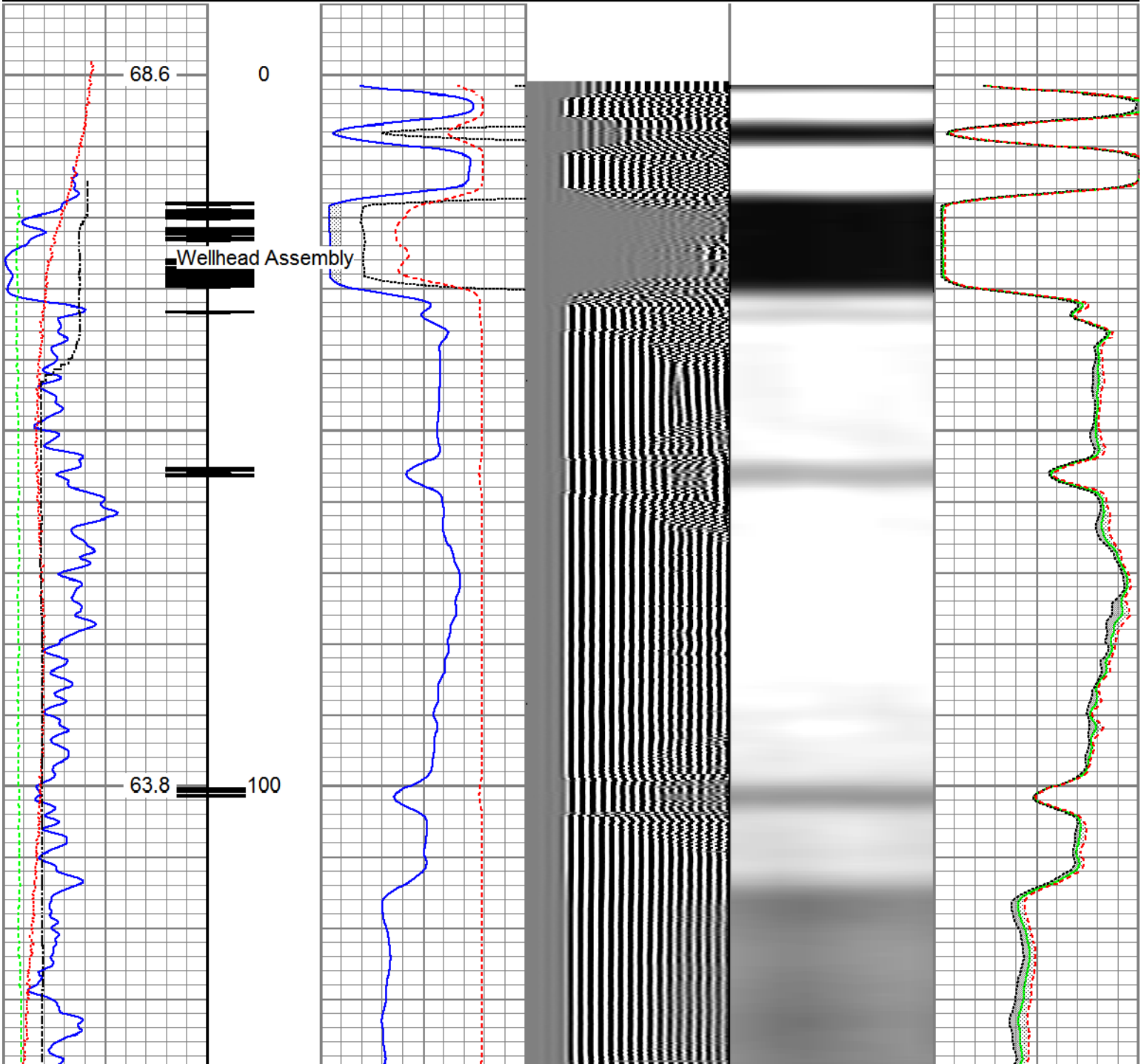
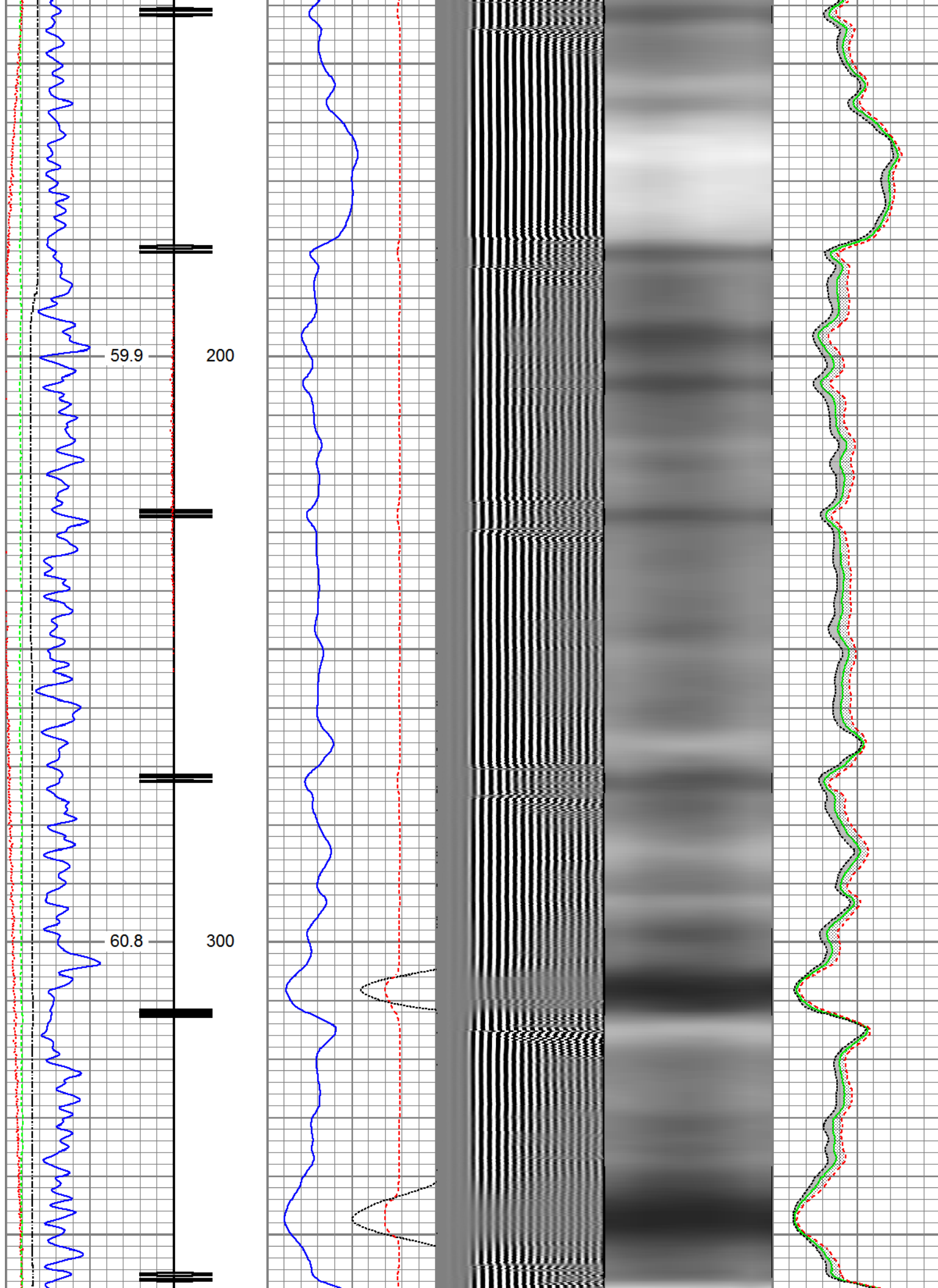
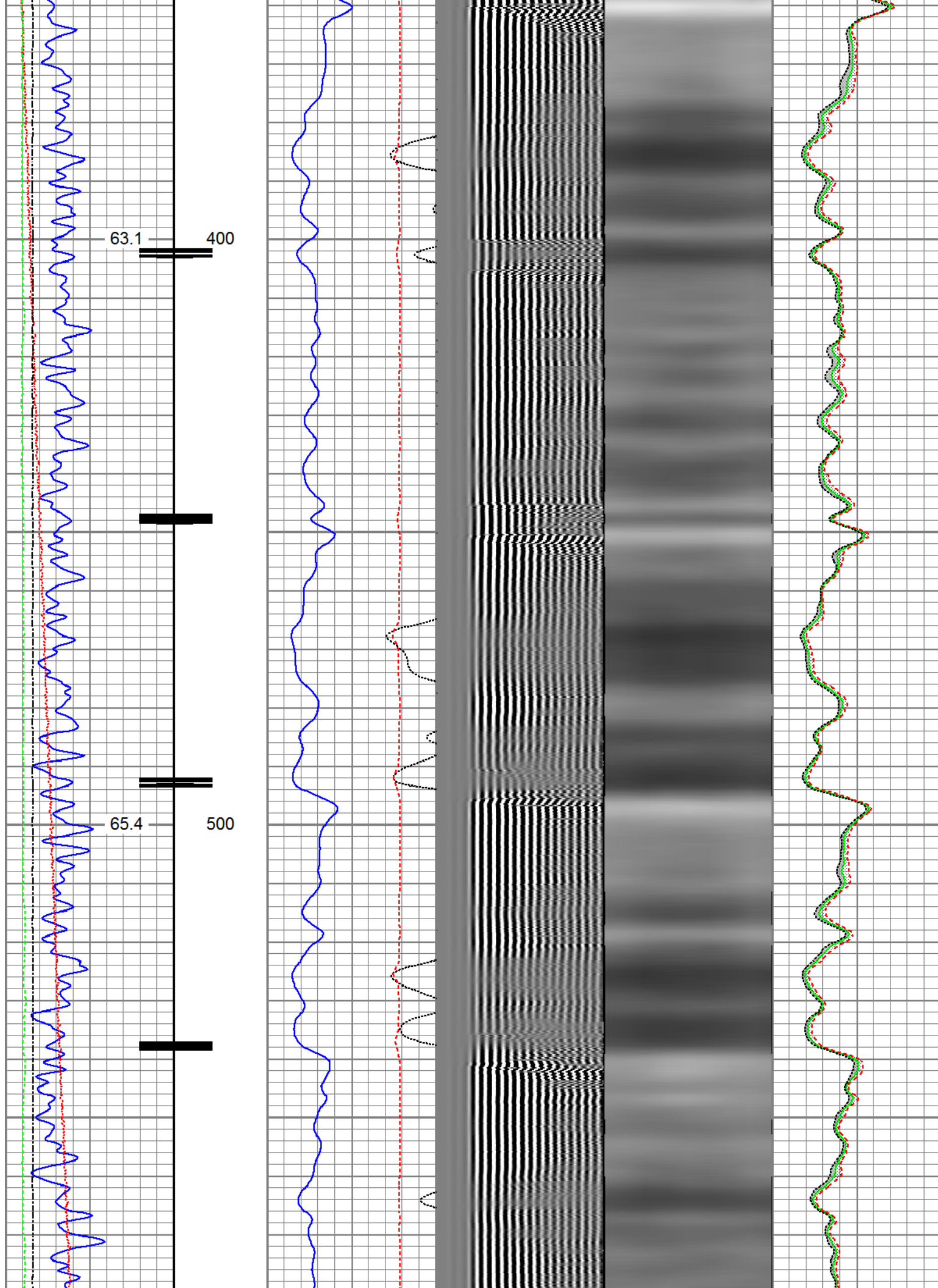


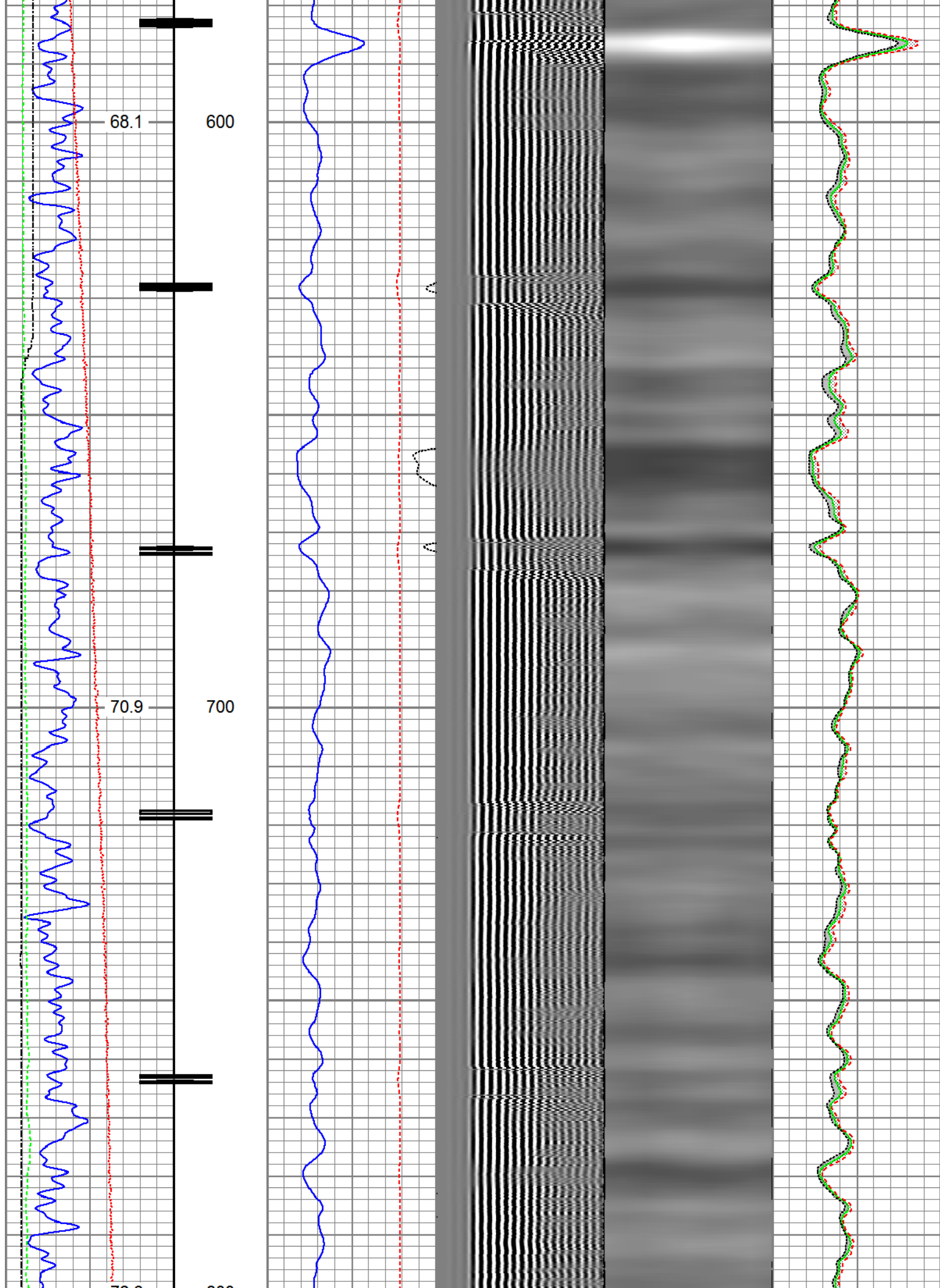
Recorded with 2800 PSI of Surface Induced Pressure

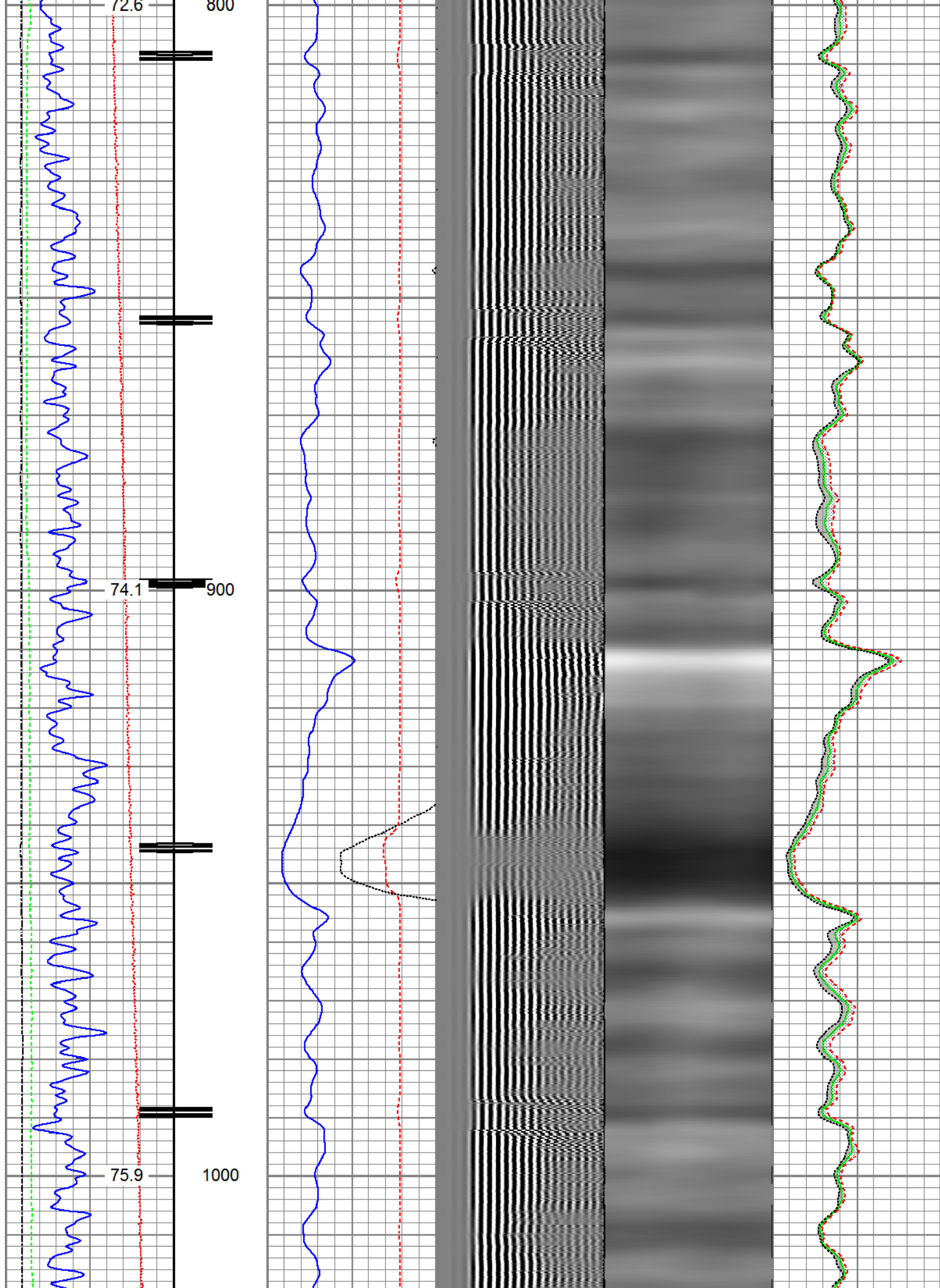
Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 120	0 (mV) 100	200 1200		0 100
Casing Collar Locator	3' Amplitude x 5			Minimum Amplitude
	0 (mV) 20			0 100
Temperature	3' Travel Time			Maximum Amplitude
0 (degF) 20	650 (usec) 150			0 100
Line Speed				
-150 (ft/min)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

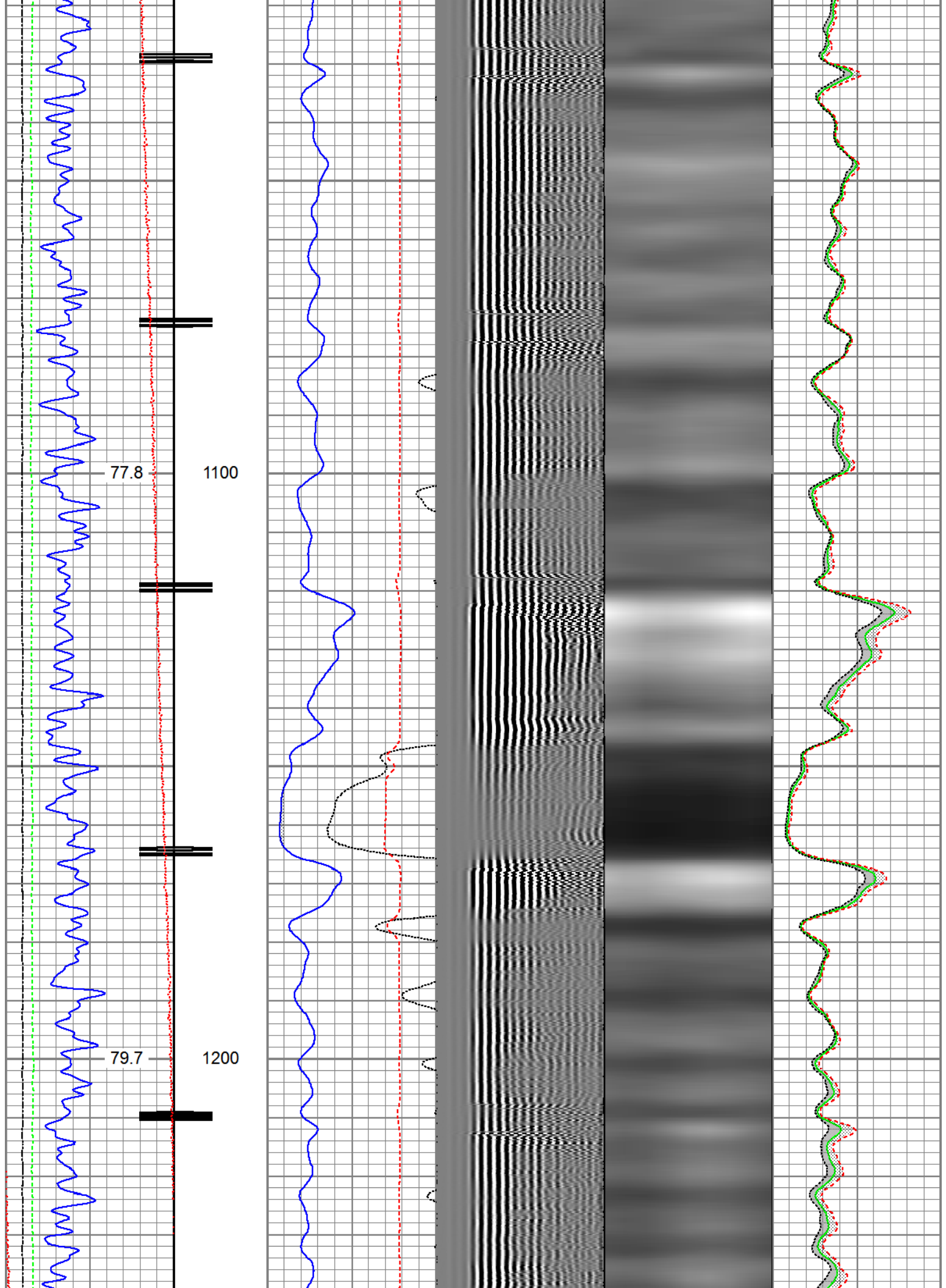


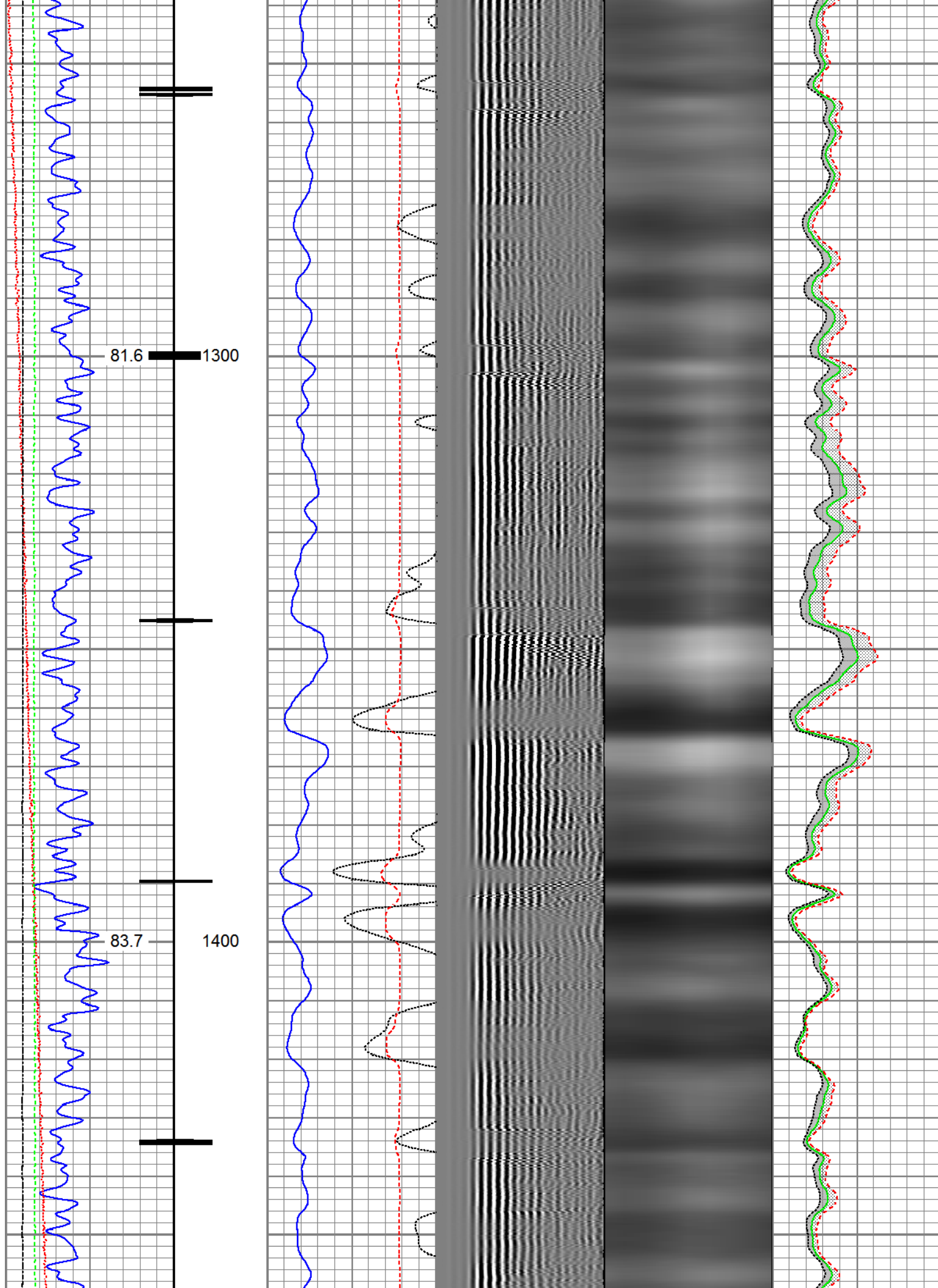


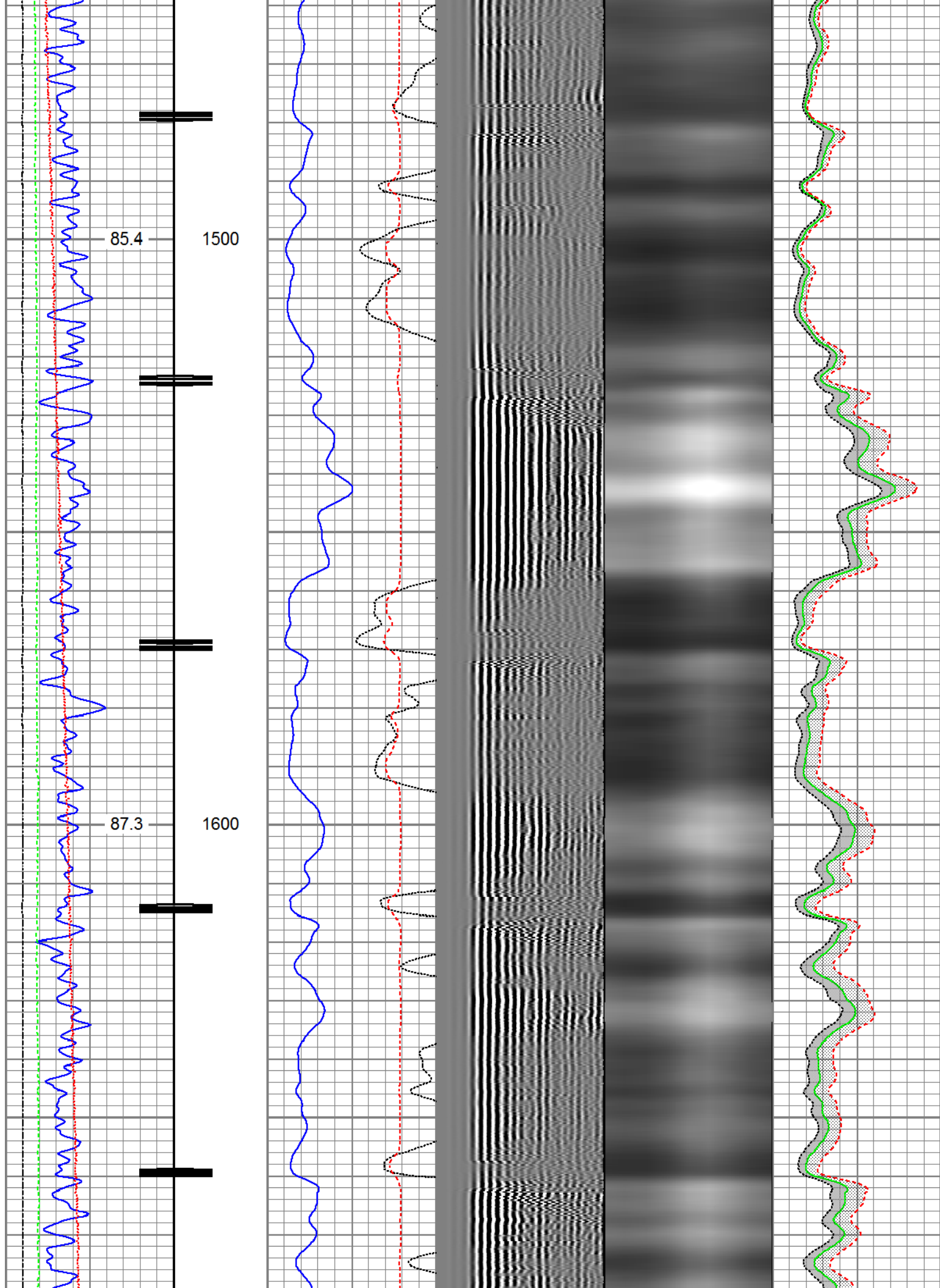


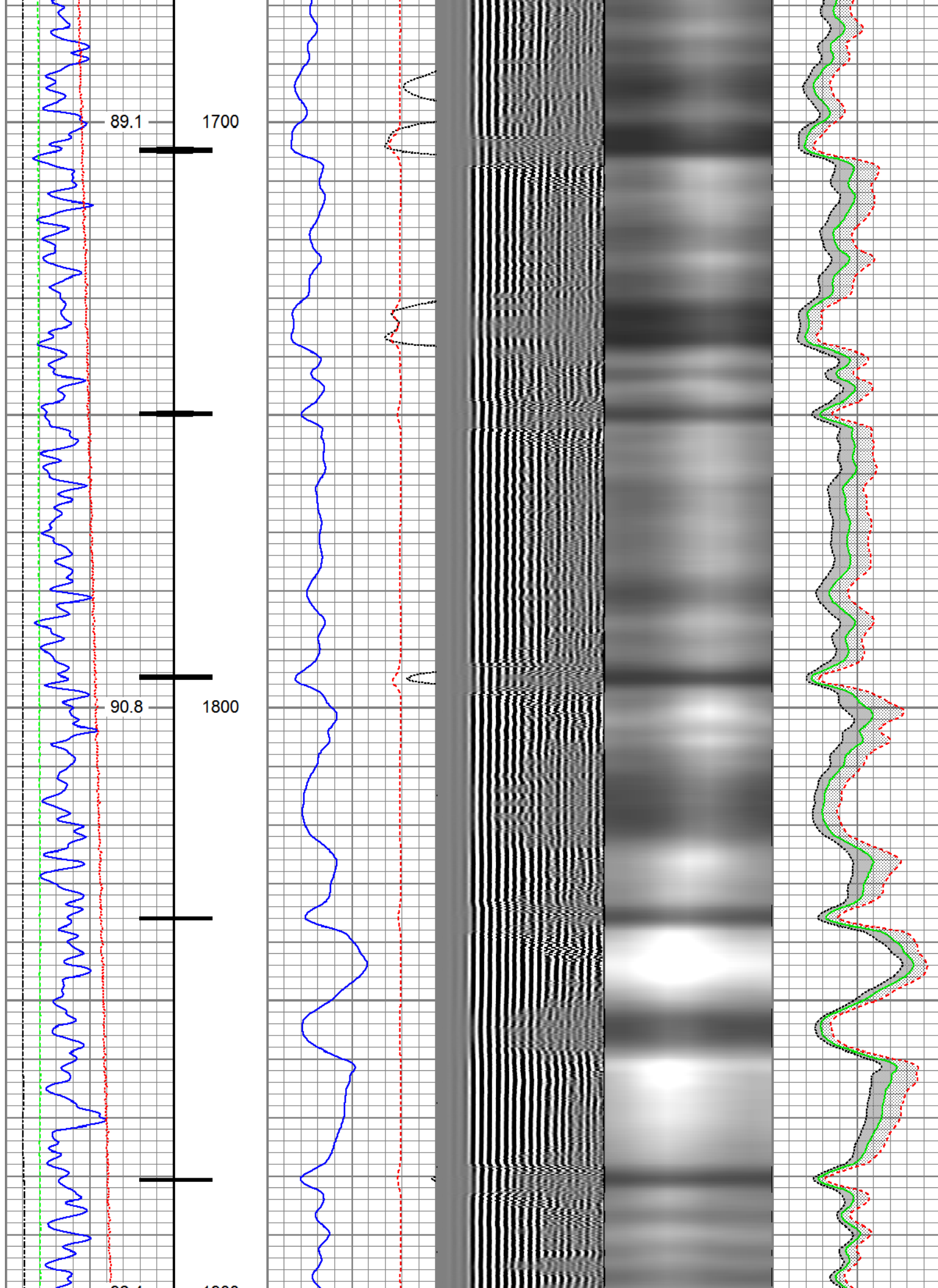


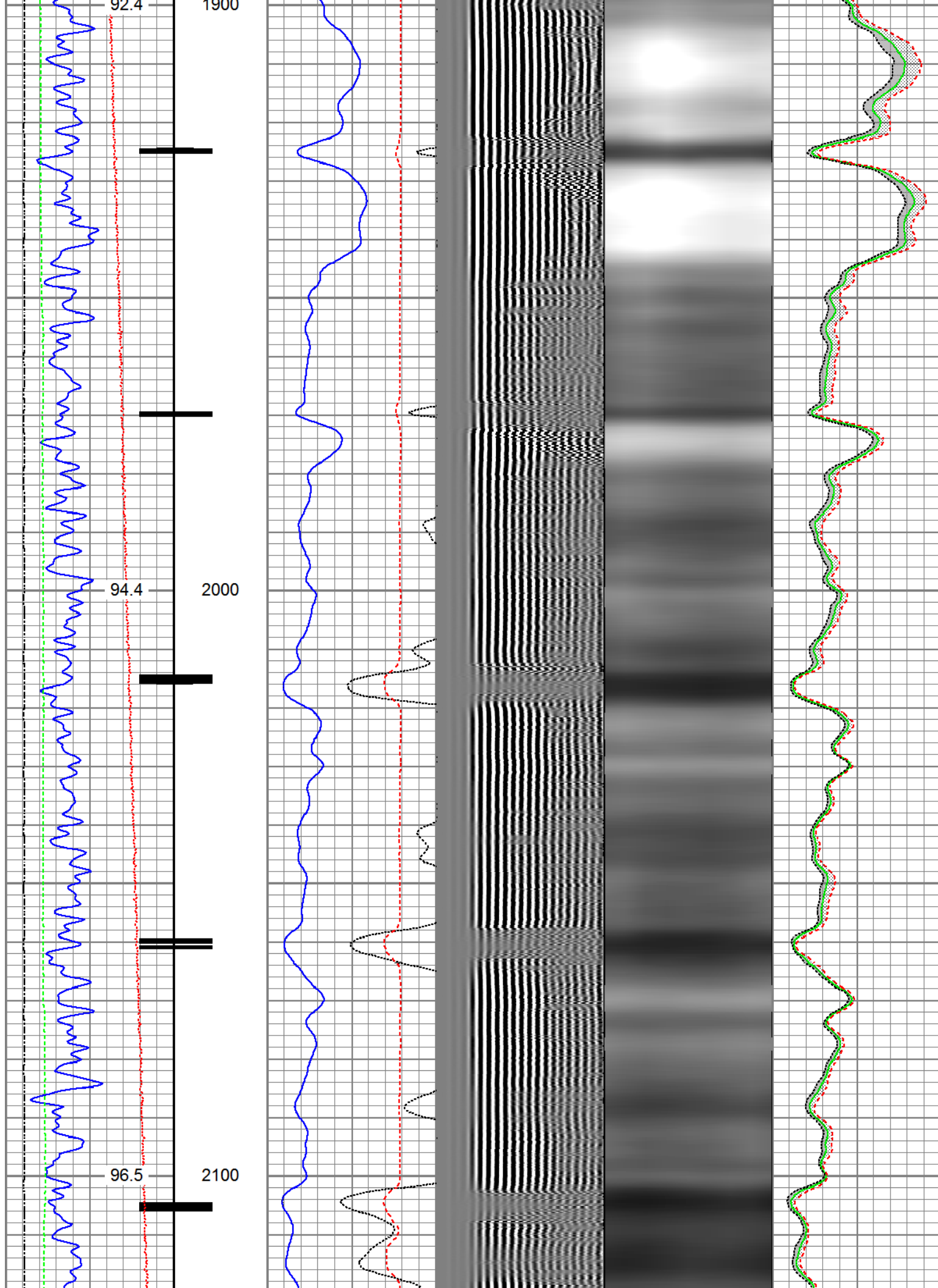


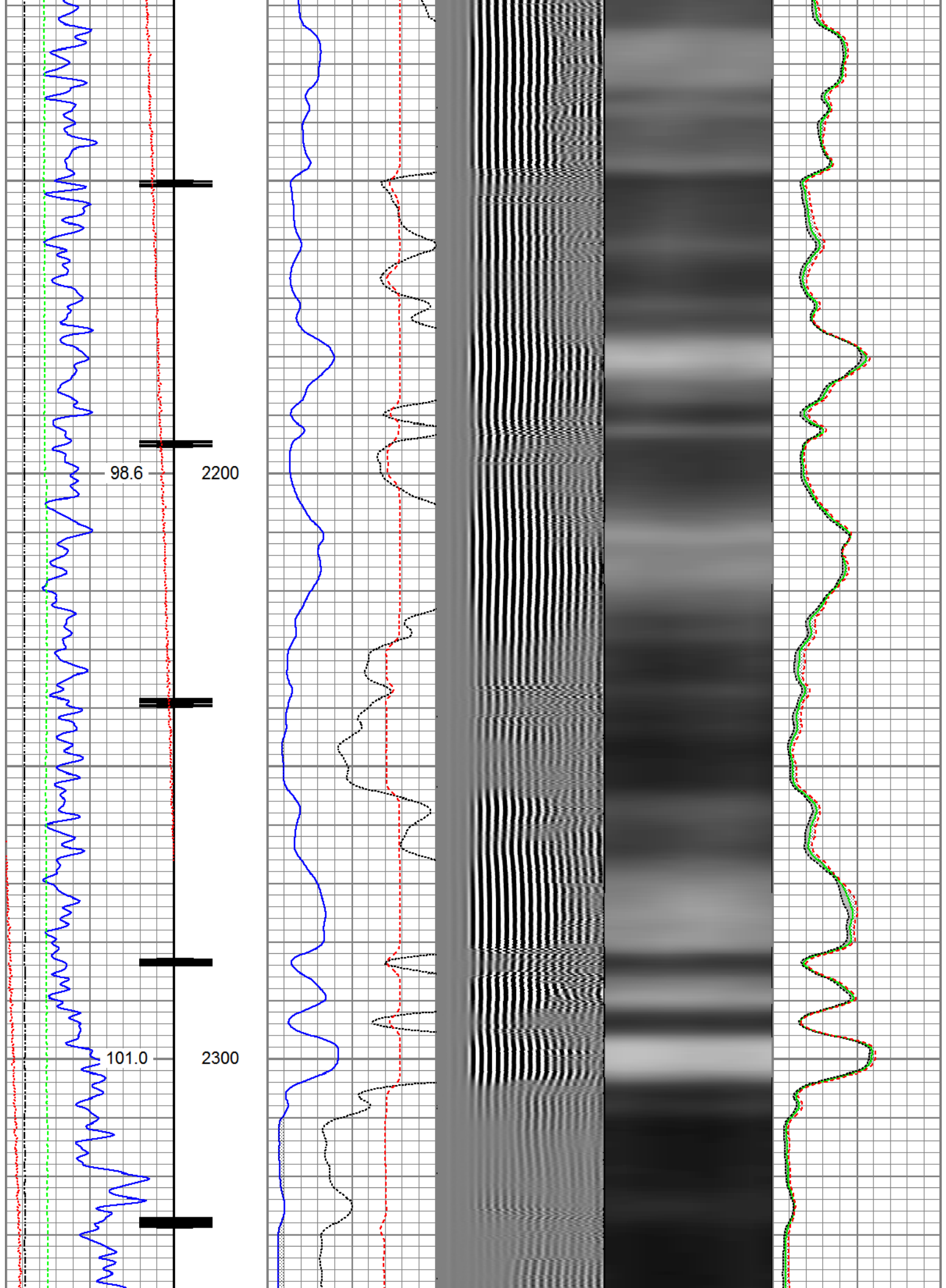


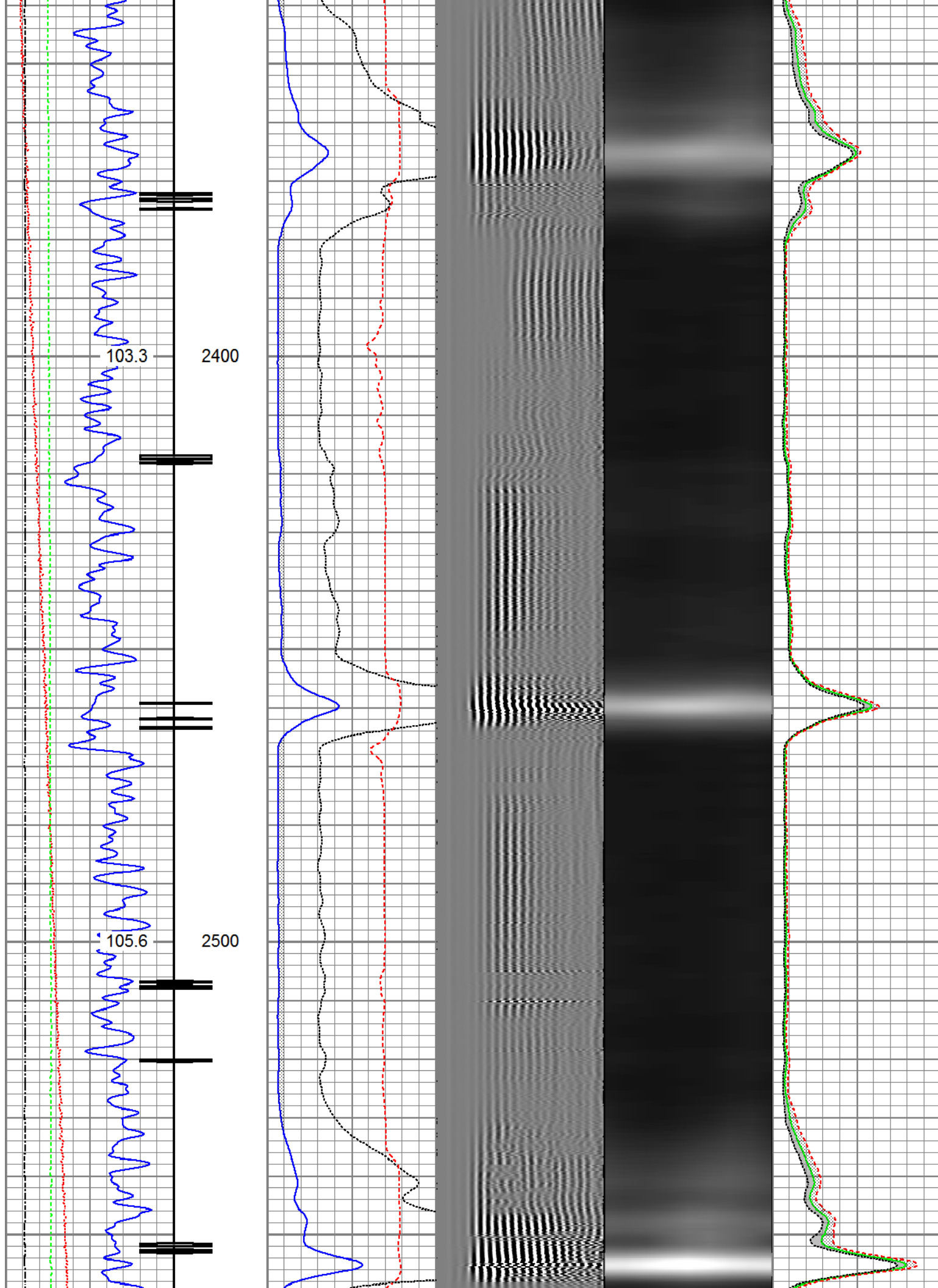


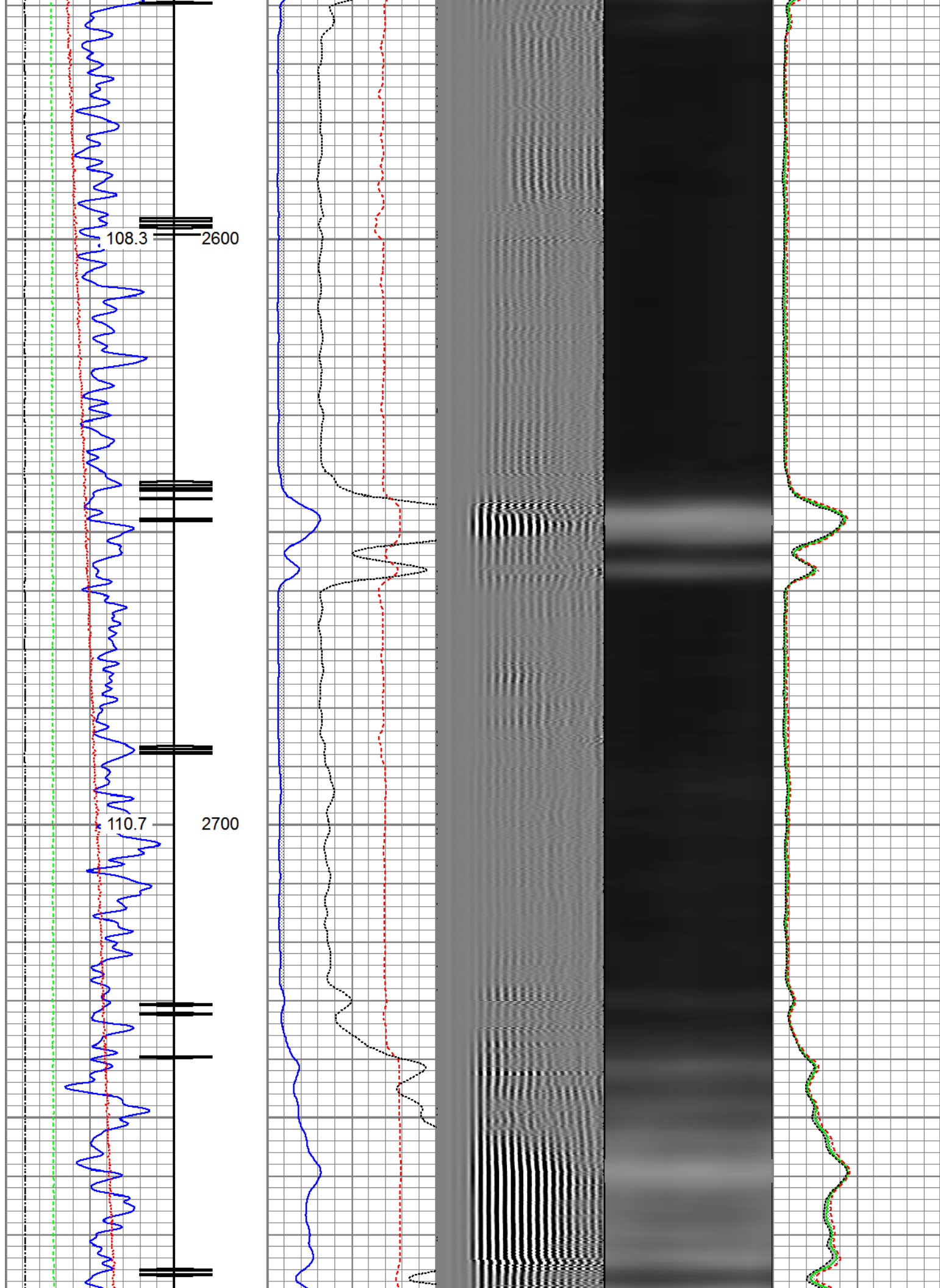


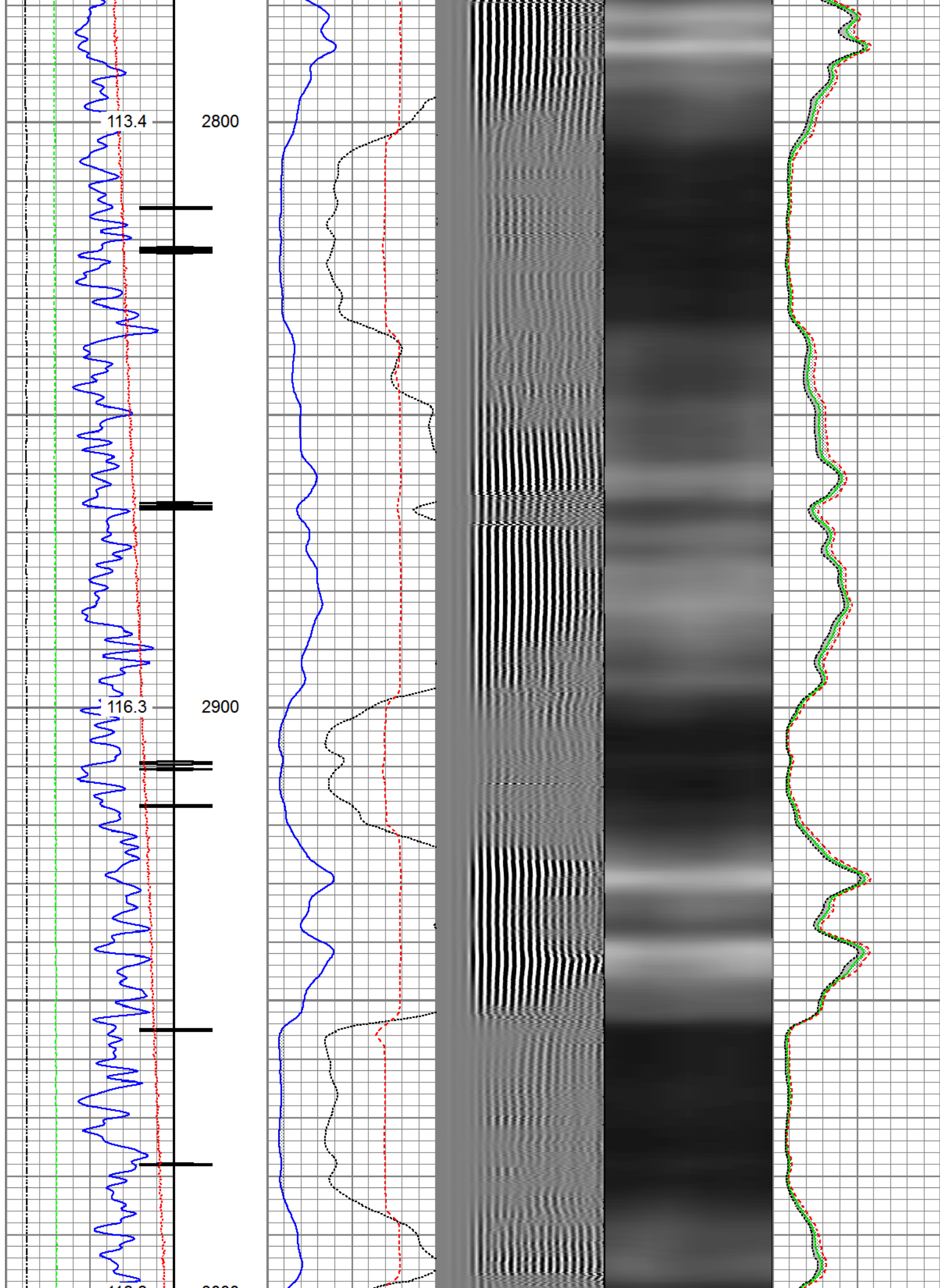


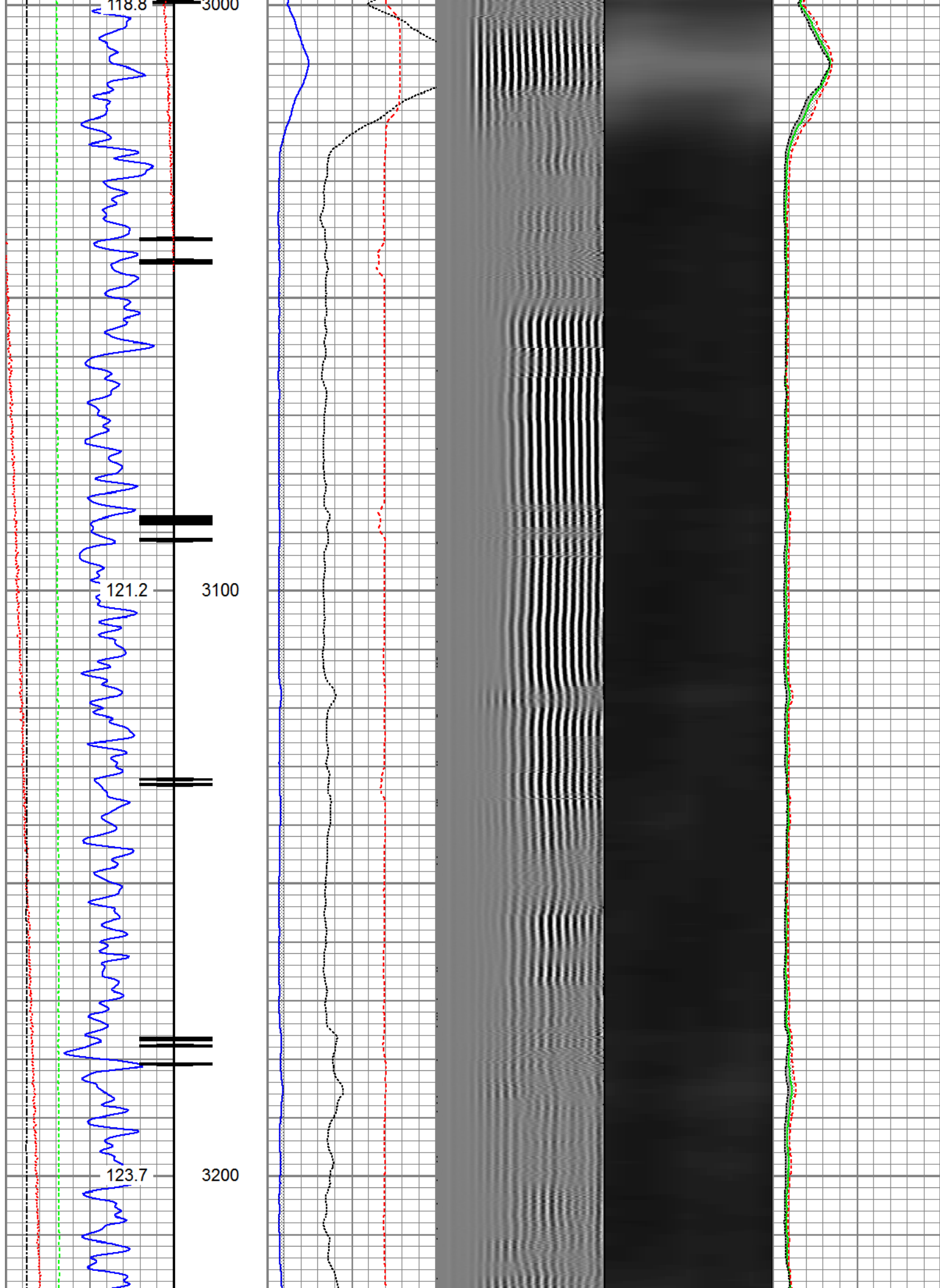


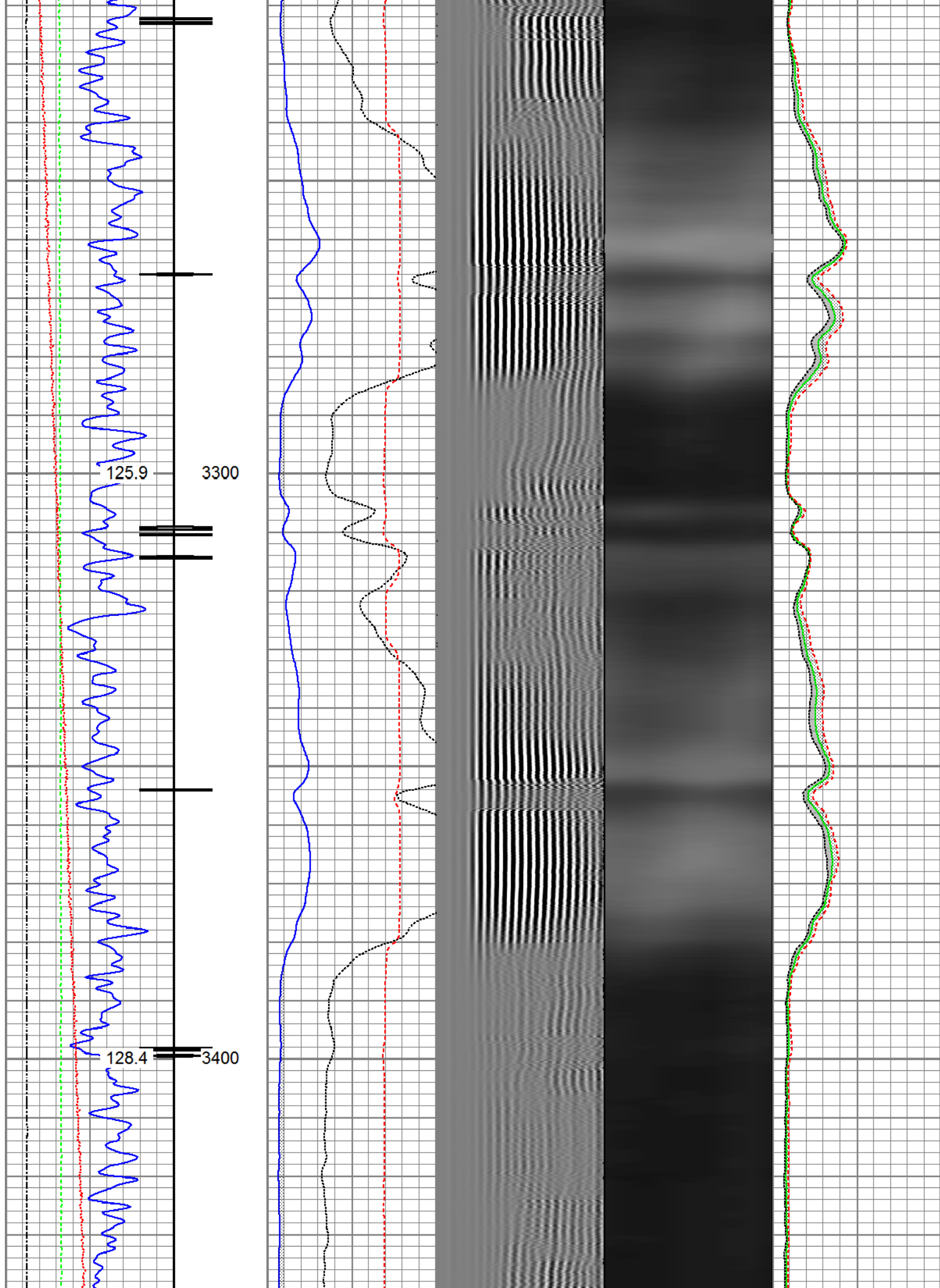


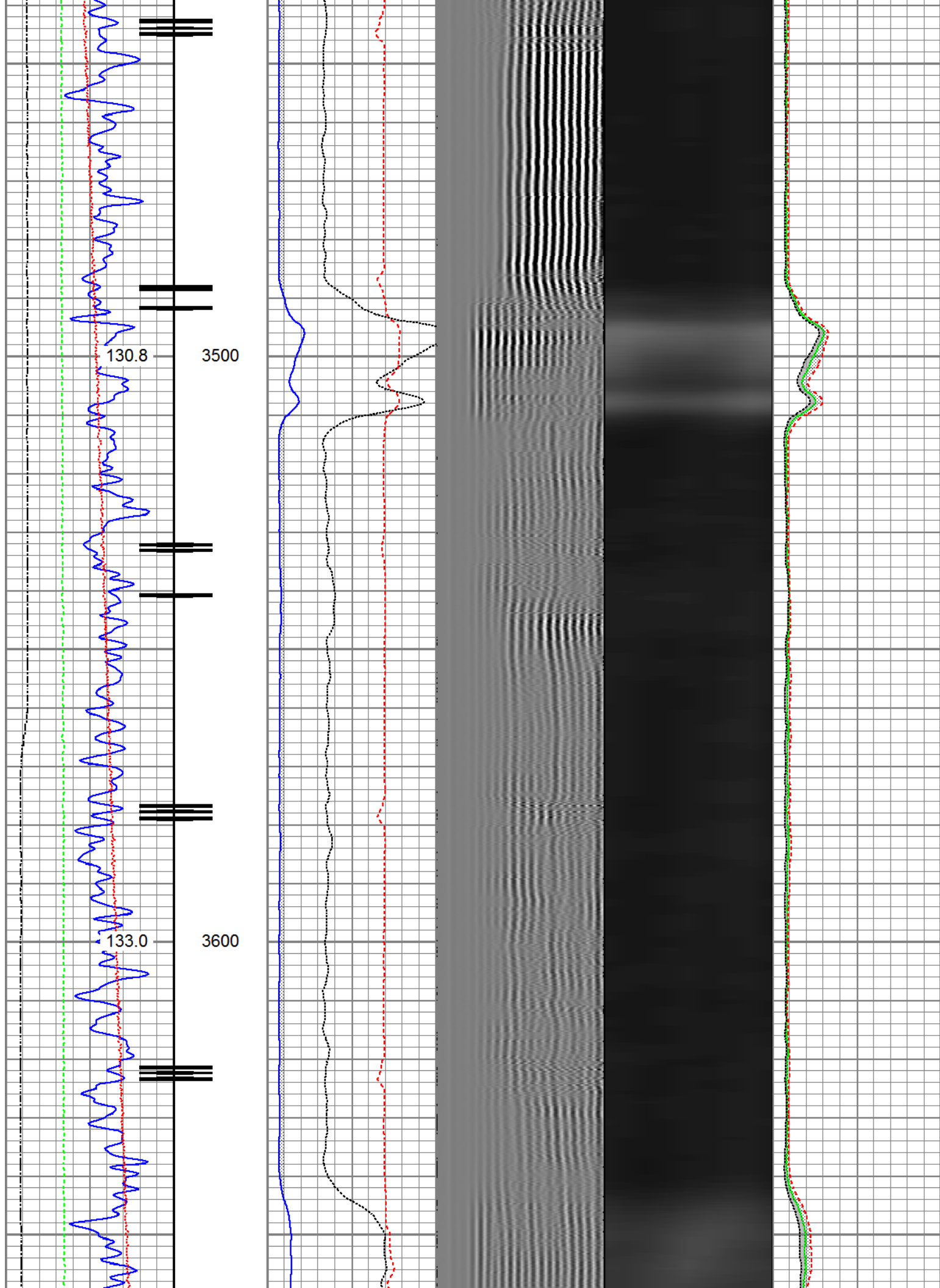


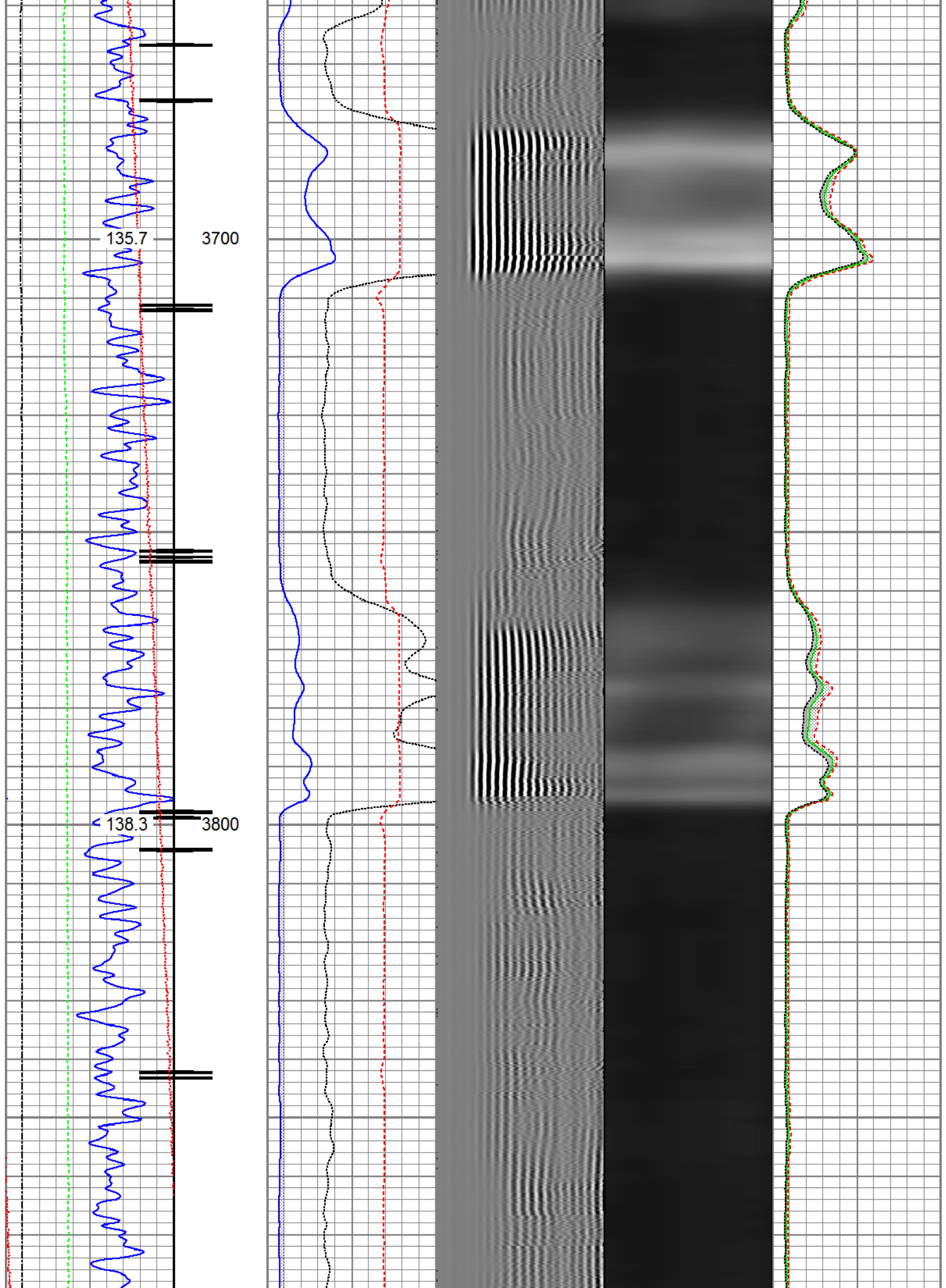


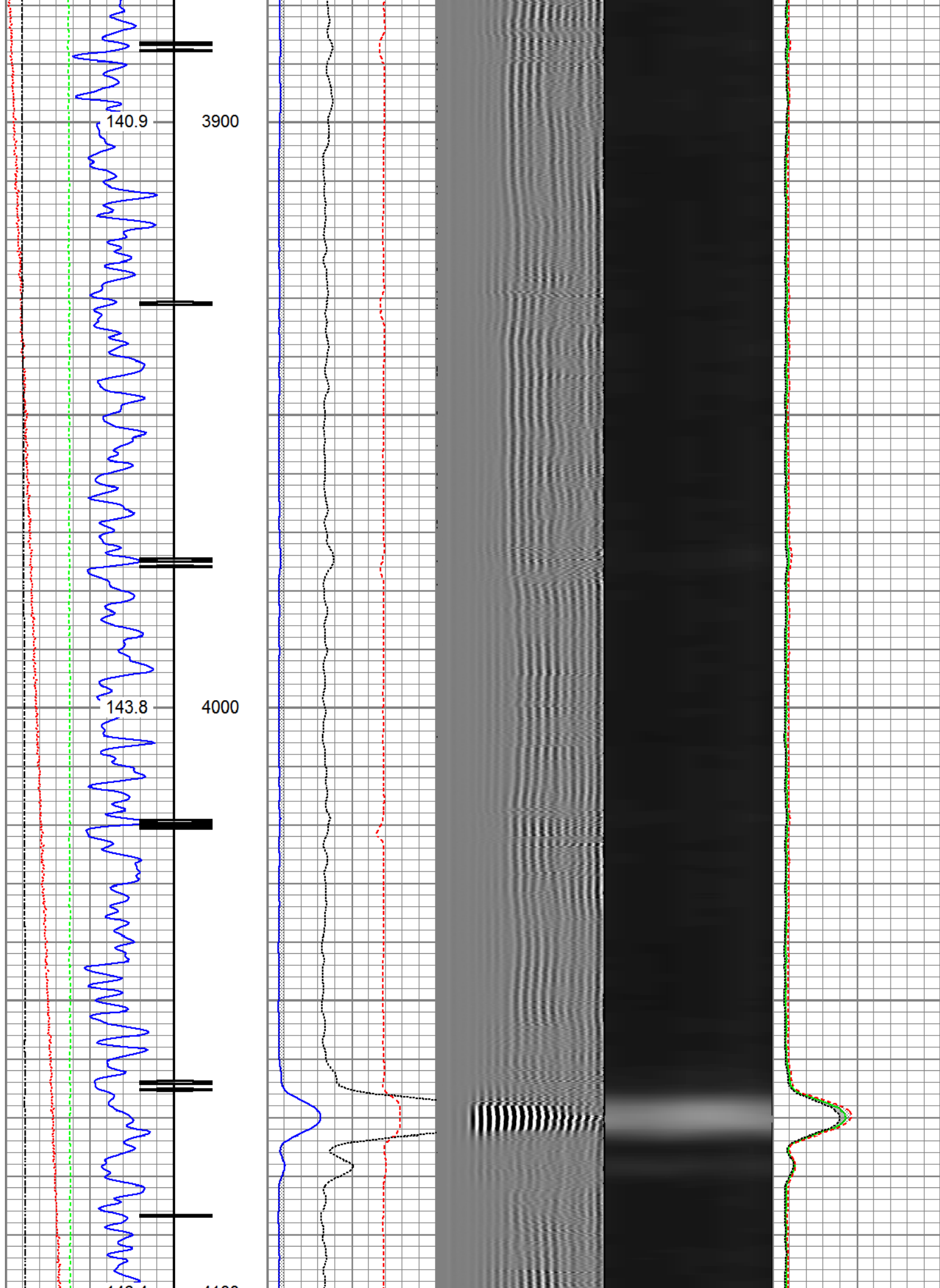


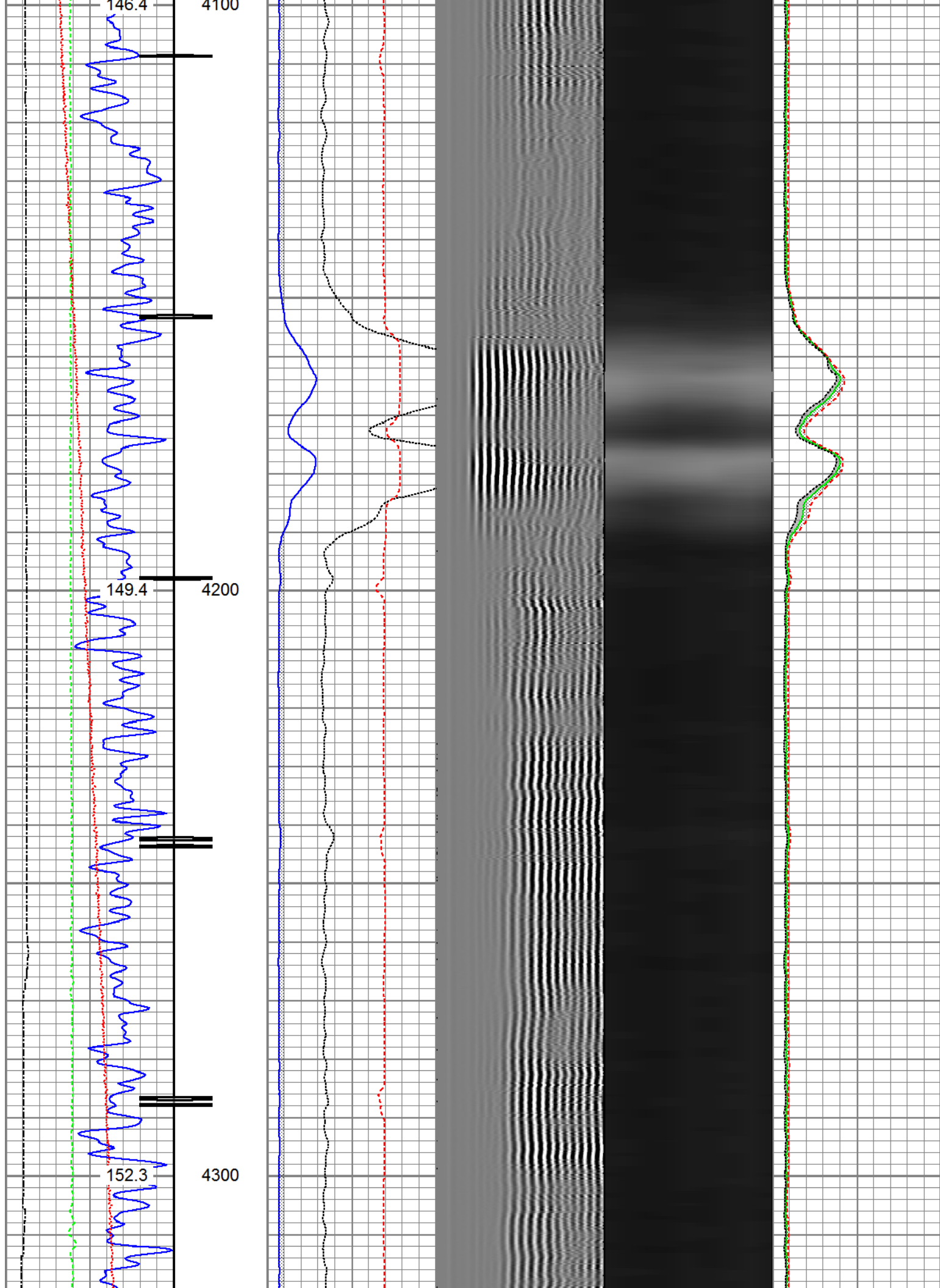


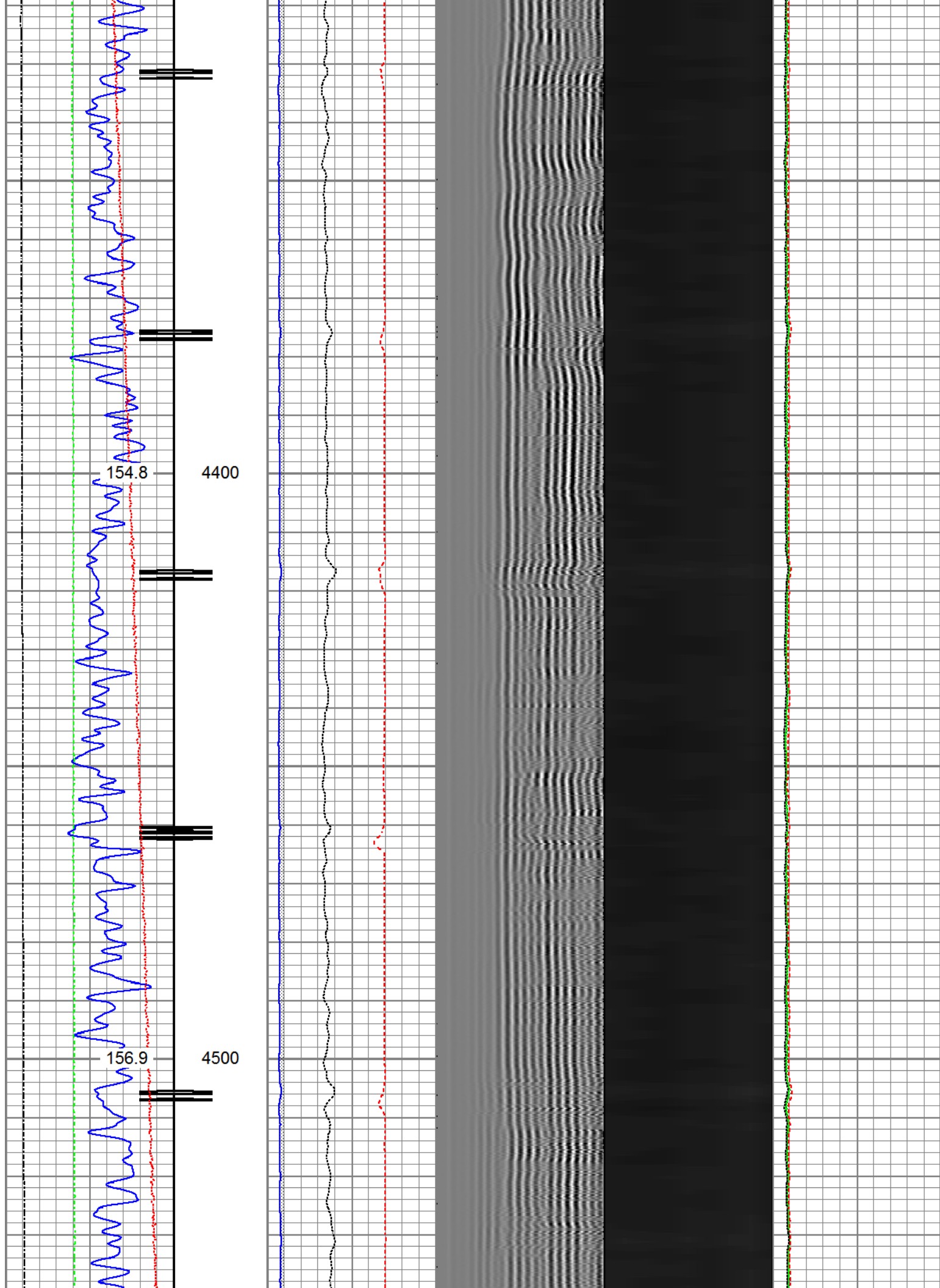


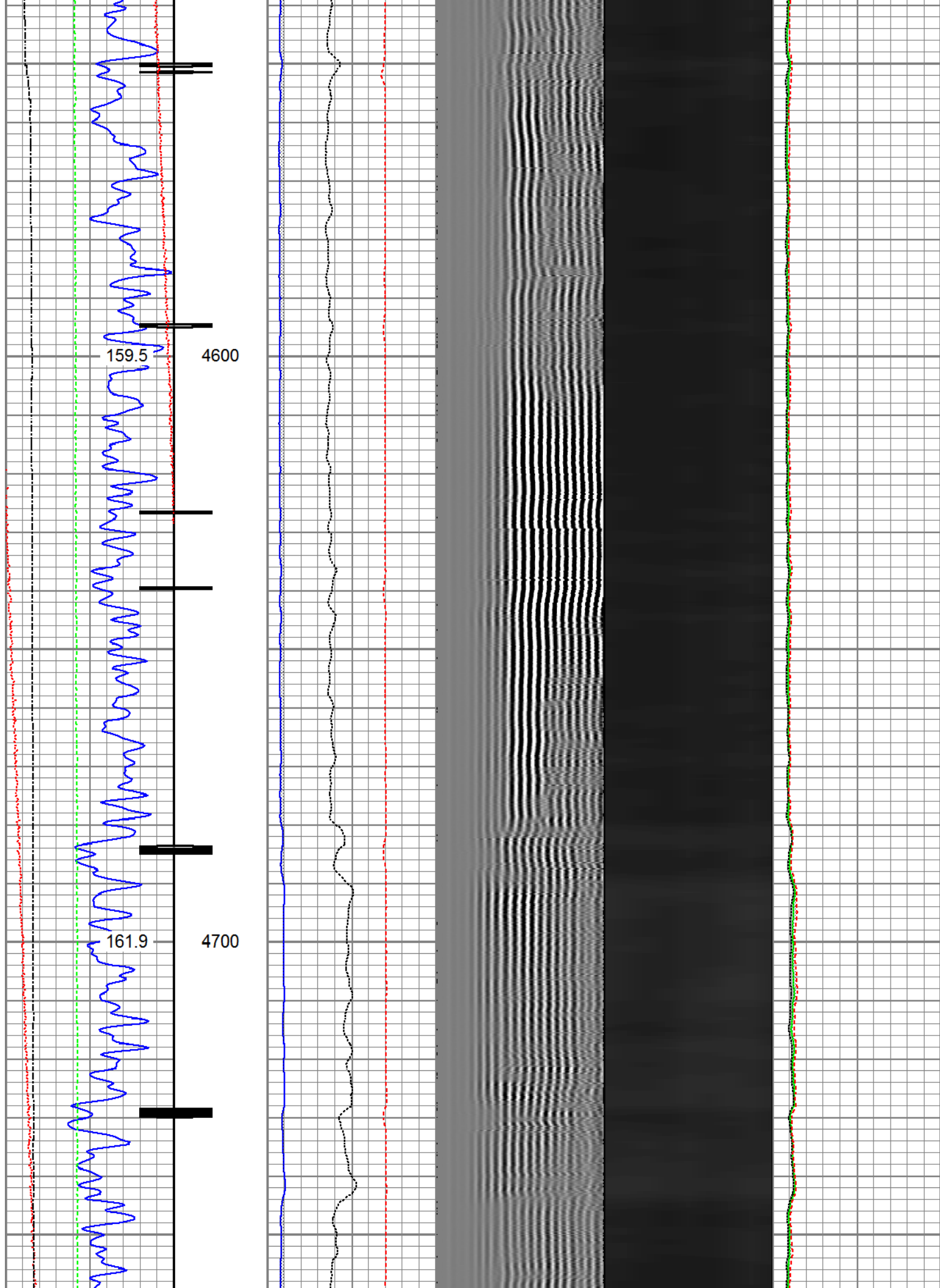


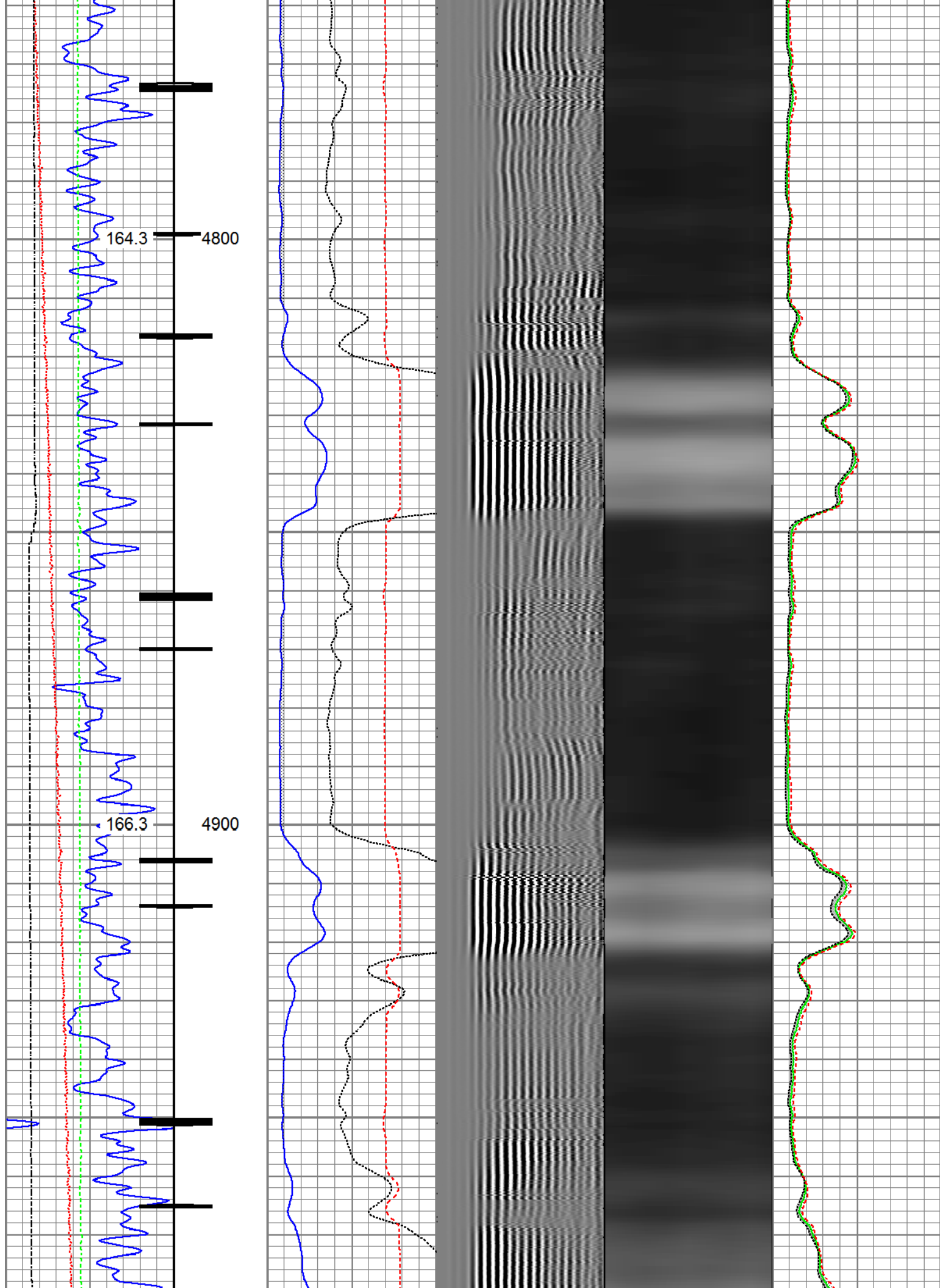


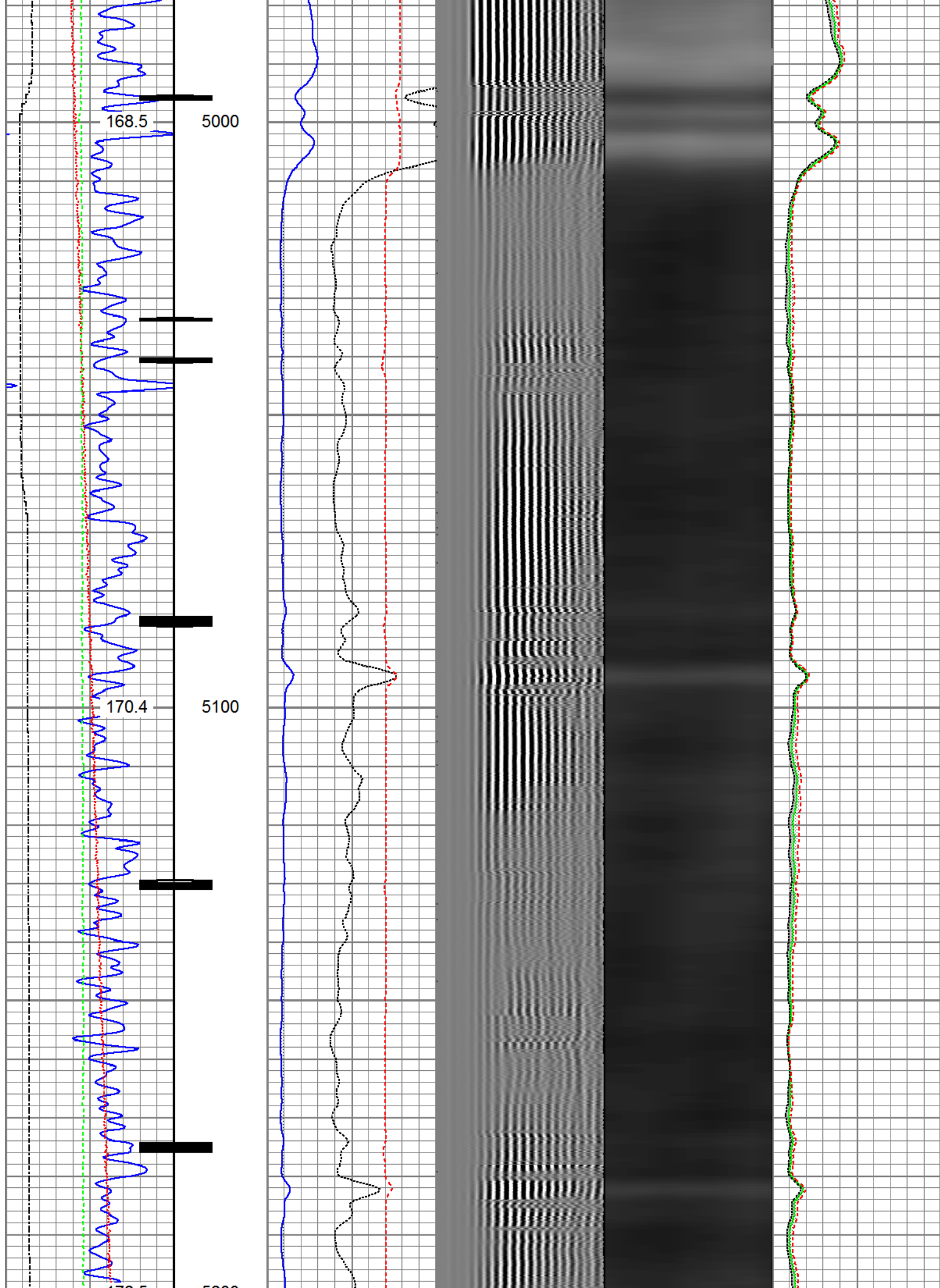


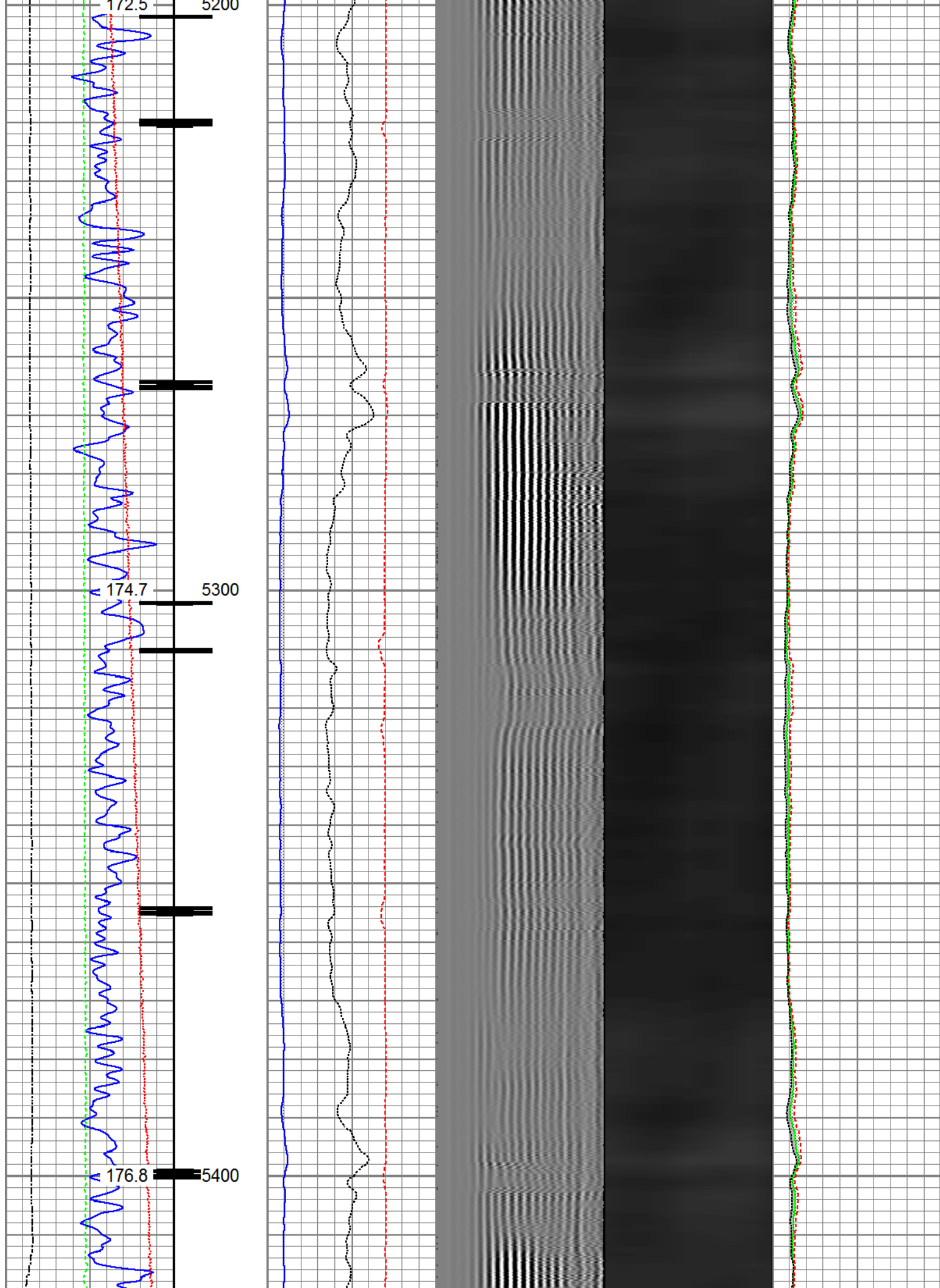


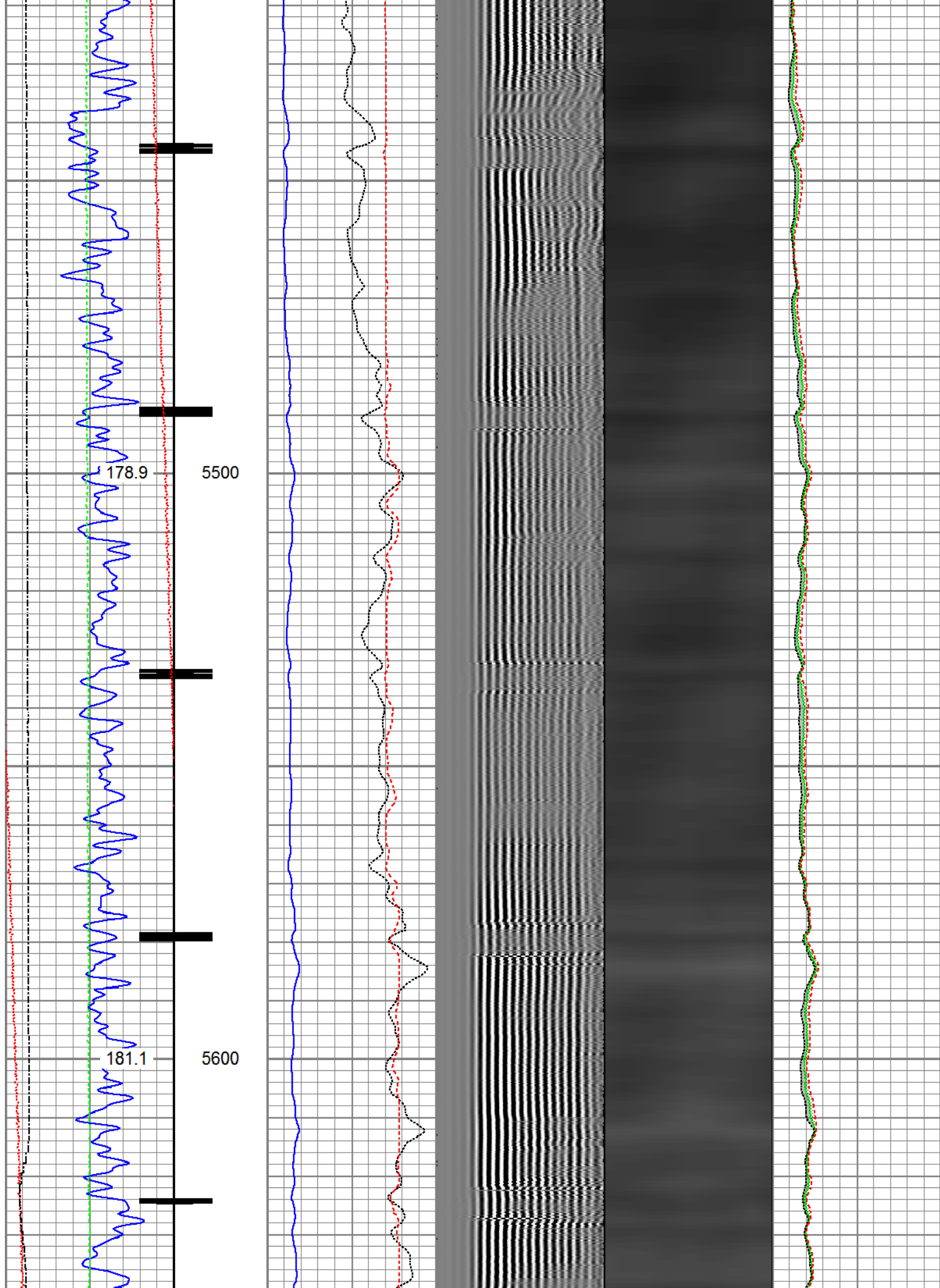


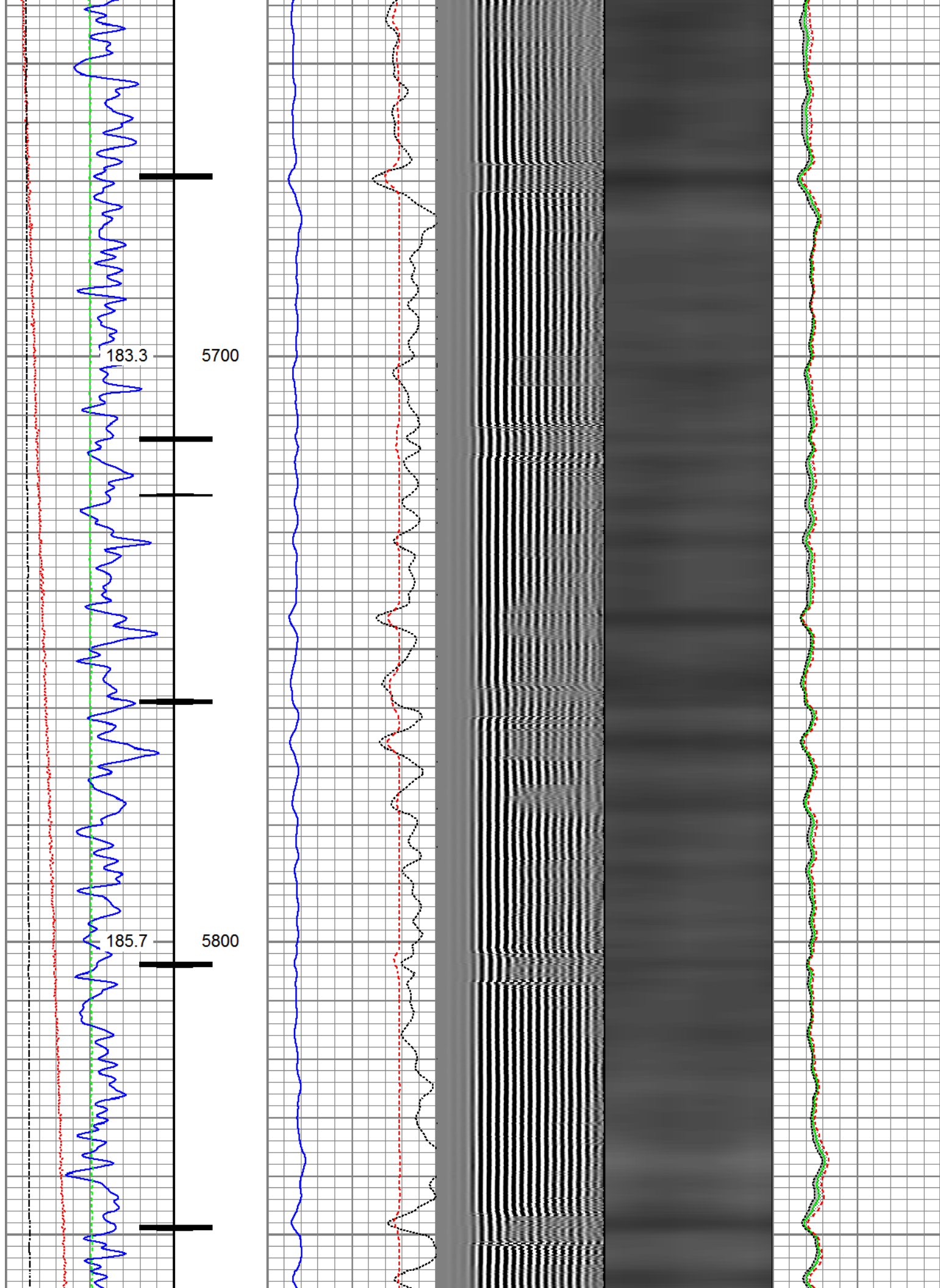


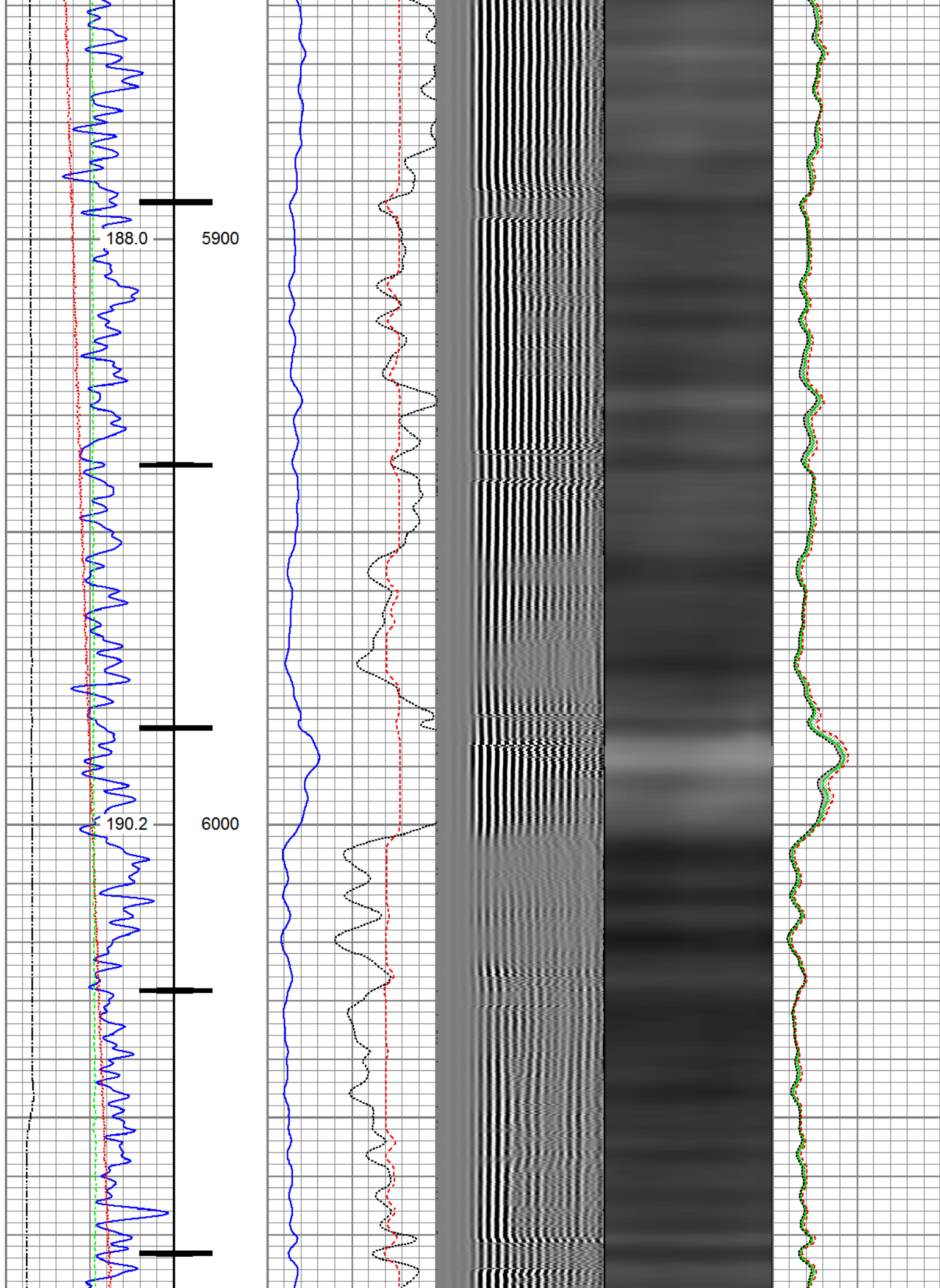


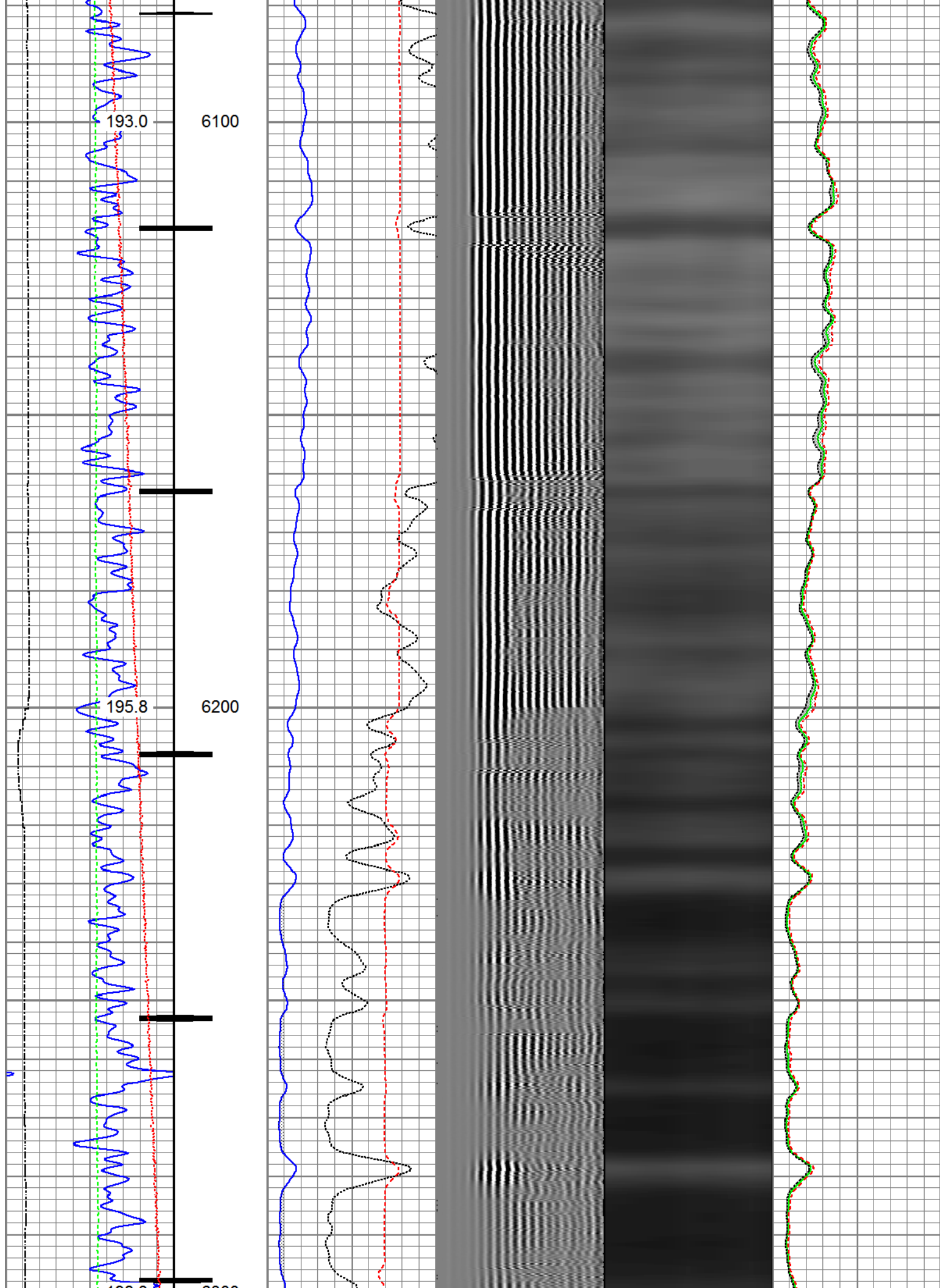


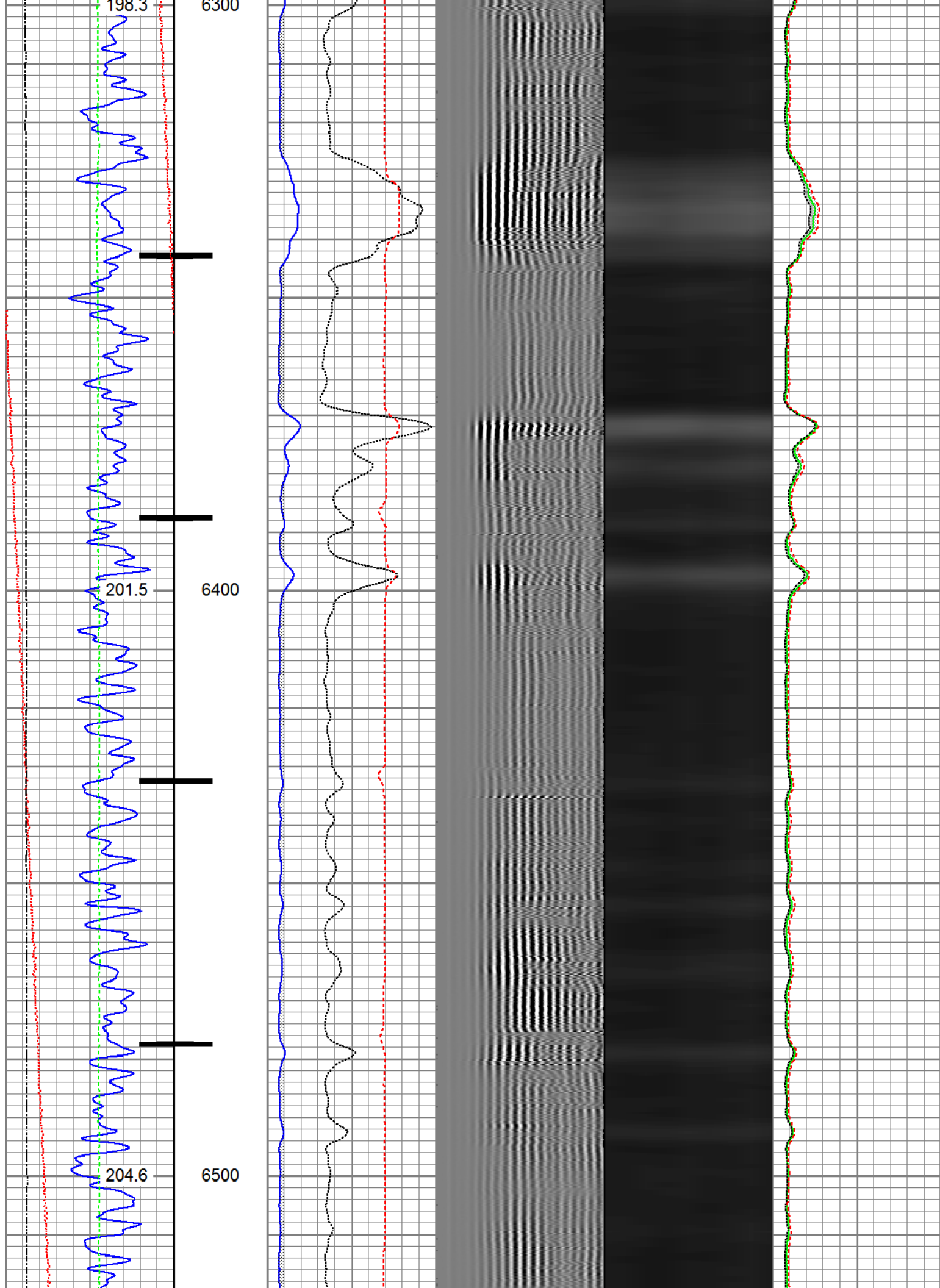


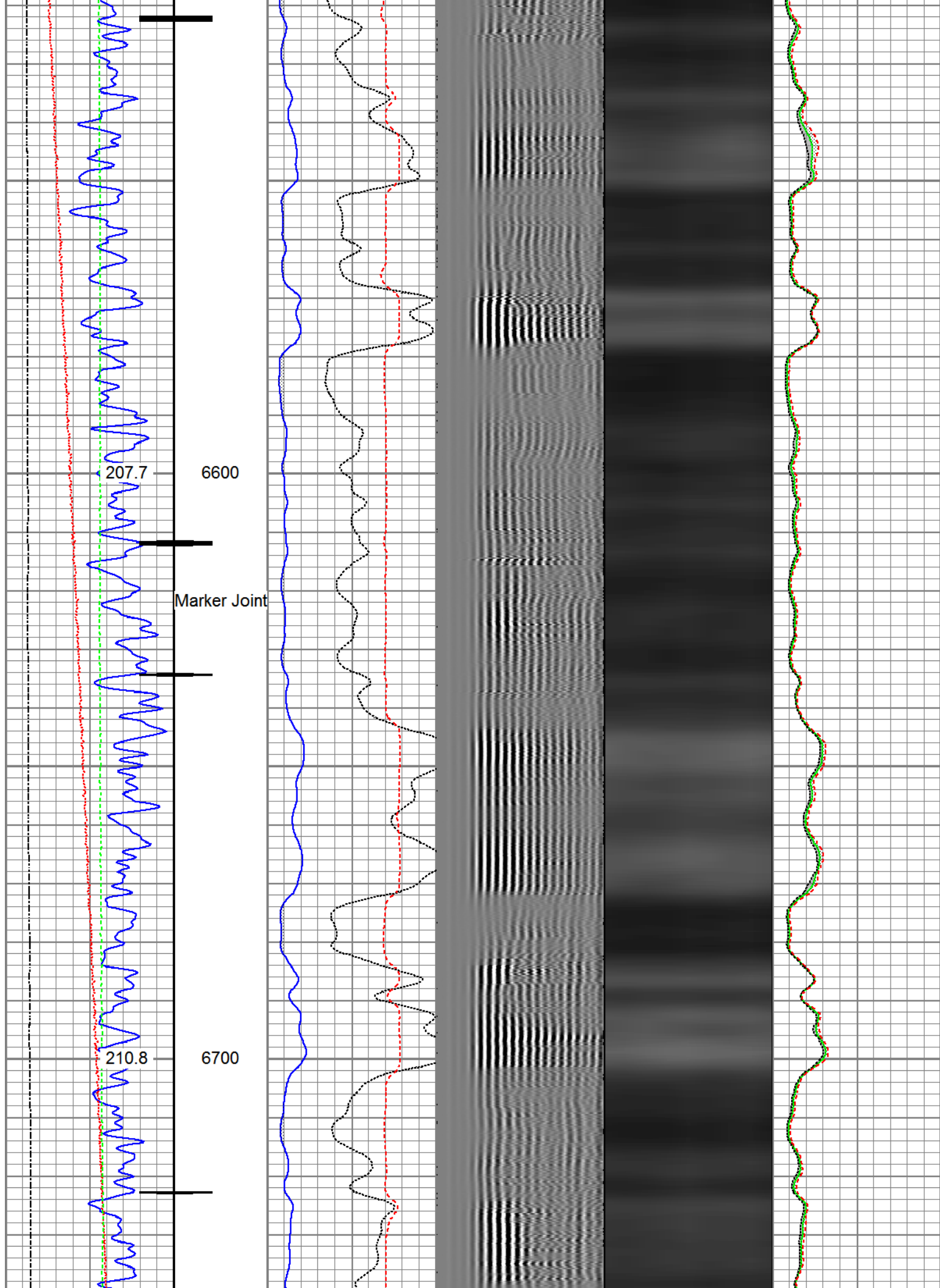


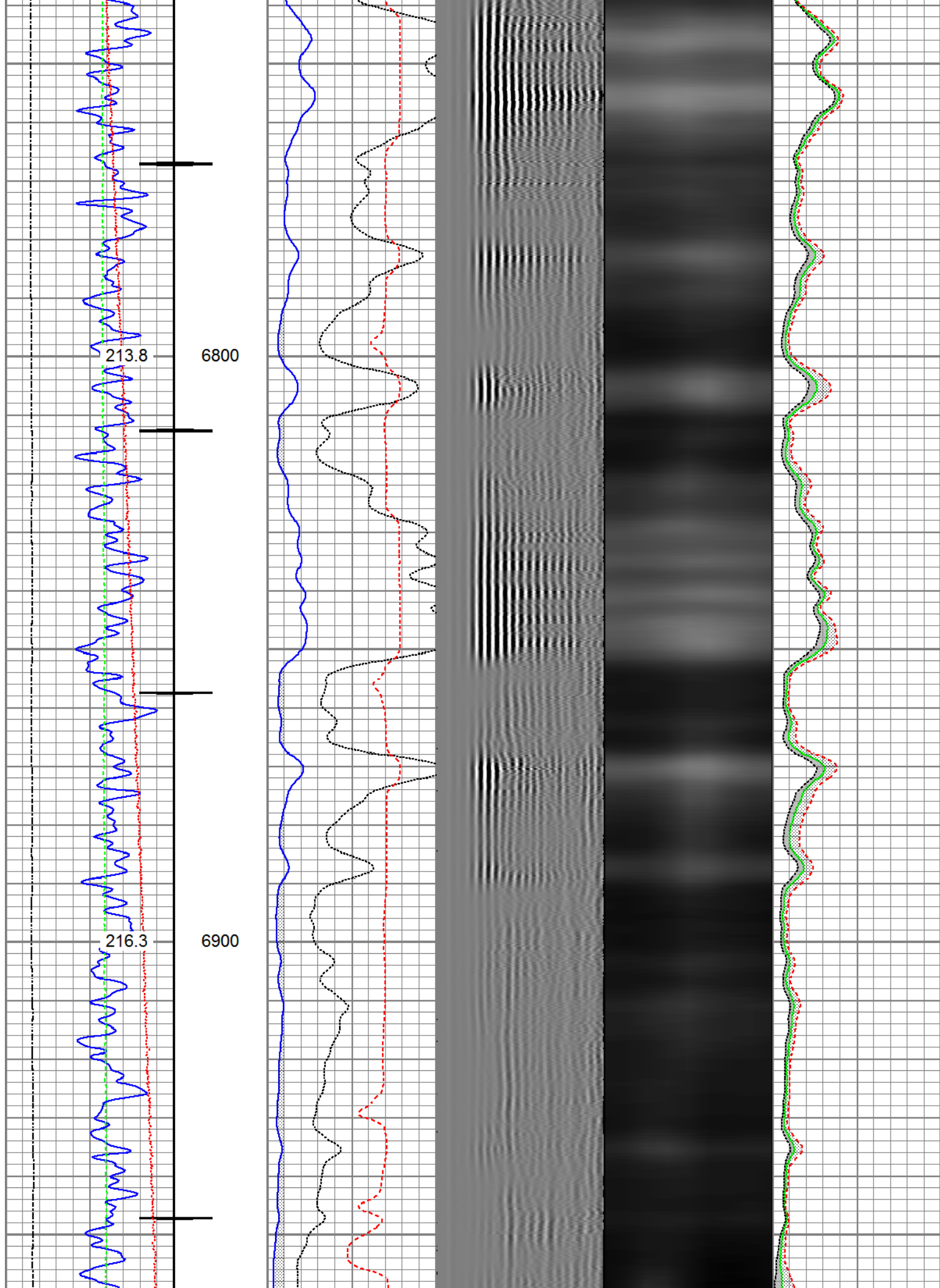


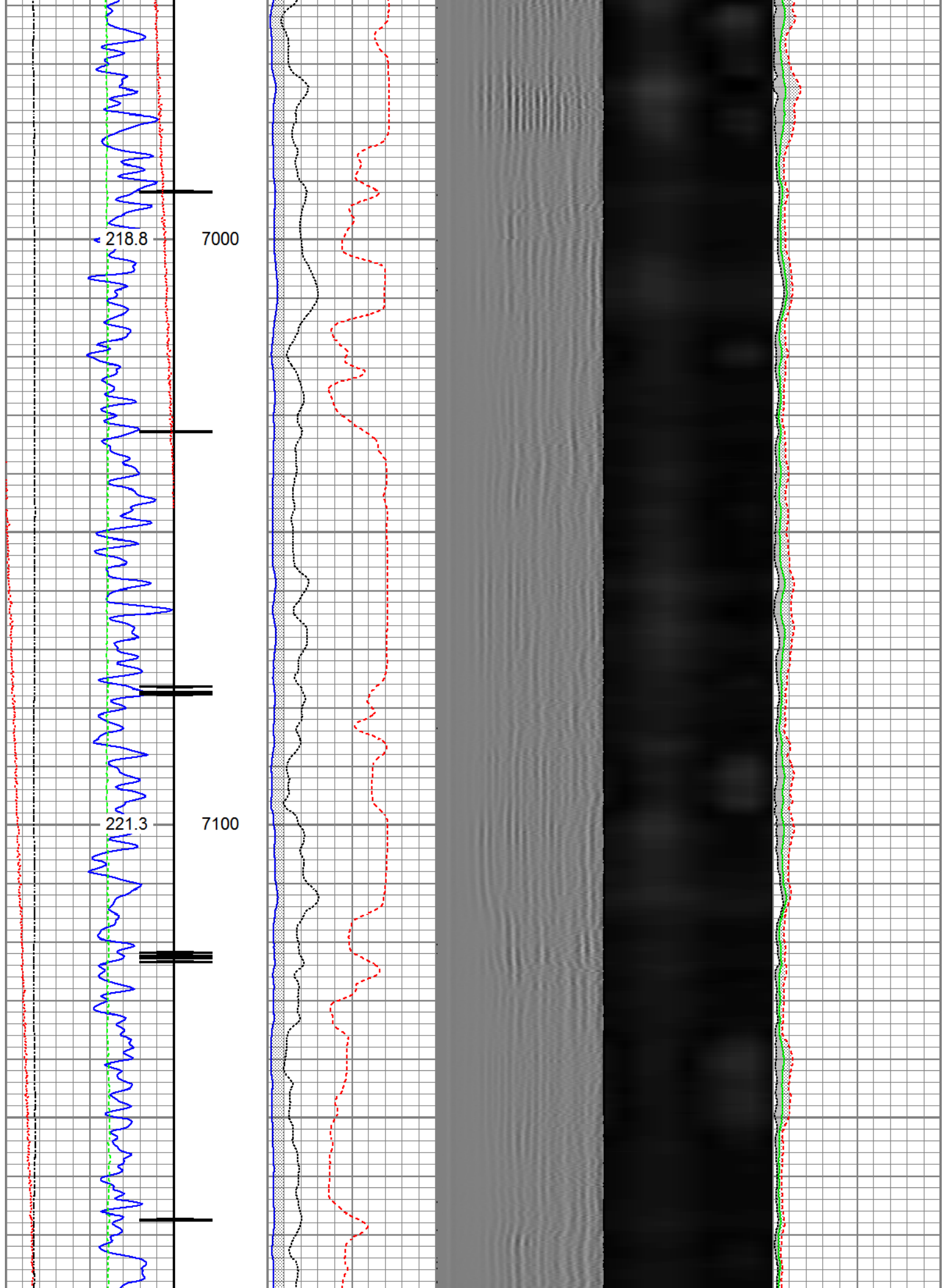


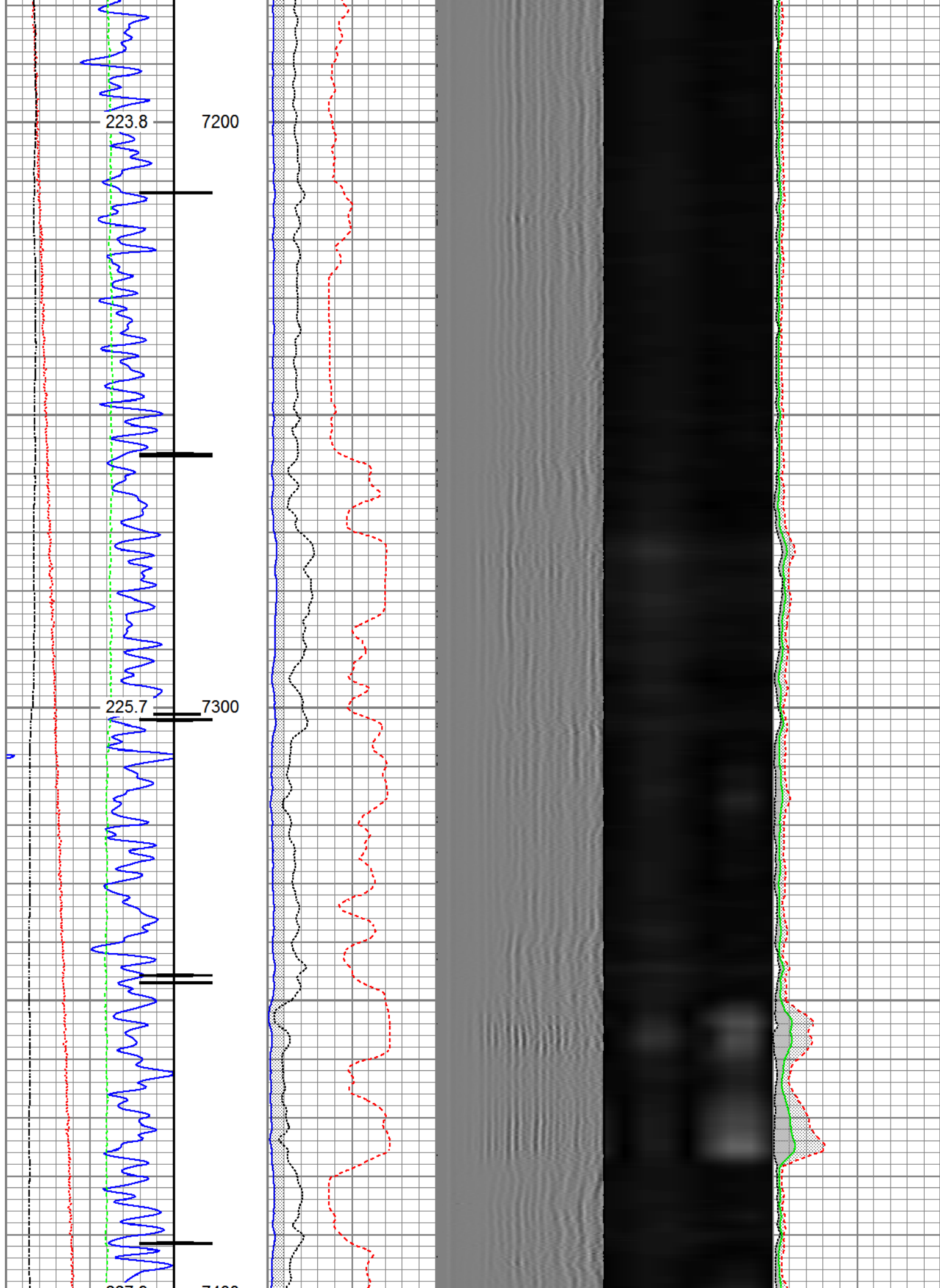


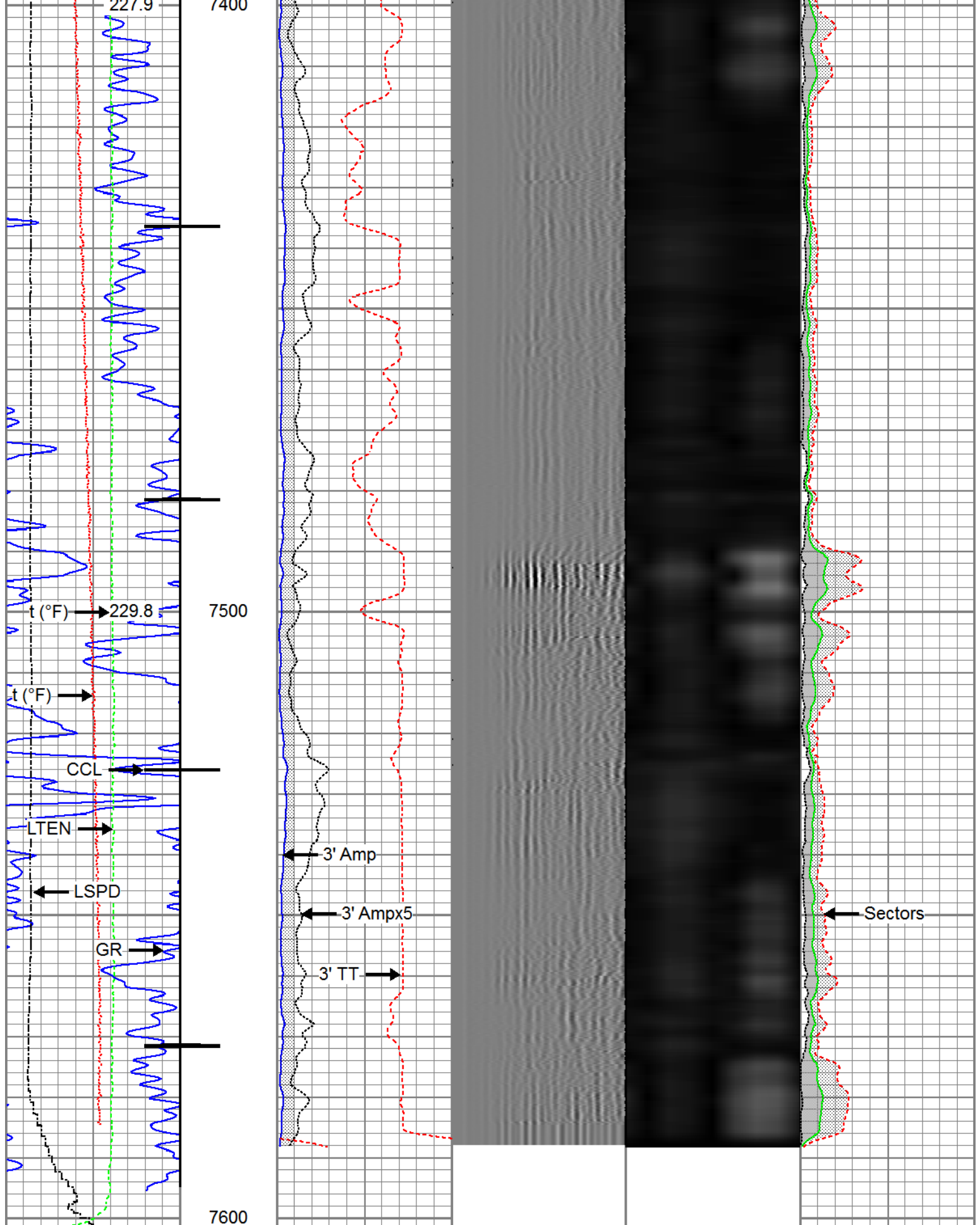












Gamma Ray (GAPI)	3' Amplitude (mV)	5' Variable Density Log	Sector Map	Average Amplitude
0 120	0 100	200 1200		0 100
Casing Collar Locator	3' Amplitude x 5 (mV)			Minimum Amplitude
	0 20			0 100

Temperature 0 (degF) 20	3' Travel Time 650 (usec) 150	Maximum Amplitude 0 100
Line Speed -150 (ft/min) 150		
Line Tension 0 (lb) 2000		

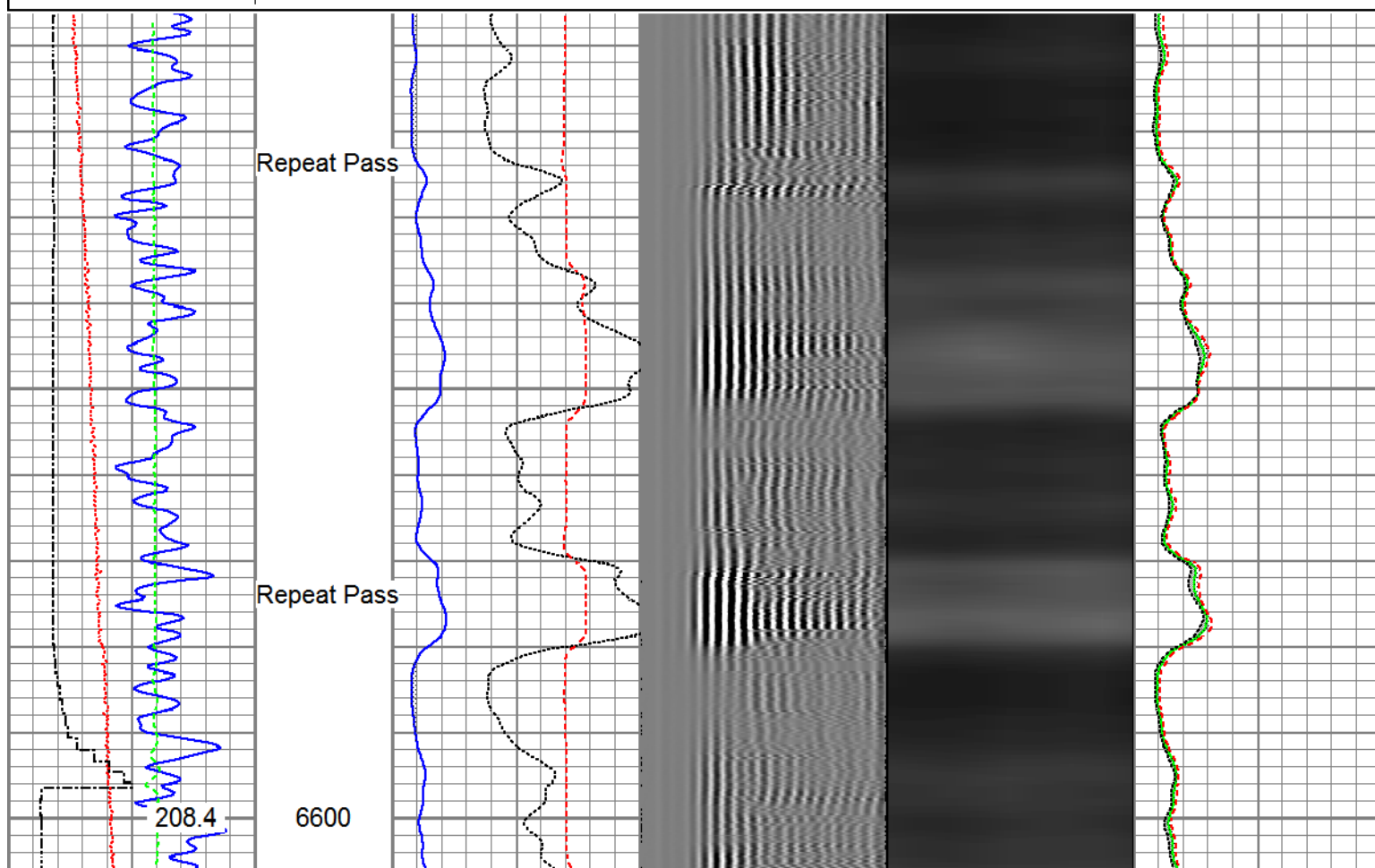


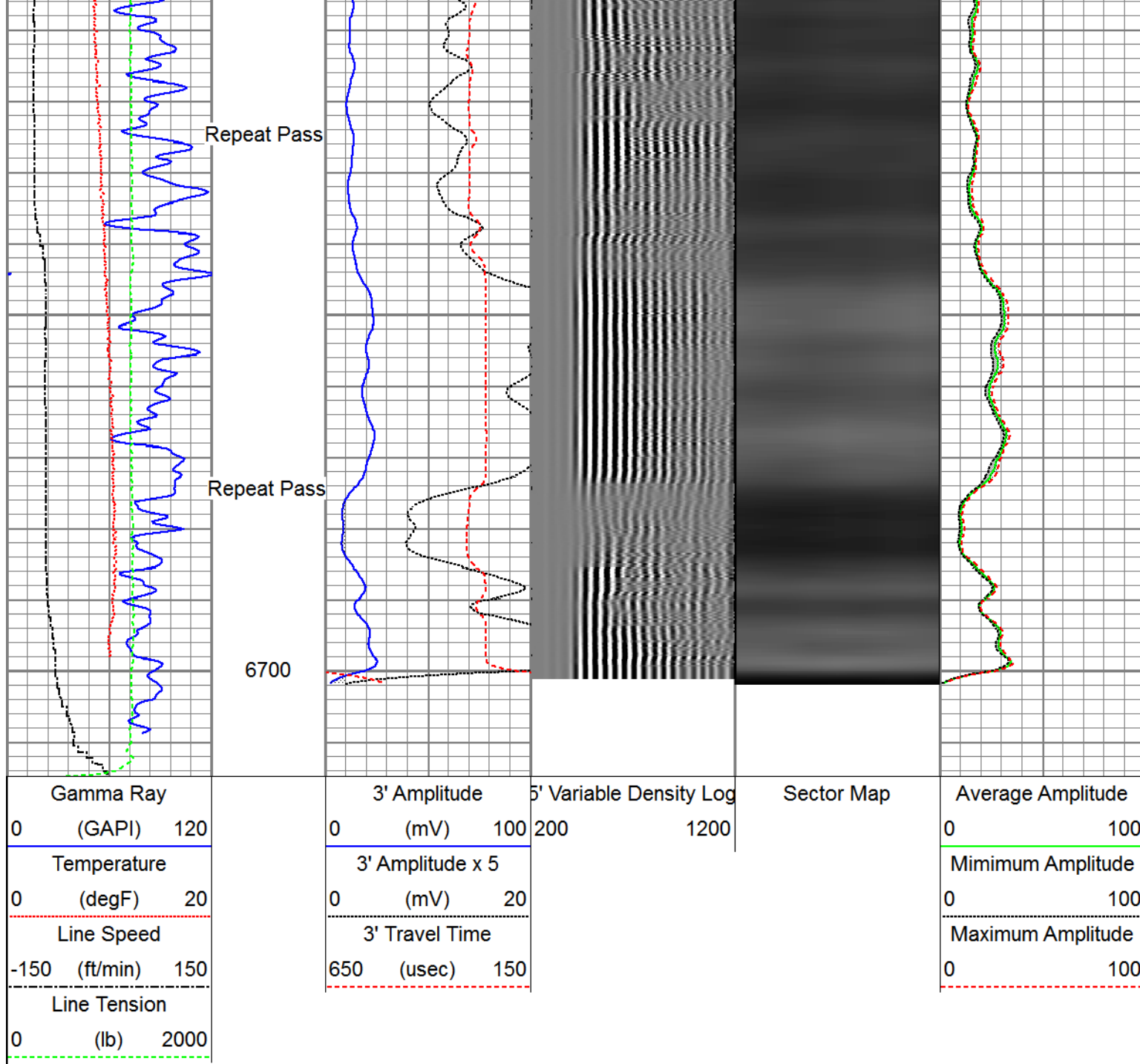
Repeat Pass

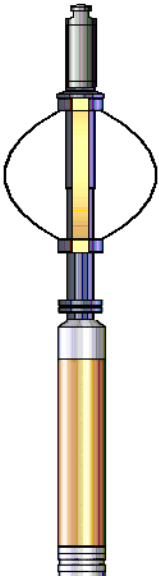
Recorded With 2800 PSI Surface Induced Pressure

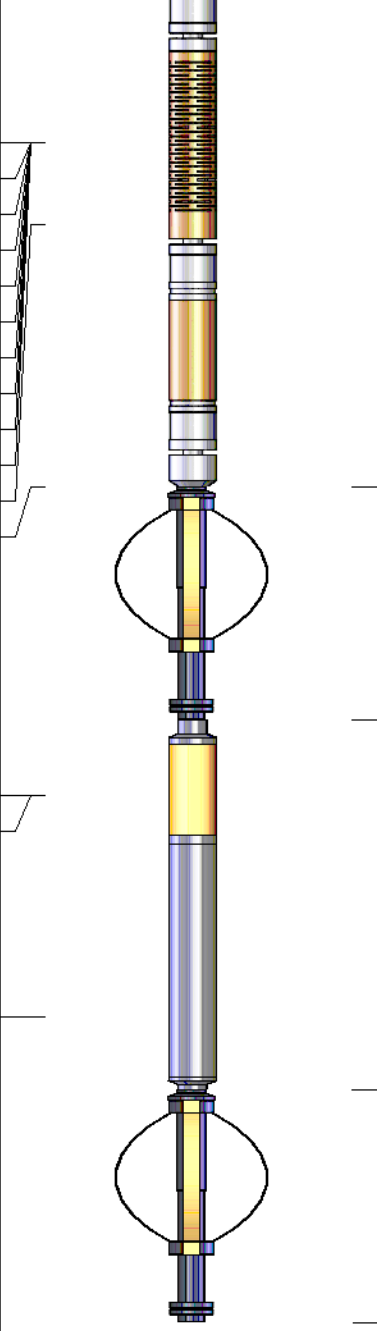
Database File: anadarko_puma fed 34n-35hz_14-may-2017_rbl\processed_0512342570_anadarko_puma fed 34n
Dataset Pathname: pass2.1
Presentation Format: ros_radrii
Dataset Creation: Tue May 16 11:21:06 2017
Charted by: Depth in Feet scaled 1:240

Gamma Ray 0 (GAPI) 120	3' Amplitude 0 (mV) 100	5' Variable Density Log 200 1200	Sector Map	Average Amplitude 0 100
Temperature 0 (degF) 20	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				





Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Titan_Electric_Cable_Heads-Titan_1-11/16" Electric Cable Head with 1" Fishing Neck	1.03	1.69	5.40
			Probe_ELine_BowSpring_Centralizer-P_EB Probe 2-3/4" Electric Inline Bowspring Centralizer	2.8875	2.75	20.00
Temp	16.75					

WVFS8	14.58		Probe_RADII-C-P_RBT_2750 (FW1302-0029.19) Probe 2-3/4" Sector Cement Bond Tool with Temperature Probe	2.75	105.00
WVFS7	14.58				
WVFS6	14.58				
WVFS5	14.58				
WVFS4	14.58				
WVFS3	14.58				
WVFS2	14.58				
WVFS1	14.58				
WVFCAL	14.58				
WVF3FT	14.58				
WVF5FT	13.58				
HeadVolt	10.33				
DCCL	6.51		Probe_ELine_BowSpring_Centralizer-P_EB52.8875 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.75	20.00
CCL	6.51				
GR	3.77		Probe_GR_CCL-P_CGR_2750_S (FW12124.57) Probe 2-3/4" Digital CCL / Gamma Ray Combined	2.75	55.00
			Probe_ELine_BowSpring_Centralizer-P_EB52.8875 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.75	20.00
Dataset: PROCESSED_0512342570_Anadarko_Puma Fed 34N_35HZ_05-14-17_RBL.db: field/well/run1/pass4.1 Total length: 23.43 ft Total weight: 225.40 lb O.D.: 2.75 in					

Calibration Report		
Database File	C:\ProgramData\Warrior\Data\Anadarko_Puma Fed 34N-35HZ_14-MAY-2017_RBL\PROCESSED_0	
Dataset Pathname	pass4.1	
Dataset Creation	Sun May 14 08:27:18 2017	
Gamma Ray Calibration Report		
Serial Number:	FW1212-026	
Tool Model:	P_CGR_2750_S	
Performed:	Mon Aug 15 10:19:05 2016	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.6	cps
Sensitivity:	0.6000	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: 45.102 ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.006	0.728	0.800	71.921	96.867	1.399
CAL	0.002	0.821				
5'	-0.002	0.575	0.800	71.921	123.181	1.074
SUM						
S1	-0.006	0.735	0.000	100.000	134.913	0.860
S2	0.000	0.738	0.000	100.000	135.583	-0.065
S3	0.002	0.730	0.000	100.000	137.309	-0.270
S4	0.000	0.710	0.000	100.000	140.934	-0.050
S5	-0.004	0.713	0.000	100.000	139.523	0.533
S6	-0.003	0.720	0.000	100.000	138.178	0.480
S7	-0.008	0.728	0.000	100.000	135.978	1.050
S8	-0.009	0.741	0.000	100.000	133.221	1.223

Internal Reference Calibration, performed Wed Aug 03 10:40:08 2016:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.002	0.821	1.000	0.000

Air Zero Calibration, performed Sat May 13 09:53:02 2017:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.001		0.000		0.000	
5'	0.001		0.000		-0.000	
SUM						
S1	0.001		0.000		-0.001	
S2	0.000		0.000		0.000	
S3	0.001		0.000		0.001	
S4	0.002		0.000		-0.000	
S5	0.001		0.000		-0.000	
S6	0.001		0.000		-0.000	
S7	0.001		0.000		0.000	
S8	0.001		0.000		0.000	



Company Kerr-McGee Oil & Gas Onshore, L.P.
 Well Puma Fed 34N-35HZ
 Field Wattenberg
 County Weld
 State Colorado

