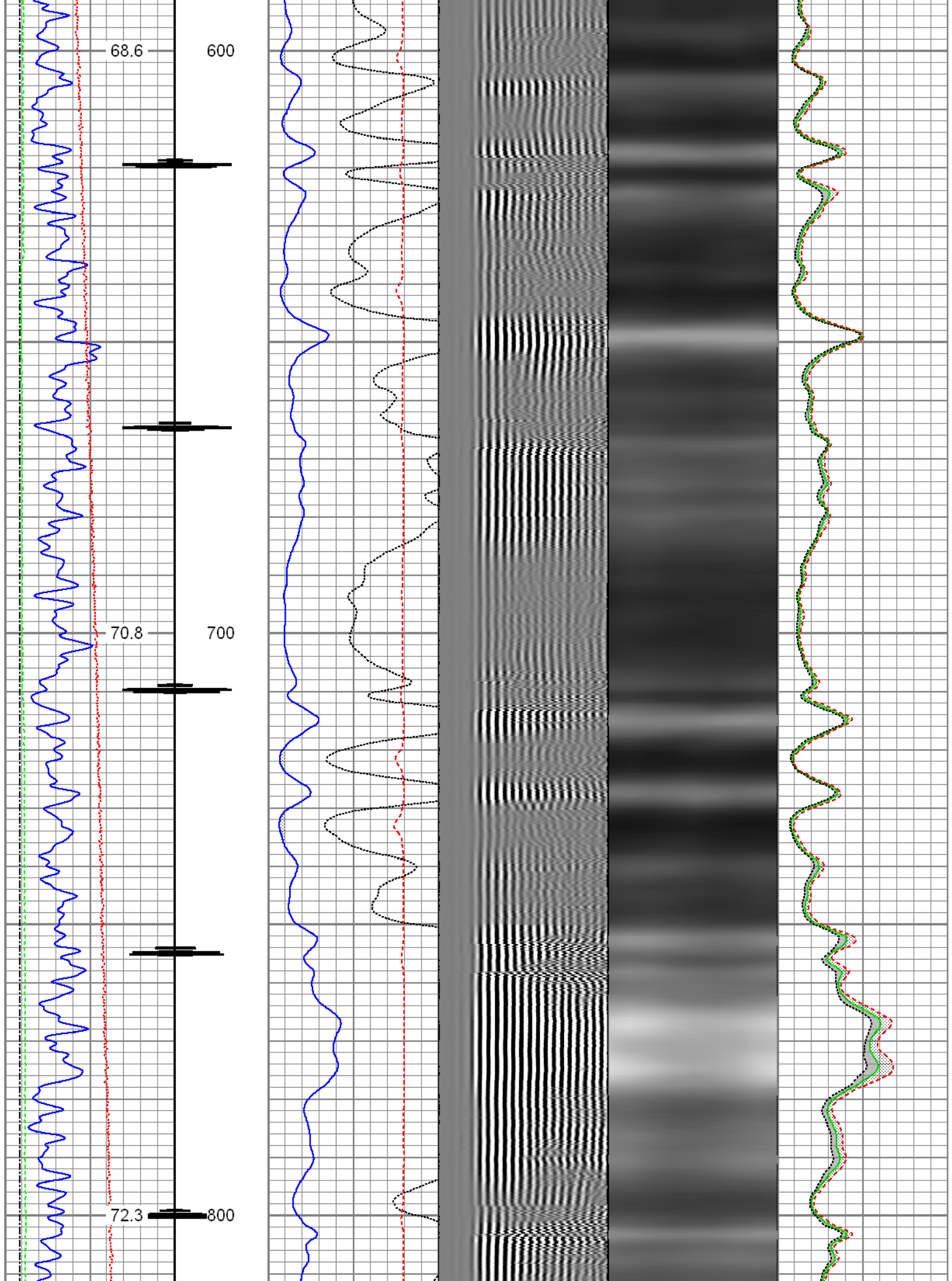
Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 120	0 (mV) 100	200 1200		0 100
Casing Collar Locator	3' Amplitude x 5			Mimimum Amplitude
Temperature	0 (mV) 20			0 100
0 (degF) 20	3' Travel Time			Maximum Amplitude
Line Speed	650 (usec) 150			0 100
-150 (ft/min) 150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

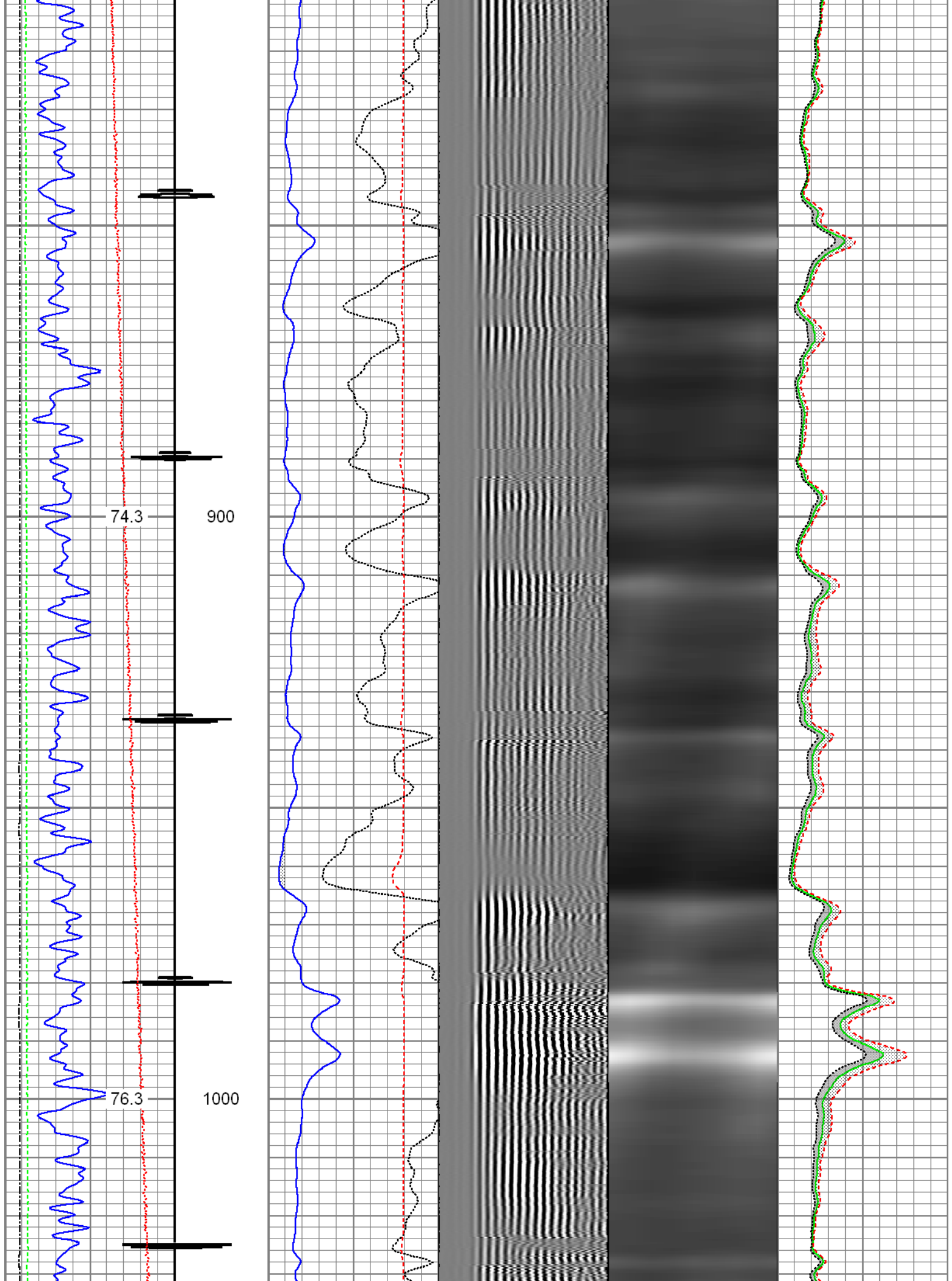


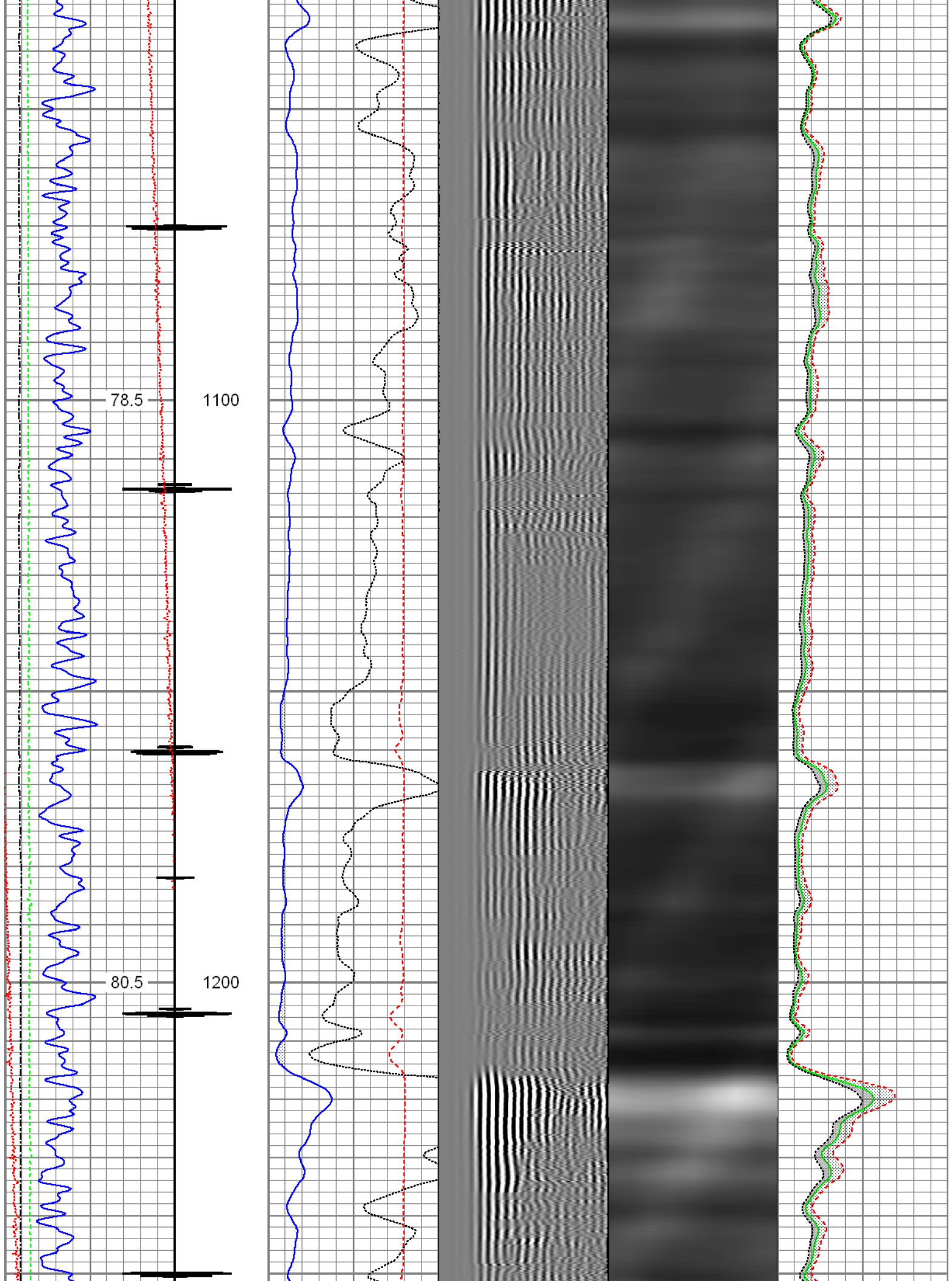




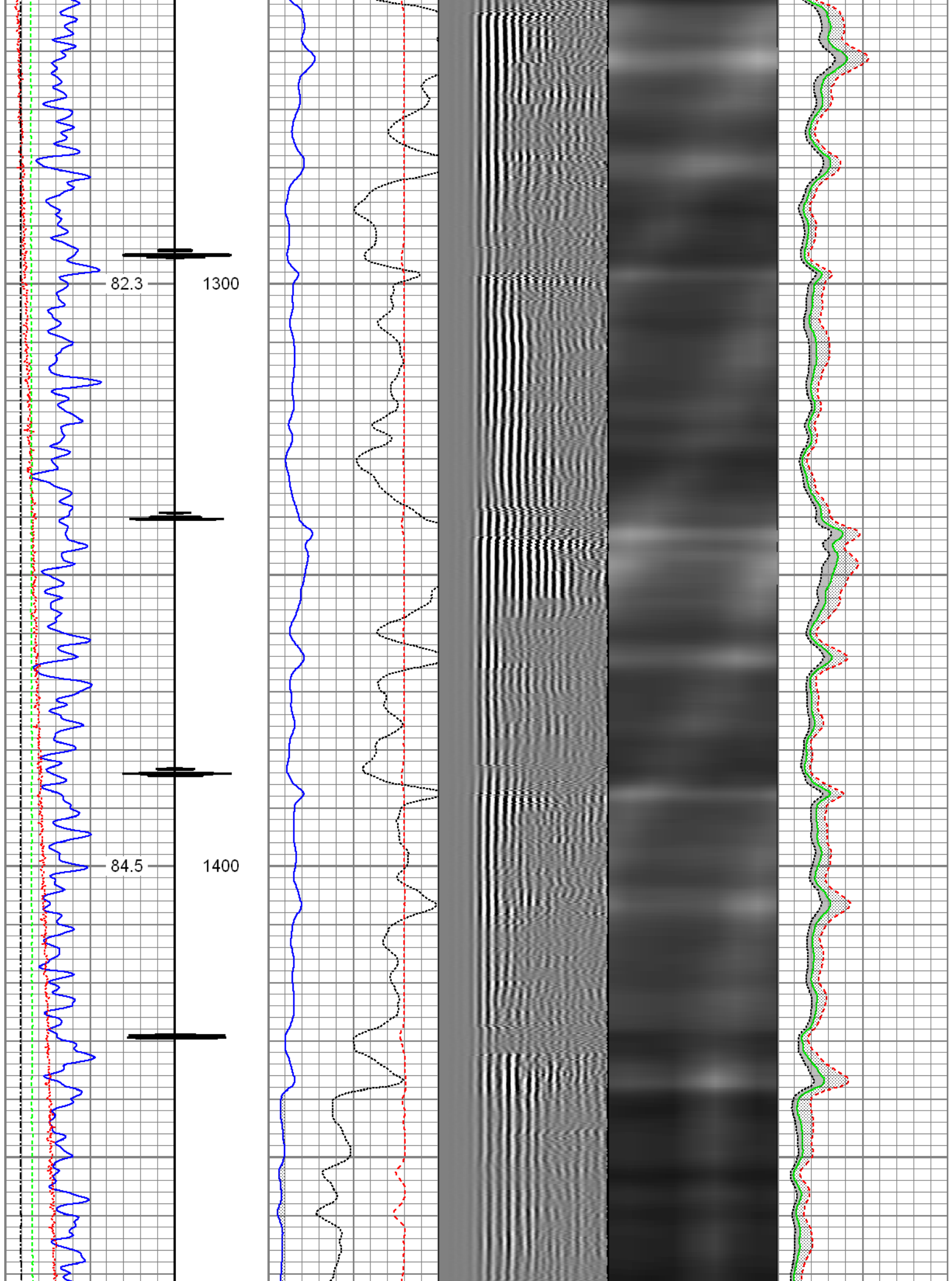




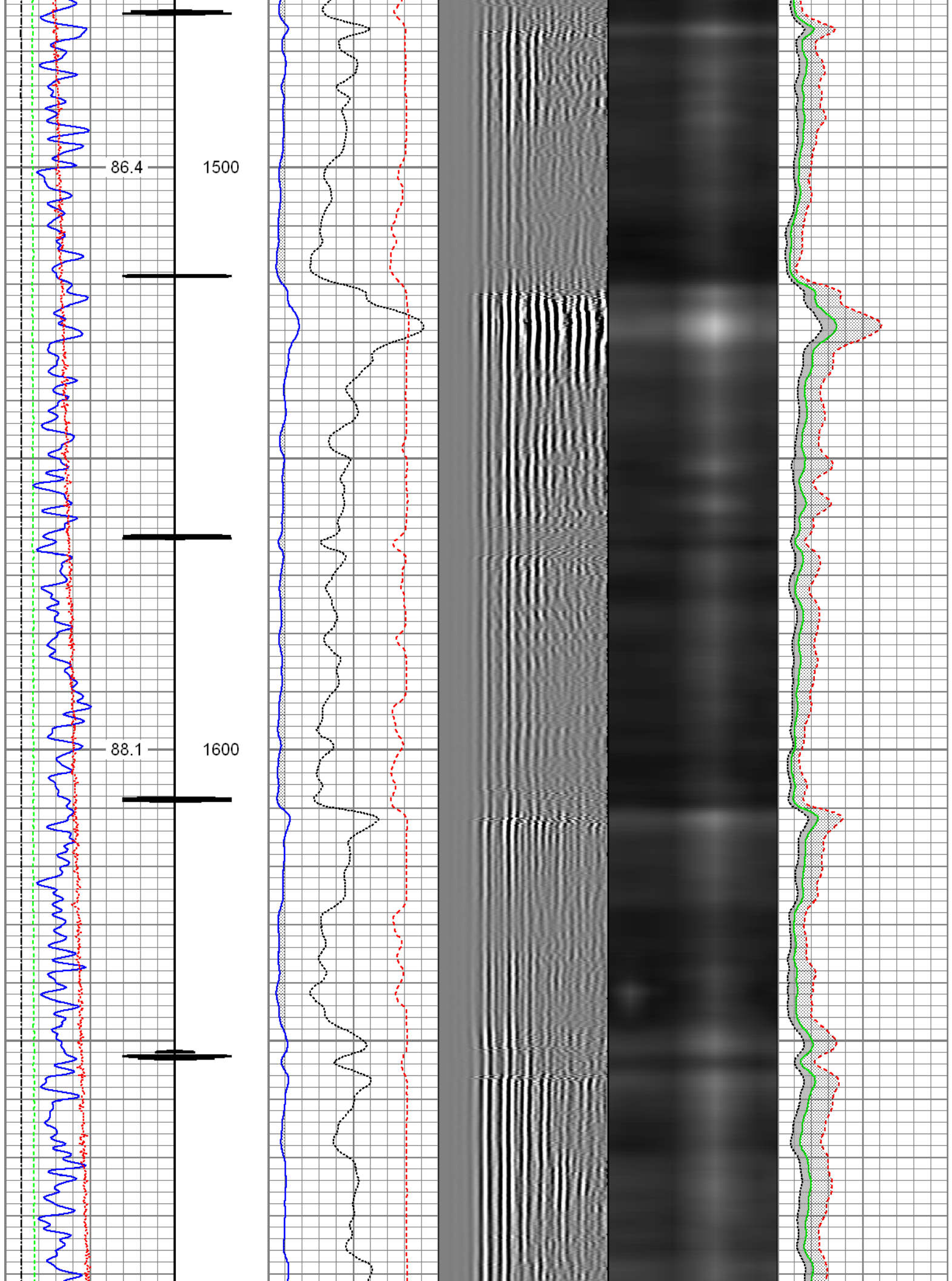


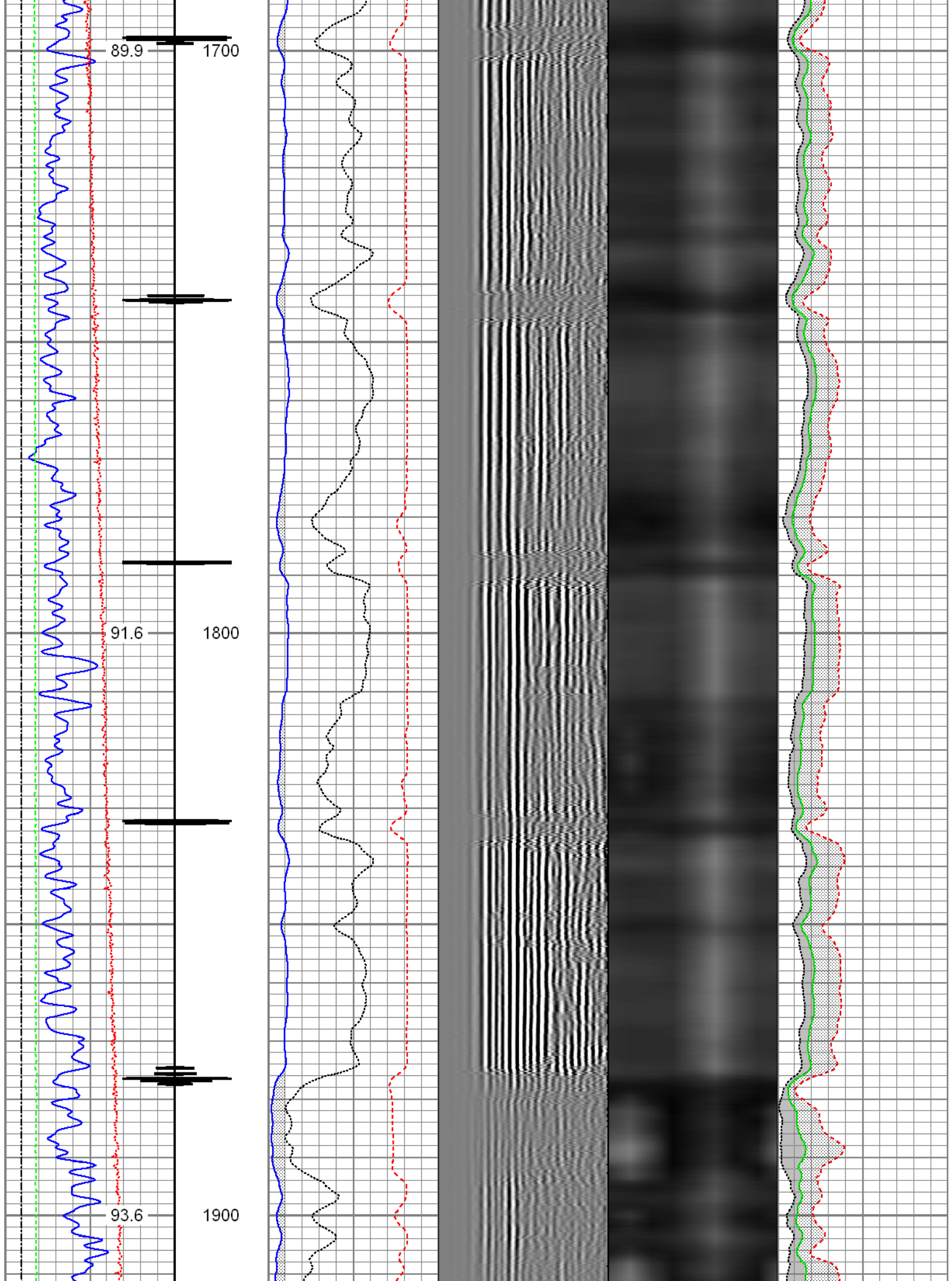


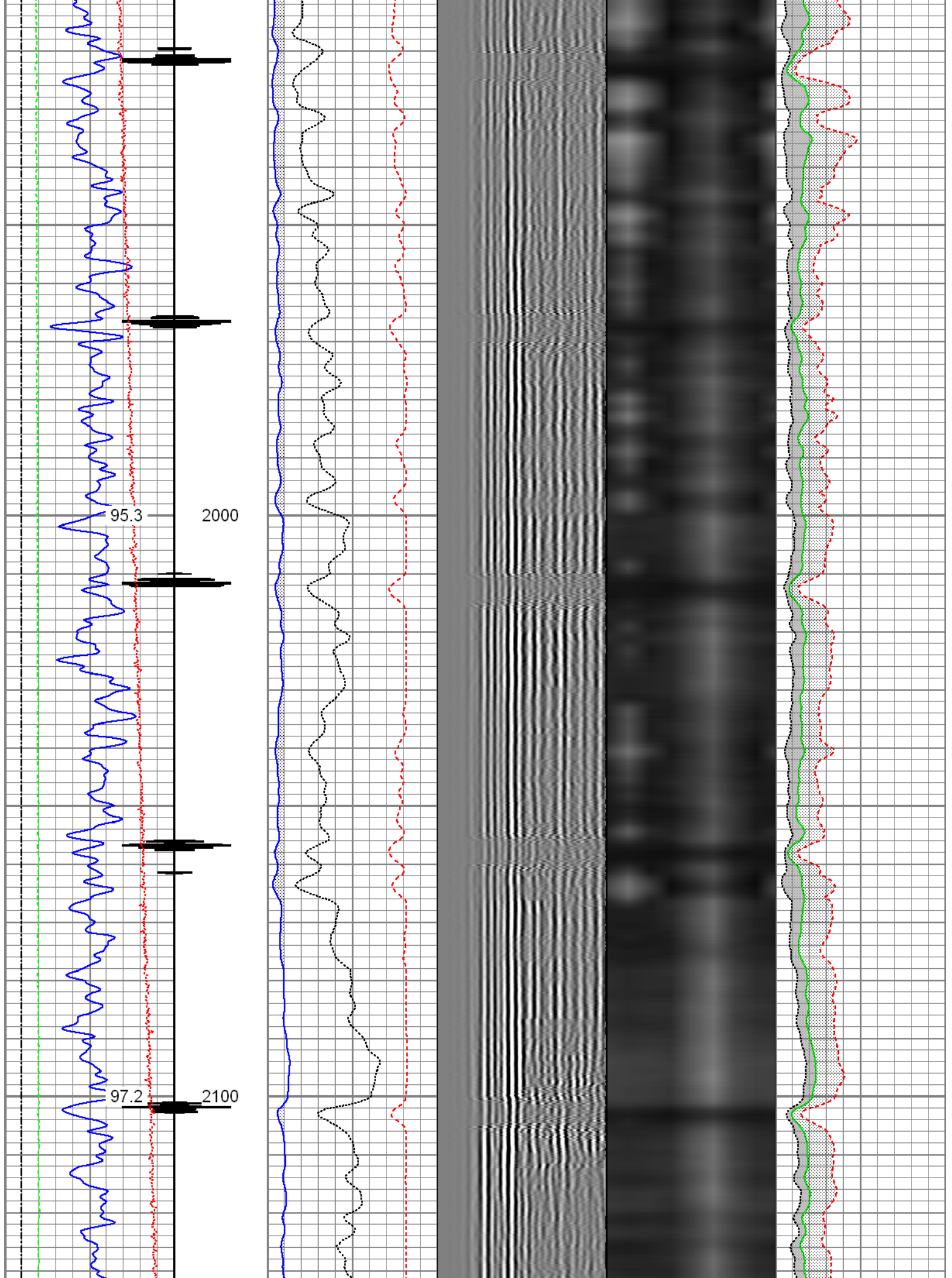




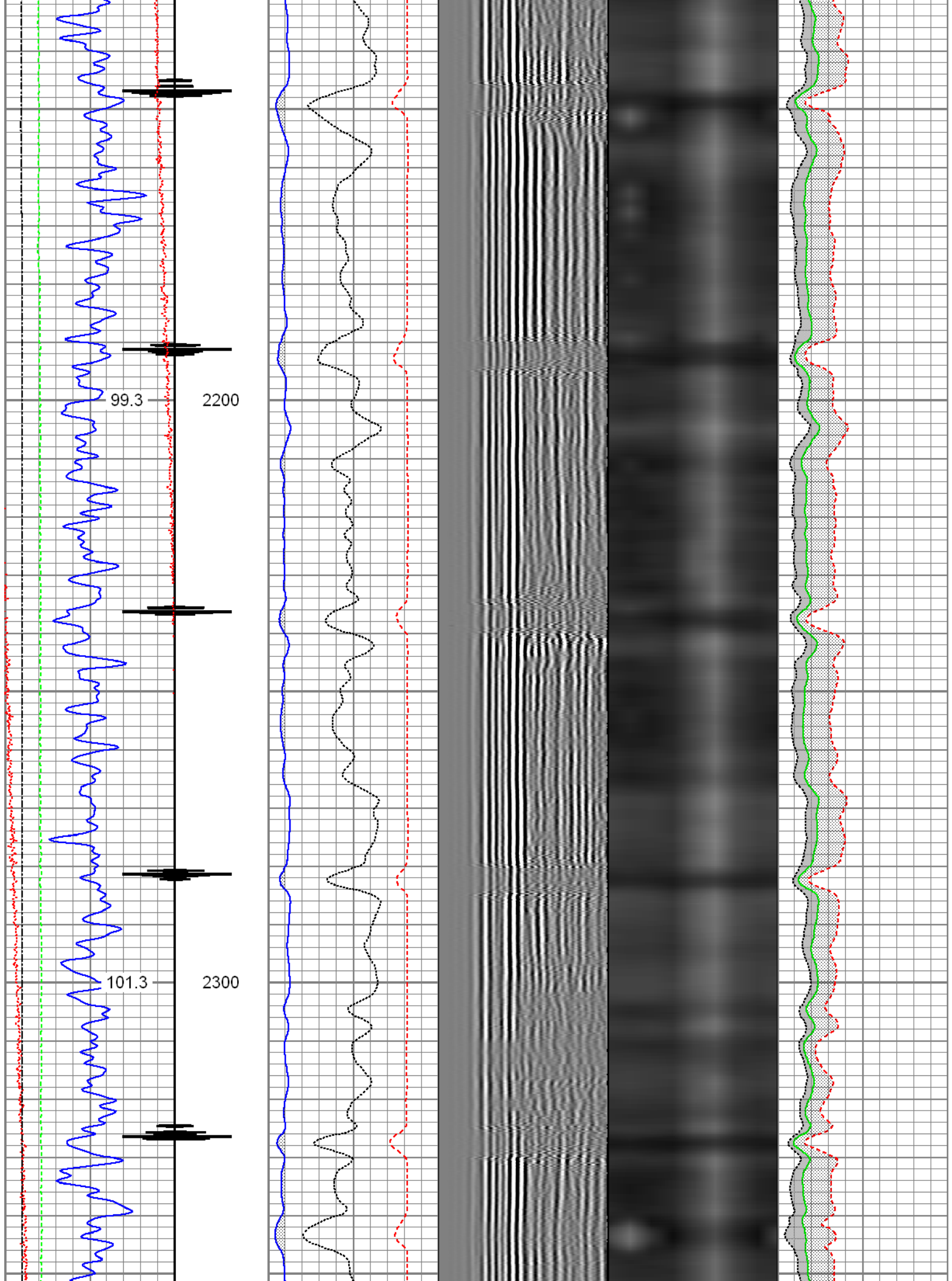




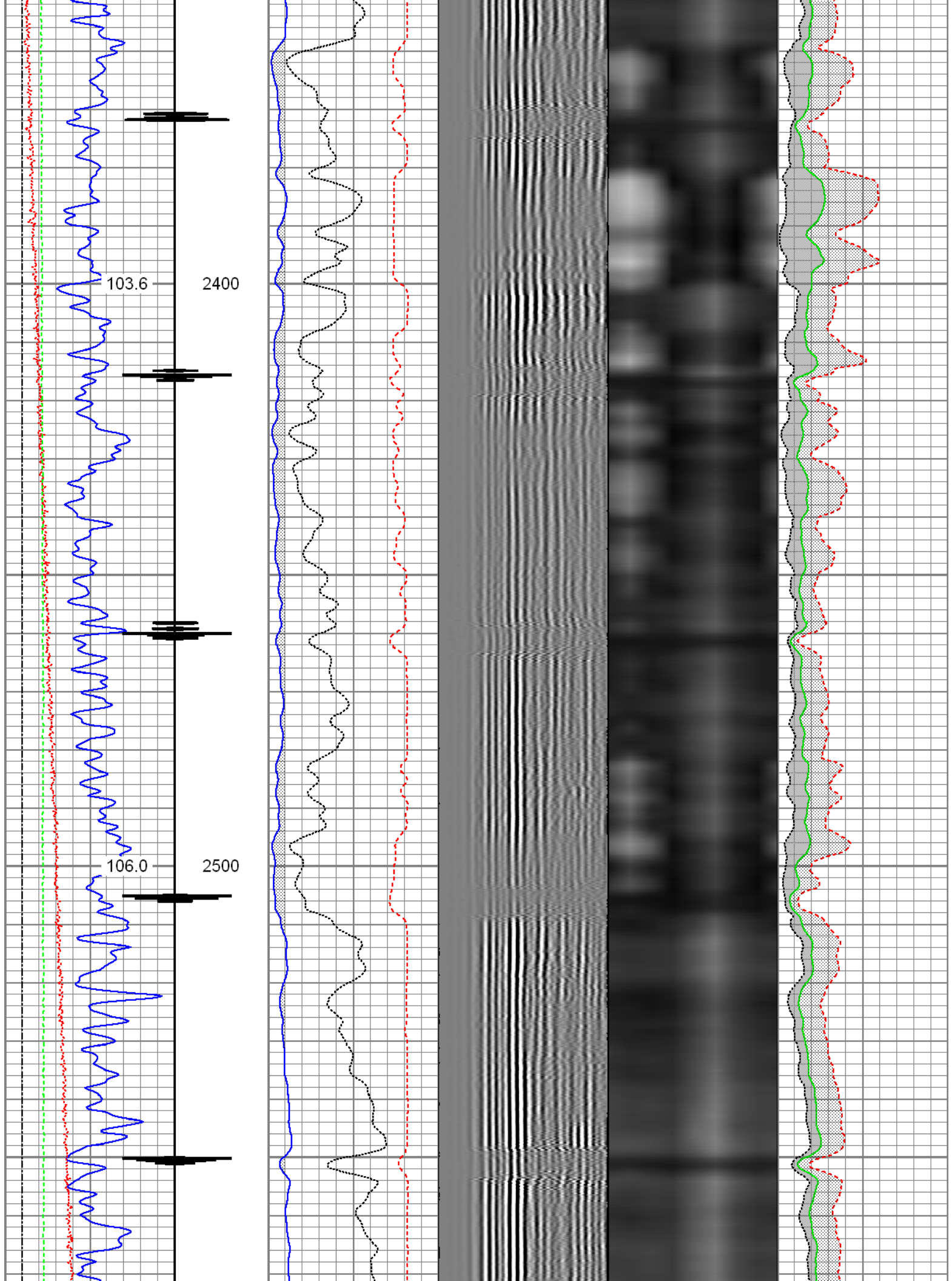


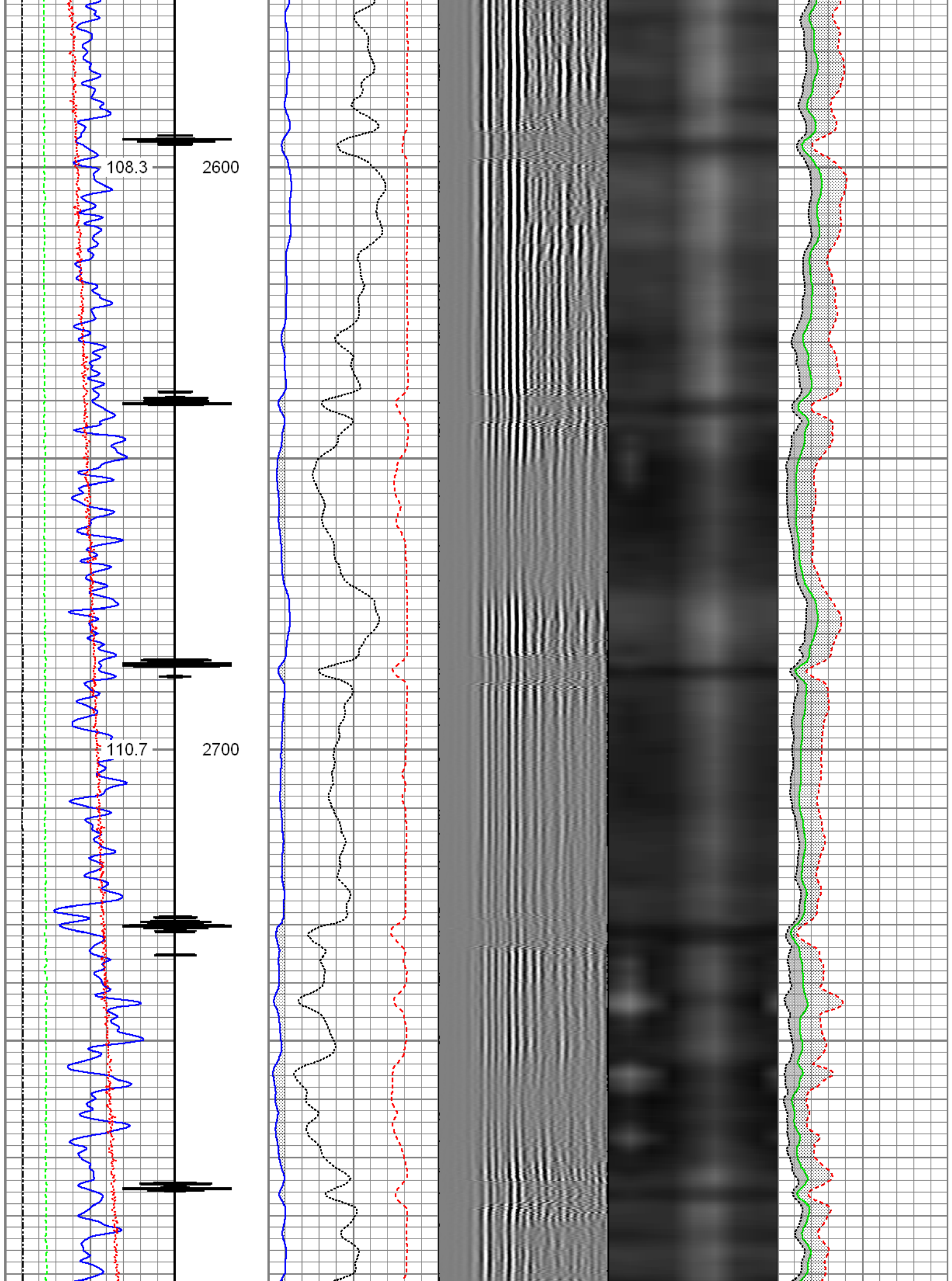


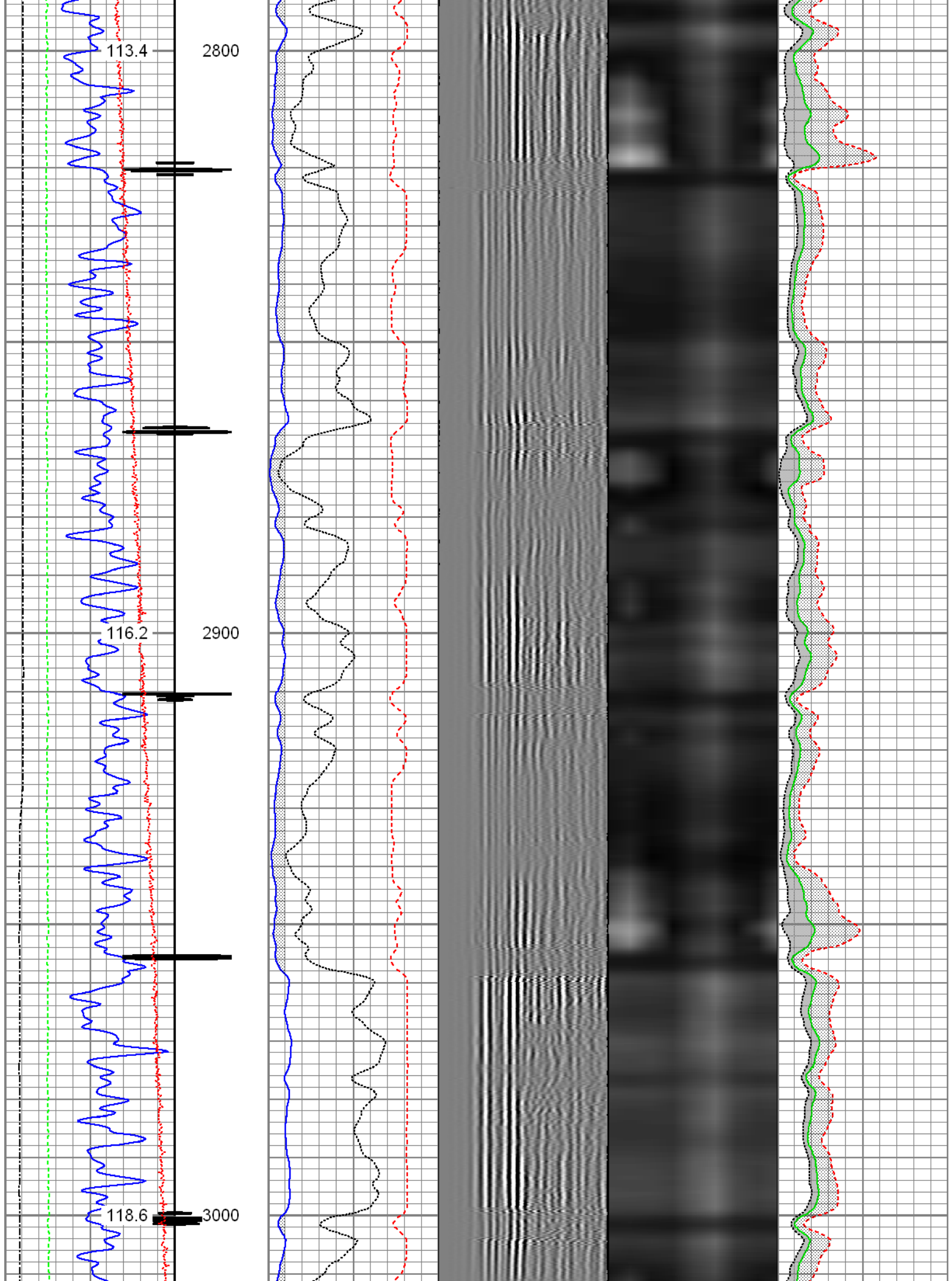




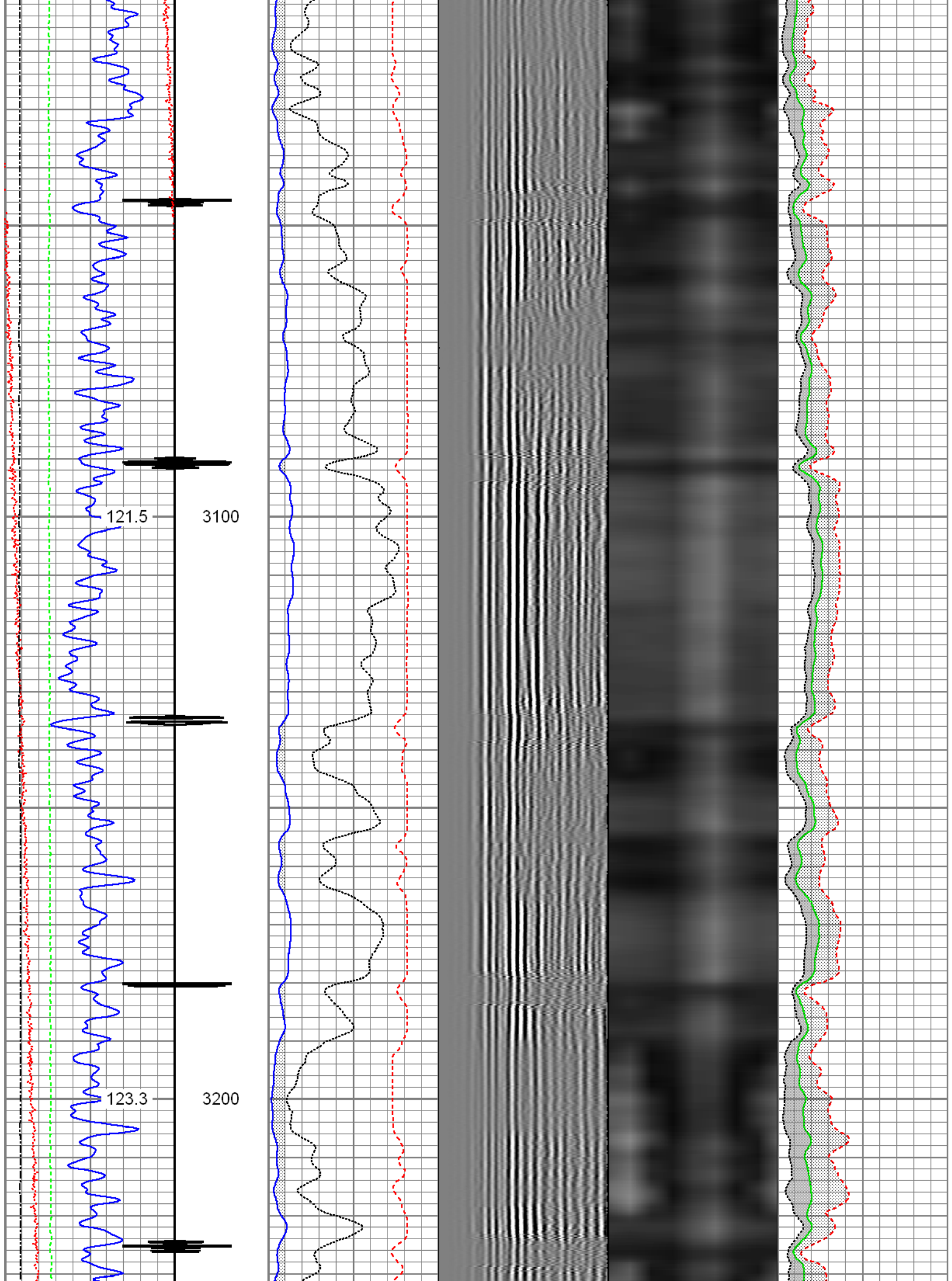




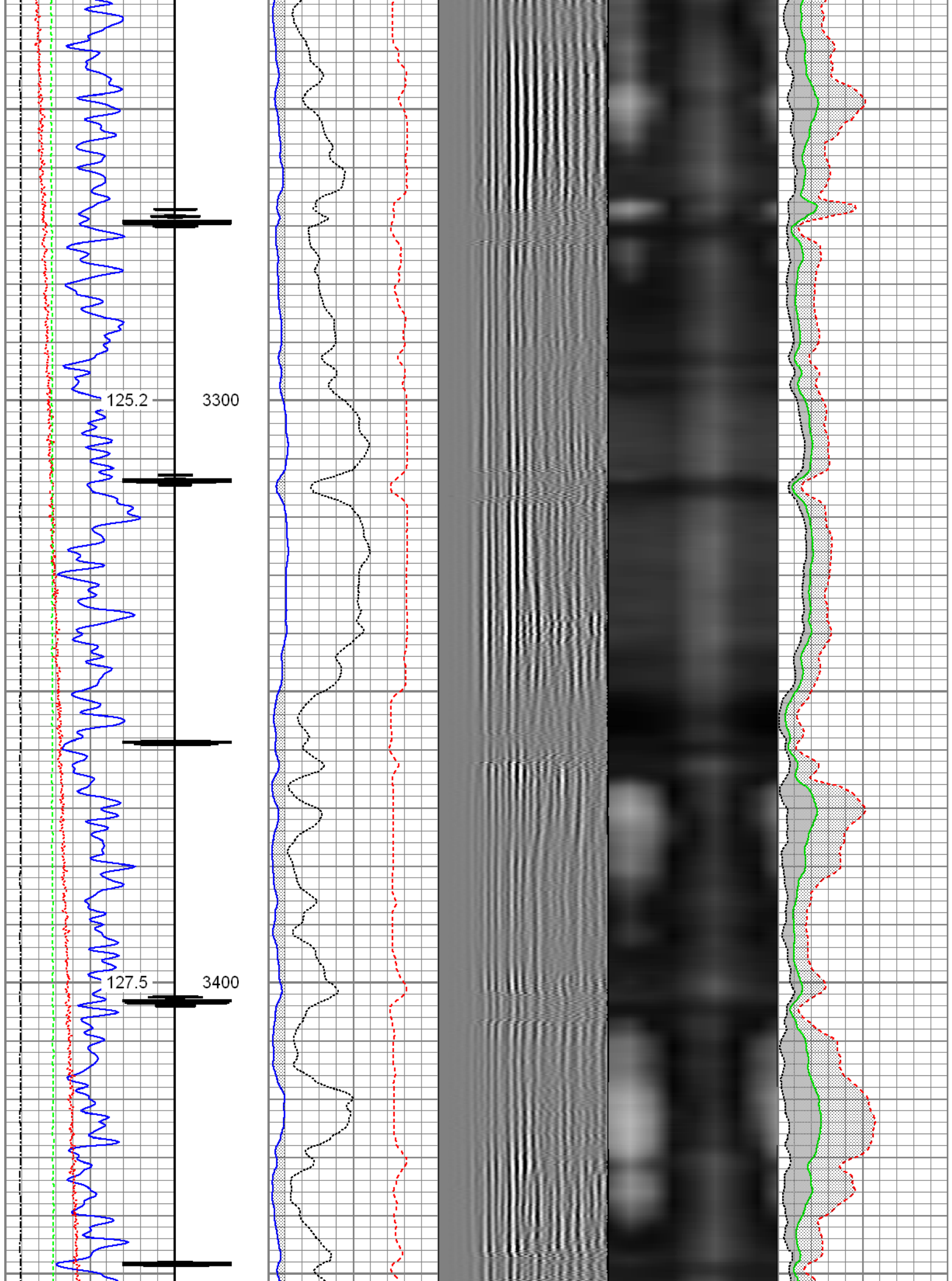


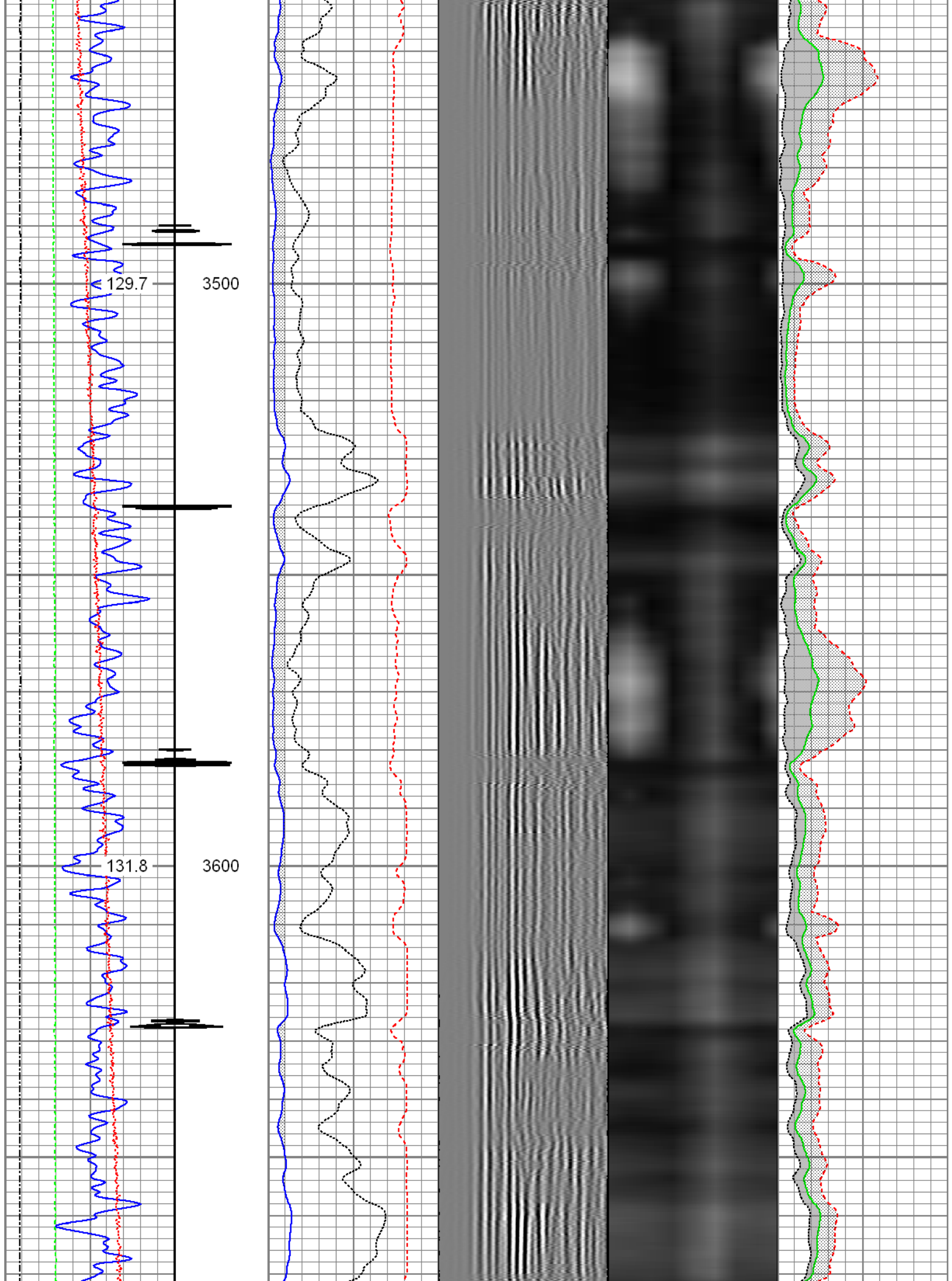


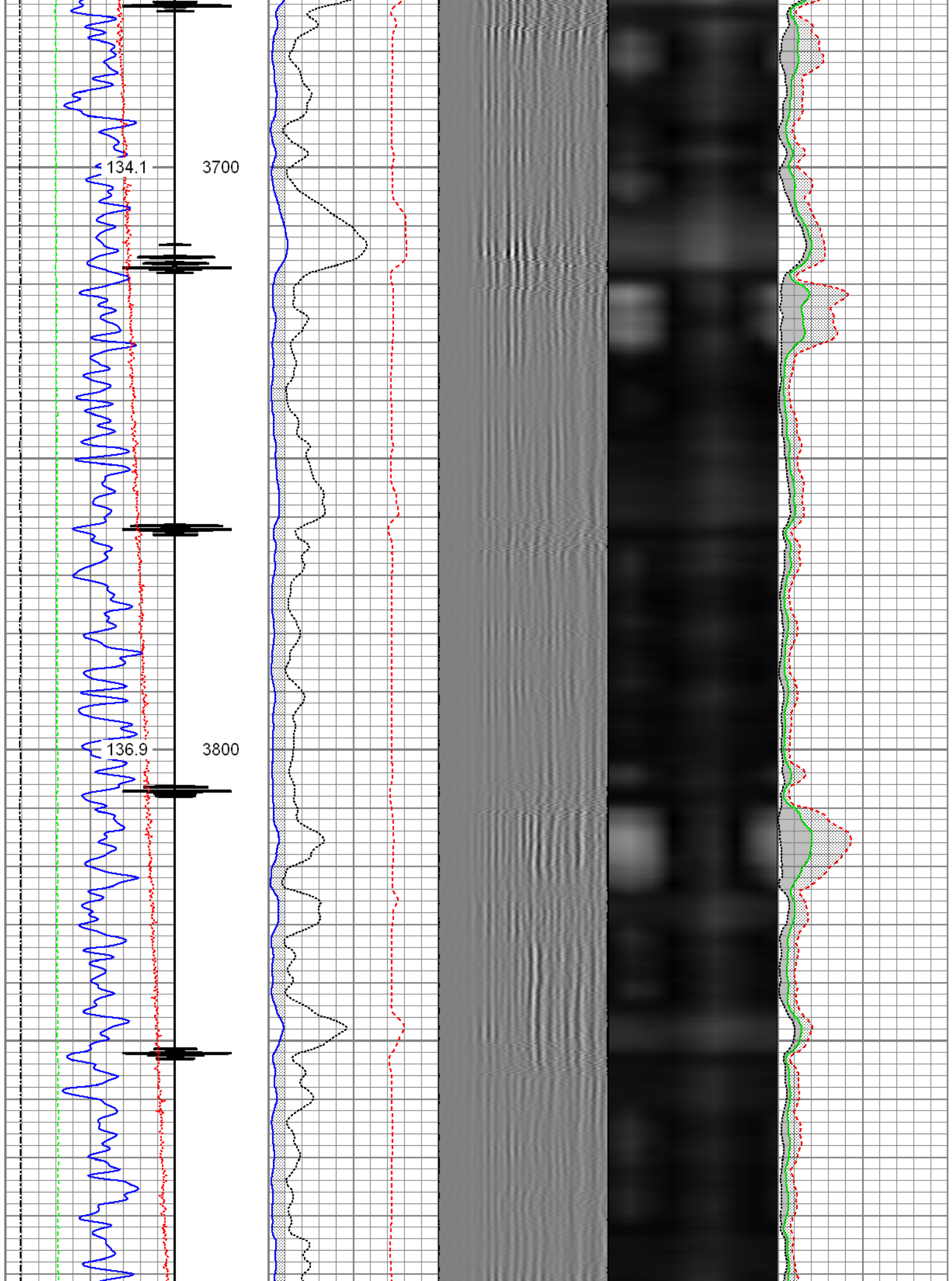




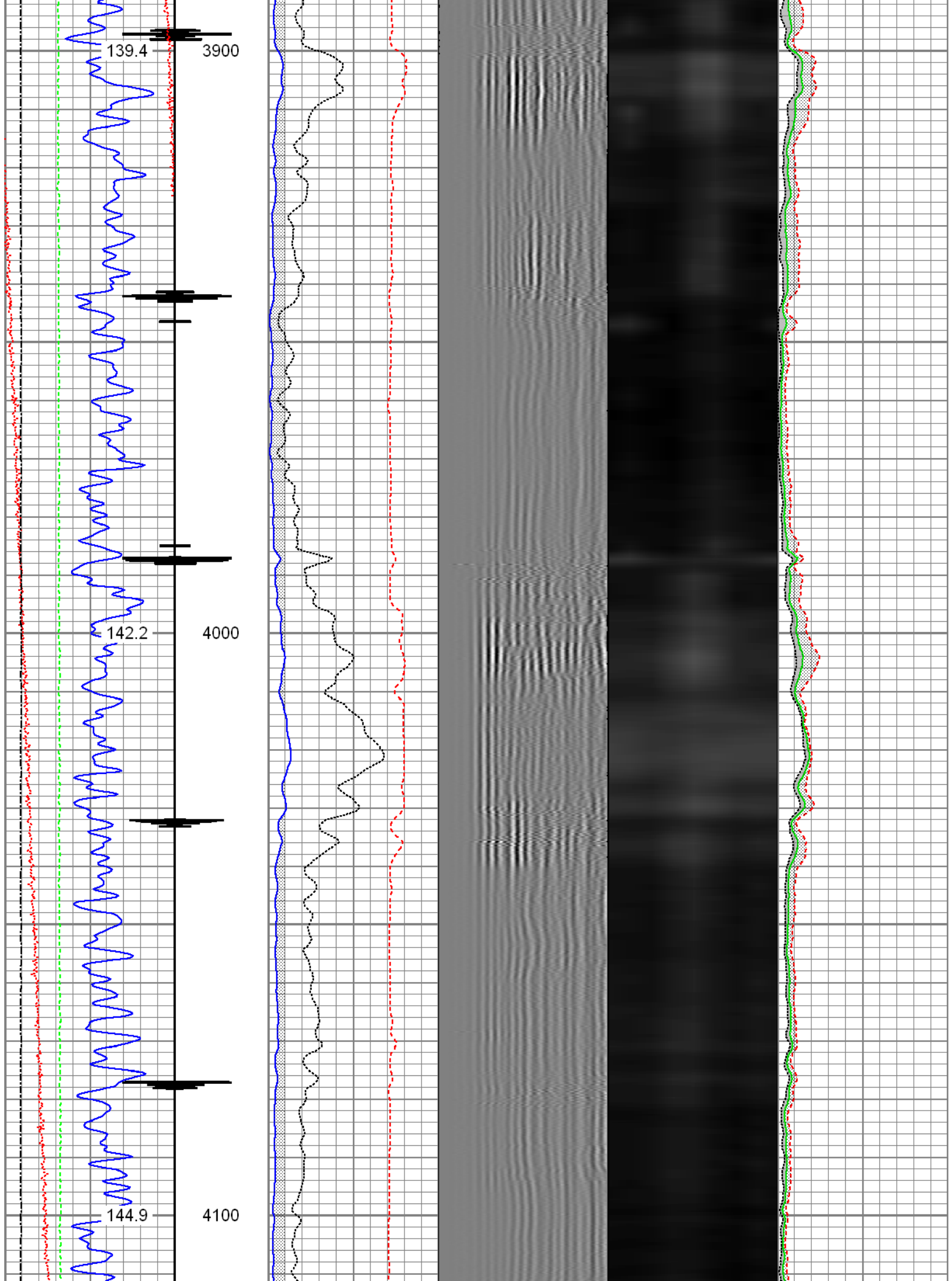




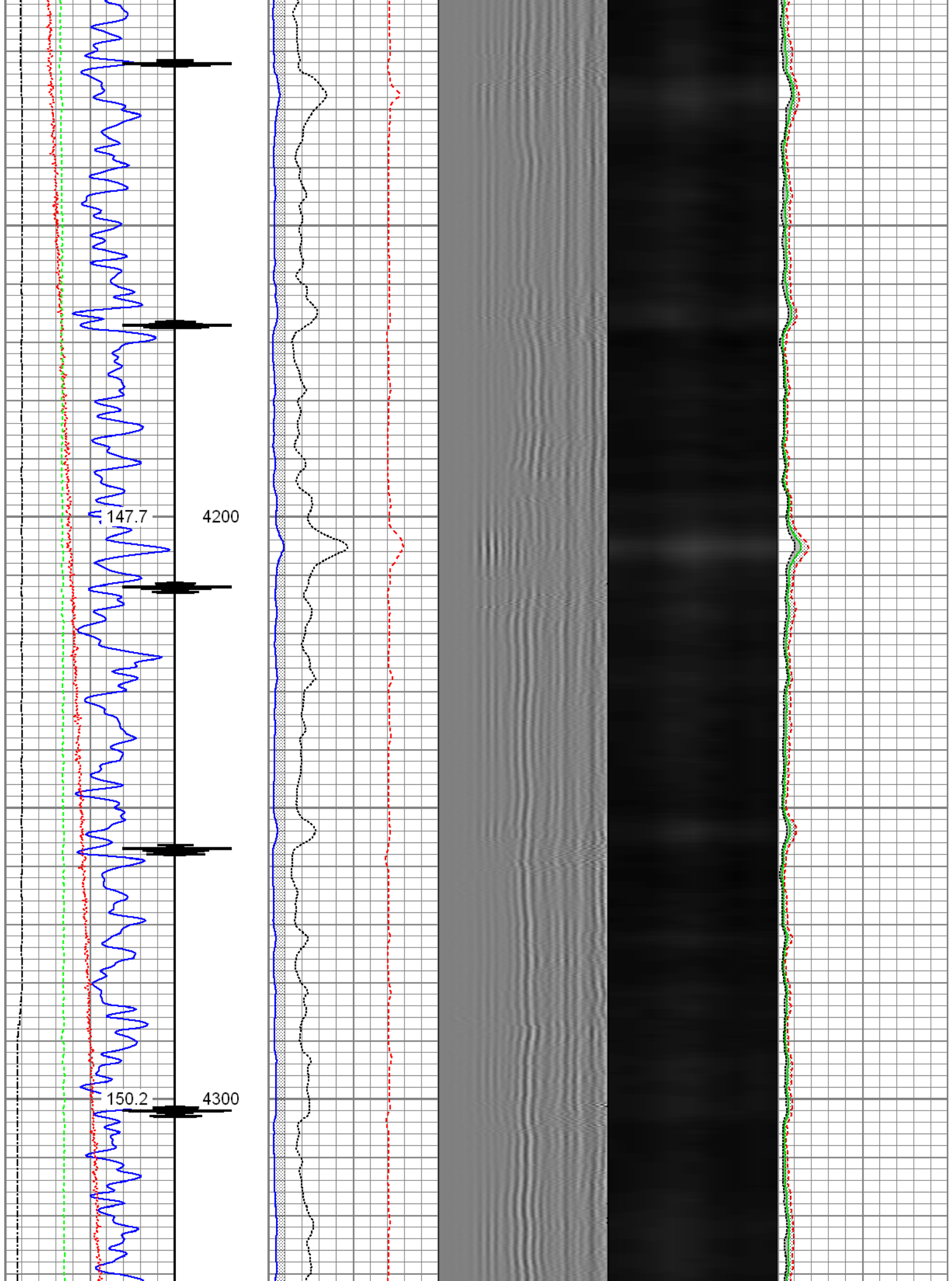


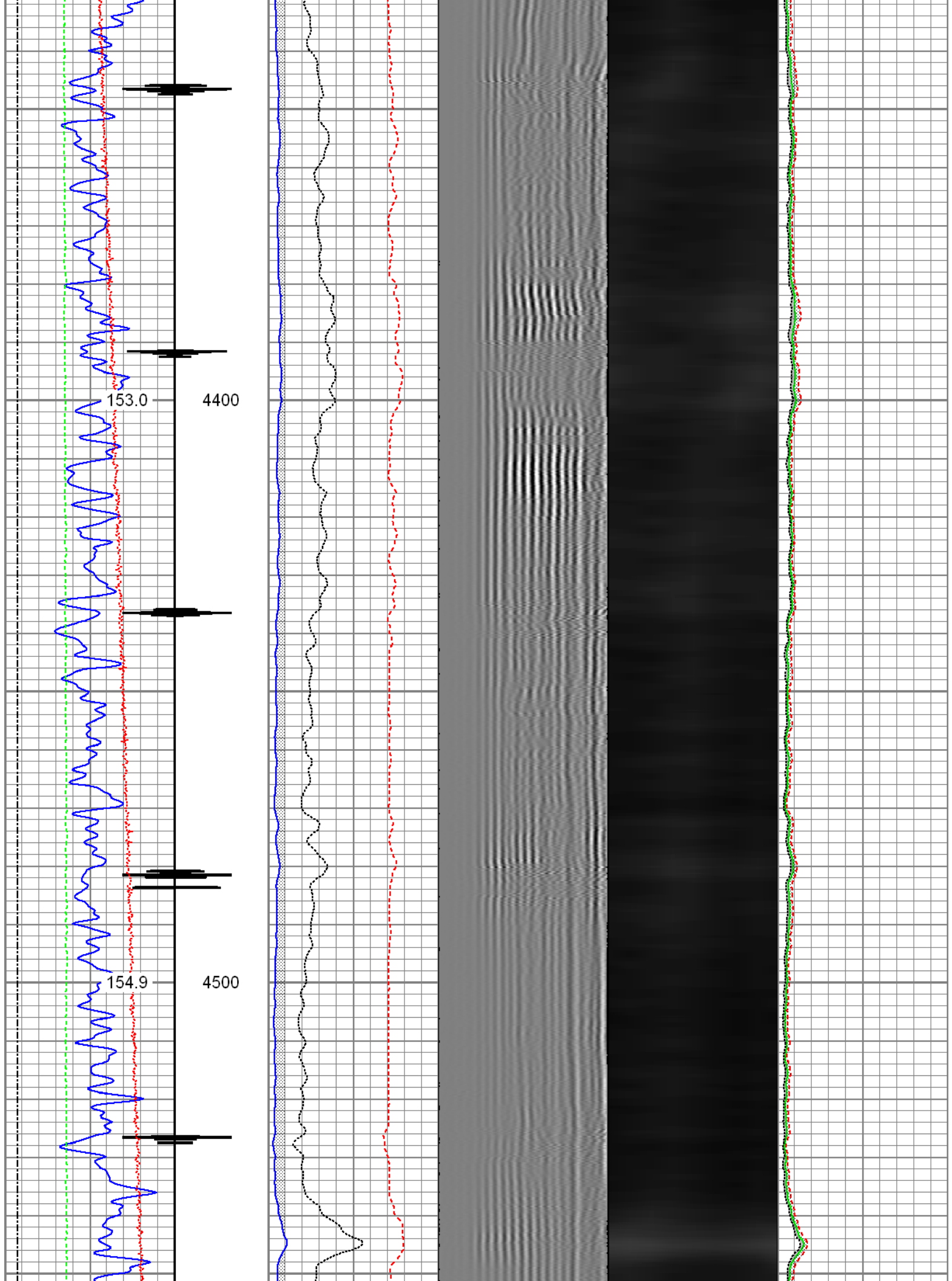


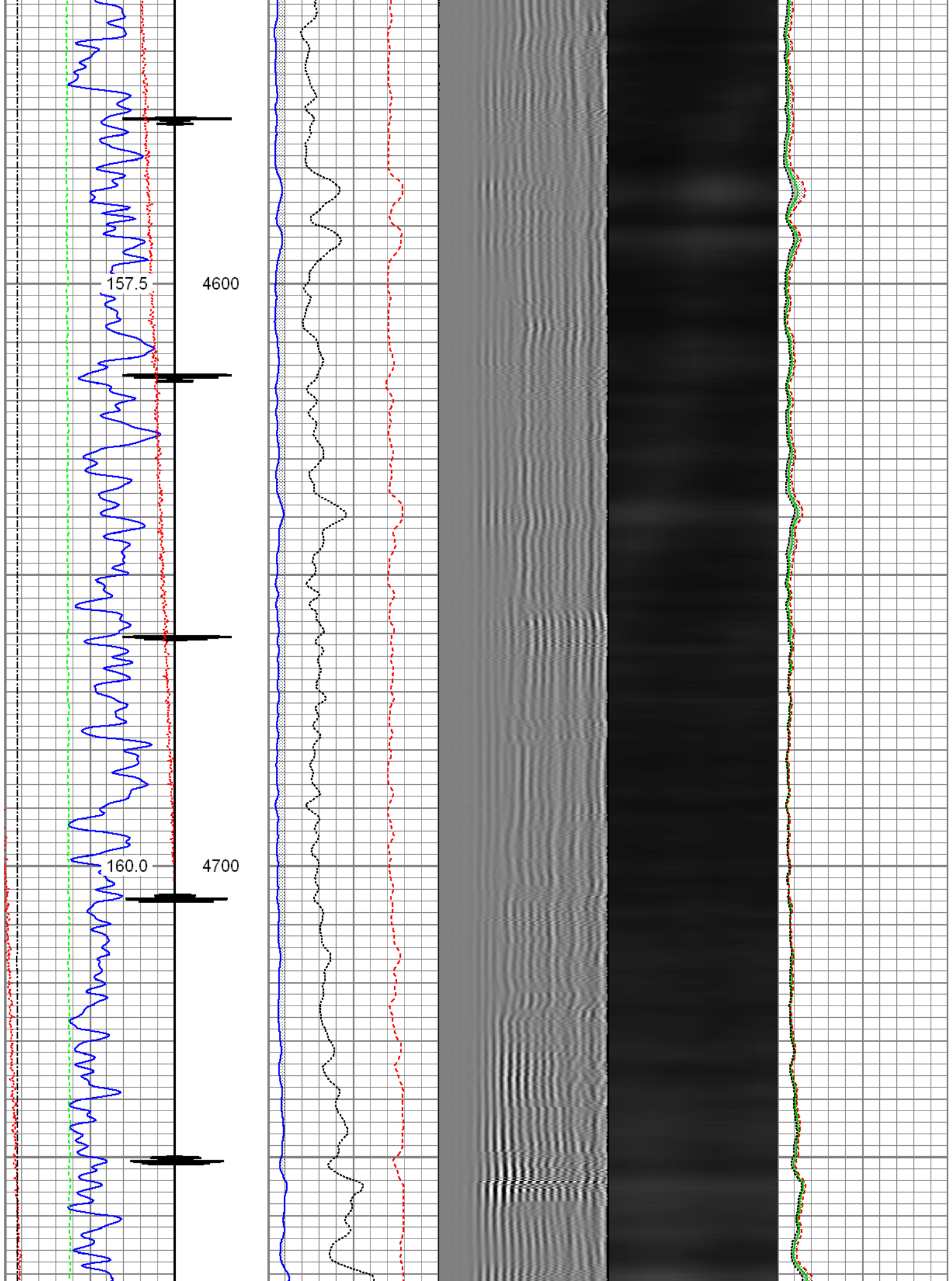




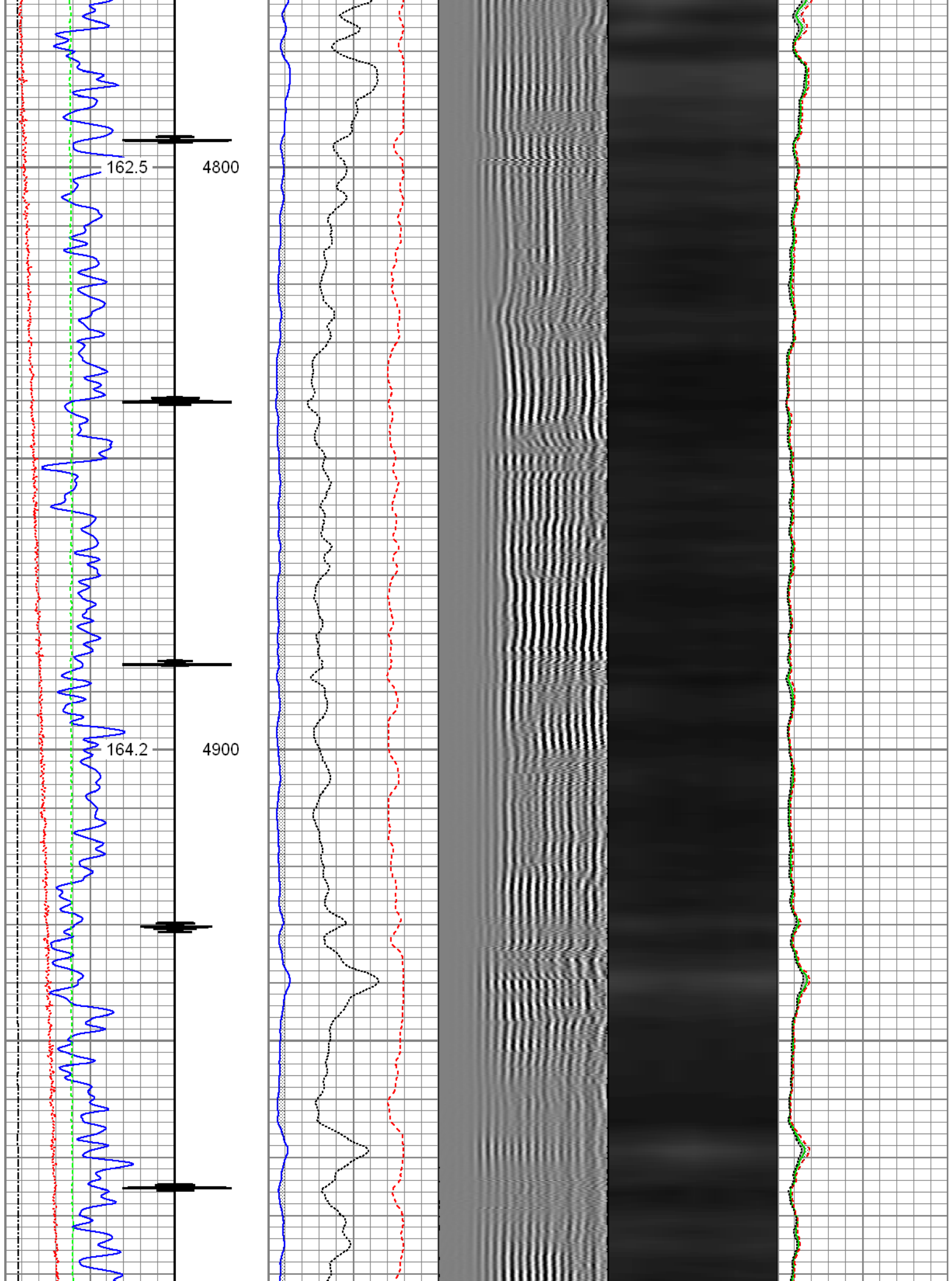


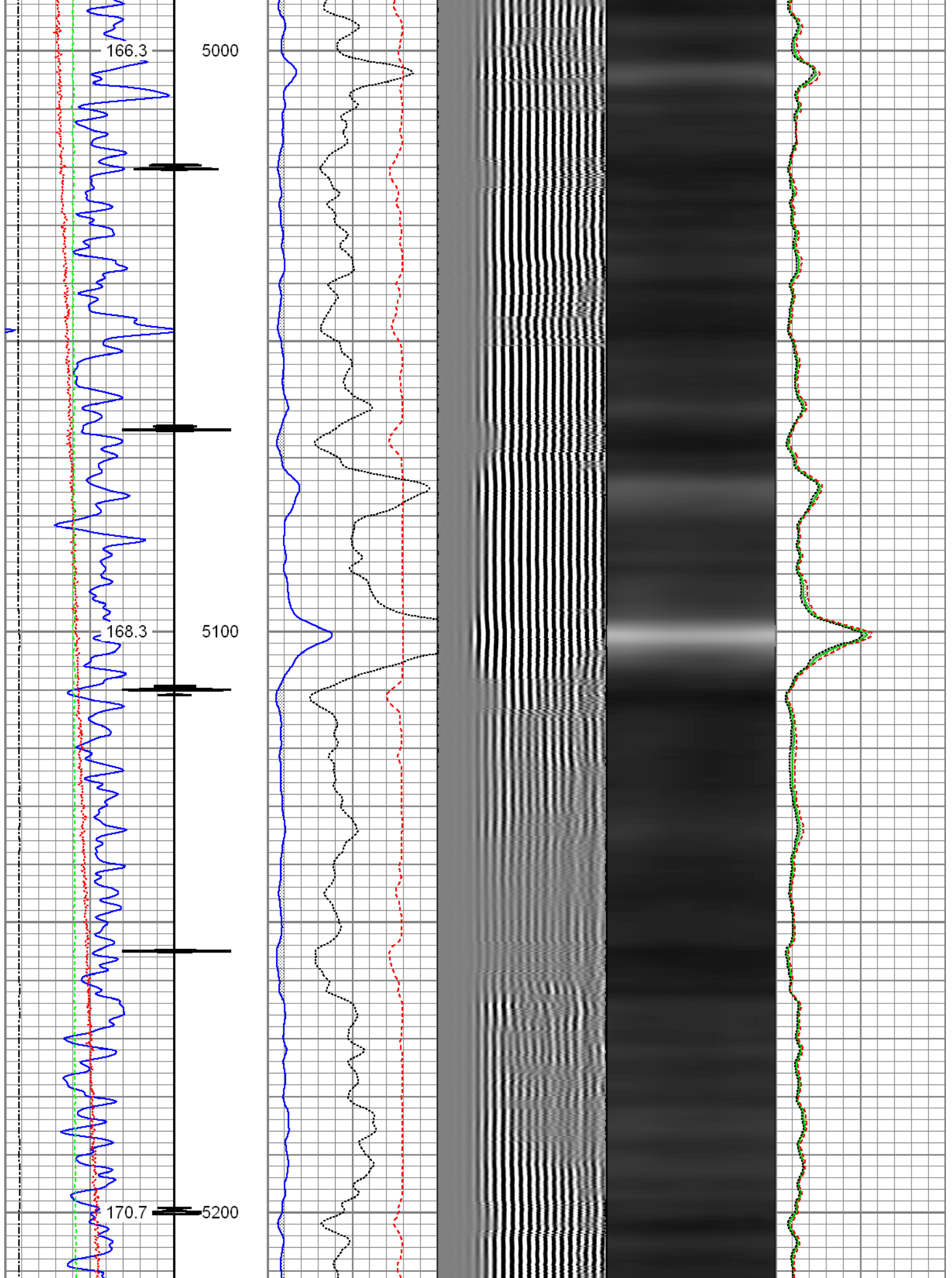


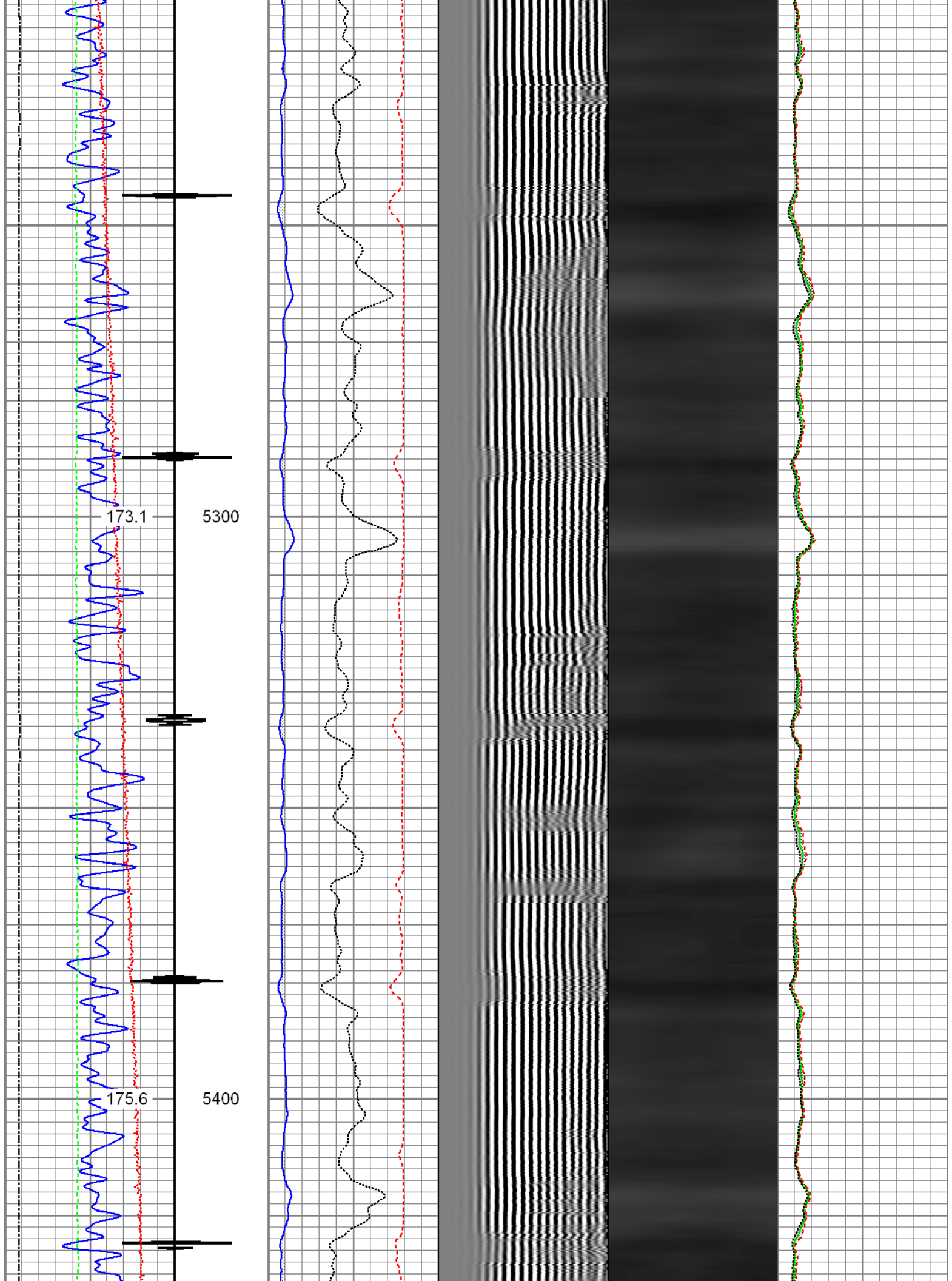




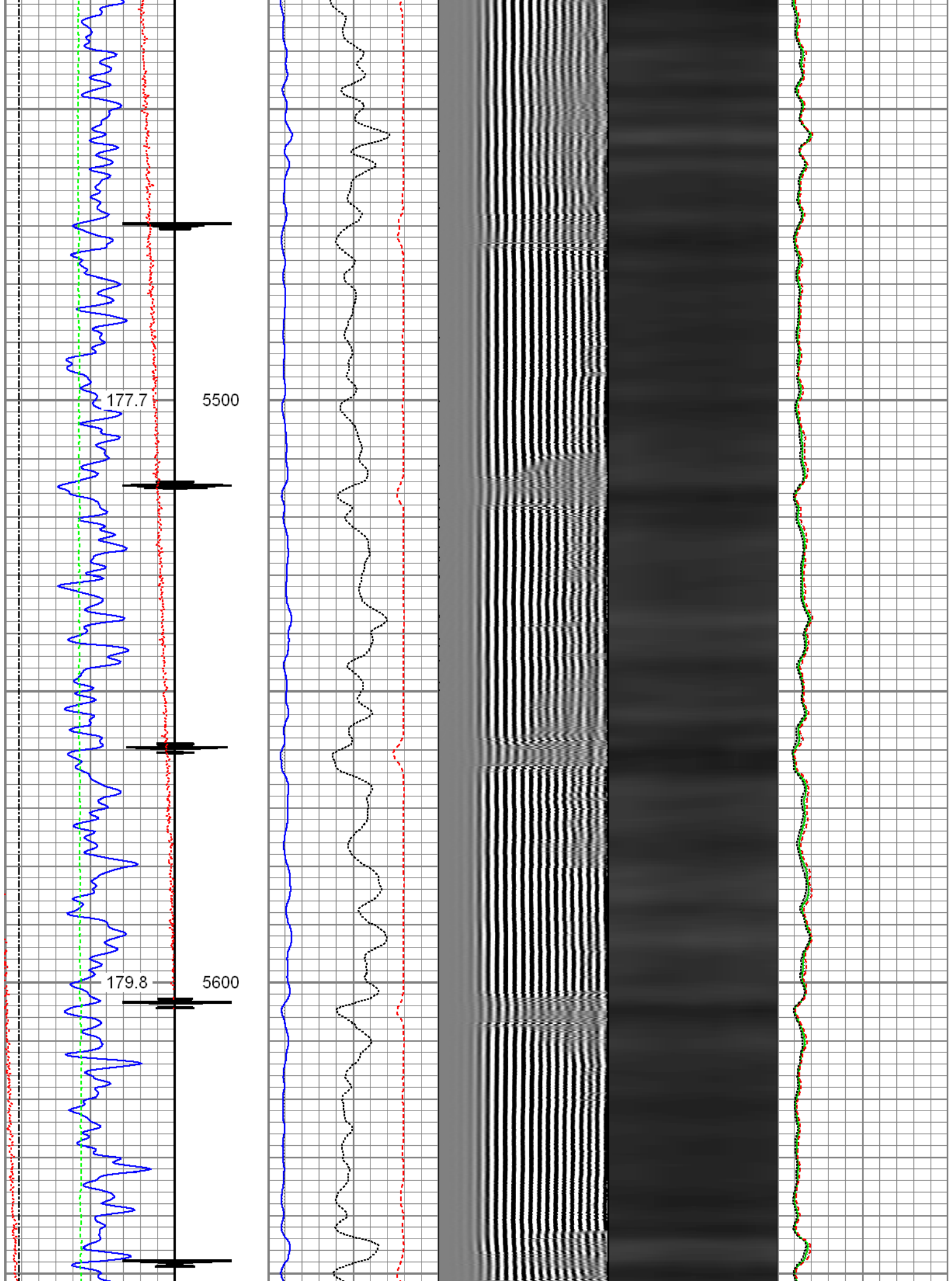


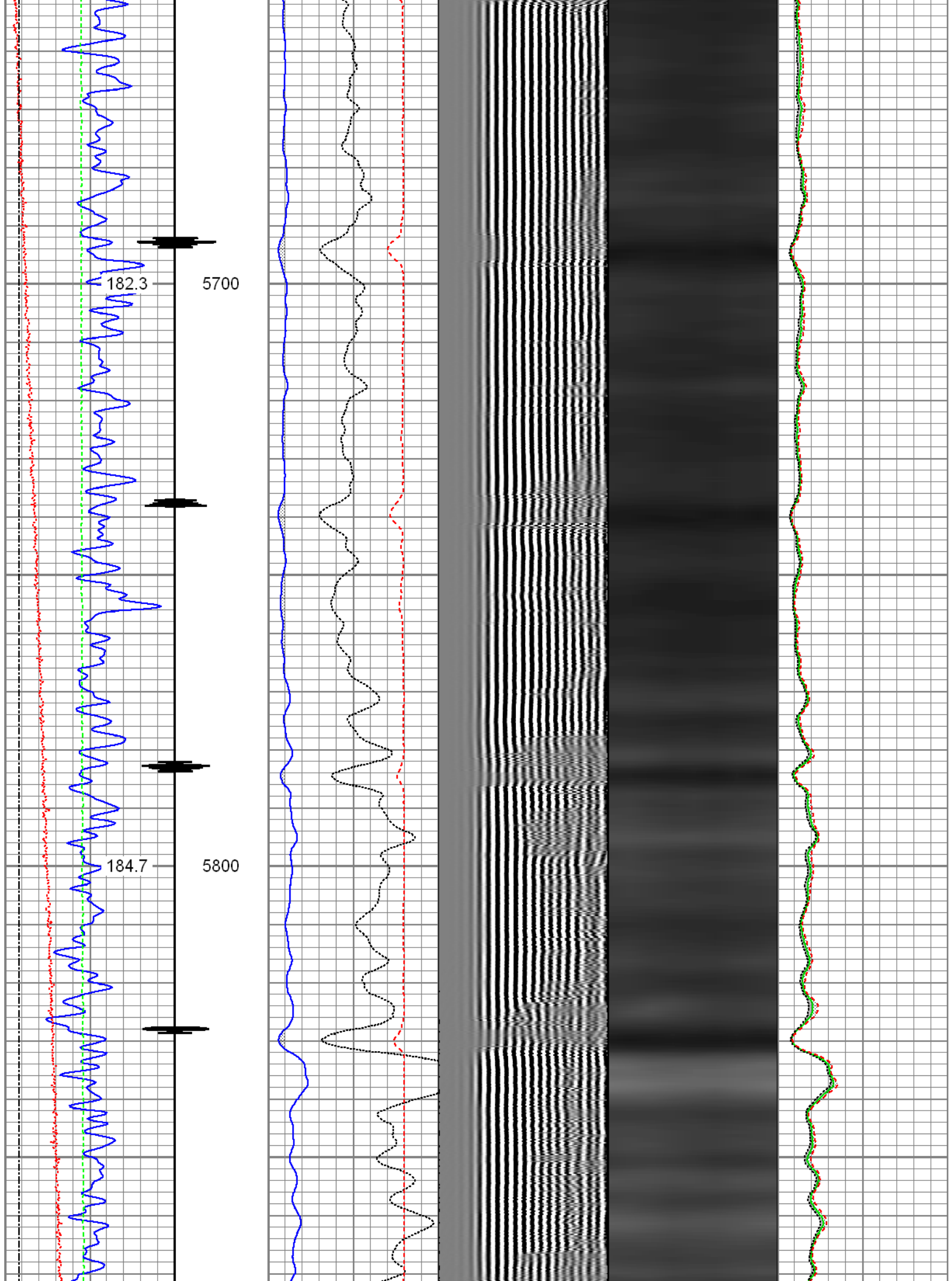


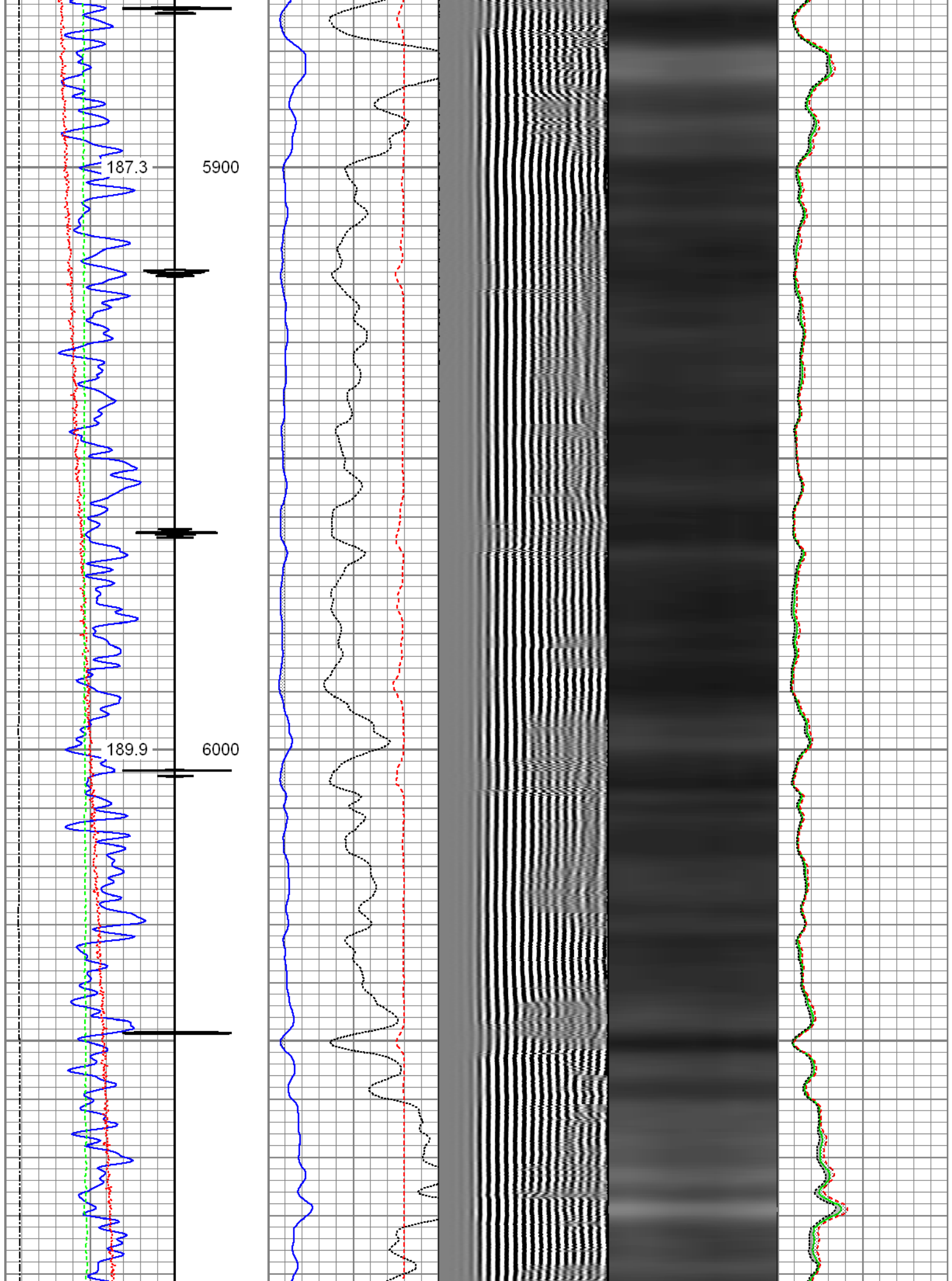




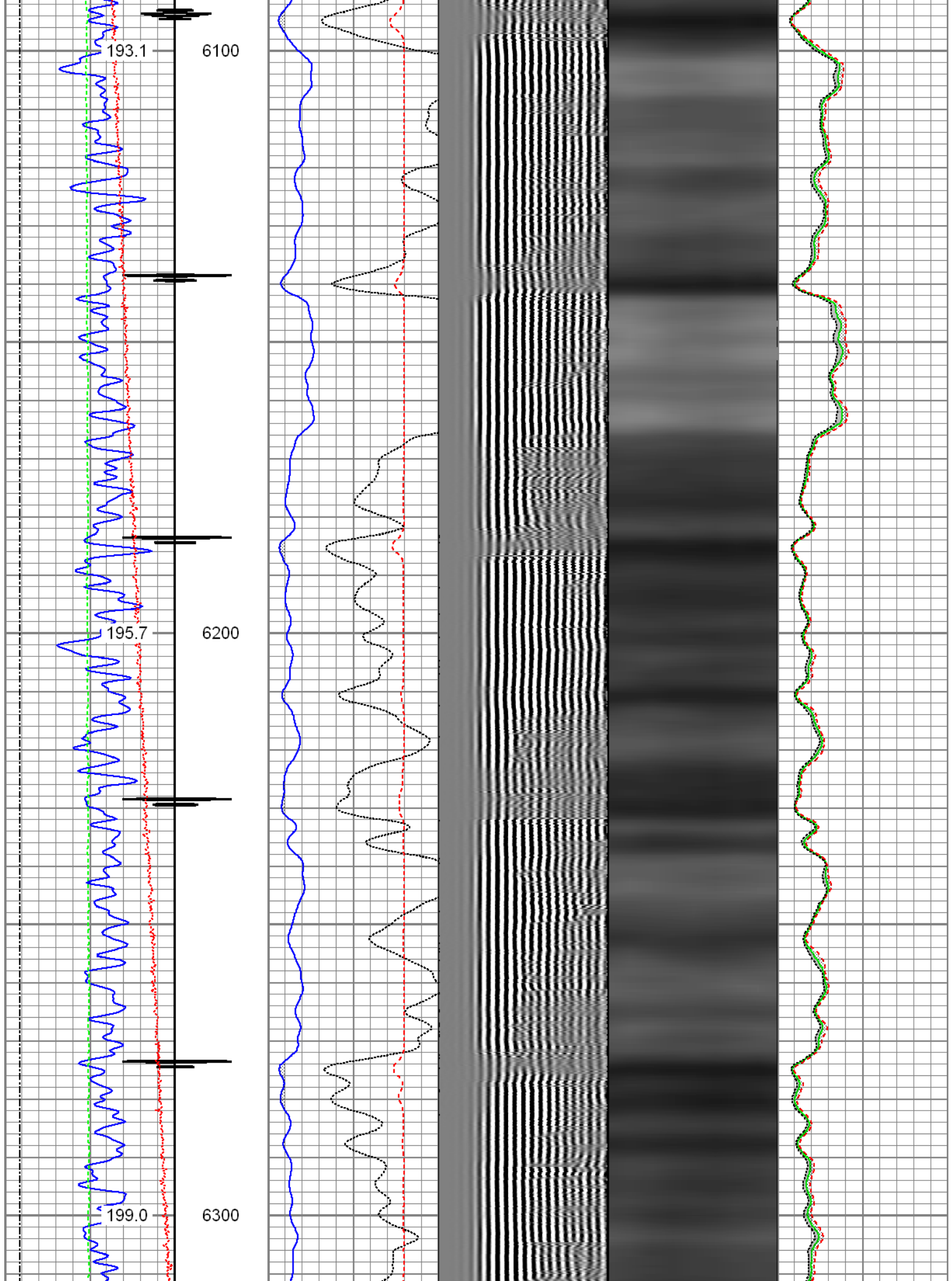


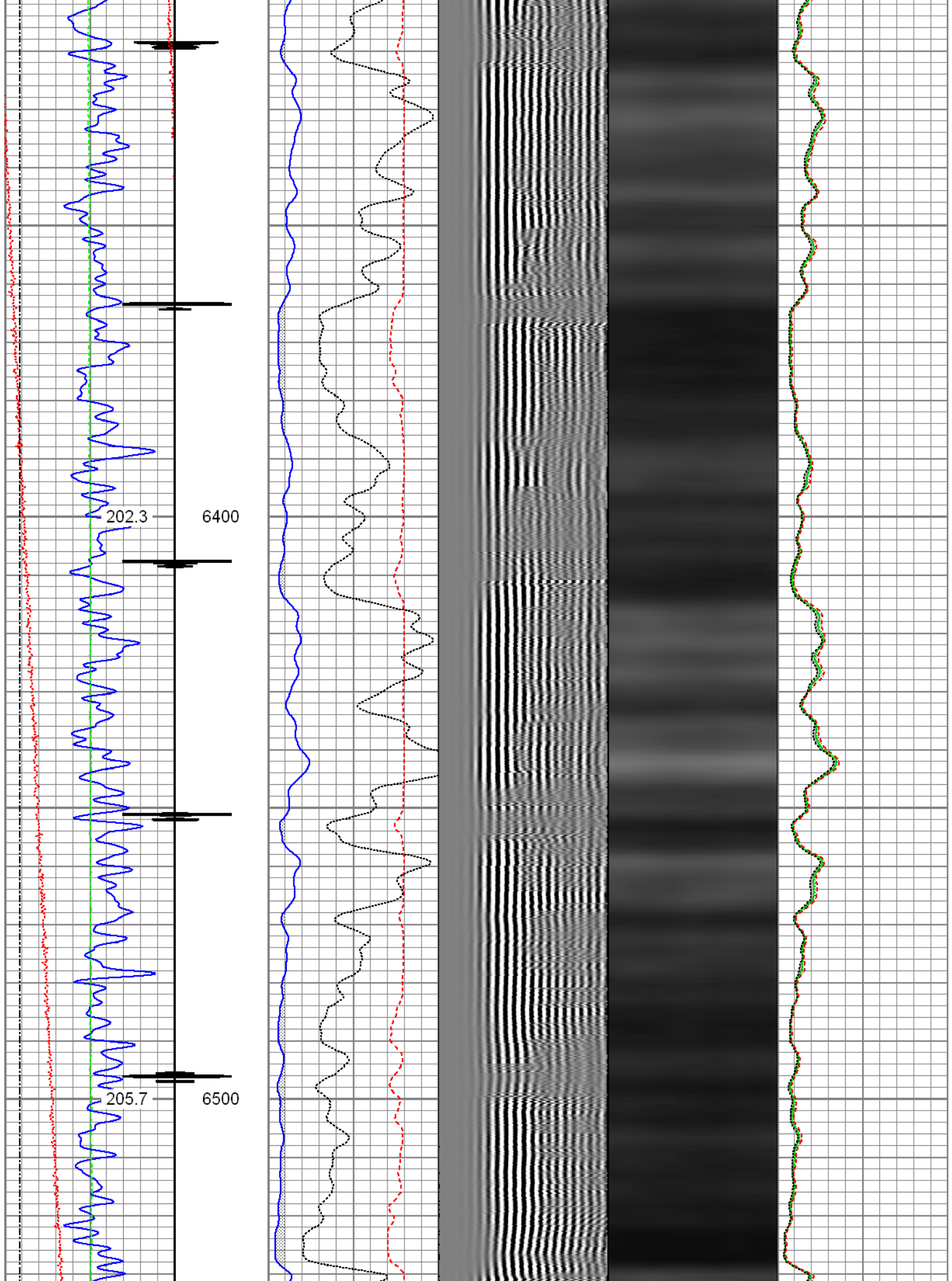


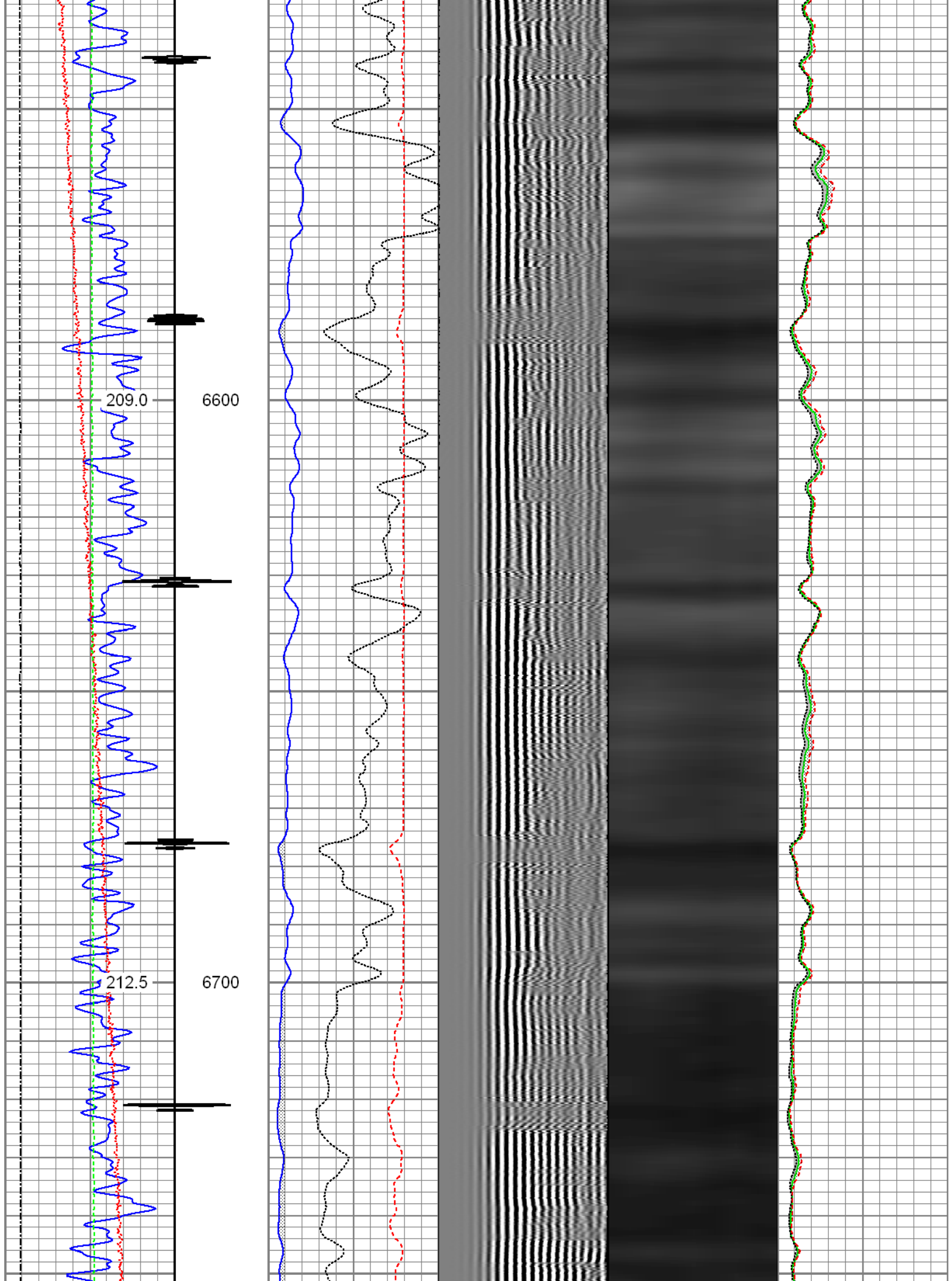




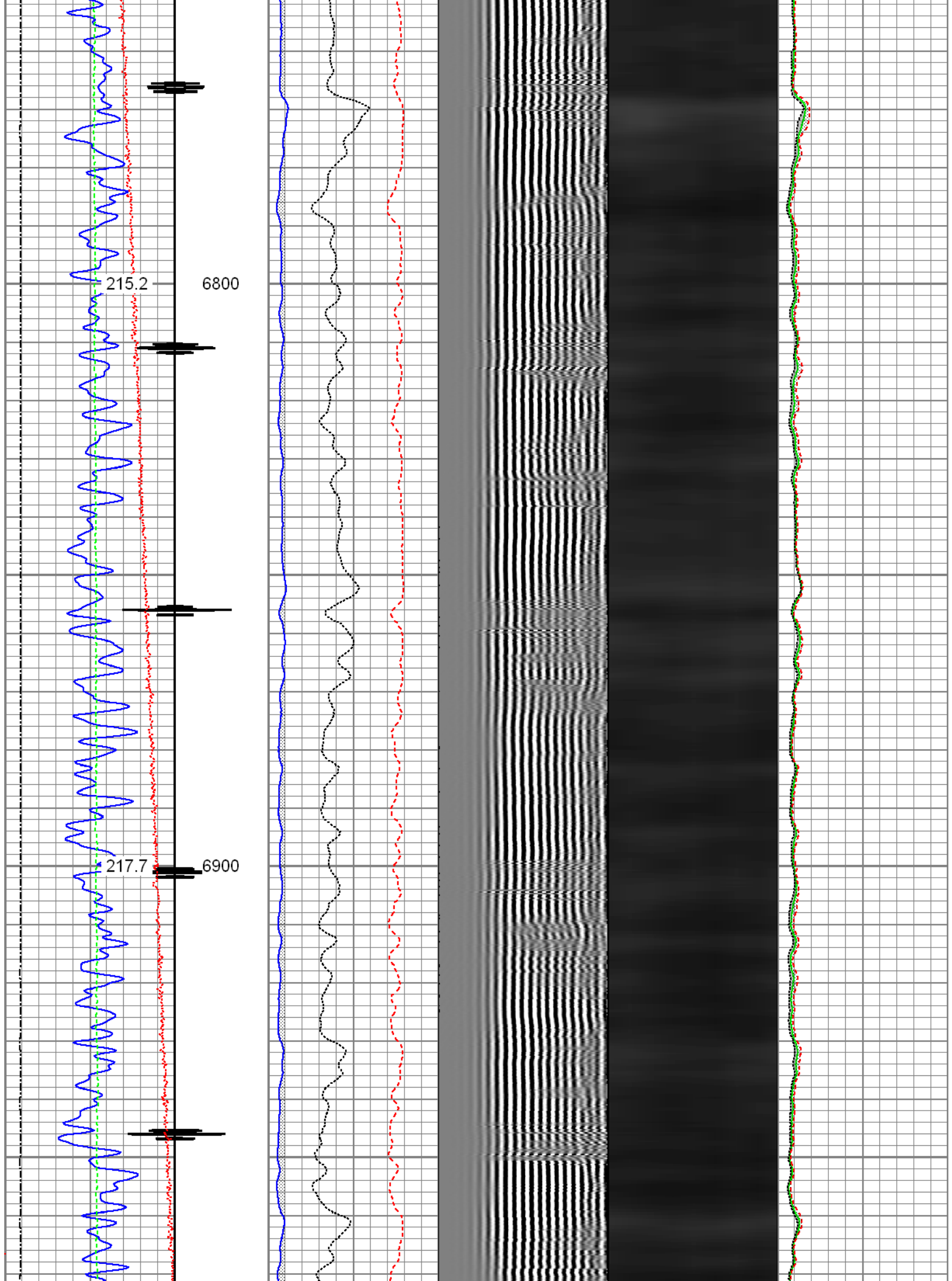


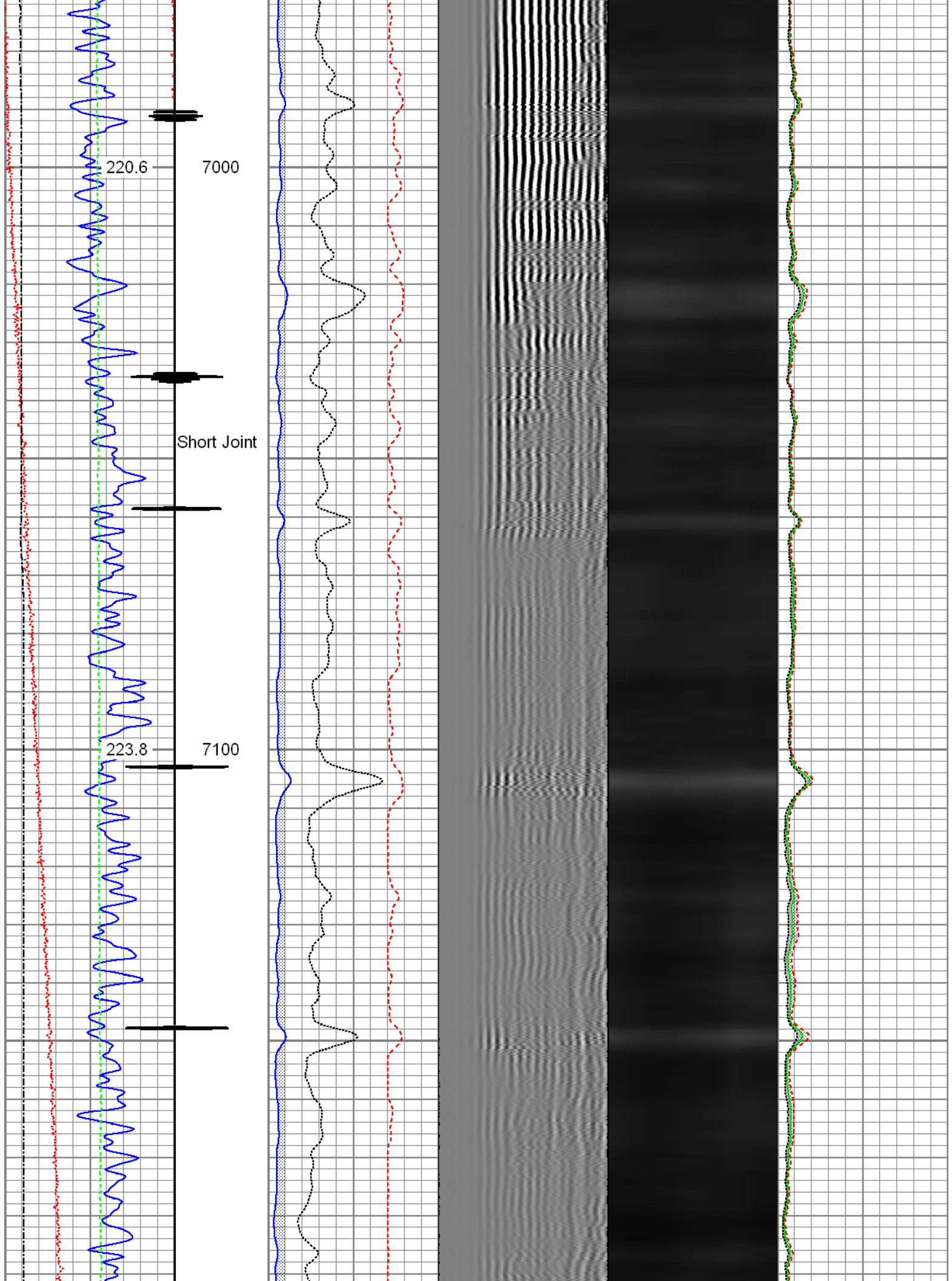


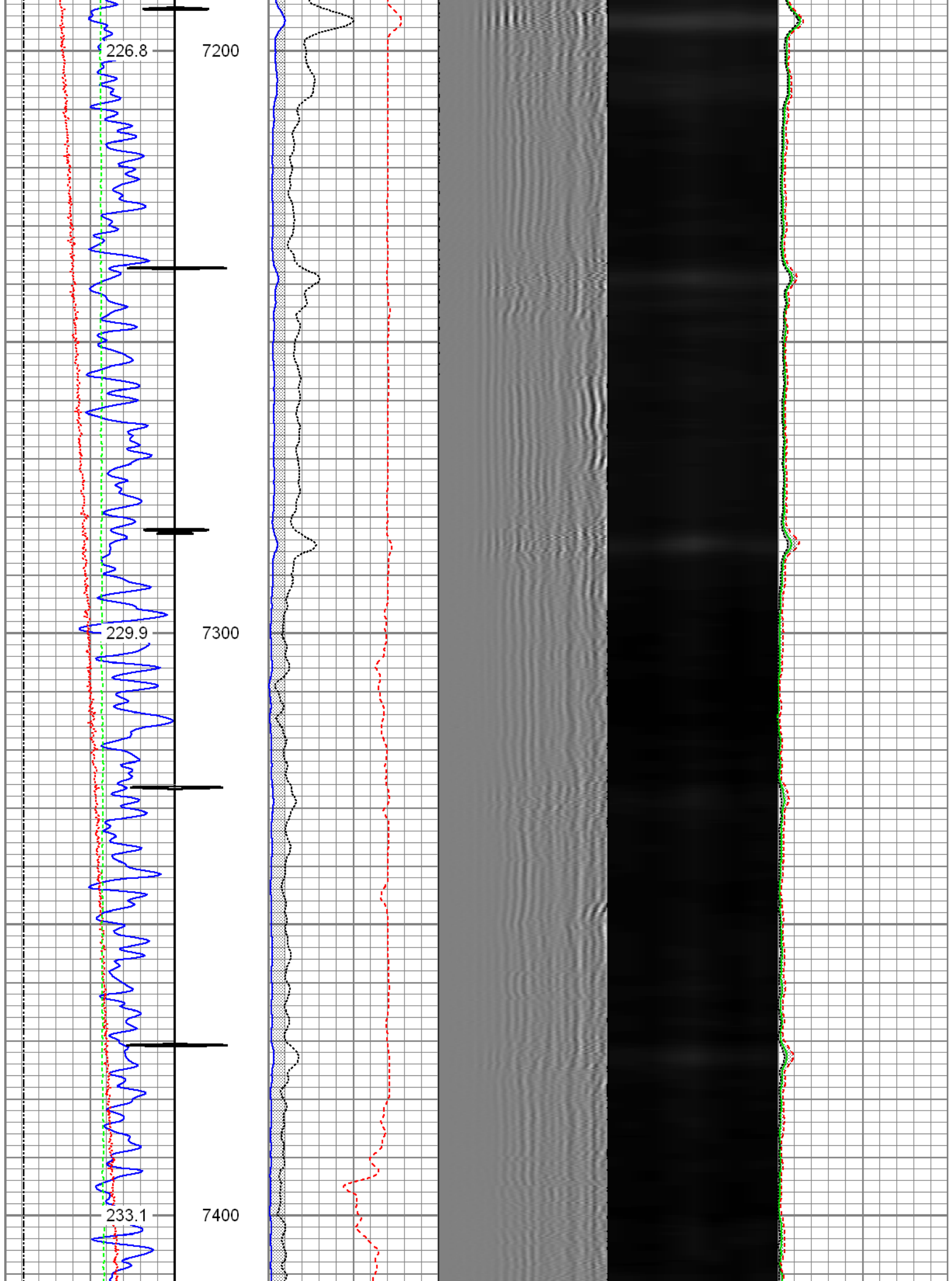




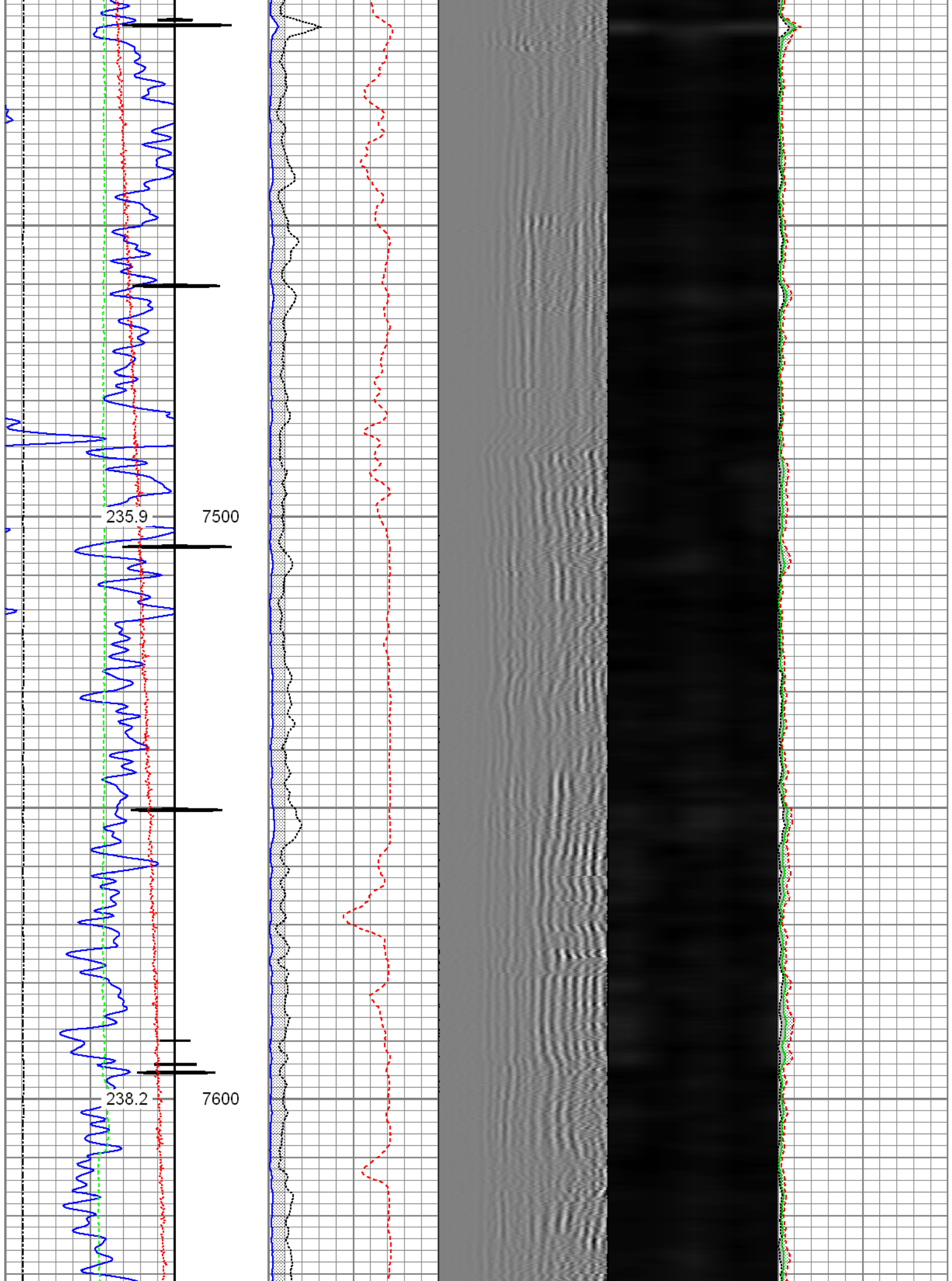


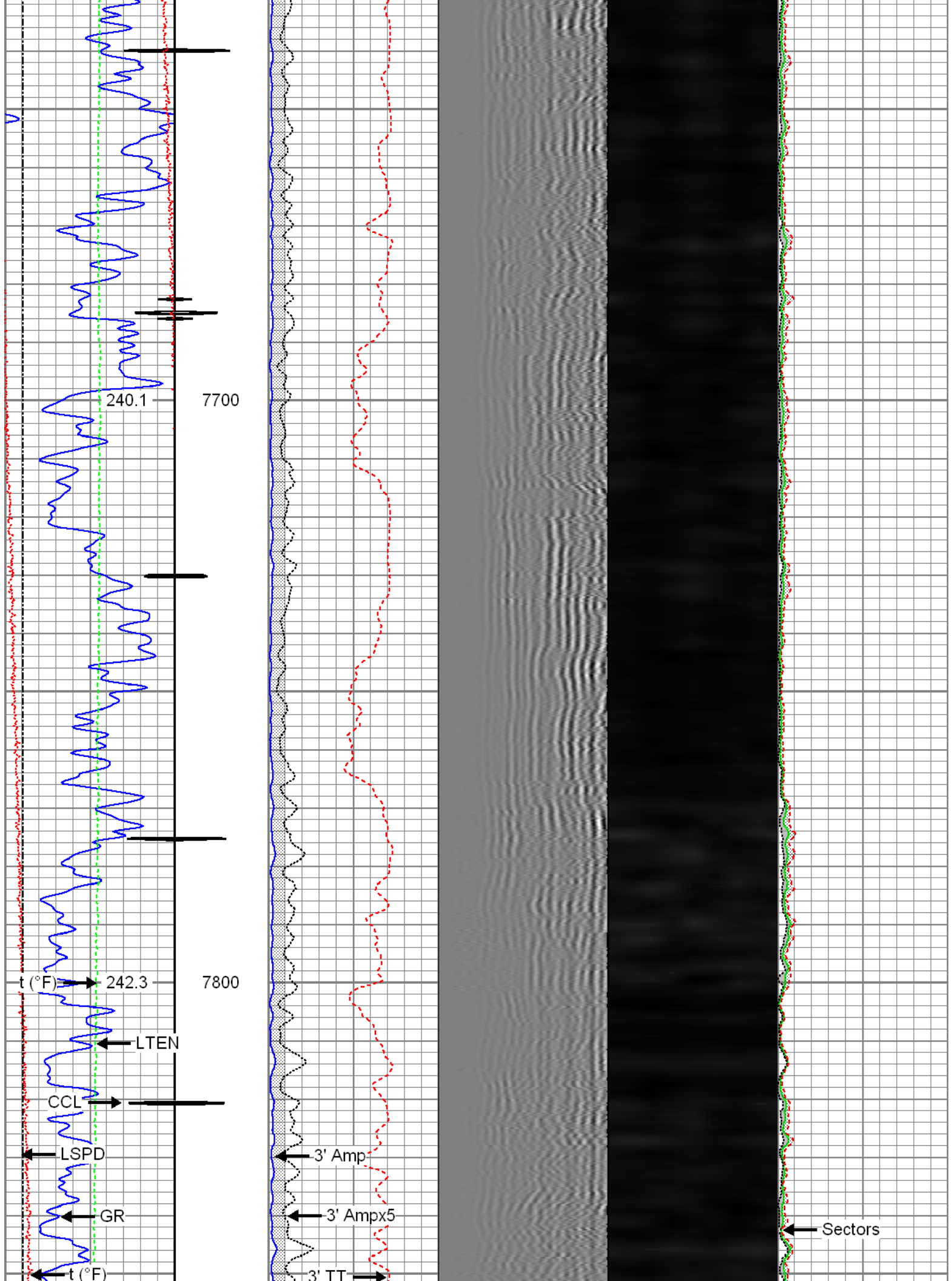


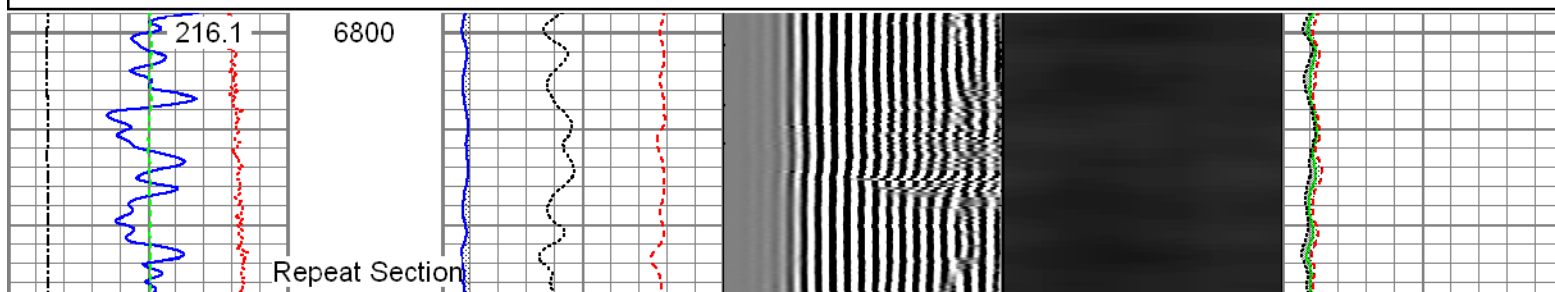
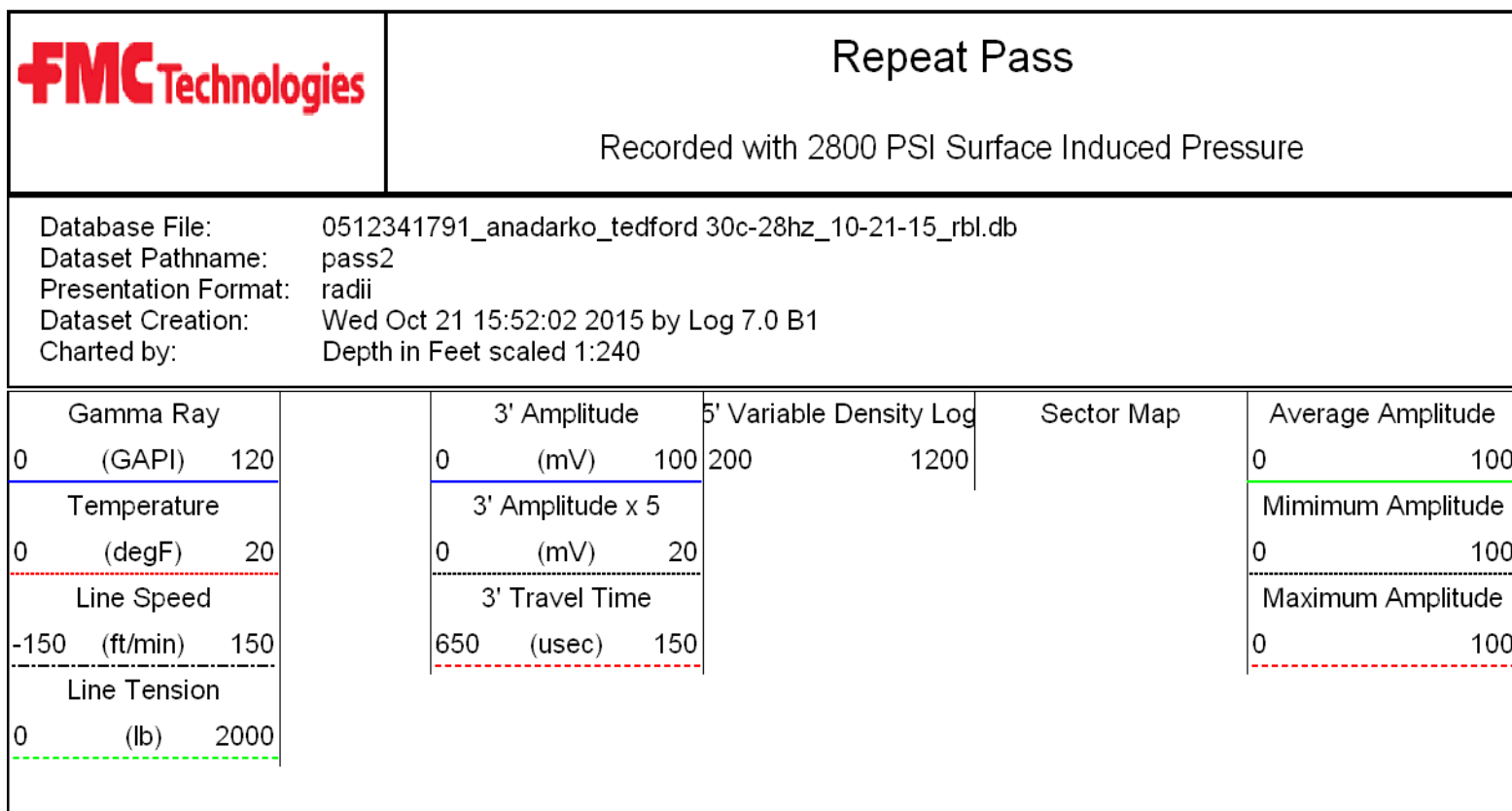
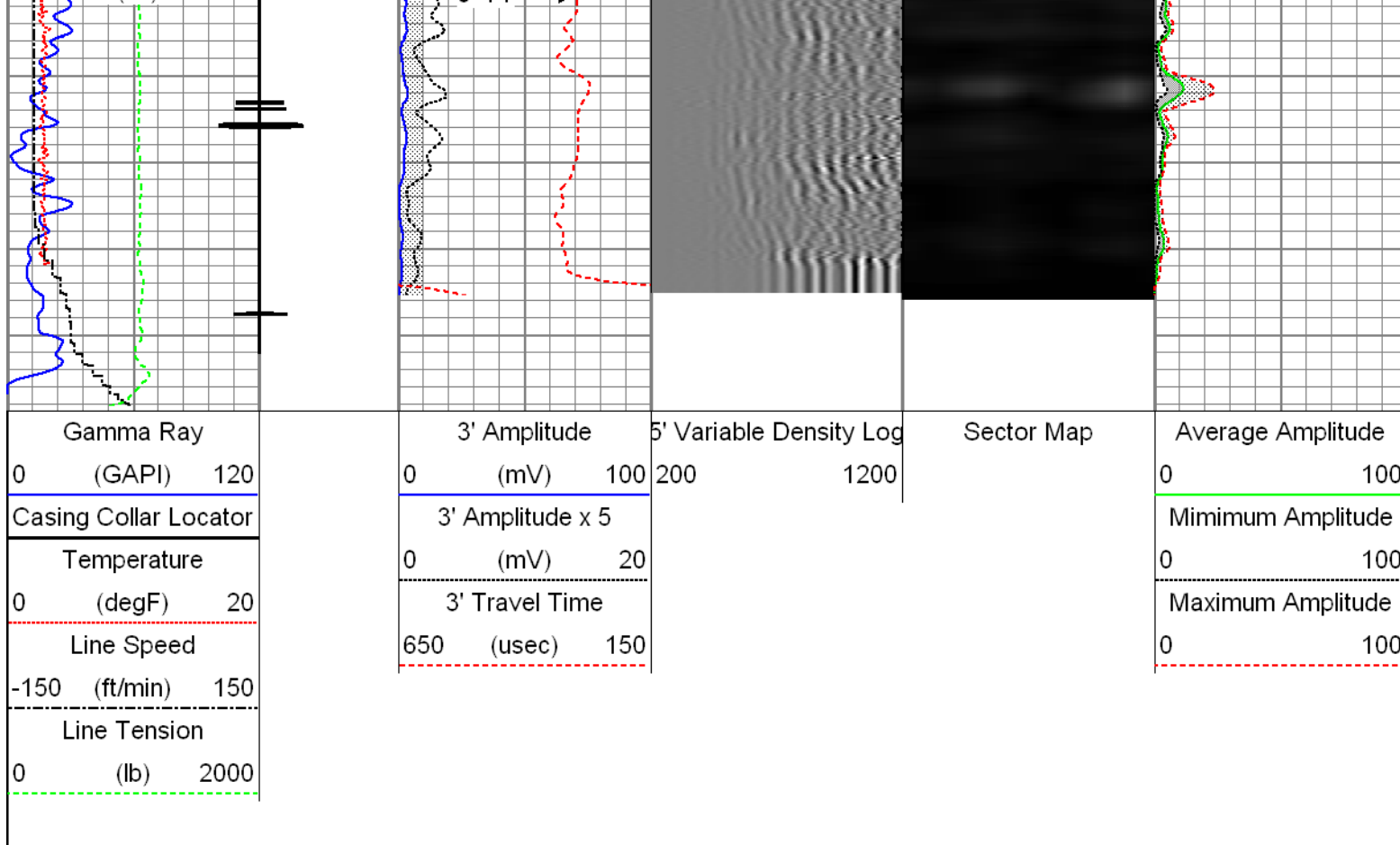




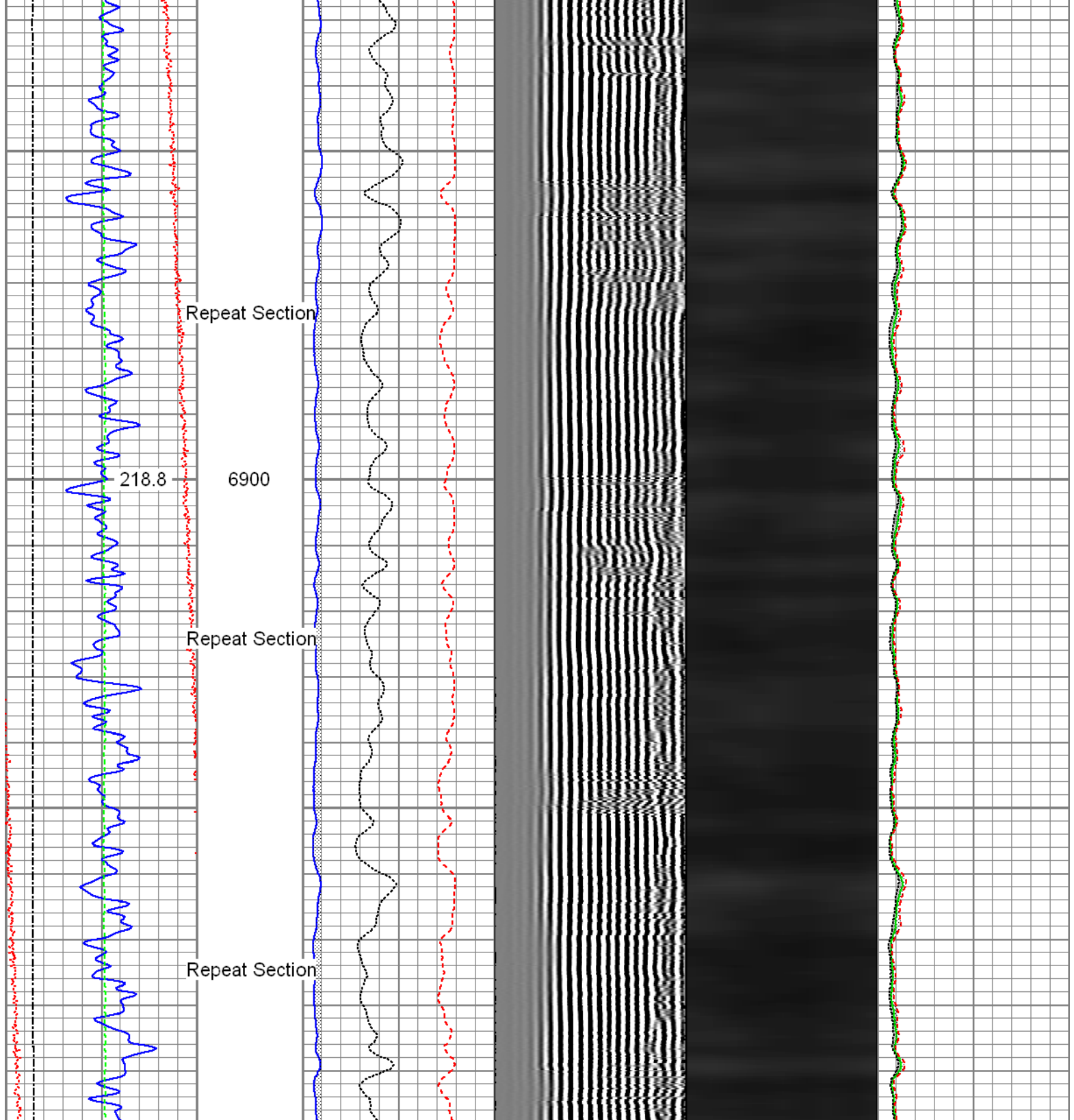




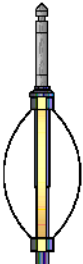

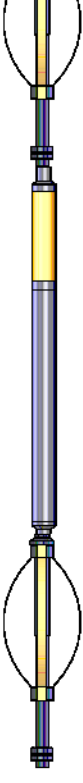








Gamma Ray		3' Amplitude		5' Variable Density Log		Sector Map		Average Amplitude	
0	(GAPI) 120	0	(mV) 100	200	1200			0	100
Temperature		3' Amplitude x 5						Minimum Amplitude	
0	(degF) 20	0	(mV) 20					0	100
Line Speed		3' Travel Time						Maximum Amplitude	
-150	(ft/min) 150	650	(usec) 150					0	100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

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
HeadVolt	19.49		<b>T_CH14375_1_GO</b> Titan 1-7/16" Assembled Electric Cable Head with 1" Fishing Neck	1.03	1.44	4.00
			<b>Probe_IL_BS_Cent</b> Probe 2-3/4" Inline Electrical Inline Bowspring Centralizer	2.88	2.75	10.00
Temp	16.72					
WV3FT	14.55		<b>Probe_RADII-C-2-3/4" (FW1305-098)</b> 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	14.55					
WV5FT	13.55					
CCL DCCL	6.51		<b>Probe_IL_BS_Cent</b> Probe 2-3/4" Inline Electrical Inline Bowspring Centralizer	2.88	2.75	10.00
	6.51					
			<b>Probe_CCL_GR-2.75"Digital (FW1307-038)</b> Probe 2-3/4" Digital CCL / Gamma Ray Combined	4.54	2.75	55.00
GR	3.77					
			<b>Probe_IL_BS_Cent</b> Probe 2-3/4" Inline Electrical Inline Bowspring Centralizer	2.88	2.75	10.00

# Calibration Report

Database File: 0512341791\_Anadarko\_Tedford 30C-28HZ\_10-21-15\_RBL.db  
 Dataset Pathname: pass4  
 Dataset Creation: Wed Oct 21 15:59:26 2015 by Log 7.0 B1

## Gamma Ray Calibration Report

Serial Number: FW1307-038  
 Tool Model: 2.75"Digital  
 Performed: Fri Sep 11 07:43:30 2015

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: FW1305-098  
 Tool Model: 2-3/4"

Calibration Casing Diameter: 5.500 in  
 Calibration Depth: 25.008 ft

Master Calibration, performed Wed Oct 21 15:29:39 2015:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.002	0.626	0.800	71.921	113.860	0.592
CAL	0.002	0.919				
5'	0.001	0.394	0.800	71.921	181.029	0.617
SUM						
S1	0.002	0.598	0.000	100.000	167.680	-0.330
S2	0.002	0.608	0.000	100.000	164.932	-0.282
S3	0.003	0.628	0.000	100.000	159.888	-0.465
S4	0.002	0.655	0.000	100.000	153.202	-0.318
S5	0.002	0.665	0.000	100.000	150.846	-0.296
S6	0.002	0.645	0.000	100.000	155.558	-0.304
S7	0.002	0.623	0.000	100.000	160.911	-0.297
S8	0.002	0.598	0.000	100.000	167.659	-0.317

Internal Reference Calibration, performed Wed Dec 31 17:00:00 1969:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.002	0.919	1.000	0.000

Air Zero Calibration, performed Wed Oct 21 15:29:57 2015:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero			Offset
3'	0.002		0.000			0.000



5'	0.001	0.000	-0.000
SUM			
S1	0.002	0.000	0.000
S2	0.002	0.000	0.000
S3	0.003	0.000	0.000
S4	0.002	0.000	0.000
S5	0.002	0.000	0.000
S6	0.002	0.000	0.000
S7	0.002	0.000	-0.000
S8	0.002	0.000	-0.000

	Company	Kerr-McGee Oil & Gas Onshore, L.P.
	Well	Tedford 30C-28HZ
	Field	Wattenberg
	County	Weld
	State	Colorado