



Radial Cement Bond
Gamma Ray
Casing Collar Log

Company SRC Energy Inc.		Company SRC Energy Inc.	
Well Beebe 14C-26-M		Well Beebe 14C-26-M	
Field Wattenberg		Field Wattenberg	
County Weld		County Weld	
State Colorado		State Colorado	
Location:		API #: 05-123-44724	
Permanent Datum SEC 34 TWP 6N RGE 66W		Ground Level Elevation 4700'	
Log Measured From		Ground Level	
Drilling Measured From		Ground Level	
Other Services		JB/GR	
Elevation		K.B. 4720'	
		D.F. 4719'	
		G.L. 4700'	
Date		18-AUG-2017	
Run Number		Two	
Depth Driller		14392 FT	
Depth Logger		6650 FT	
Bottom Logged Interval		6646 FT	
Top Log Interval		Surface	
Open Hole Size		---	
Type Fluid		Water	
Density / Viscosity		8.34 lb/gal	
Max. Recorded Temp.		218°F	
Estimated Cement Top		See Log	
Time Well Ready		ROA	
Time Logger on Bottom		13:30	
Equipment Number		HD-325	
Location		Fort Lupton, CO	
Recorded By		G. Lueck	
Witnessed By		T. Mattern	
Borehole Record			
Run Number			
Bit			
From			
To			
Size			
Weight			
From			
To			
Tubing Record			
Casing Record			
Size (in)			
Wgt (lbs/ft)			
Grade			
Top			
Bottom			
Surface Casing			
9 5/8			
36			

Intermediate #1			
5 1/2			
20			
P-110			
Surface			
14382 FT			
Intermediate #2			
Liner			

<<< Fold Here >>>

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.

Comments

Log ran as per customer request
Depth referenced to Casing Tally reported Marker Joint at 6583 FT
Adjusted -6 FT to correlate with Marker Joint
Gauge Ring/Junk Basket ran to 7521 FT with no debris
Log ran with 2500 PSI surface induced pressure
Logging tools were clean and free of any debris upon completion of operations

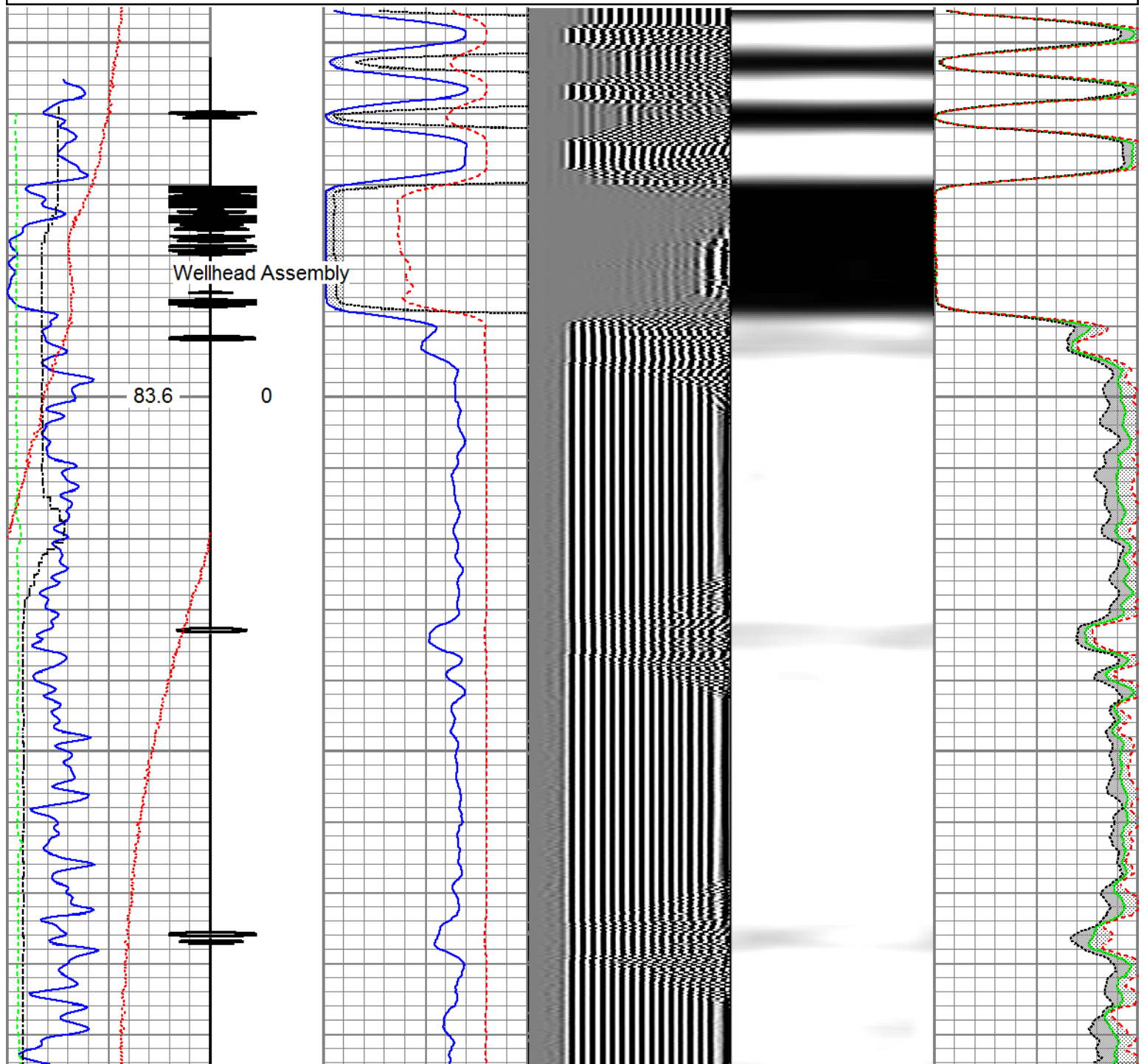
Thank you for choosing Reliance Oilfield Services, LLC!!

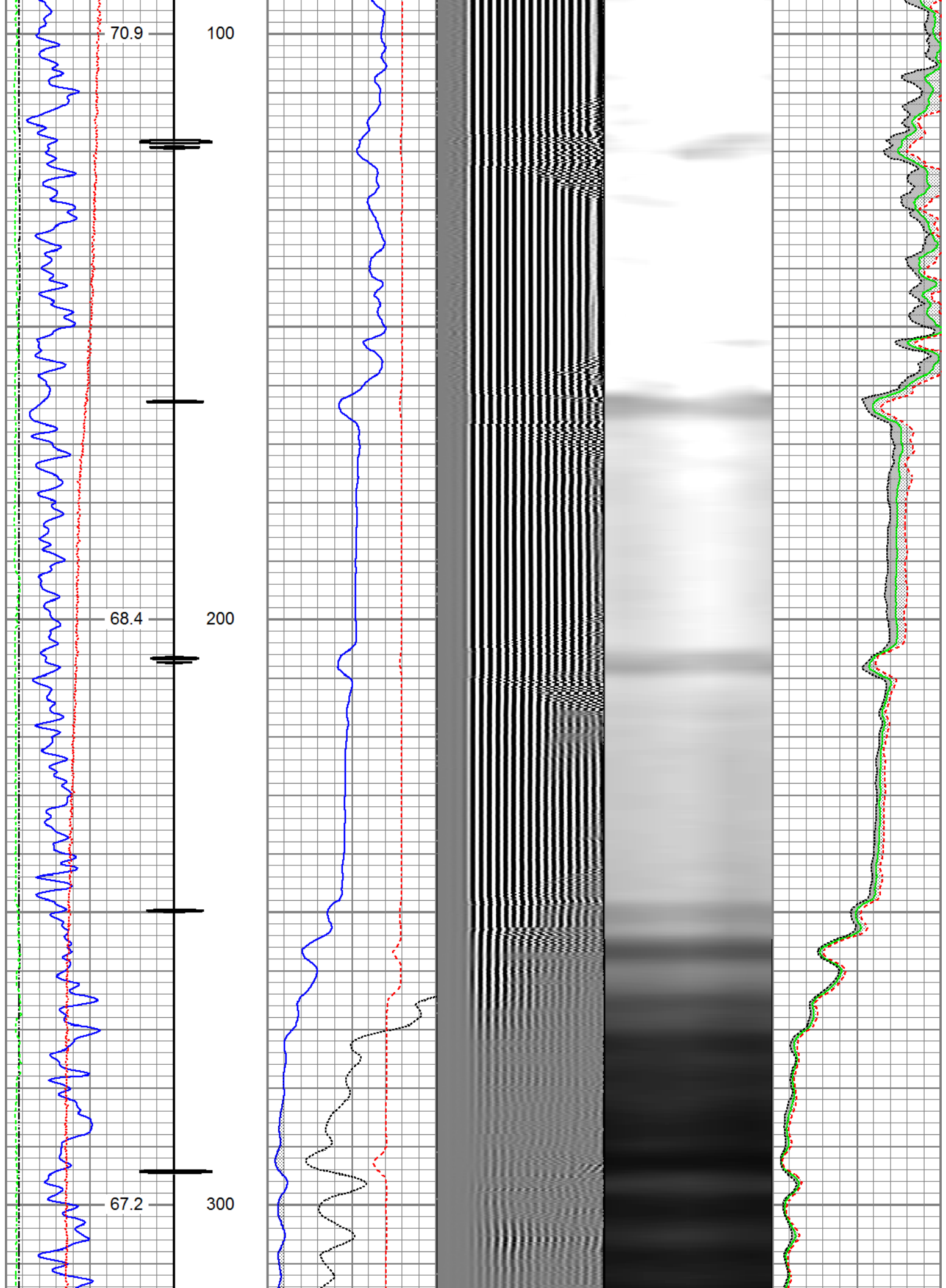


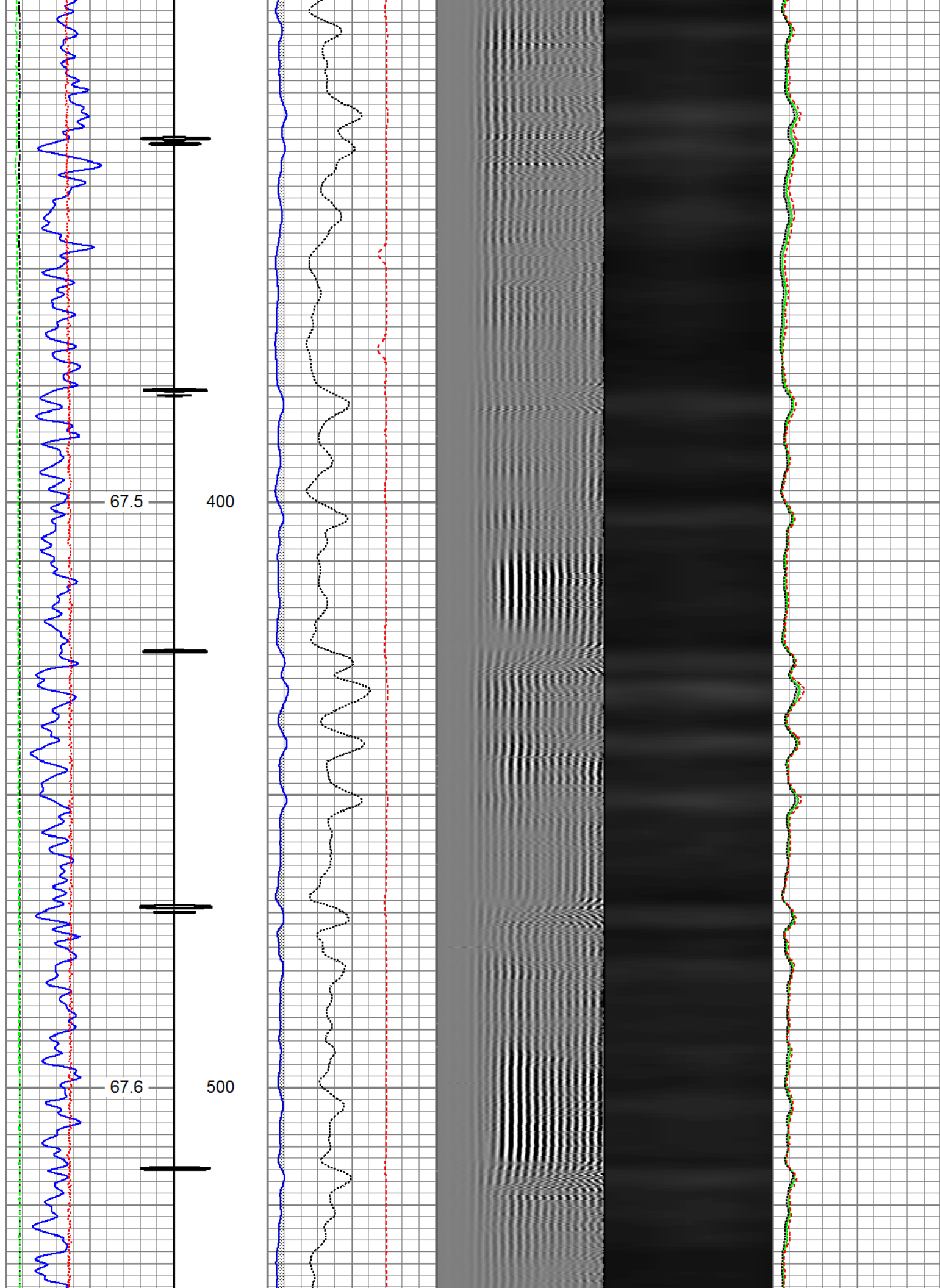
Main Pass

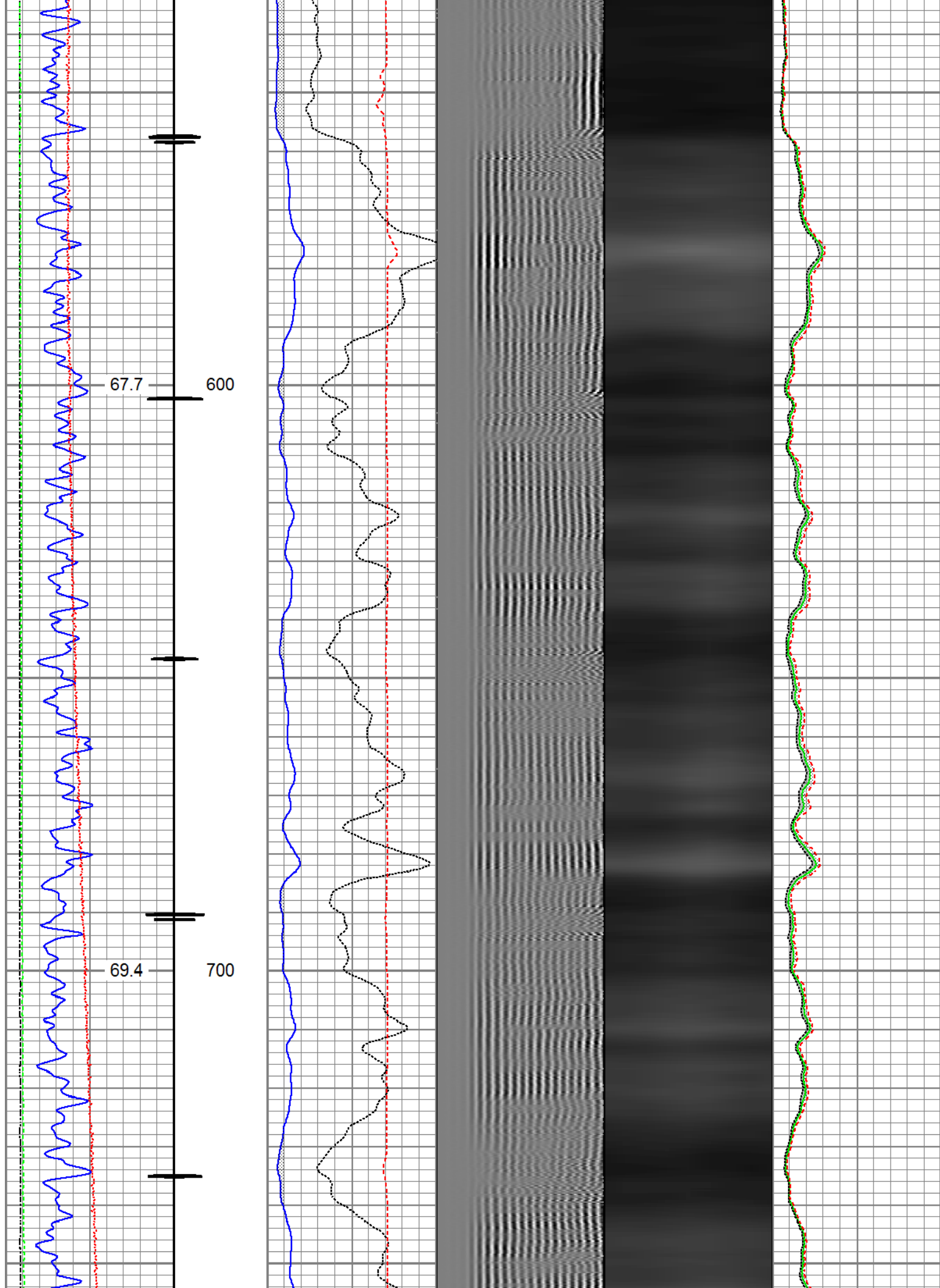
Recorded with 2500 PSI Surface Induced Pressure

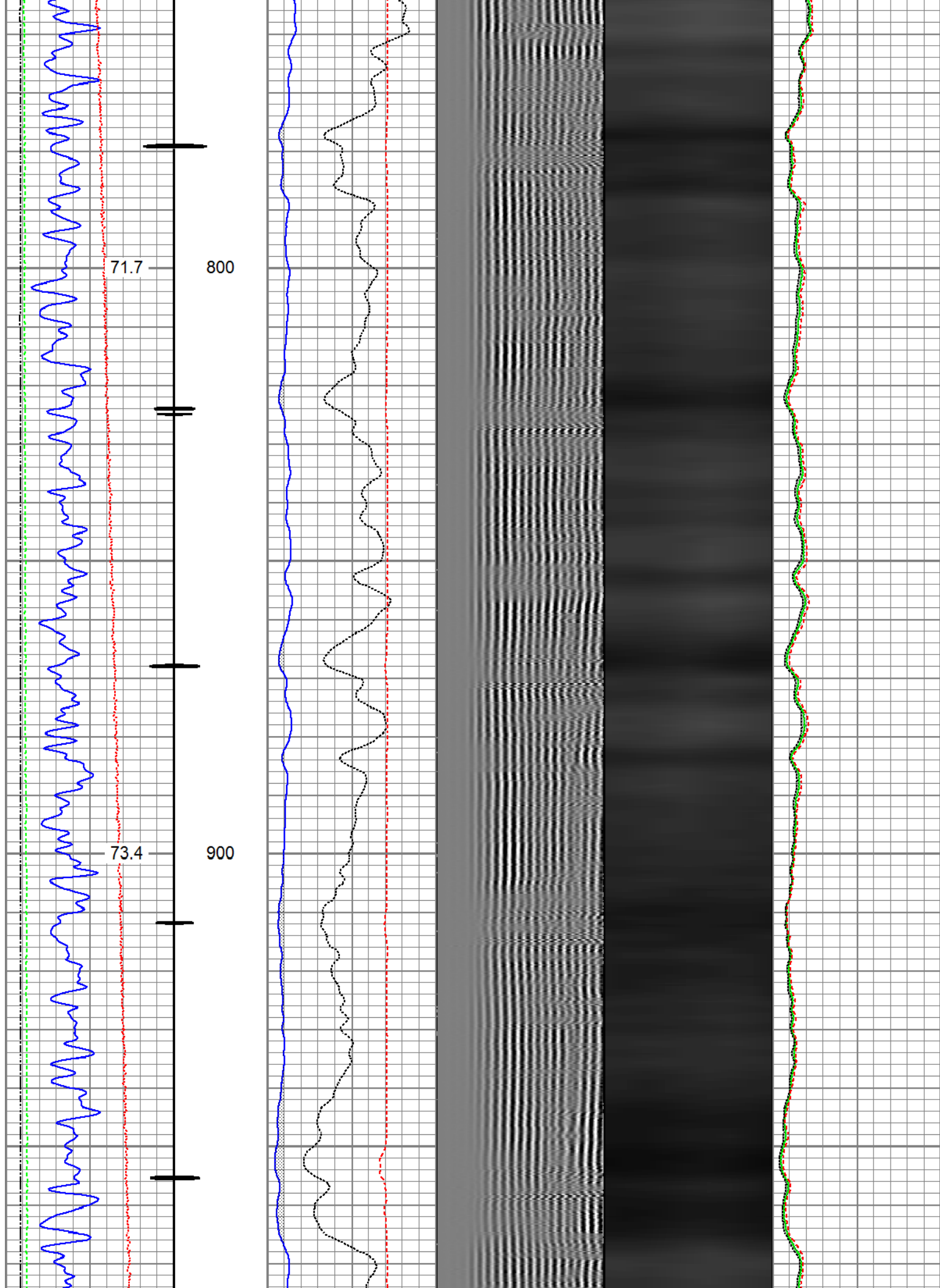
Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 120	0 (mV) 100	200 1200		0 100
Casing Collar Locator	3' Amplitude x 5			Mimimum Amplitude
	0 (mV) 20			0 100
Temperature	3' Travel Time			Maximum Amplitude
0 (degF) 20	650 (usec) 150			0 100
Line Speed				
-150 (ft/min)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

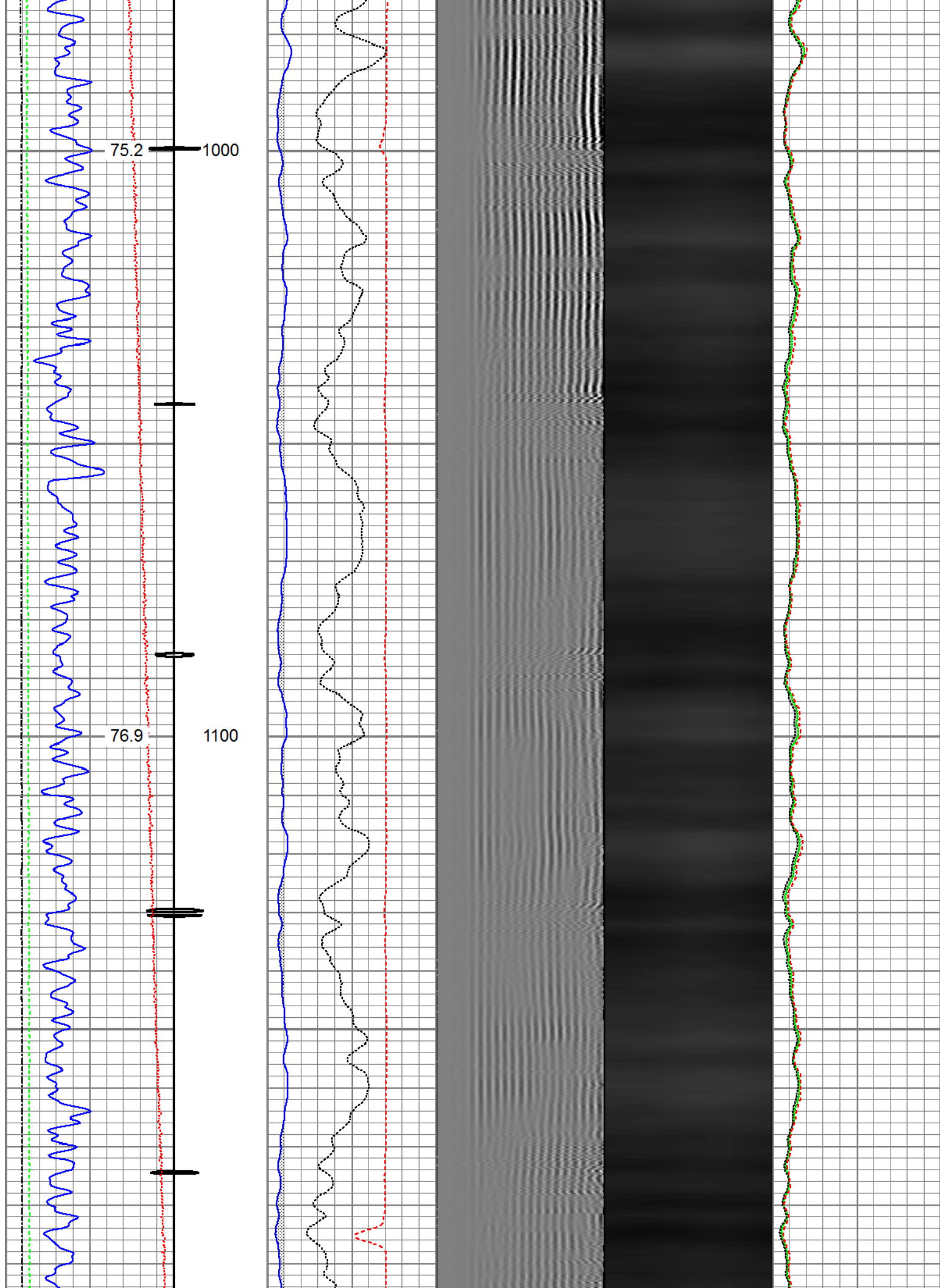


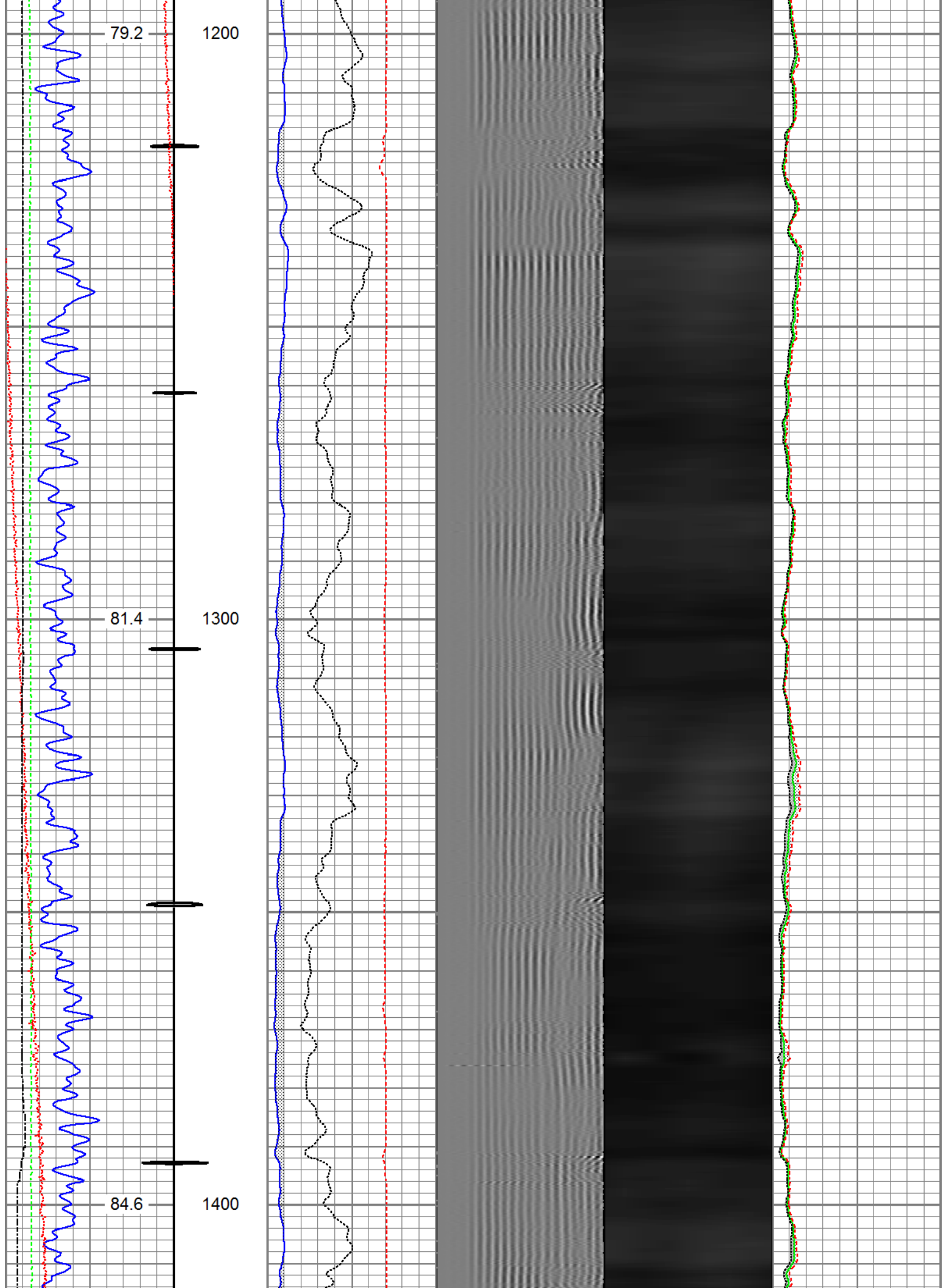


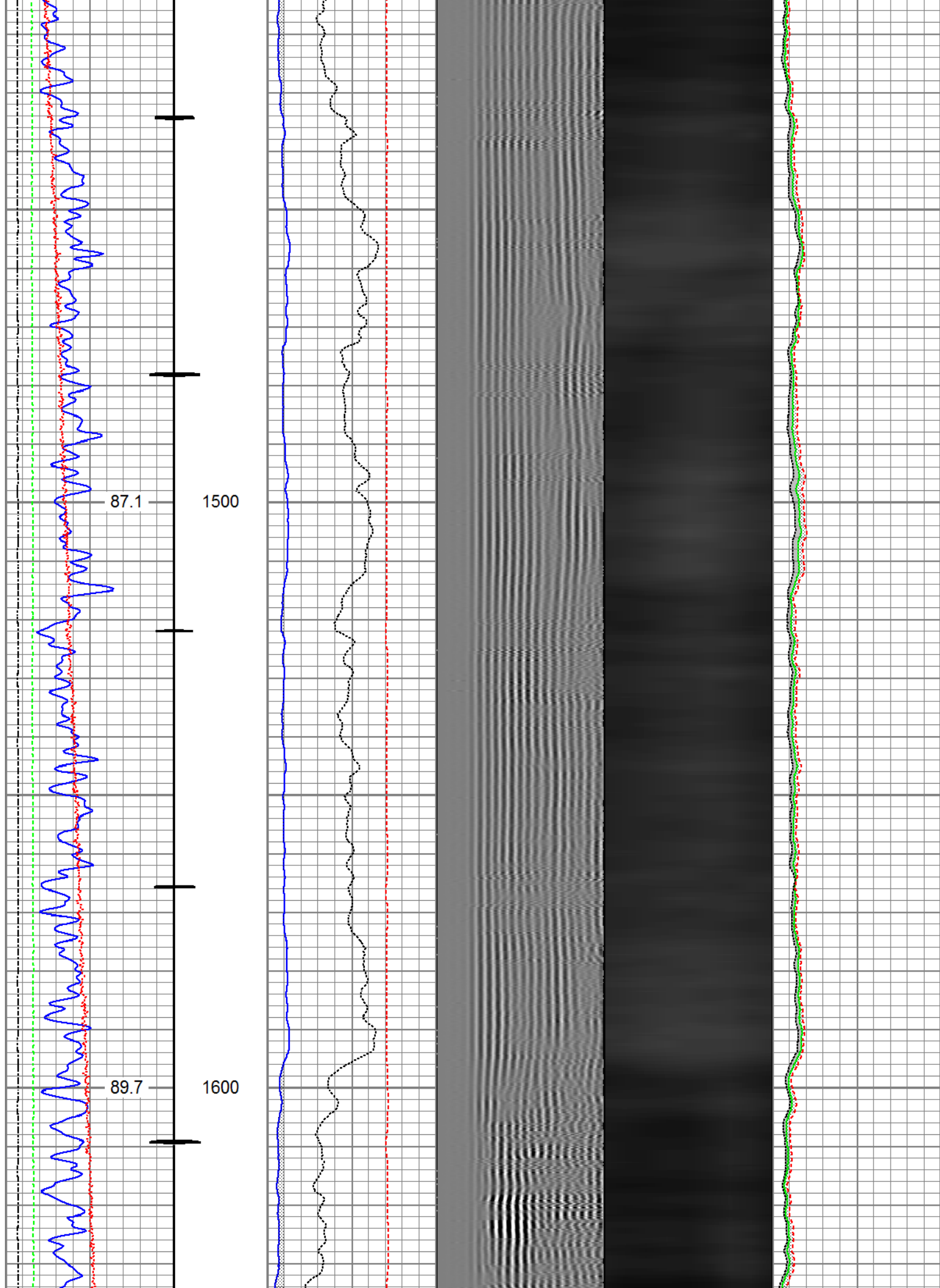


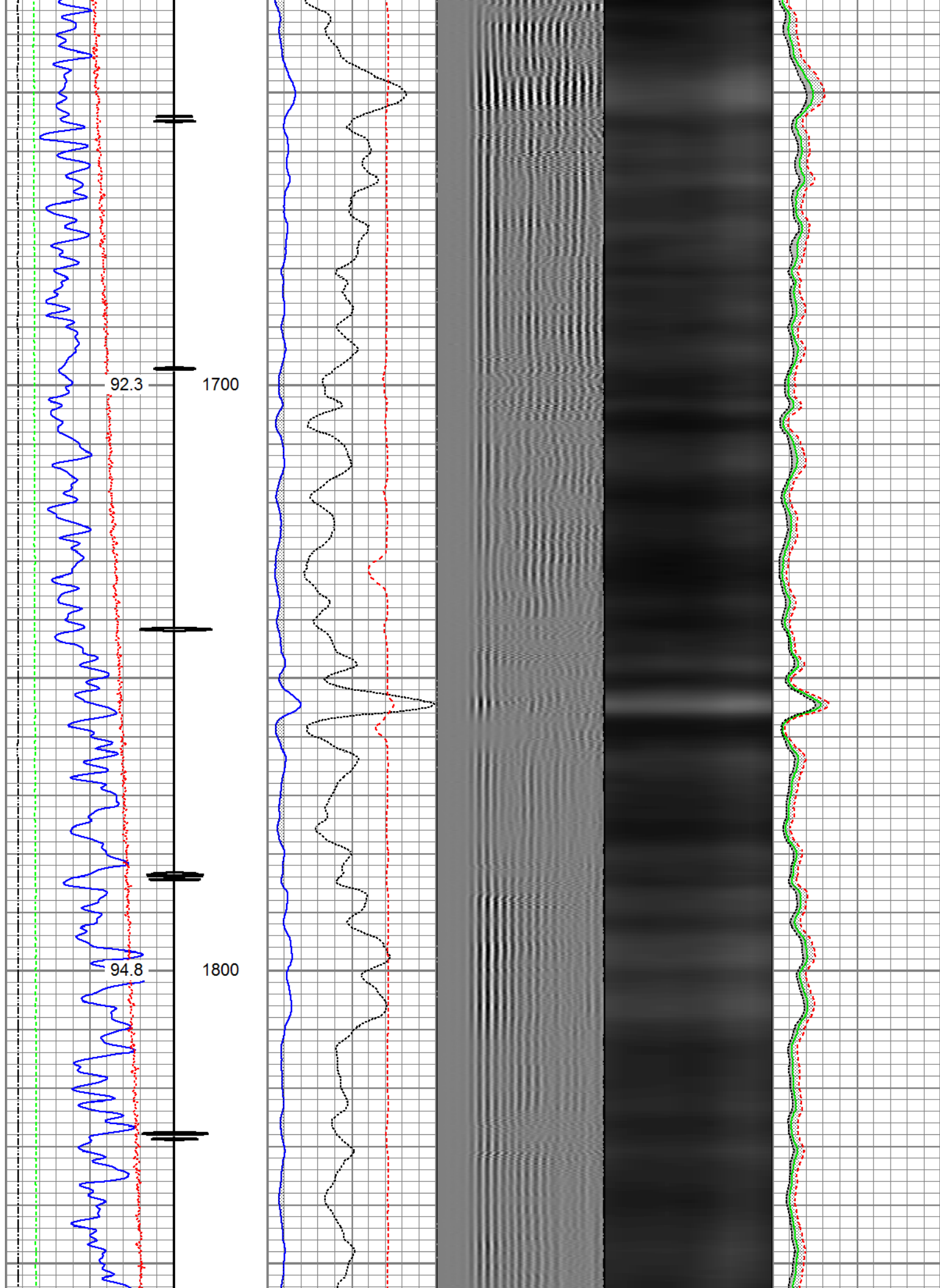


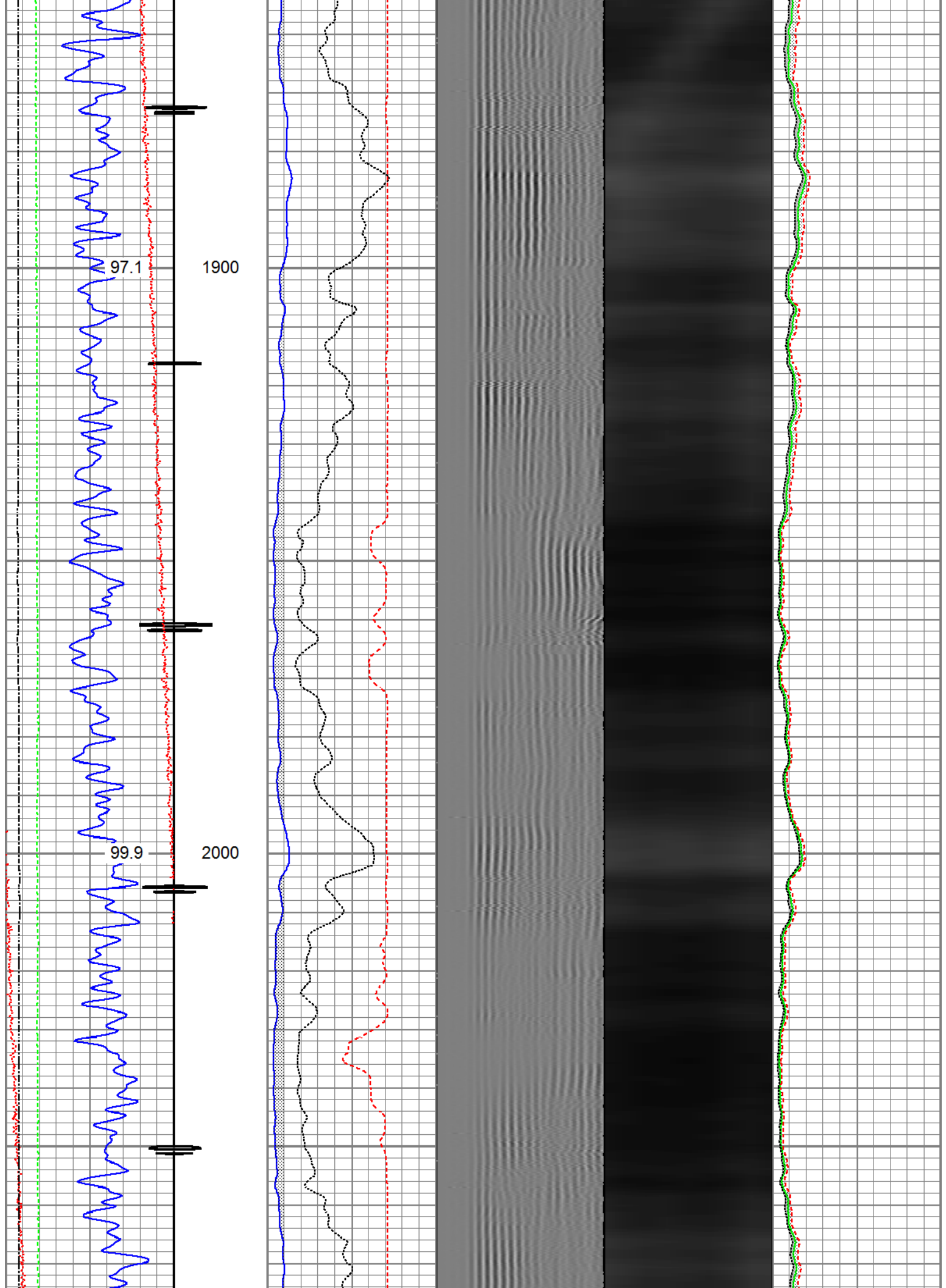


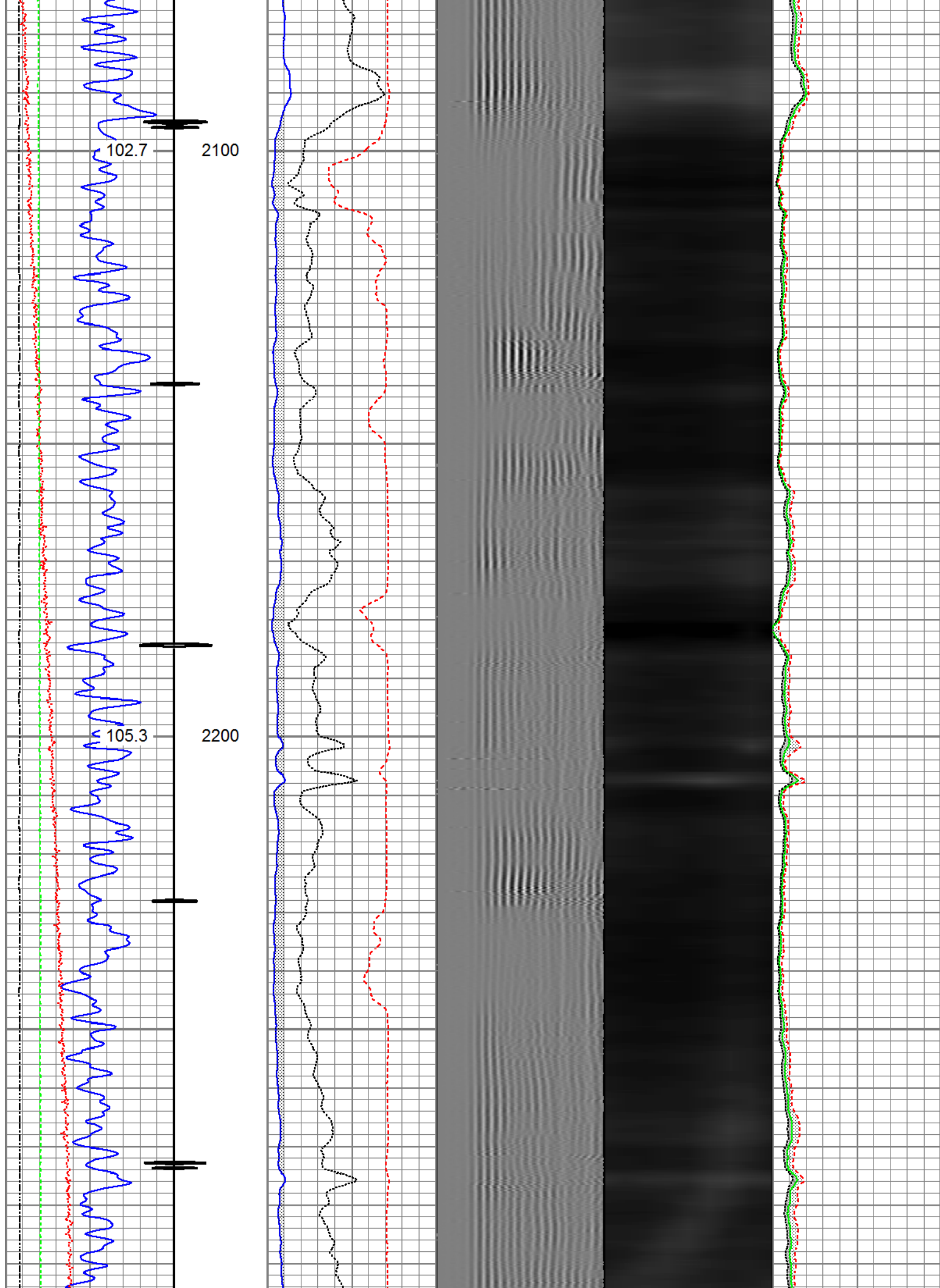


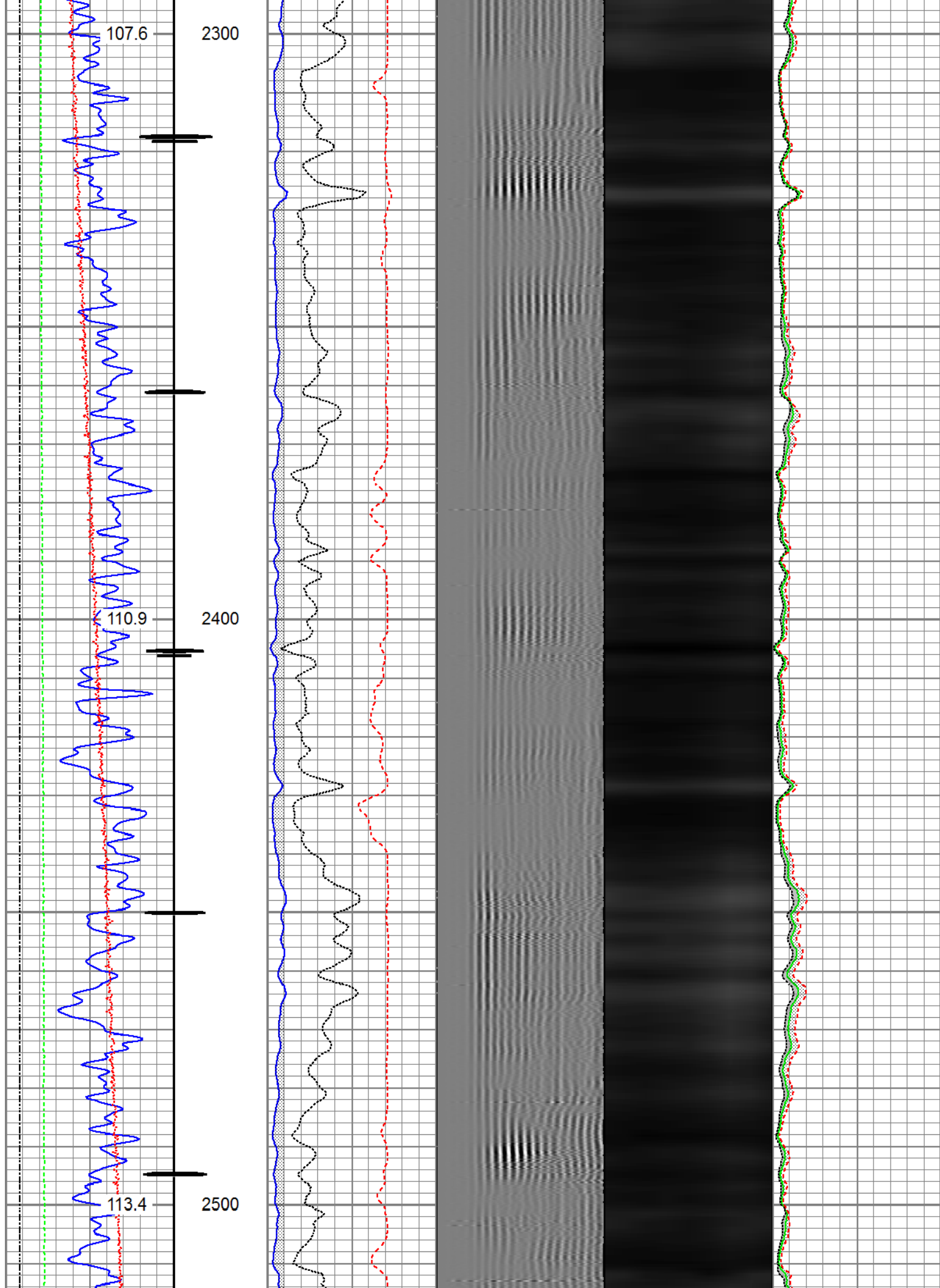


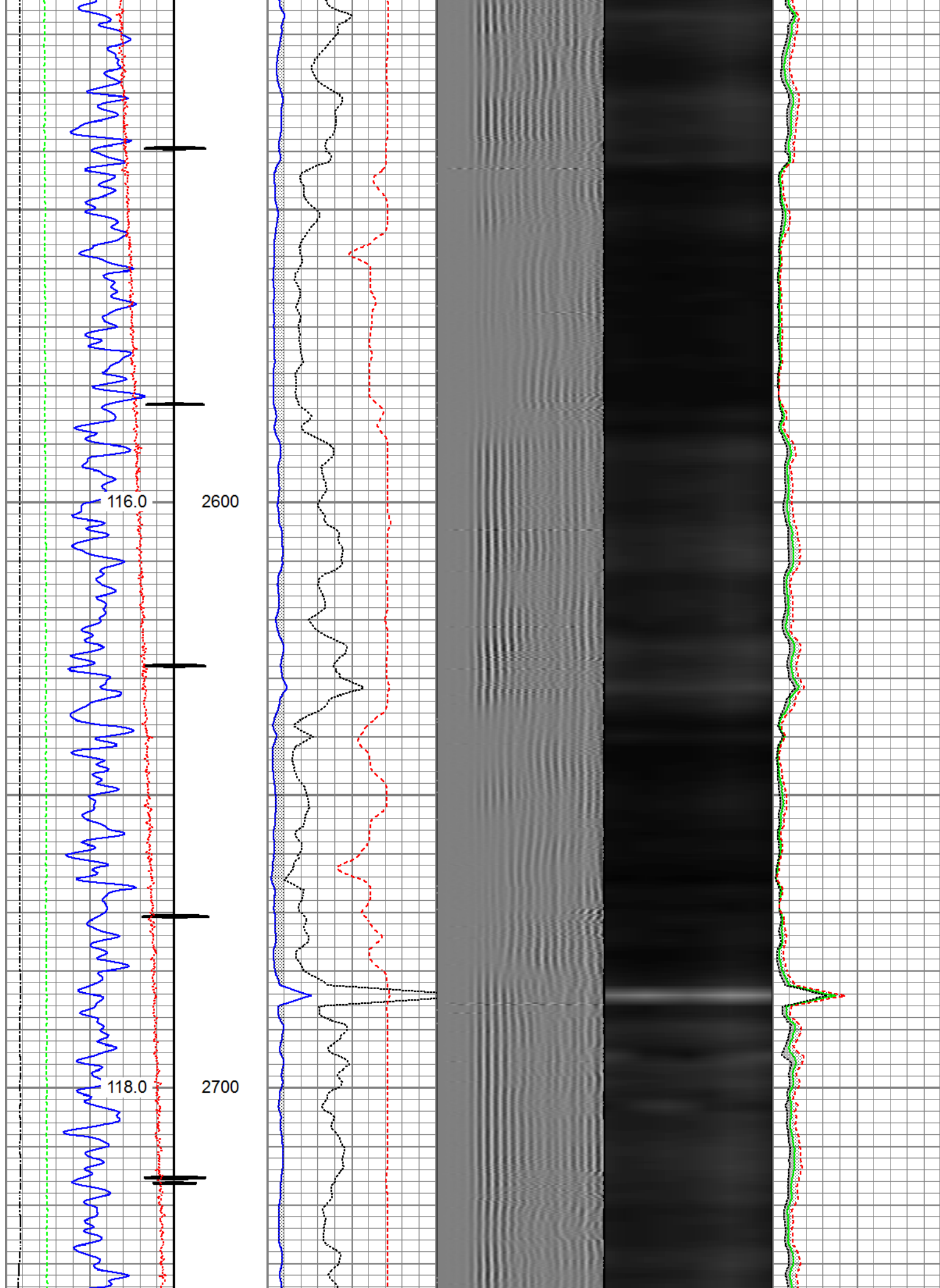


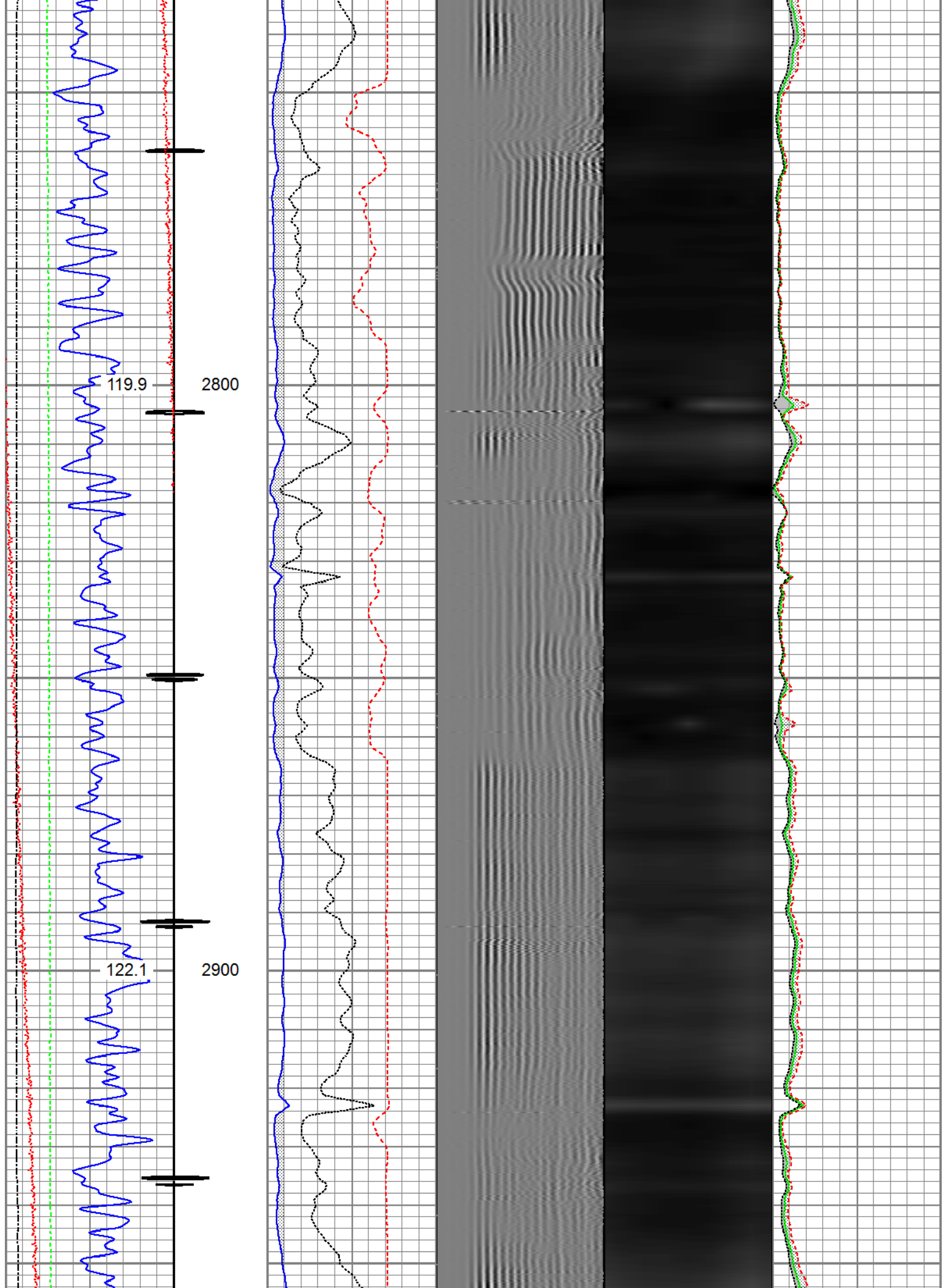


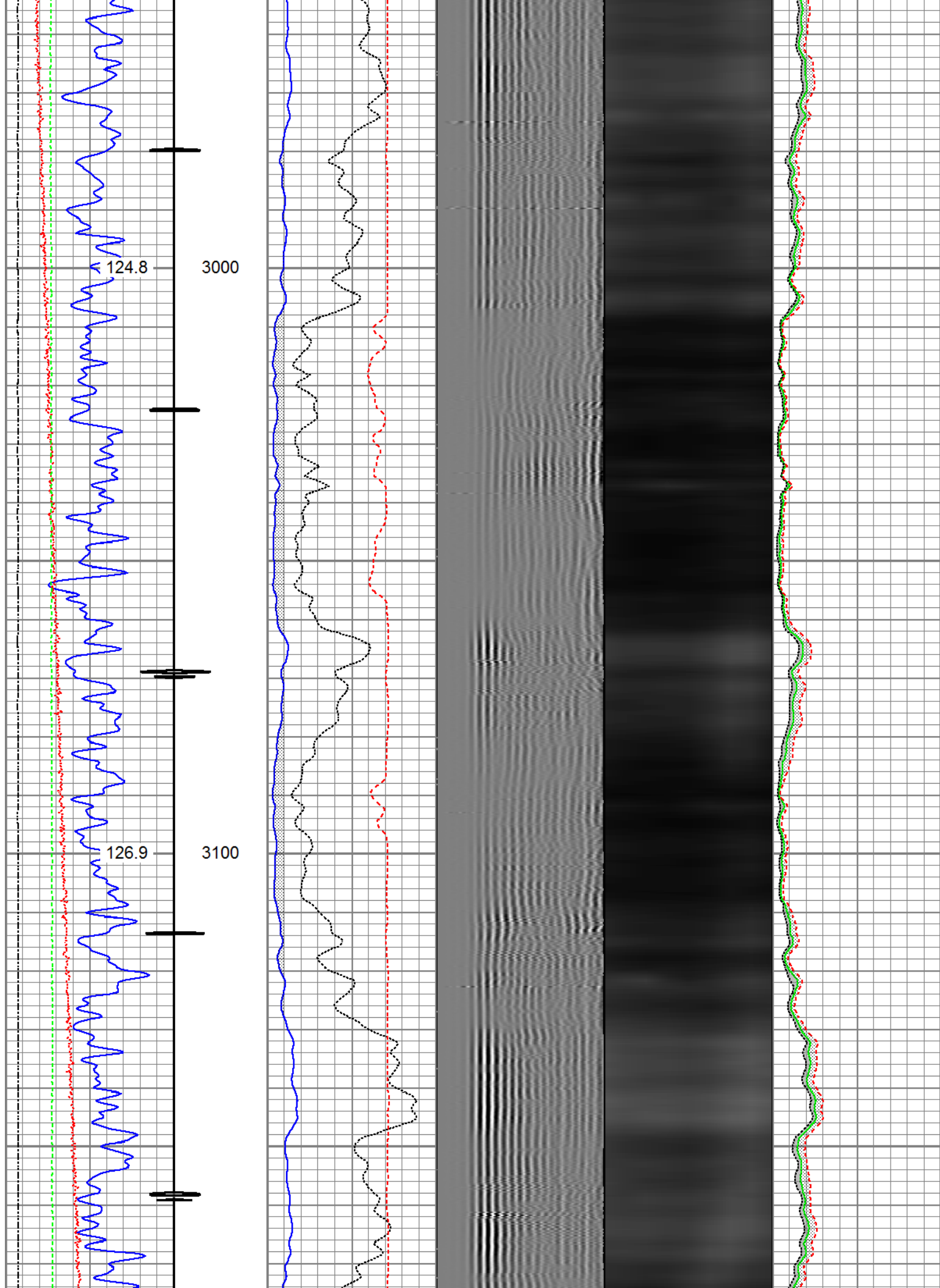


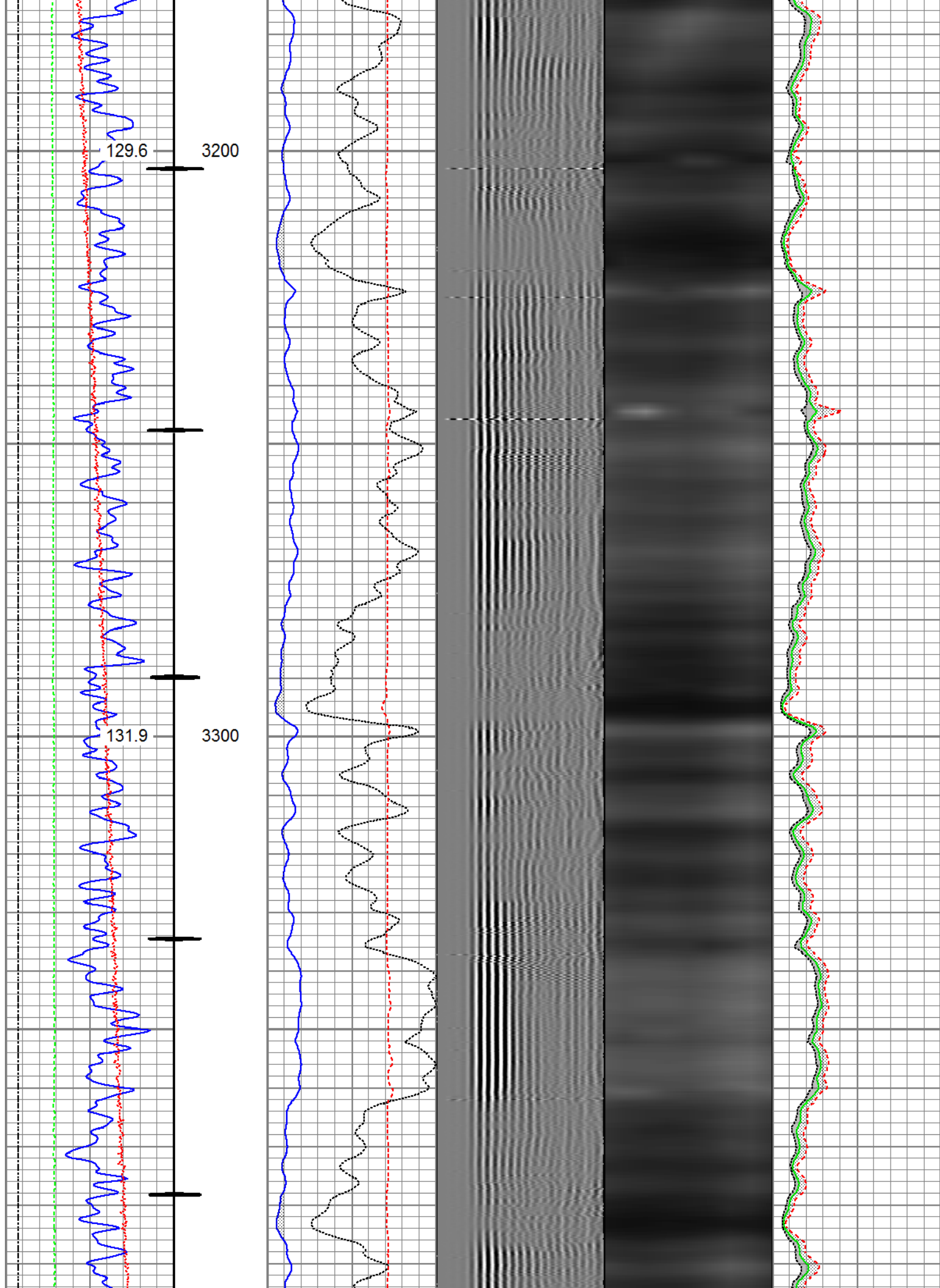


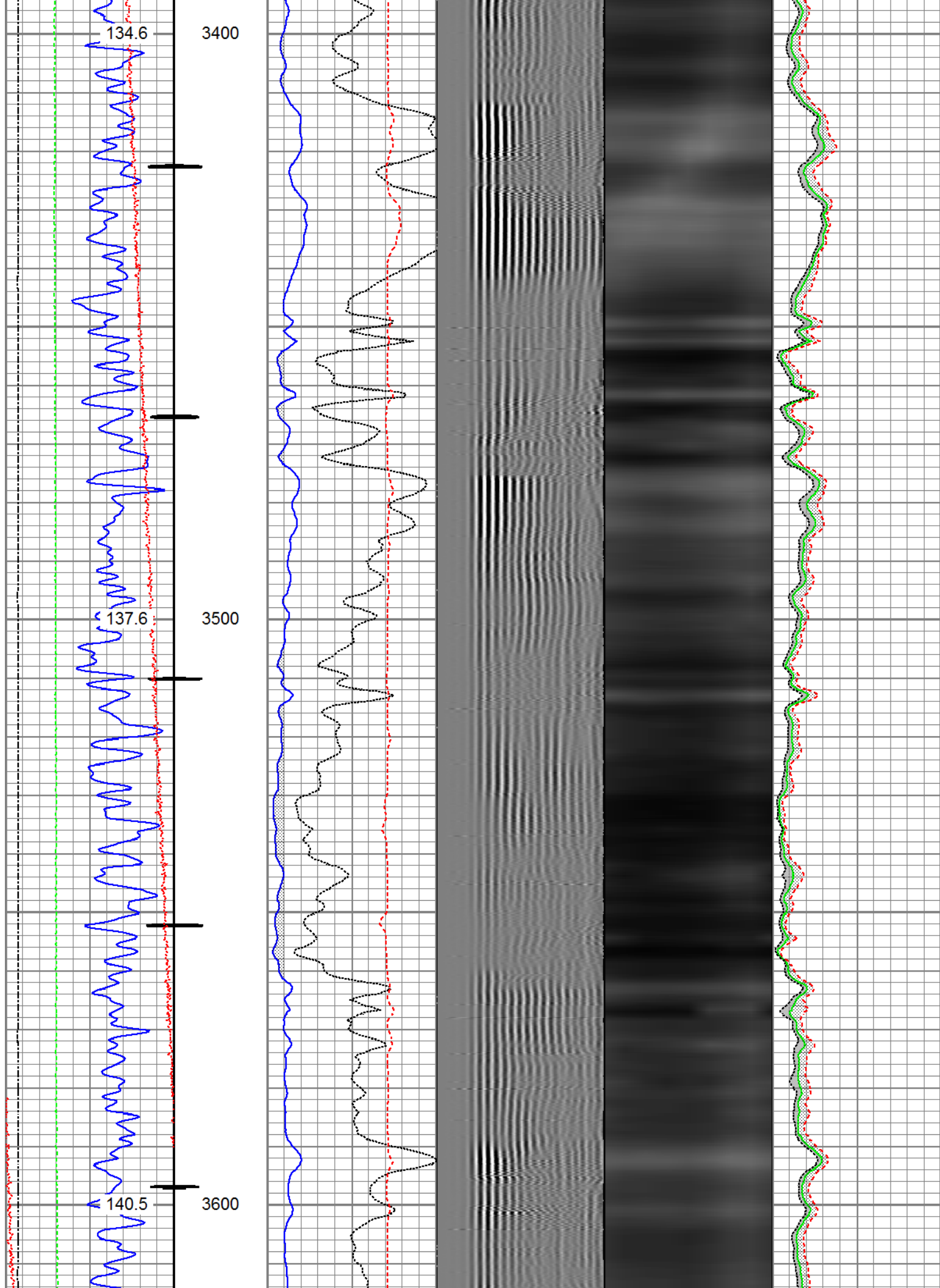


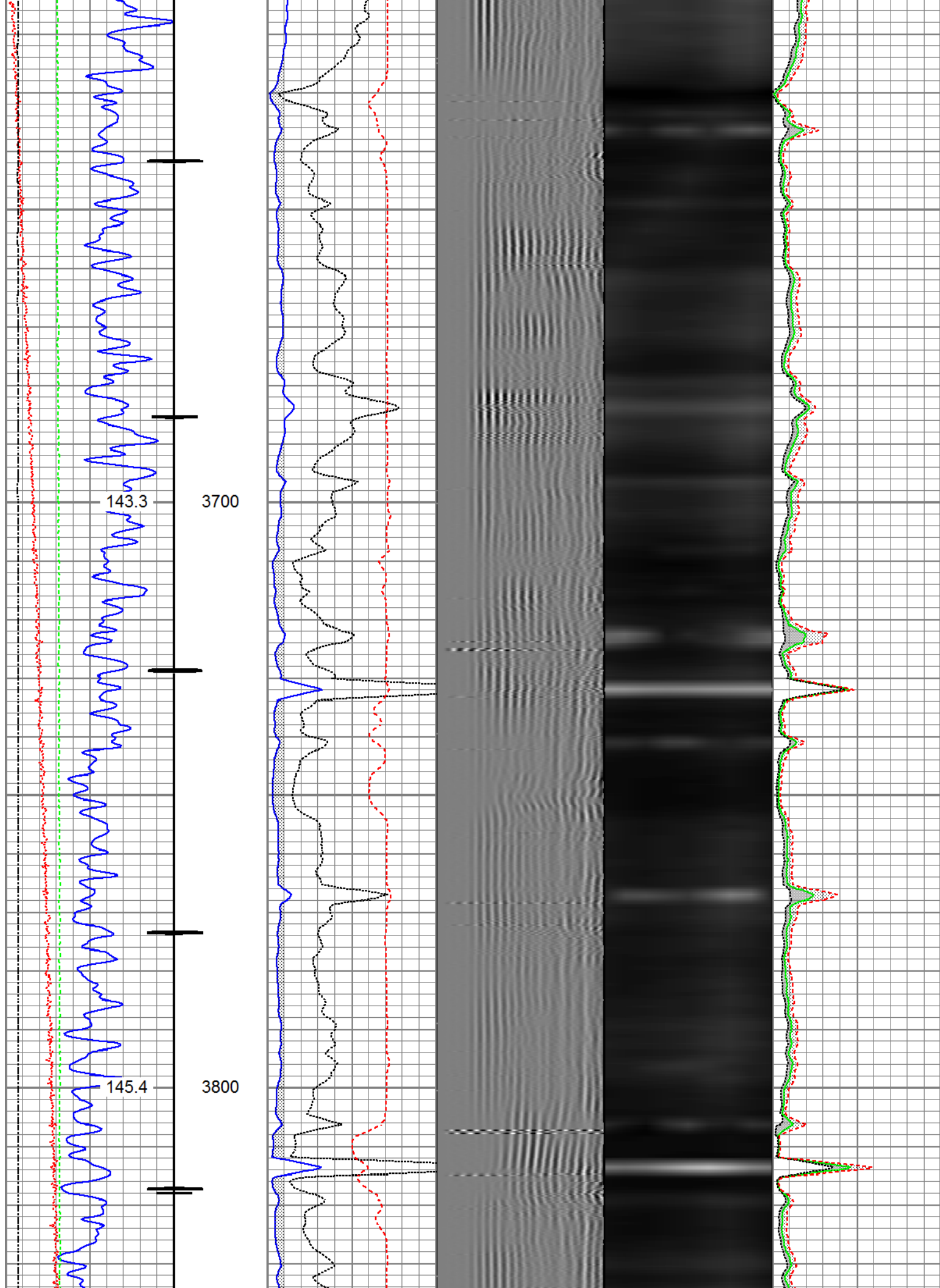


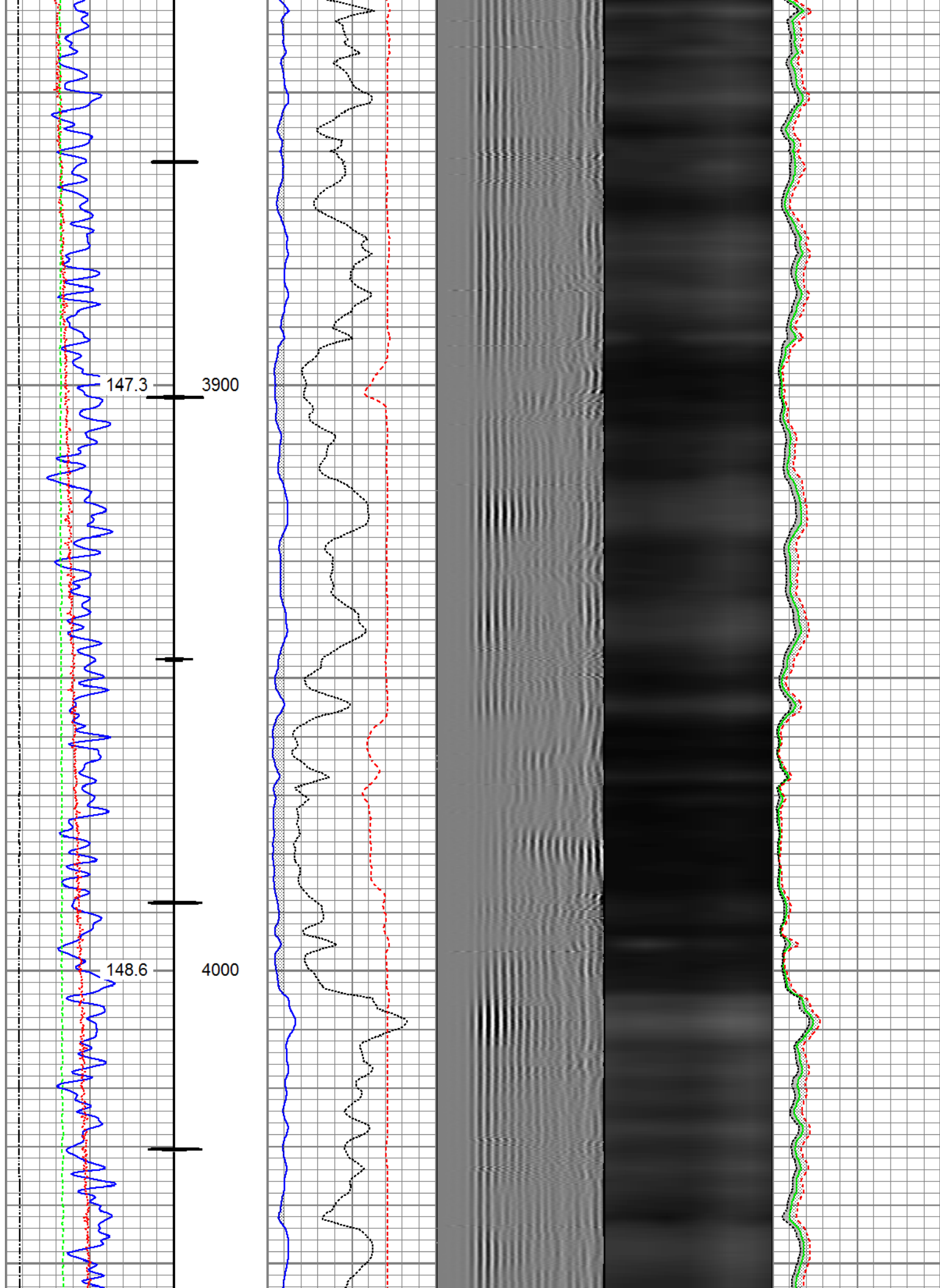


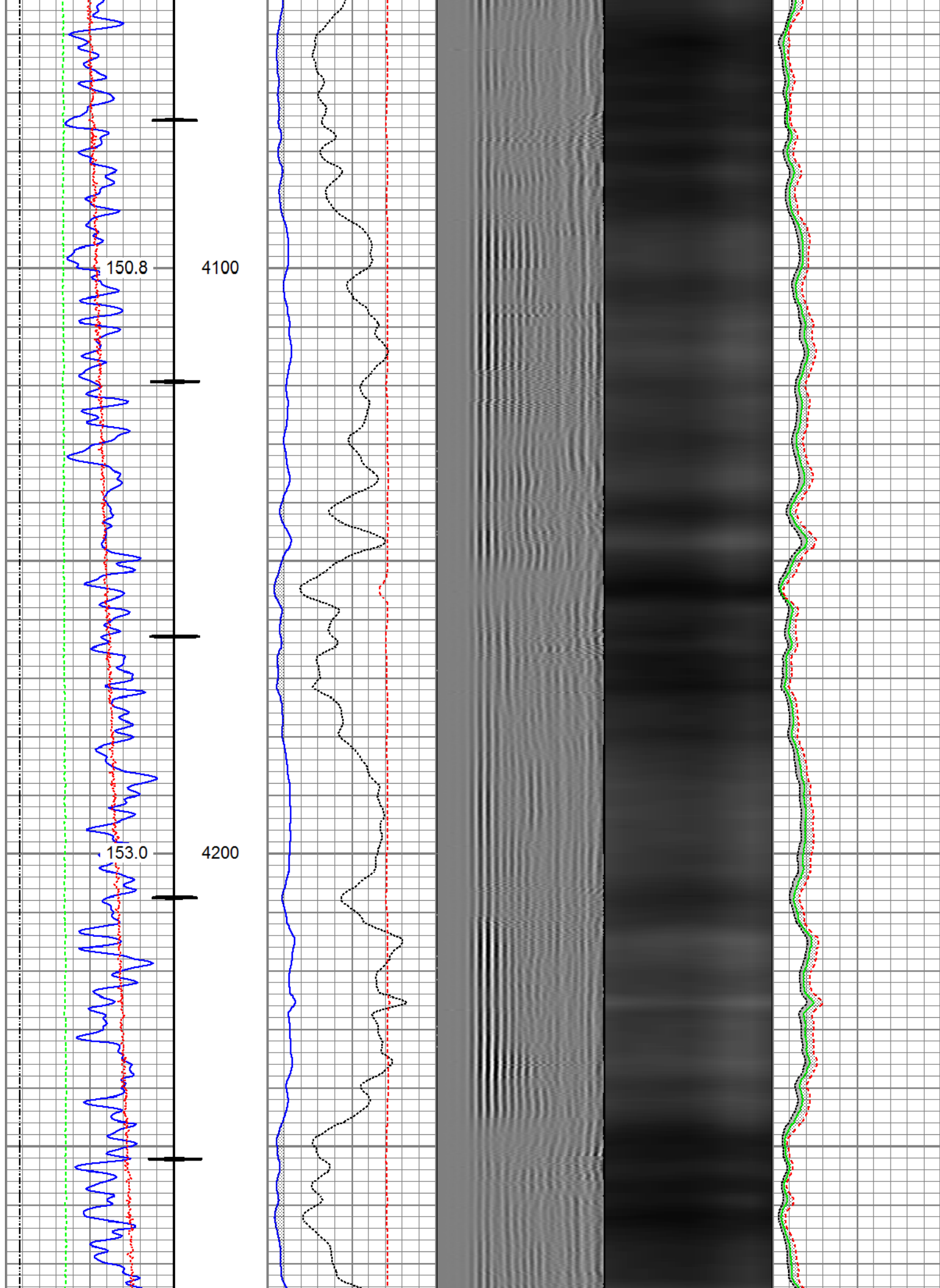


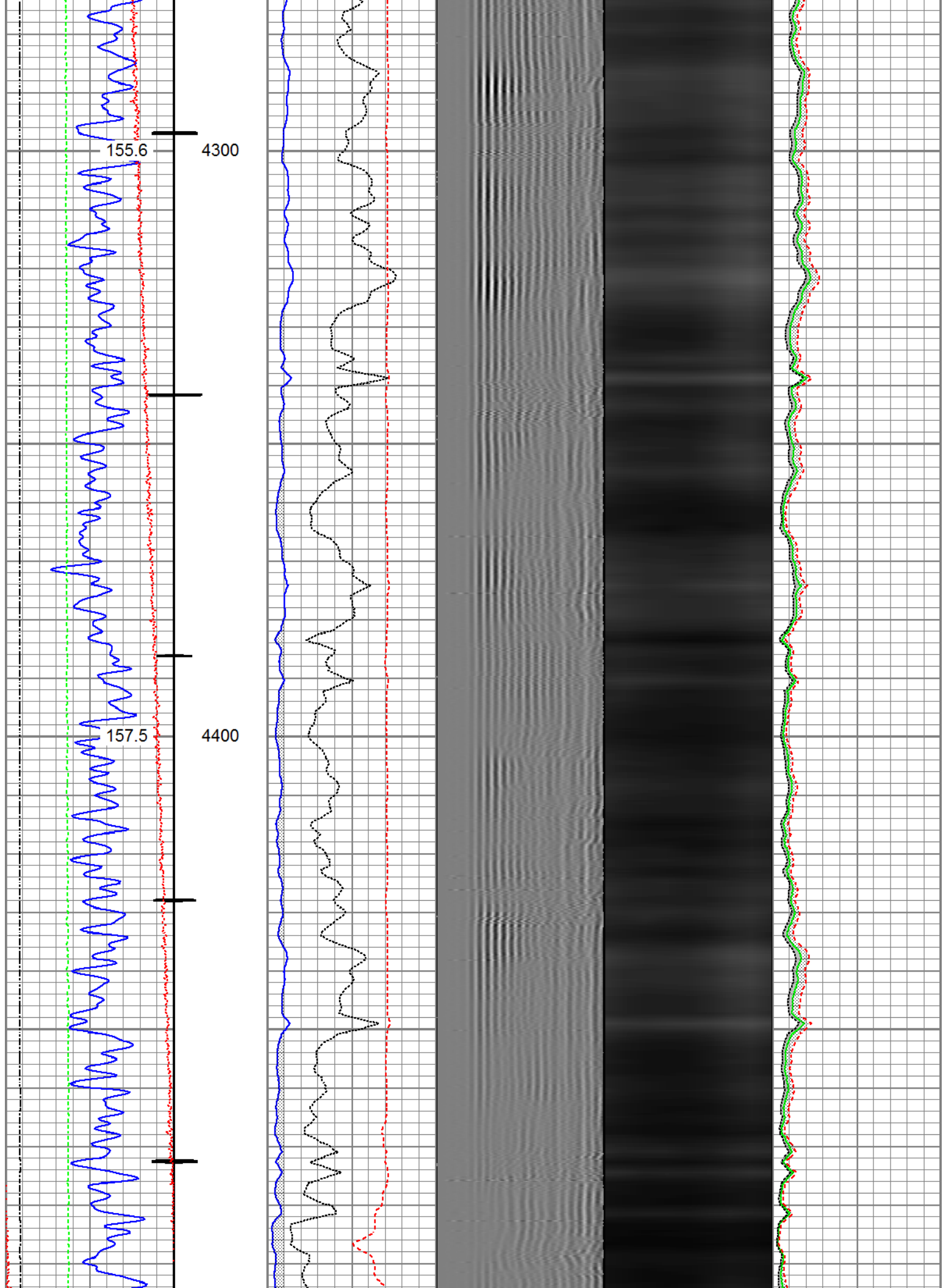


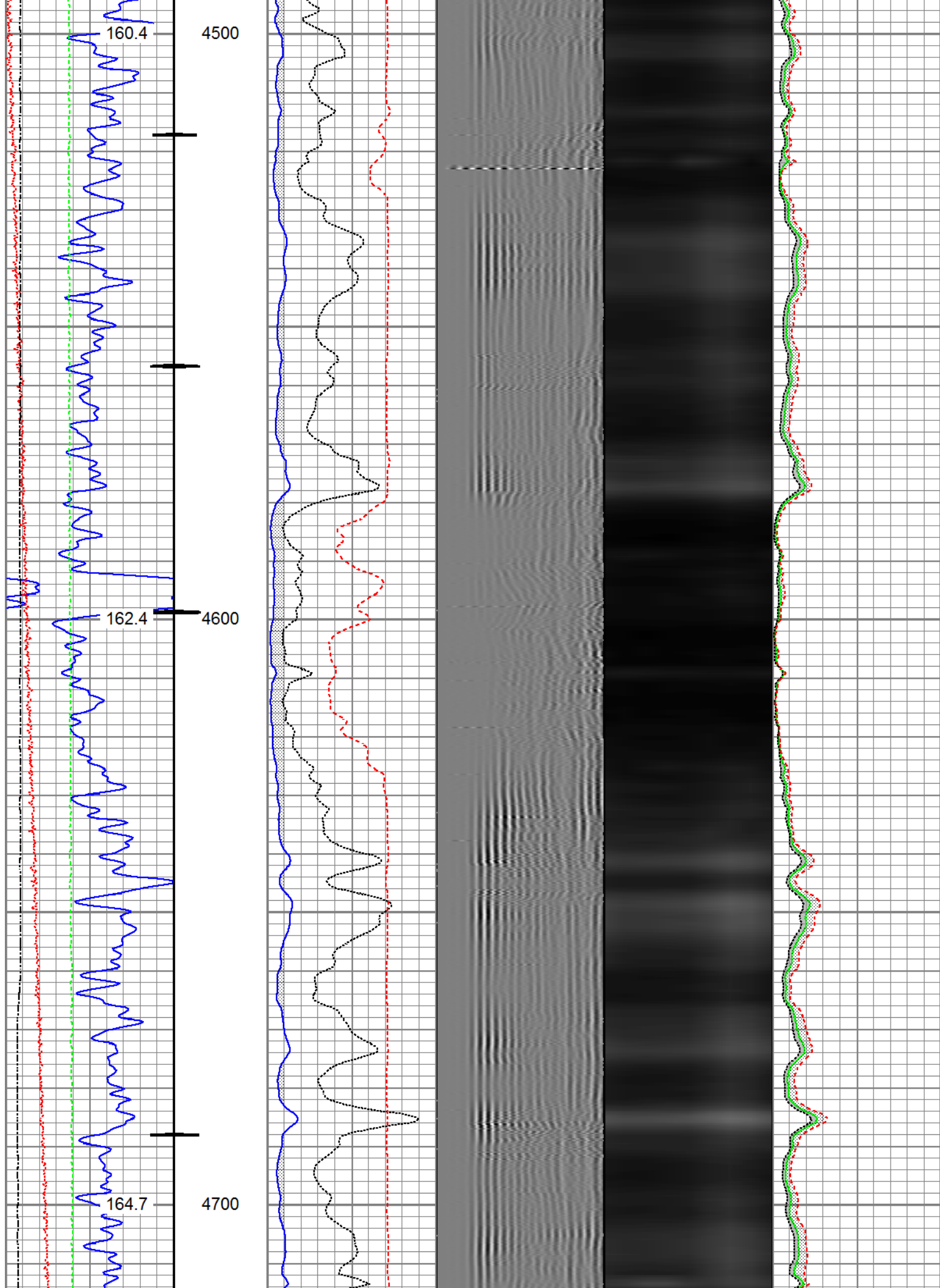


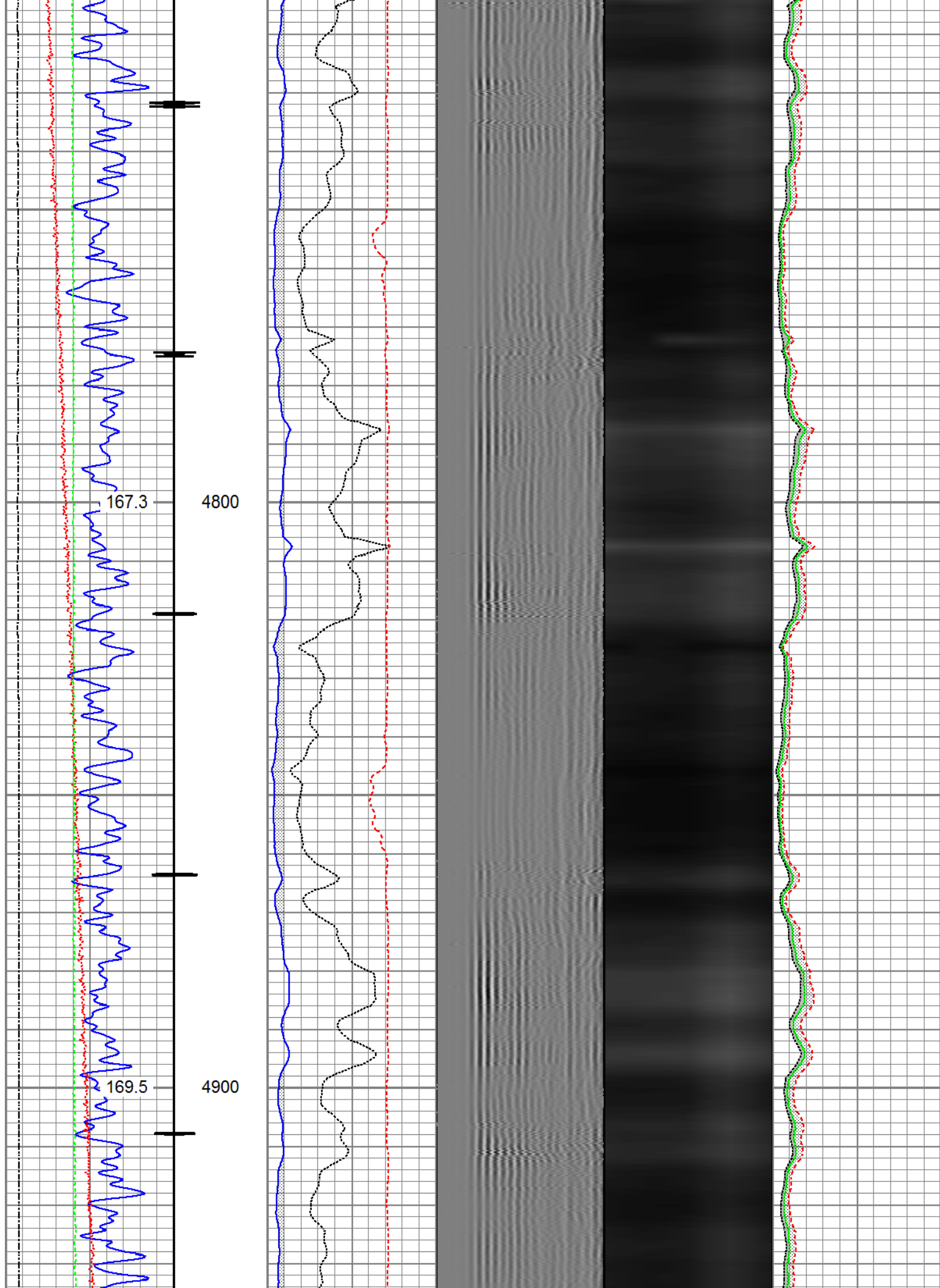


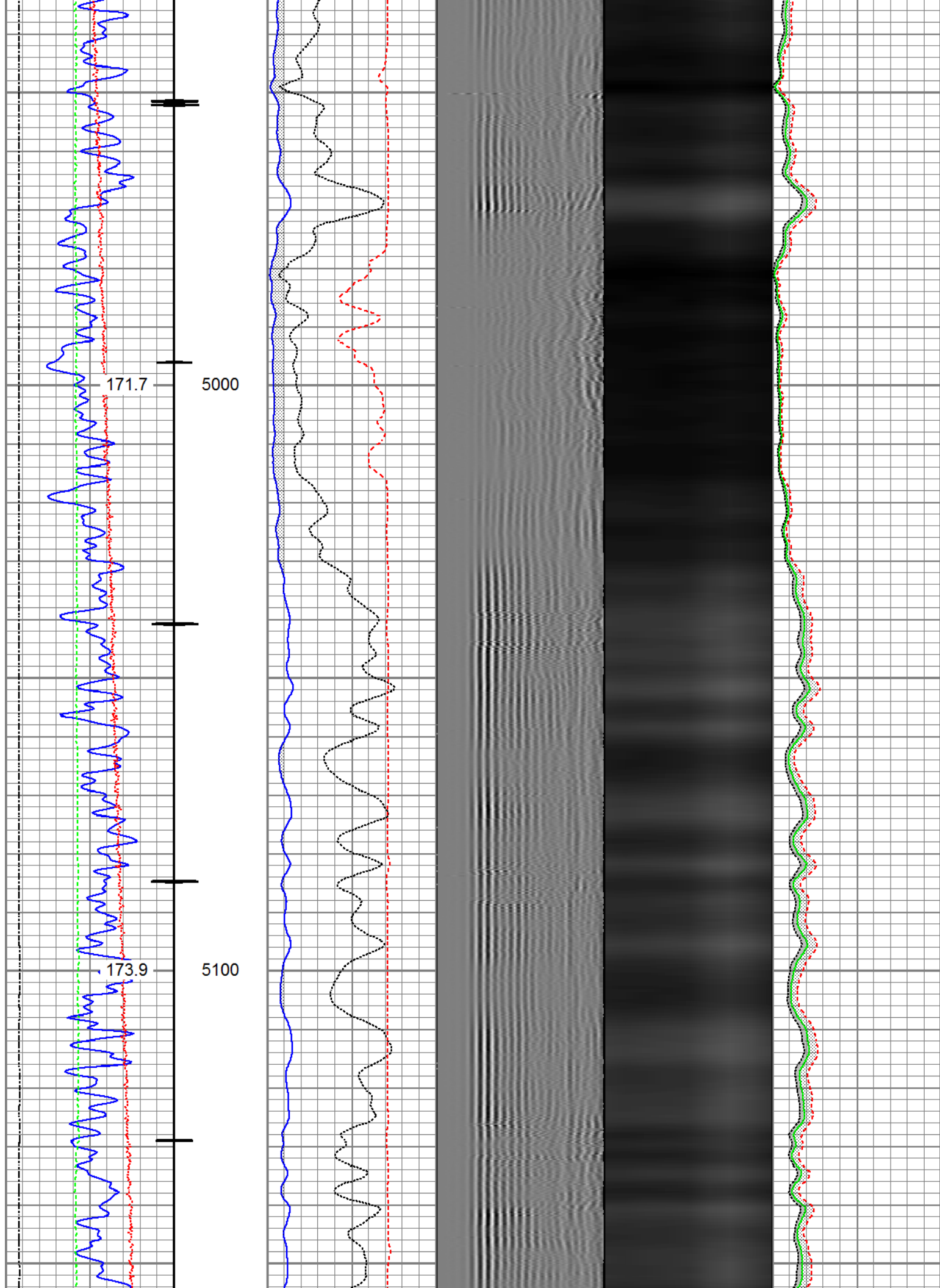


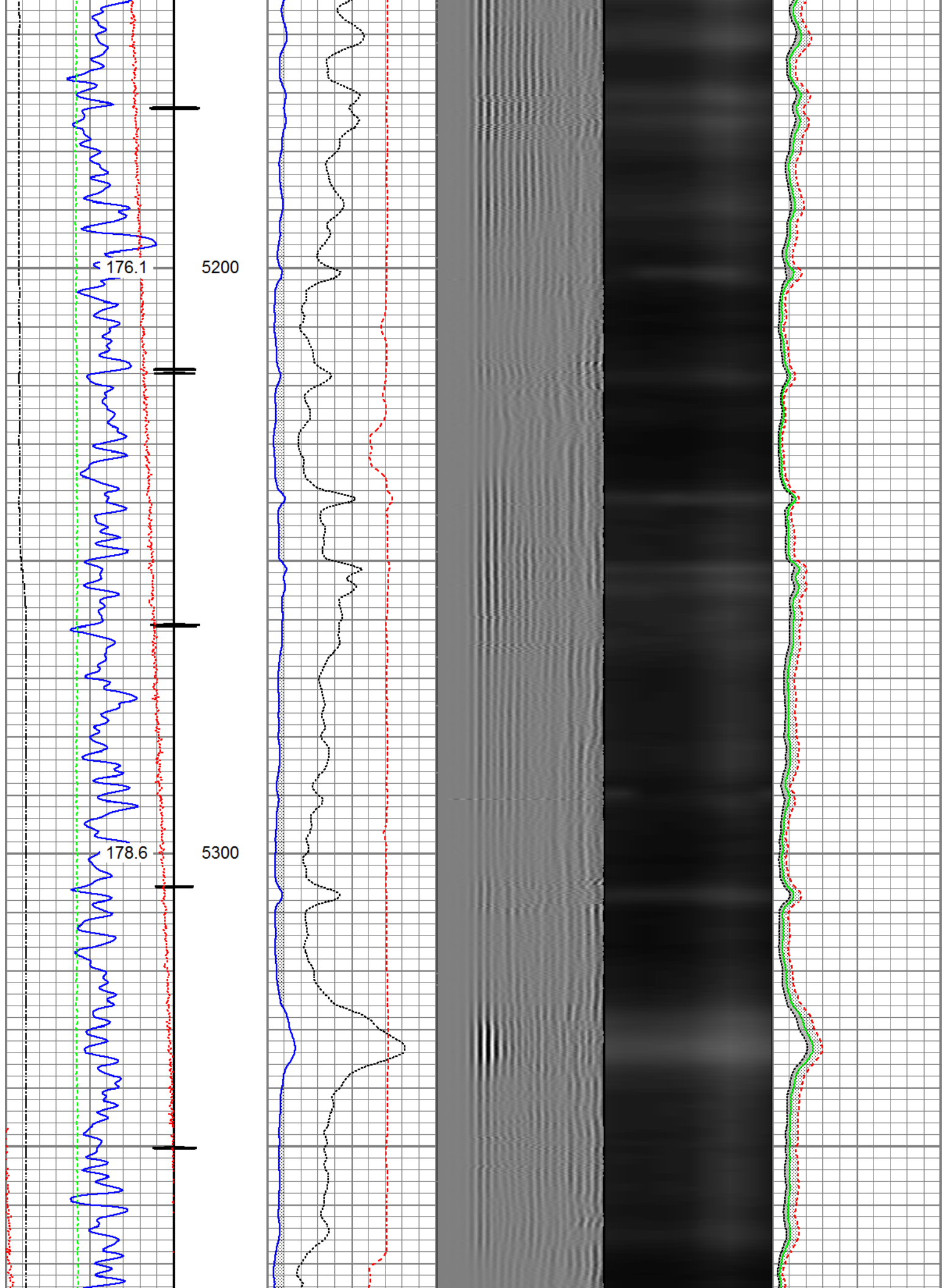


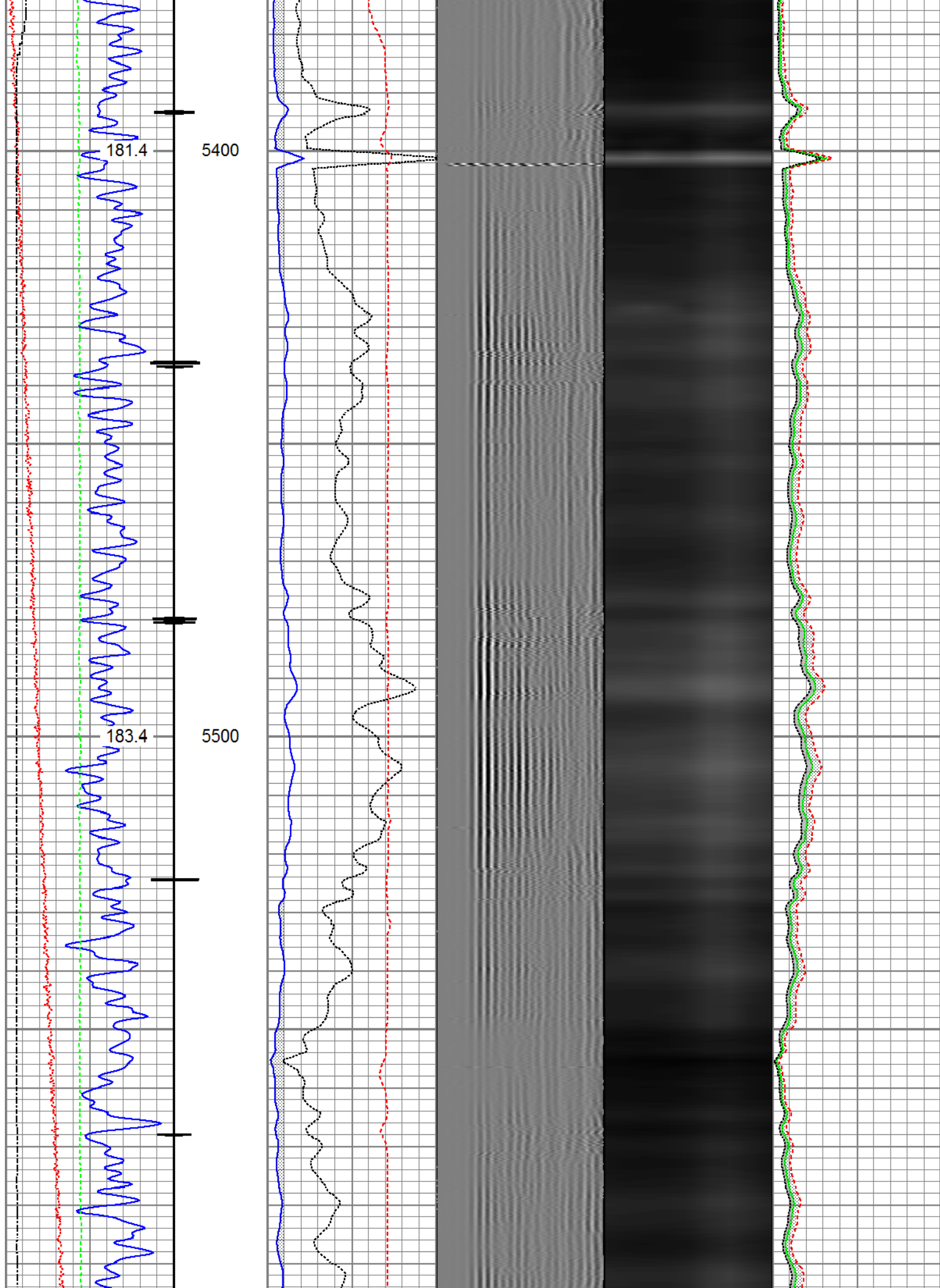


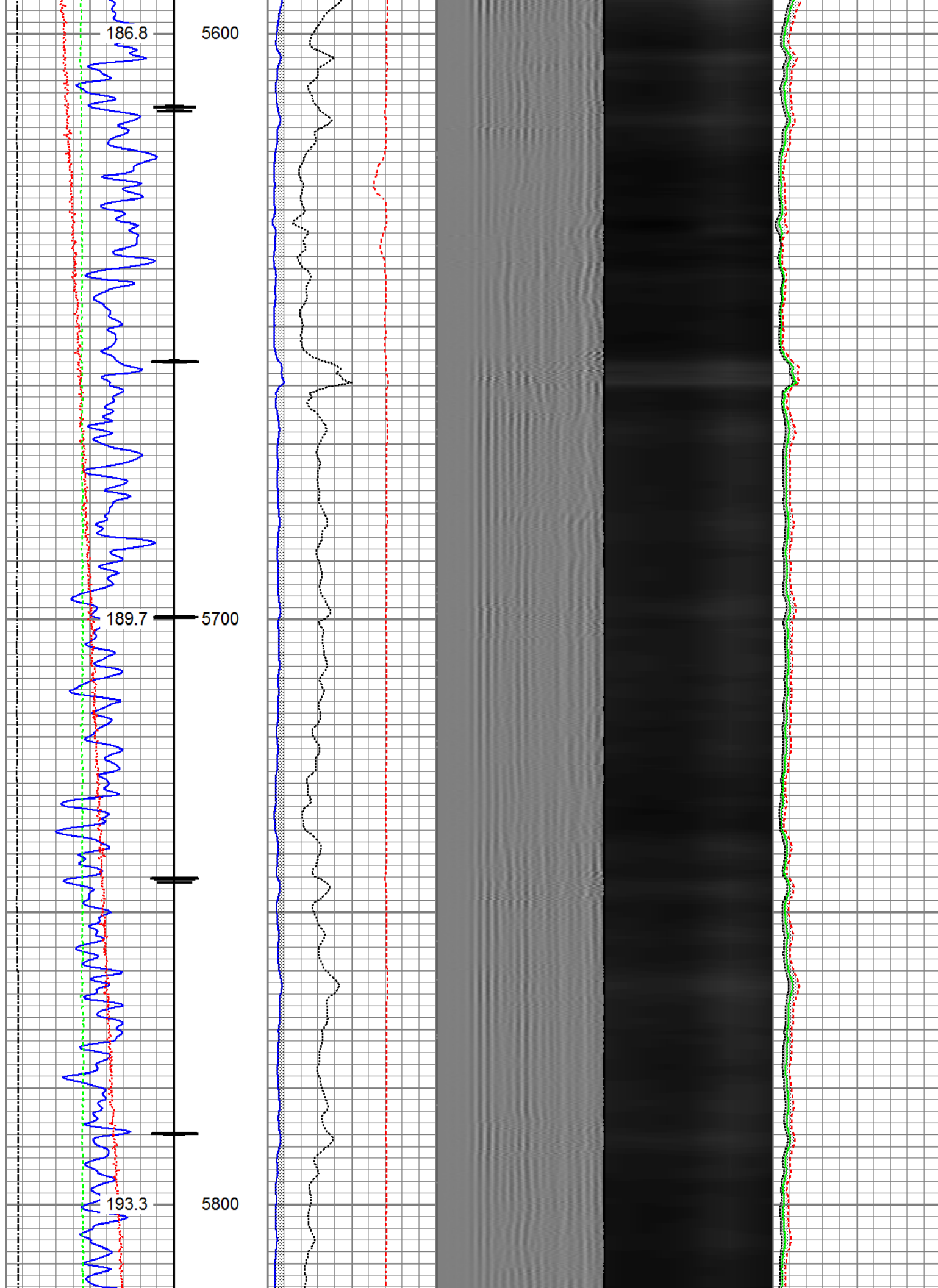


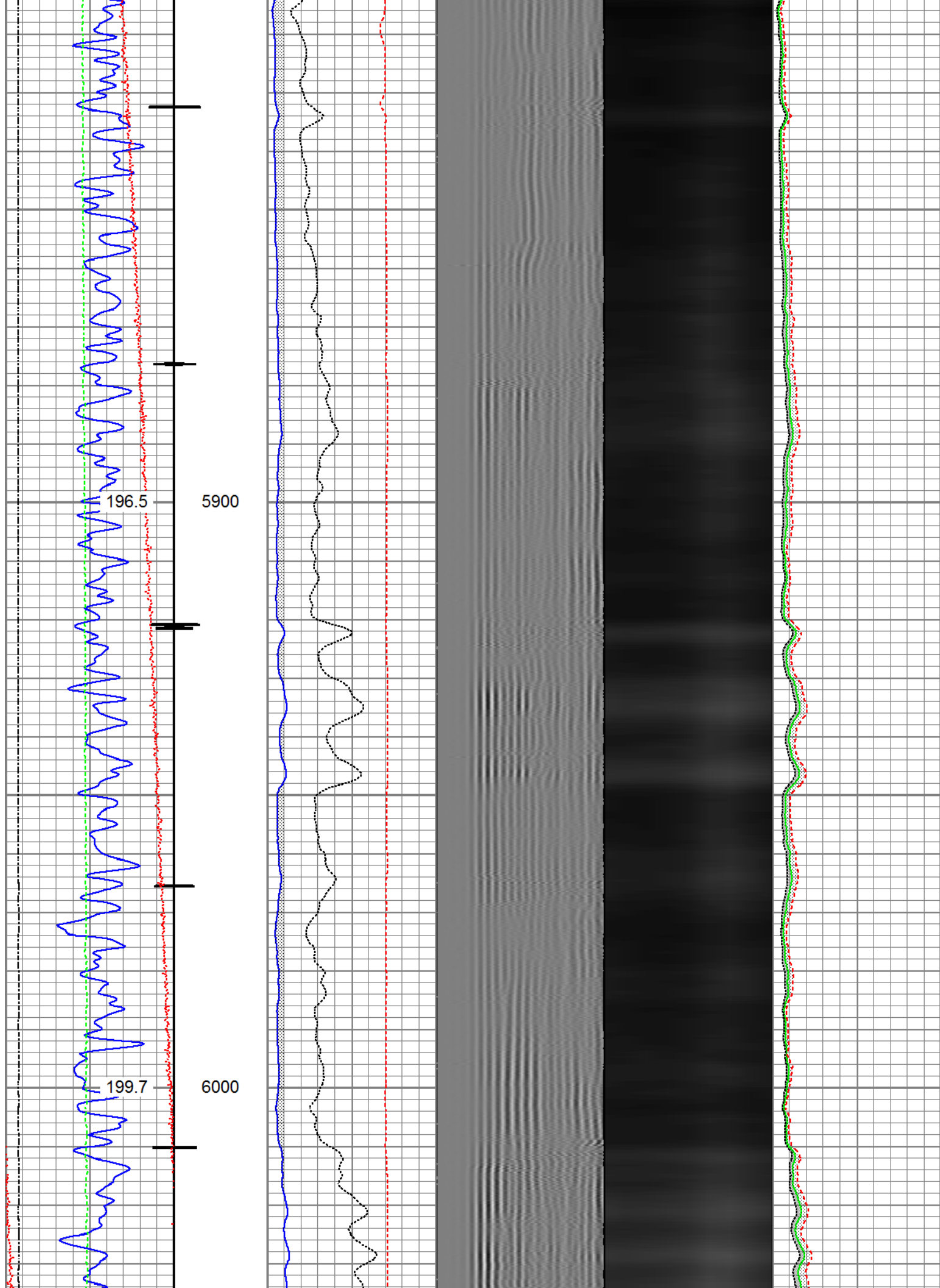


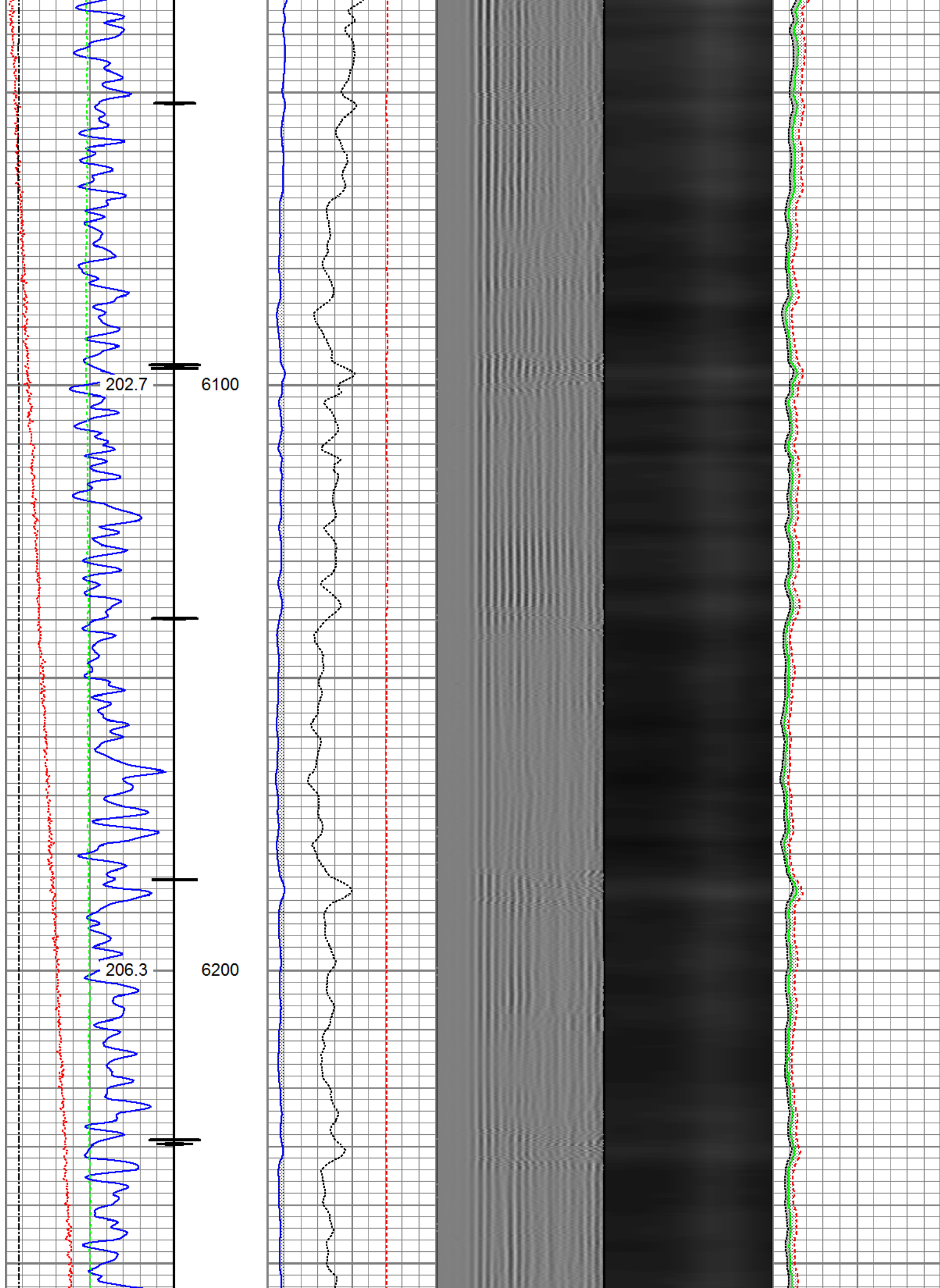


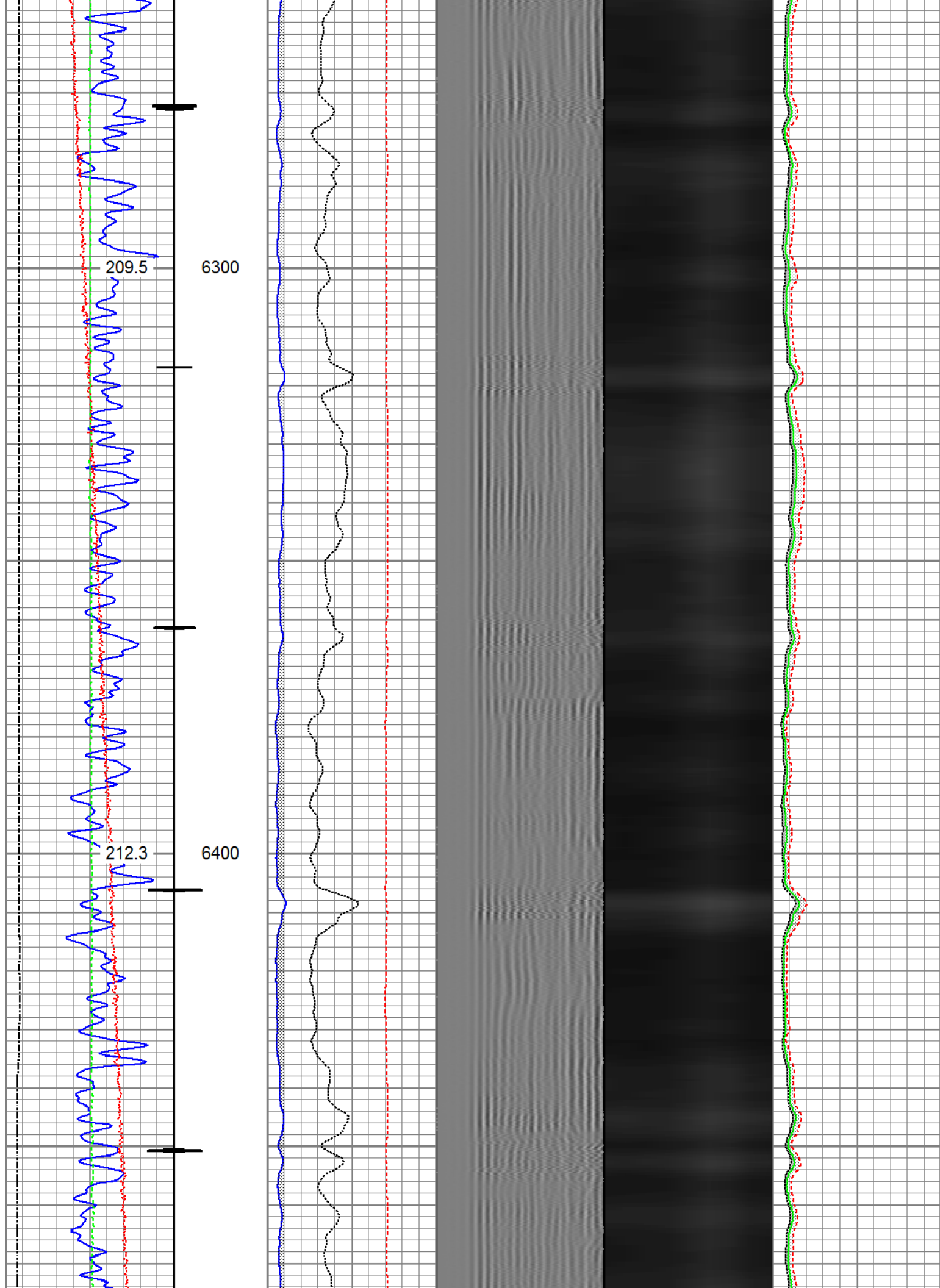


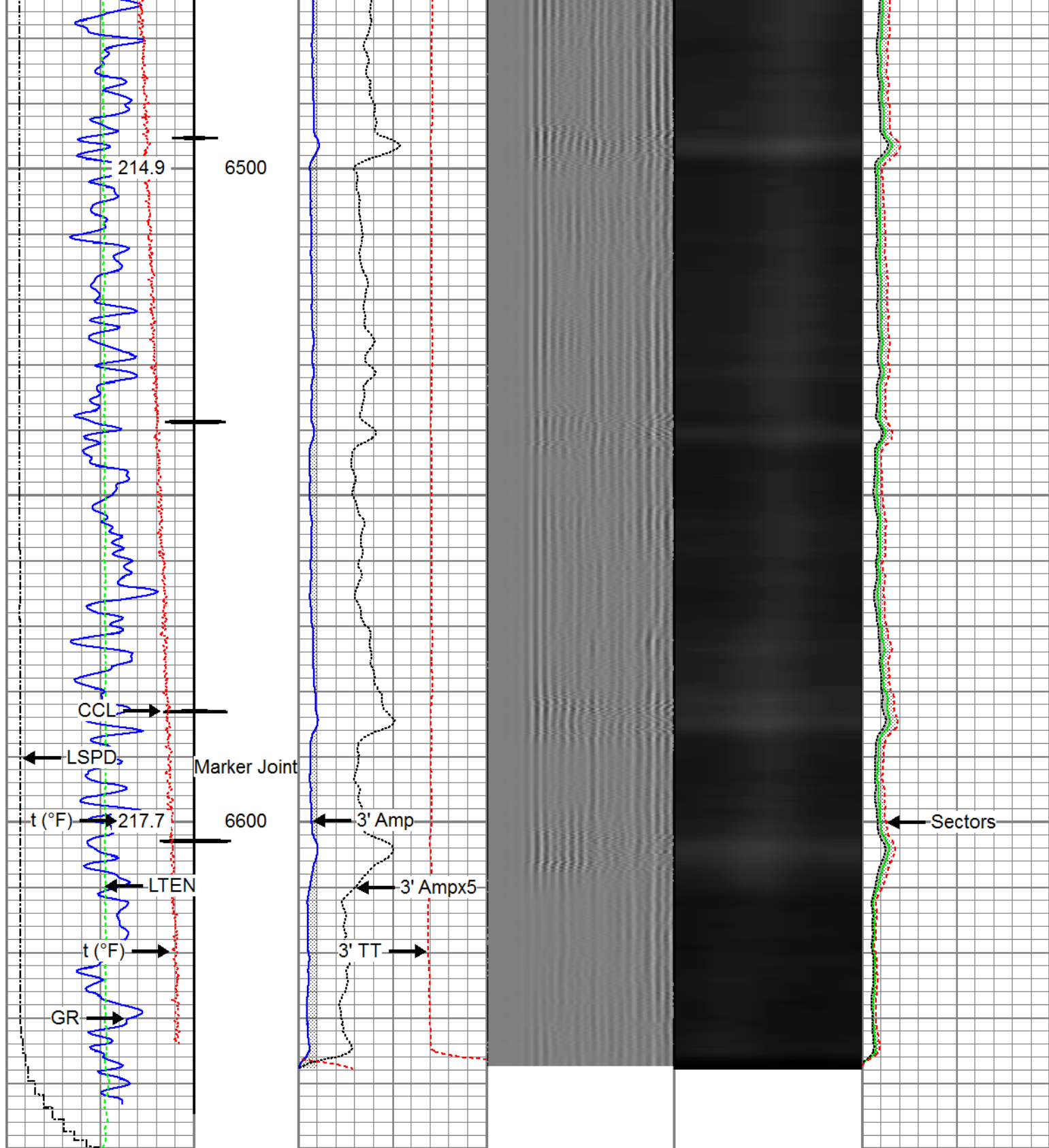













Gamma Ray (GAPI)	3' Amplitude (mV)	5' Variable Density Log	Sector Map	Average Amplitude
0 120	0 100 200 1200			0 100
Casing Collar Locator	3' Amplitude x 5 (mV)			Minimum Amplitude
	0 20			0 100
Temperature (degF)	3' Travel Time (uSec)			Maximum Amplitude
0 20	650 150			0 100
Line Speed (ft/min)				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



Repeat Pass

Recorded with 2500 PSI Surface Induced Pressure

Database File

Dataset Pathname

Presentation Format

Dataset Creation

Charted by

synergy_beebe_14c-26-m_rbl_18_aug_2017\processed_src energy_beebe 14c-26-m_rbl_08-18-17.

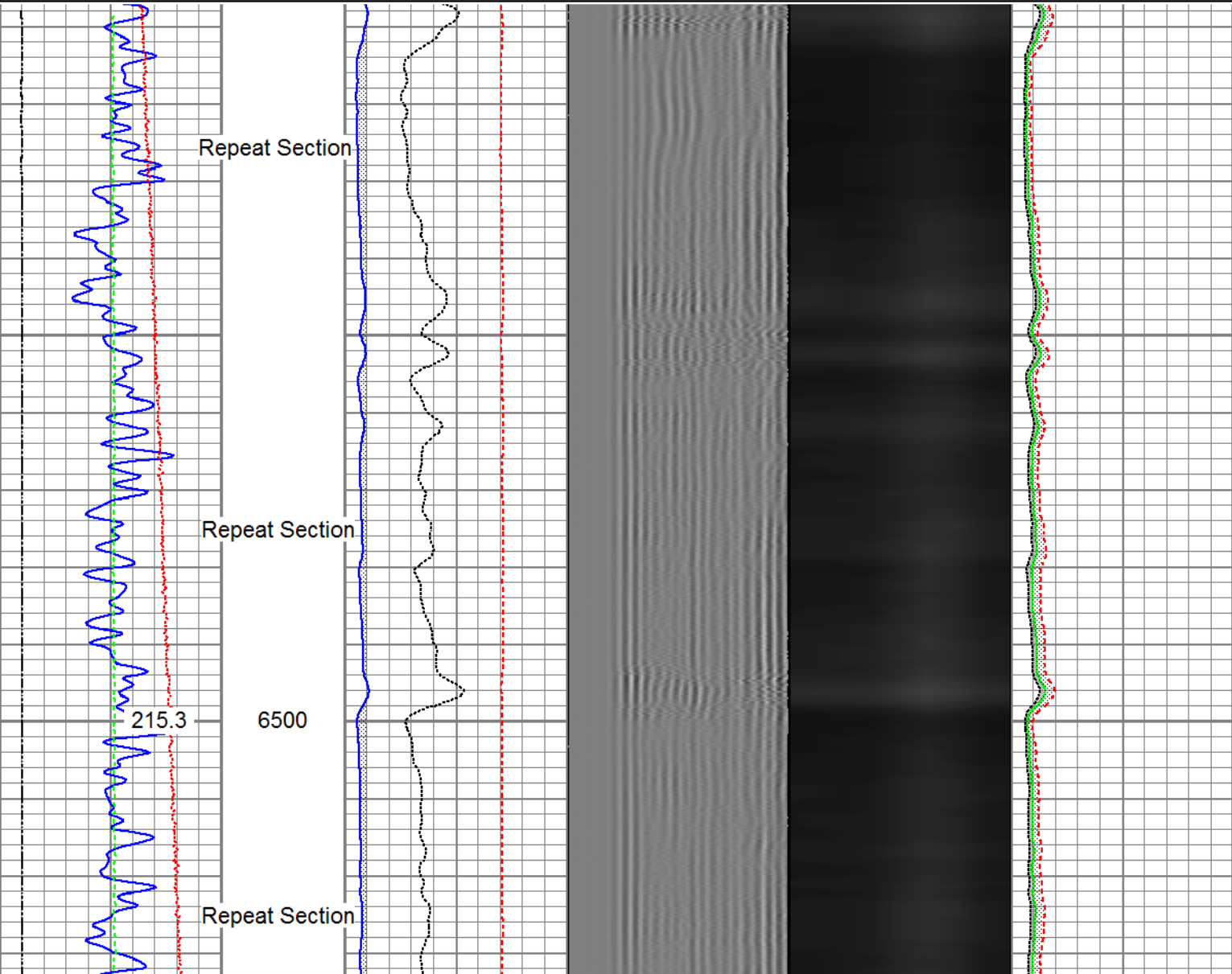
pass14

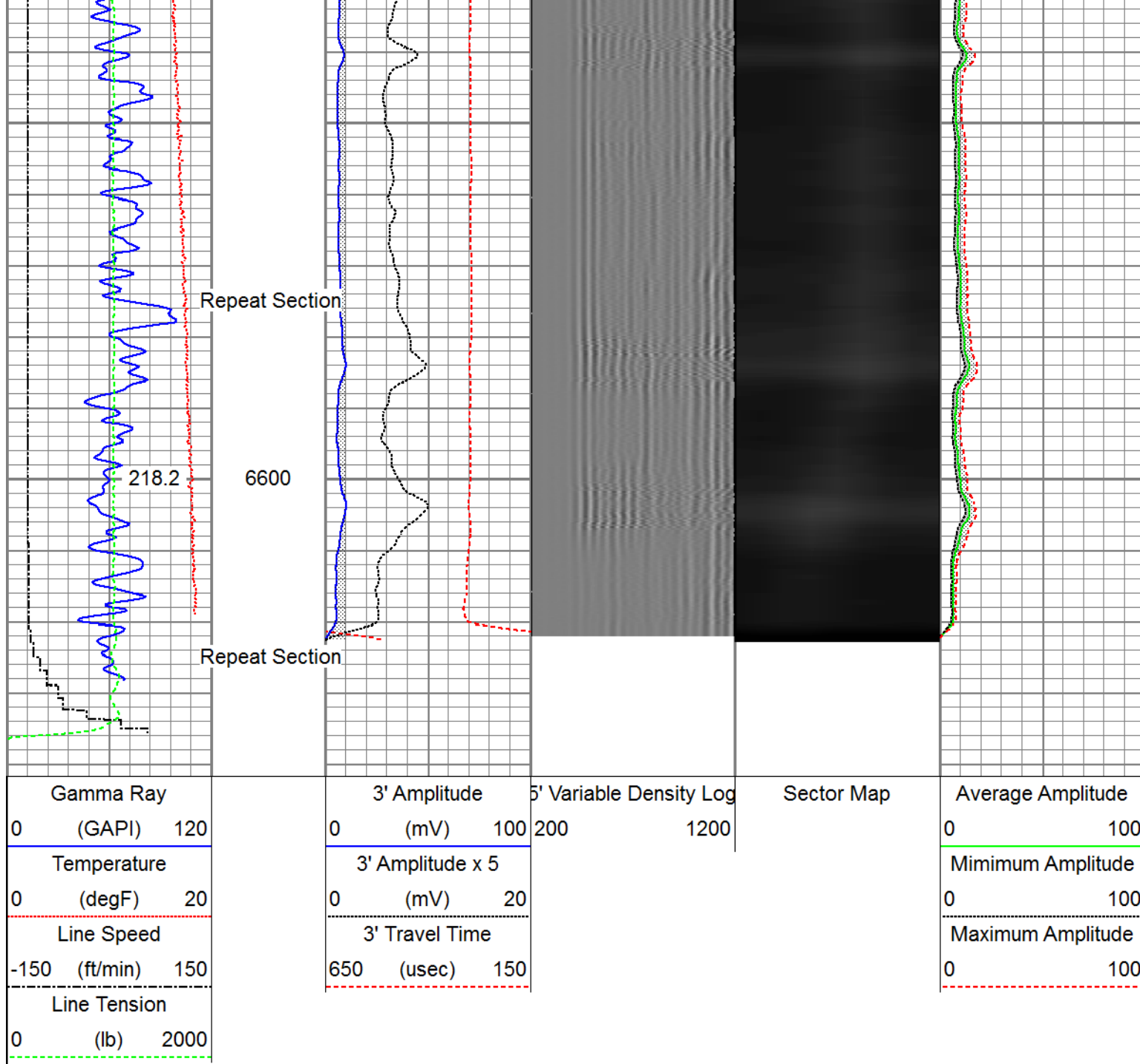
ros_radri


Fri Aug 18 13:32:11 2017

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
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)
HeadVolt	19.51		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	16.72					

WVFS8	14.55		Probe_RADII-C-P_RBT_2750 (FW1305-0969.19) Probe 2-3/4" Sector Cement Bond Tool with Temperature Probe	2.75	105.00	
WVFS7	14.55					
WVFS6	14.55					
WVFS5	14.55					
WVFS4	14.55					
WVFS3	14.55					
WVFS2	14.55					
WVFS1	14.55					
WVFCAL	14.55					
WVF3FT	14.55					
WVF5FT	13.55		Probe_ELine_BowSpring_Centralizer-P_EB52.8875 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.75	20.00	
DCCL	6.51					
CCL	6.51					
GR	5.30					
			Probe_GR_CCL-P_CGR_2750_S (FW1307-4.54) 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_SRC Energy_Beebe 14C-26-M_RBL_08-18-17.db: field/well/run1/pass16

Total length: 23.40 ft

Total weight: 225.40 lb

O.D.: 2.75 in

Gamma Ray Calibration Report

Segmented Cement Bond Log Calibration Report

Serial Number: FW1305-096
 Tool Model: P_RBT_2750

Calibration Casing Diameter: 5.500 in
 Calibration Depth: -29.900 ft

Master Calibration, performed Thu Aug 17 10:42:25 2017:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.006	0.447	0.800	71.921	161.021	-0.132
CAL	0.006	0.489				
5'	0.006	0.438	0.800	71.921	164.457	-0.136
SUM						
S1	0.006	0.446	0.000	100.000	227.101	-1.350
S2	0.006	0.445	0.000	100.000	227.593	-1.353
S3	0.006	0.443	0.000	100.000	228.712	-1.343
S4	0.006	0.441	0.000	100.000	230.035	-1.393
S5	0.006	0.444	0.000	100.000	228.425	-1.391
S6	0.006	0.446	0.000	100.000	227.234	-1.373
S7	0.006	0.450	0.000	100.000	225.358	-1.337
S8	0.006	0.451	0.000	100.000	224.765	-1.350

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.006	0.489	1.000	0.000

Air Zero Calibration, performed Tue Aug 15 13:18:11 2017:

	Raw (v)		Calibrated (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	



Company SRC Energy Inc.
 Well Beebe 14C-26-M
 Field Wattenberg
 County Weld
 State Colorado

