



<<< Fold Here >>>

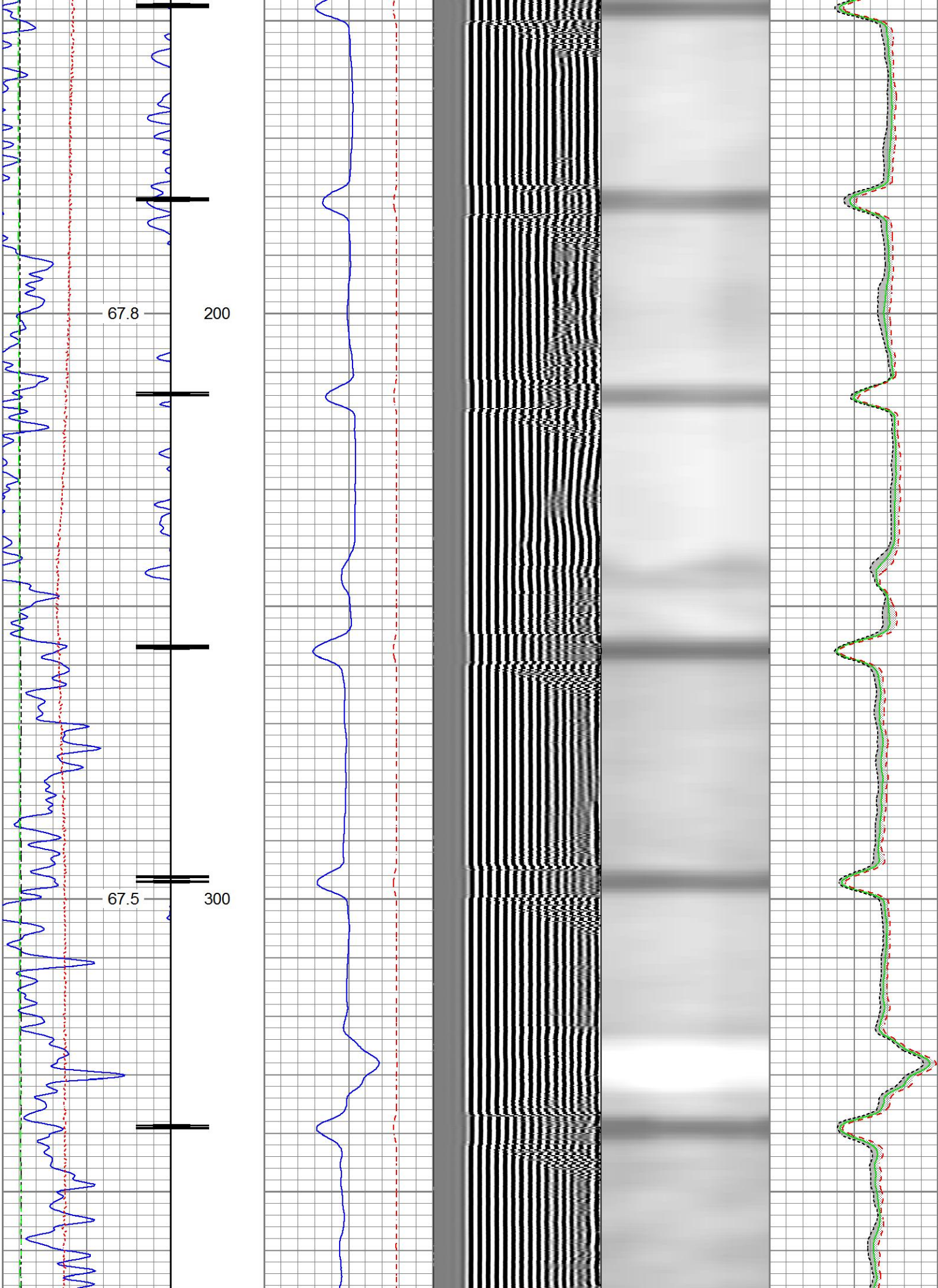
Comments

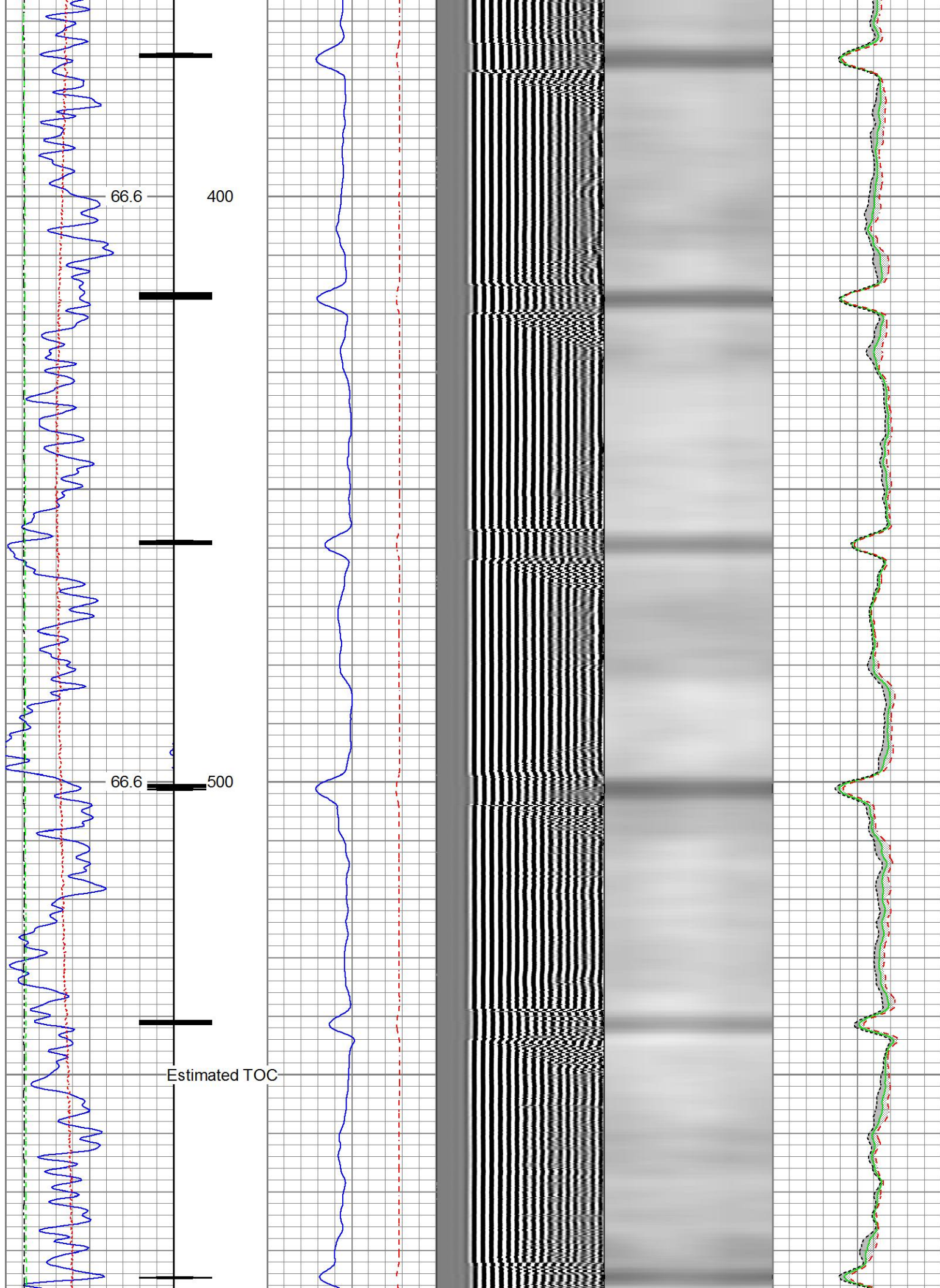
Thank you for choosing Reliance Oilfield Services, LLC!!

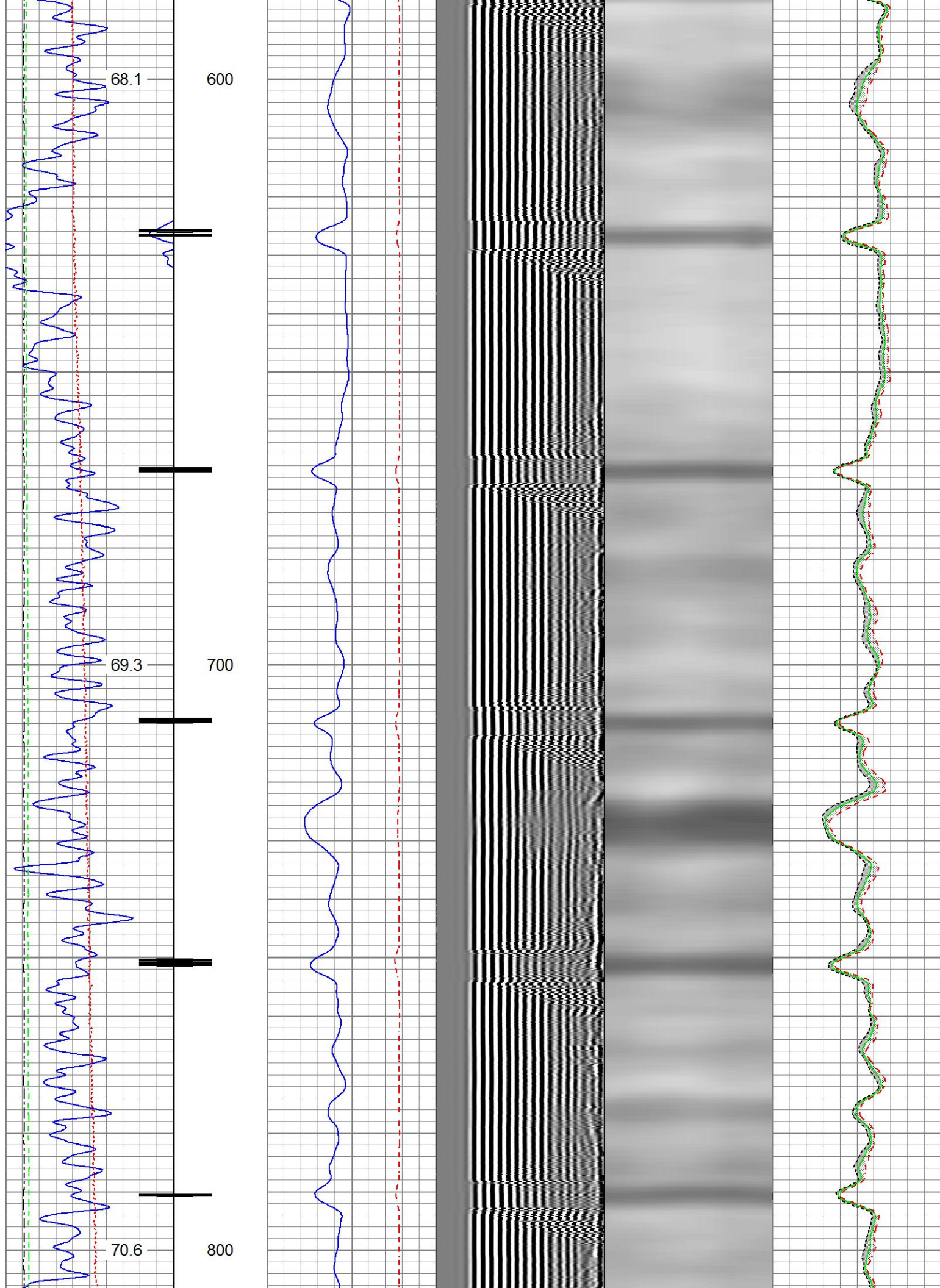


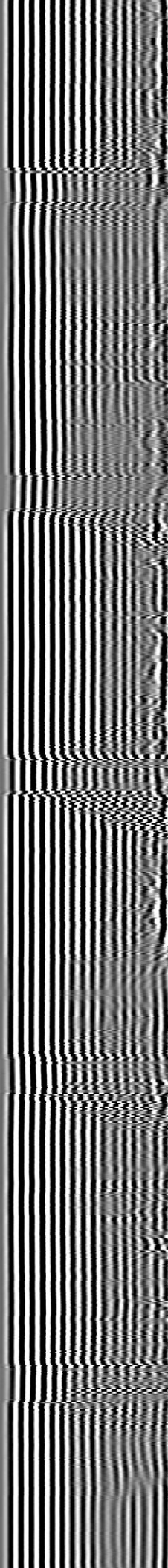
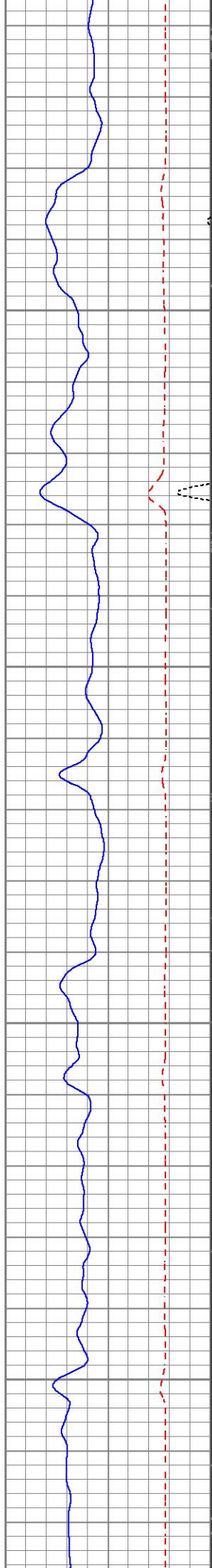
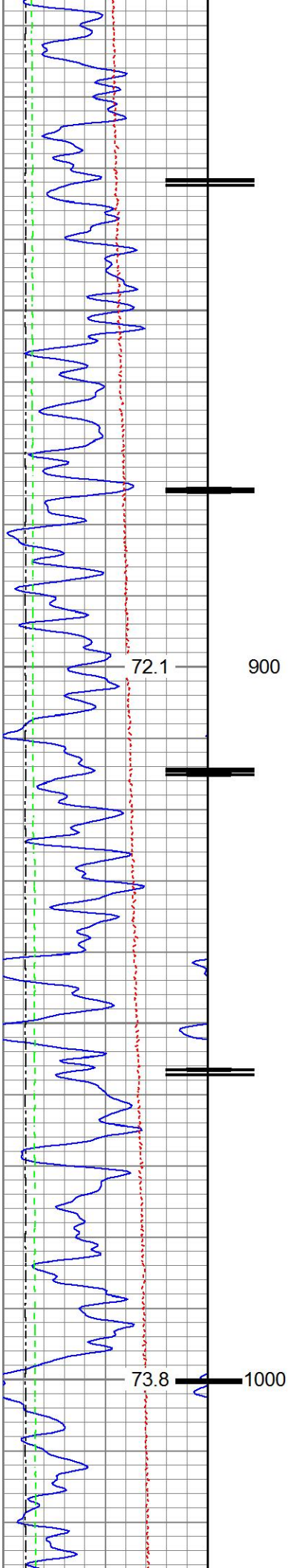
Recorded With 0 PSI Surface Induced Pressure

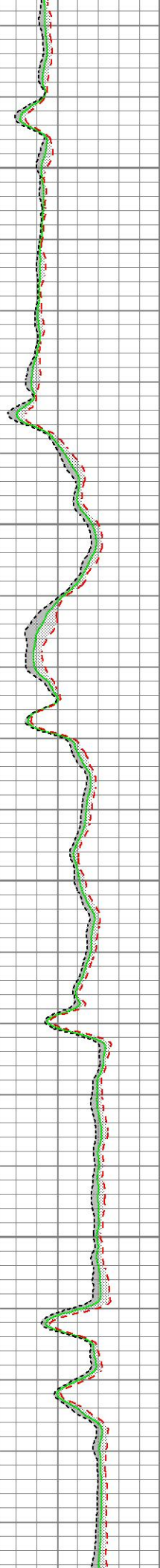
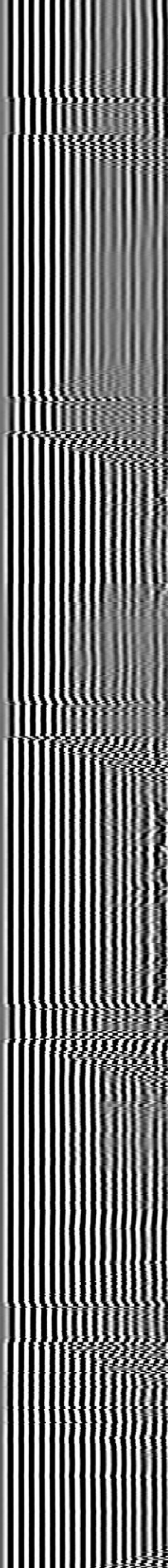
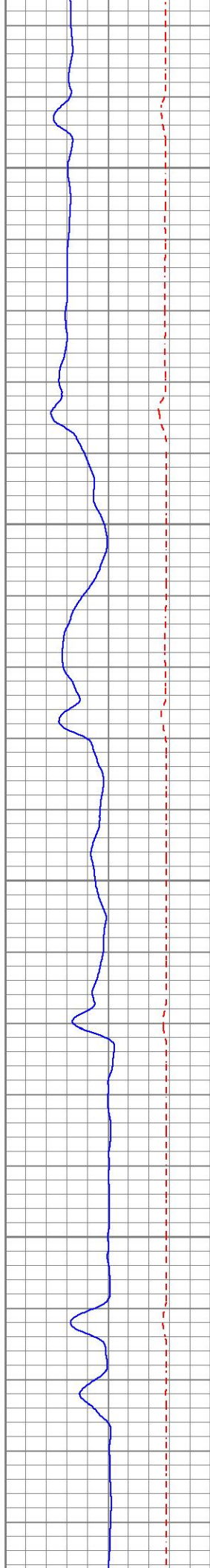
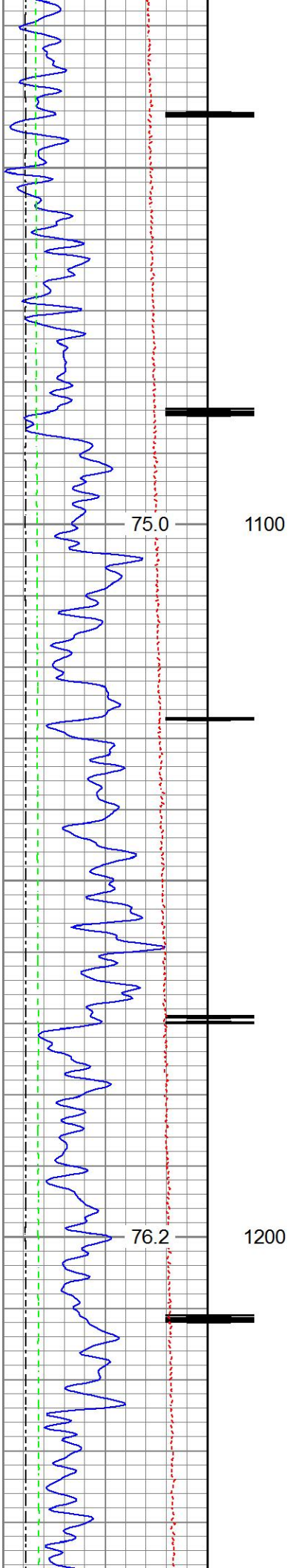
Gamma Ray			3' Amplitude			5' Variable Density Log		Sector Map	Average Amplitude	
30	(GAPI)	130	0	(mV)	100	200	1200		0	100
Casing Collar Locator			3' Amplitude x 5						Minimum Amplitude	
Temperature			0 (mV) 20						0 100	
0	(degF)	20	3' Travel Time						Maximum Amplitude	
Line Speed			650 (usec) 150						0 100	
-150	(ft/min)	150								
Line Tension										
0	(lb)	2000								

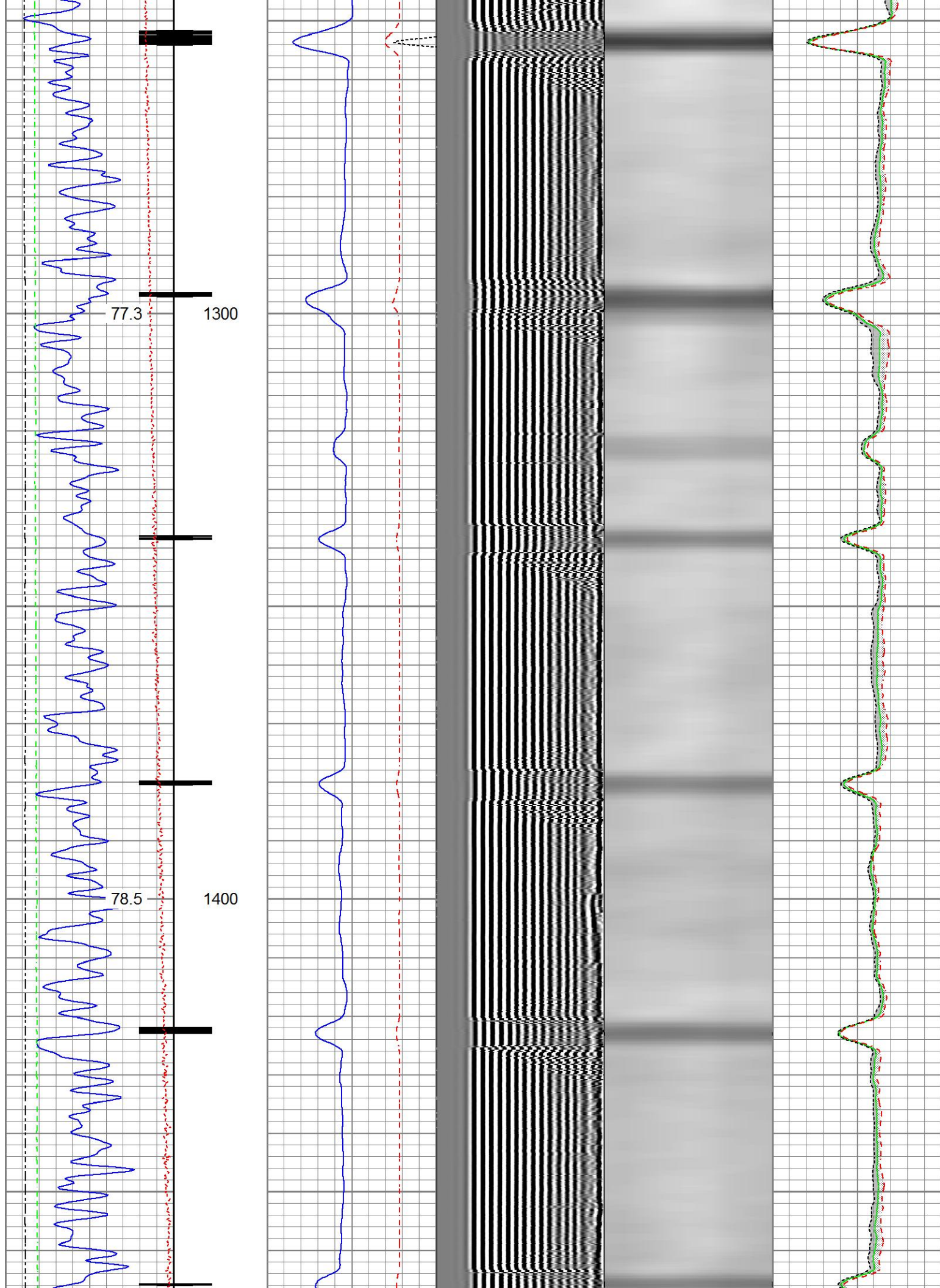


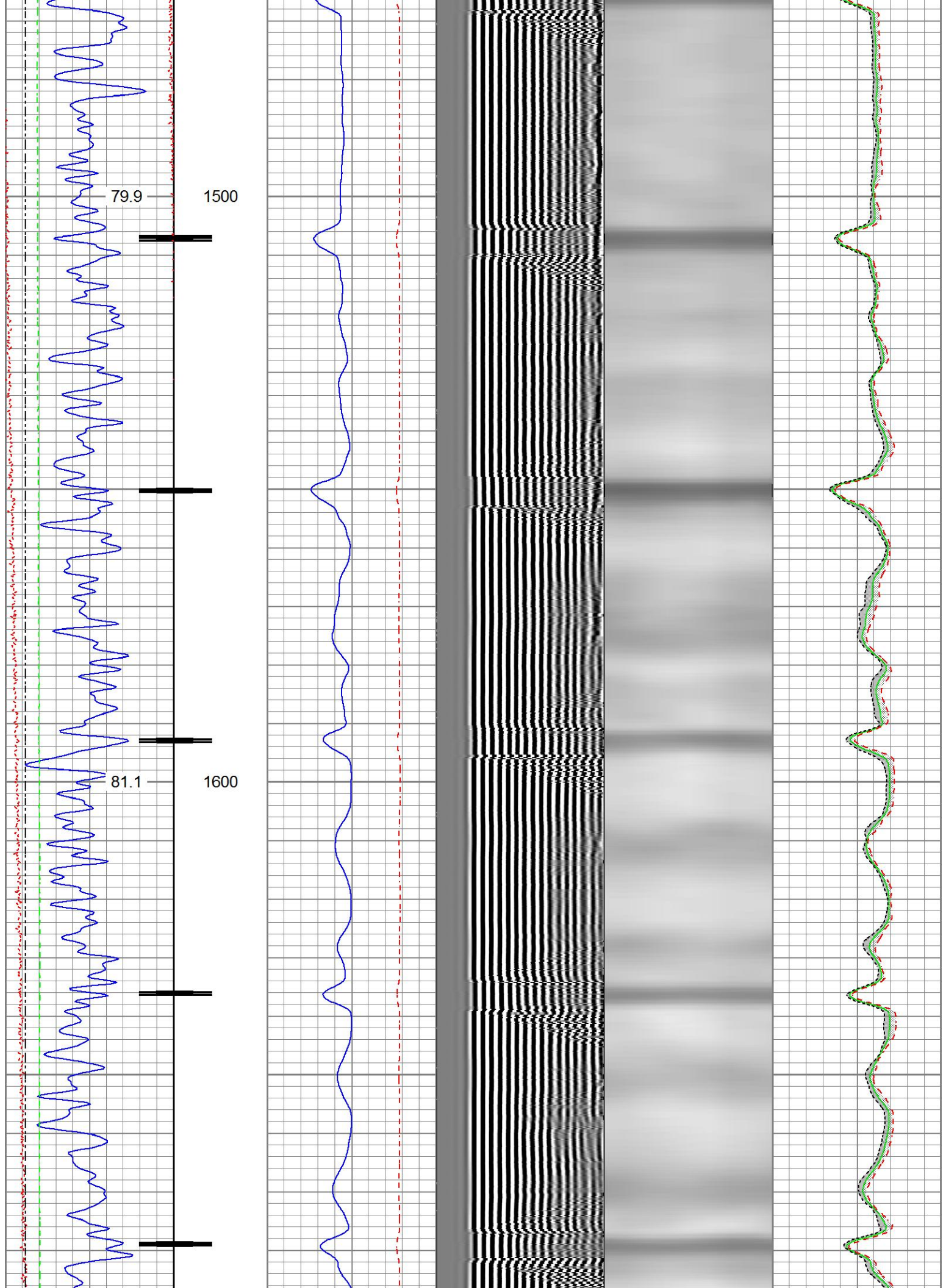


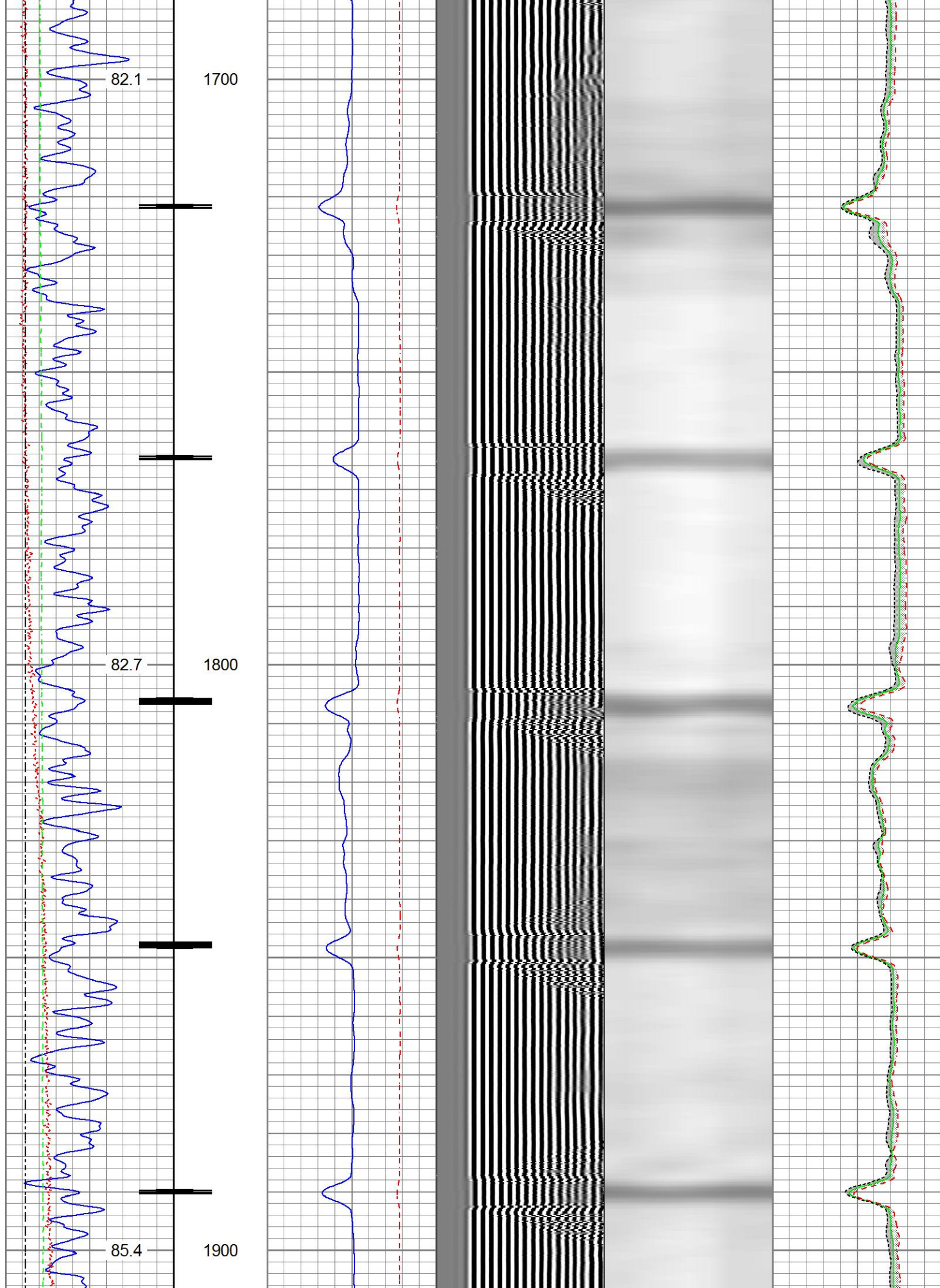


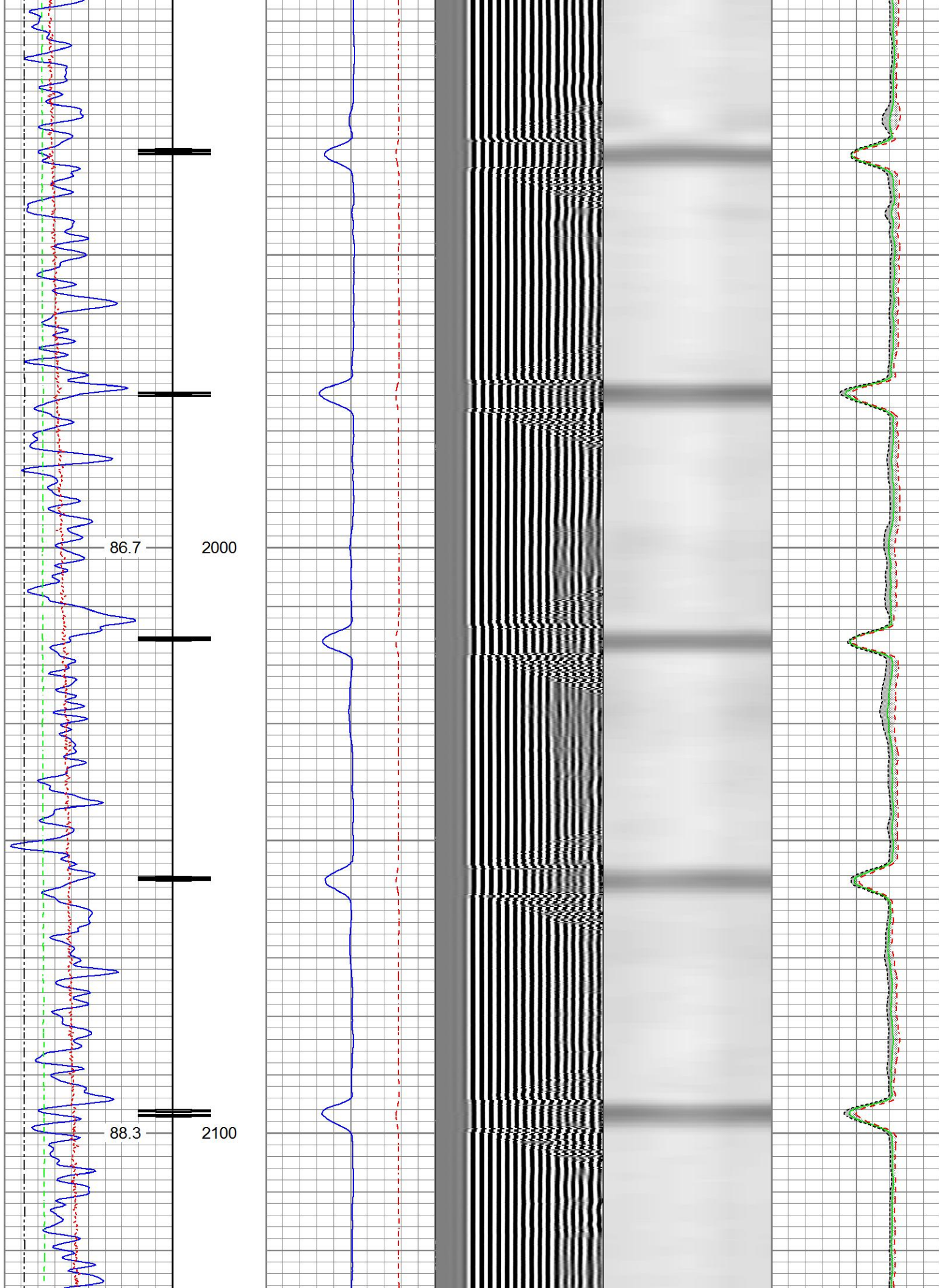


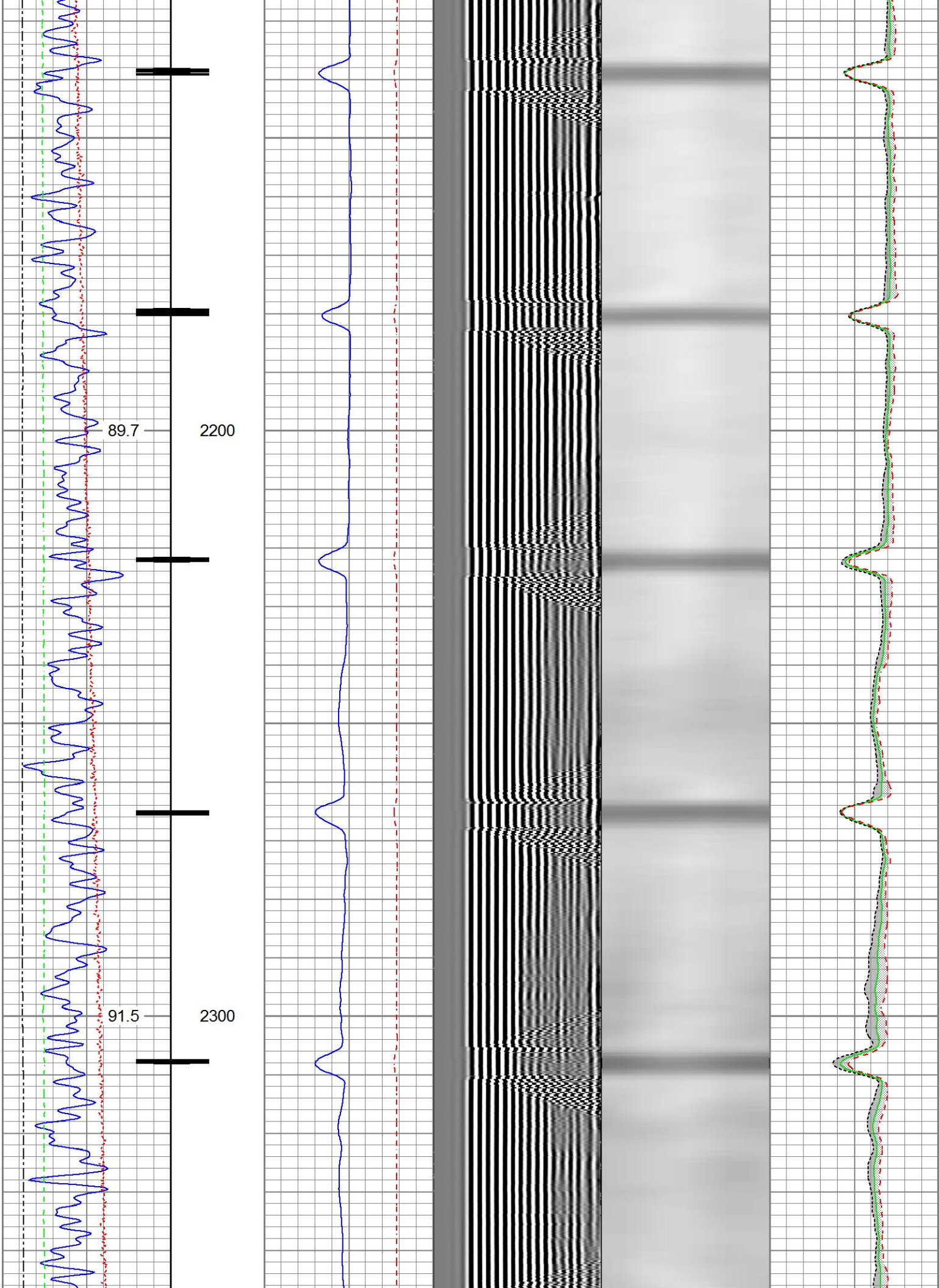


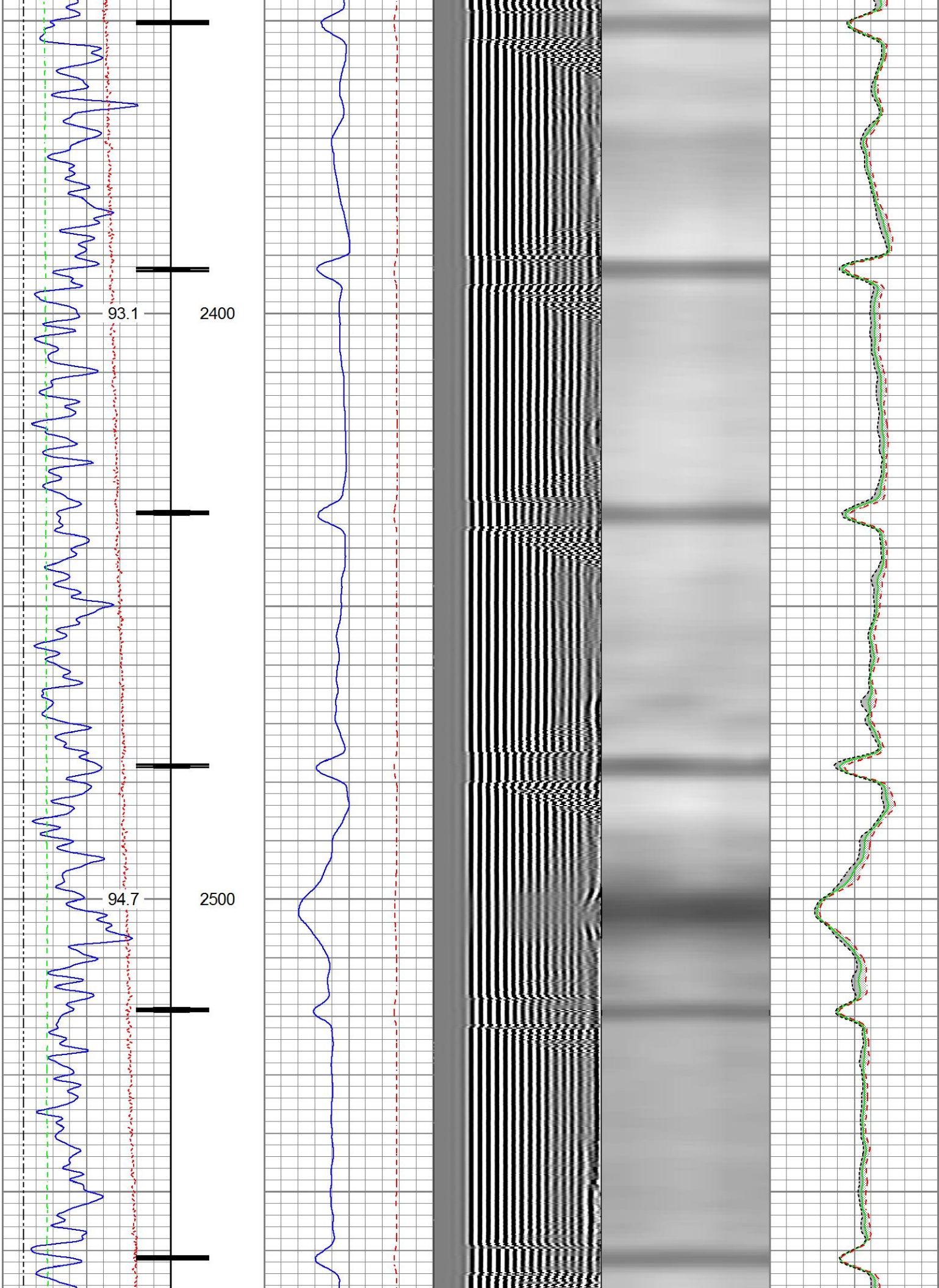


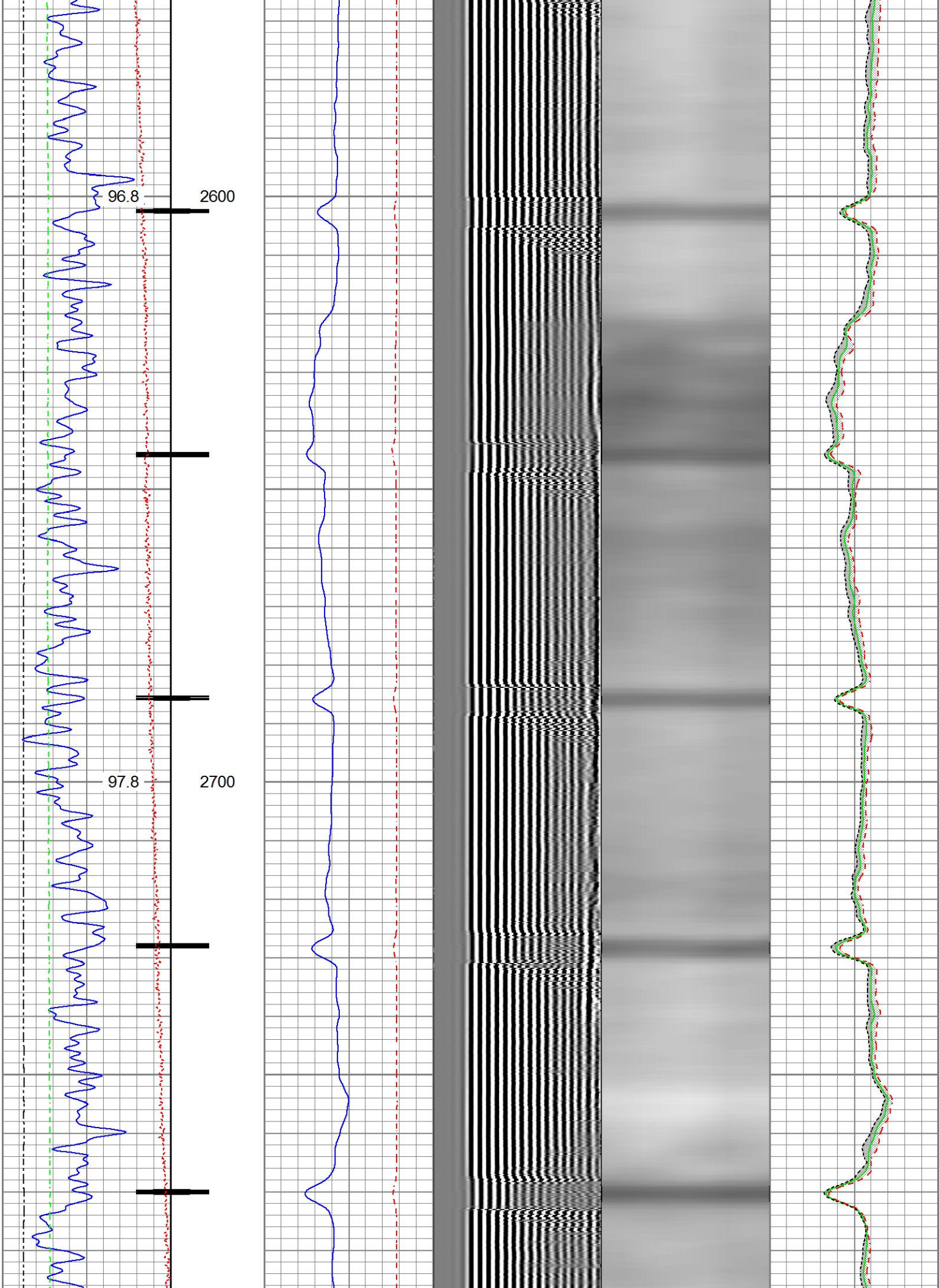


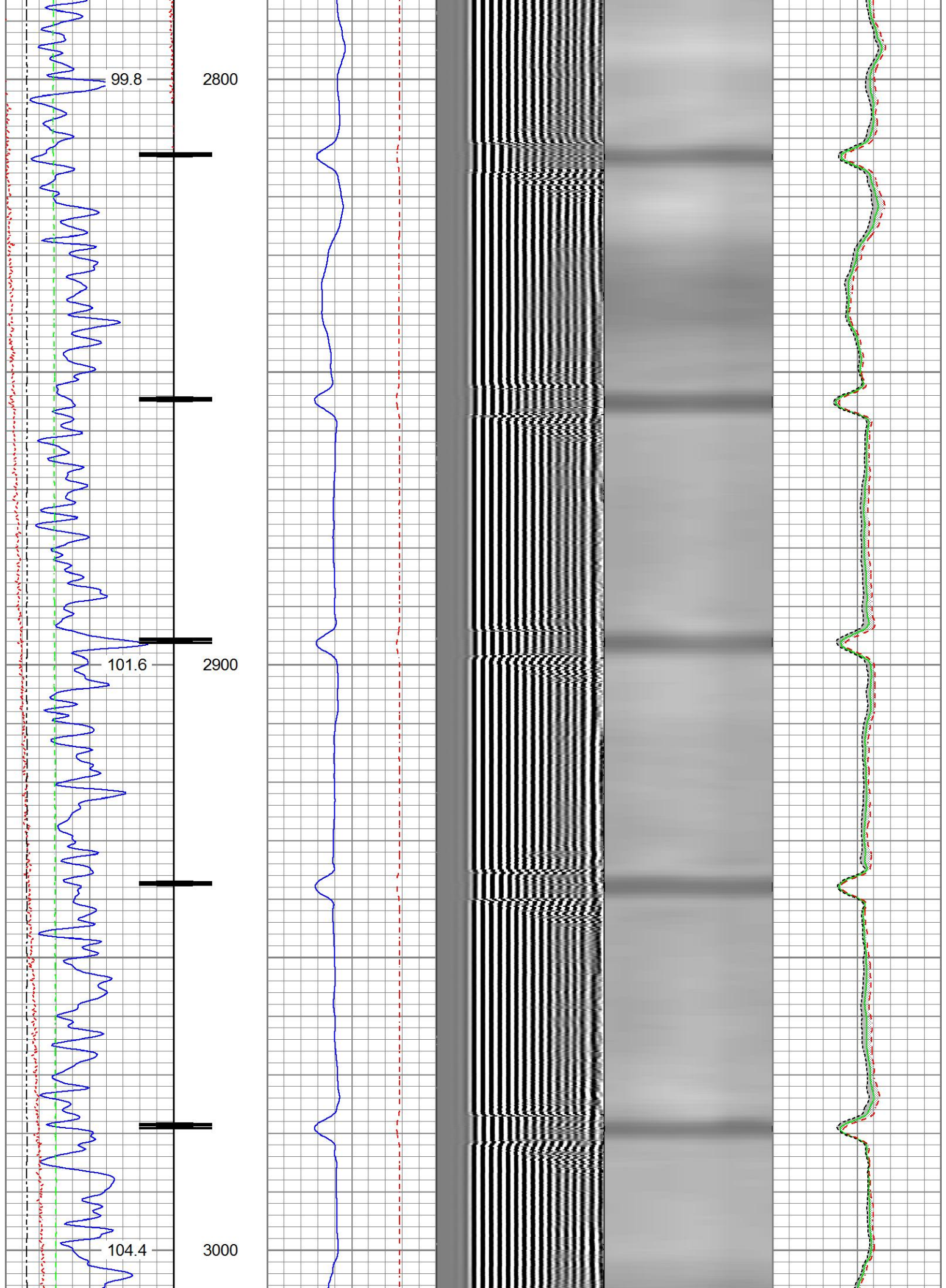


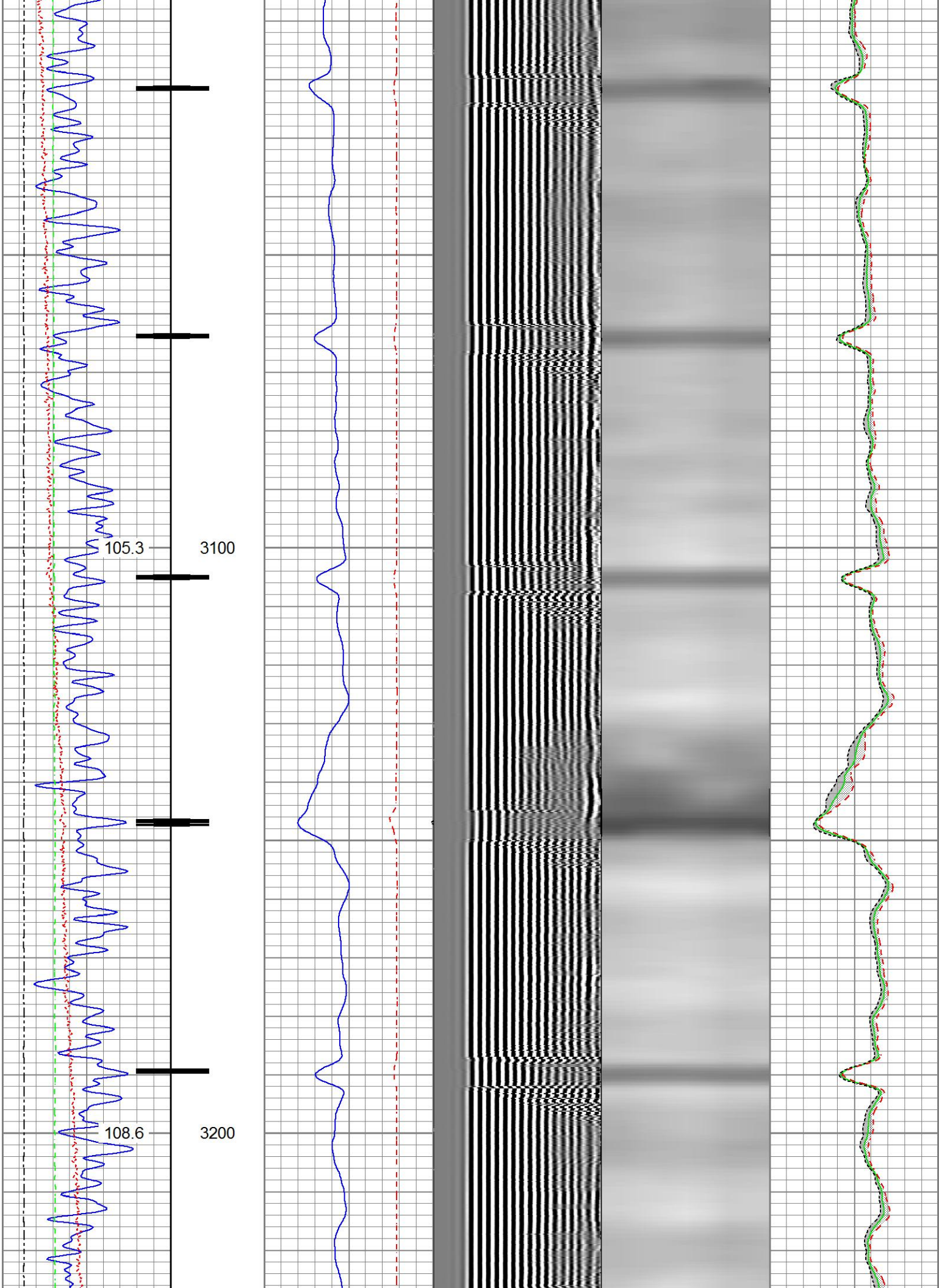


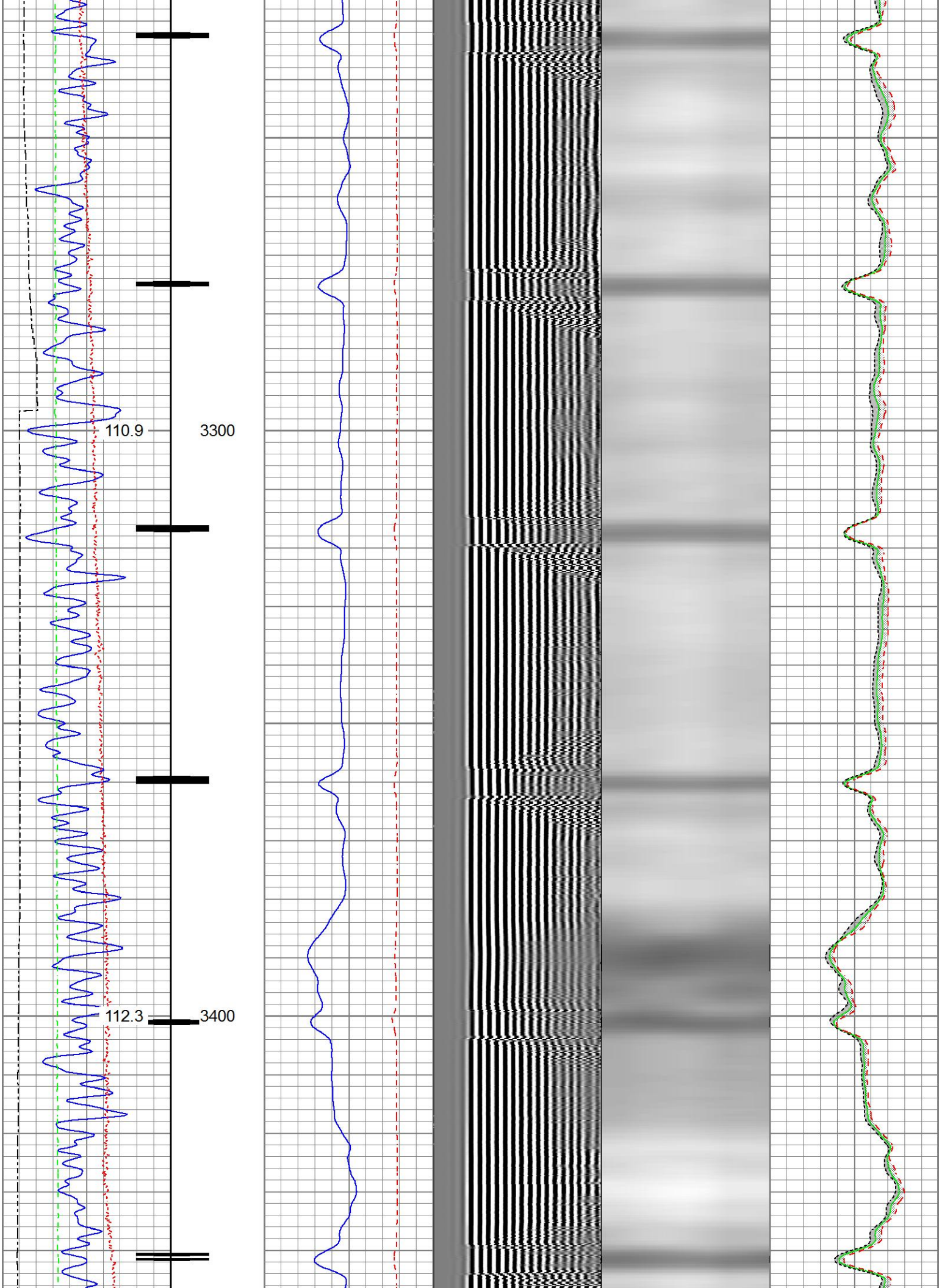


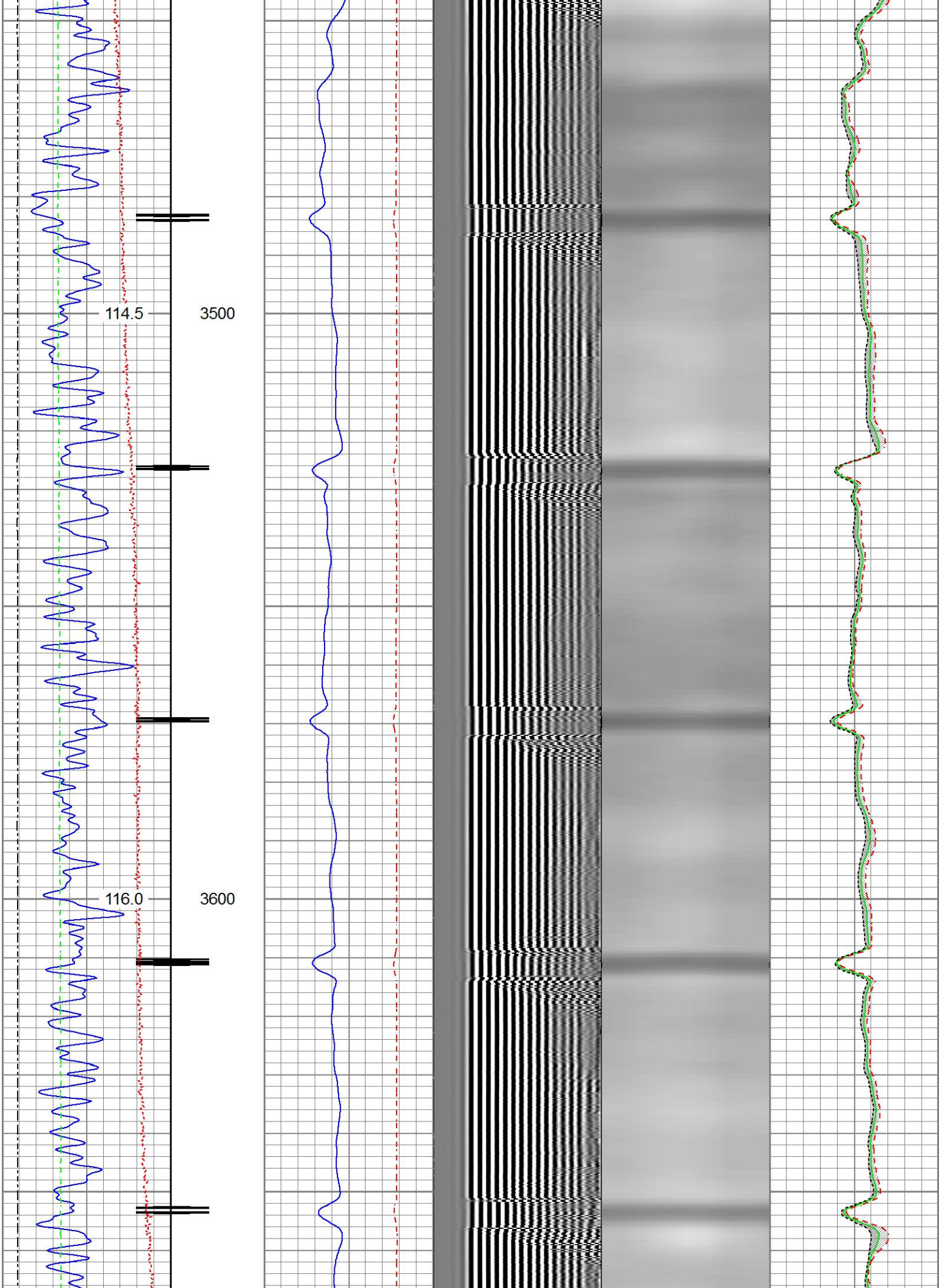


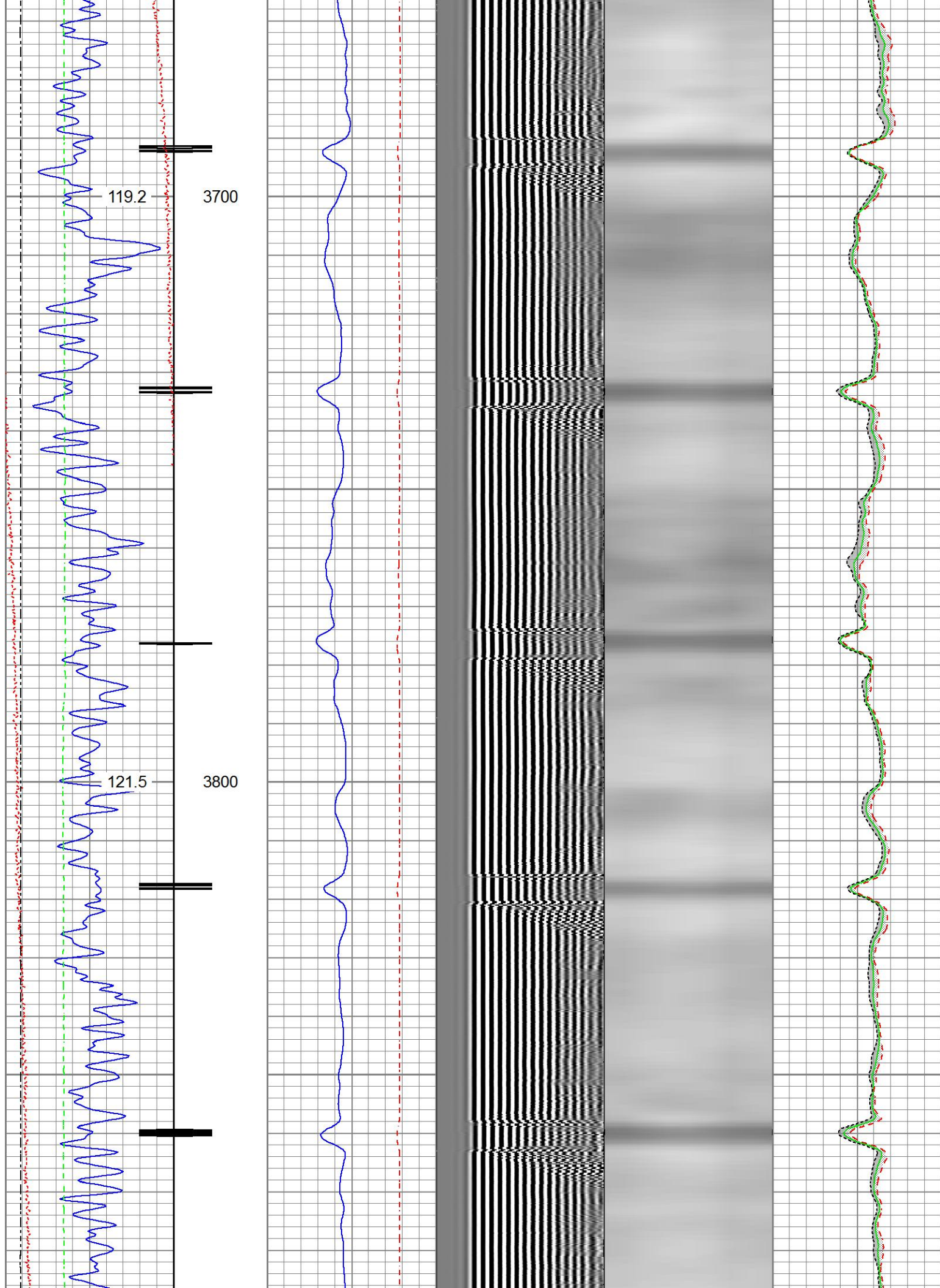


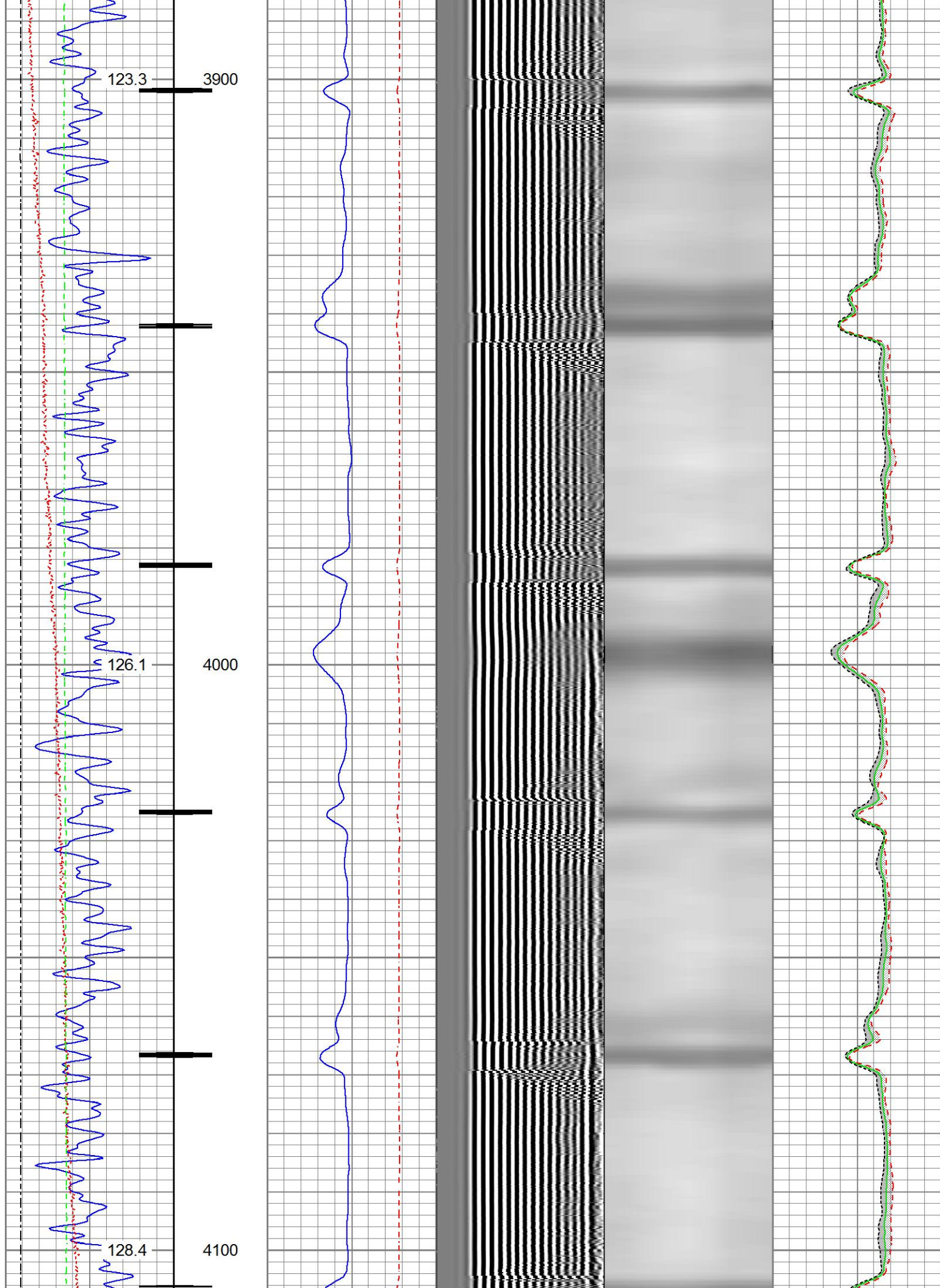


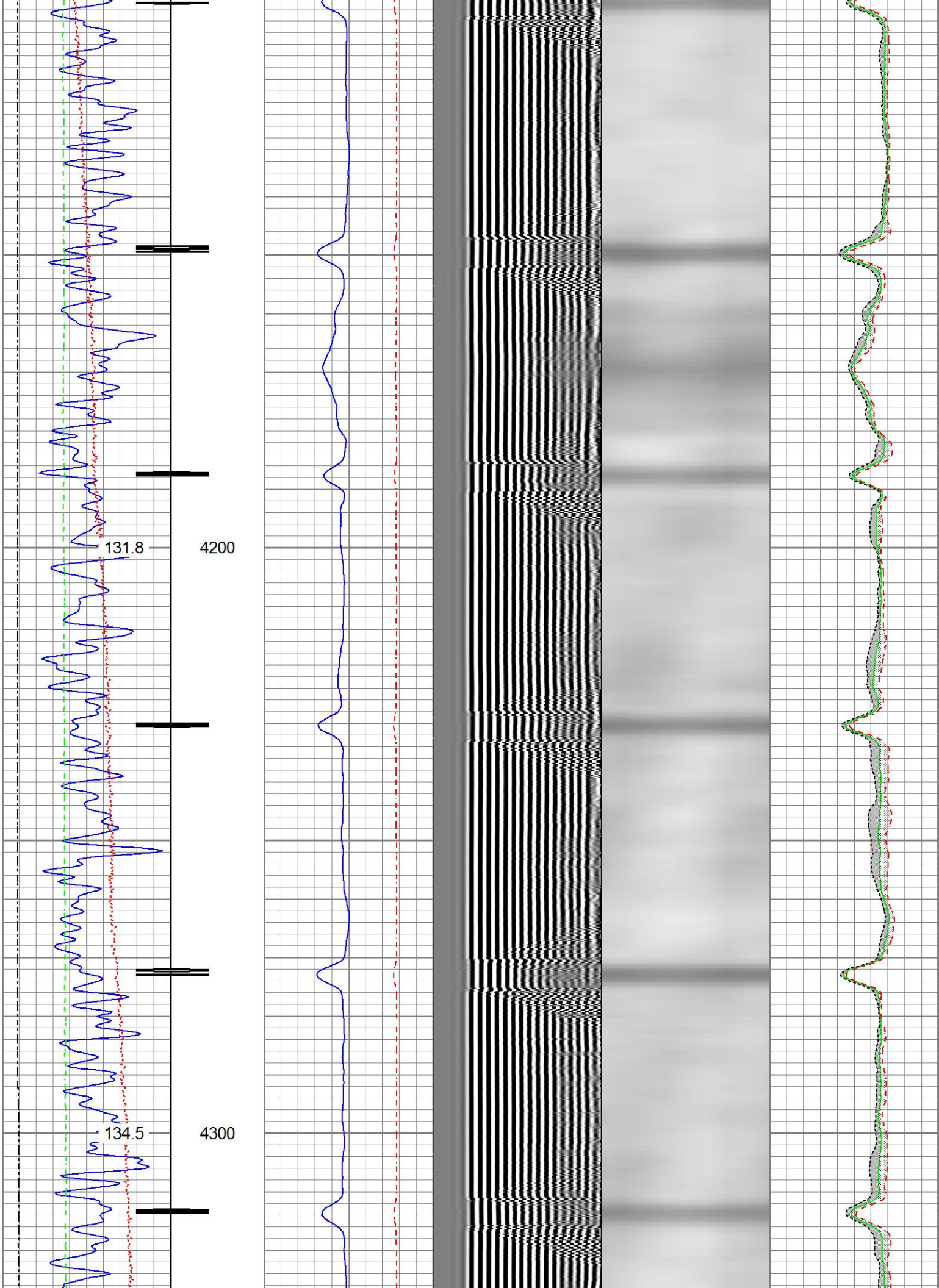


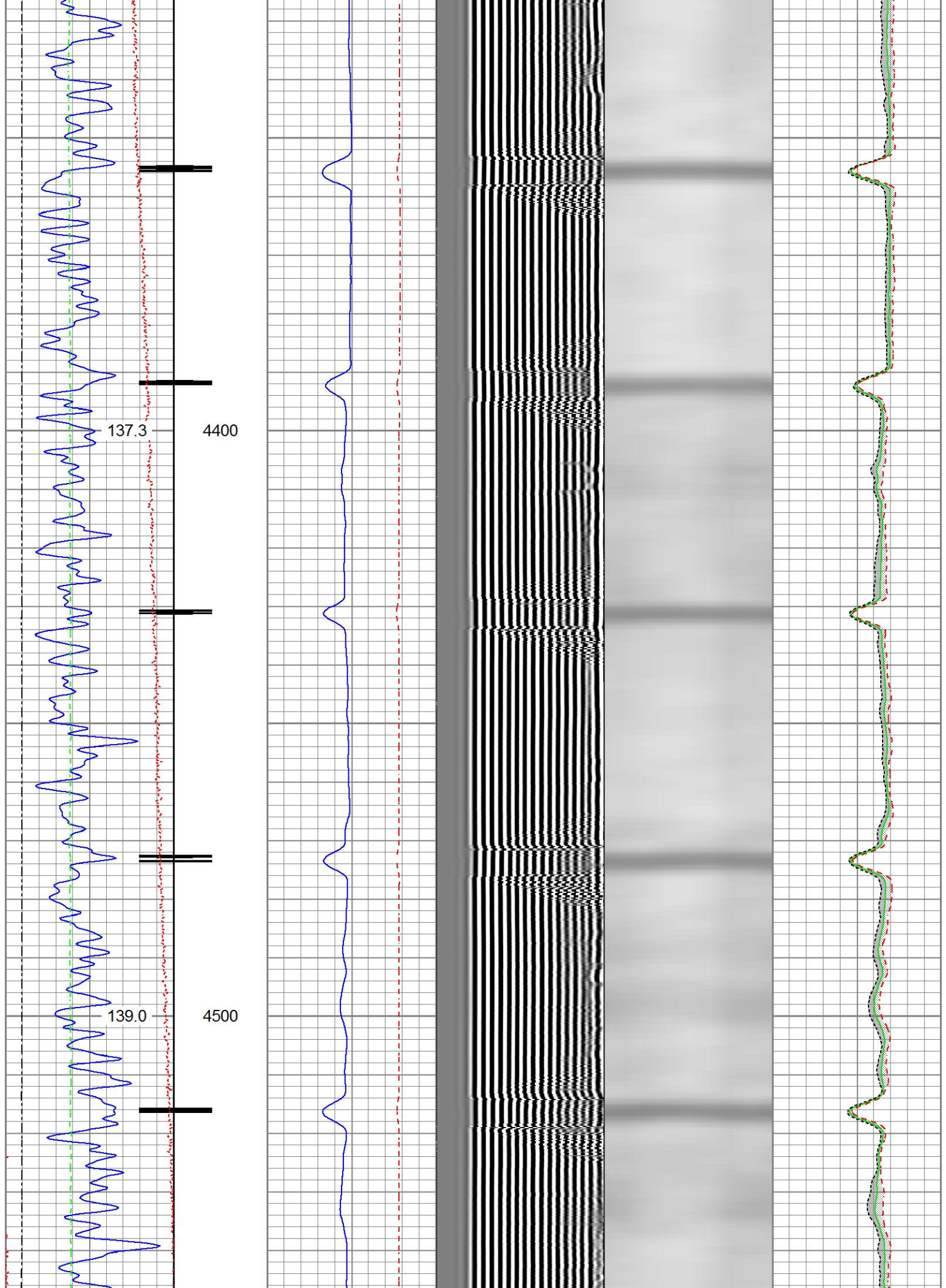


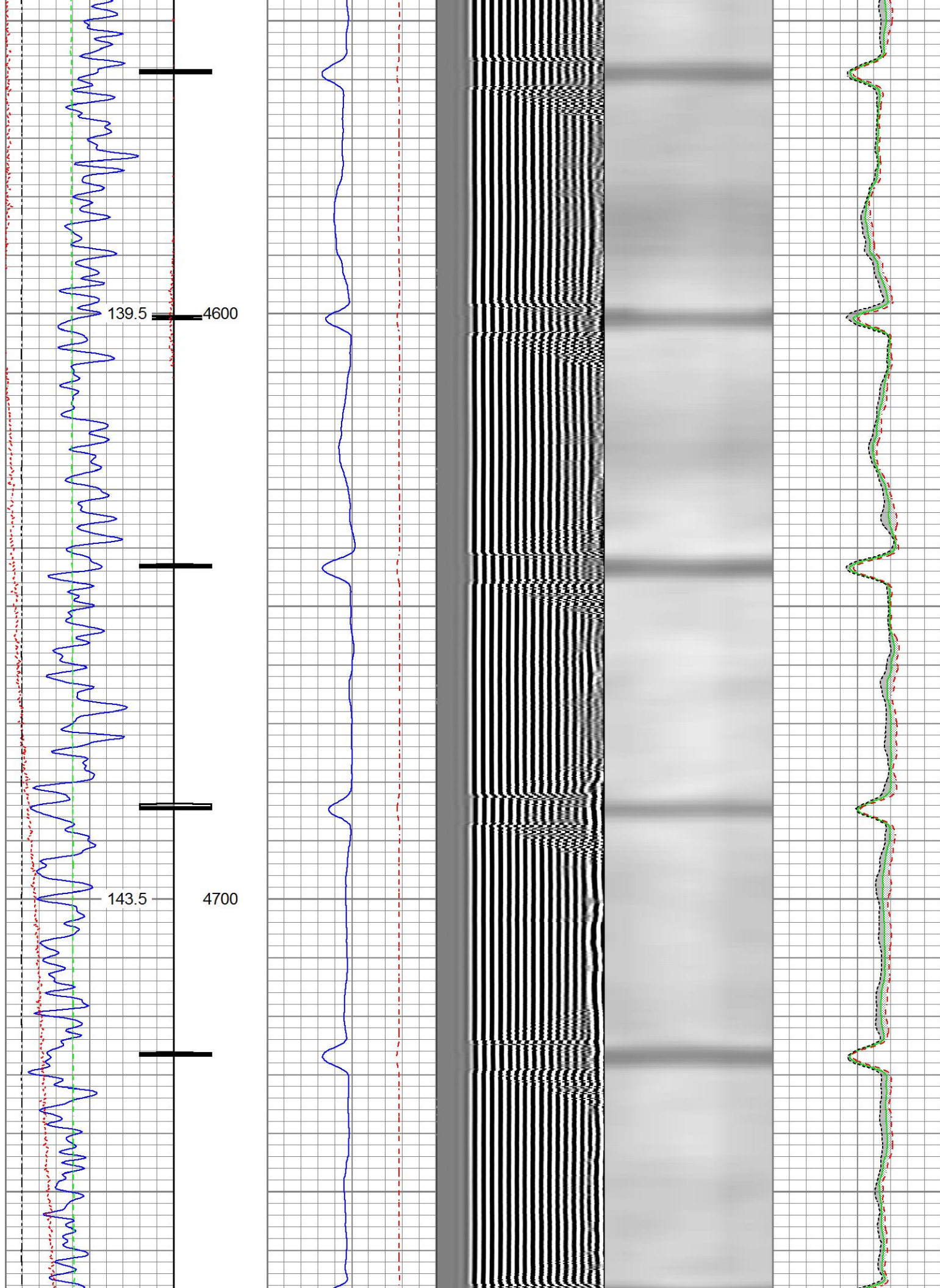


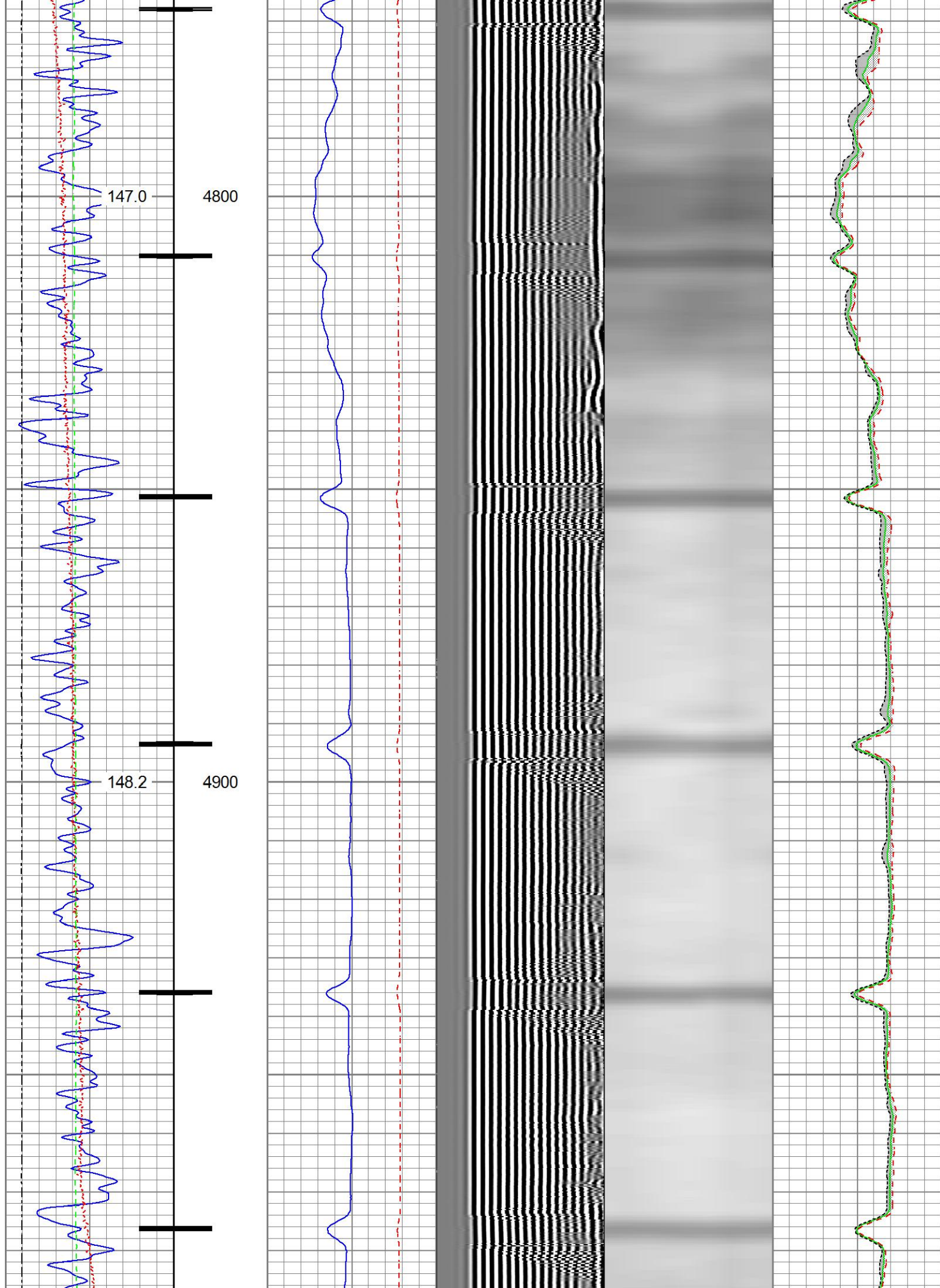


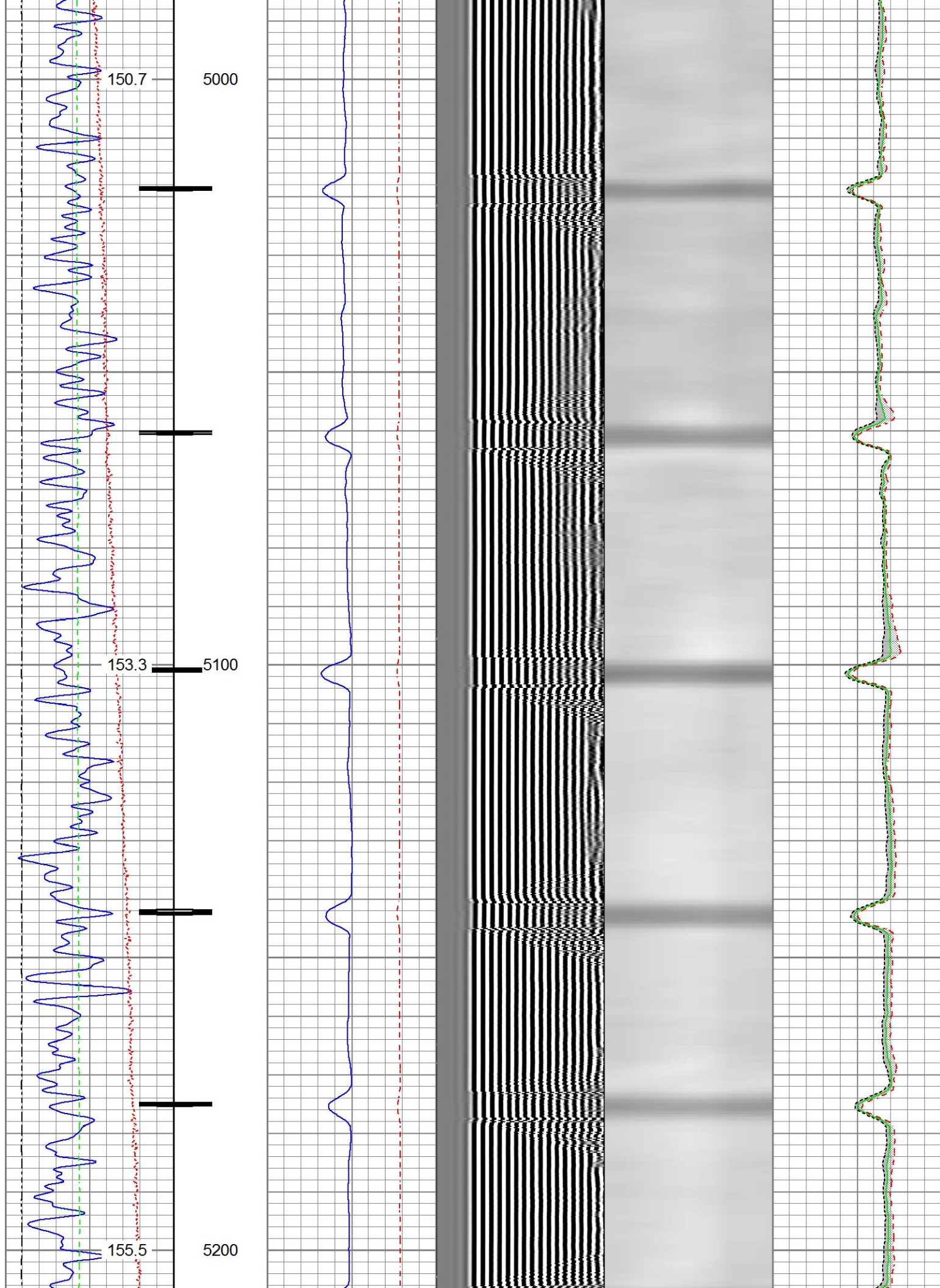


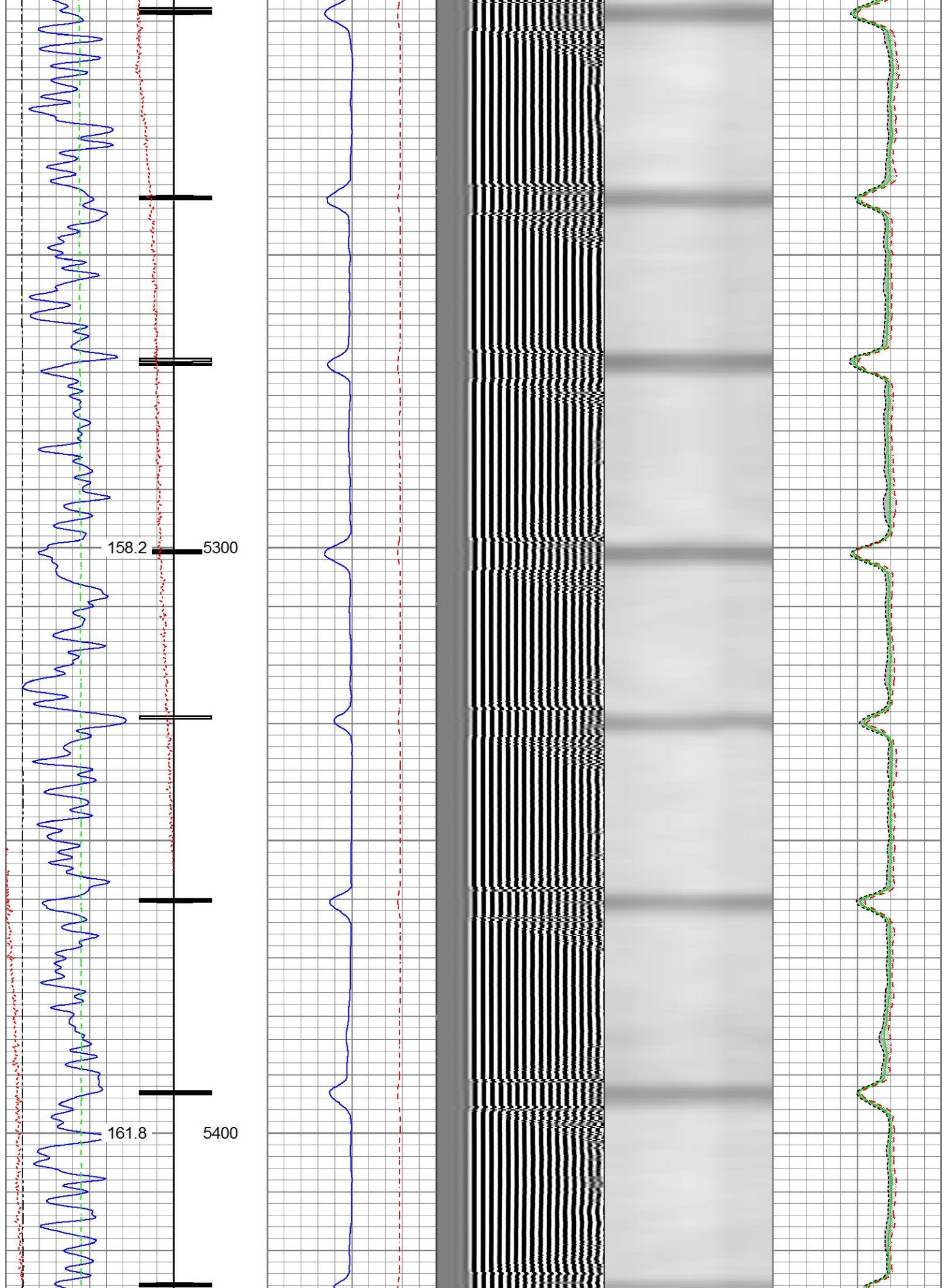


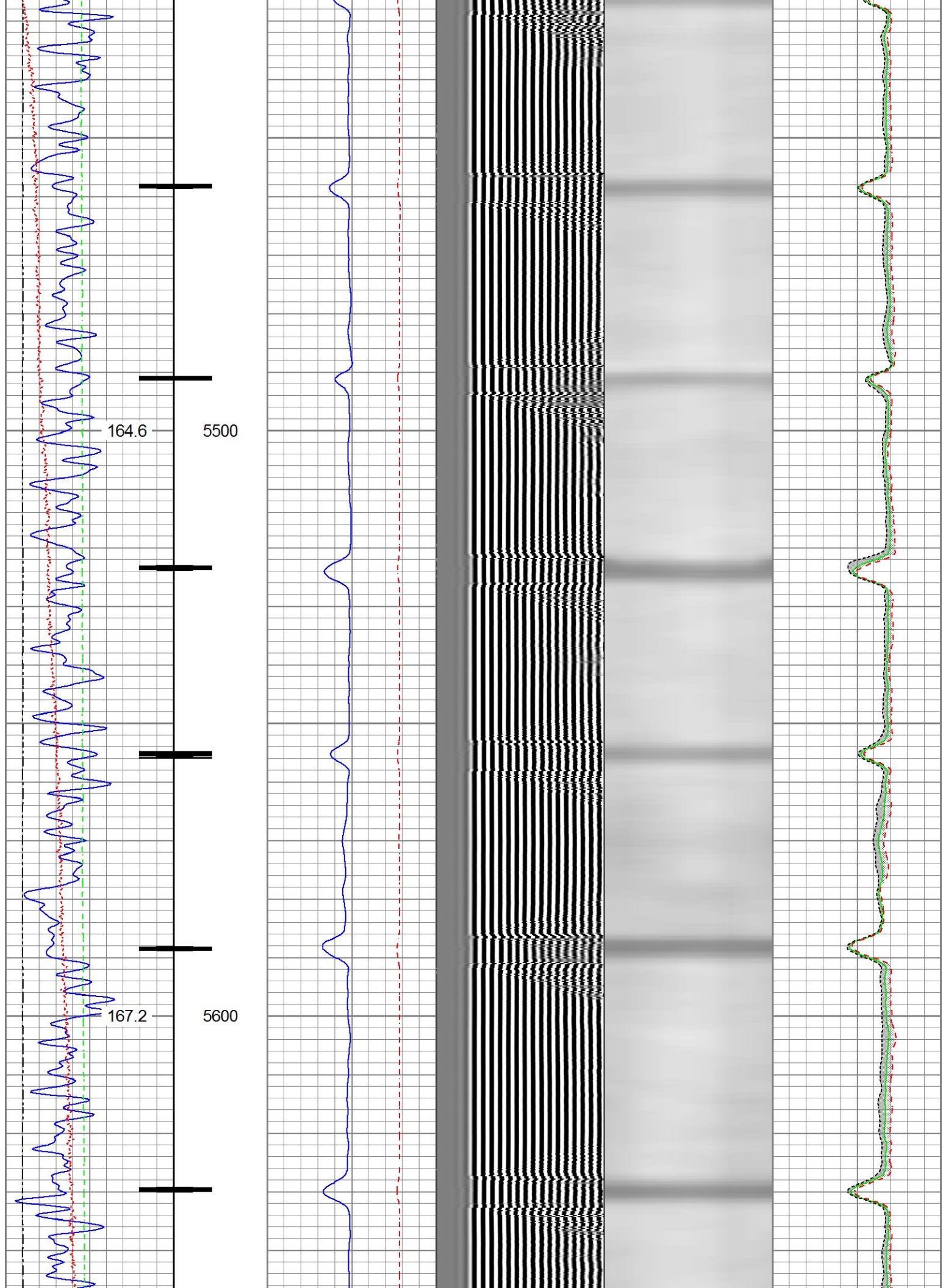


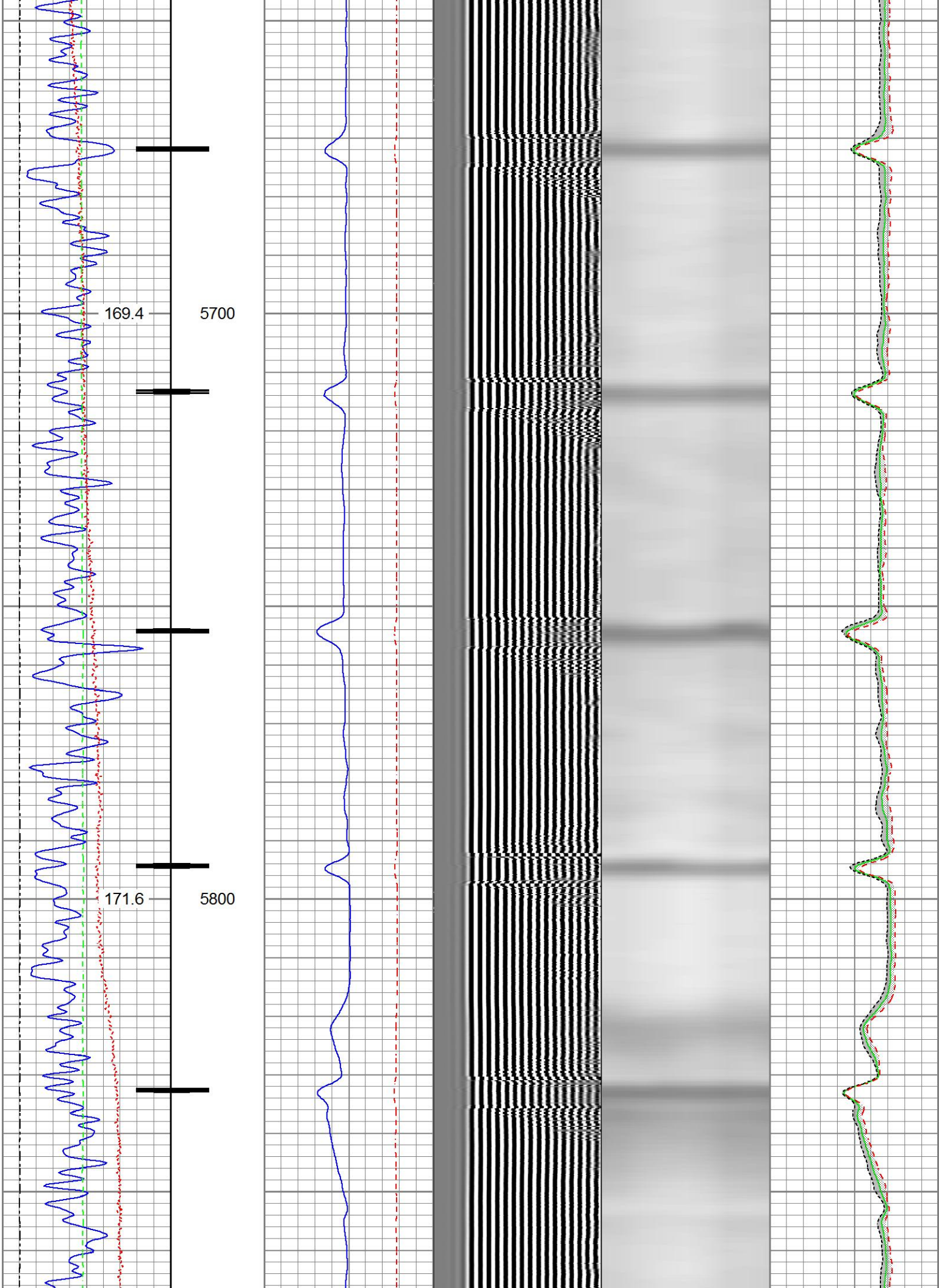


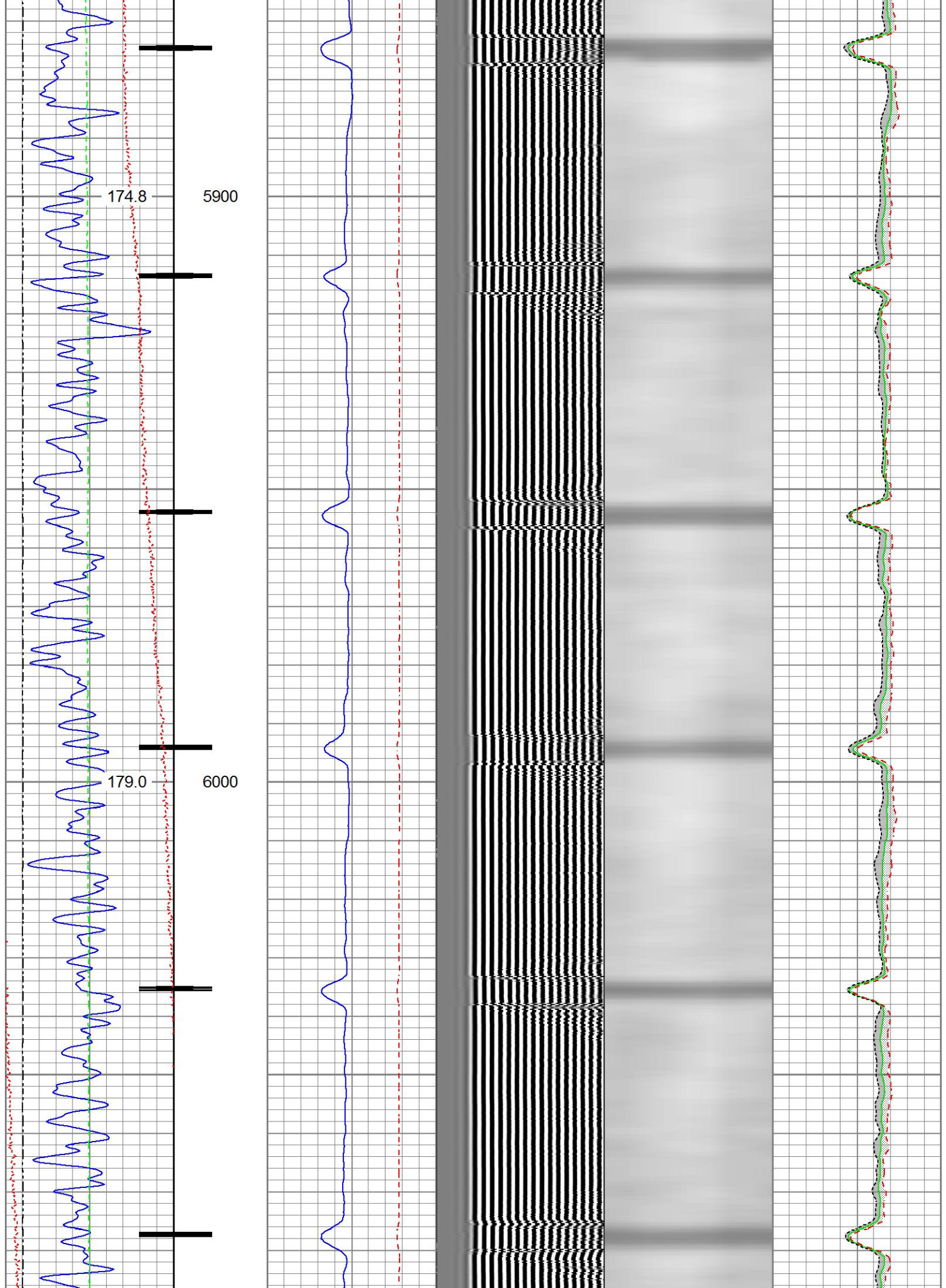


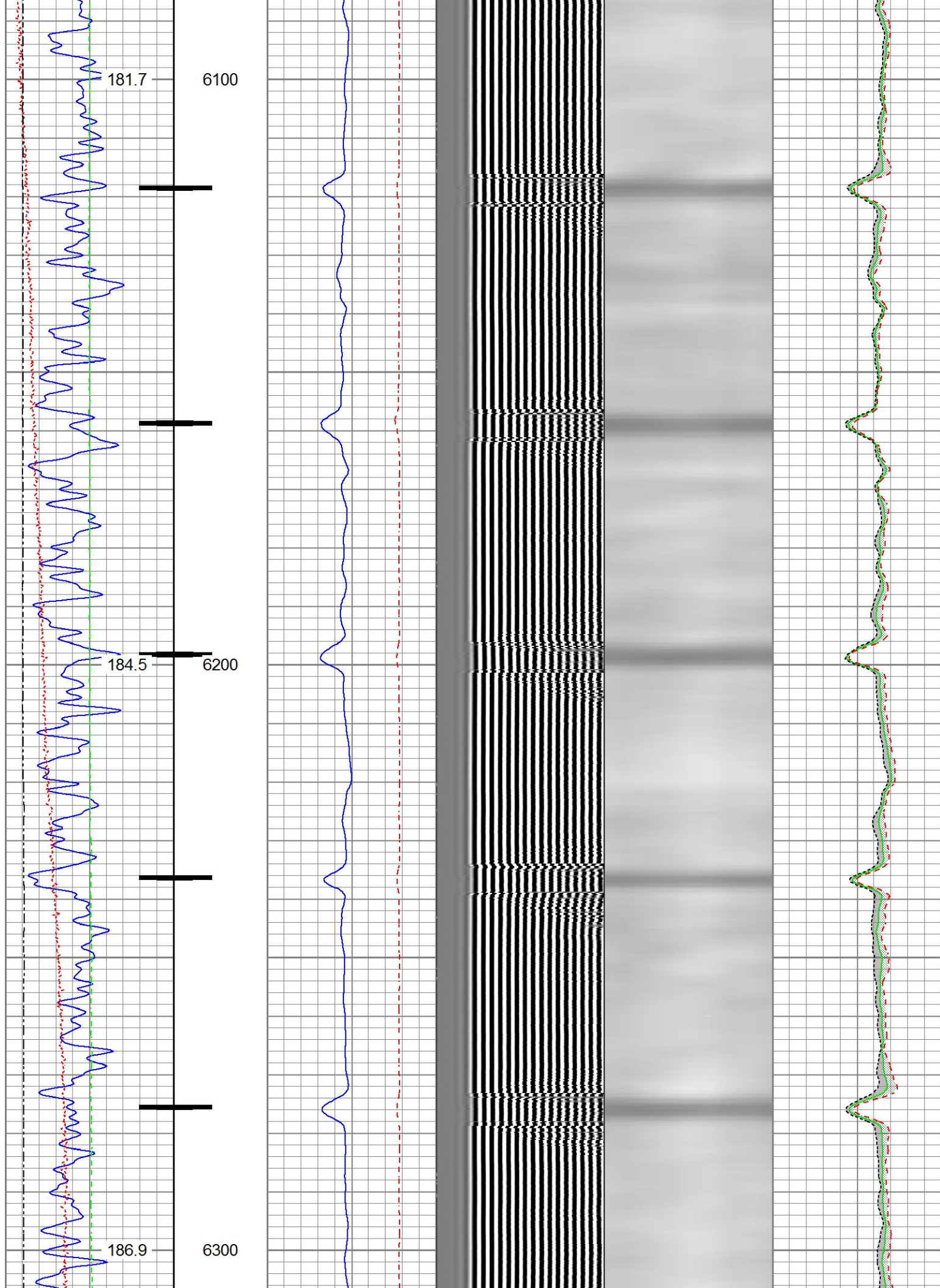


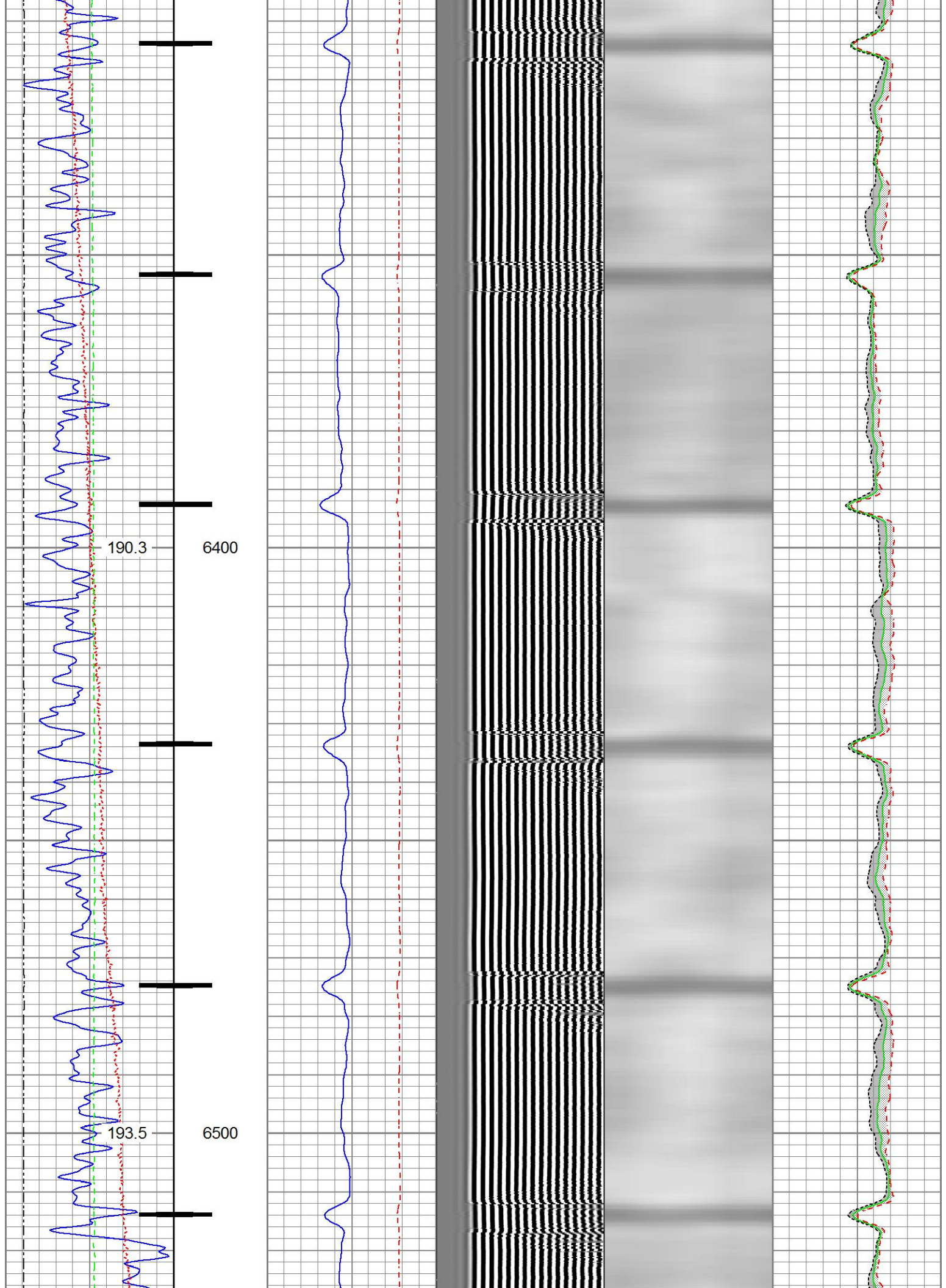


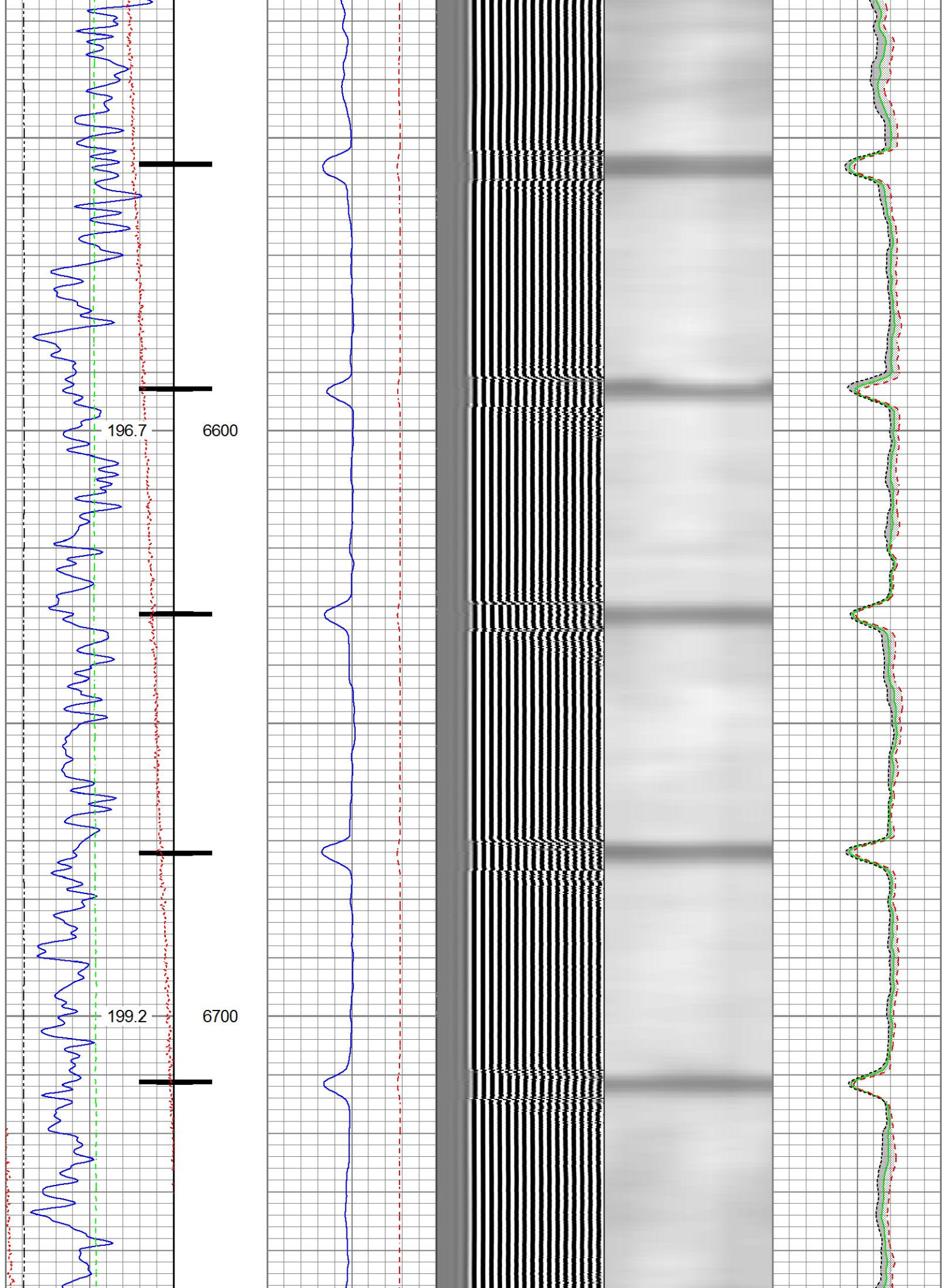


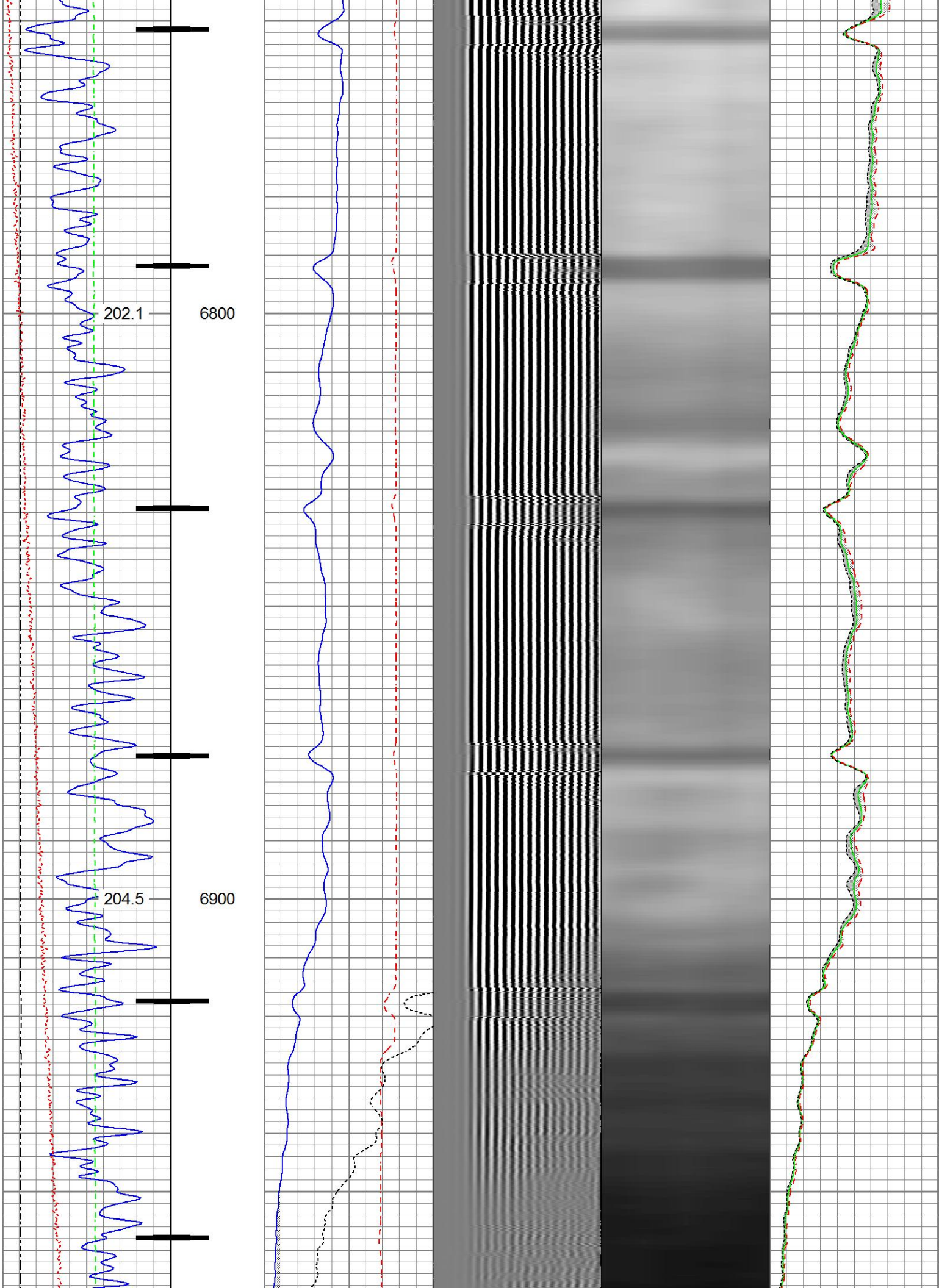


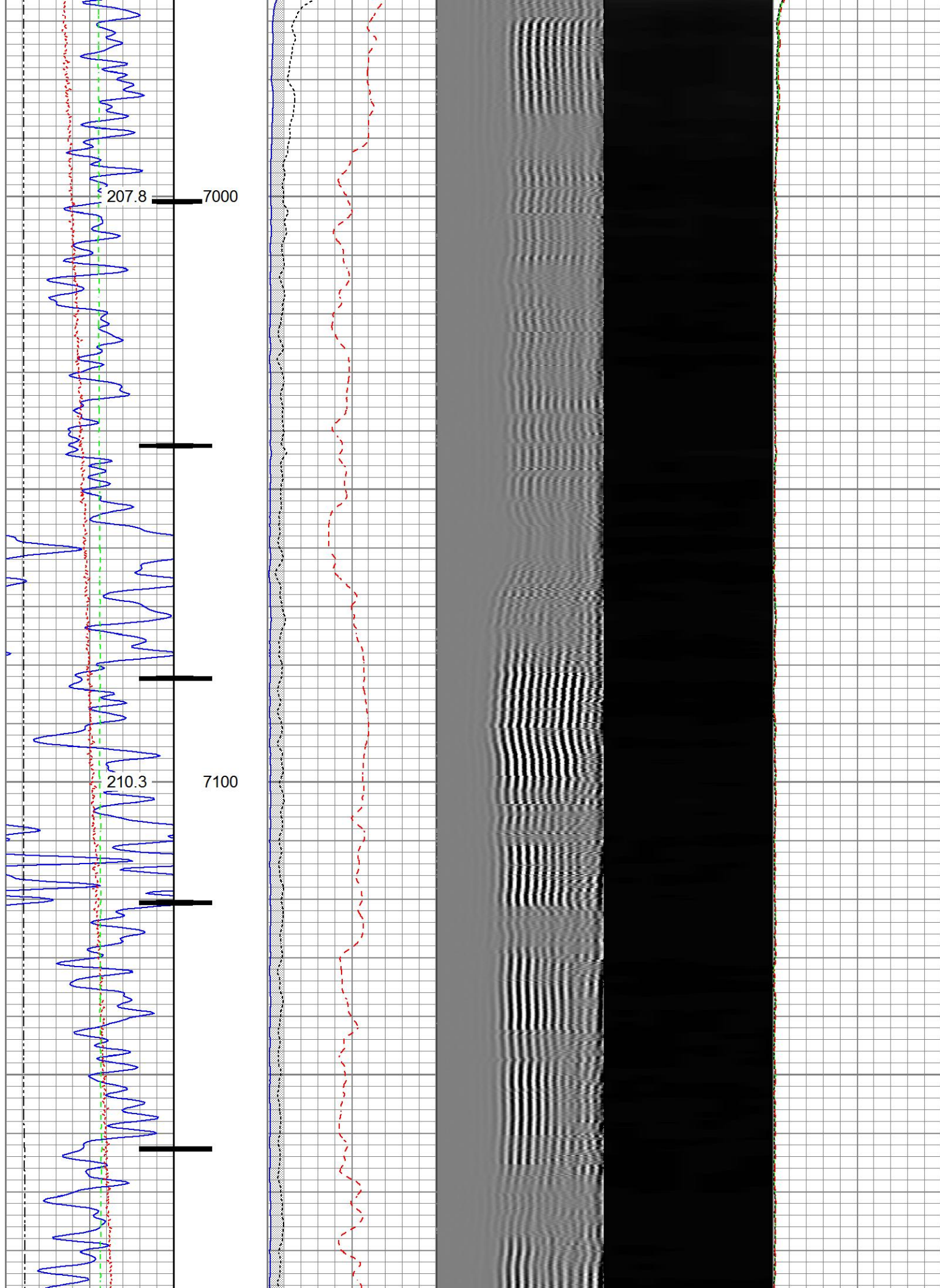


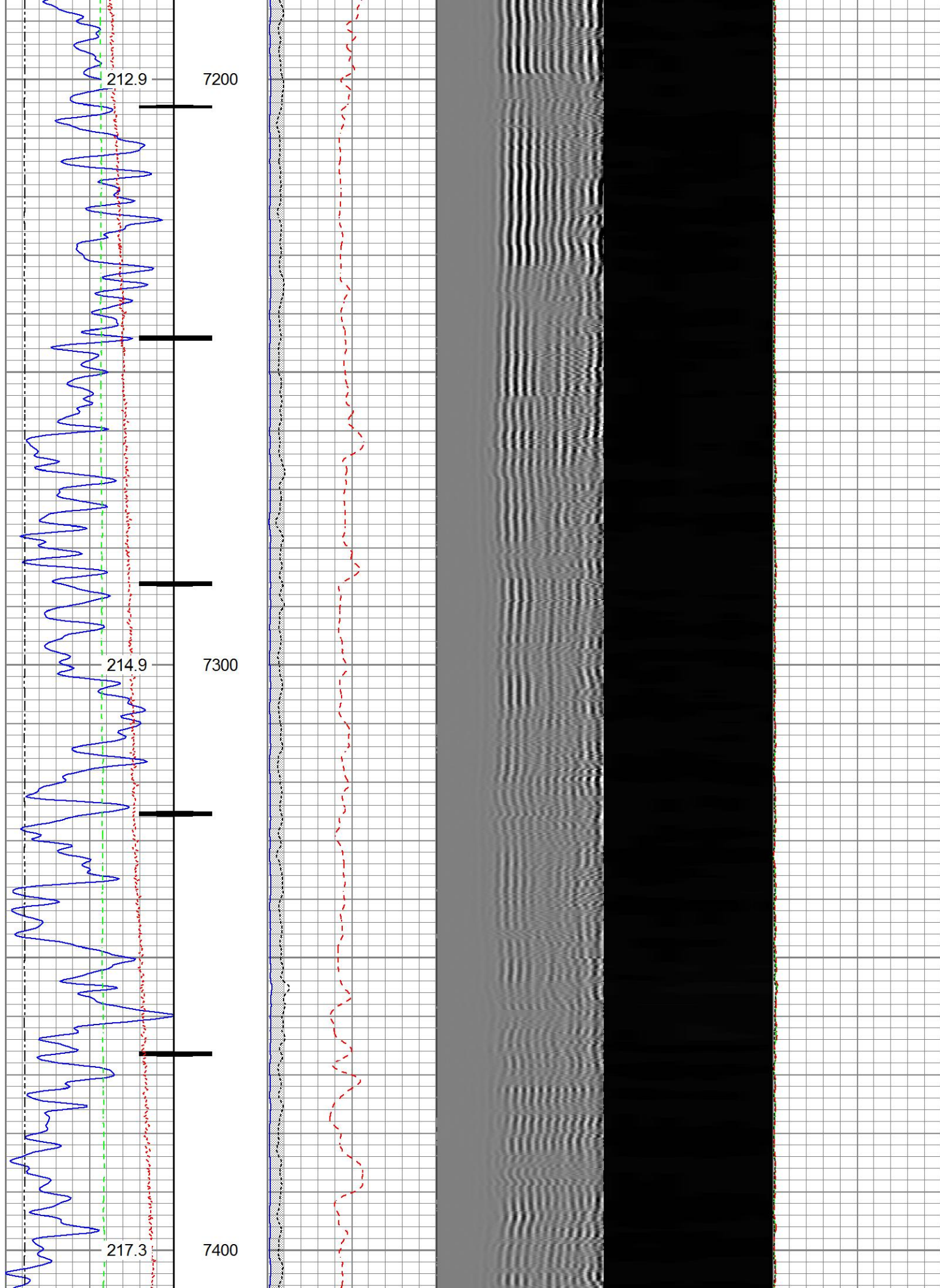


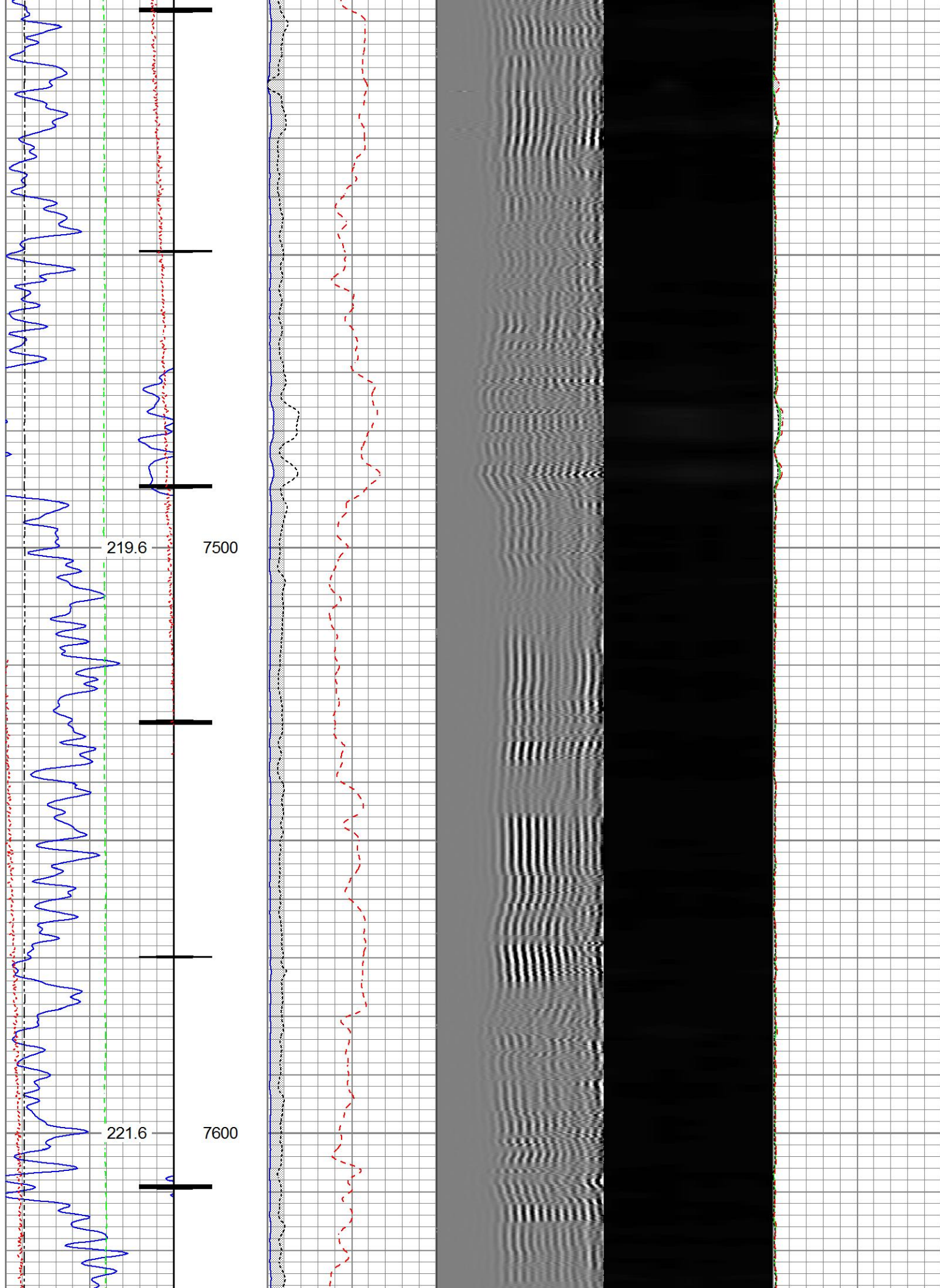


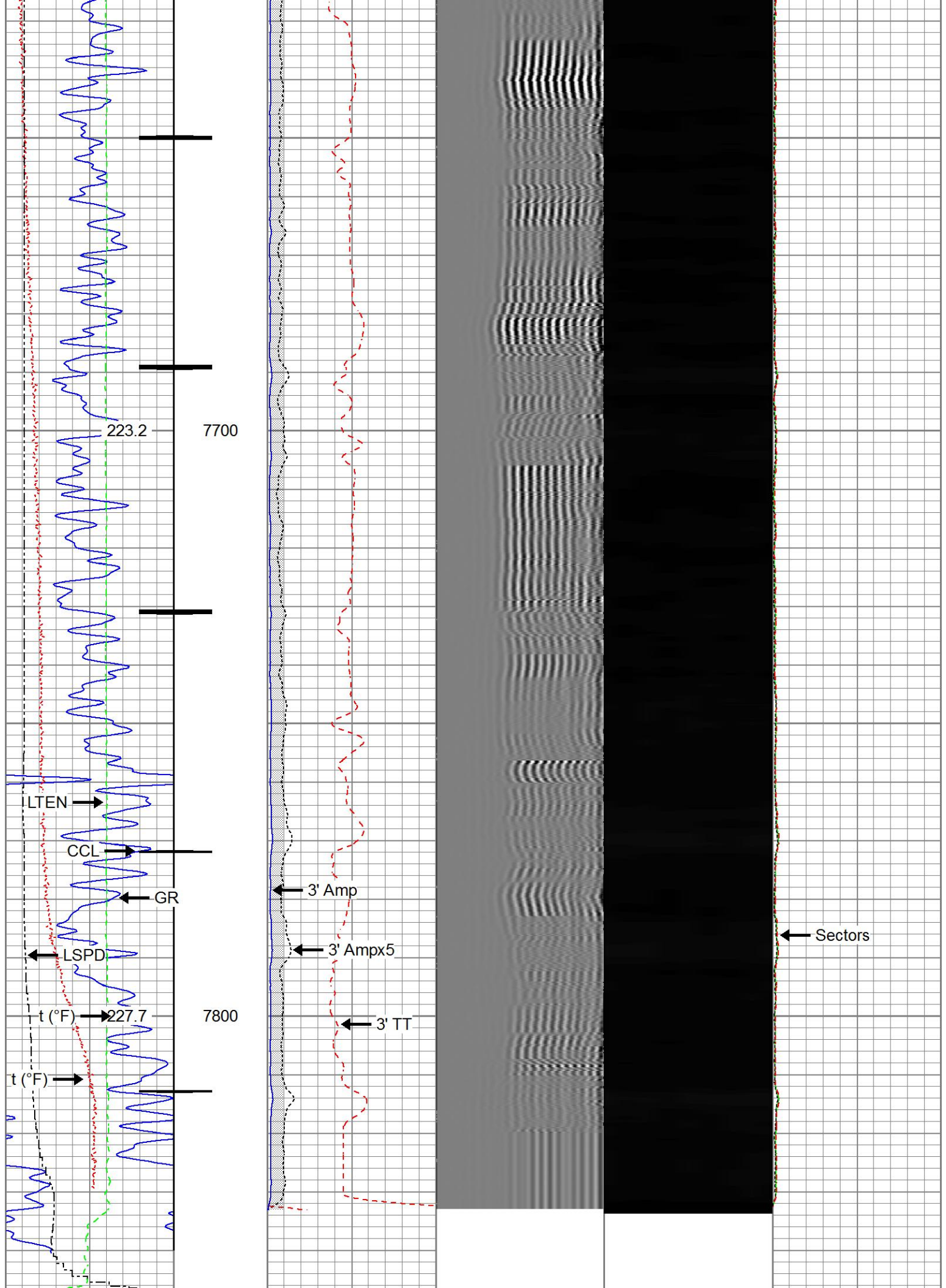












Gamma Ray		3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
30 (GAPI) 130		0 (mV) 100	200 1200		0 100
Casing Collar Locator		3' Amplitude x 5			Minimum Amplitude
Temperature		0 (mV) 20			0 100
0 (degF) 20		3' Travel Time			Maximum Amplitude
Line Speed		650 (usec) 150			0 100
-150 (ft/min) 150					
Line Tension					
0 (lb) 2000					

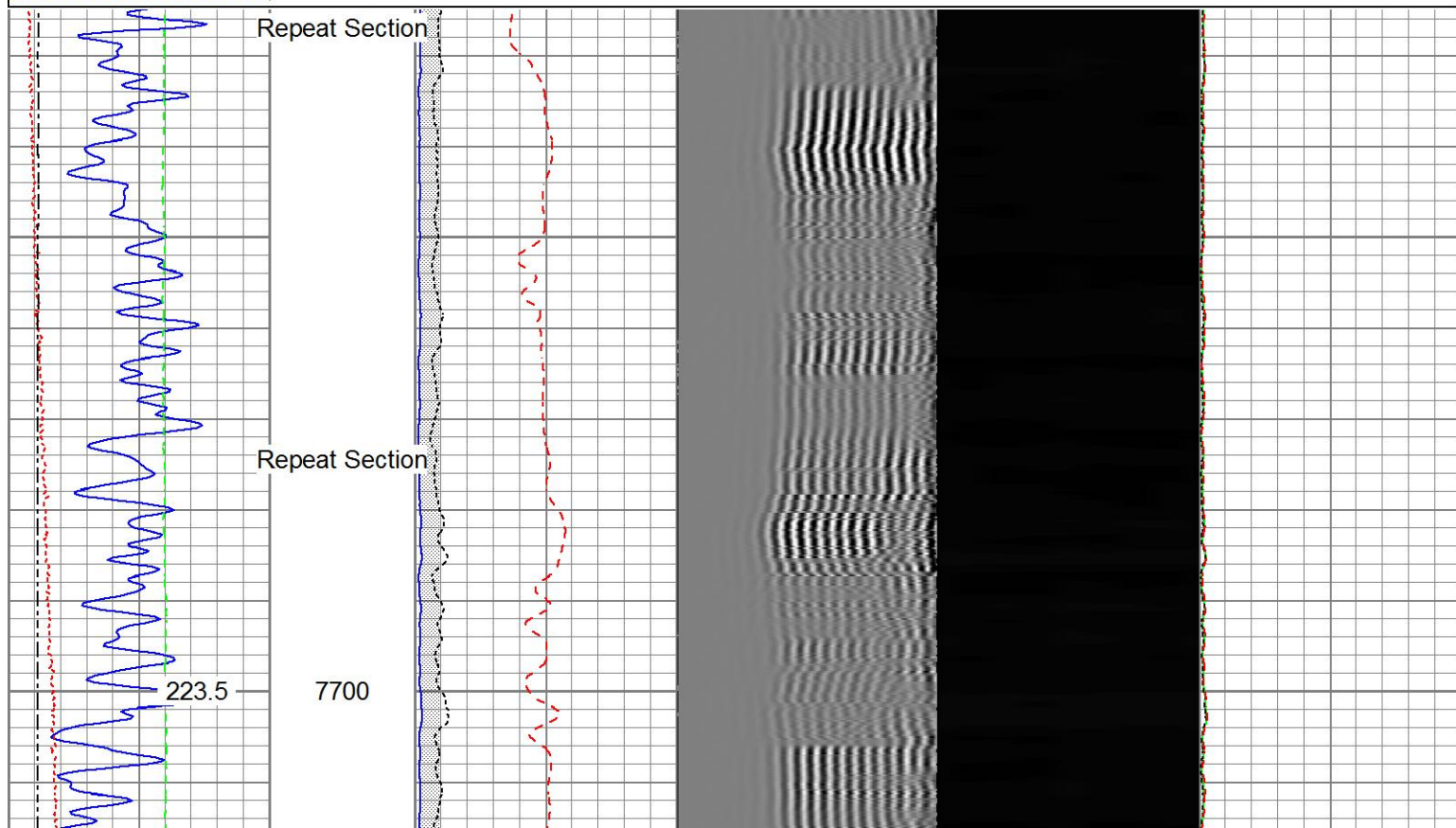


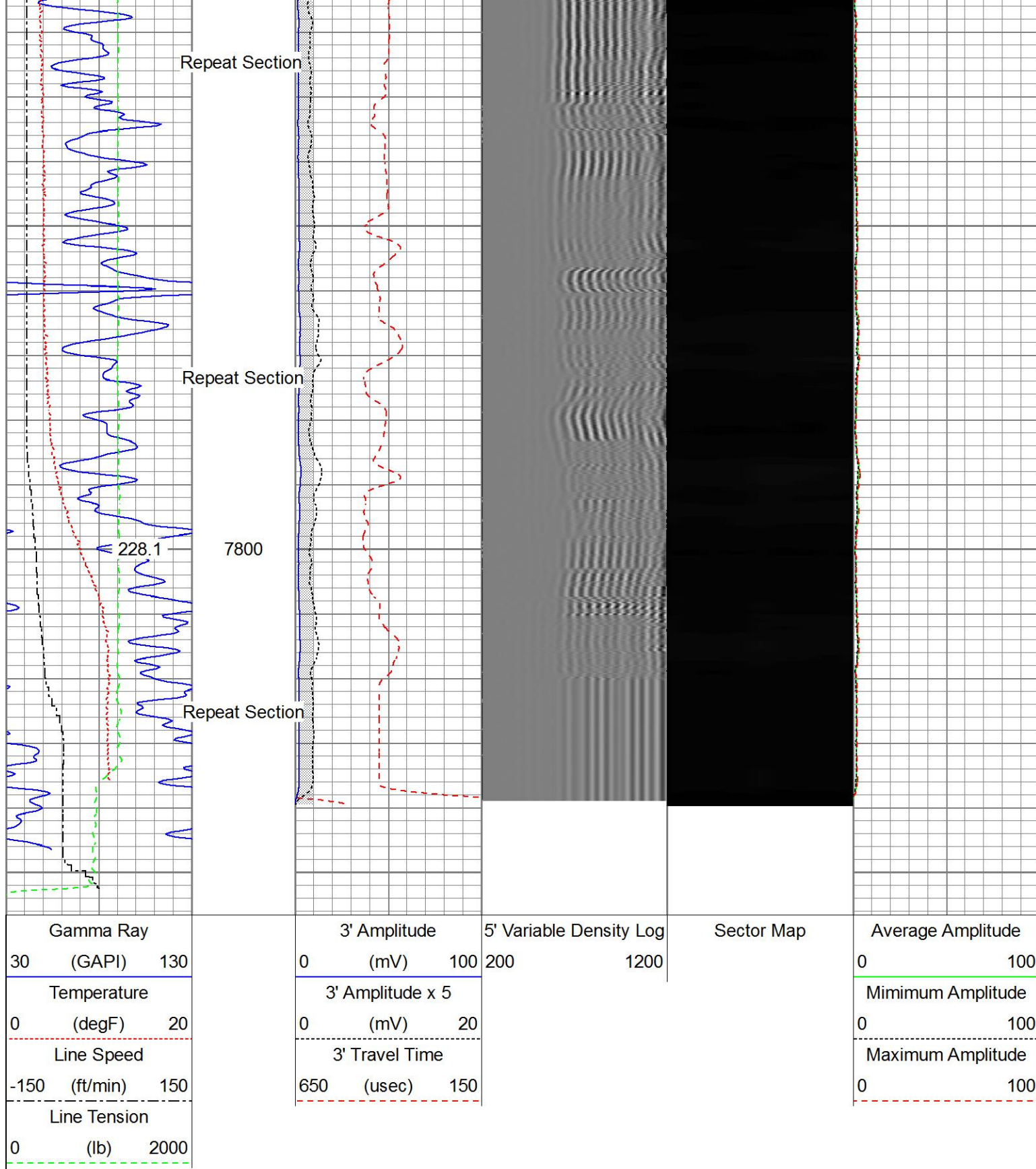
Repeat Section

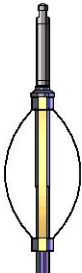
Recorded With -0- PSI Surface Induced Pressure

Database File processed_0500107379_anadarko_champlin 78 amoco d1_06-29-16_rbl_w8.db
Dataset Pathname pass2
Presentation Format ros_radrii_vert
Dataset Creation Wed Jun 29 12:14:29 2016
Charted by Depth in Feet scaled 1:240

Gamma Ray		3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
30 (GAPI) 130		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	Length (ft)	O.D. (in)	Weight (lb)
			Titan_Electric_Cable_Heads-Titan_1-11/161.03 Electric Cable Head with 1" Fishing Neck	1.69	1.69	5.40
			Probe_ELine_BowSpring_Centralizer-P Probe 2-3/4" Electric Inline Bowspring Centralizer	2.75	2.75	20.00

HeadVolt	19.51				
Temp	16.72				
WVFS8	14.55		Probe_RADII-C-P_RBT_2750 (FW1302-009.19	2.75	105.00
WVFS7	14.55		Probe 2-3/4" Sector Cement Bond Tool with		
WVFS6	14.55		Temperature Probe		
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				
			Probe_ELine_BowSpring_Centralizer-P_EE2.88.275	2.75	20.00
			Probe 2-3/4" Electric Inline Bowspring Centralizer		
DCCL	6.51				
CCL	6.51				
			Probe_GR_CCL-P_CGR_2750_S (FW1214.543)	2.75	55.00
			Probe 2-3/4" Digital CCL / Gamma Ray		
GR	3.77				
			Probe_ELine_BowSpring_Centralizer-P_EE2.88.275	2.75	20.00
			Probe 2-3/4" Electric Inline Bowspring Centralizer		
Dataset:	PROCESSED_0500107379_Anadarko_Champplin 78 Amoco D1 _06-29-16_RBL_w8.db: field/well/run1/pass4				
Total length:	23.40 ft				
Total weight:	225.40 lb				
O.D.:	2.75 in				

Calibration Report	
Database File	PROCESSED_0500107379_Anadarko_Champplin 78 Amoco D1 _06-29-16_RBL_w8.db
Dataset Pathname	pass4
Dataset Creation	Wed Jun 29 12:22:26 2016
Gamma Ray Calibration Report	
Serial Number:	FW1212-026

Tool Model: P_CGR_2750_S
Performed: Sat Feb 06 11:32:54 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: FW1302-002
Tool Model: P_RBT_2750

Calibration Casing Diameter: 5.500 in
Calibration Depth: 35.739 ft

Master Calibration, performed Wed Jun 29 11:49:48 2016:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.006	0.546	0.800	71.921	131.732	-0.012
CAL	0.006	0.589				
5'	0.006	0.518	0.800	71.921	139.014	-0.038
SUM						
S1	0.006	0.542	0.000	100.000	186.712	-1.130
S2	0.006	0.542	0.000	100.000	186.644	-1.091
S3	0.006	0.540	0.000	100.000	187.079	-1.114
S4	0.006	0.541	0.000	100.000	186.849	-1.122
S5	0.006	0.546	0.000	100.000	185.084	-1.096
S6	0.006	0.547	0.000	100.000	184.800	-1.099
S7	0.006	0.551	0.000	100.000	183.673	-1.137
S8	0.006	0.549	0.000	100.000	184.289	-1.143

Internal Reference Calibration, performed Wed Jun 29 11:50:52 2016:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.006	0.588	0.006	0.589	1.001	-0.000

Air Zero Calibration, performed Wed Jun 29 11:50:06 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	Reliance Oil & Gas Services, L.P.
Well	Champlin 78 Amoco D 1
Field	Wattenberg
County	Adams
State	Colorado