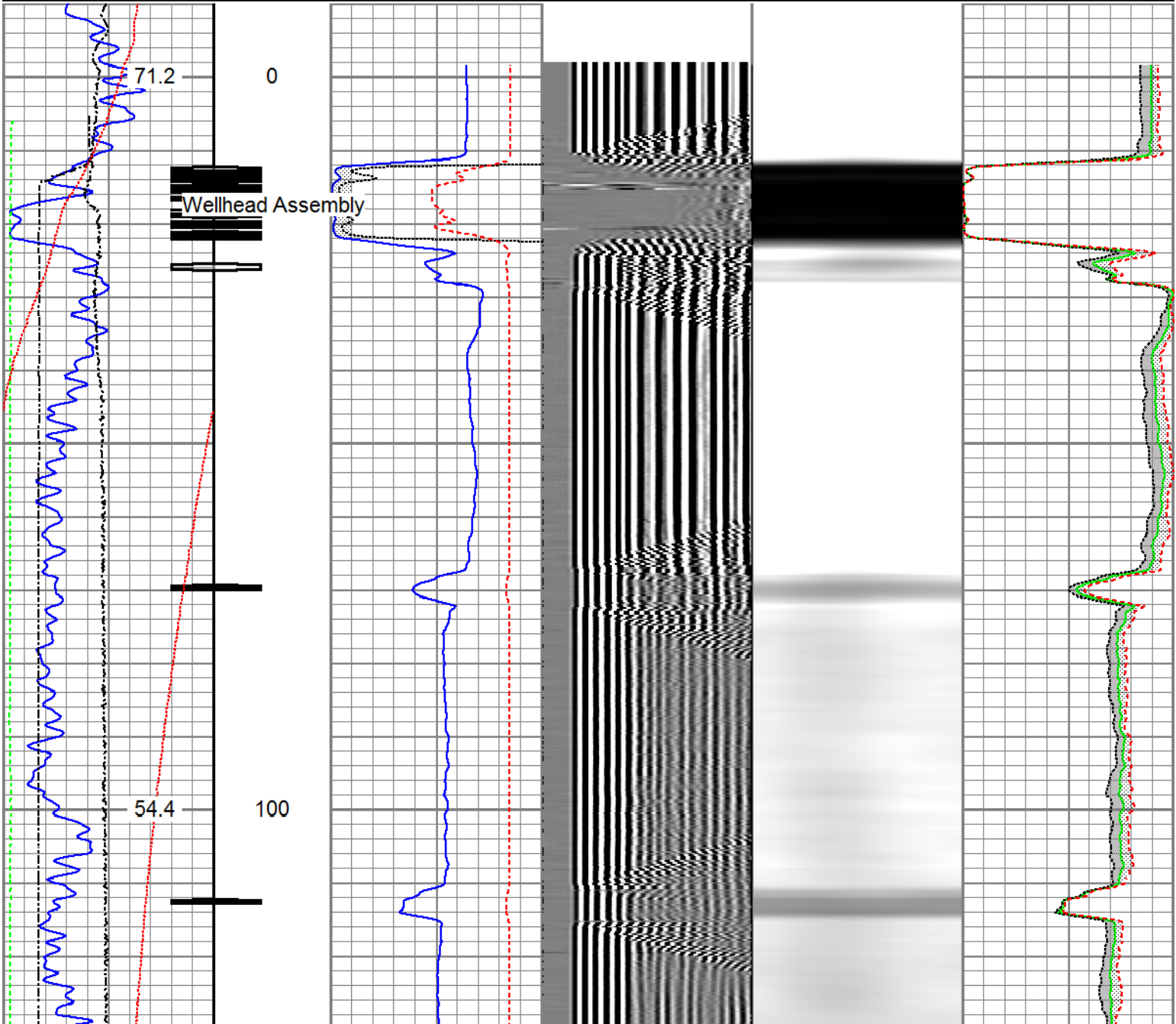
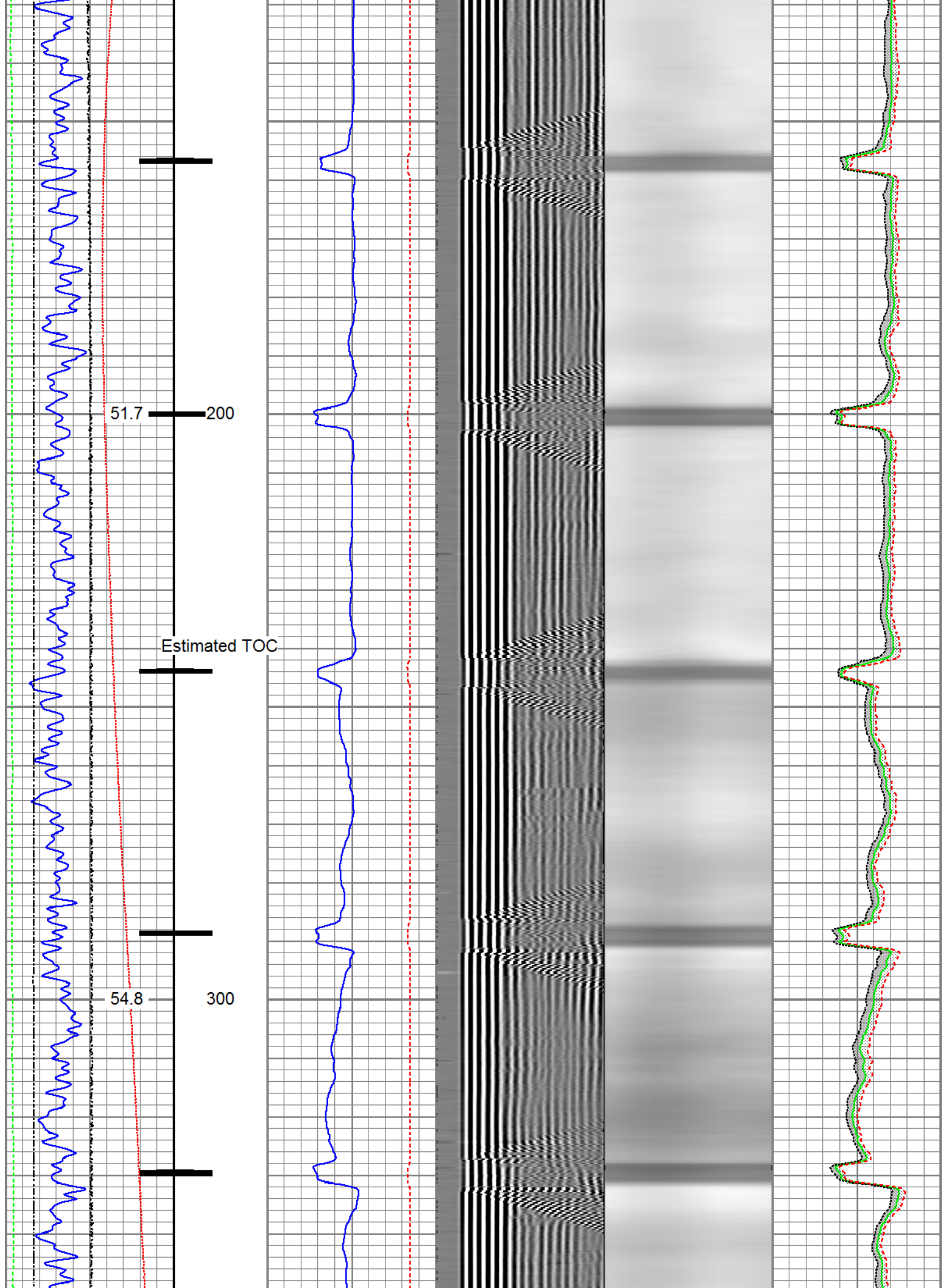
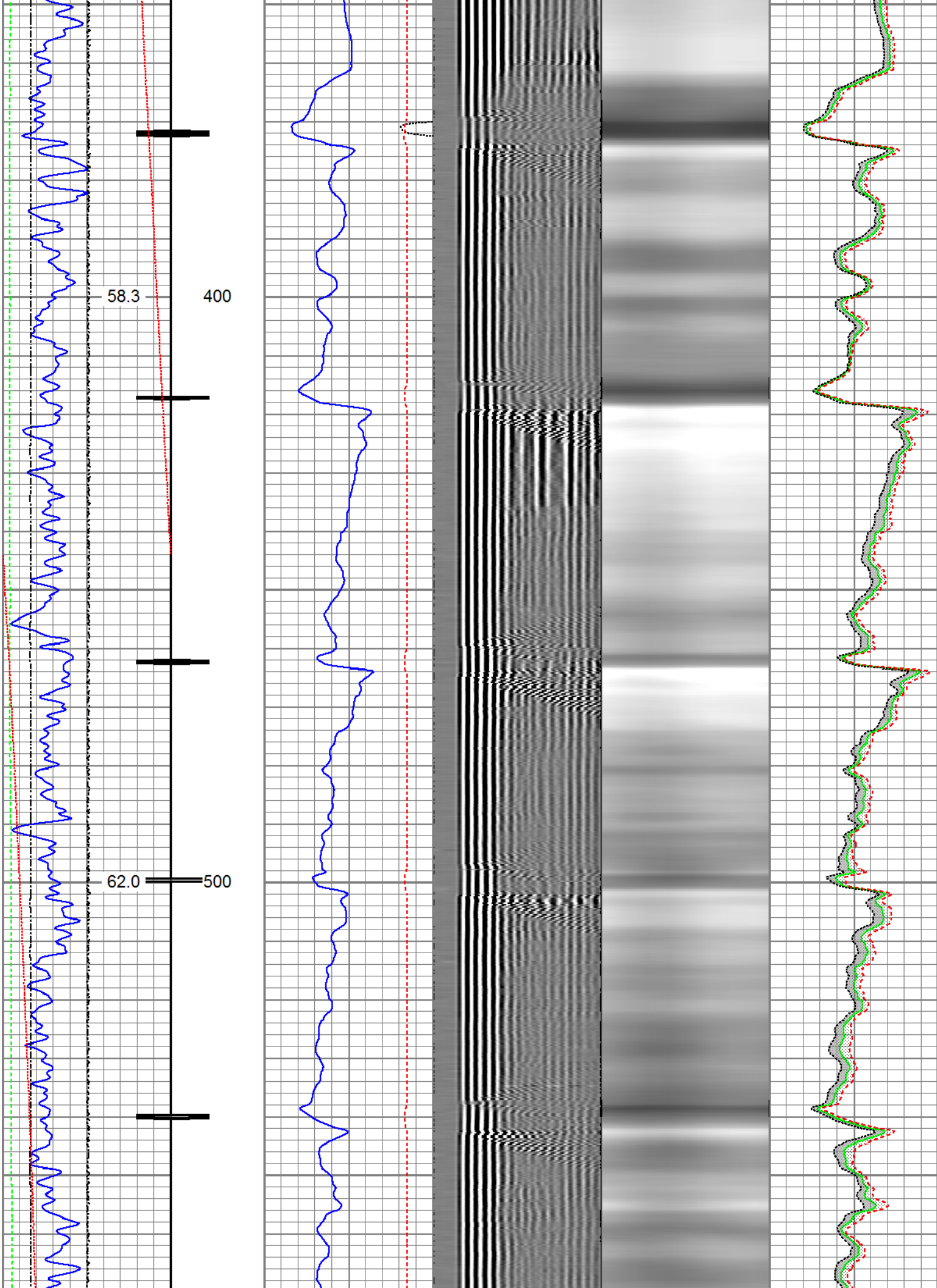


## Recorded with 2800 PSI Surface Induced Pressure

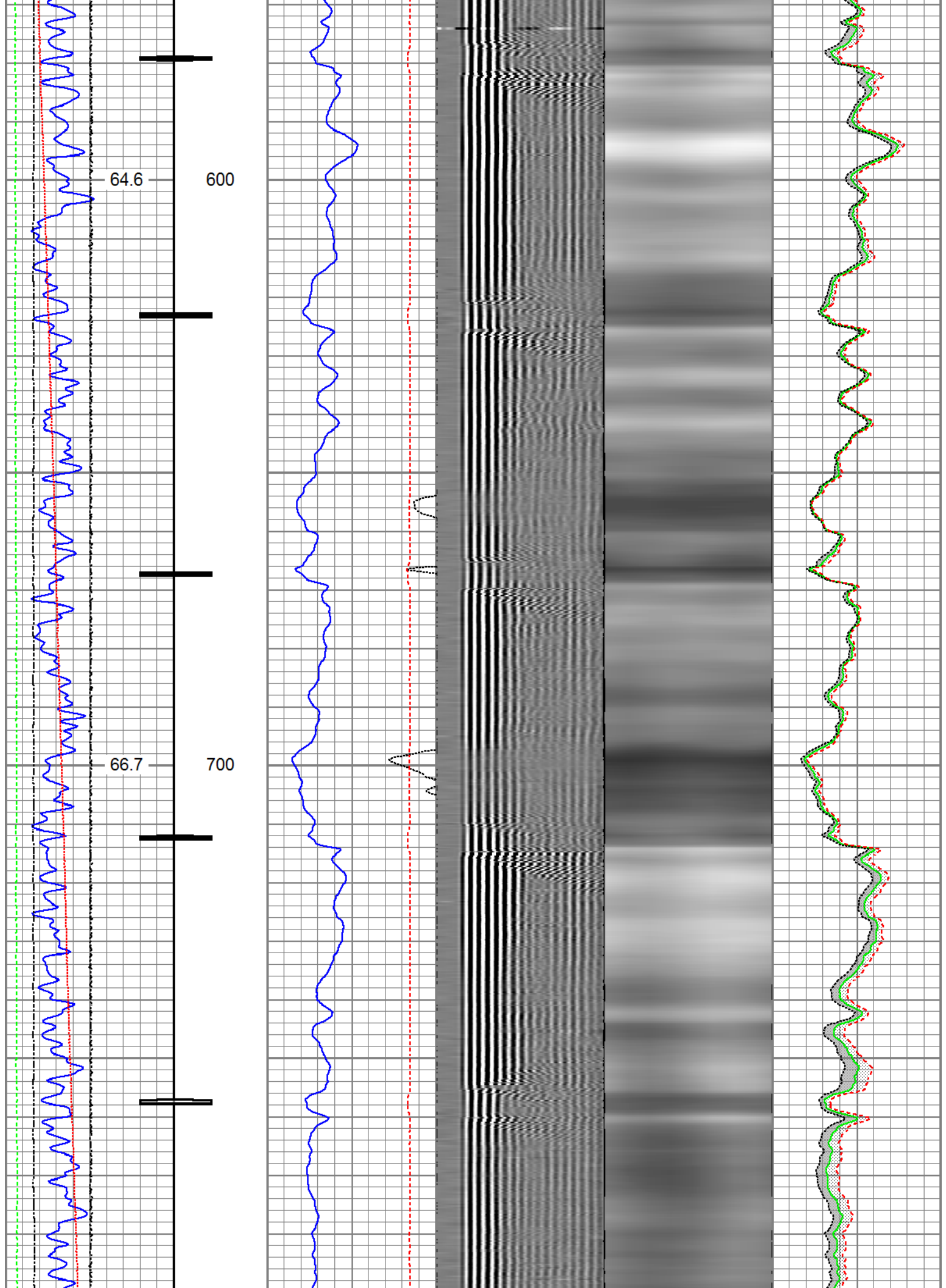
Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 120	0 (mV) 100	200 1200		0 100
Casing Collar Locator	3' Amplitude x 5			Mimimum Amplitude
	0 (mV) 20			0 100
Line Speed	3' Travel Time			Maximum Amplitude
-150 (ft/min) 150	650 (usec) 150			0 100
Line Tension				
0 (lb)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

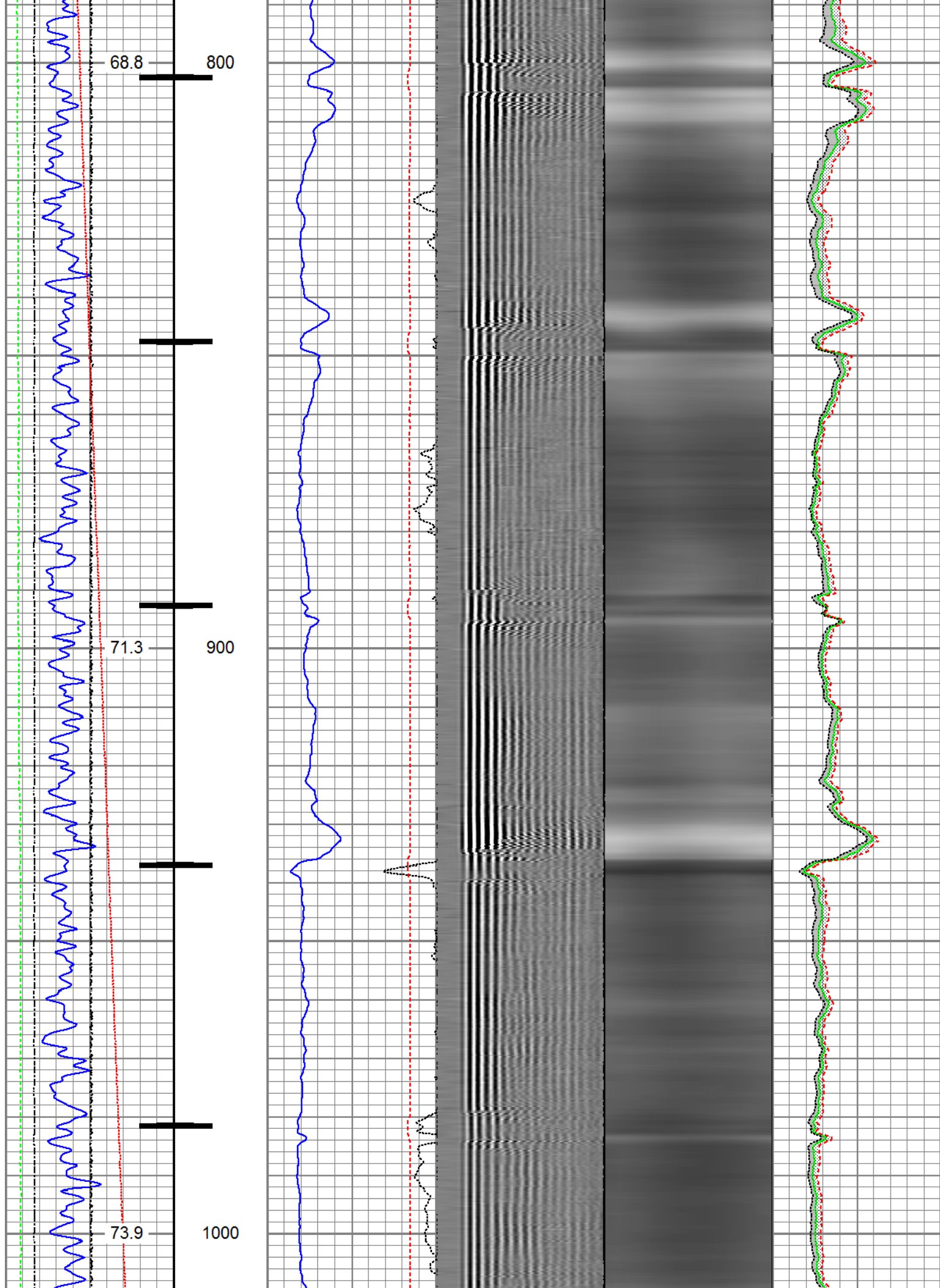


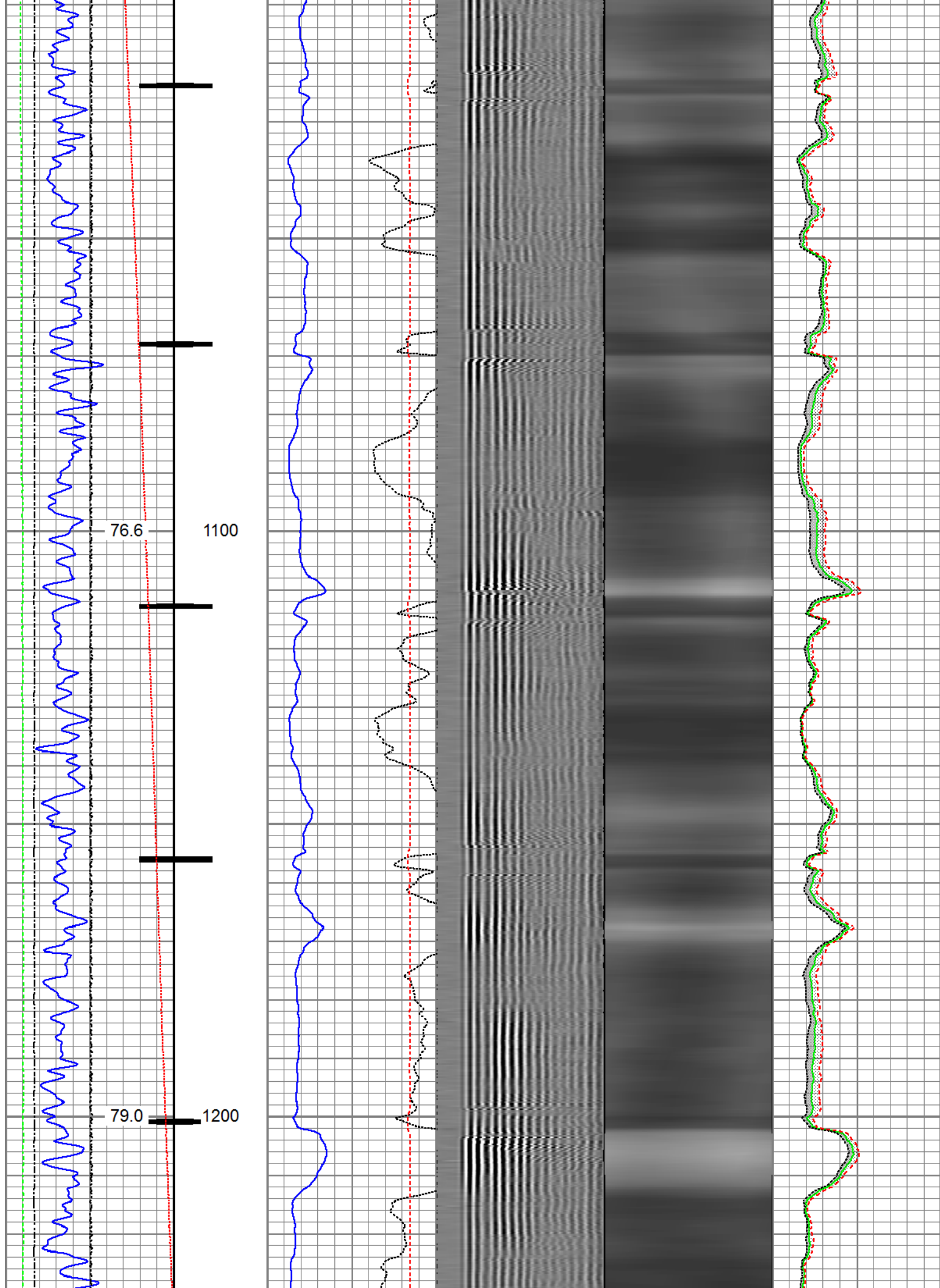


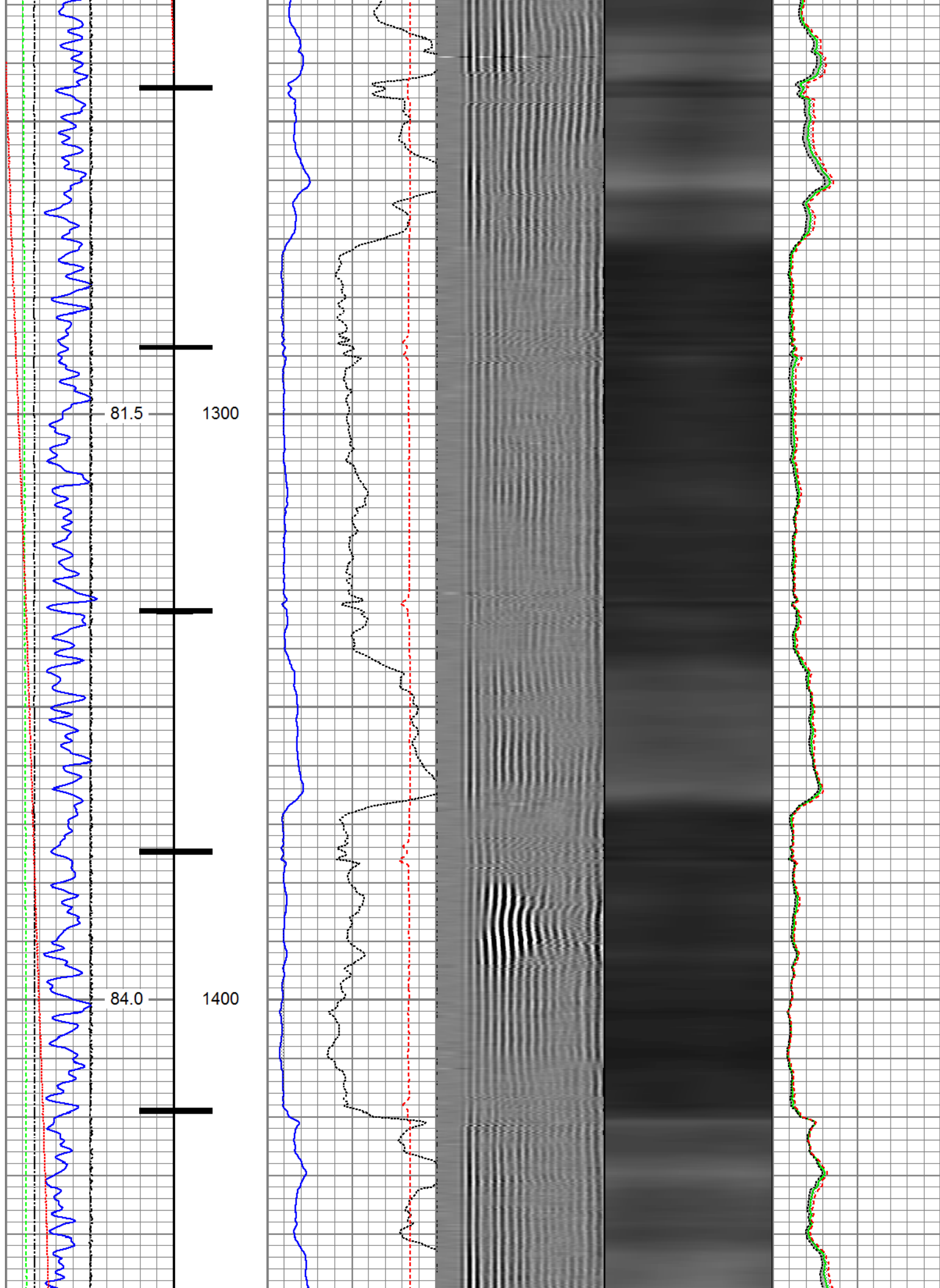




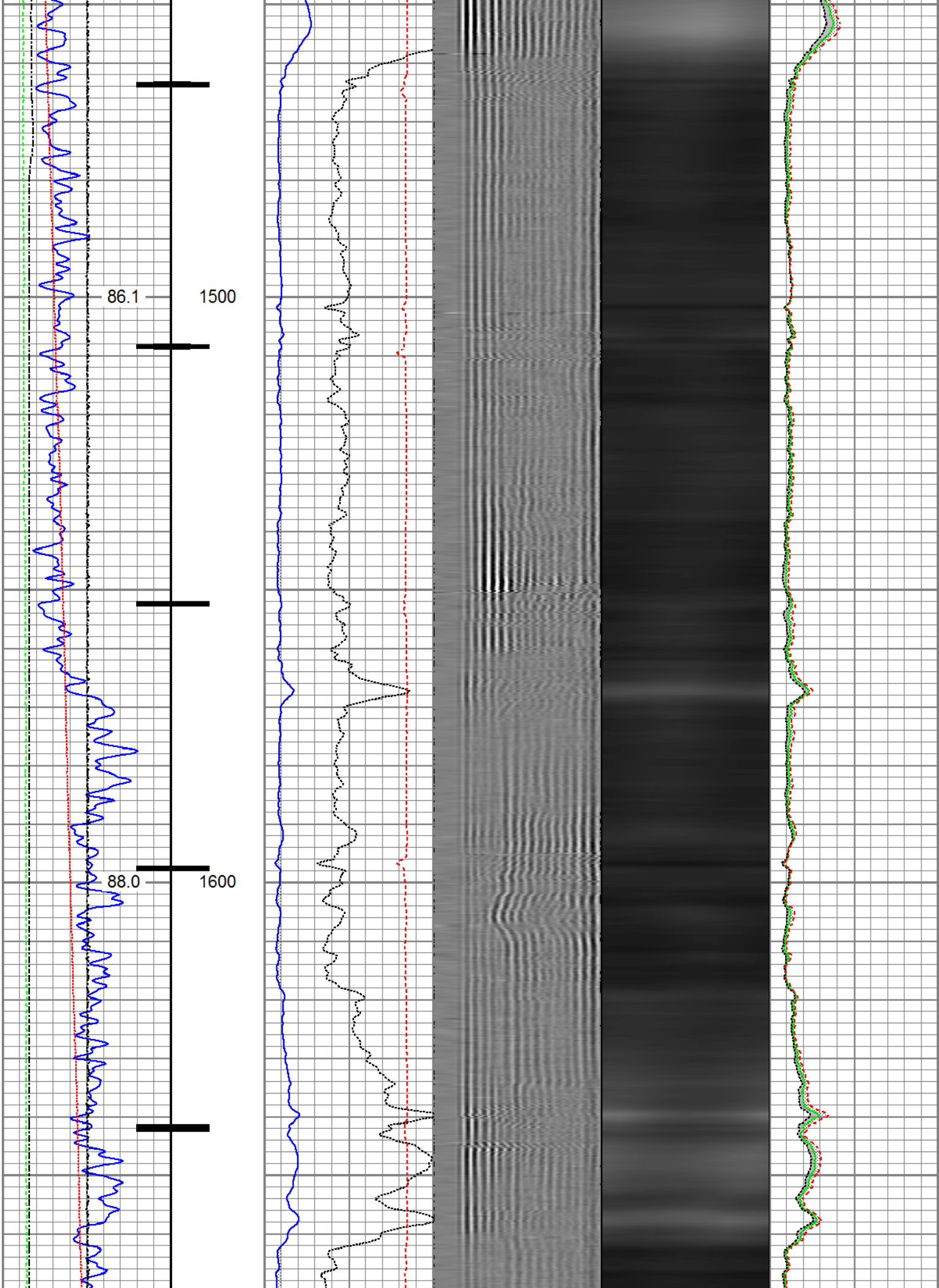


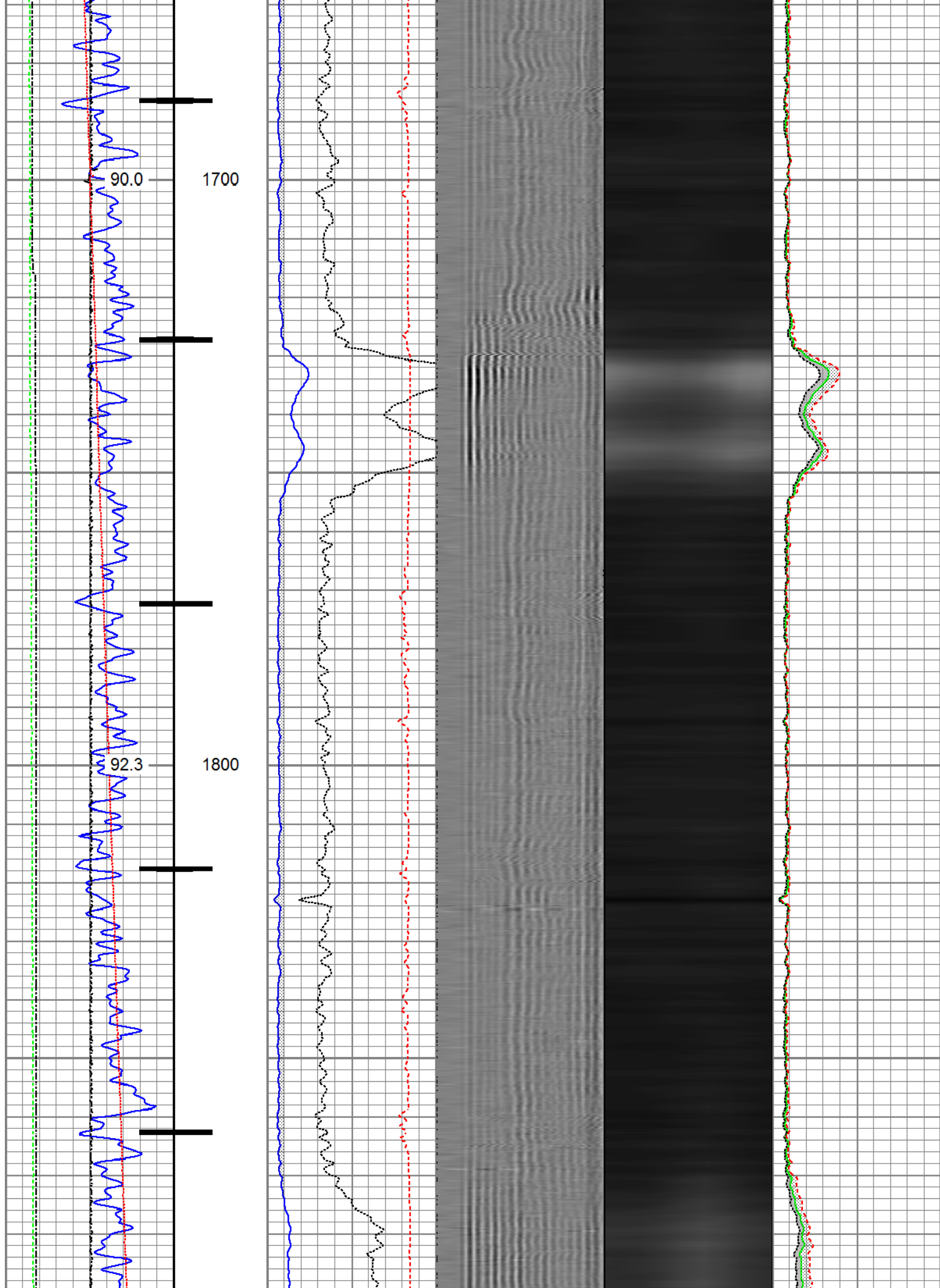


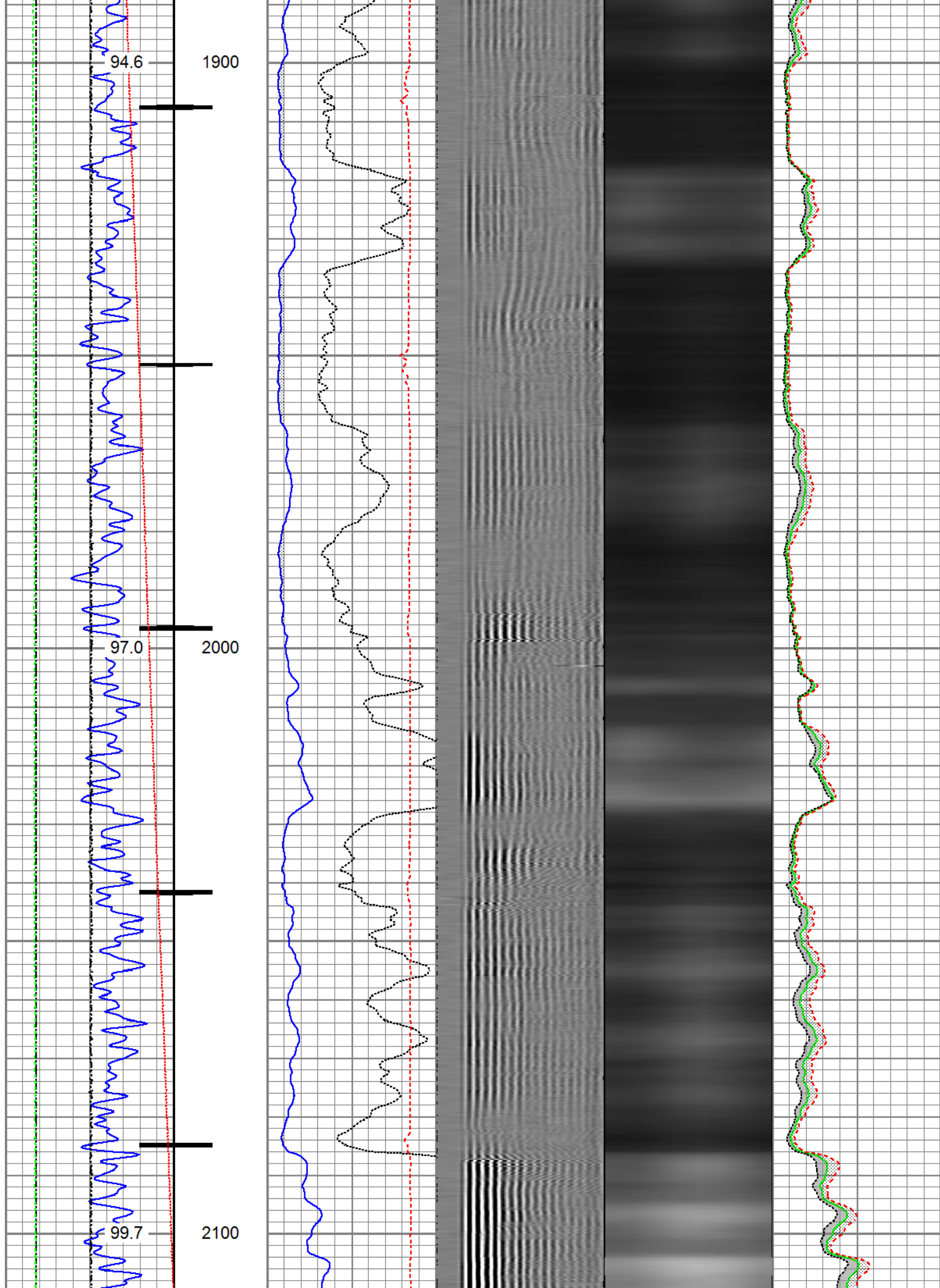


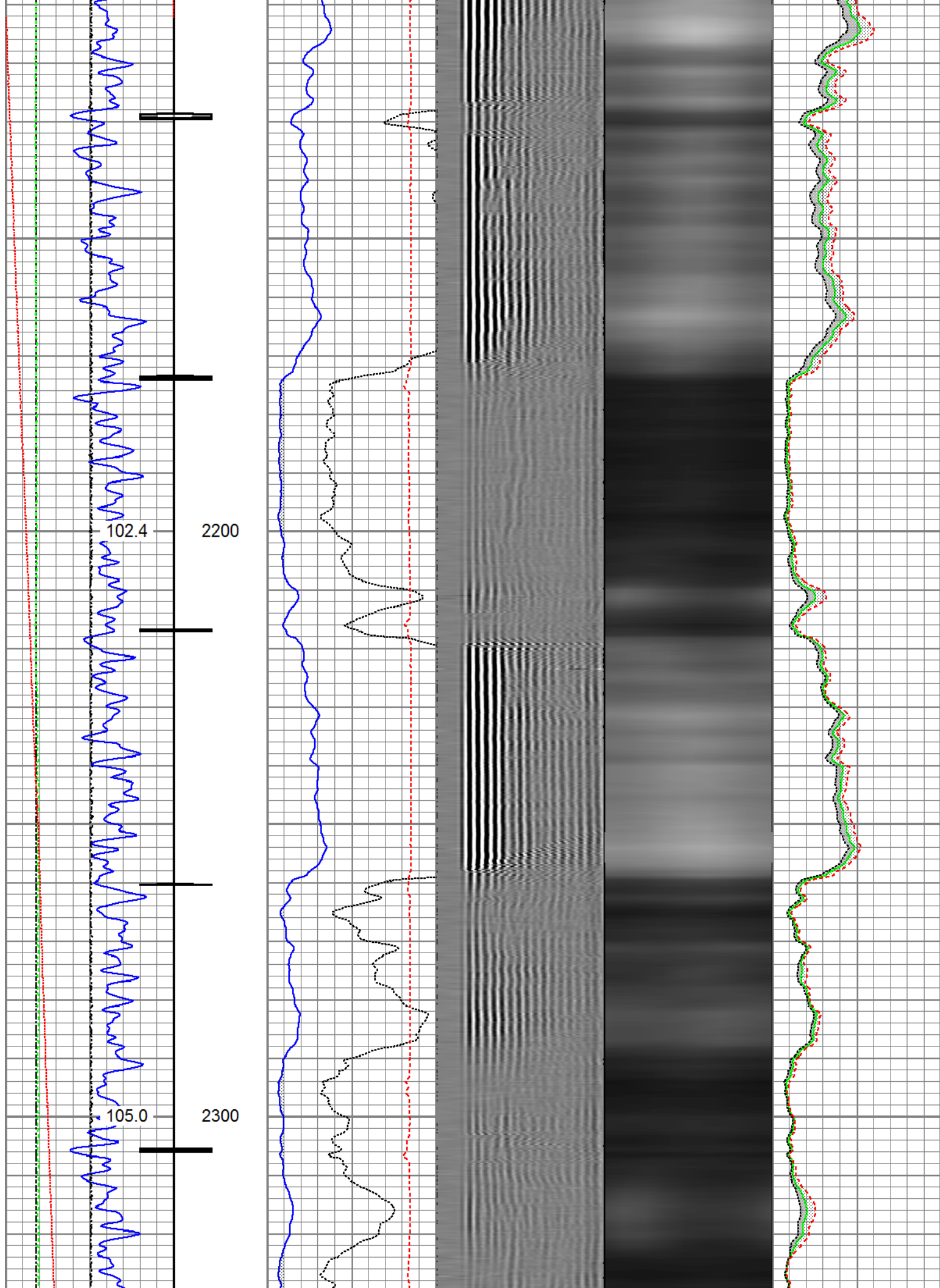




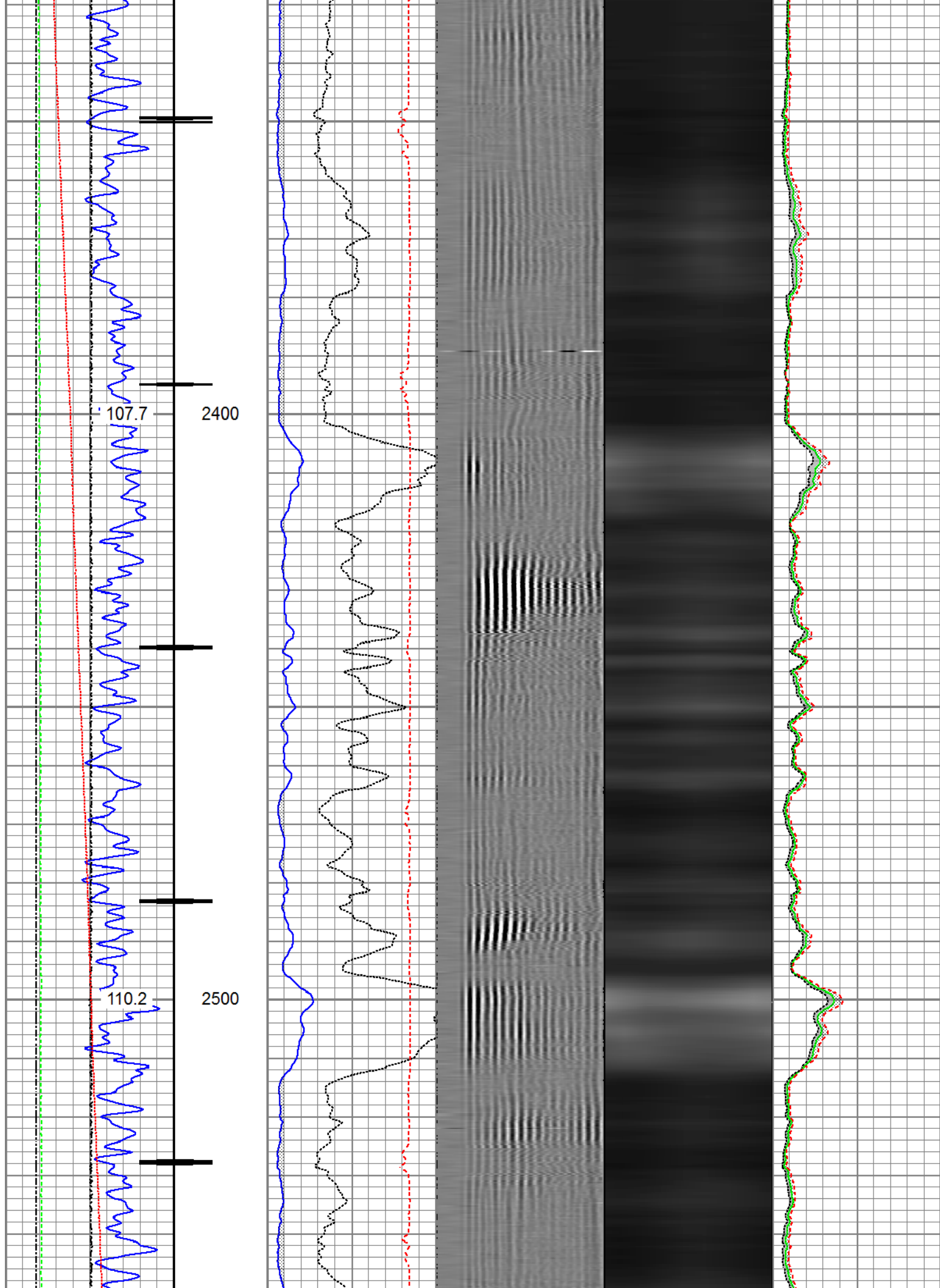


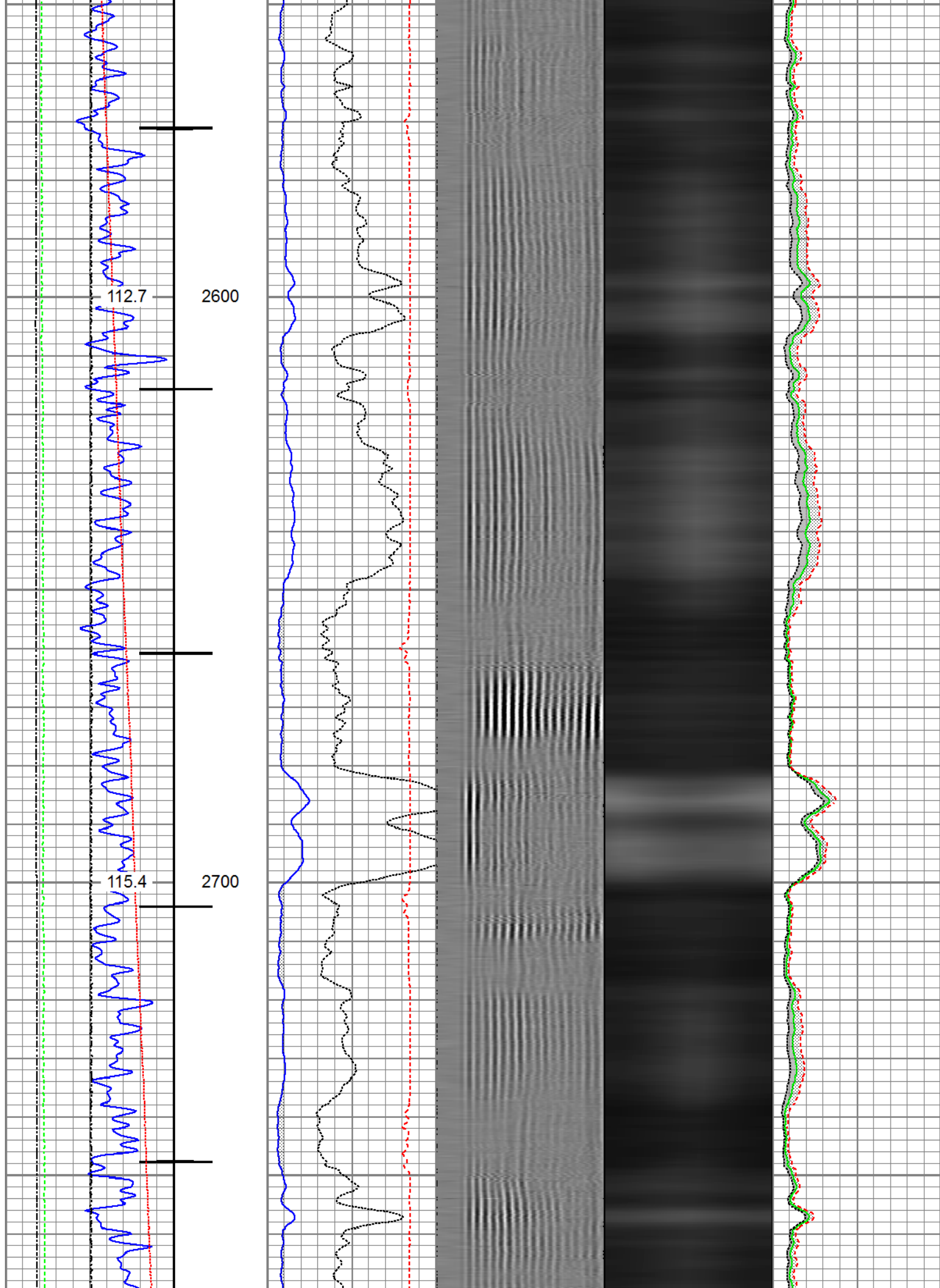


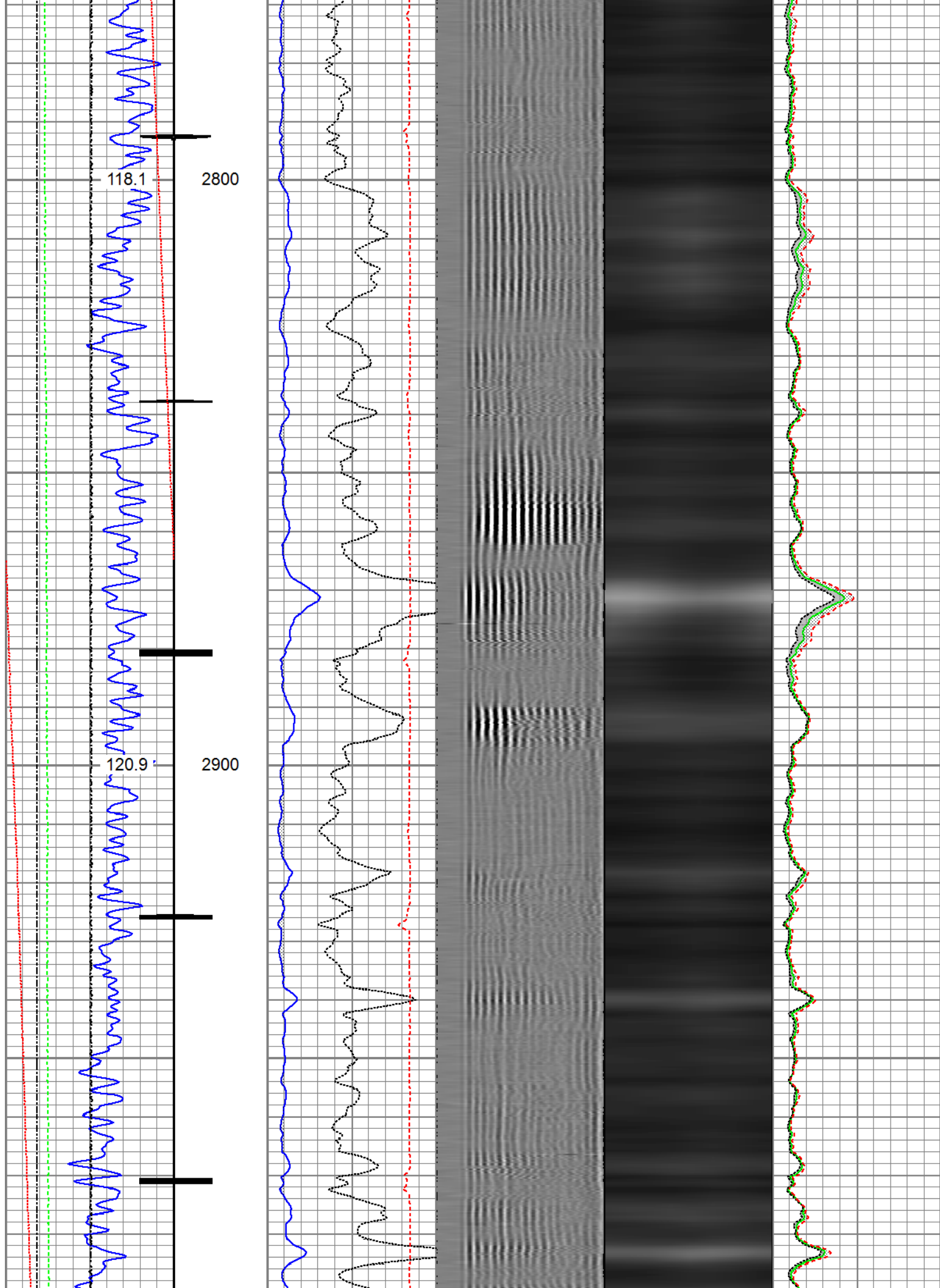


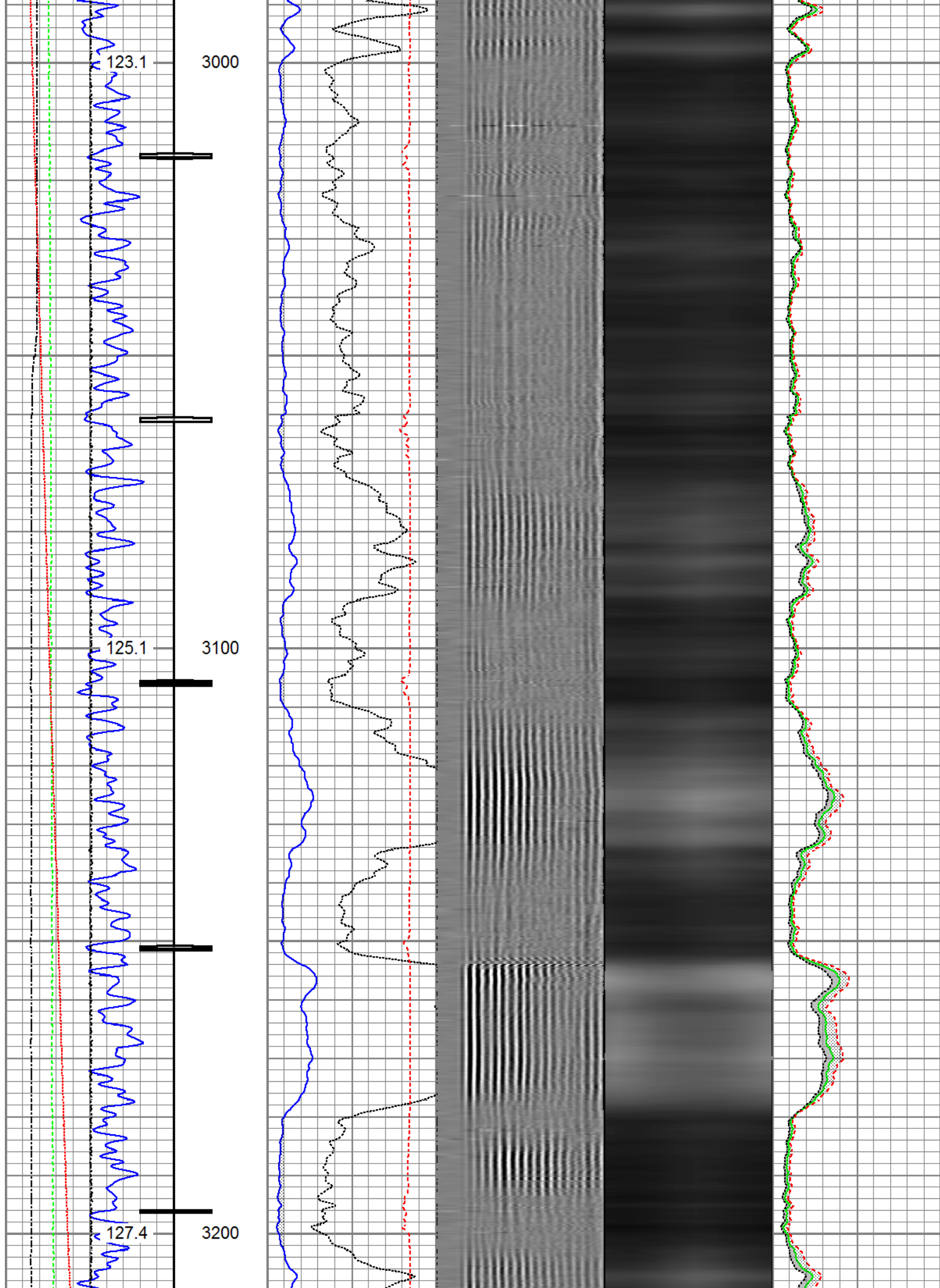




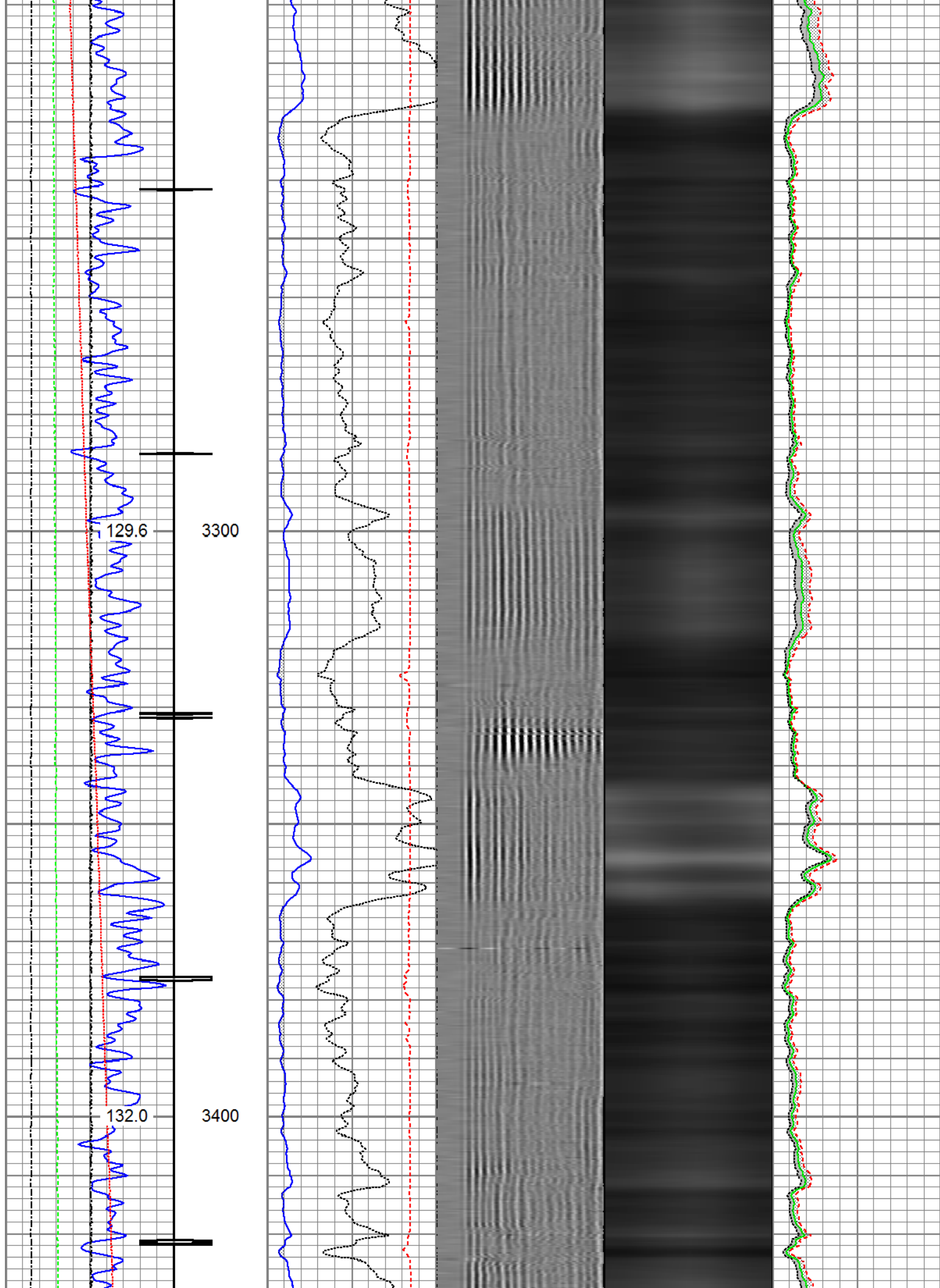


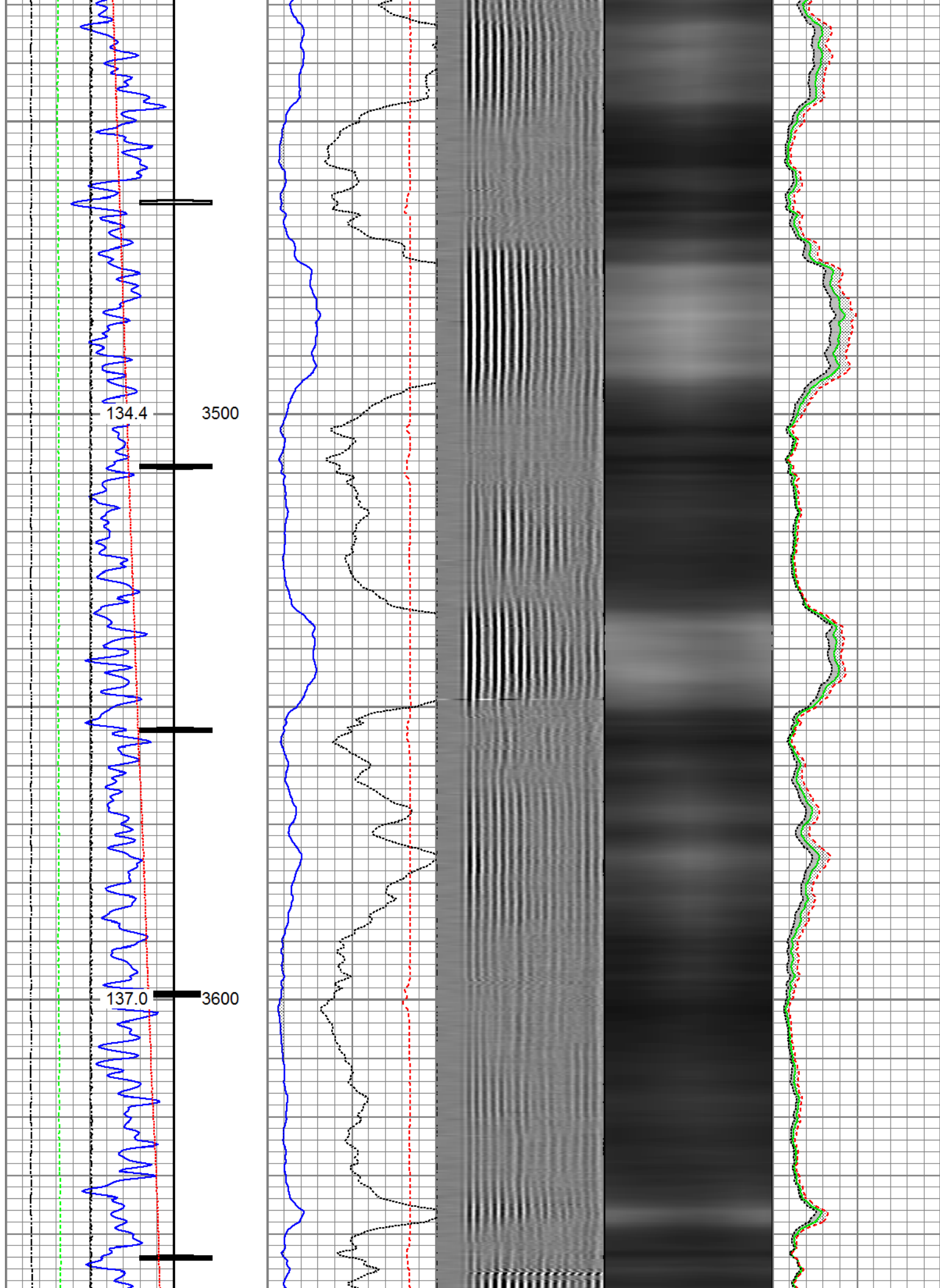


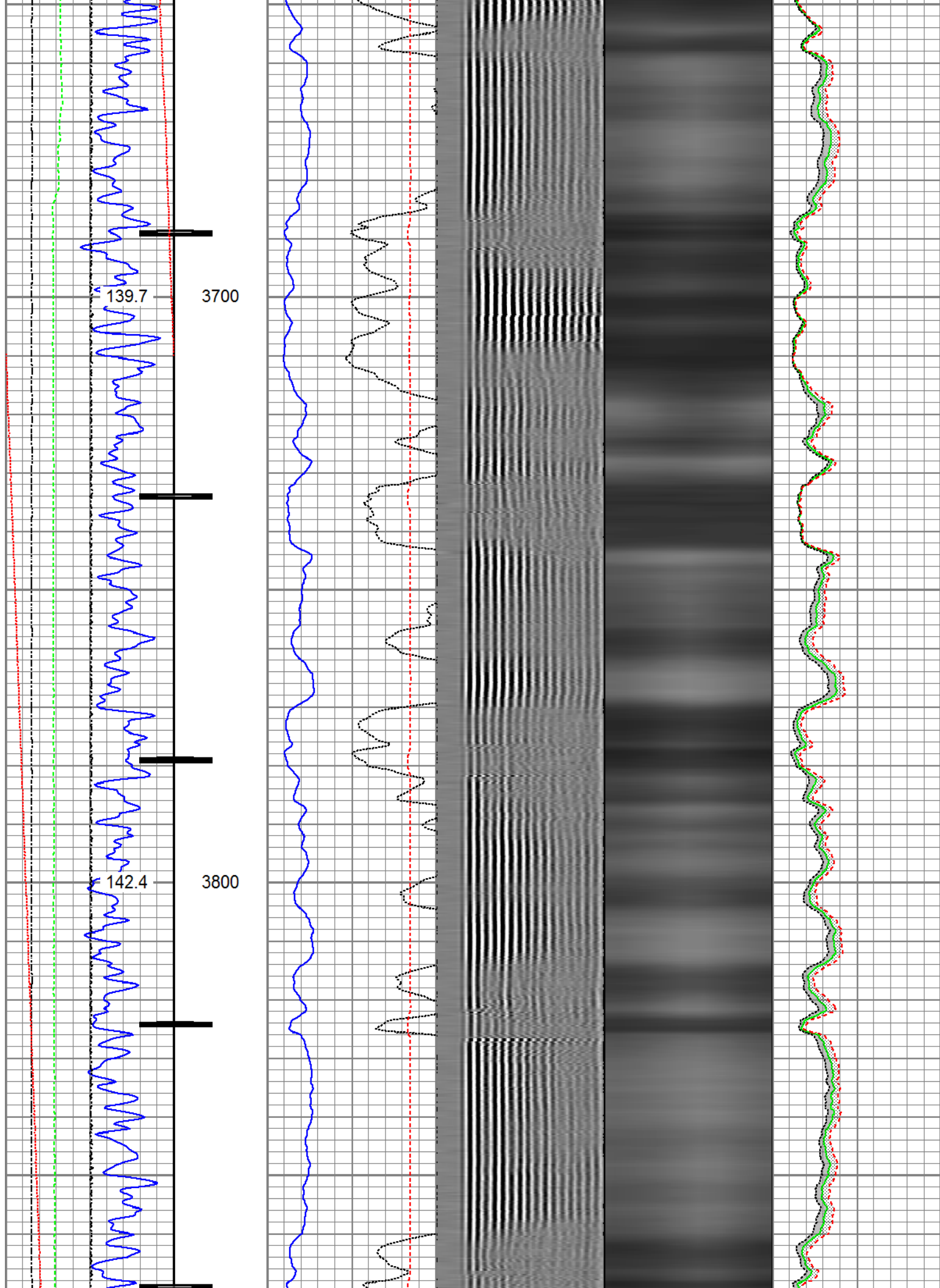


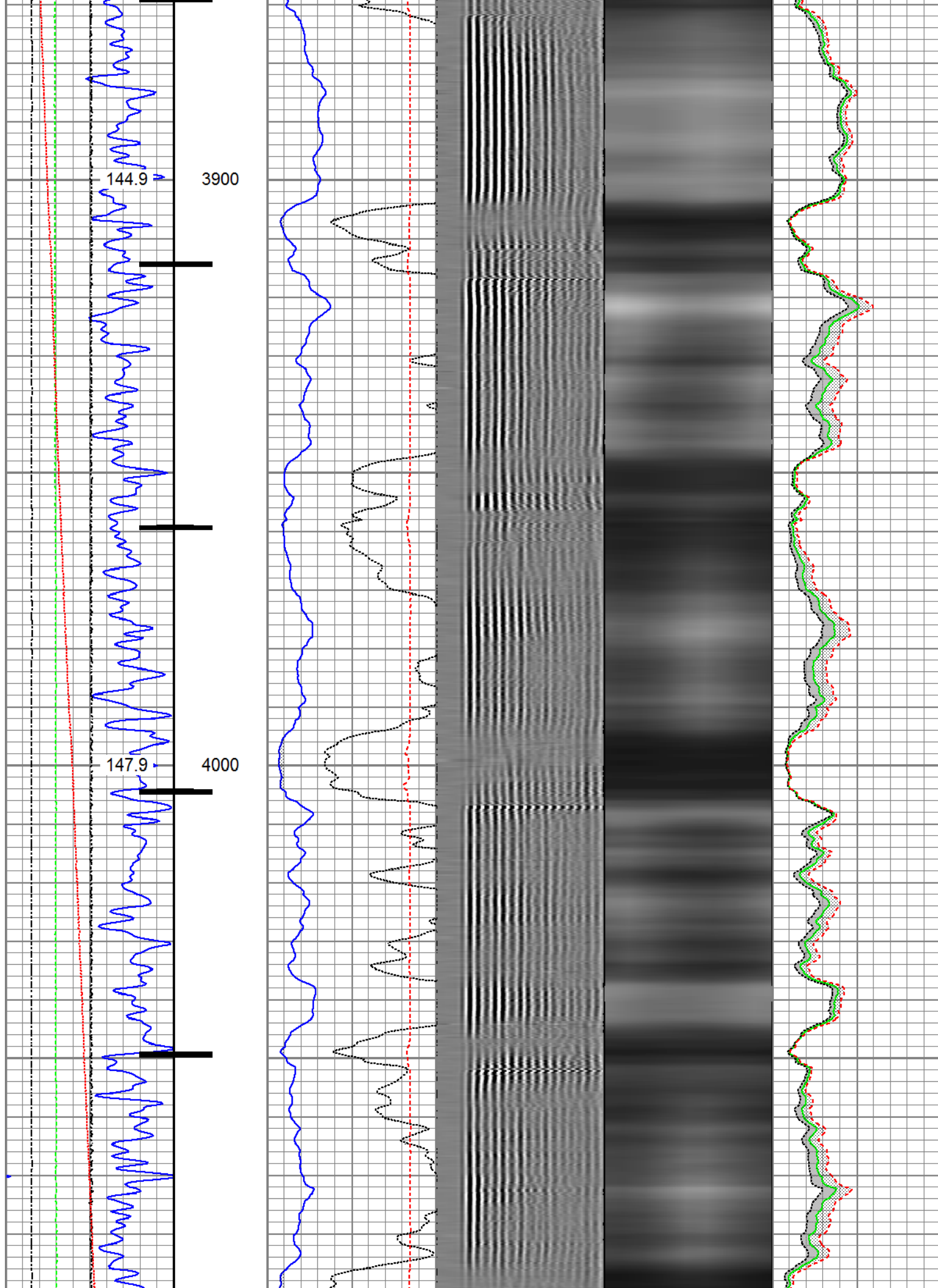




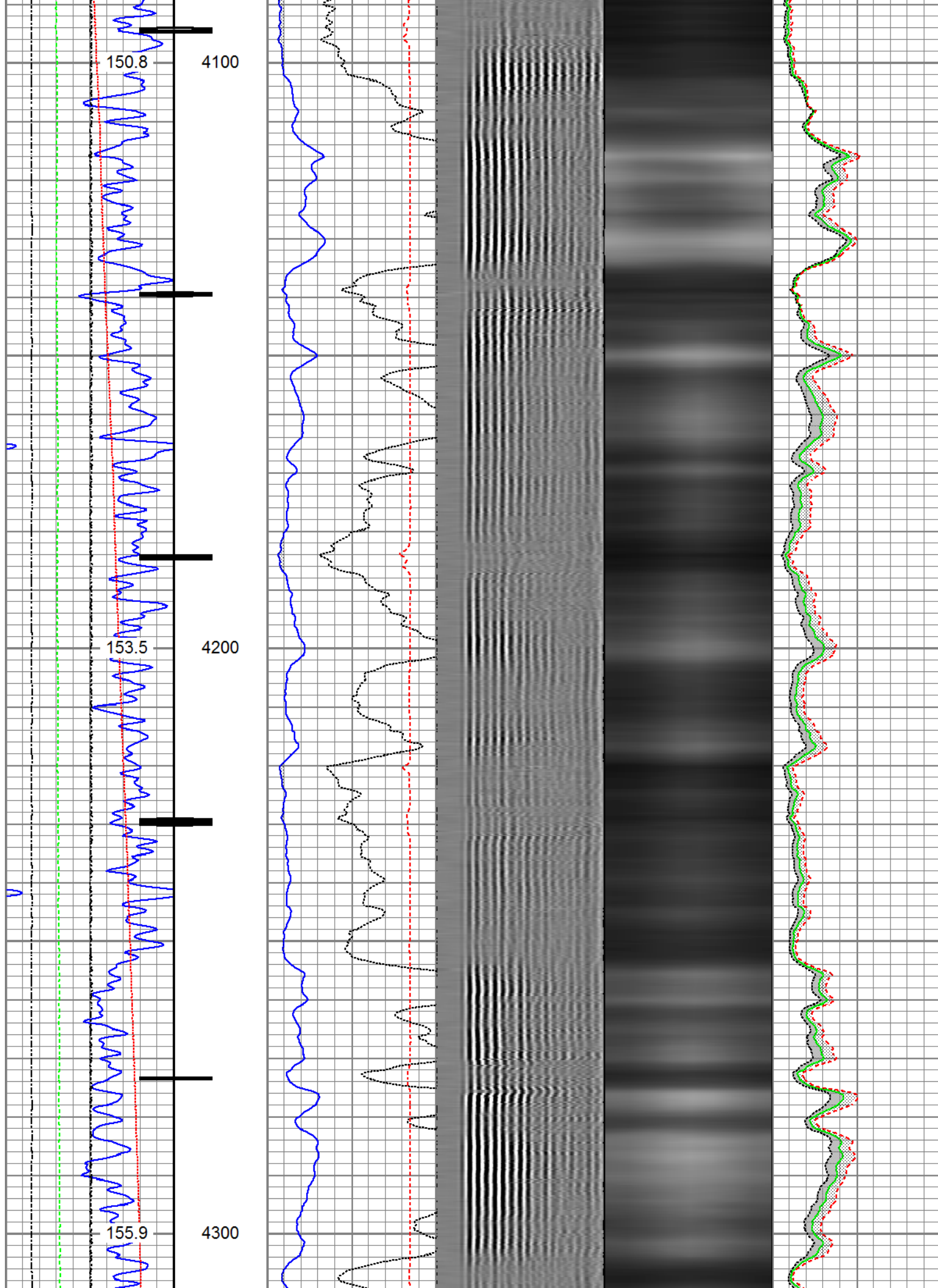


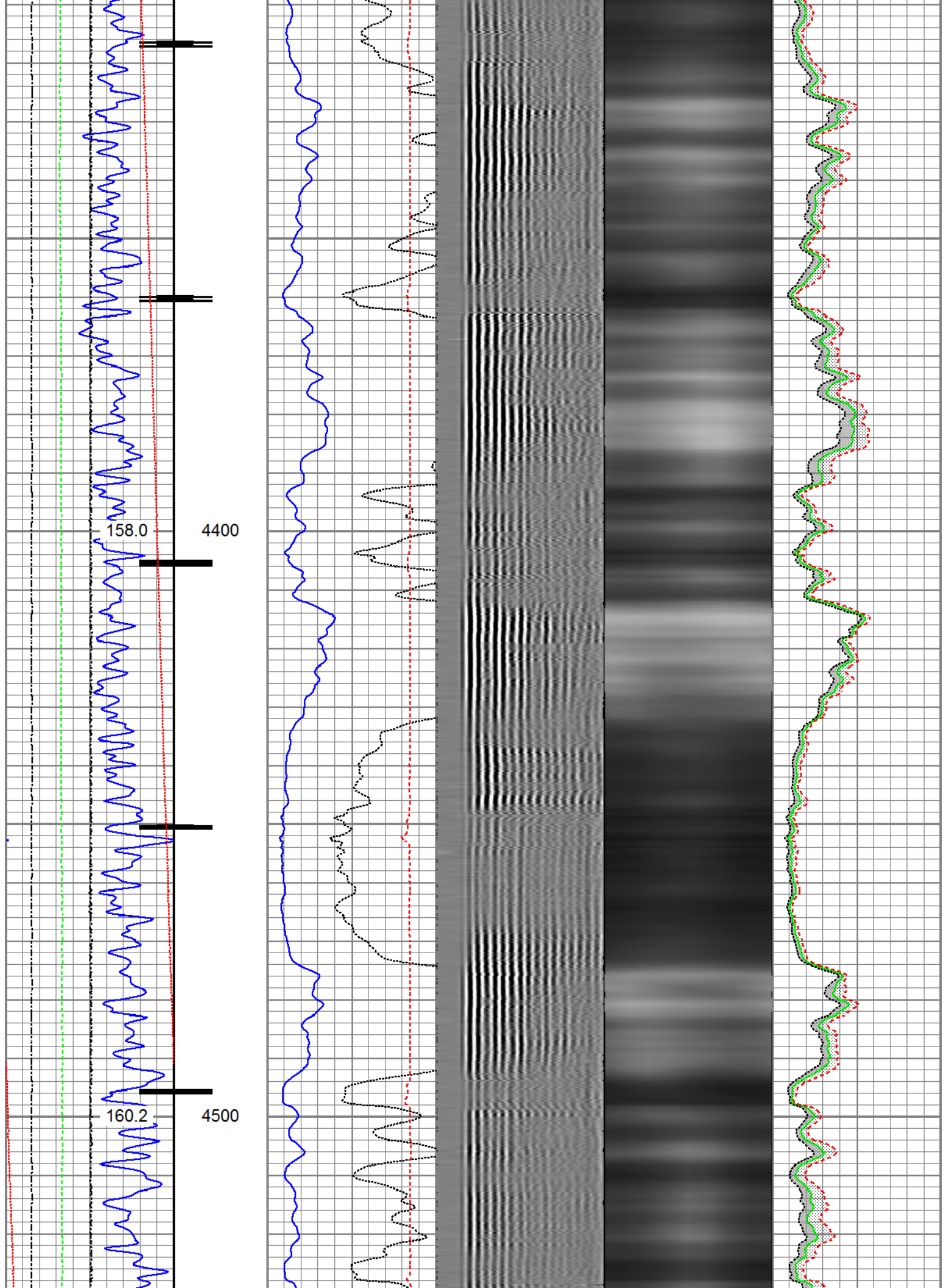


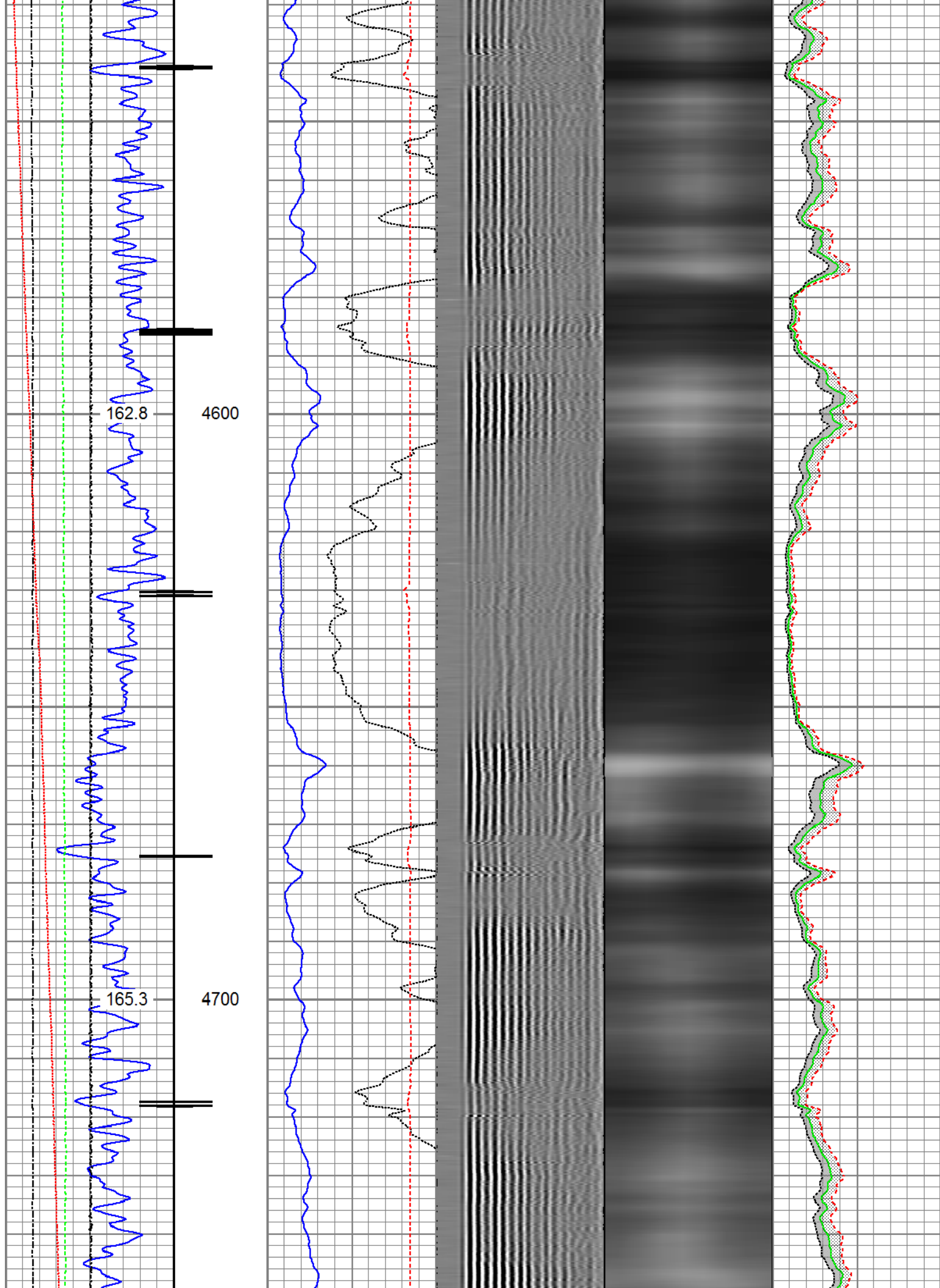




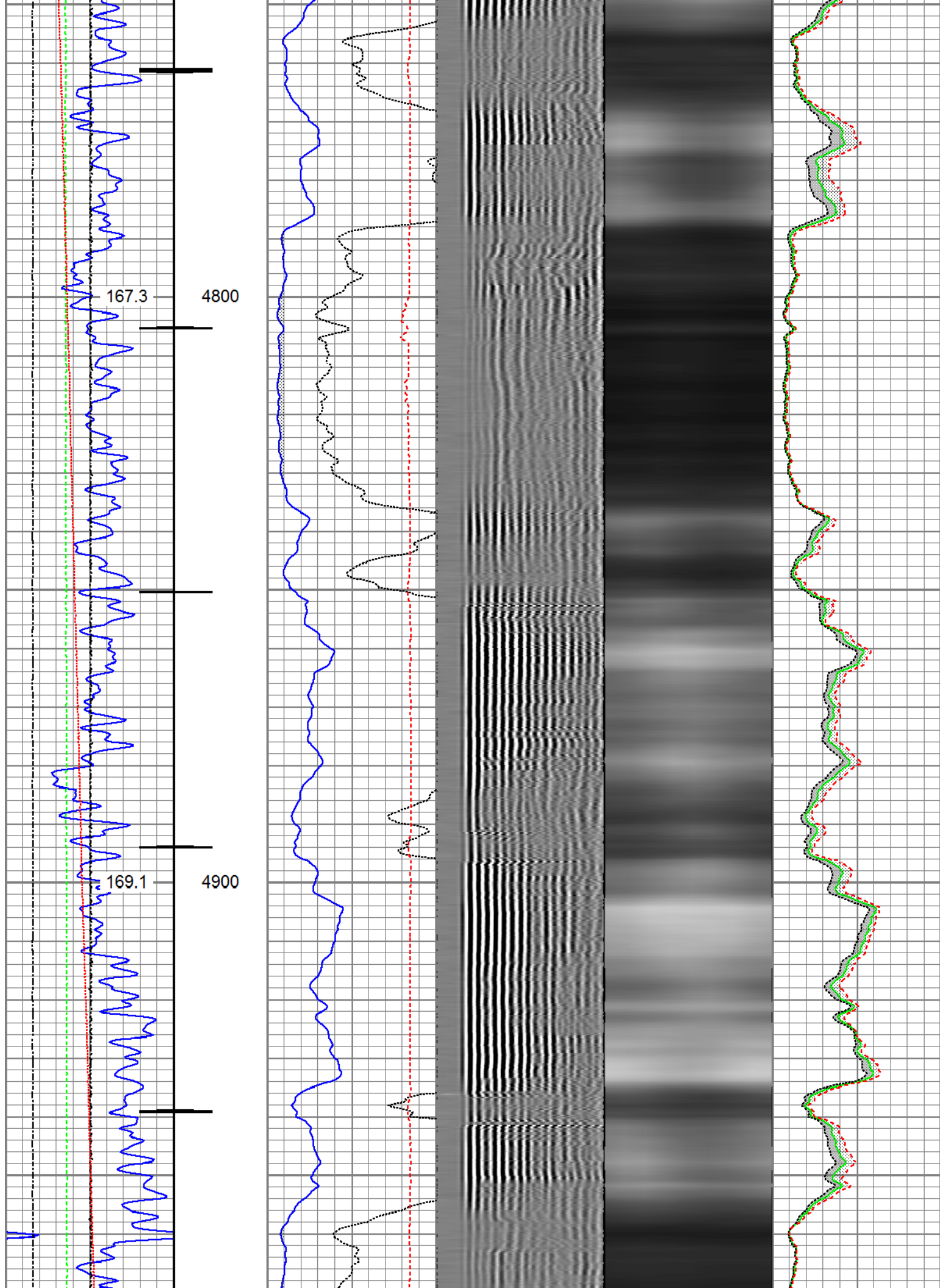




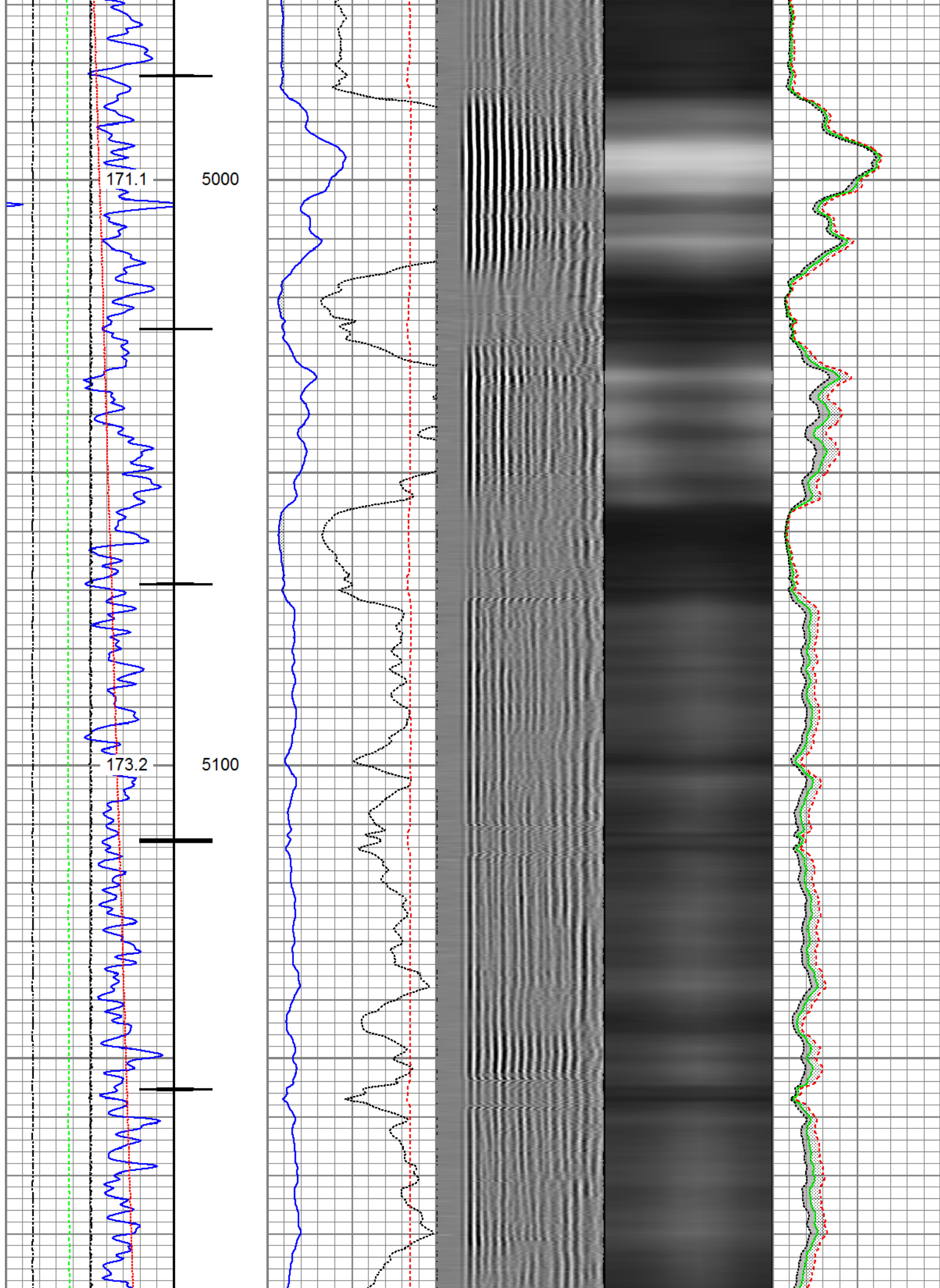


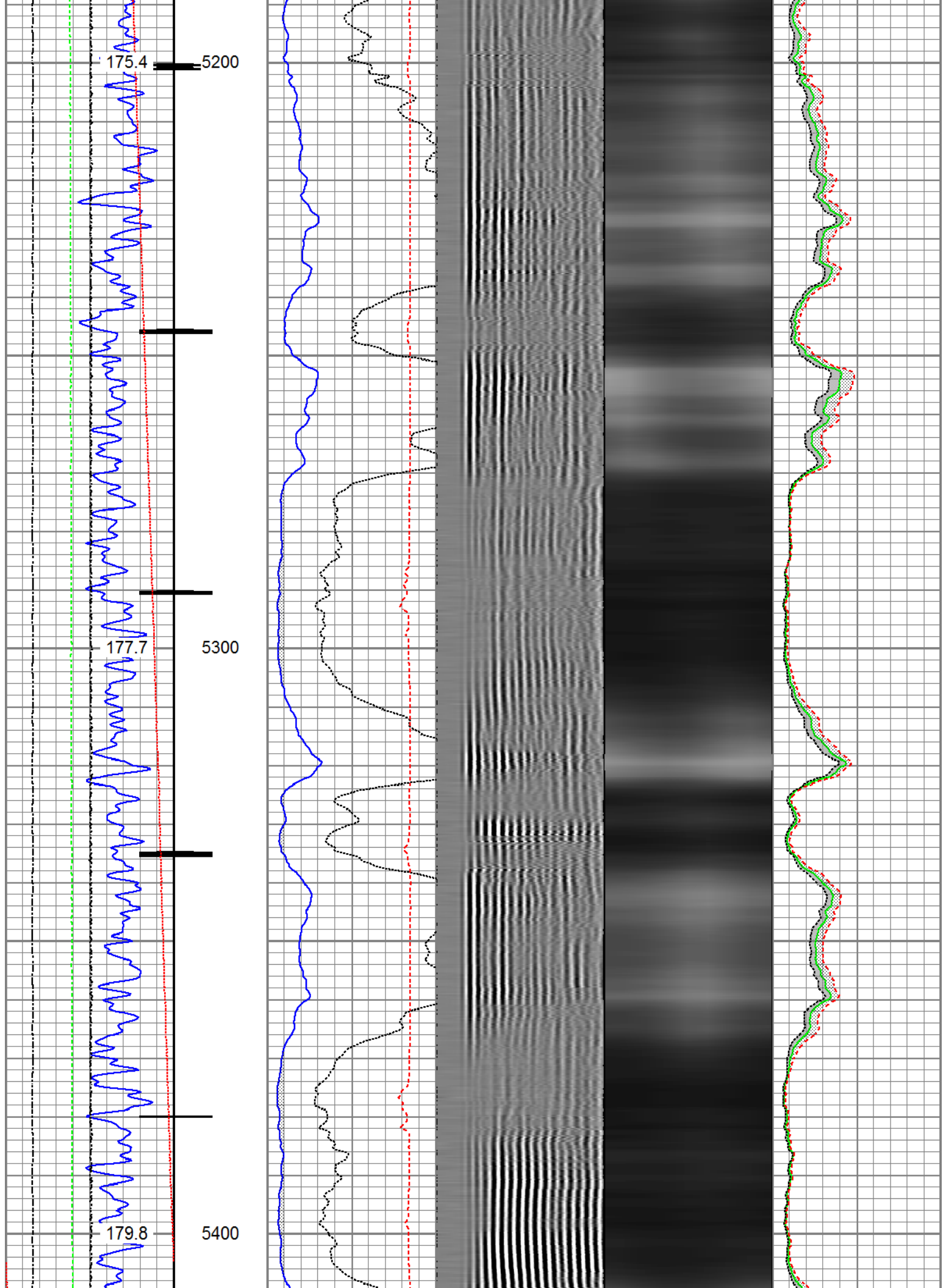


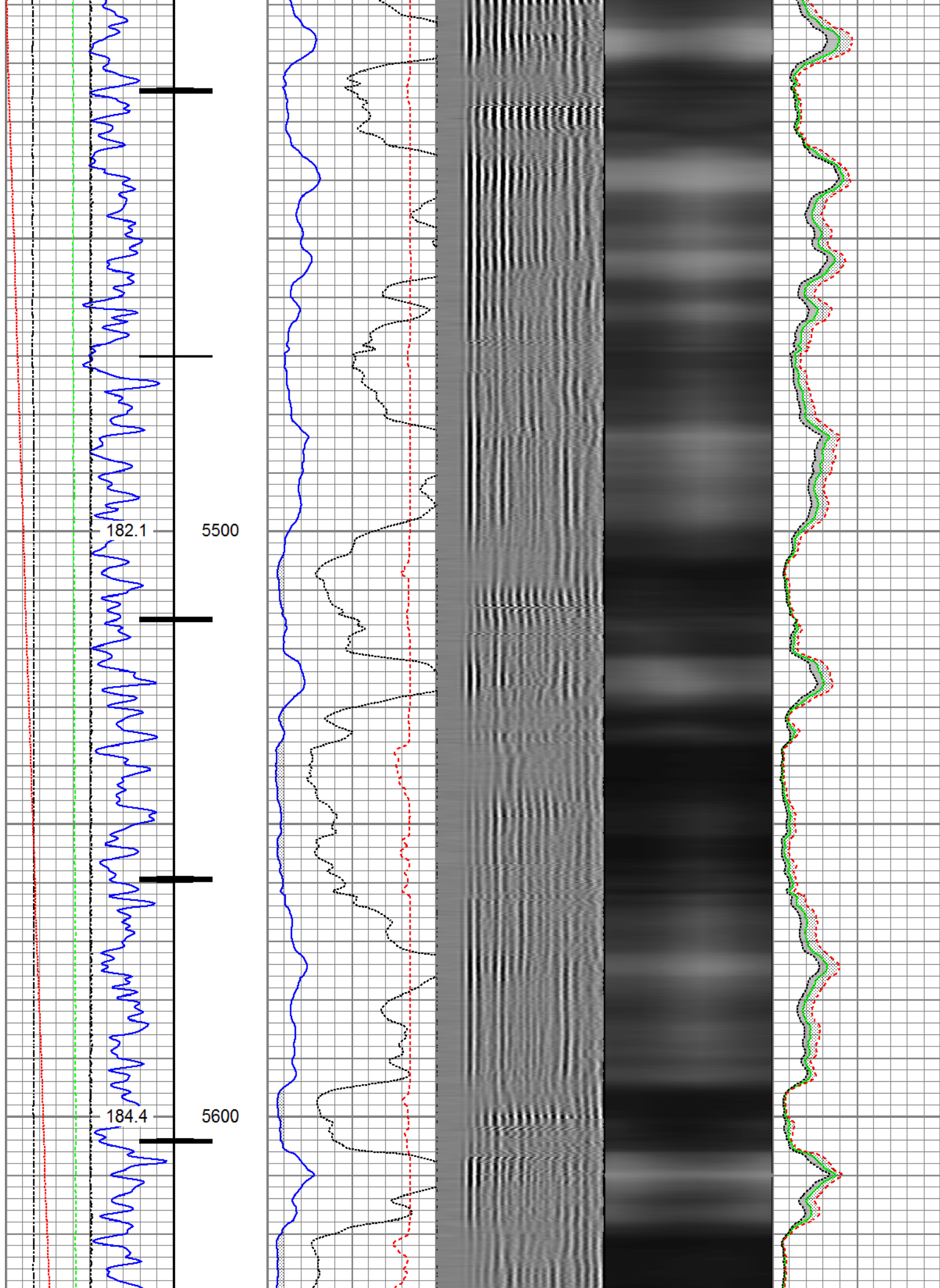


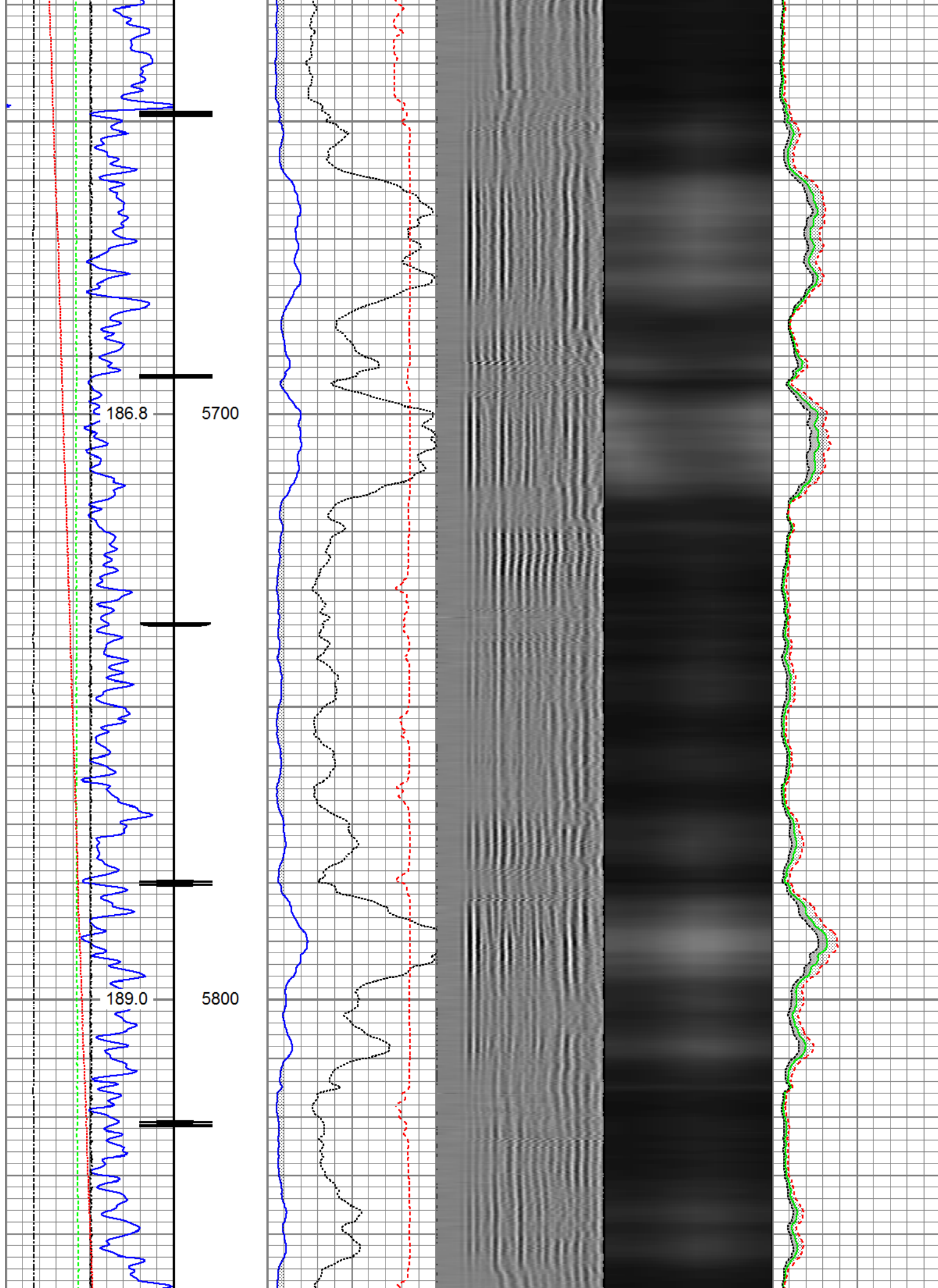




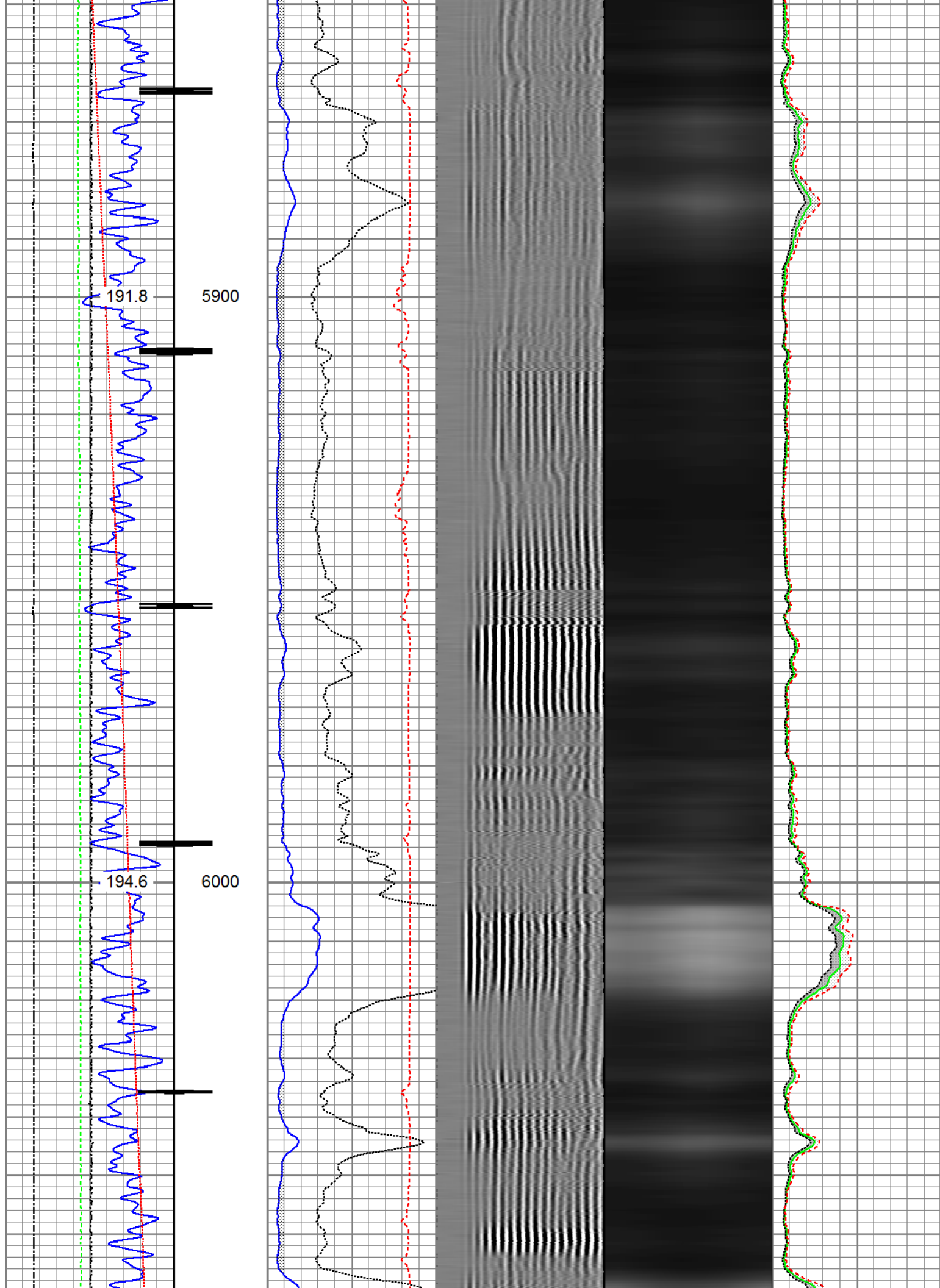


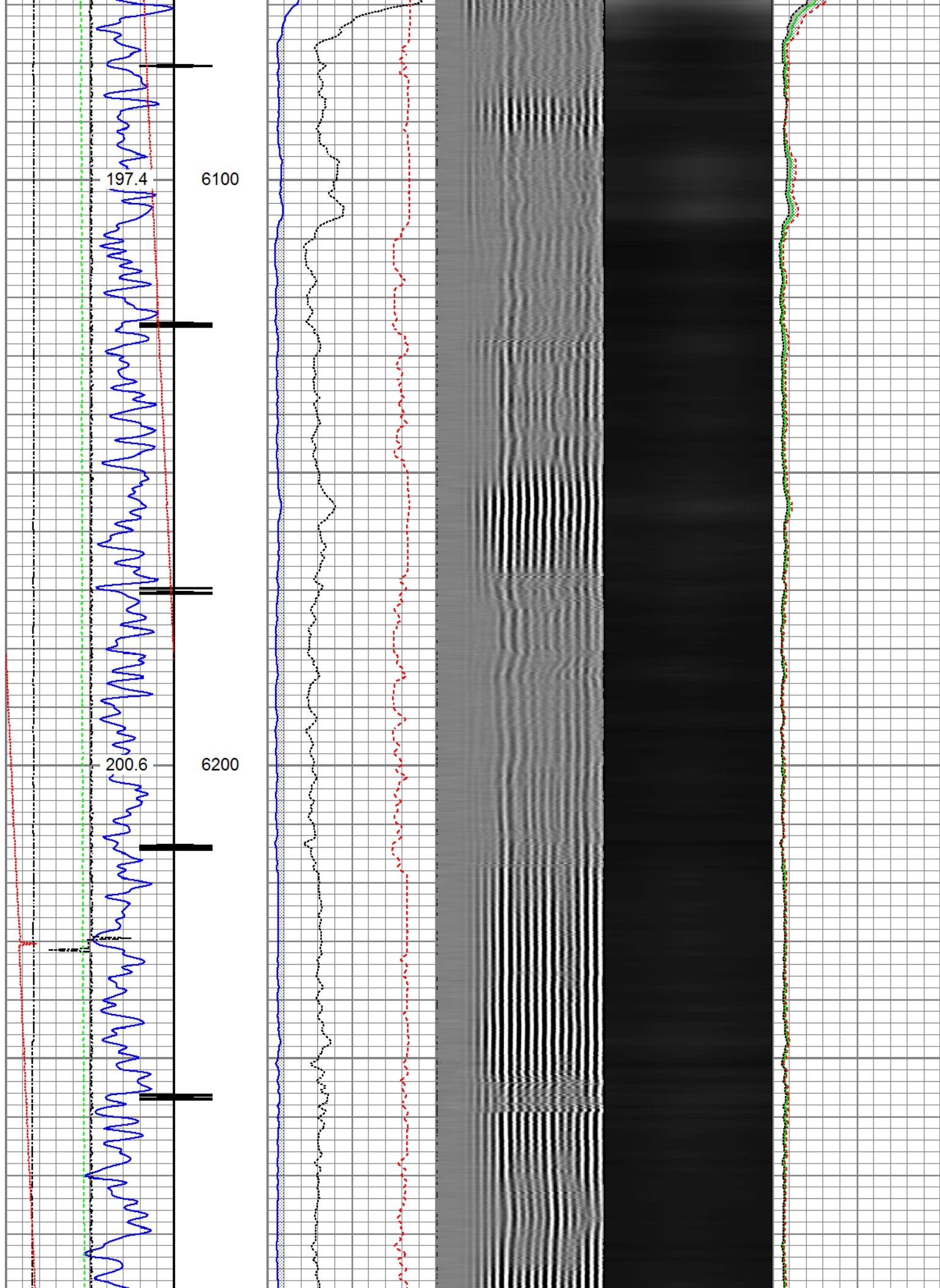


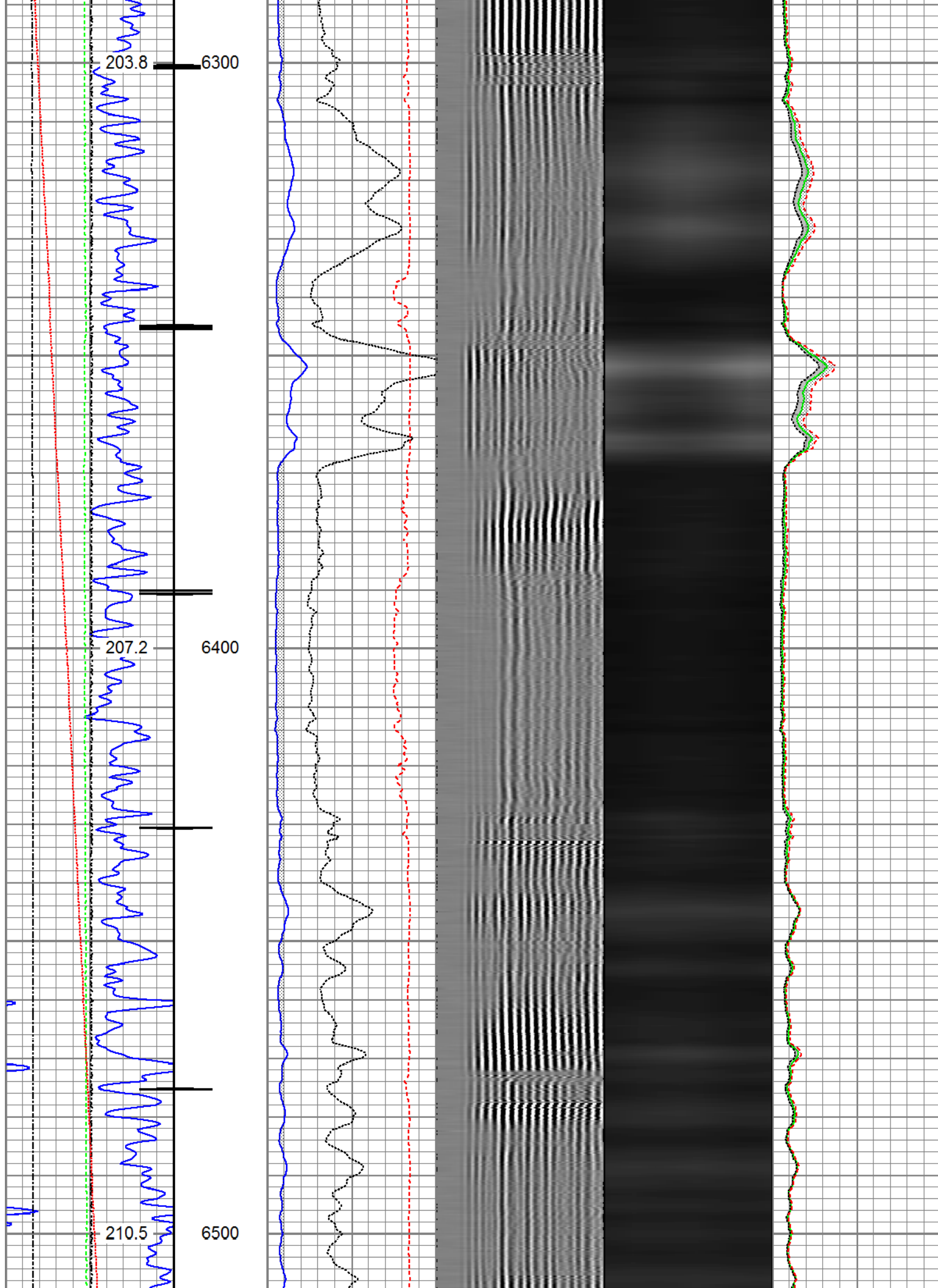


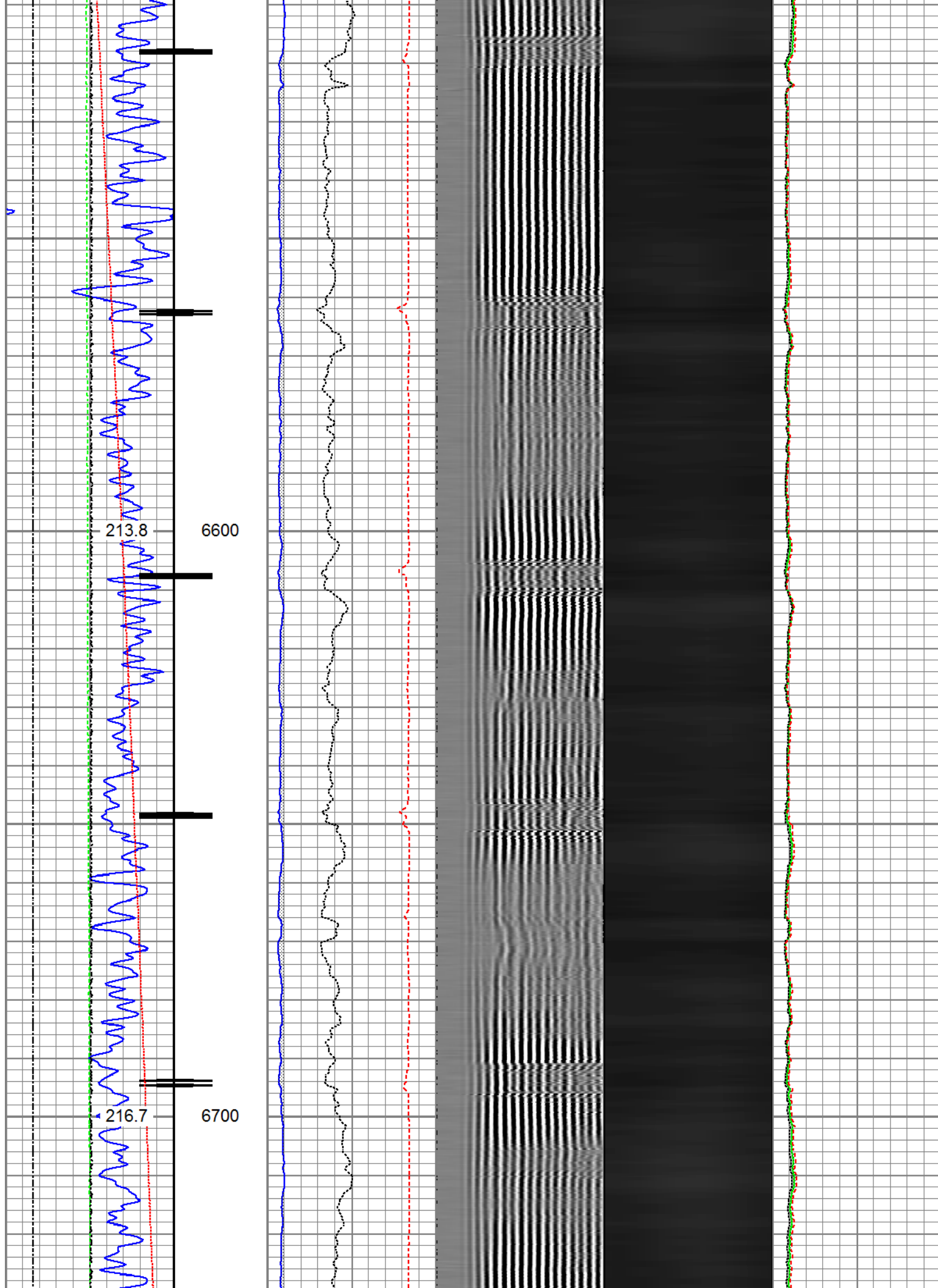




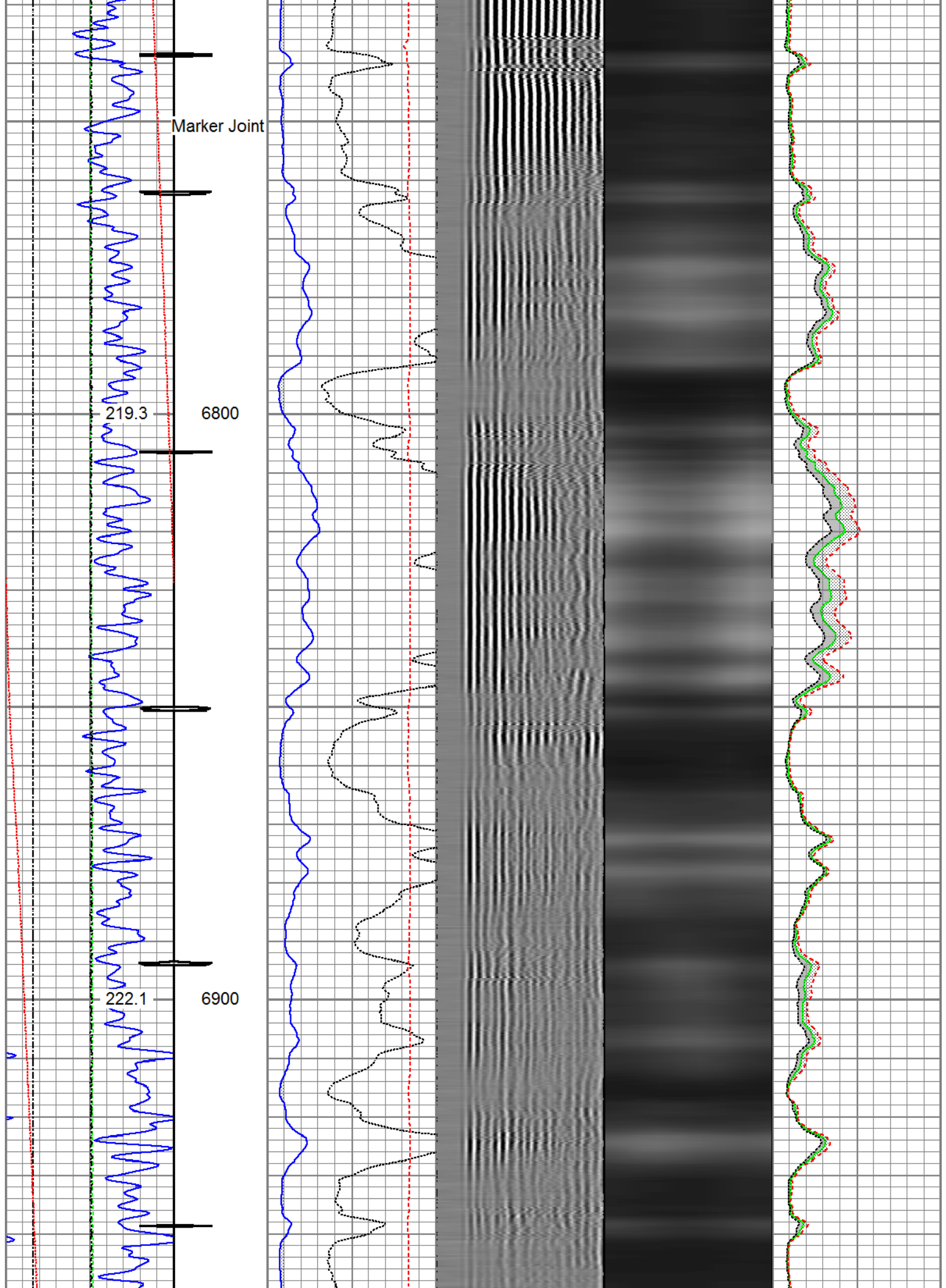


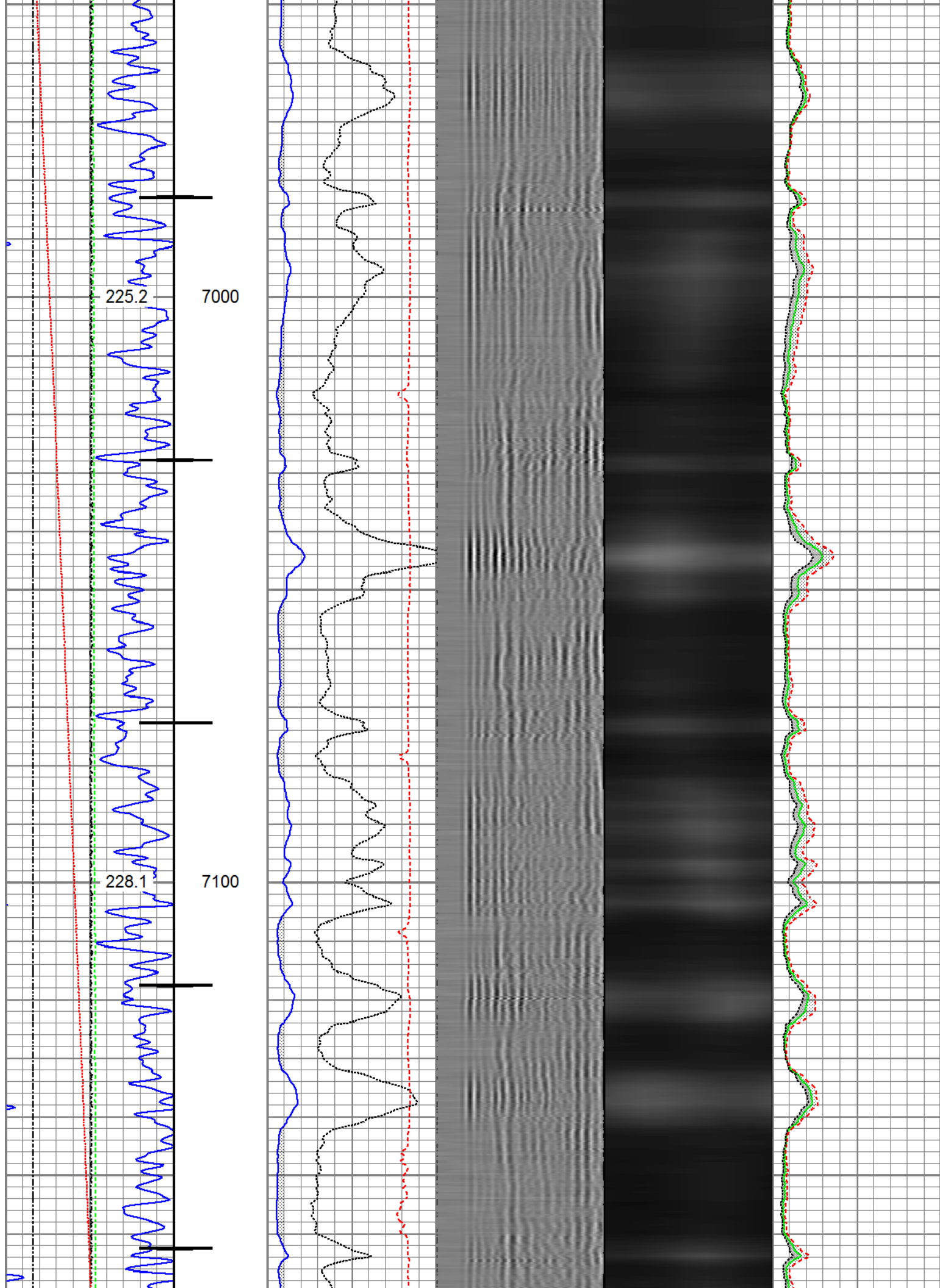


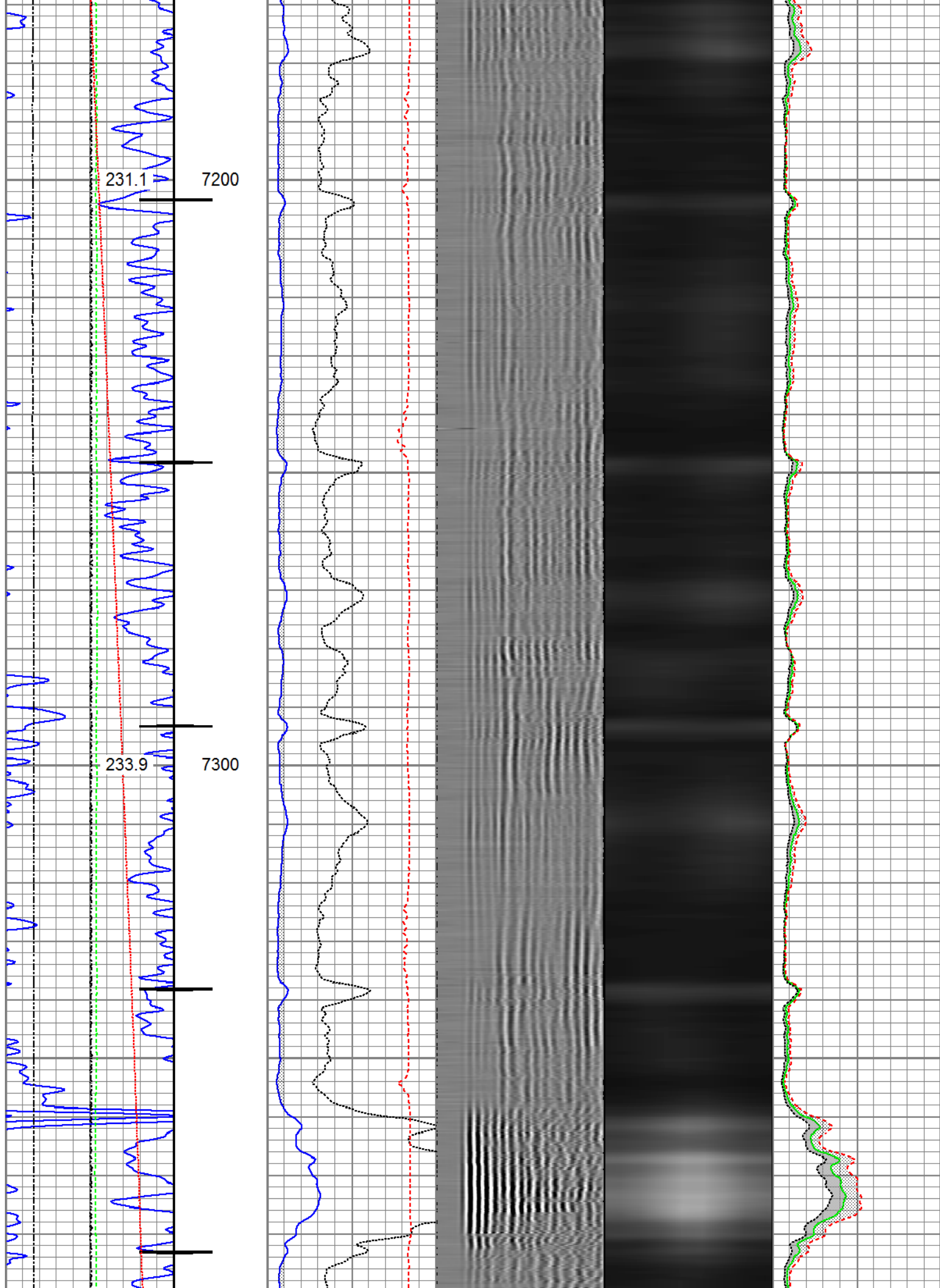


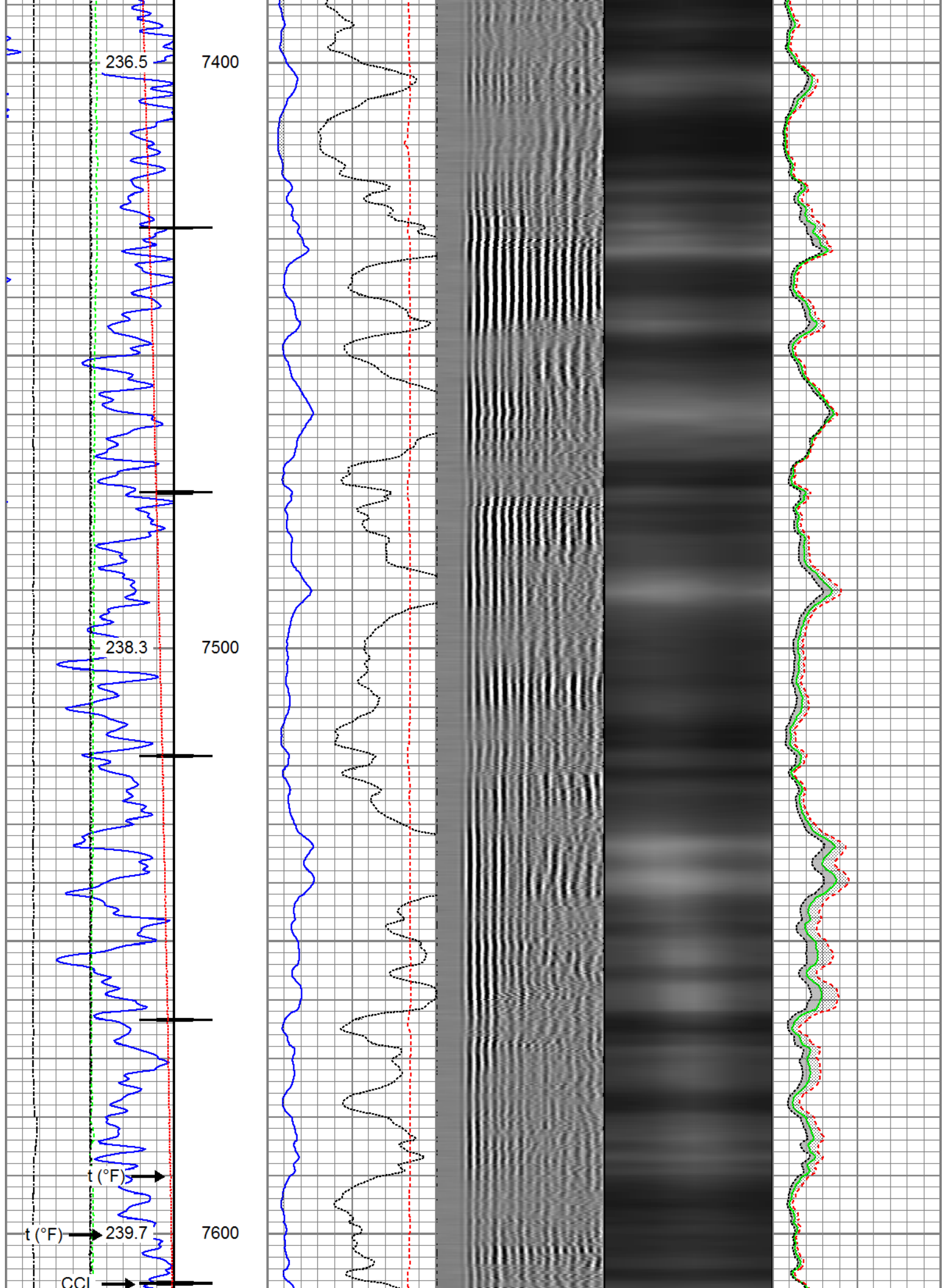




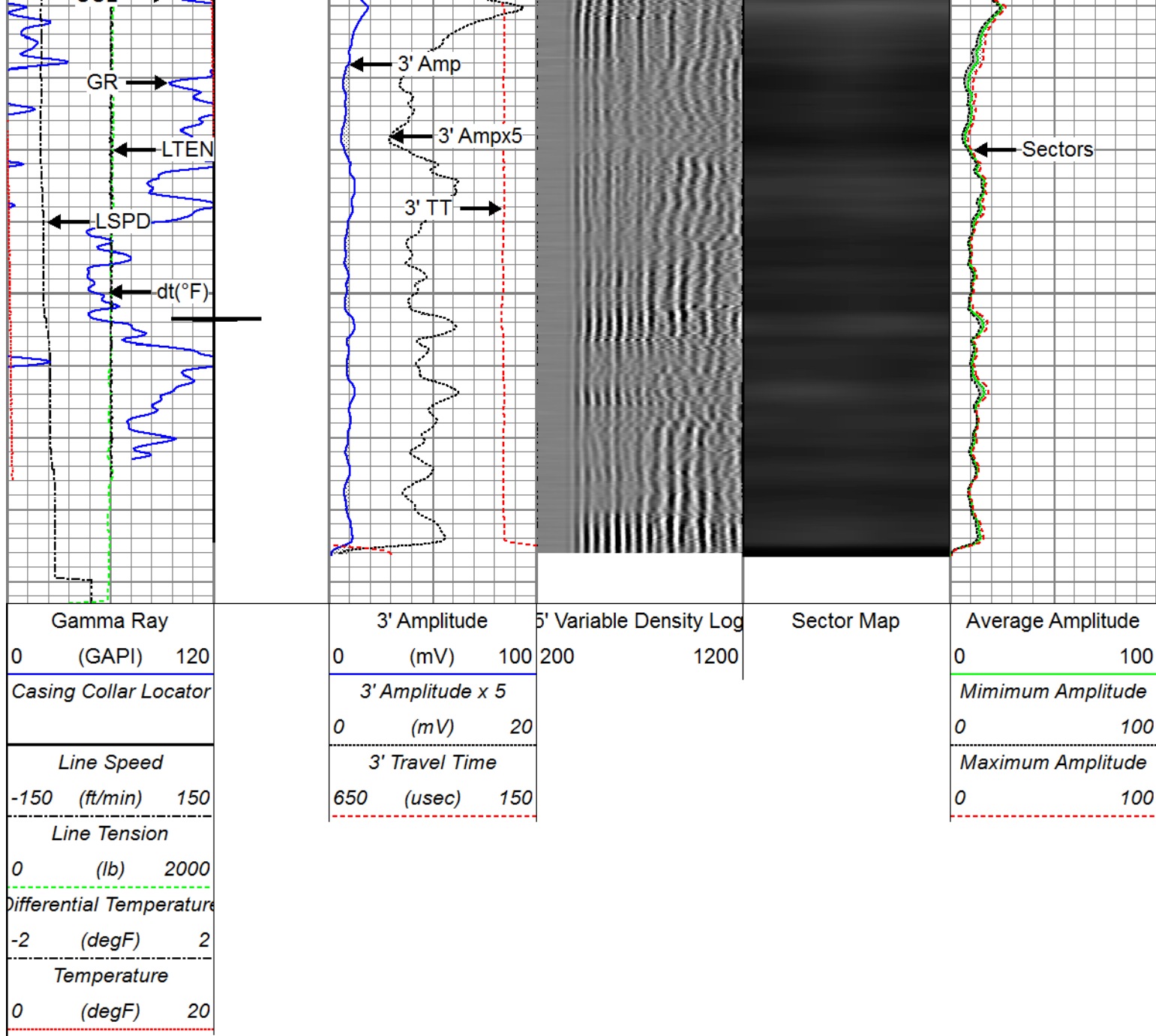








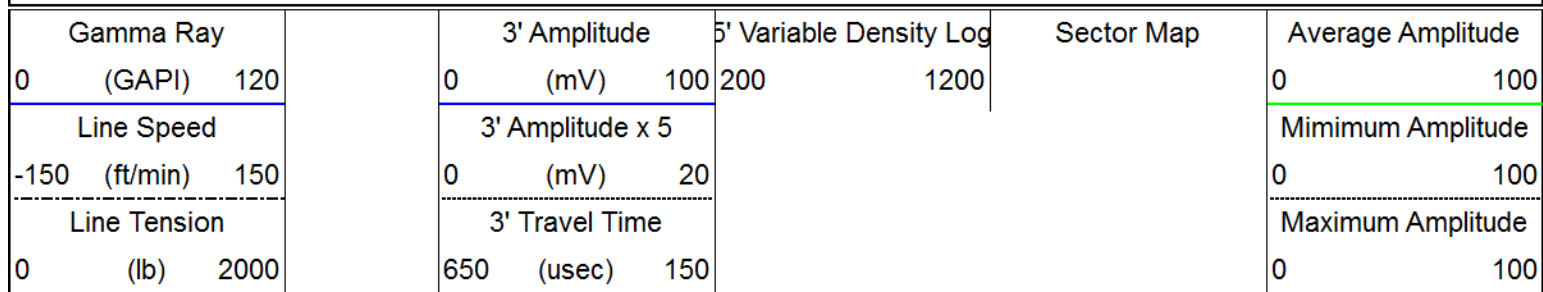




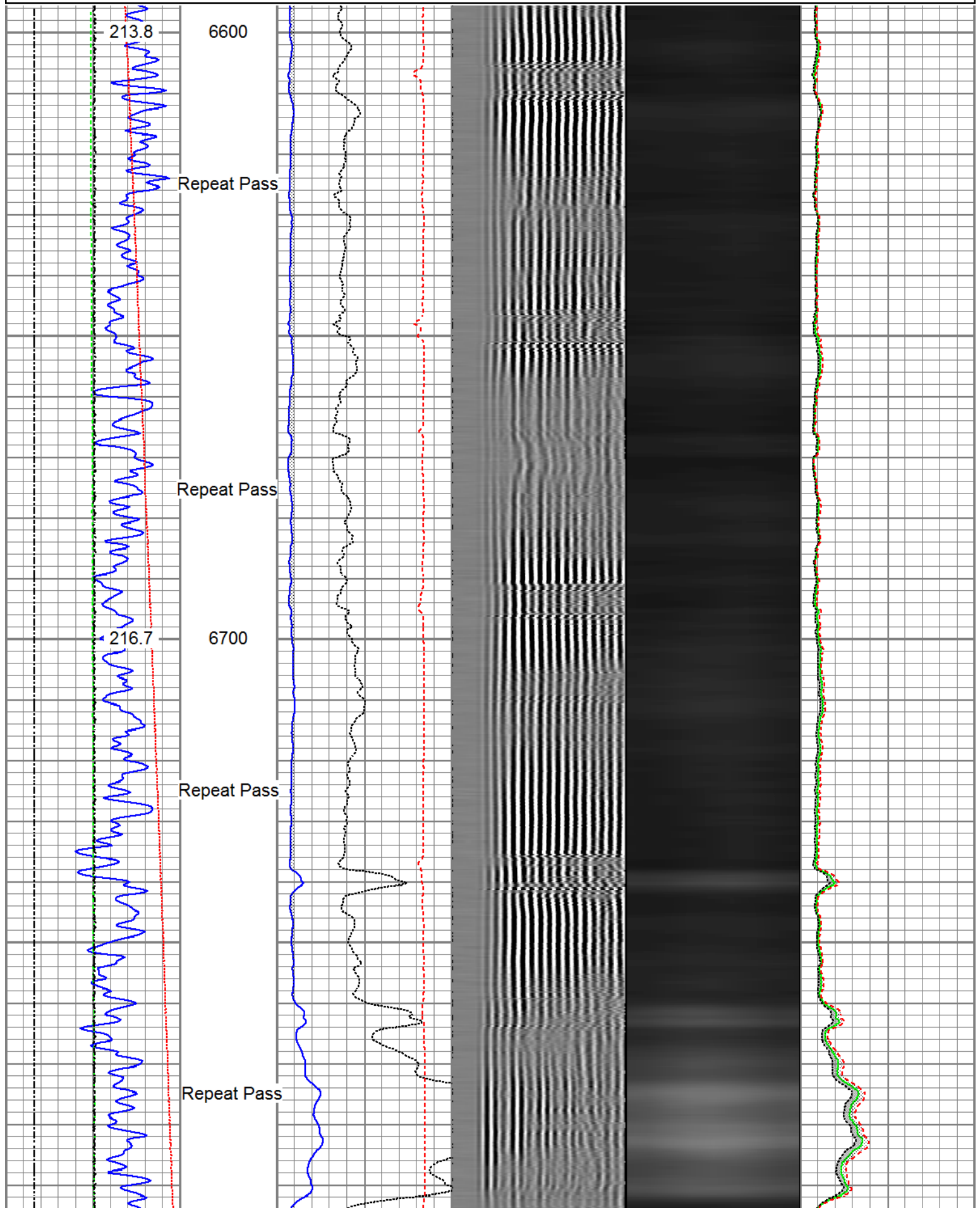
## Repeat Pass

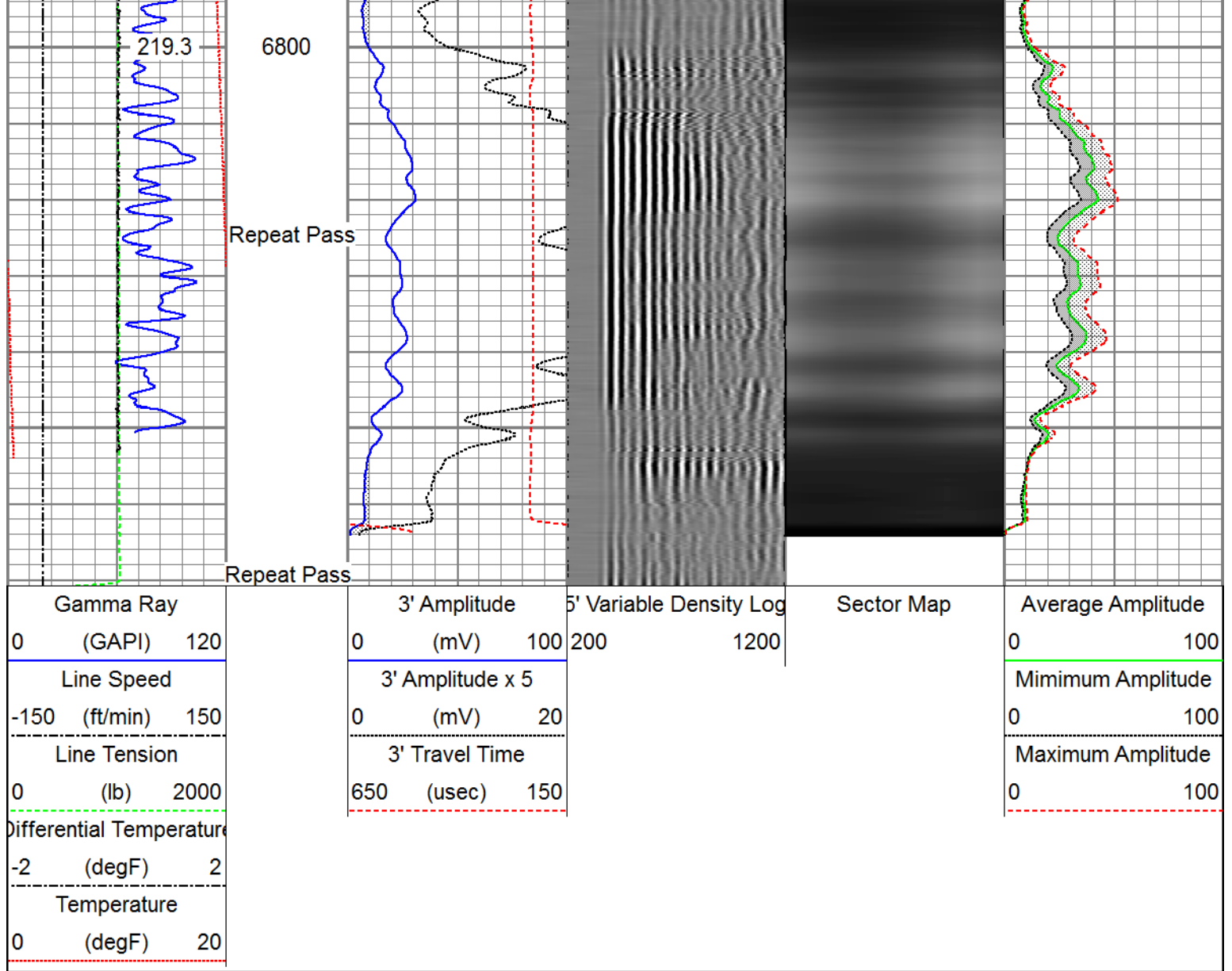
Recorded with 2800 PSI Surface Induced Pressure

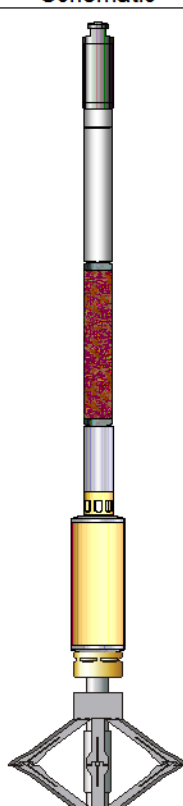
Database File anadarko\_land 15n-32hz\_02-sep-2016\_rbl\processed\_0512342303\_anadarko\_land 15n-32hz\_09-02  
 Dataset Pathname pass3.1  
 Presentation Format ros\_rbt004\_sx  
 Dataset Creation Fri Sep 02 12:17:40 2016  
 Charted by Depth in Feet scaled 1:240

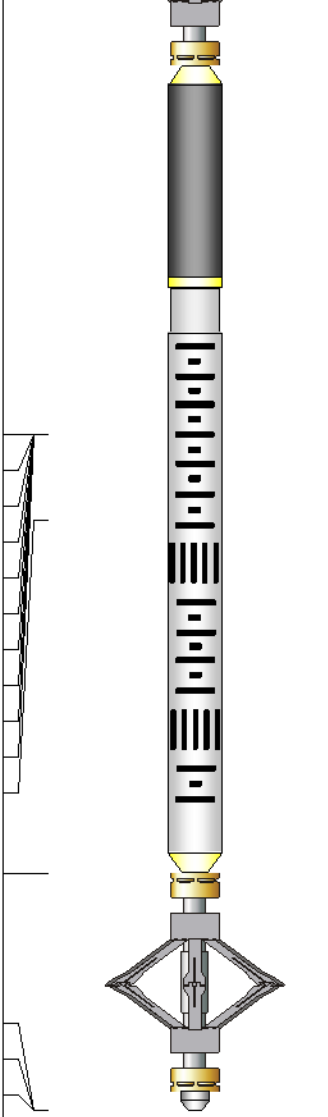


Differential Temperature  
-2 (degF) 2  
Temperature  
0 (degF) 20





Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)	
GR	17.94		Titan_Electric_Cable_Heads-Titan_1-11/16"	1.03	1.69	5.40	
			Electric Cable Head with 1" Fishing Neck				
			UW_AGS-UW_AGS_001 (10010522)	0.21	1.69	1.00	
			Sondex Adapter - GO Box to Sondex Pin				
TEMP	16.54		UW_XTU-UW_XTU_002 (10010522)	1.58	1.69	6.50	
			Crossover Ultrawire Toolbus to Ultralink				
			UW_PGR-UW_PGR_020 (211727)	1.92	1.69	9.50	
CCL	15.30		UW_PRT-PRT_016 (10025097)	1.04	1.69	5.20	
			Platinum Resistance Thermometer				
			UW_CCL-UW_CCL_028 (10024819)	1.61	3.13	36.00	
			3-1/8" Ultrawire Casing Collar Locator				
			UW_PRC-DSS_RAC	2.55	2.75	32.00	
			5 Arm 2-3/4" Roller Centralizer				

CBLROT	7.90		UW_RBT-UW_RBT_004 (10013454) Sondex Ultrawire 3-1/8" Radial Bond Tool	9.48	3.13	140.00	
WVFS8	7.90						
WVFS7	7.90						
WVFS6	7.90						
WVFS5	7.90						
WVFS4	7.90						
WVFS3	7.90						
WVFS2	7.90						
WVFS1	7.90						
WVF3FT	7.90						
WVF5FT	6.90						
CBLTEMP	2.77						
HVOLTX	0.00		UW_PRC-DSS_RAC 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00	
ITEMPX	0.00						
TSTAMP	0.00		UW_BUL-UW_BUL_006 (031422) Sondex Ultrawire Bullnose Terminator	0.22	1.69	1.20	
Dataset: PROCESSED_0512342303_Anadarko_Land 15N-32HZ_09-02-16_RBL_W8.db: field/well/run1/pass5.1 Total length: 22.19 ft Total weight: 268.80 lb O.D.: 3.13 in							

Calibration Report						
Database File	C:\ProgramData\Warrior\Data\Anadarko_Land 15N-32HZ_02-SEP-2016_RBL\PROCESSED_051234					
Dataset Pathname	pass5.1					
Dataset Creation	Fri Sep 02 12:16:15 2016					
Segmented Cement Bond Log Calibration Report						
Serial Number:		10013454				
Tool Model:		UW_RBT_004				
Calibration Casing Diameter:		5.500	in			
Calibration Depth:		42.914	ft			
Master Calibration, performed (Derived):						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	-0.003	0.955	0.800	71.921	74.246	1.013
5FT	-0.073	0.900	0.800	71.921	73.124	6.119
S1	-0.004	0.982	0.000	100.000	101.402	0.373
S2	-0.005	0.971	0.000	100.000	102.467	0.486



S3	-0.005	0.951	0.000	100.000	104.675	0.499
S4	-0.005	0.948	0.000	100.000	104.931	0.503
S5	-0.003	0.931	0.000	100.000	107.039	0.332
S6	-0.004	0.931	0.000	100.000	106.950	0.455
S7	-0.004	0.949	0.000	100.000	104.915	0.386
S8	-0.004	0.975	0.000	100.000	102.086	0.425

### Temperature Calibration Report

Serial Number: 10025097  
 Tool Model: PRT\_016  
 Performed: Sun Oct 11 12:34:58 2015

Point #	Reading		Reference	
1	13053.00	cps	68.00	degF
2	18014.00	cps	104.00	degF
3	29668.00	cps	176.00	degF
4	41181.00	cps	248.00	degF
5	52983.00	cps	320.00	degF
6	58931.00	cps	356.00	degF
7		cps		degF
8		cps		degF
9		cps		degF
10		cps		degF

### Gamma Ray Calibration Report

Serial Number: 211727  
 Tool Model: UW\_PGR\_020  
 Performed: (Not Performed)

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps  
 Calibrator Reading: 1.0 cps

Sensitivity: 1.0000 GAPI/cps



Company Kerr-McGee Oil & Gas Onshore, L.P.  
 Well Land 15N-32HZ  
 Field Wattenberg  
 County Weld  
 State Colorado