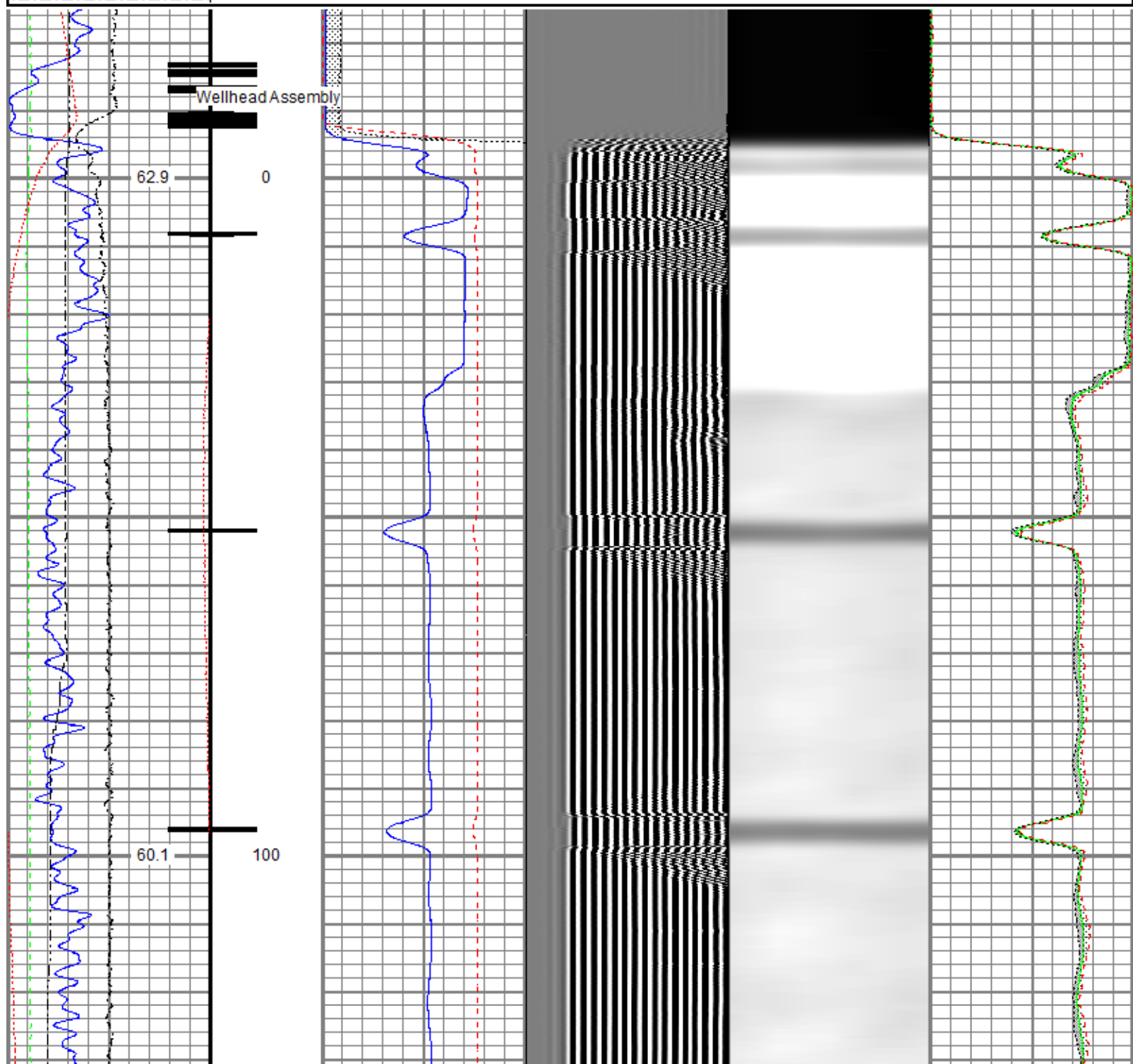
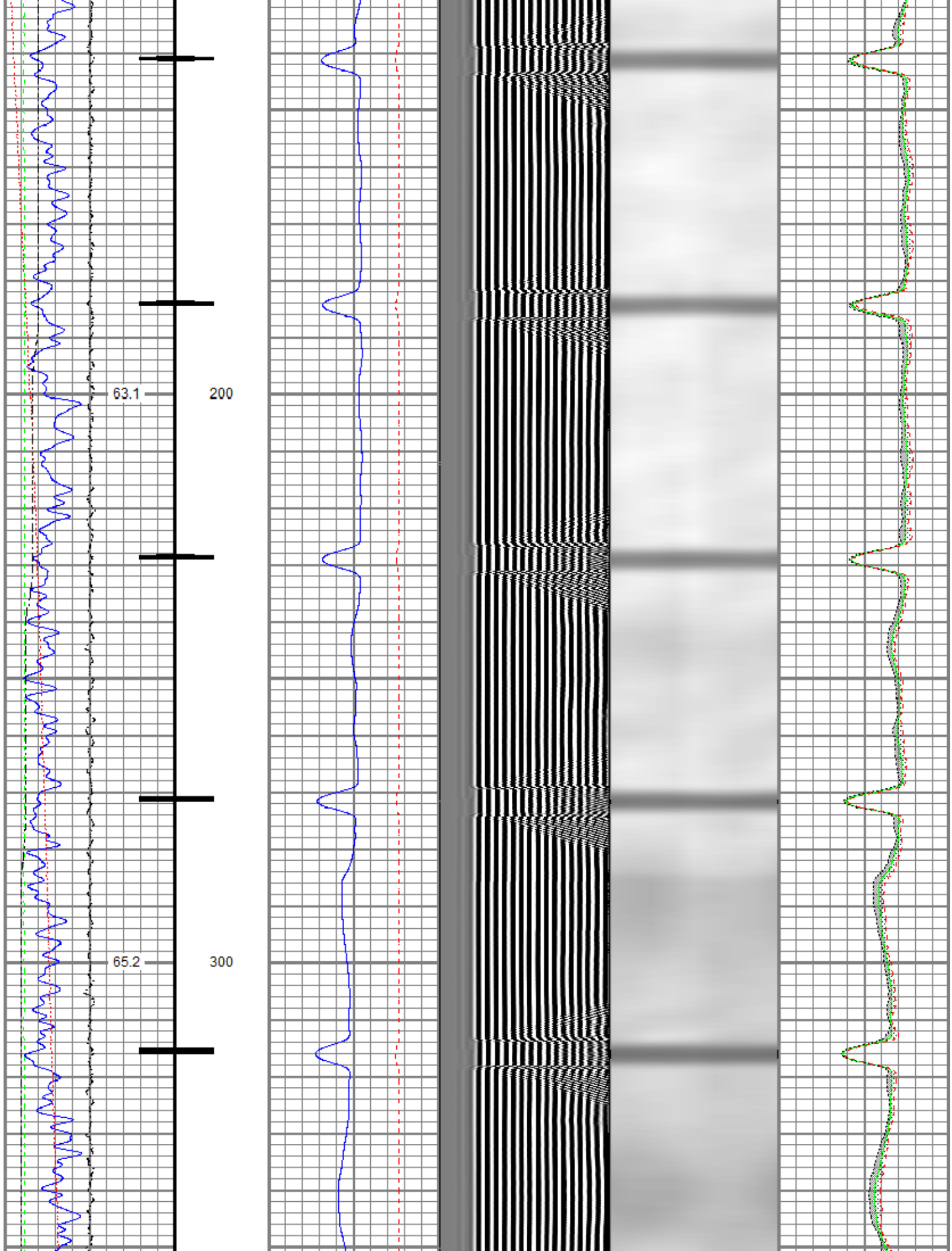
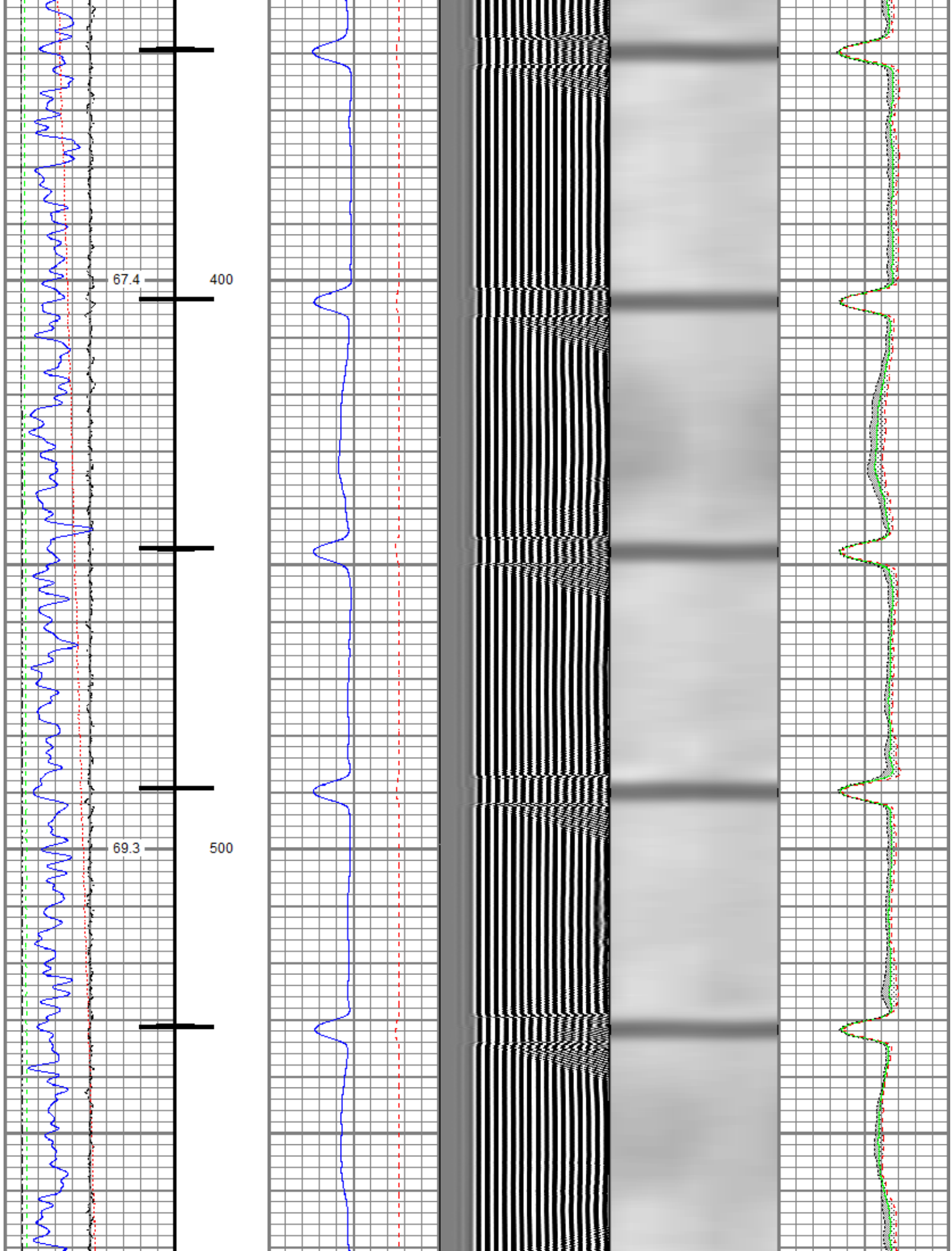


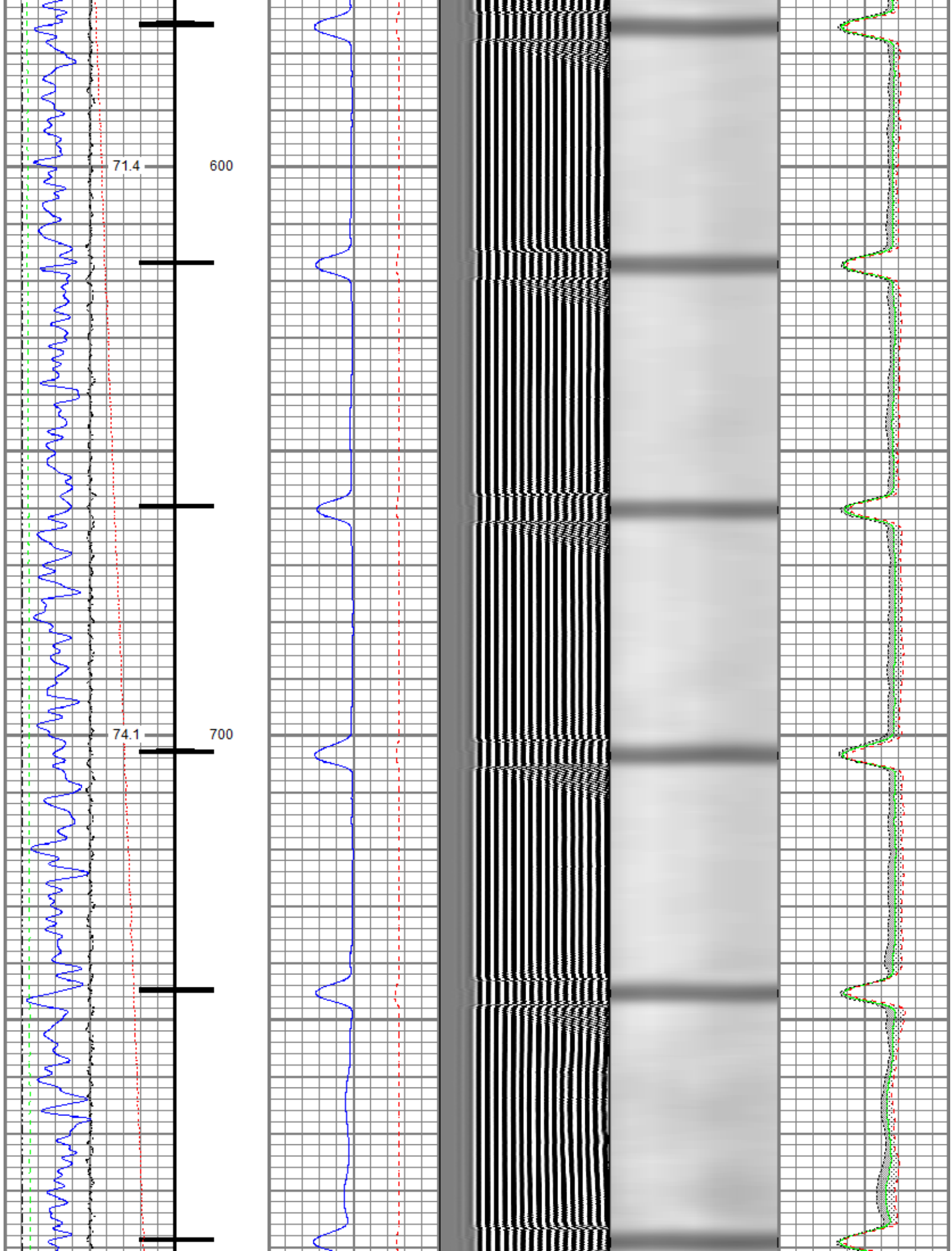
Database File oxy\0512350195_oxy_farley 23-1hz_rbl_12-03-19\processed_0512350195_oxy_farley 23-1hz_rbl_12-03-19.db
 Dataset Pathname pass4.1
 Presentation Format ros_radrii
 Dataset Creation Wed Dec 04 08:39:03 2019
 Charted by Depth in Feet scaled 1:240

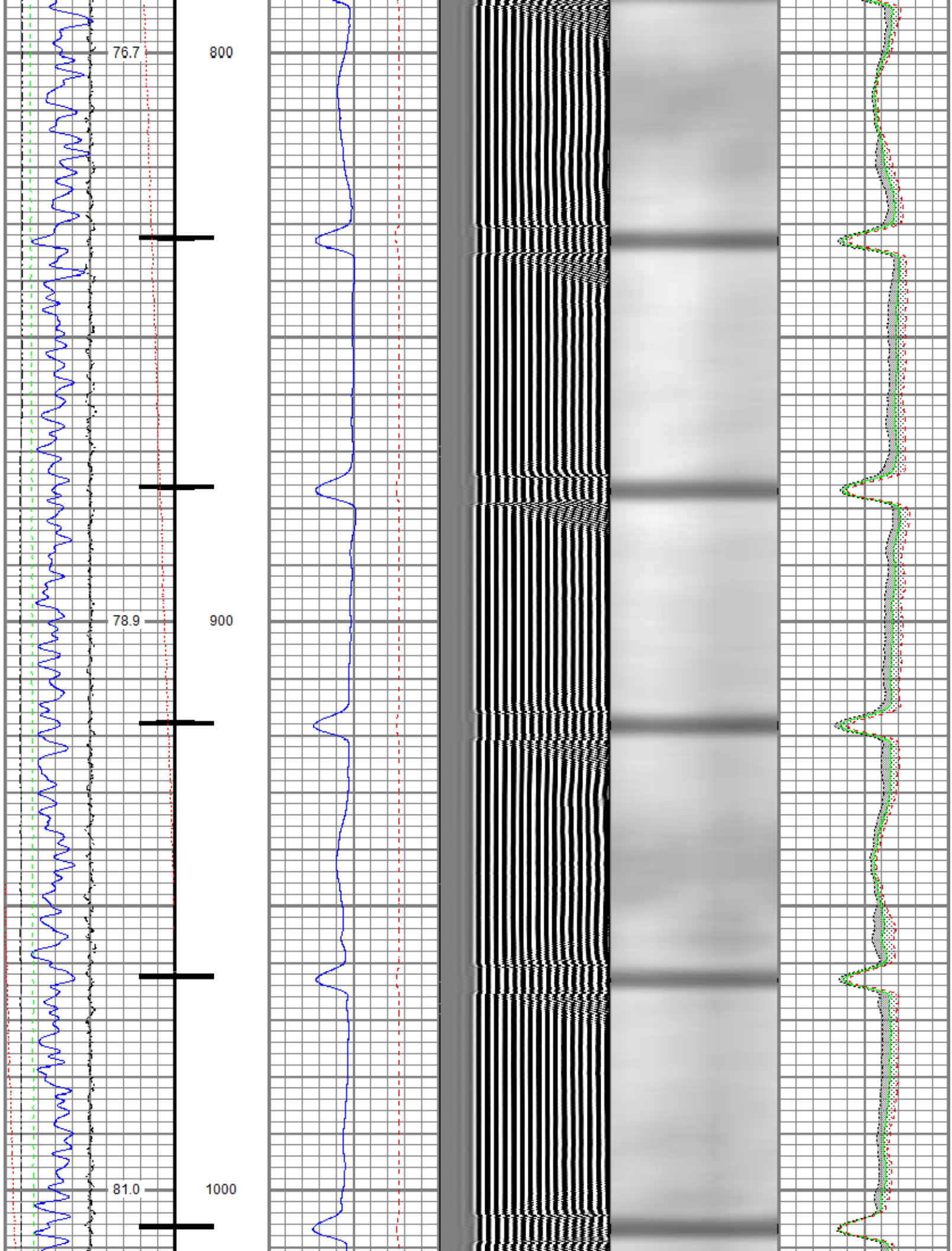
Gamma Ray	0	3' Amplitude (mV) 100	5' Variable Density Log	Sector Map	0	Average Amplitude 100
(GAPI) 120		3' Amplitude x 5	200 (usec) 1200			Minimum Amplitude
Casing Collar Locator	0	(mV) 20			0	100
0 Temperature (degF) 20		3' Travel Time				Maximum Amplitude
Line Speed	650	(usec) 150			0	100
-150 (ft/min)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

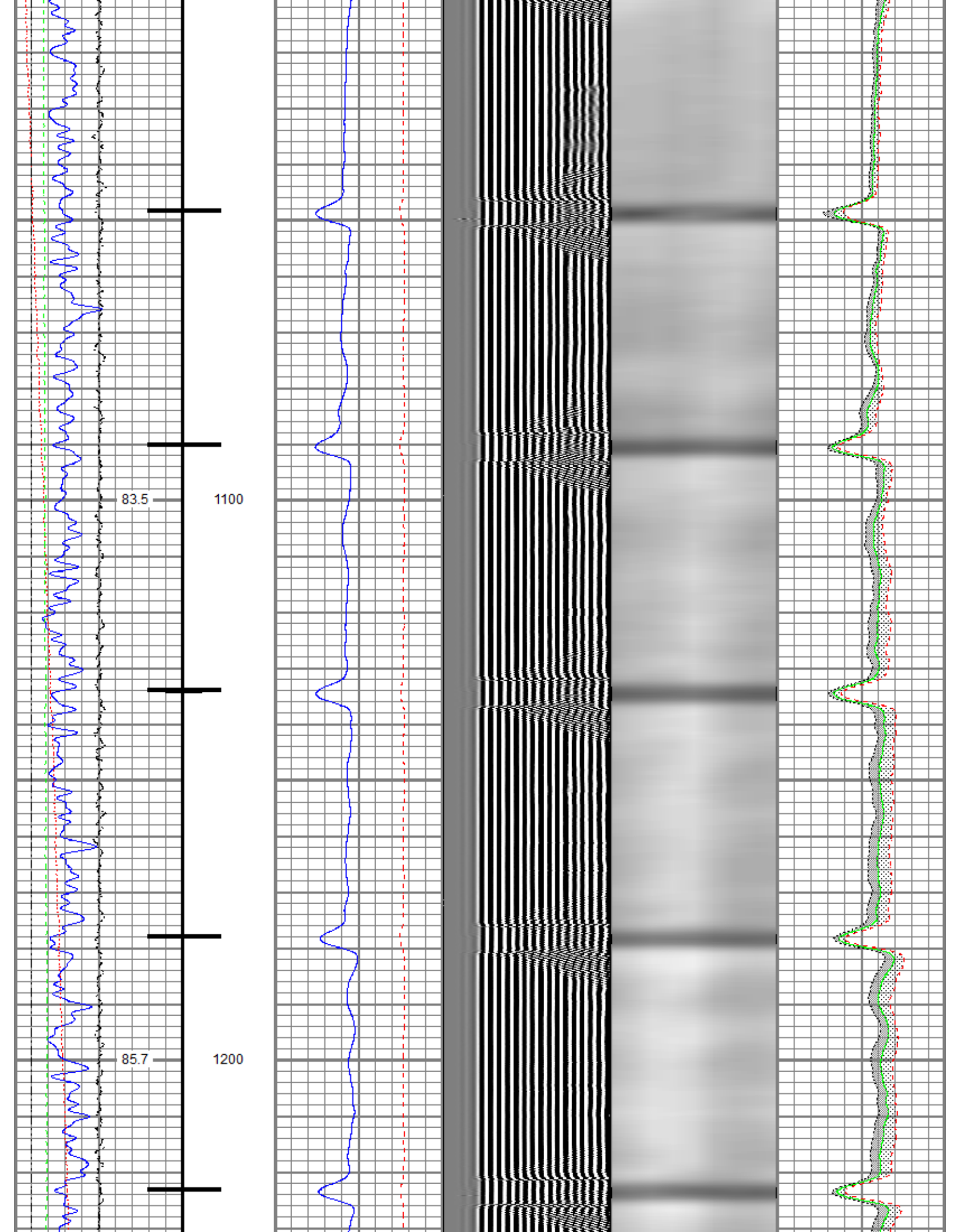


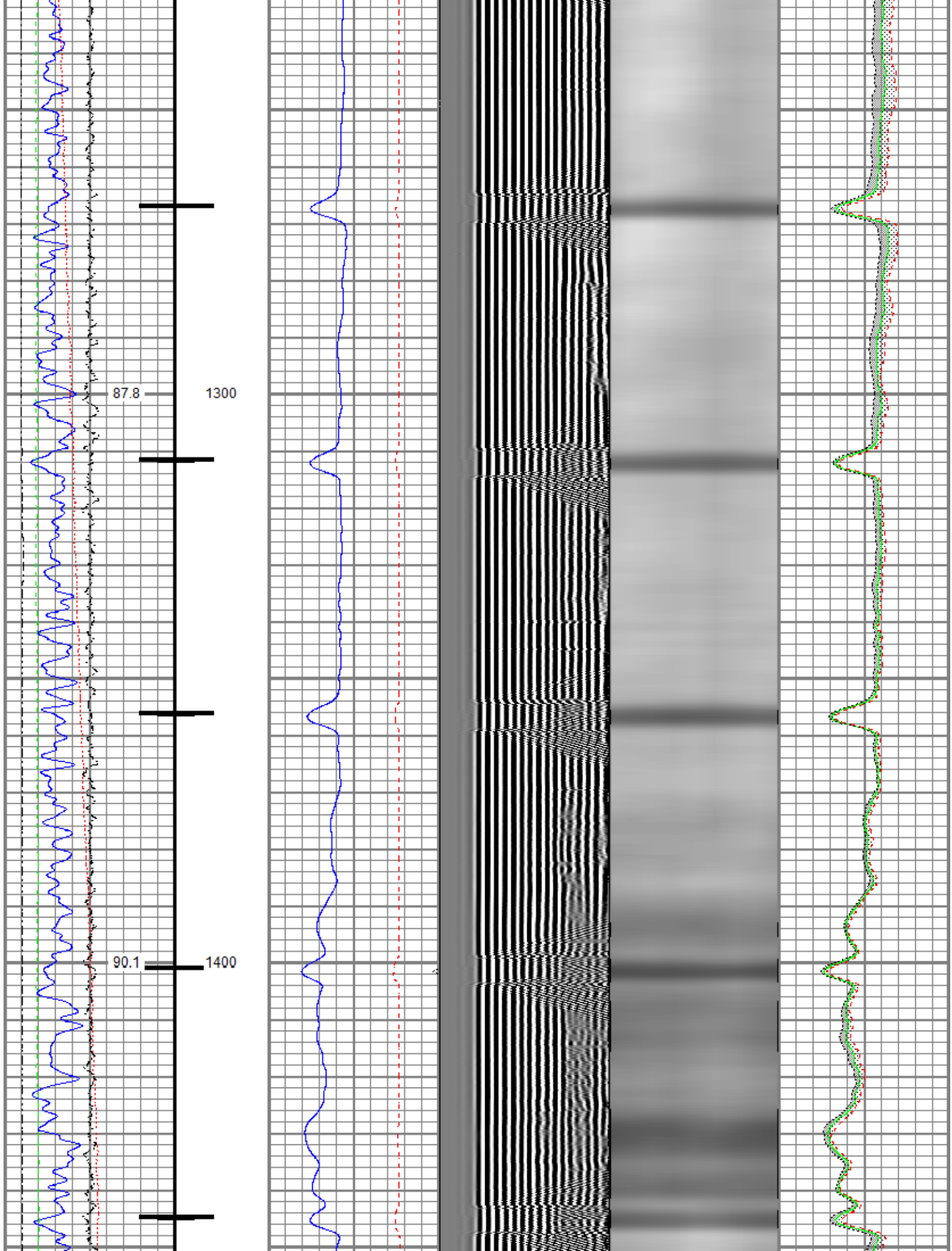


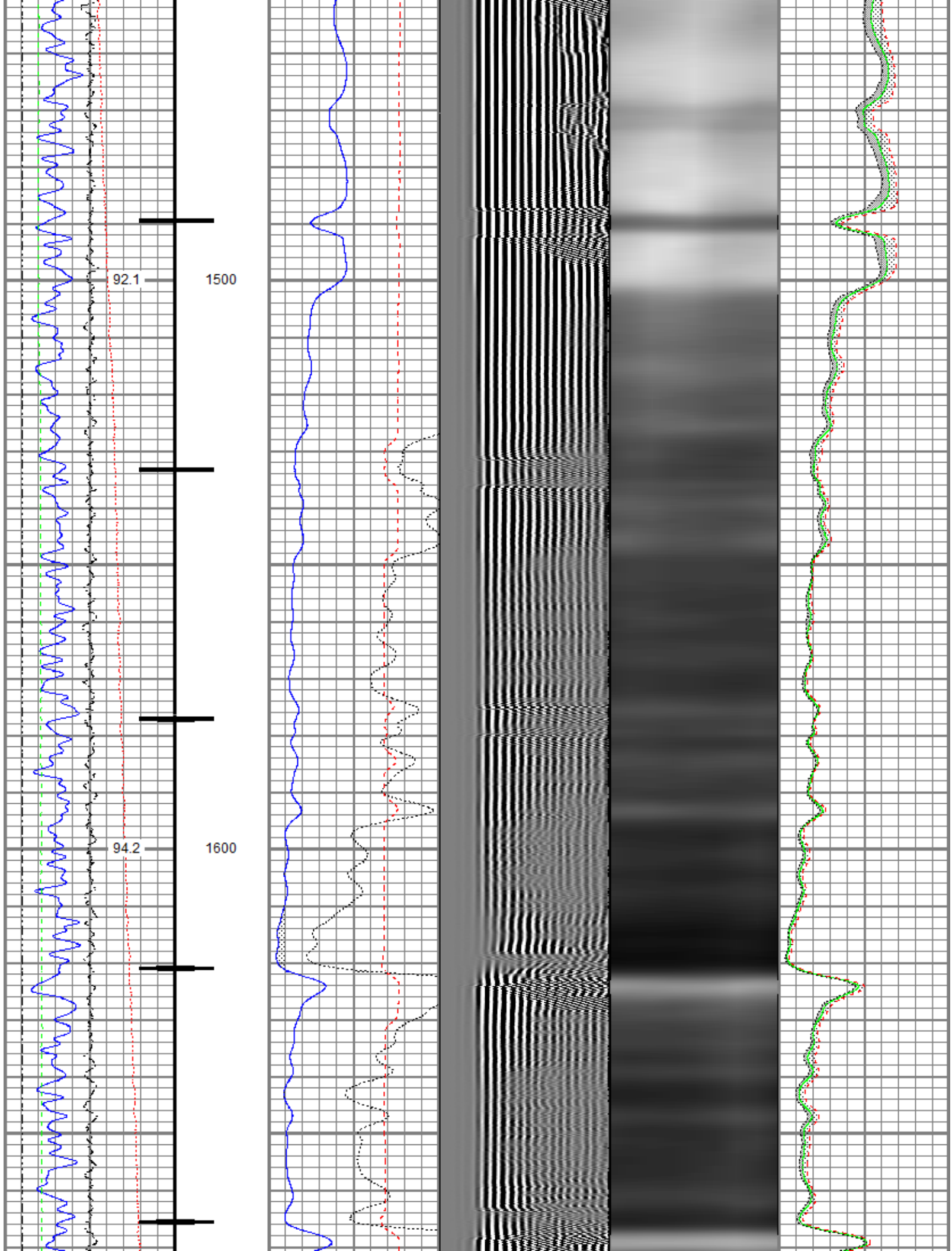


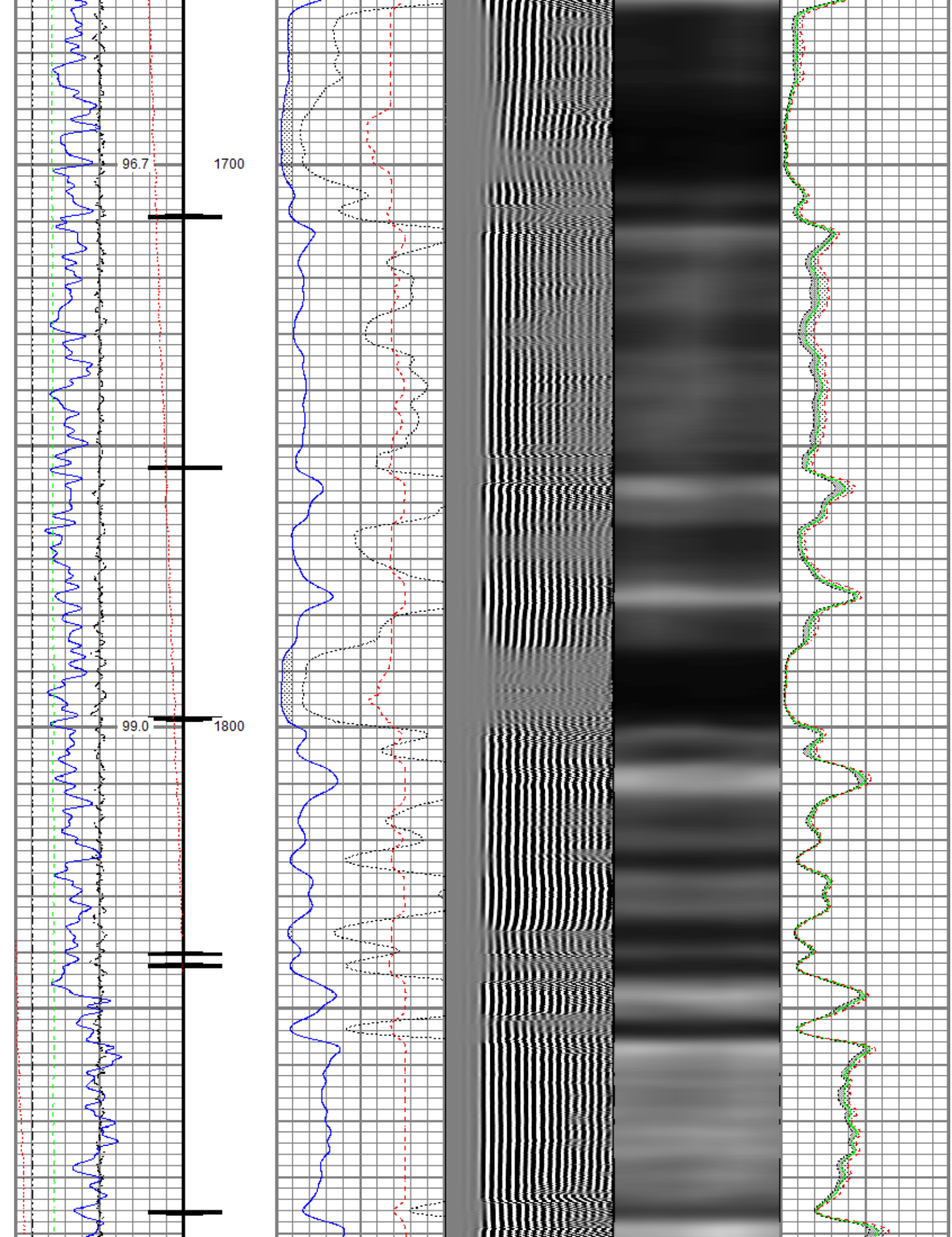


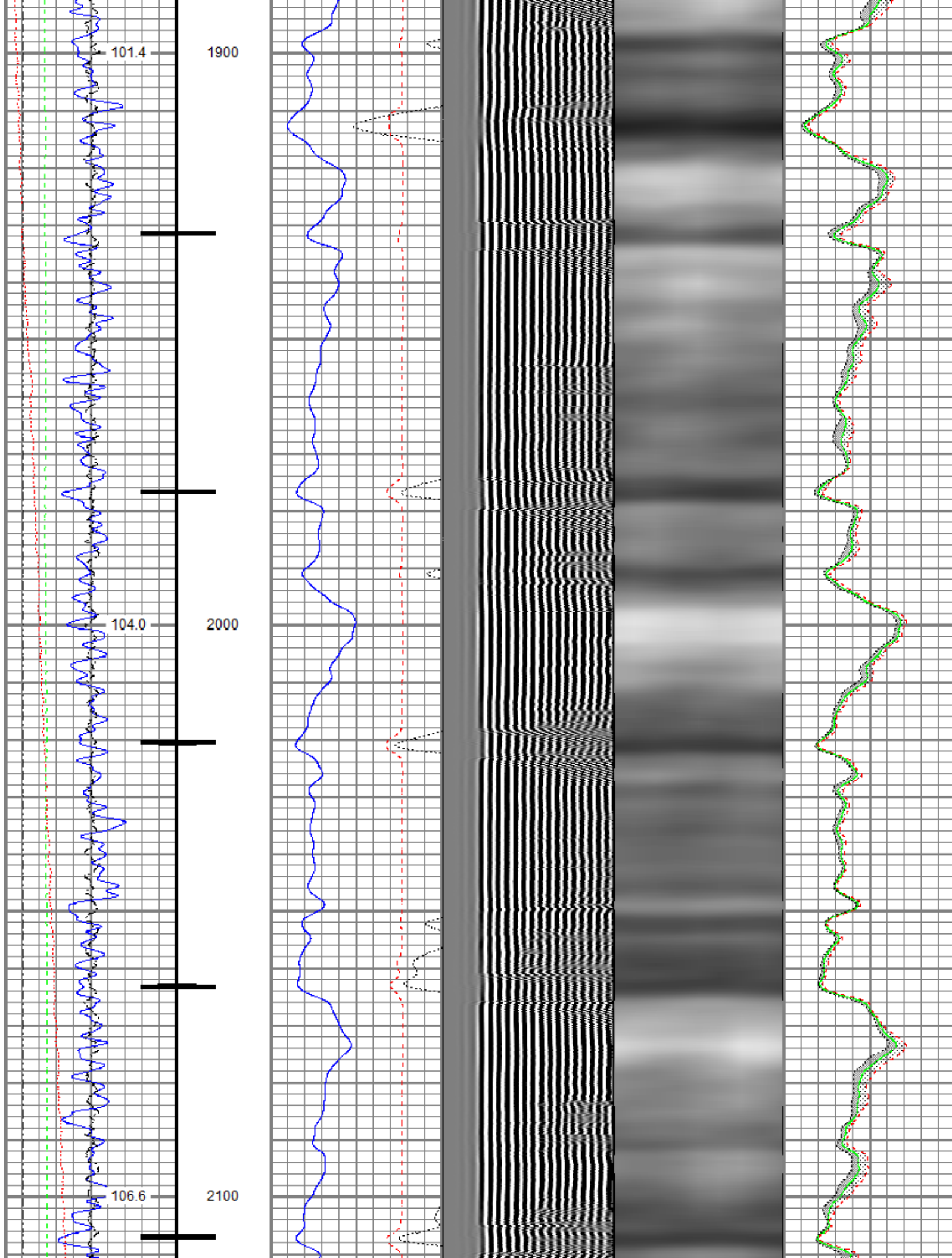


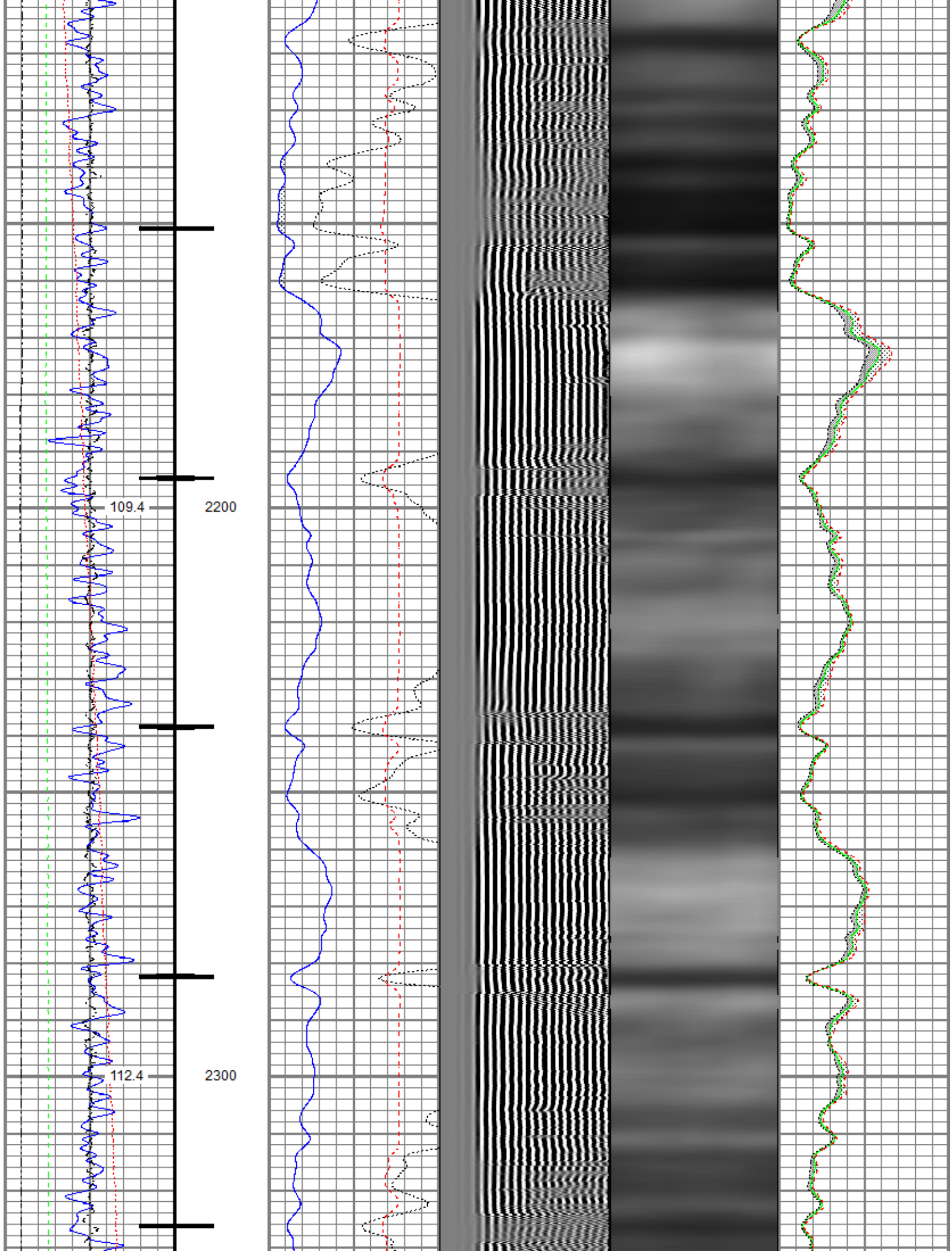


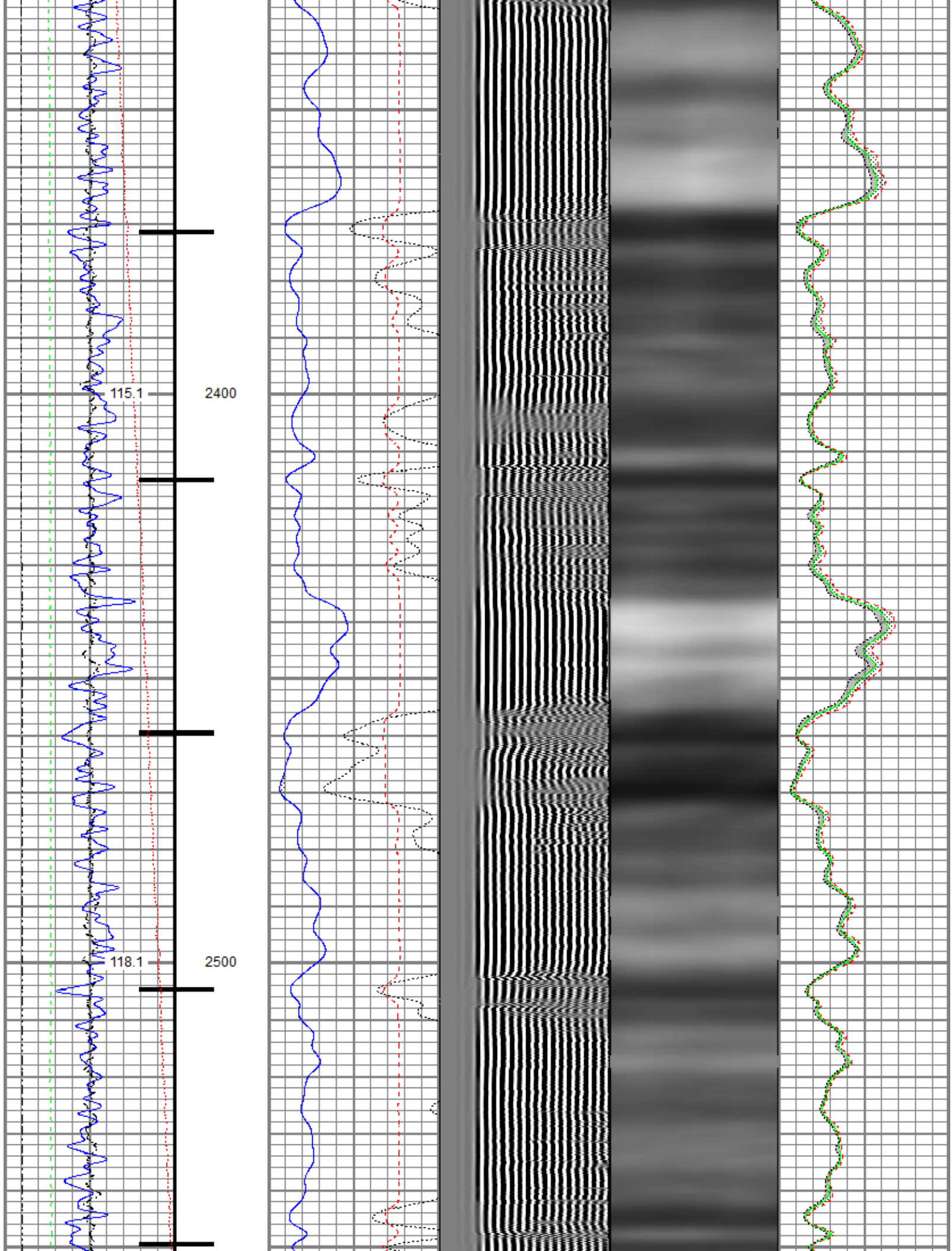


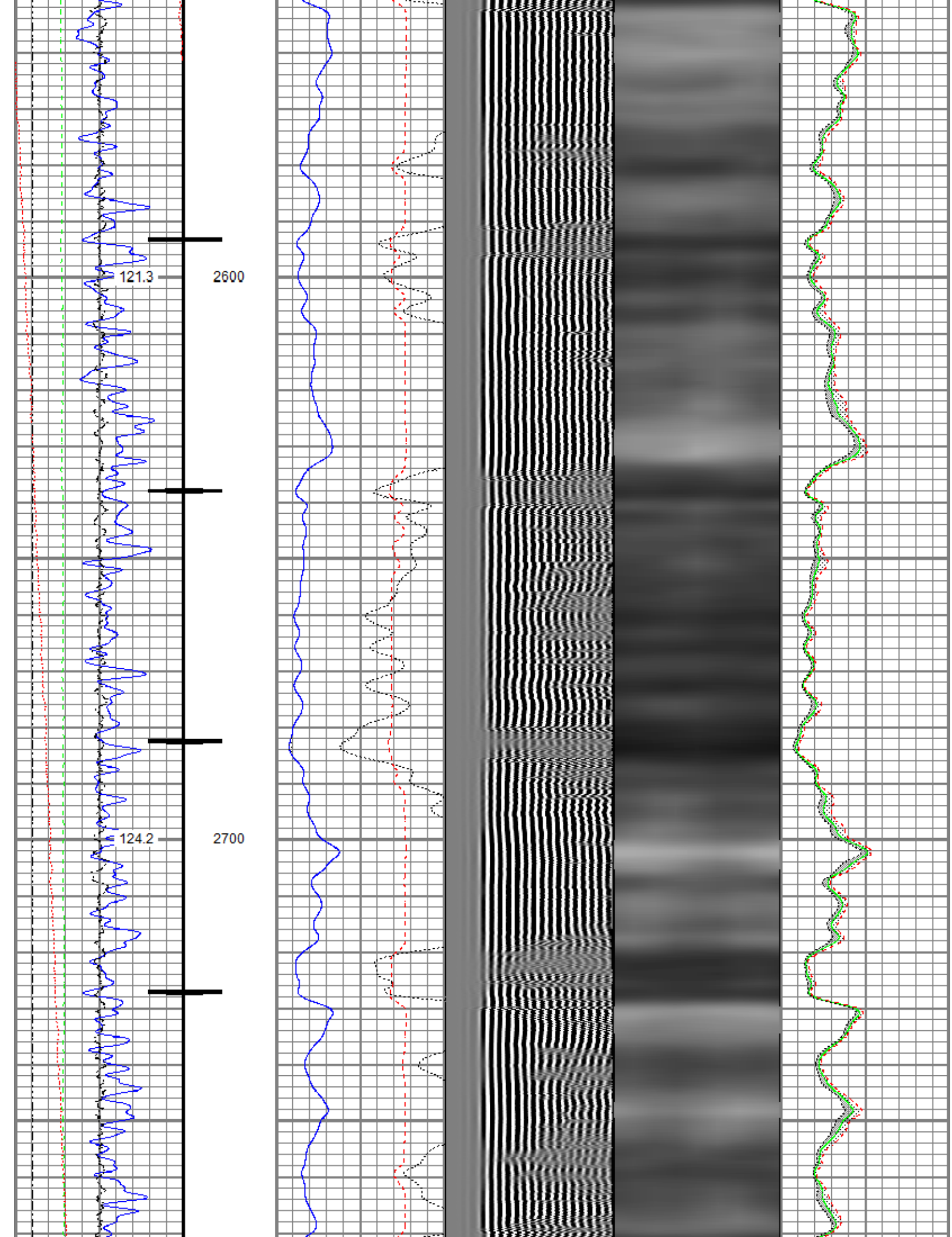


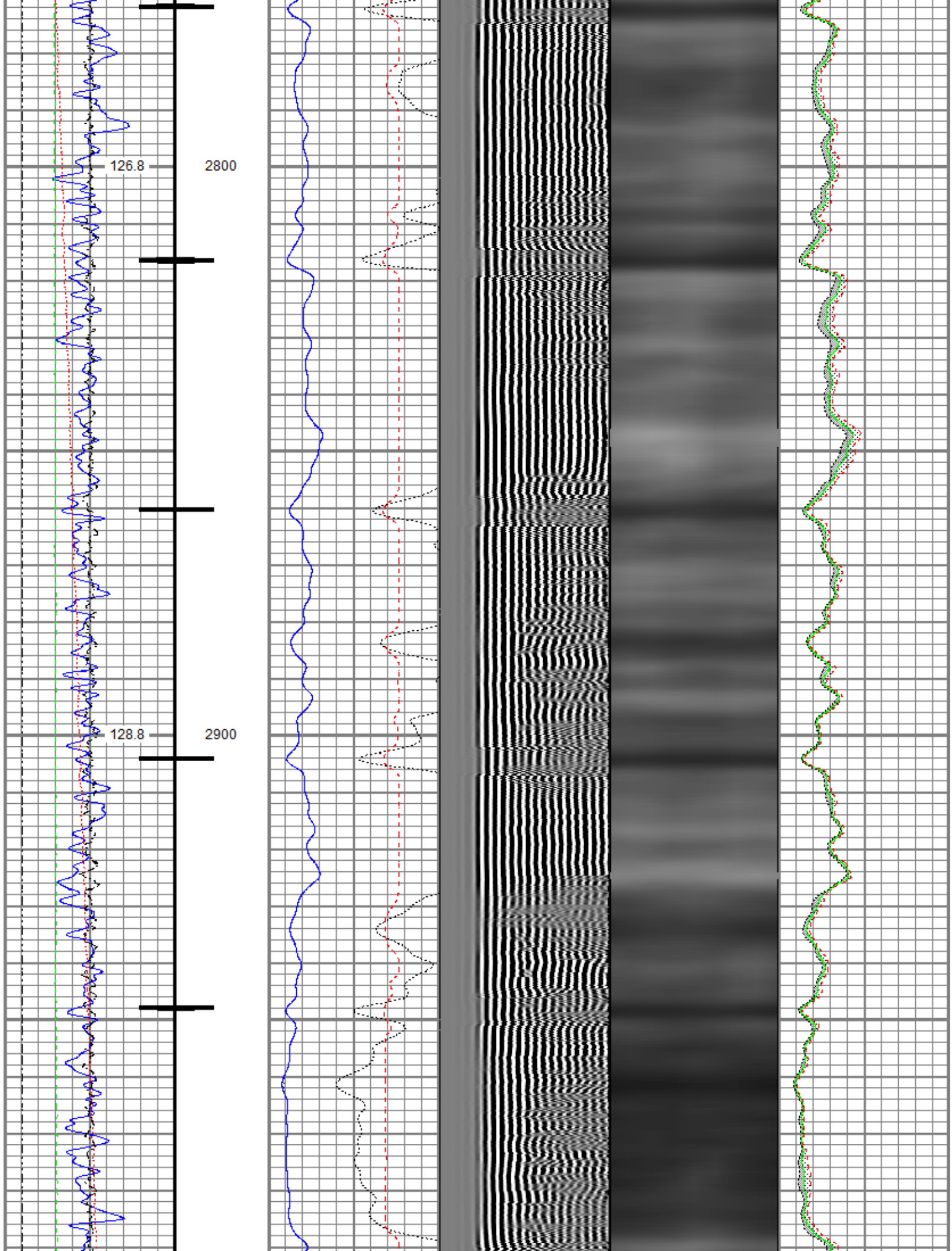


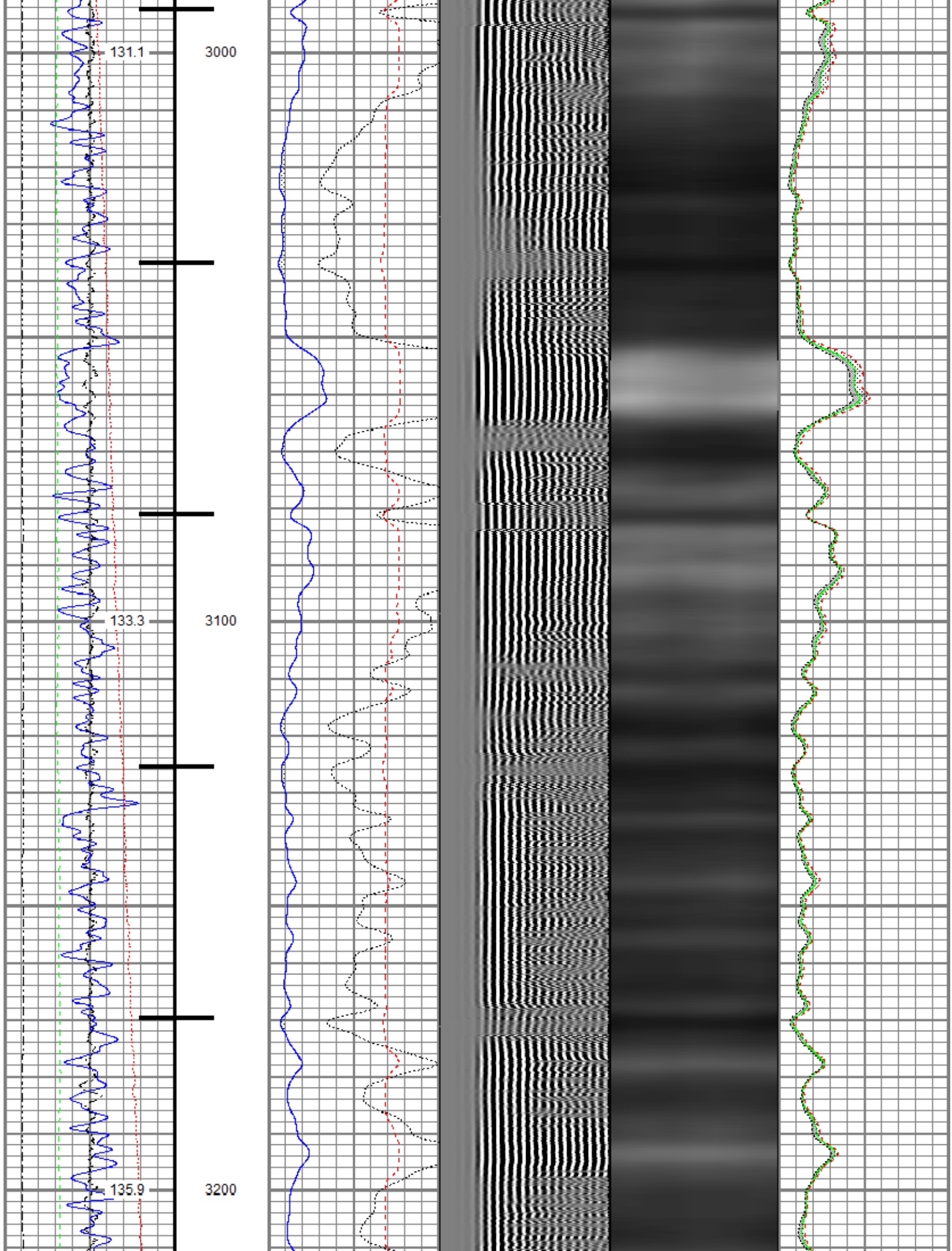


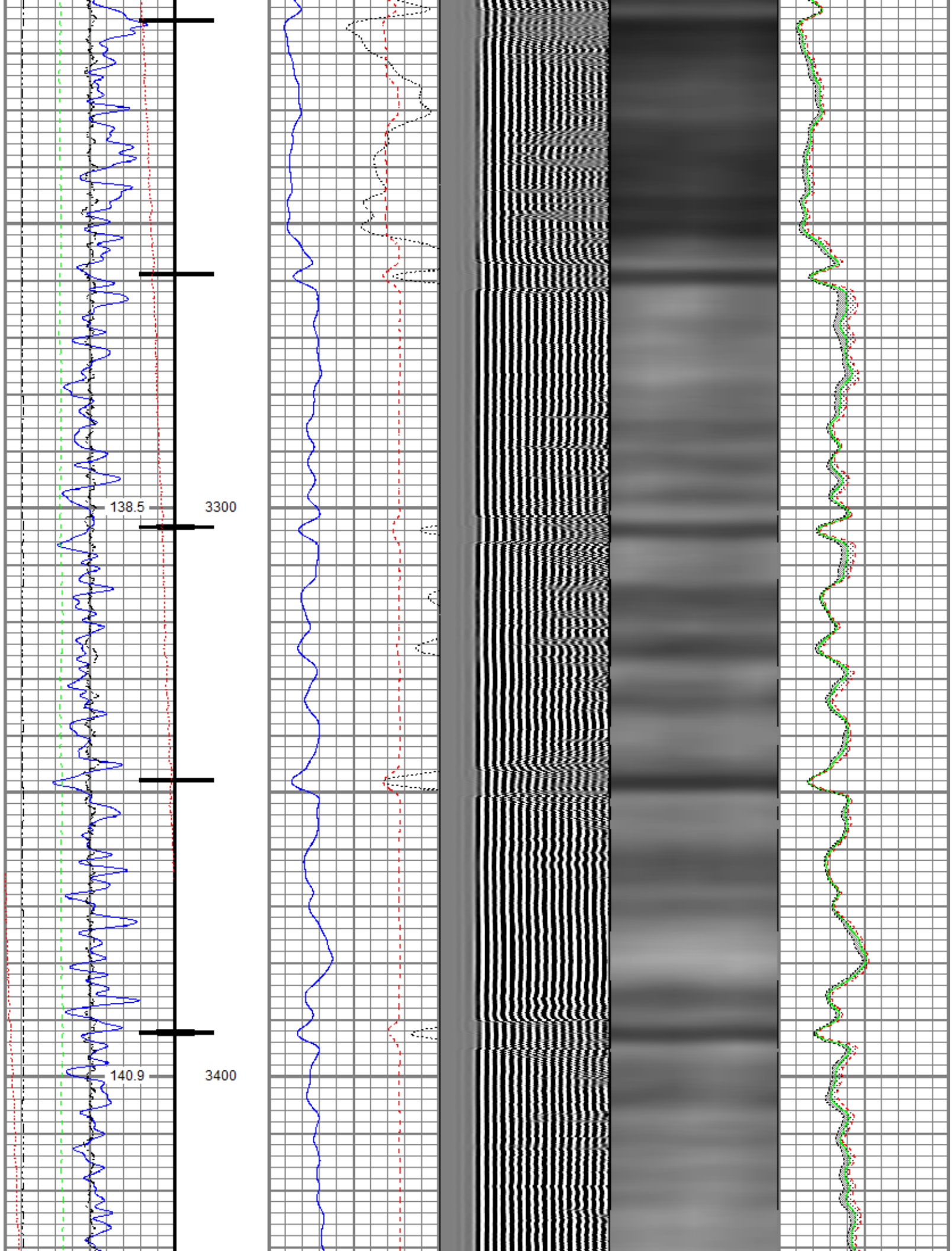


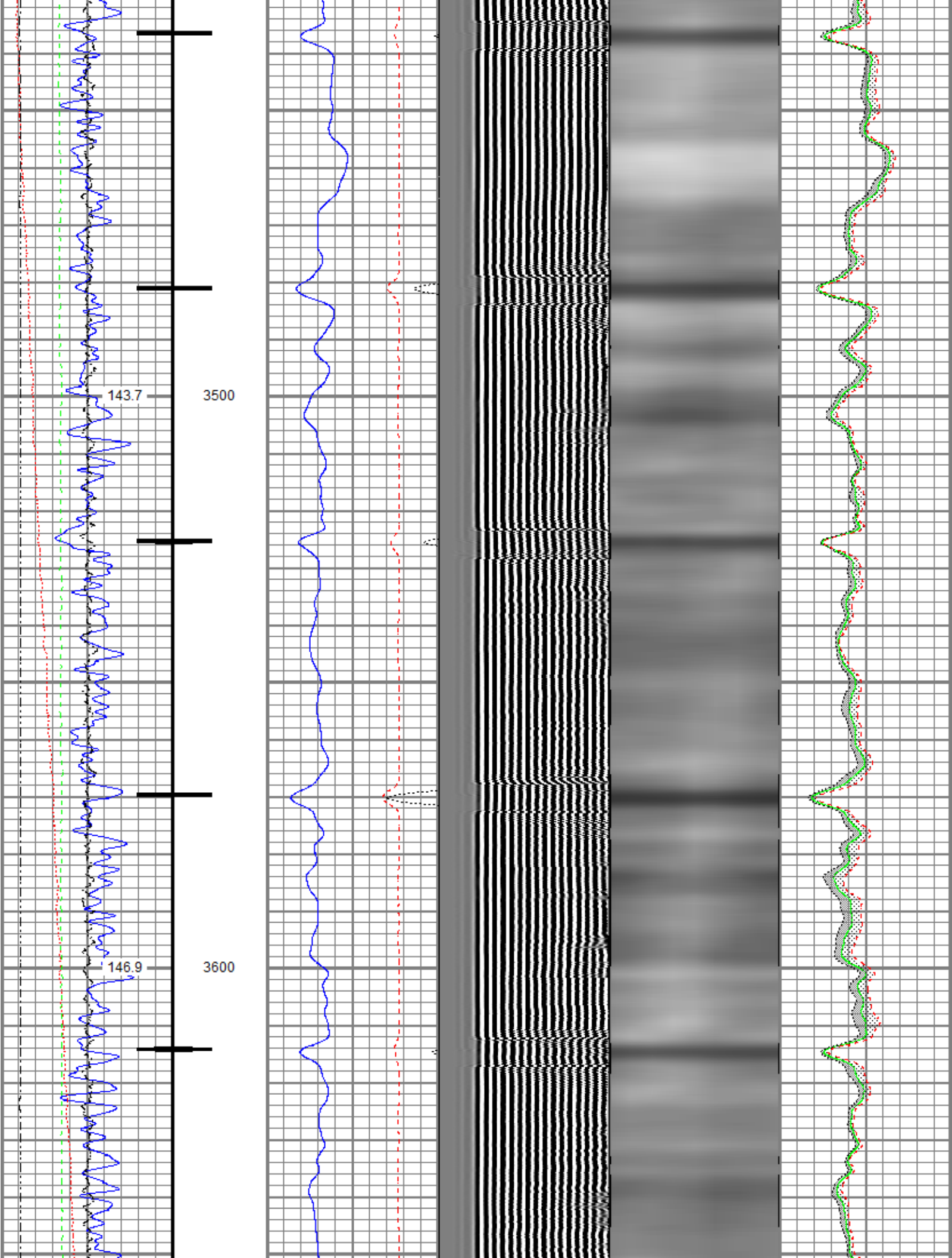


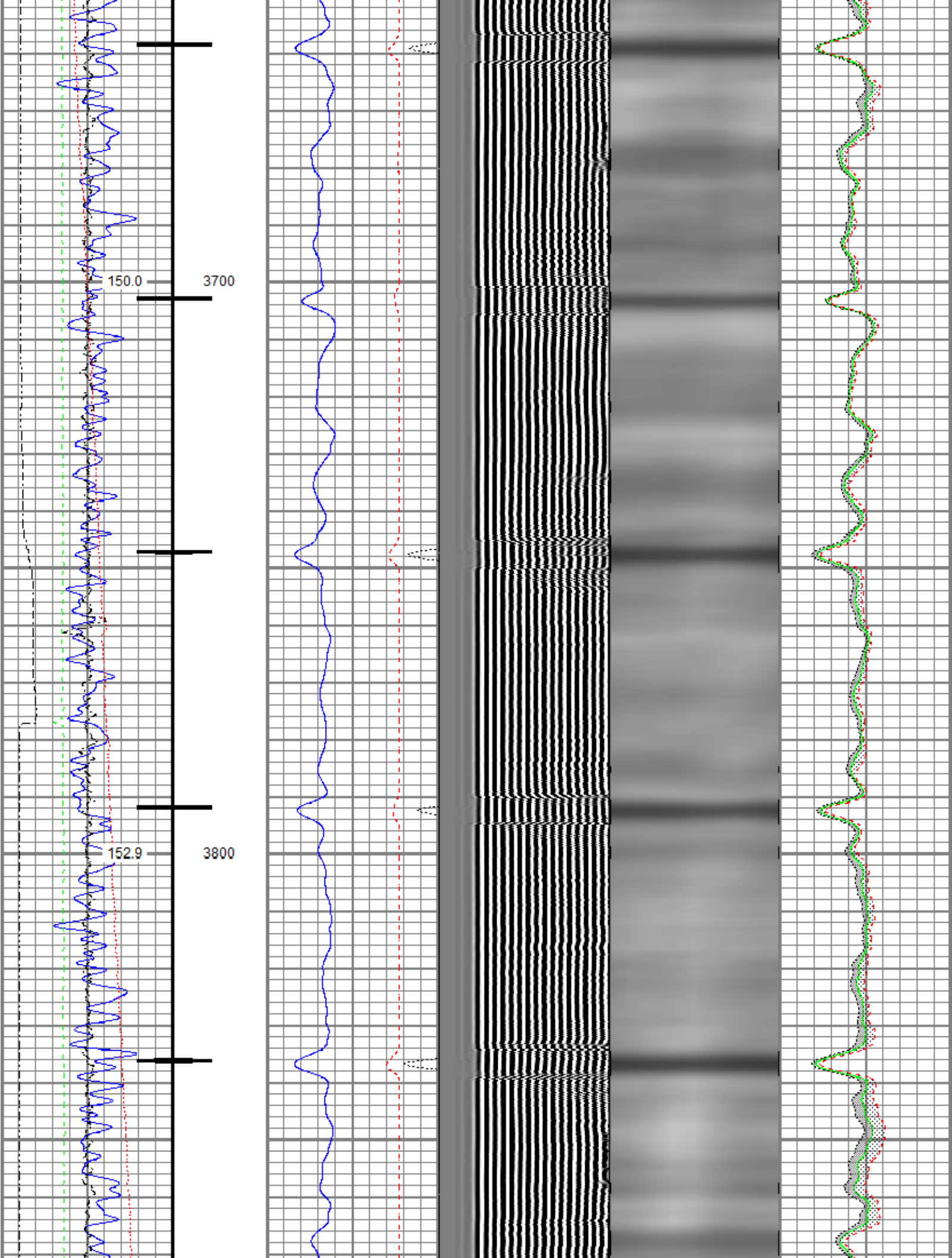


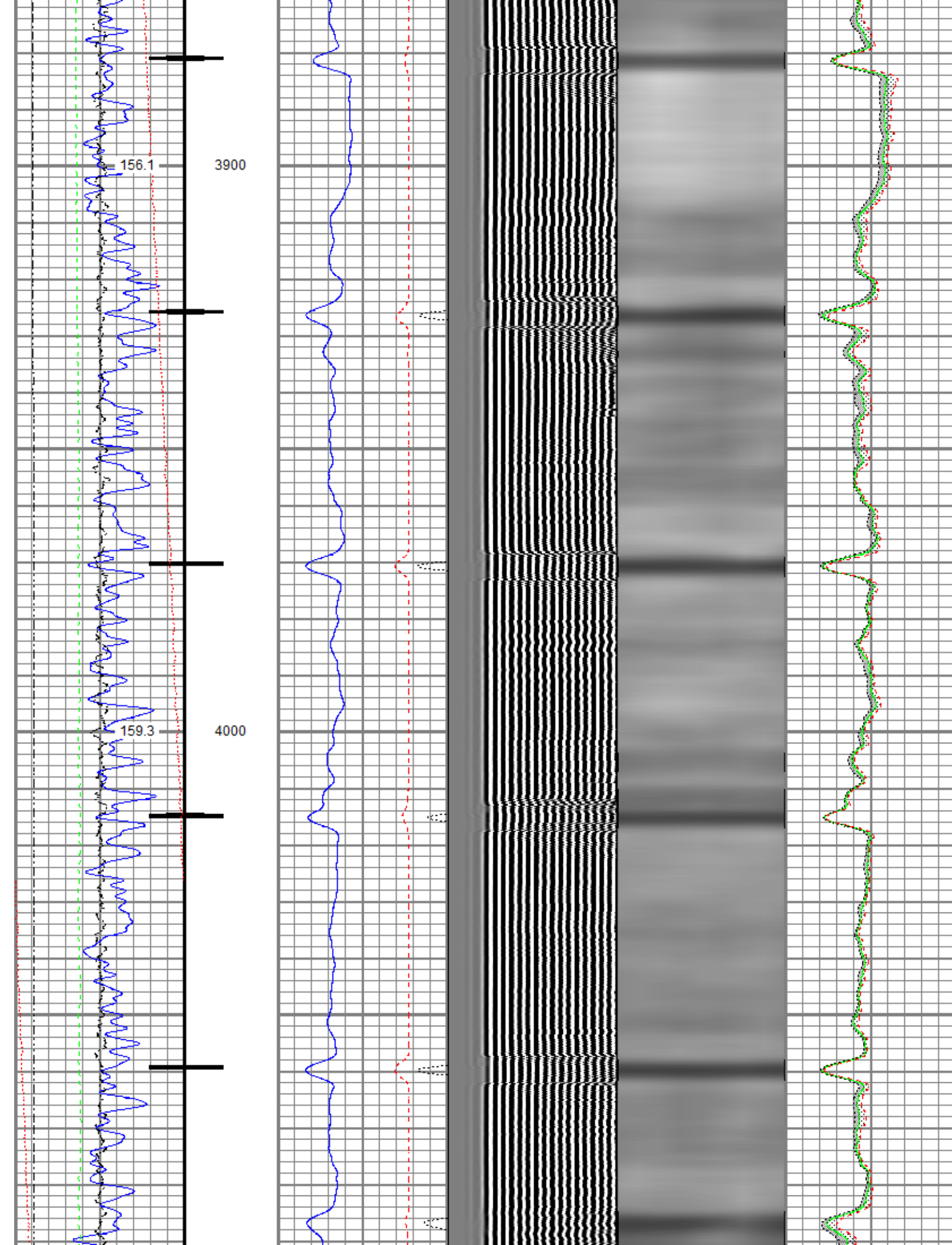


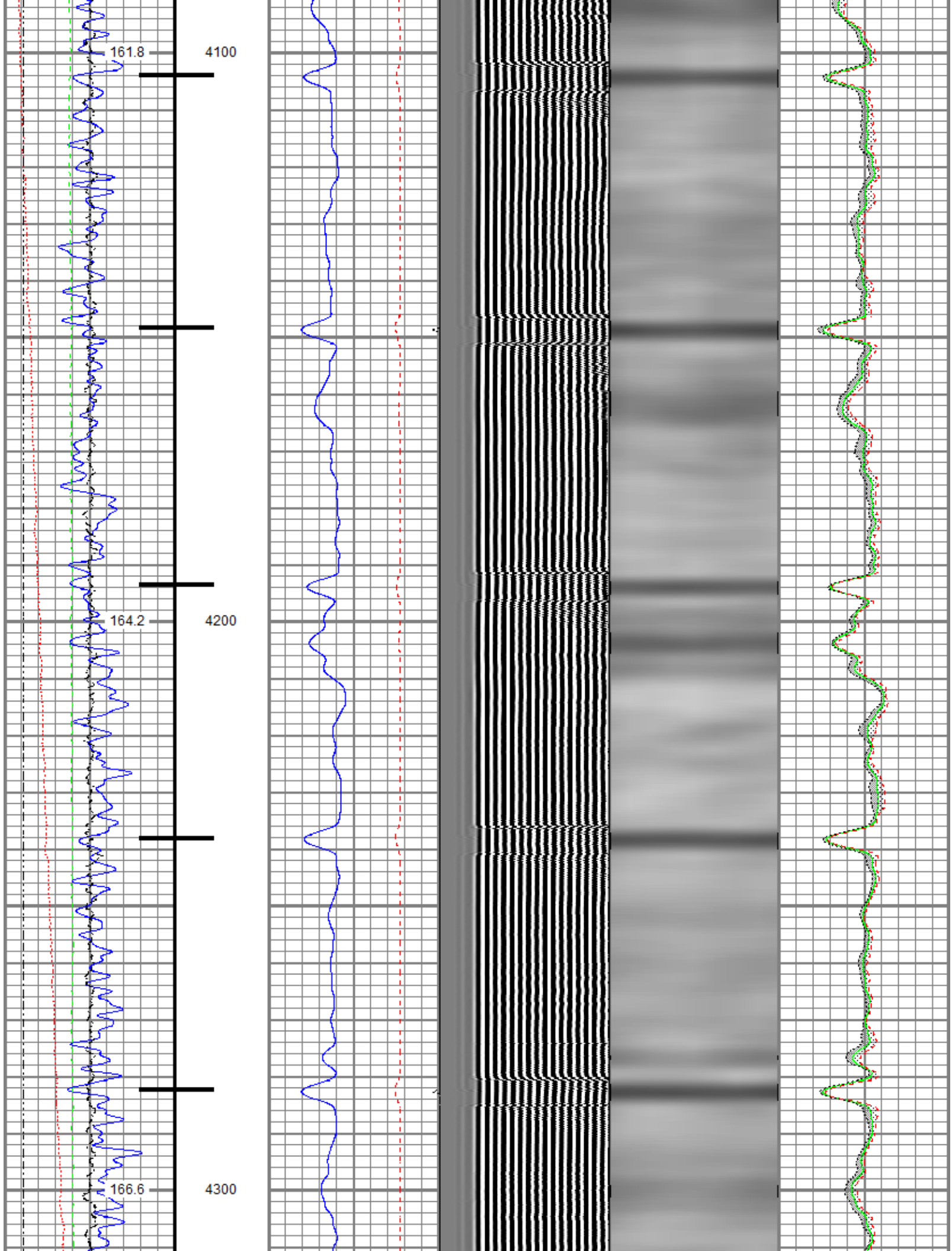


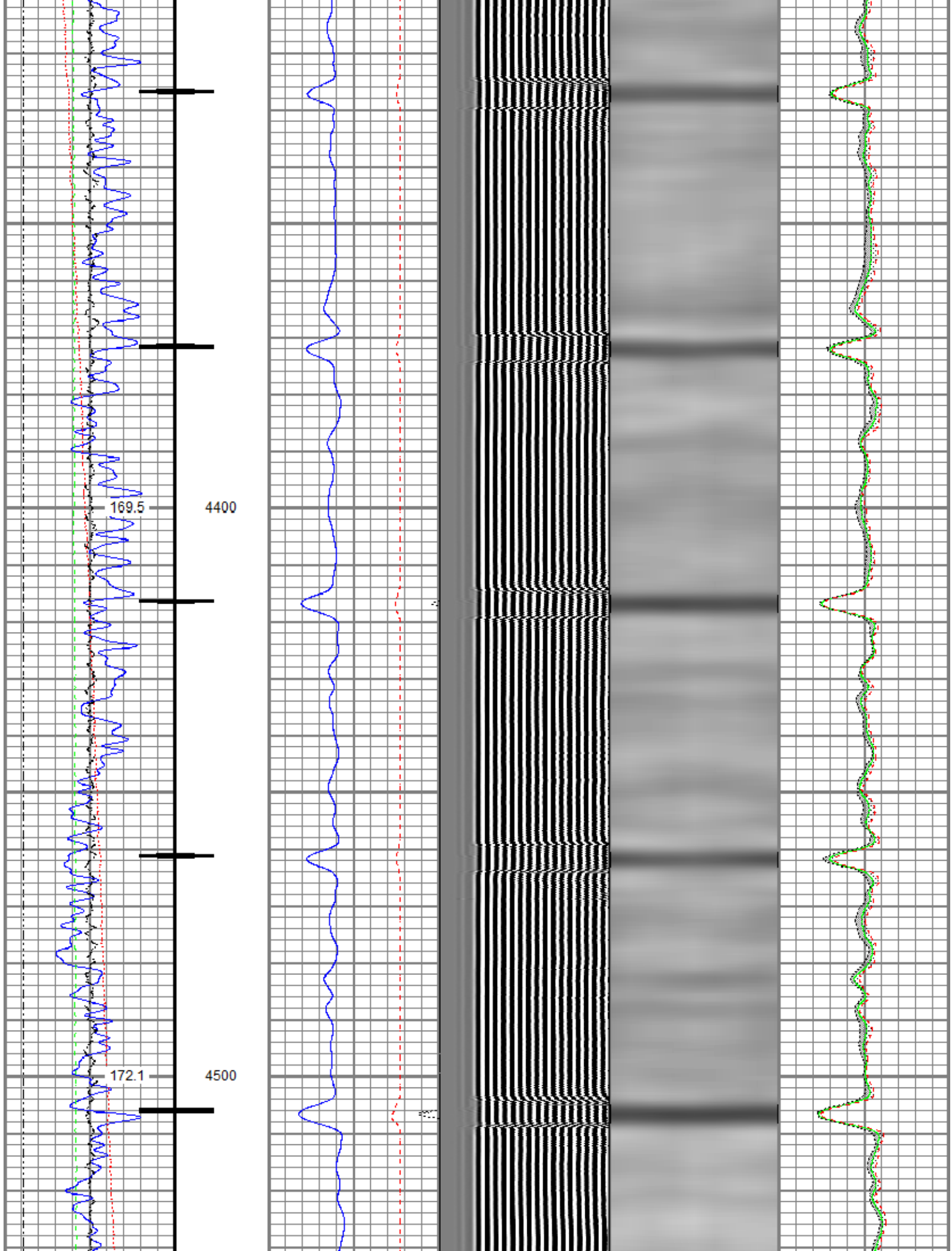


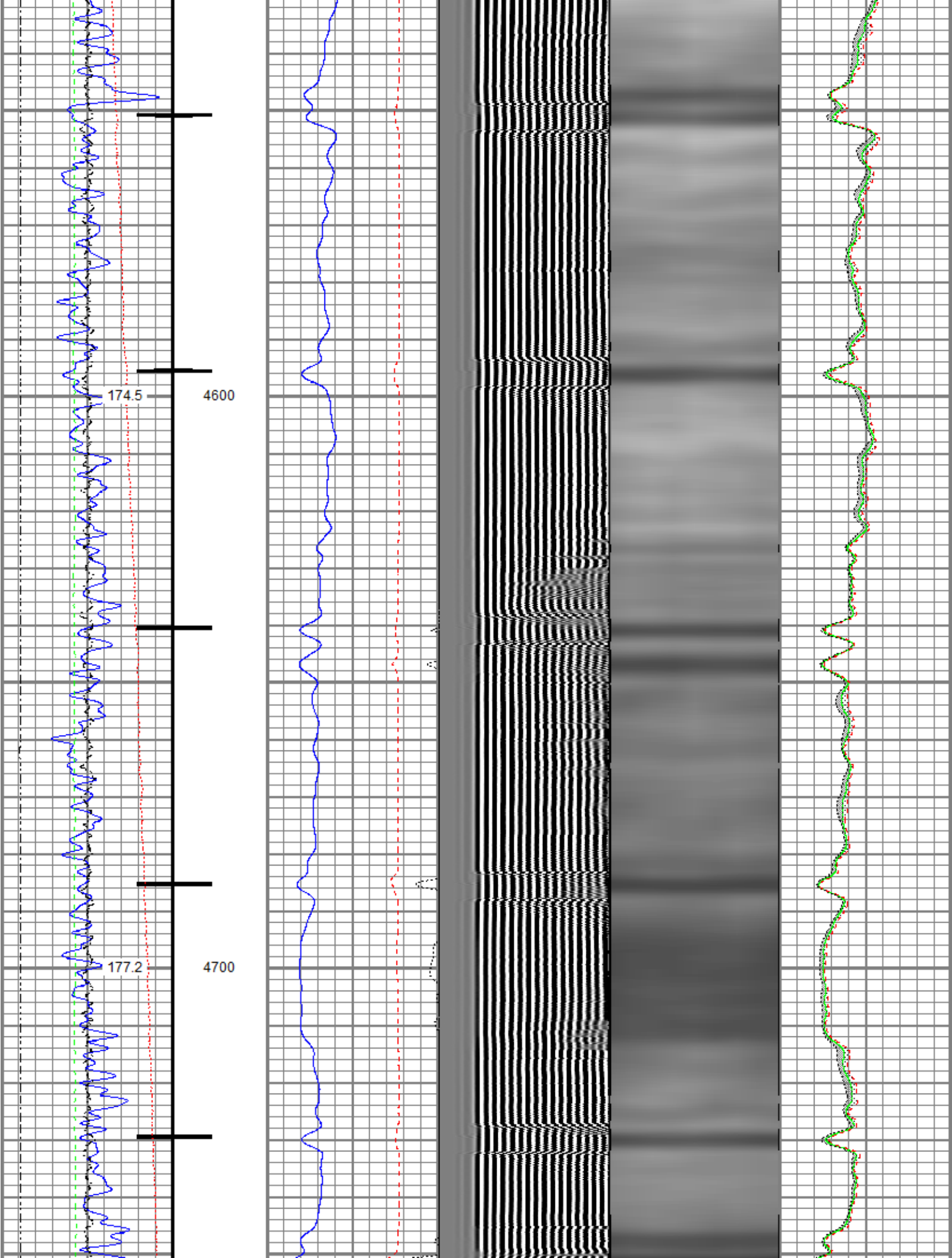


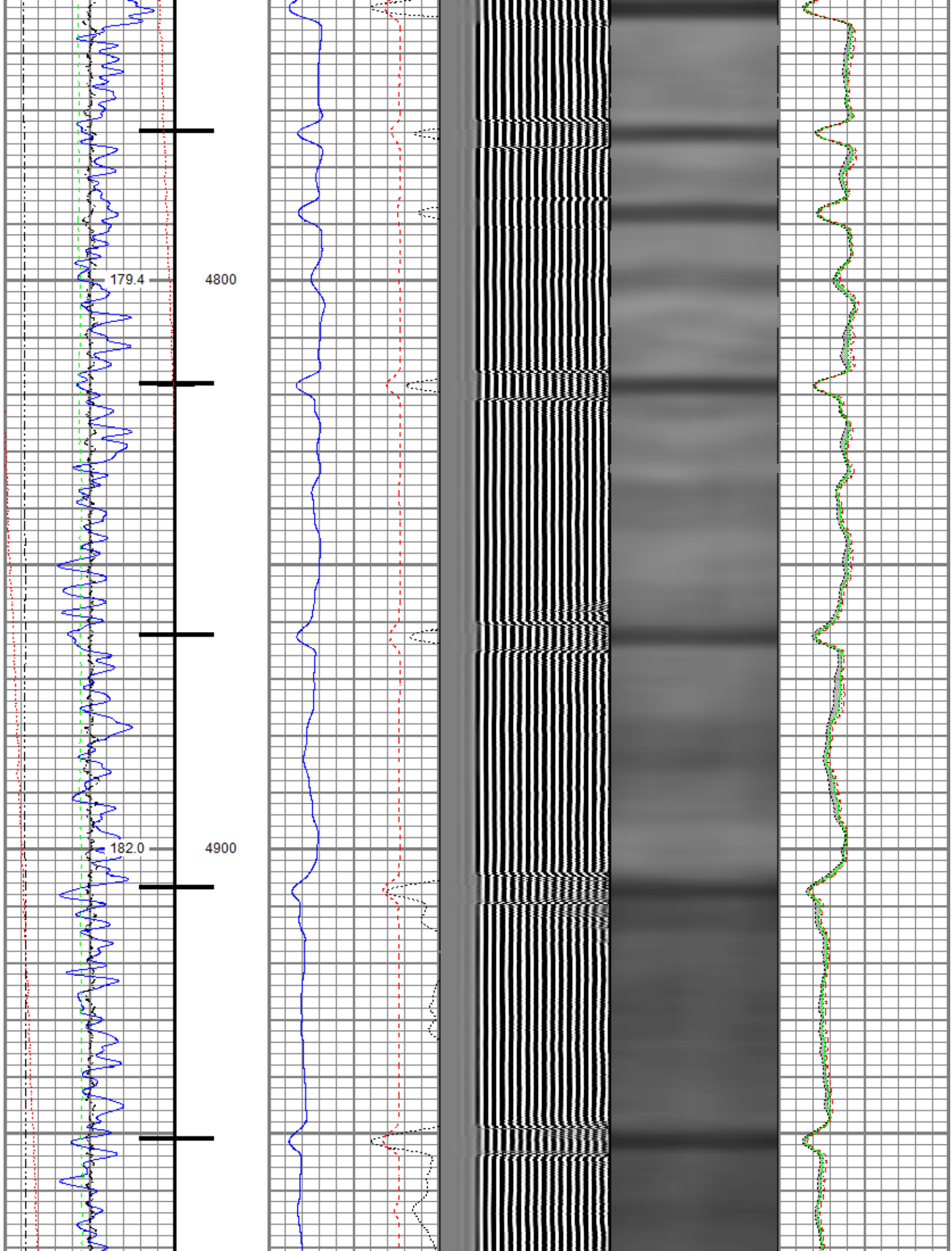


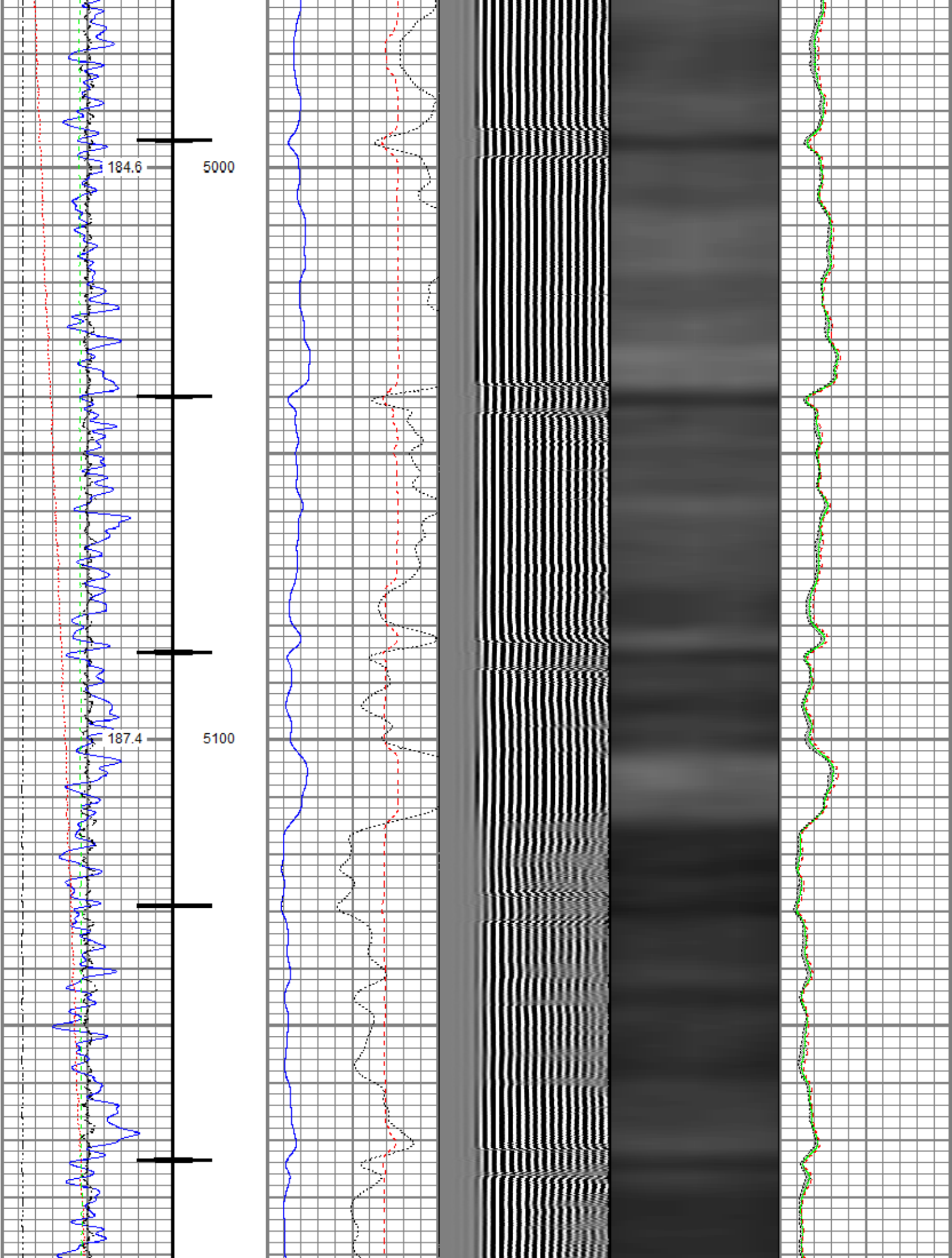


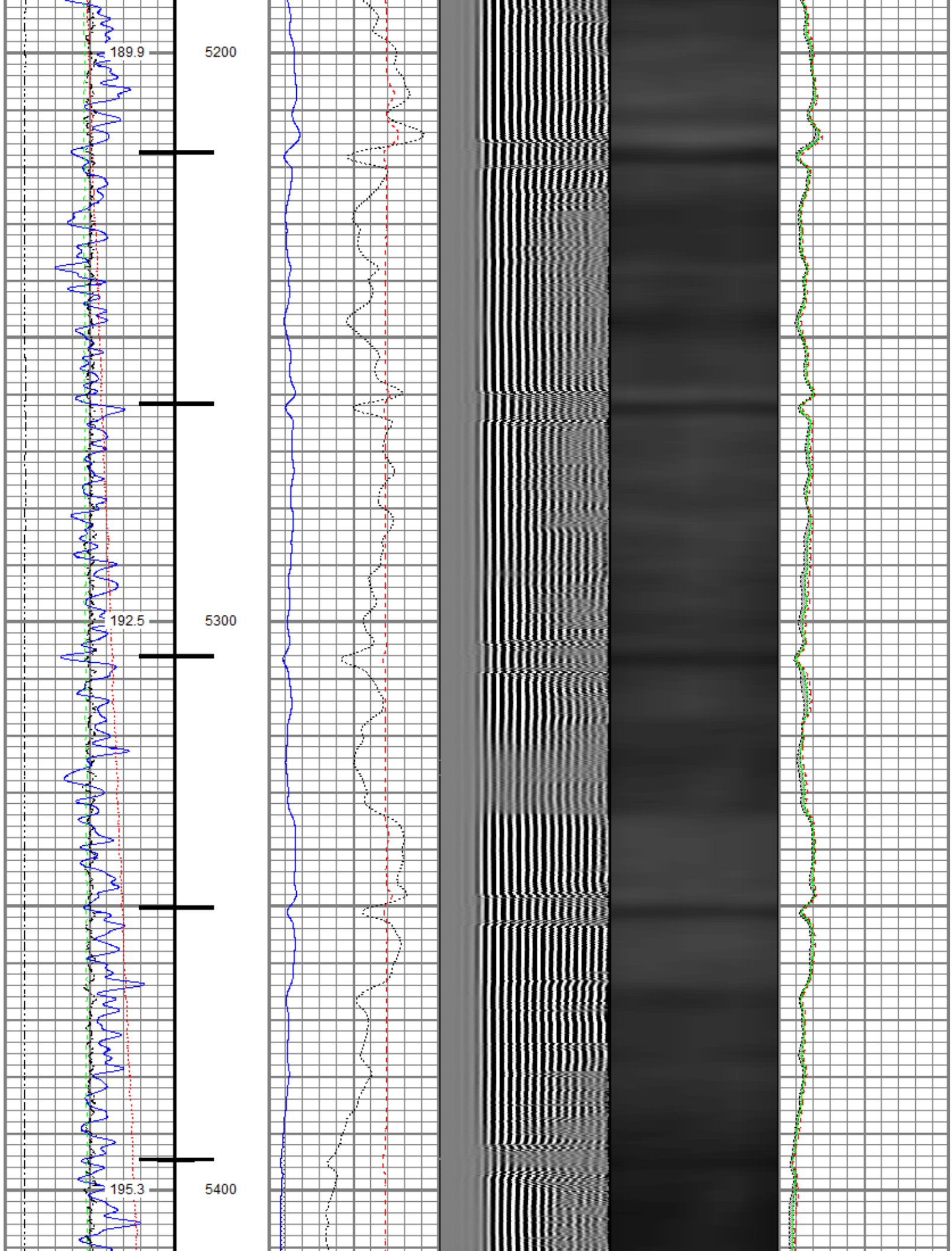


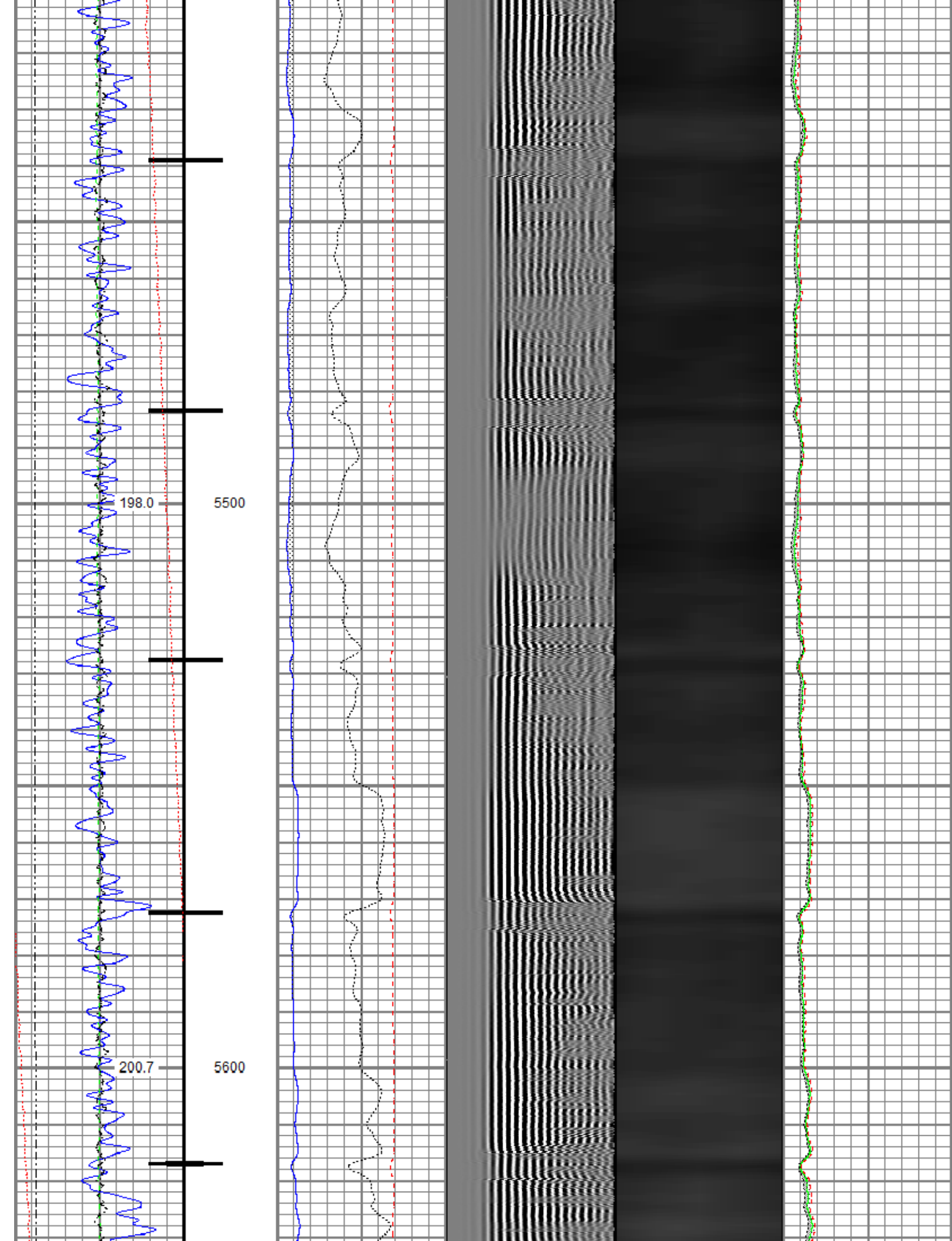


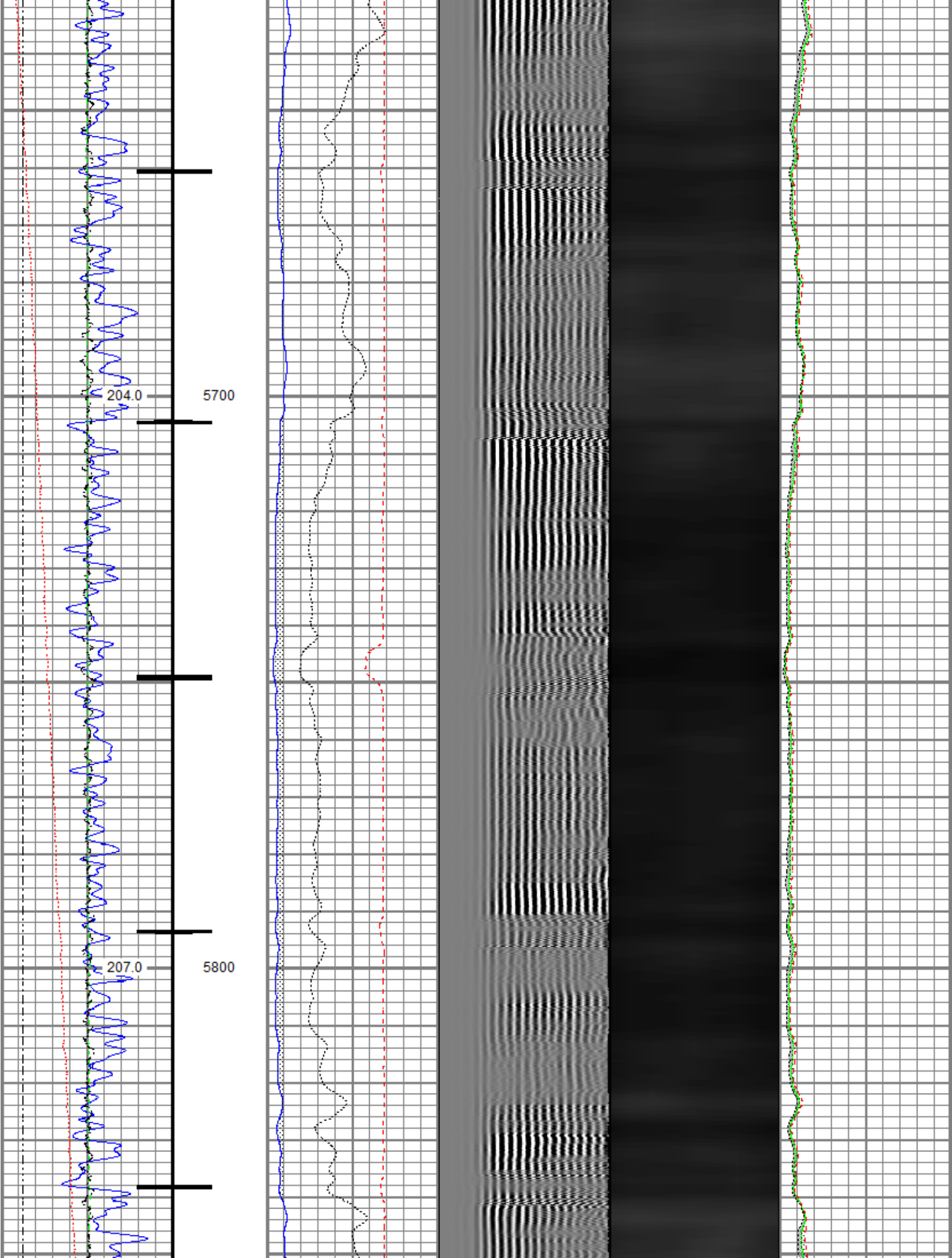


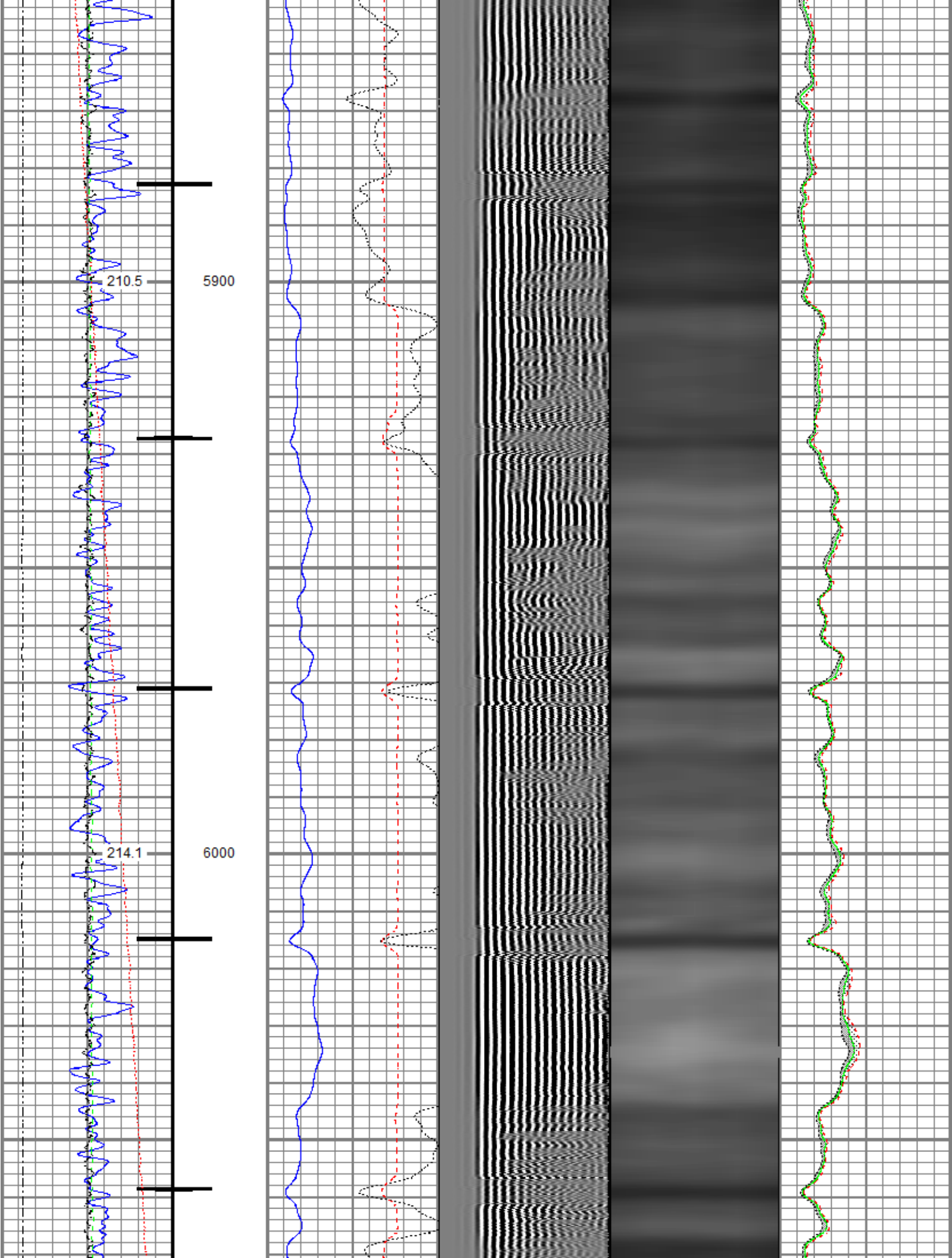


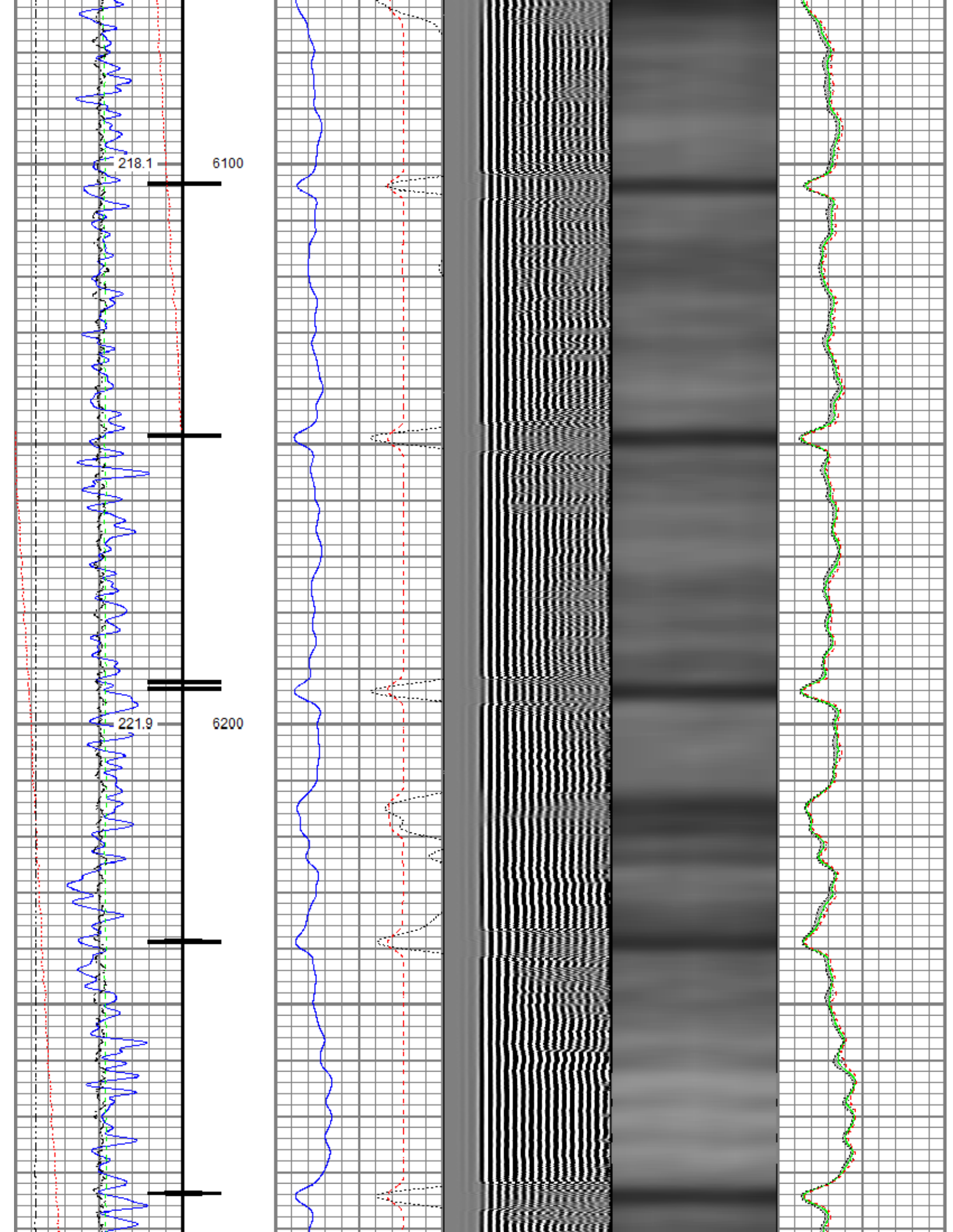


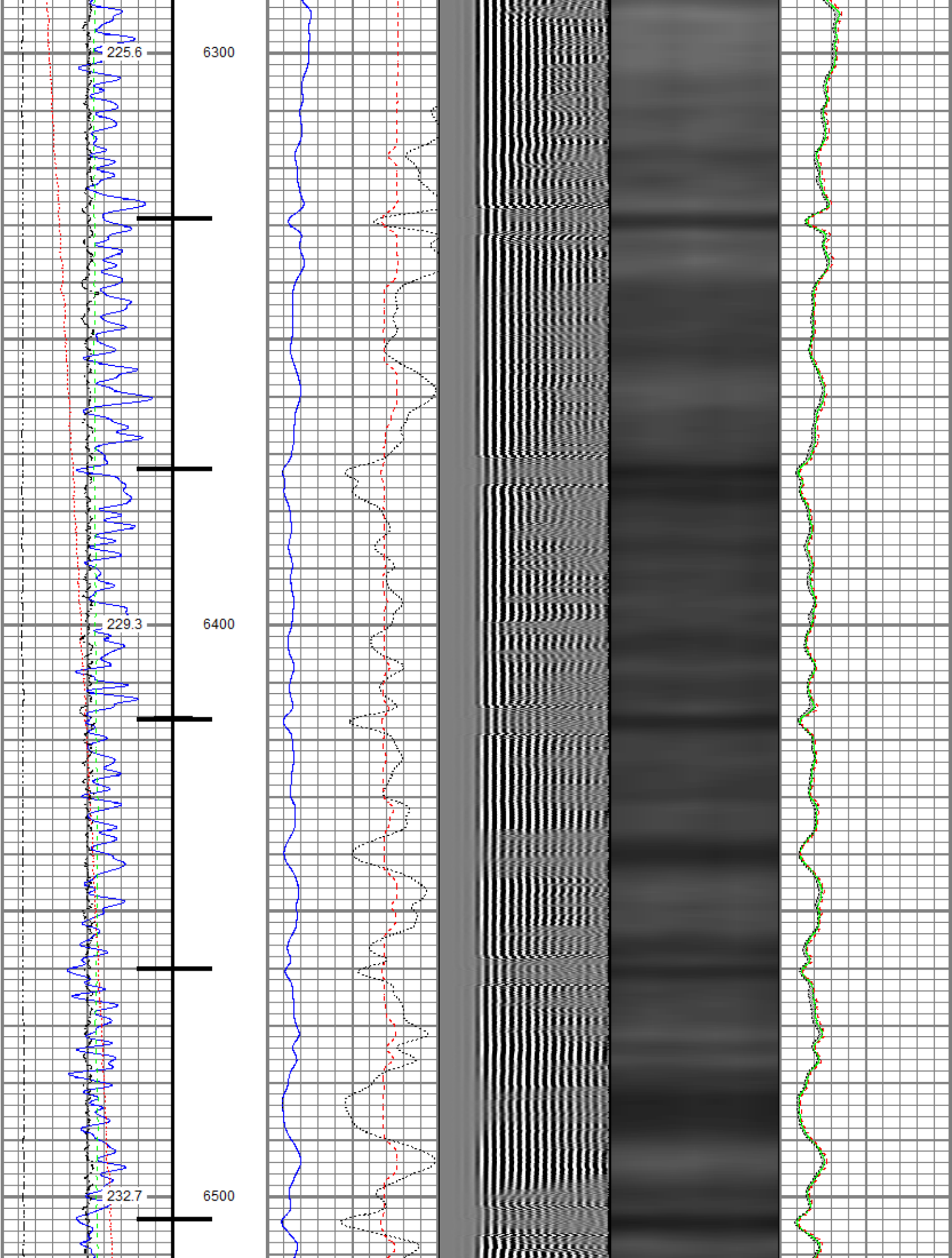


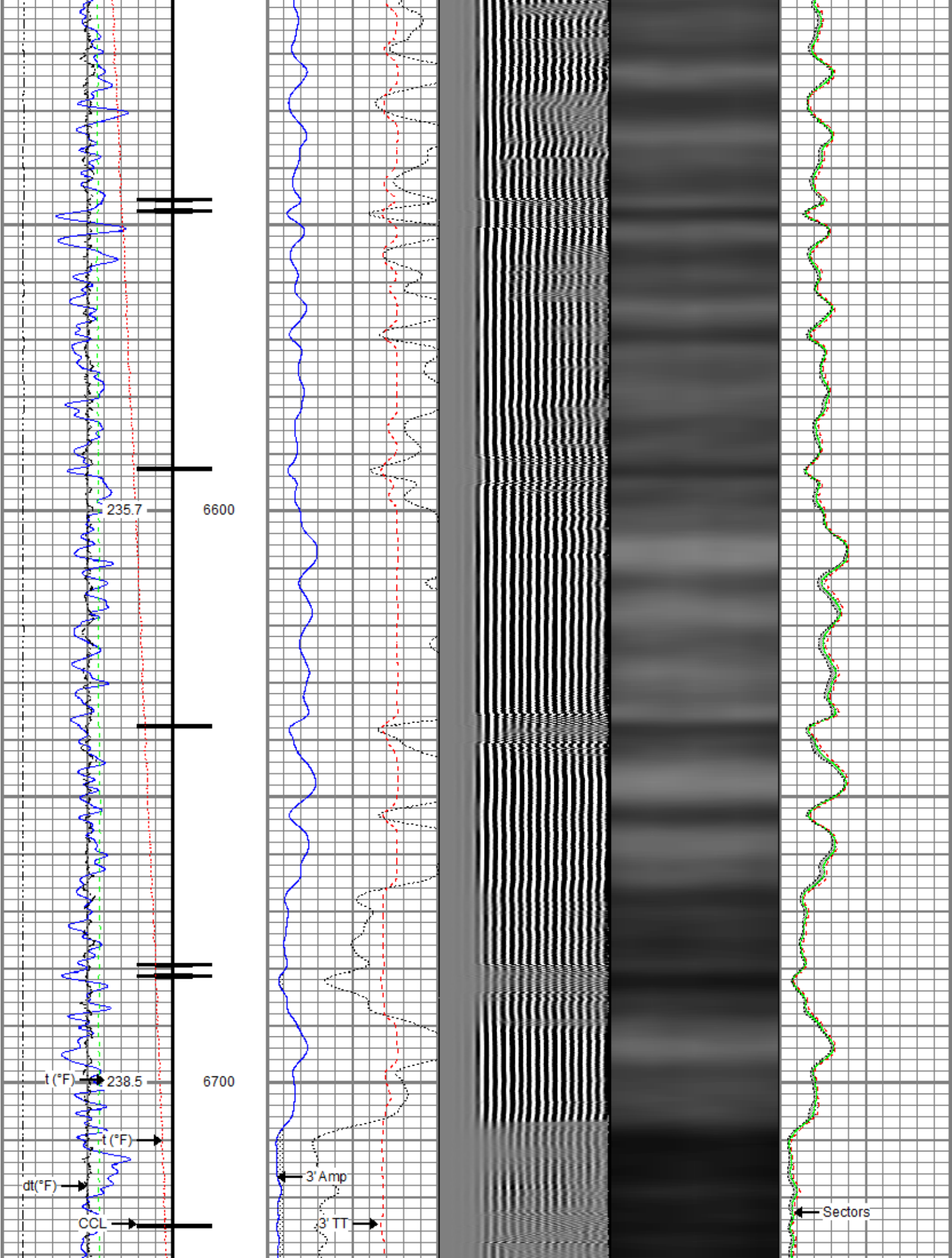


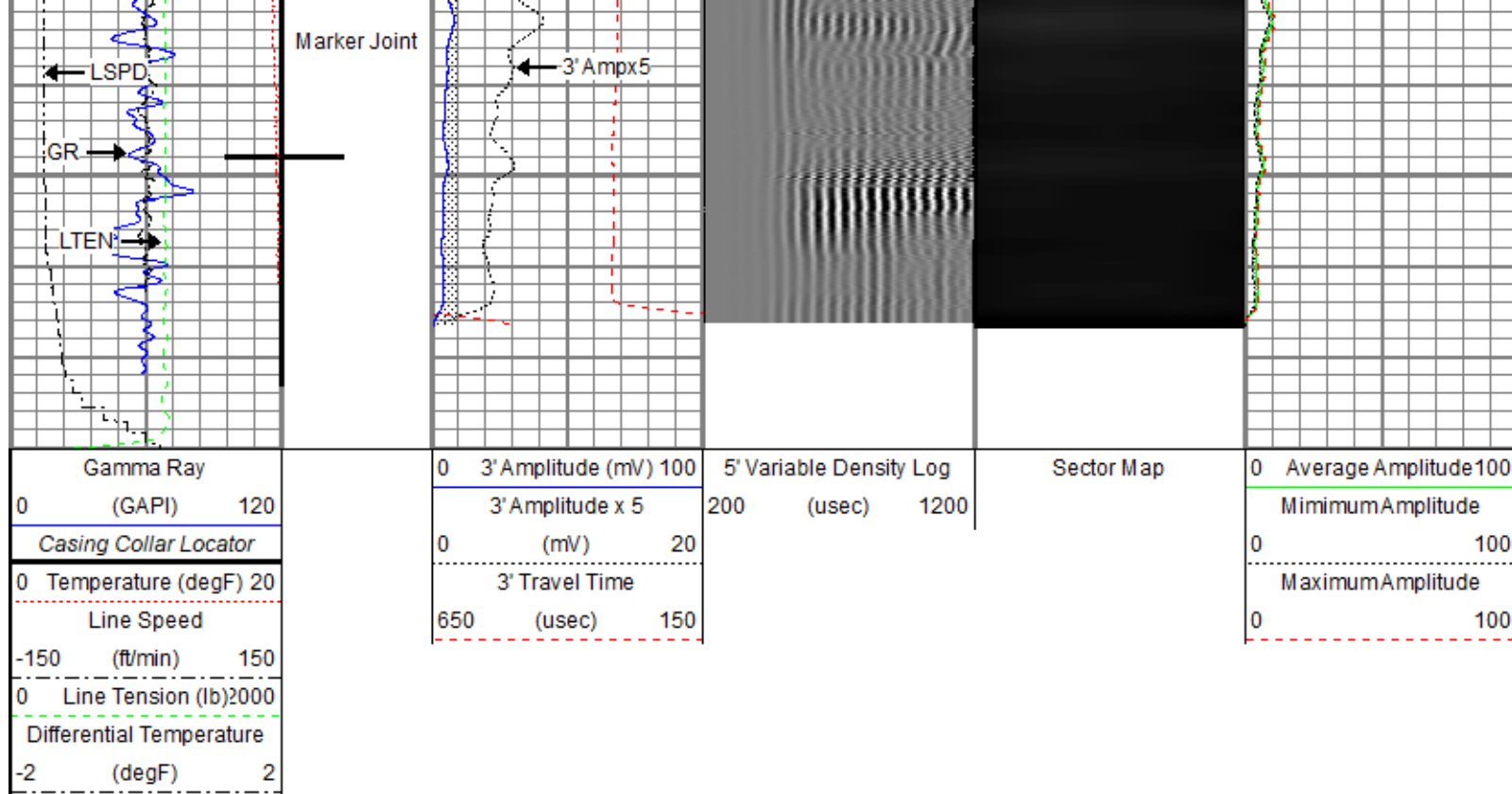








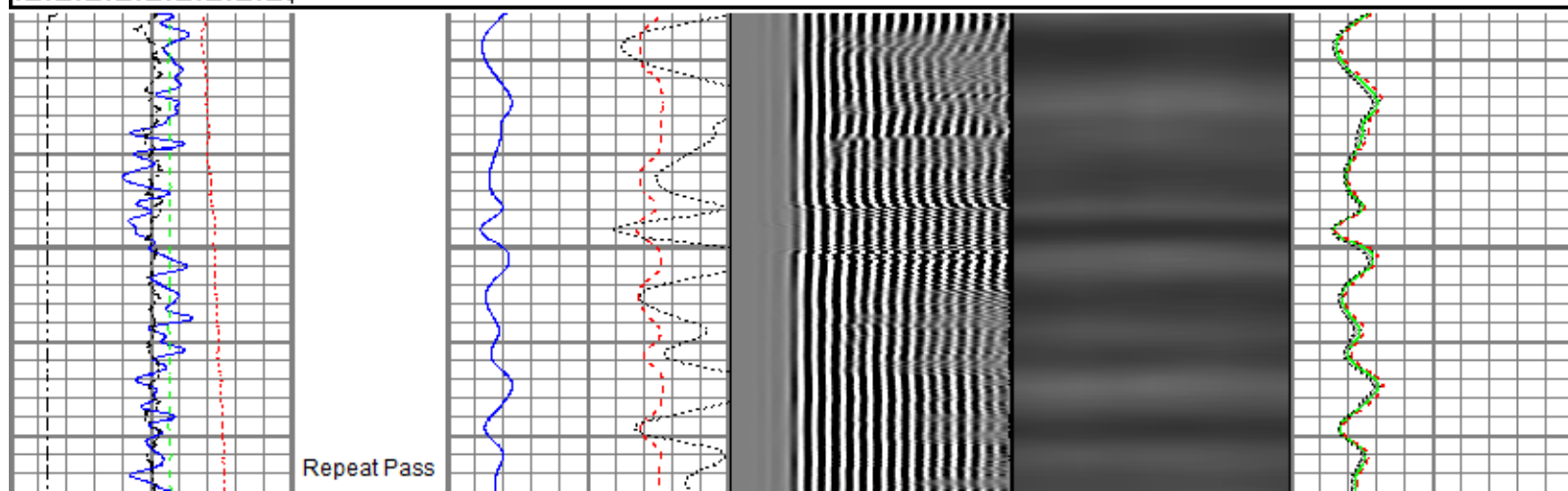
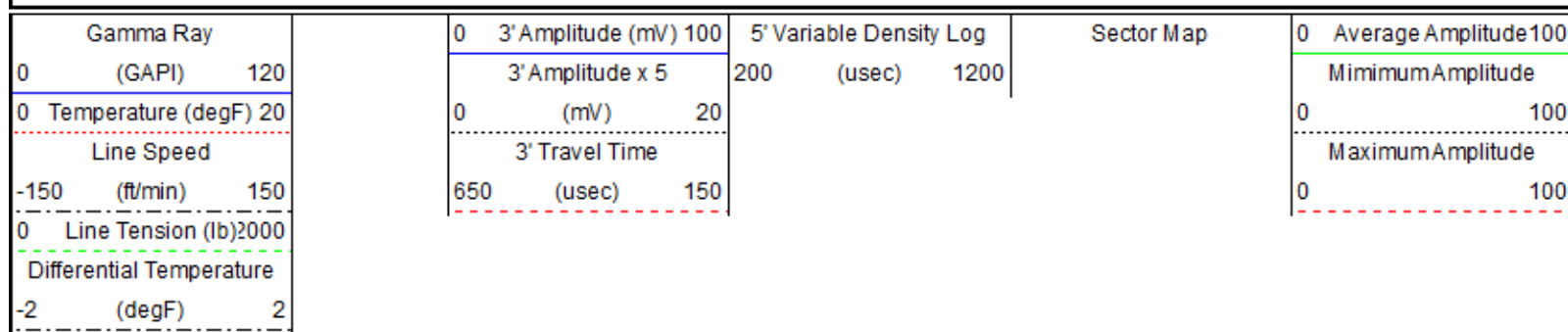


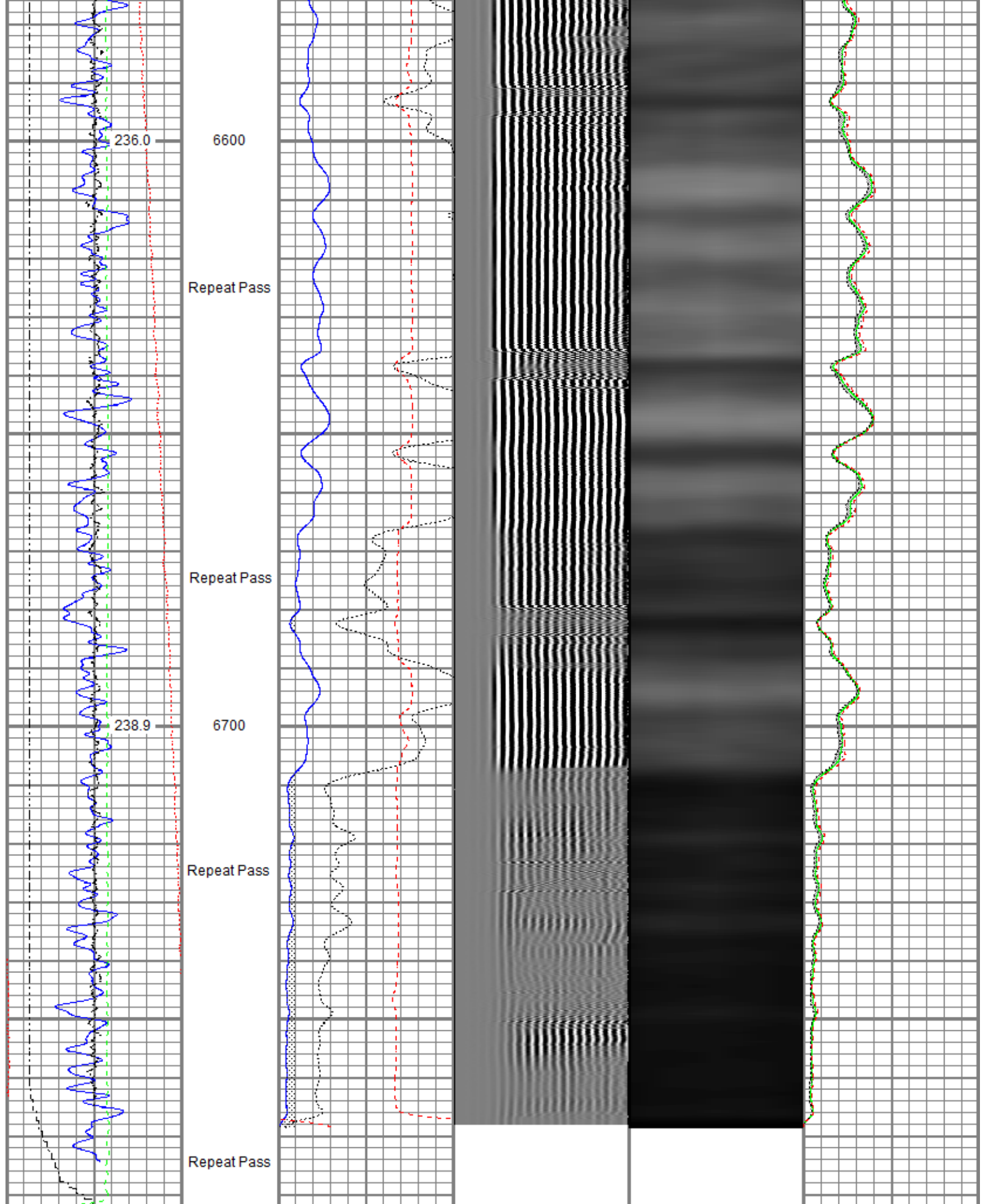


Repeat Pass

Recorded With 0 PSI Surface Induced Pressure

Database File oxy\0512350195_oxy_farley 23-1hz_rbl_12-03-19\processed_0512350195_oxy_farley 23-1hz_rbl_12-03-19.db
 Dataset Pathname pass2.2
 Presentation Format ros_radrii
 Dataset Creation Thu Dec 05 09:37:16 2019
 Charted by Depth in Feet scaled 1:240






Gamma Ray	0	3' Amplitude (mV)	100	5' Variable Density Log	Sector Map	0	Average Amplitude	100
(GAPI)	120	3' Amplitude x 5	200	(usec)			Minimum Amplitude	
Temperature (degF)	20	(mV)	20					100

Line Speed	3" Travel Time	Maximum Amplitude
-150 (ft/min) 150	650 (usec) 150	0 100
0 Line Tension (lb) 2000		
Differential Temperature		
-2 (degF) 2		

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Titan CHD-14375 GO Titan 1-7/16" Assembled Electric Cable Head with 1" Fishing Neck	1.03	1.44	3.60
			Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
TEMP	17.04					
WVFS8	14.81		Probe Radii-2750 RBT (FW1308-091) Probe 2-3/4" Radial Cement Bond Tool with Integral Temperature Sub	9.39	2.75	105.00
WVFS7	14.81					
WVFS6	14.81					
WVFS5	14.81					
WVFS4	14.81					
WVFS3	14.81					
WVFS2	14.81					
WVFS1	14.81					
WVFCAL	14.81					
WVF3FT	14.81					
WVF5FT	13.81					
			Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
CCL\$2	6.80					
CCL\$1	6.80					
GR	5.46		Probe GR-CCL-2750 6PB (FW1810-001) Probe 2-3/4" rev.1 Digital Scintillation Gamma Ray/CCL Combined with 6 Pin Bottom for CNT	4.80	2.75	55.00
			Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00

LOCTIM	0.00				
UTCTIM	0.00				
Dataset: pocessed_0512350195_oxy_farley 23-1hz_rbl_12-03-19.db: field/well/run1/pass4.1 Total length: 23.86 ft Total weight: 223.60 lb O.D.: 2.75 in					

Calibration Report		
Database File	c:\programdata\warrior\data\oxy\0512350195_oxy_farley 23-1hz_rbl_12-03-19\pocessed_0512350195_oxy_farley 23-1hz_rbl_1	
Dataset Pathname	pass4.1	
Dataset Creation	Wed Dec 04 08:39:03 2019	
Gamma Ray Calibration Report		
Serial Number:	FW1810-001	
Tool Model:	2750 6PB	
Performed:	Sat Nov 10 12:22:37 2018	
Calibrator Value:	637.0	GAPI
Background Reading:	100.1	cps
Calibrator Reading:	1264.5	cps
Sensitivity:	0.5471	GAPI/cps

Segmented Cement Bond Log Calibration Report					
Serial Number:	FW1308-091				
Tool Model:	2750 RBT				
Calibration Casing Diameter:	5.500	in			
Calibration Depth:	30.020	ft			

Master Calibration, performed (Derived):						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.000	0.568	0.800	71.921	125.296	0.796
CAL	0.006	0.649				
5'	-0.013	0.496	0.800	71.921	139.669	2.679
SUM						
S1	0.000	0.564	0.000	100.000	177.172	-0.004
S2	0.000	0.564	0.000	100.000	177.204	-0.005
S3	0.000	0.566	0.000	100.000	176.756	-0.004
S4	0.000	0.568	0.000	100.000	175.997	-0.005
S5	0.000	0.580	0.000	100.000	172.483	-0.005
S6	0.000	0.594	0.000	100.000	168.408	-0.005
S7	0.000	0.577	0.000	100.000	173.198	-0.005
S8	0.000	0.579	0.000	100.000	172.846	-0.004

Air Zero Calibration, performed Tue Dec 03 14:51:27 2019:			
	Raw (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
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

Temperature Calibration Report

Serial Number: FW1308-091
Tool Model: 2750 RBT
Performed: Mon Oct 01 11:32:16 2018

	Reference	Reading
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Low Reference:	100.00 degF	104.72 degF
High Reference:	350.00 degF	392.24 degF

Gain: 0.87
Offset: 8.94
Delta Spacing 1



Company	Kerr-McGee Oil & Gas Onshore, L.P.
Well	Farley 23-1HZ
Field	Wattenberg
County	Weld
State	Colorado