



Radial Cement Bond
Gamma Ray
Casing Collar Log

Company Chevron USA Inc.				Company Chevron USA Inc.			
Well Beezley 2-22				Well Beezley 2-22			
Field Rangely				Field Rangely			
County Rio Blanco				County Rio Blanco			
State Colorado				State Colorado			
Location:				API # : 05-103-05742			
SEC 22 TWP 2N RGE 103W				Other Services			
				MIT			
Permanent Datum				Ground Level			
Log Measured From				Kelly Bushing			
Drilling Measured From				Kelly Bushing			
18-MAR-2015				Elevation			
One				5597'			
6700 FT							
5004 FT							
5004 FT							
Surface							
8.75"							
Water							
8.3							

1771 FT							
11:00							
12:45							
HD-0302							
Grand Junction, CO							
D. Shannon							
L. DeMers							
Borehole Record				Tubing Record			
Run Number				Bit			
8.75 IN				From			
				To			
				Size			
				Weight			
				From			
				To			
Casing Record				Size (in)			
Surface Casing				Wgt (lbs/Ft)			
Intermediate #1				Grade			
Intermediate #2				Top			
Liner				Bottom			
				6425 FT			

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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.
Log measured from KB as per Chevron Well Schematic.

Thank you for choosing FMC Technologies Completion Services, Inc.!!



Main Pass

Recorded with -0- Psi surface induced pressure

Database File:03-18-15_chevron_beezley 2-22_mit_rbl.db

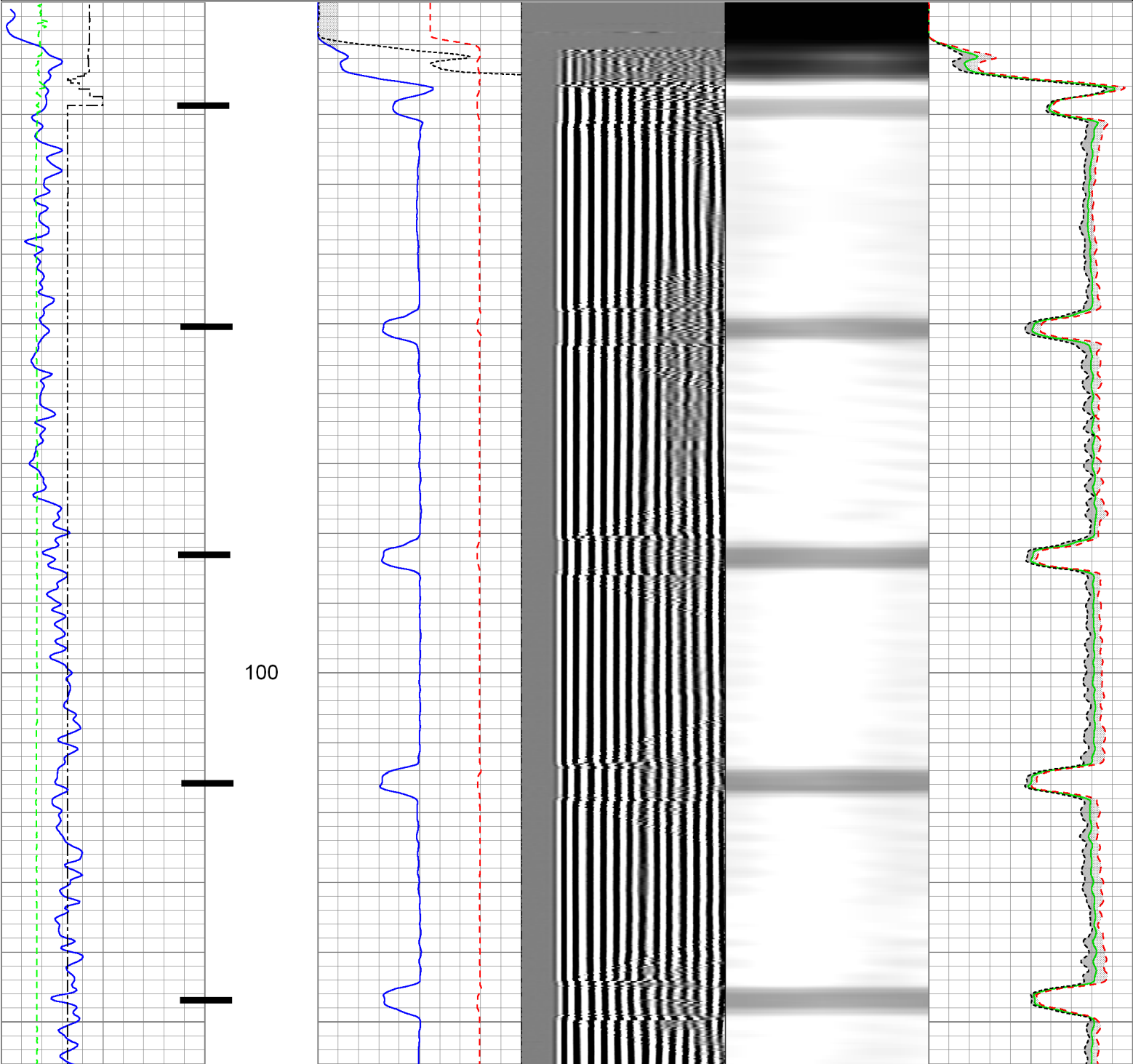
Dataset Pathname:pass17.2

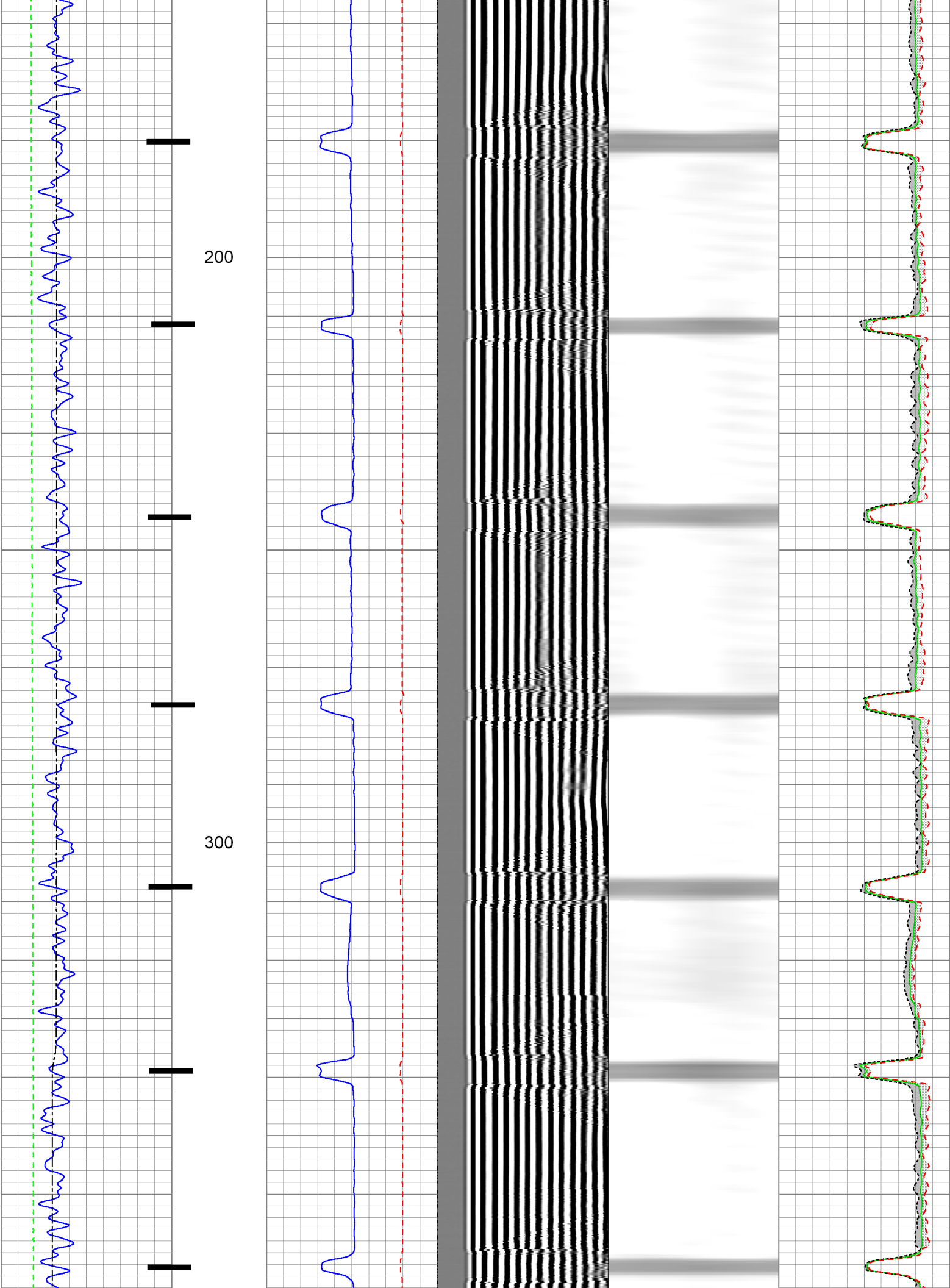
Presentation Format:rbt007

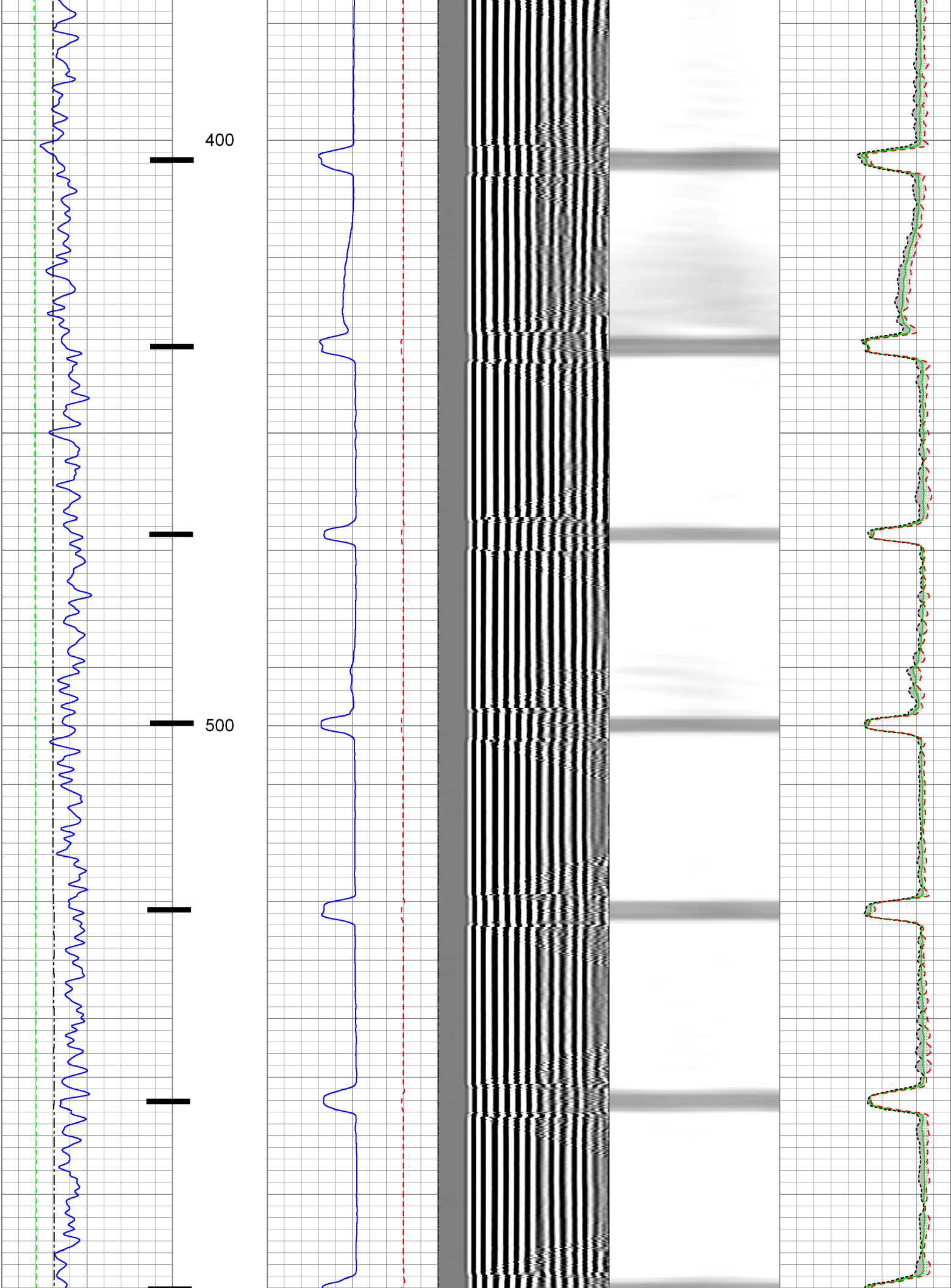
Dataset Creation:Thu Mar 19 13:42:50 2015 by Calc SCH 120430

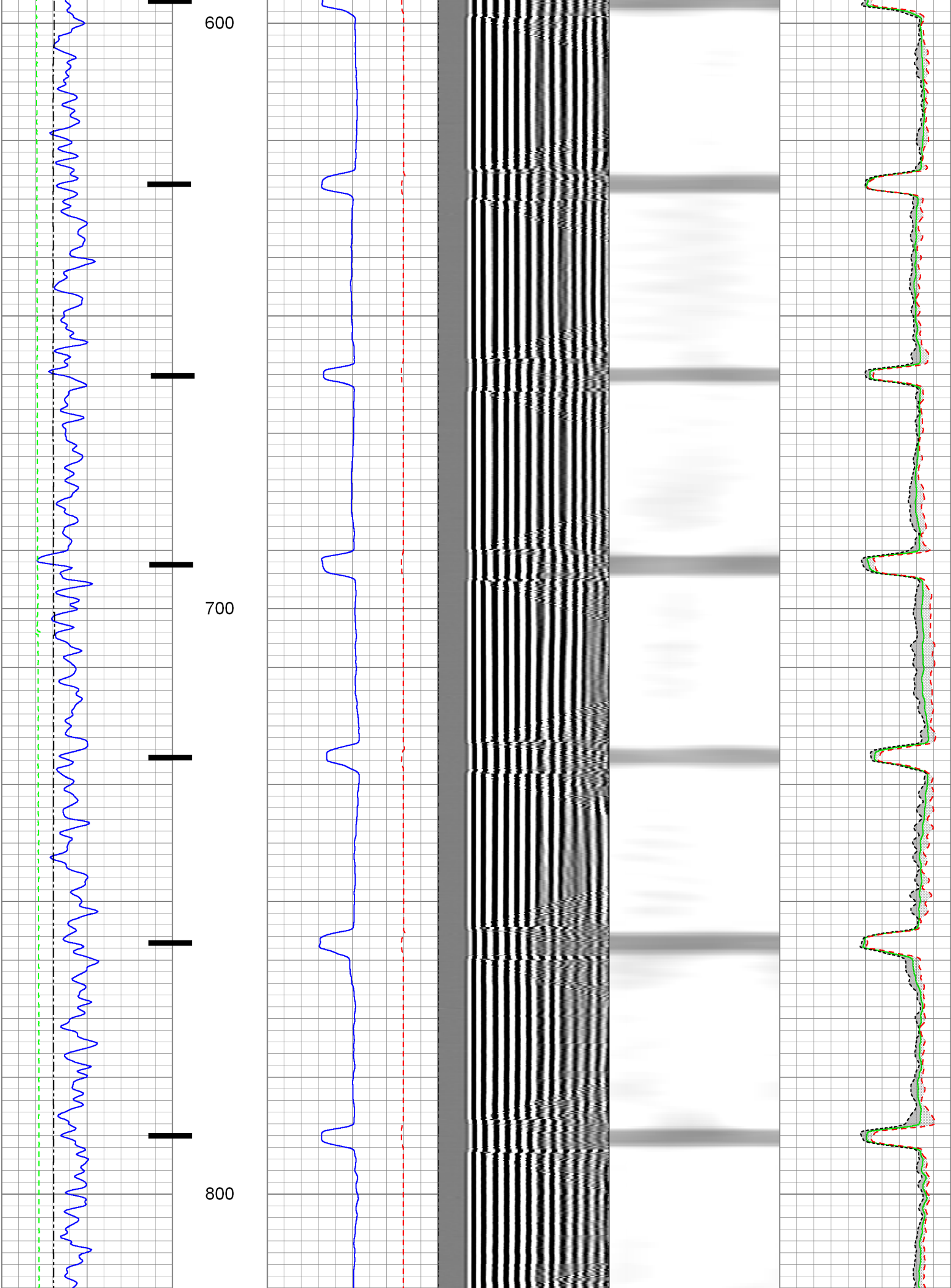
Charted by:Depth in Feet scaled 1:240

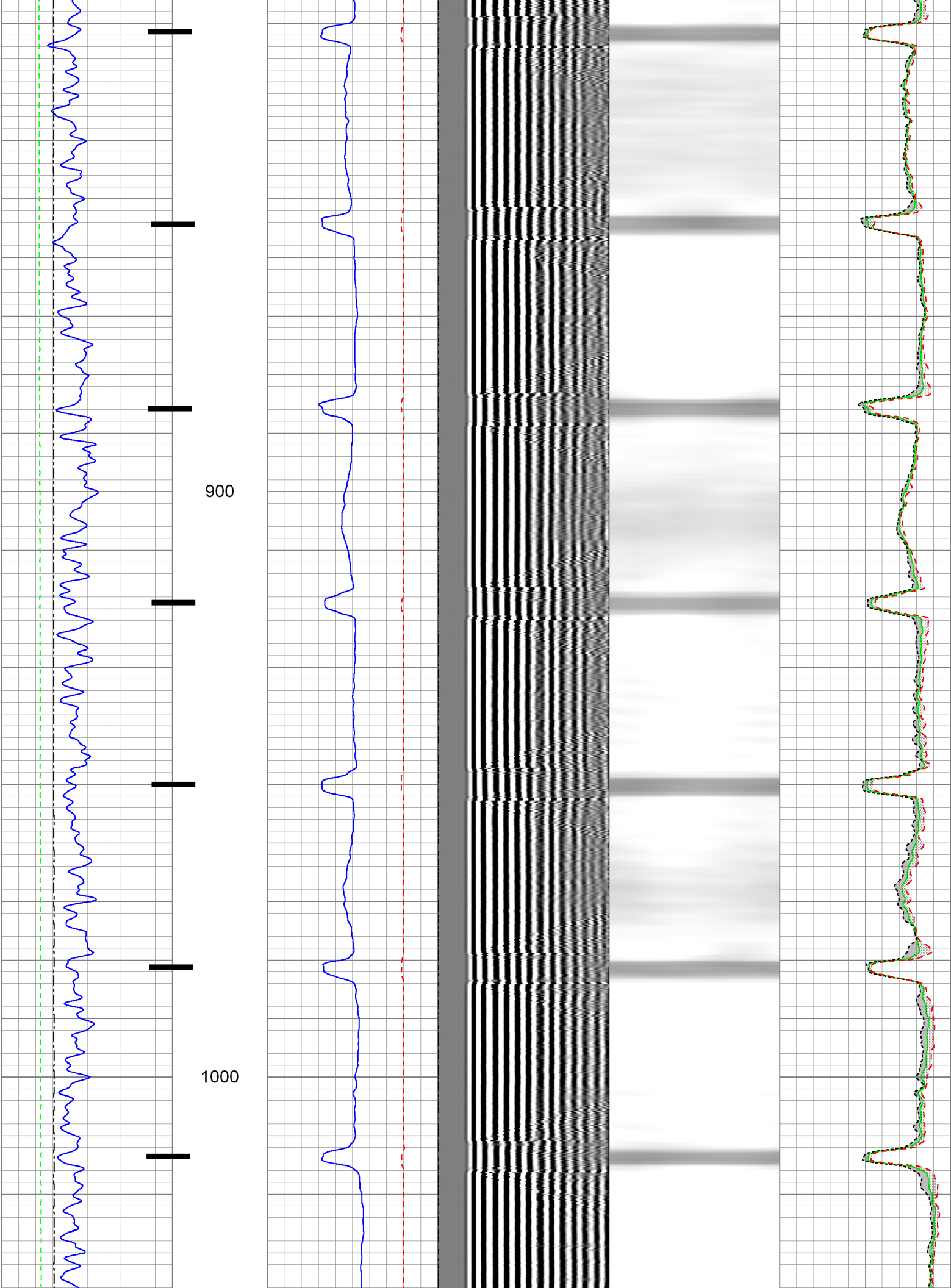
Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 120	0 (mV) 100	200 1200		0 100
Casing Collar Locator	3' Amplitude x 5			Minimum Amplitude
	0 (mV) 20			0 100
Line Speed	3' Travel Time			Maximum Amplitude
-150 (ft/min) 150	650 (usec) 150			0 100
Line Tension				
0 (lb)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

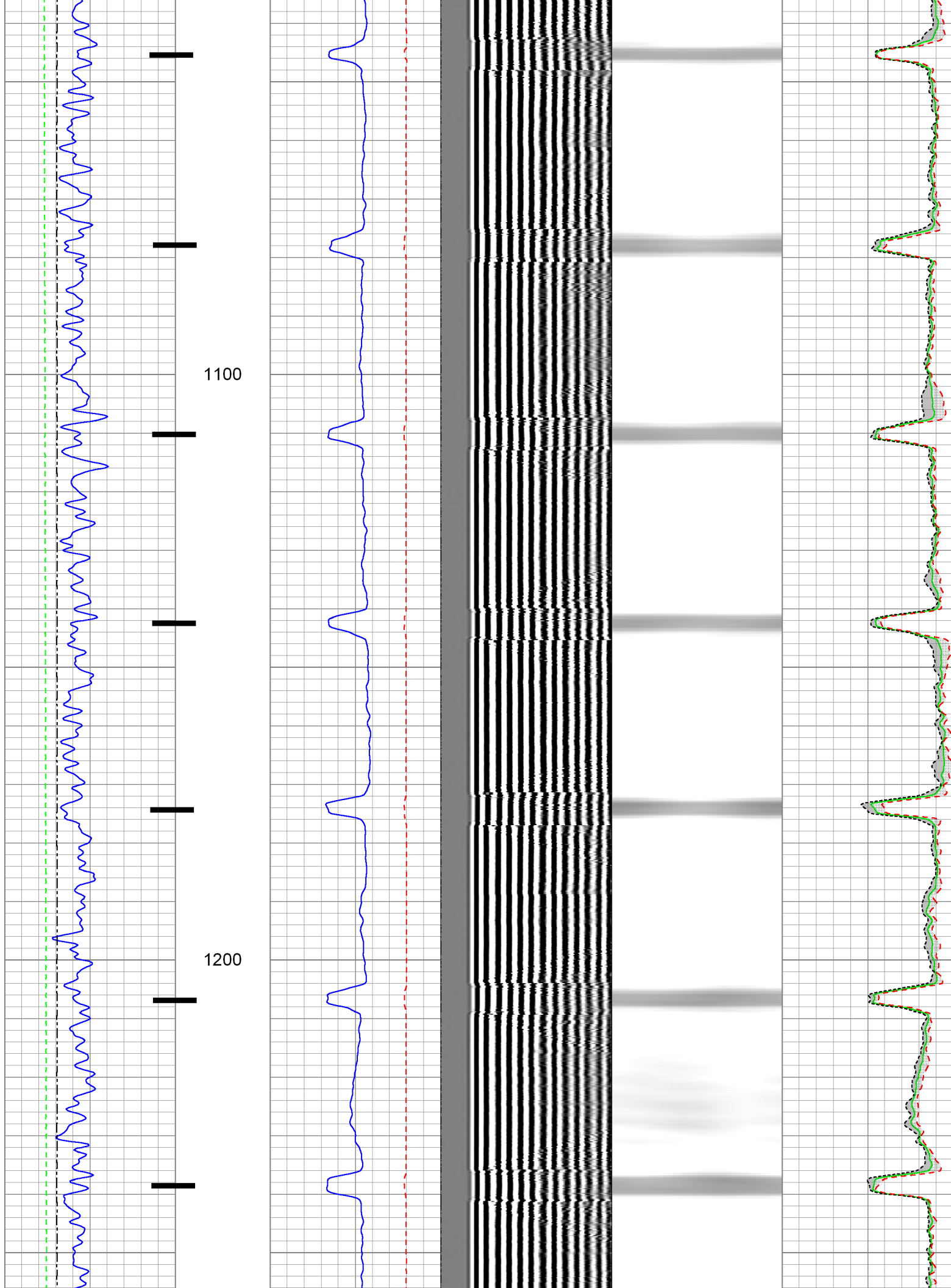


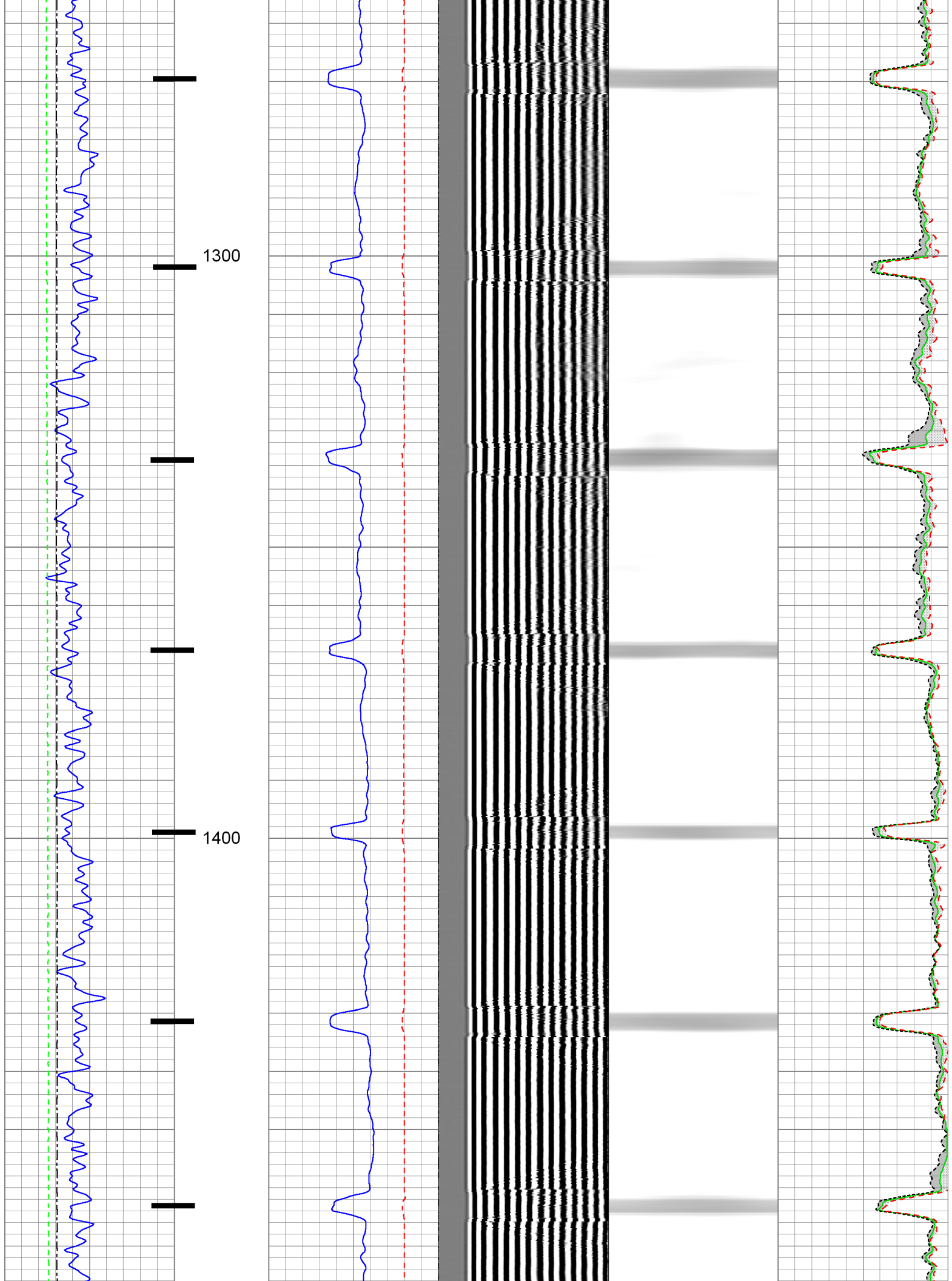


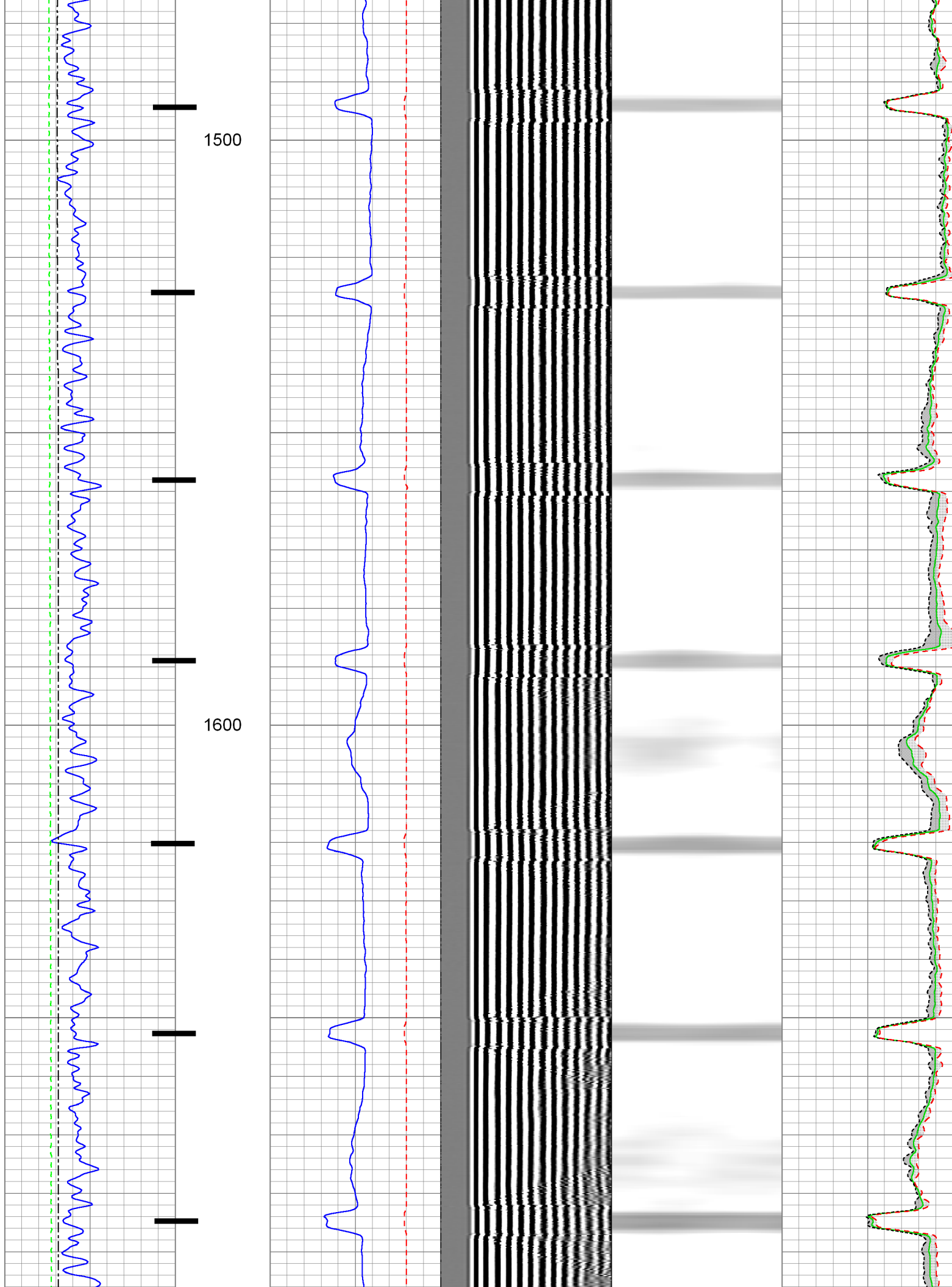


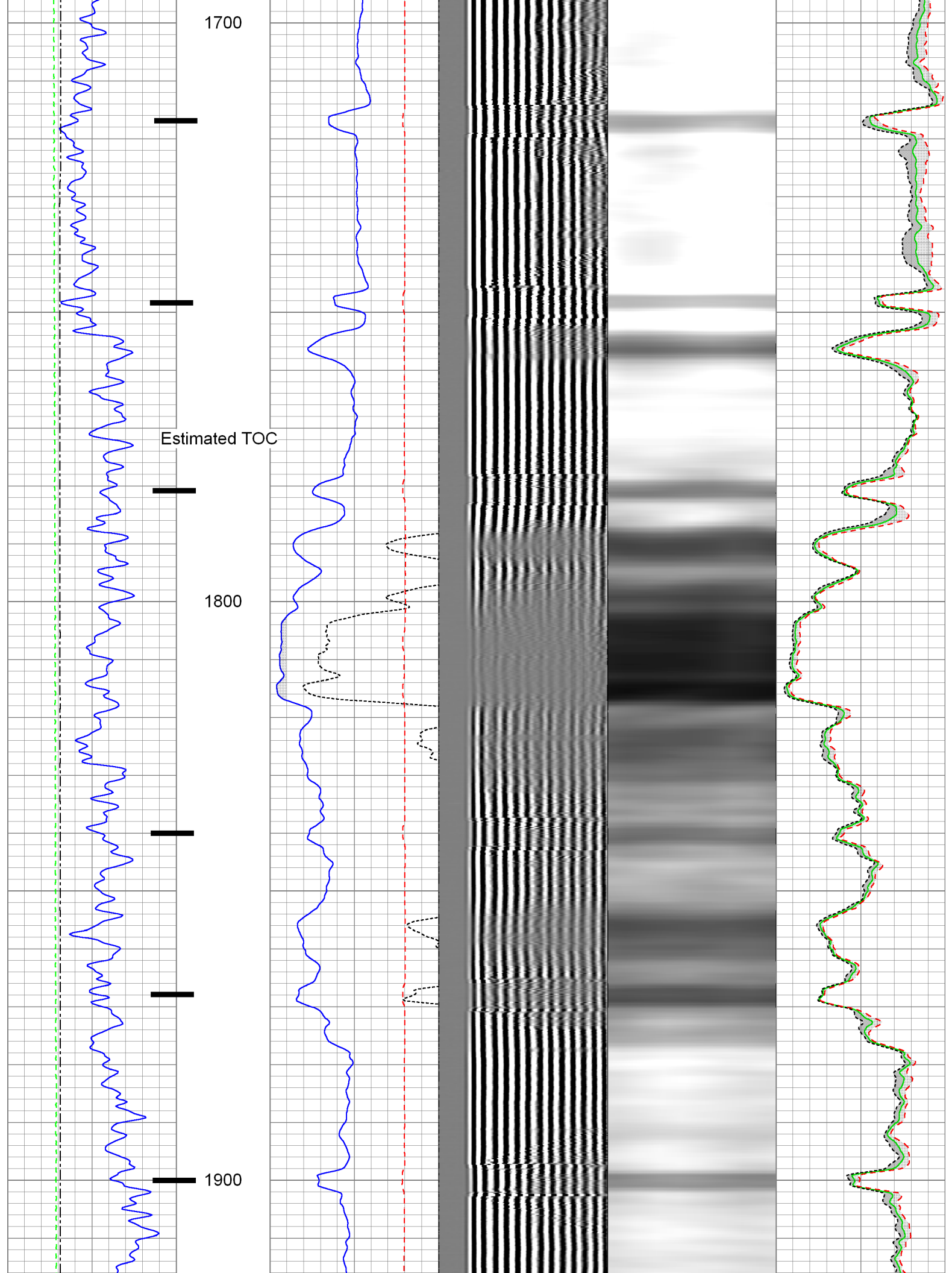


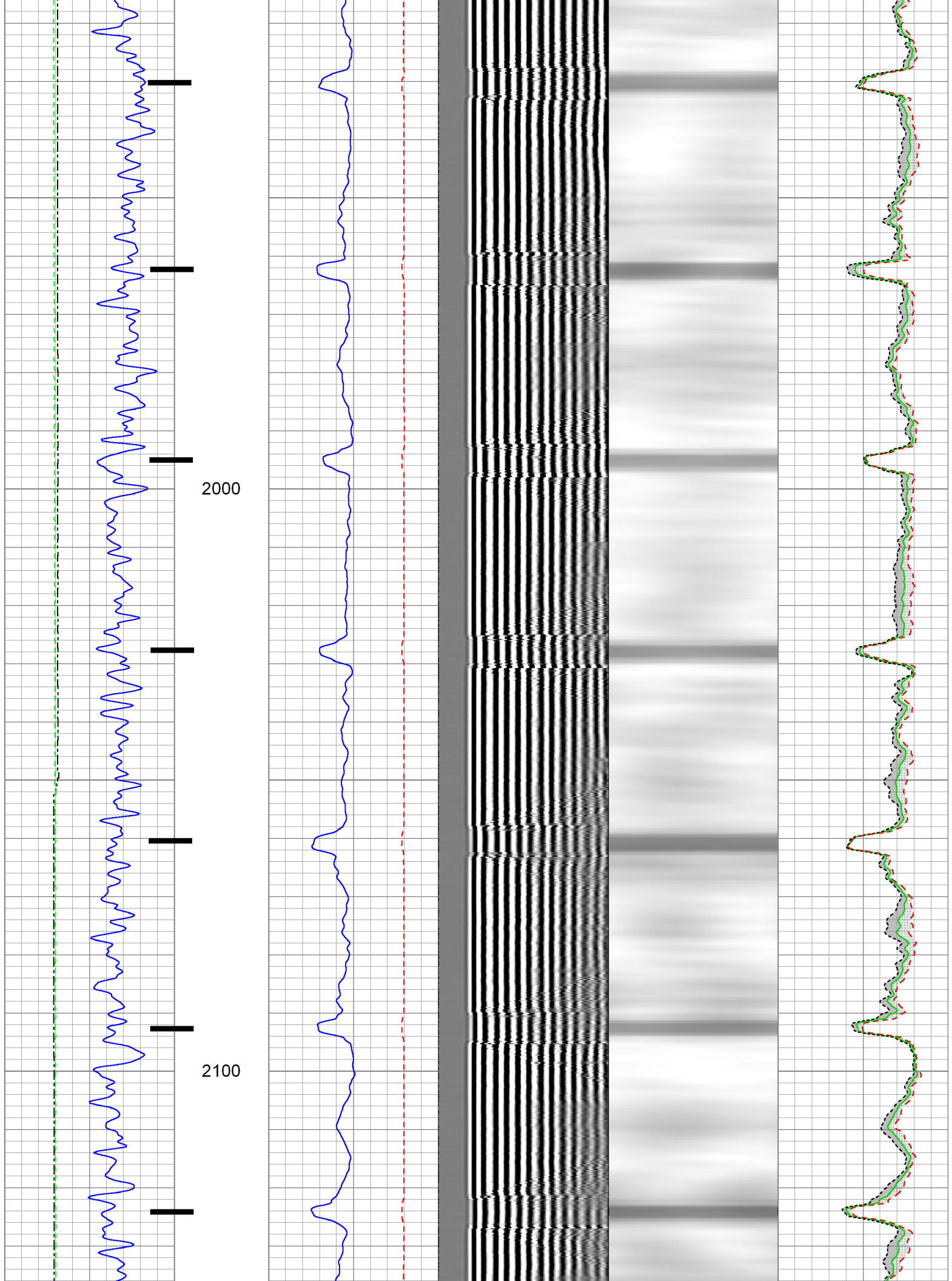


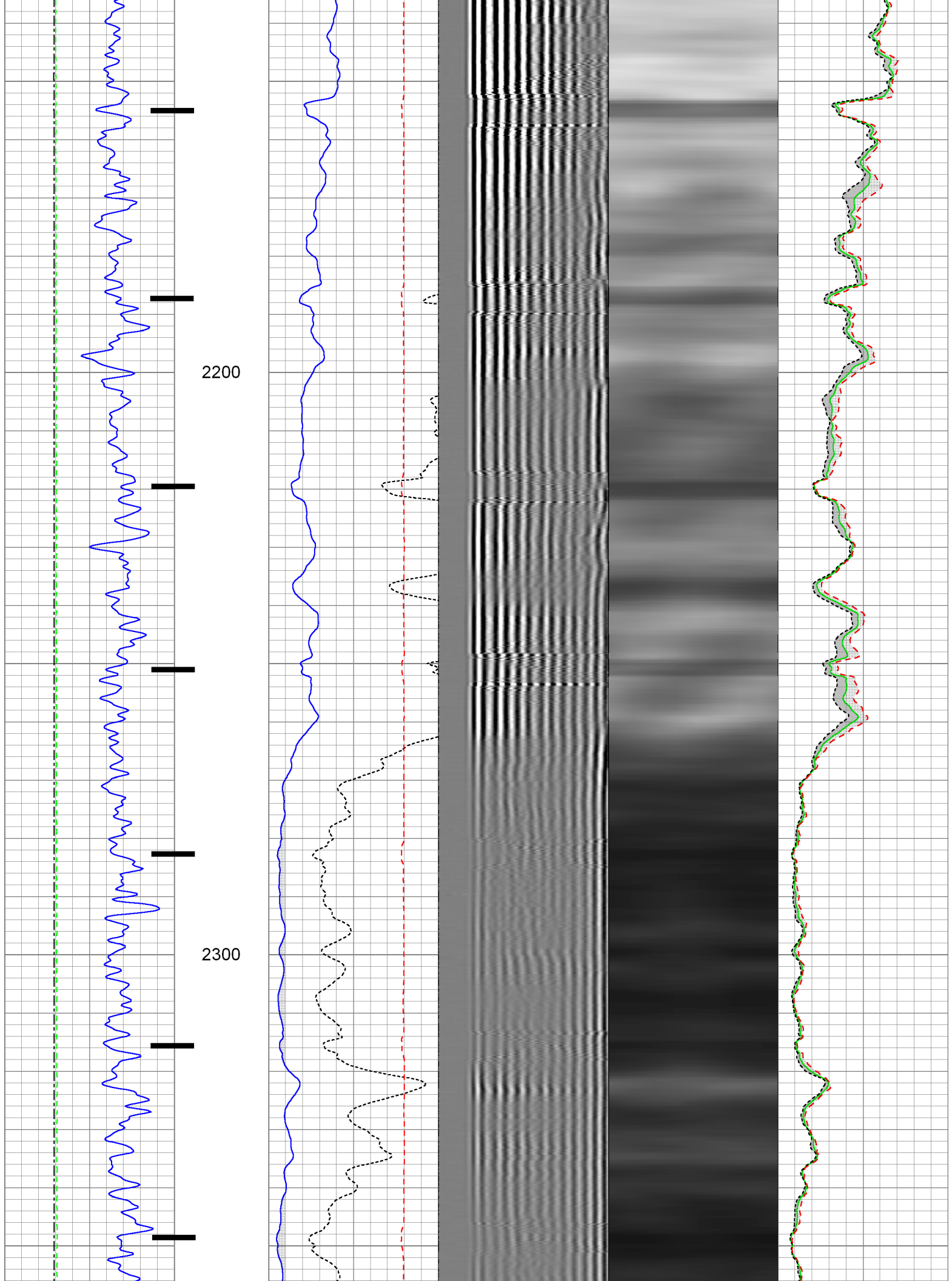


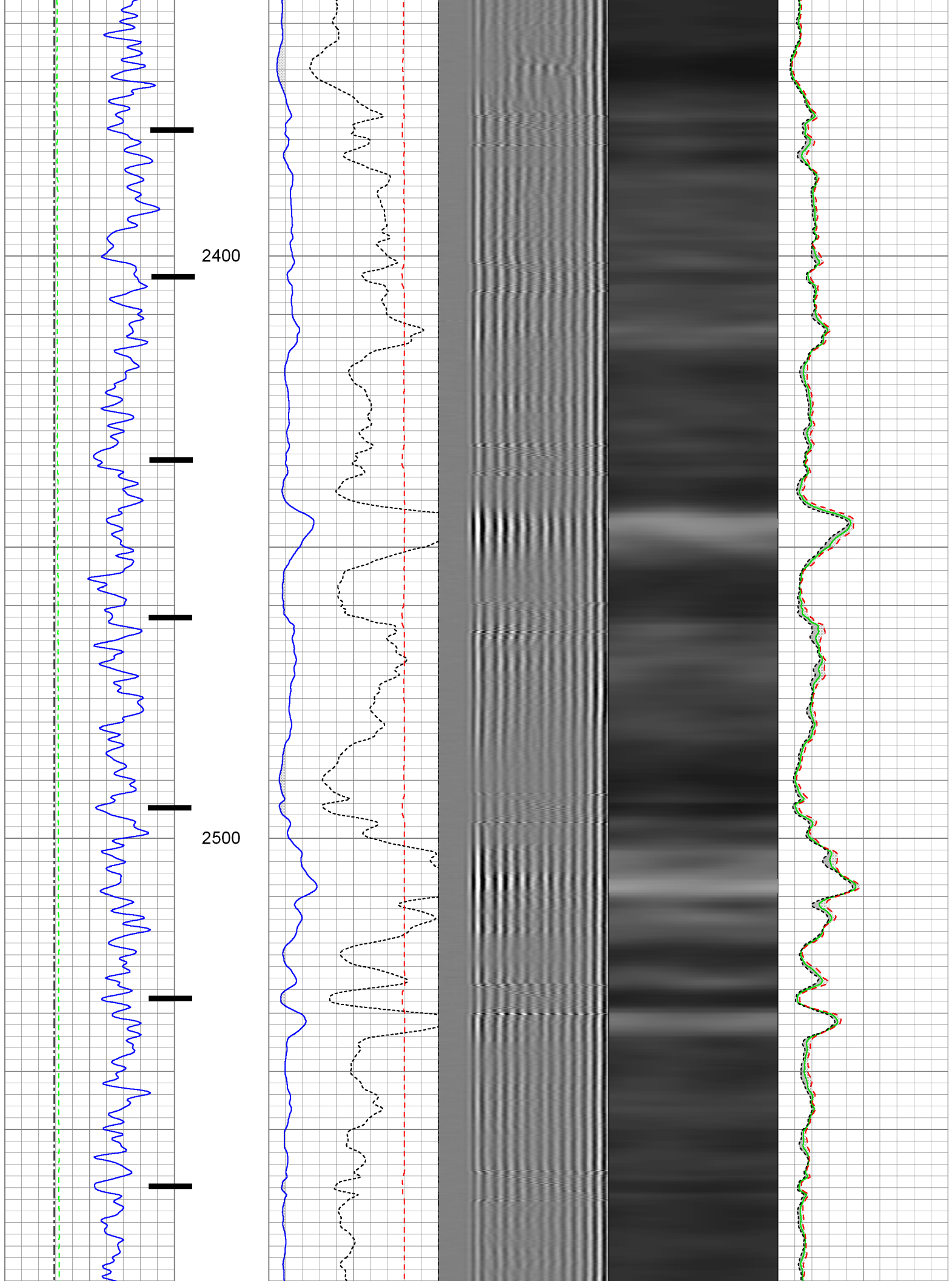


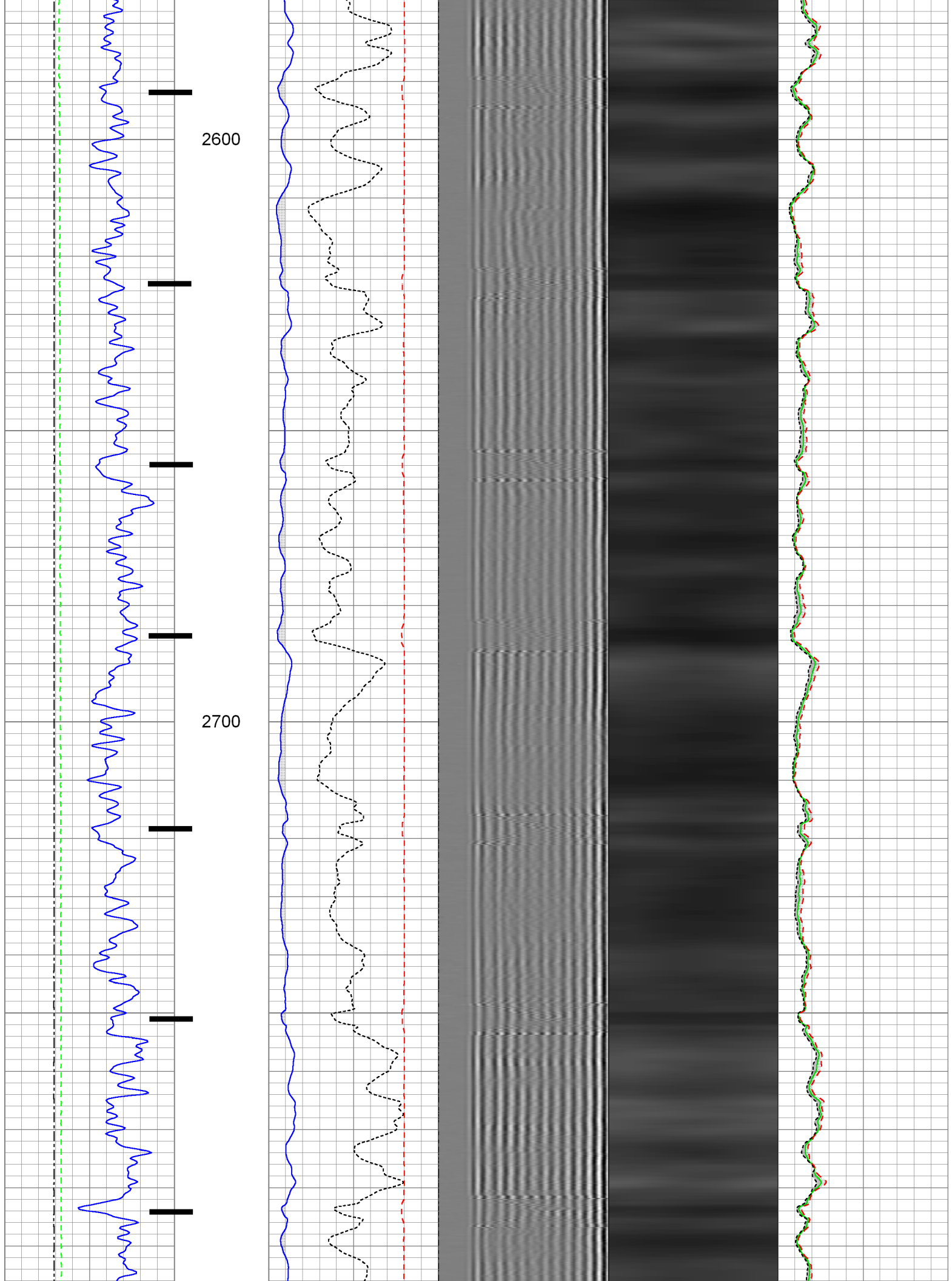








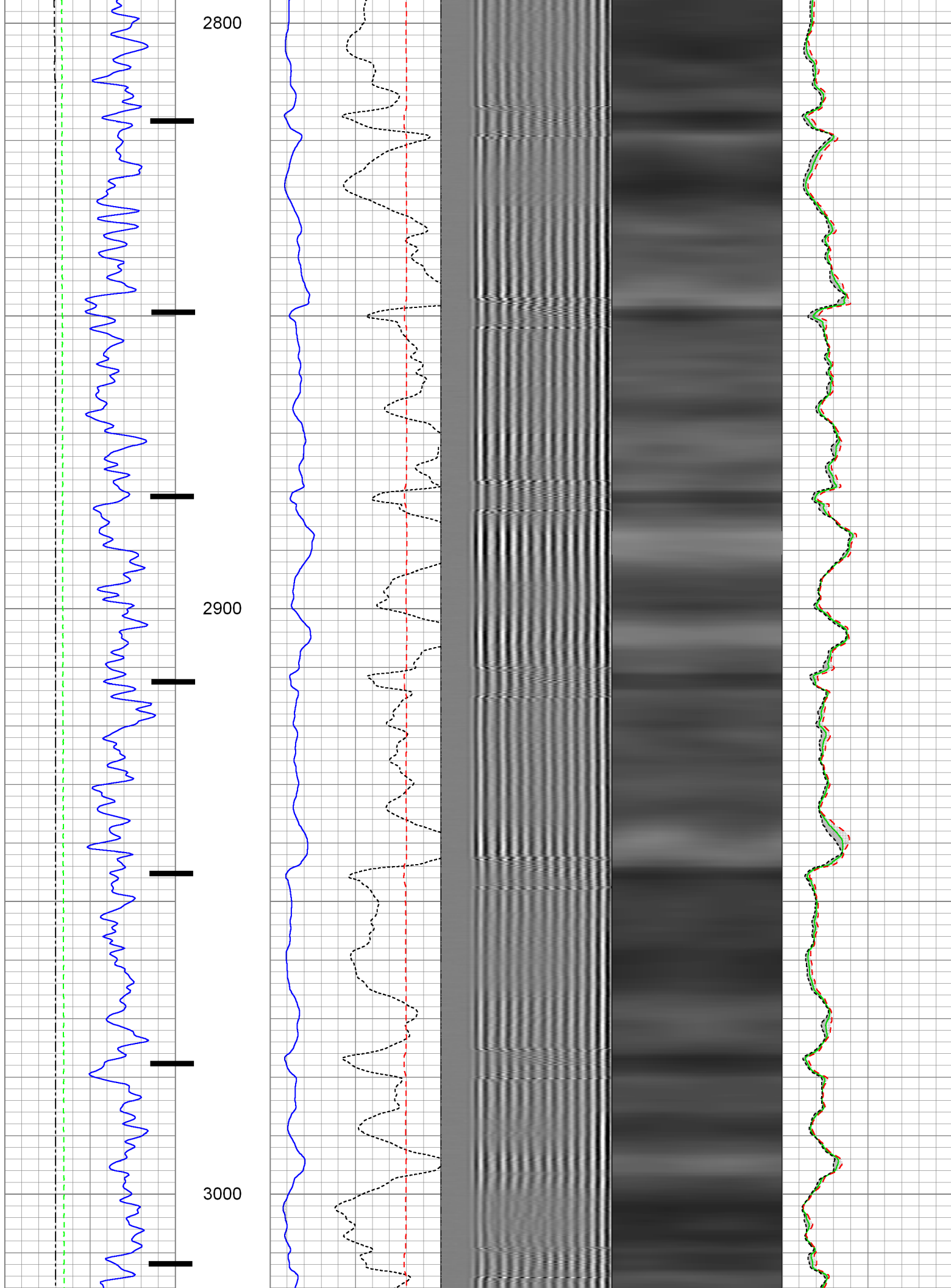


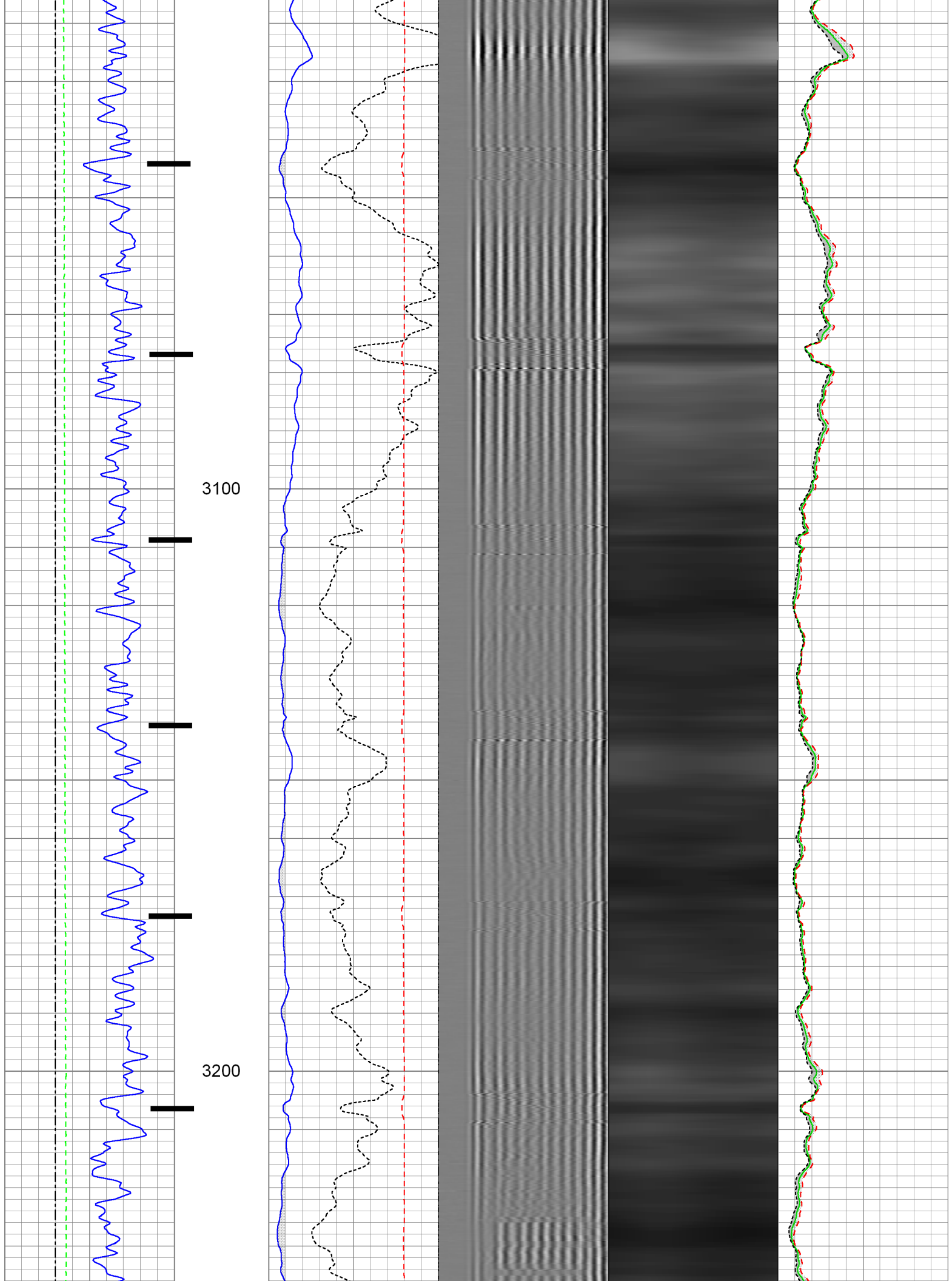


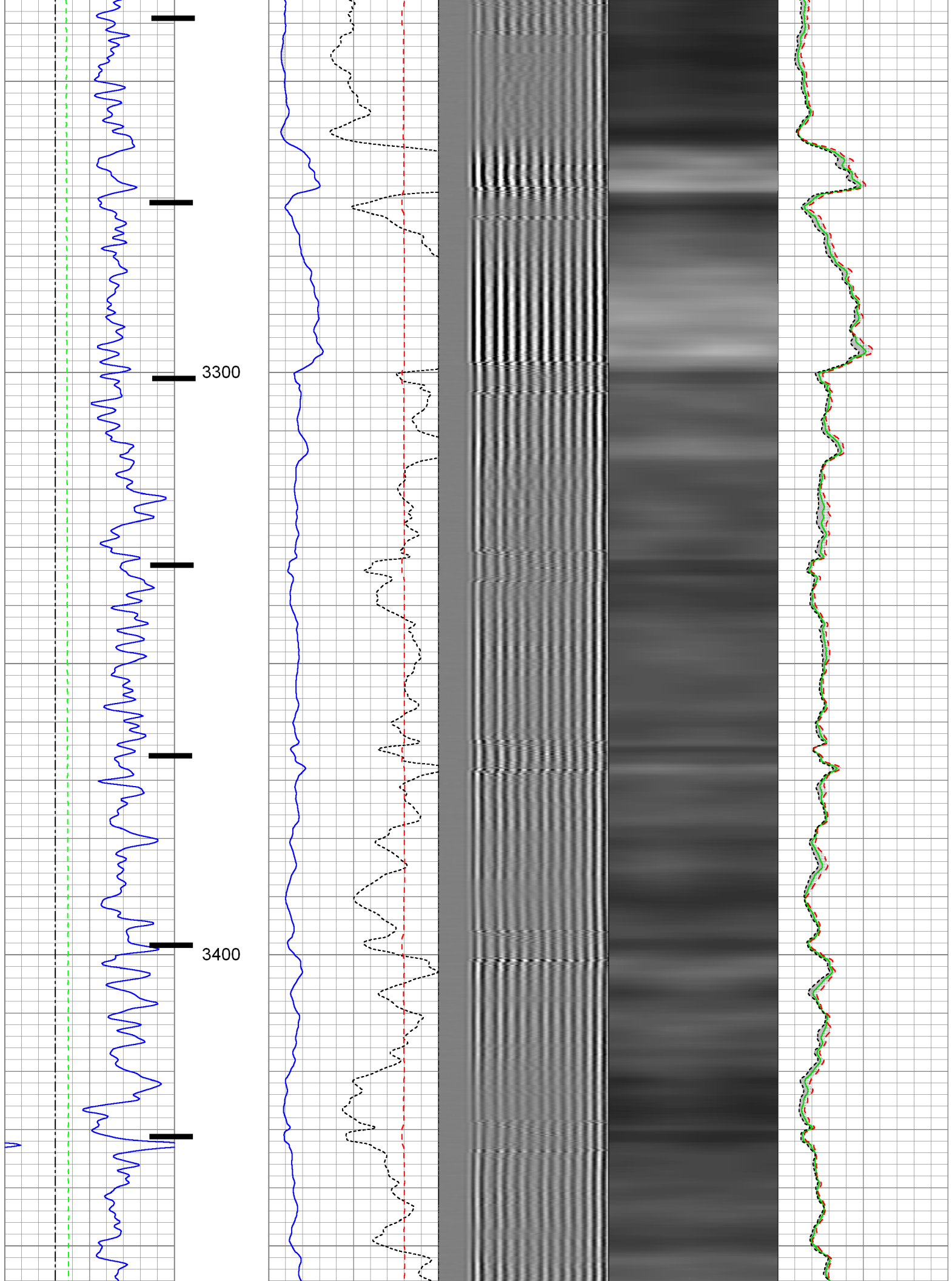
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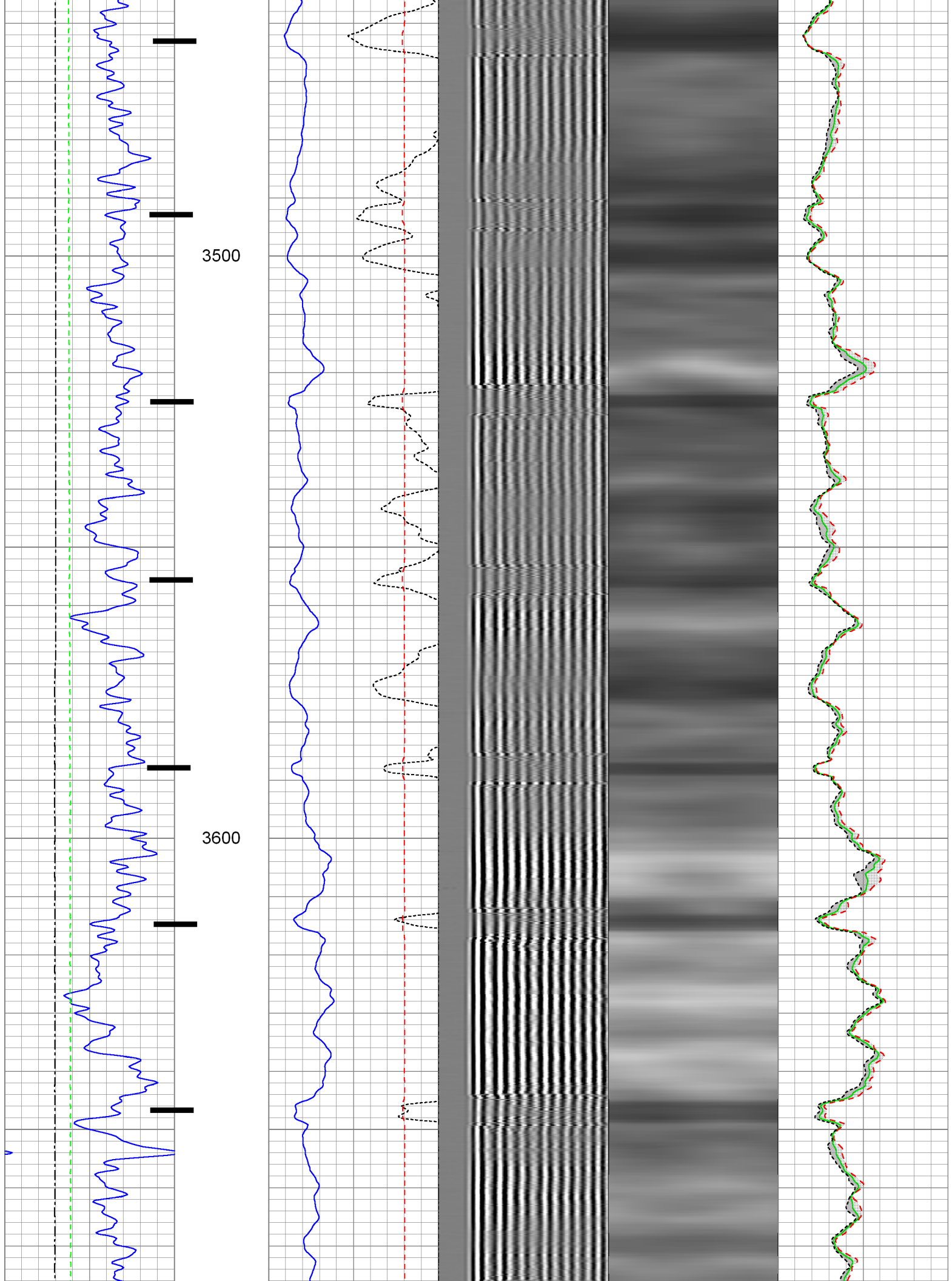
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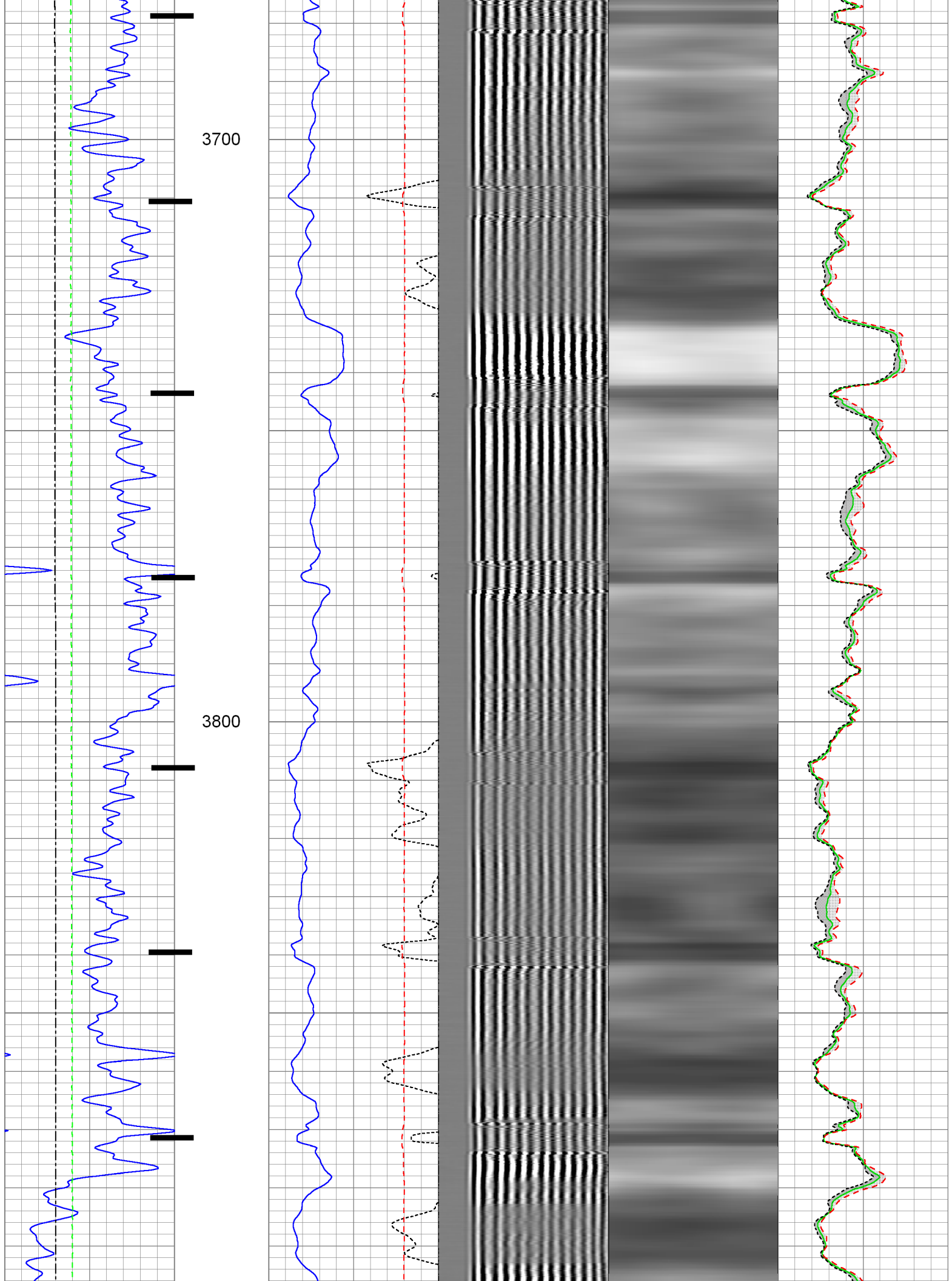
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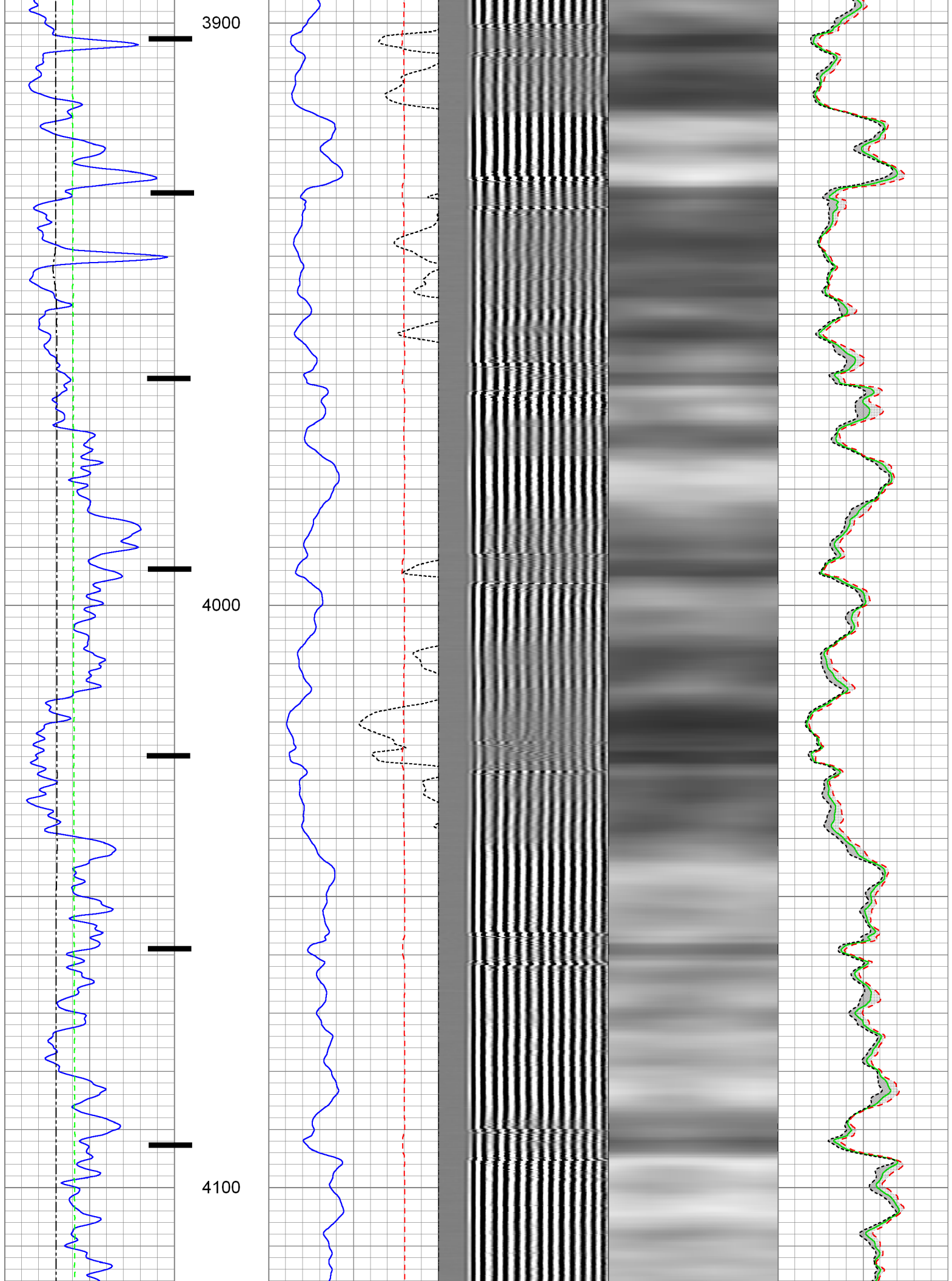


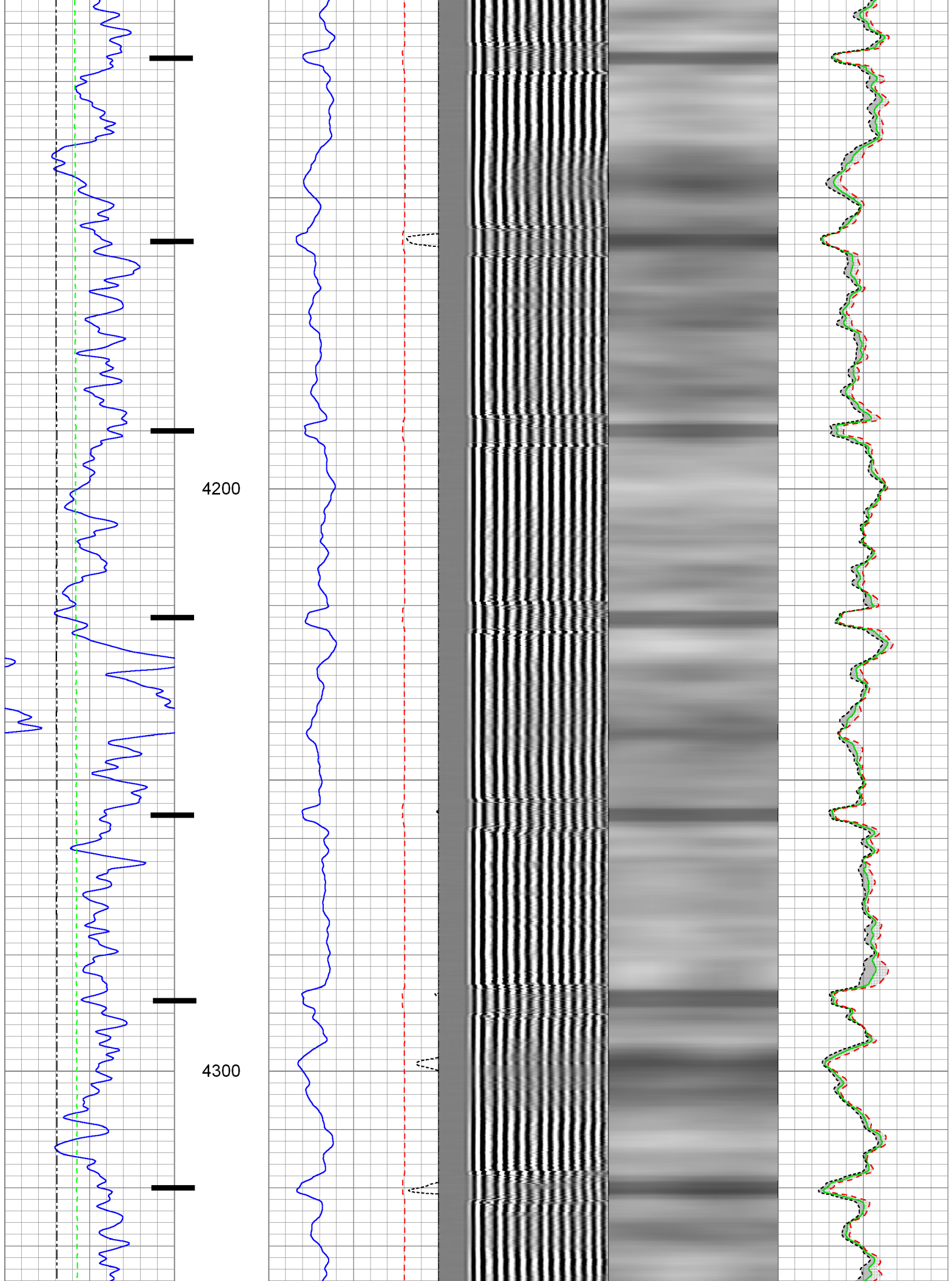


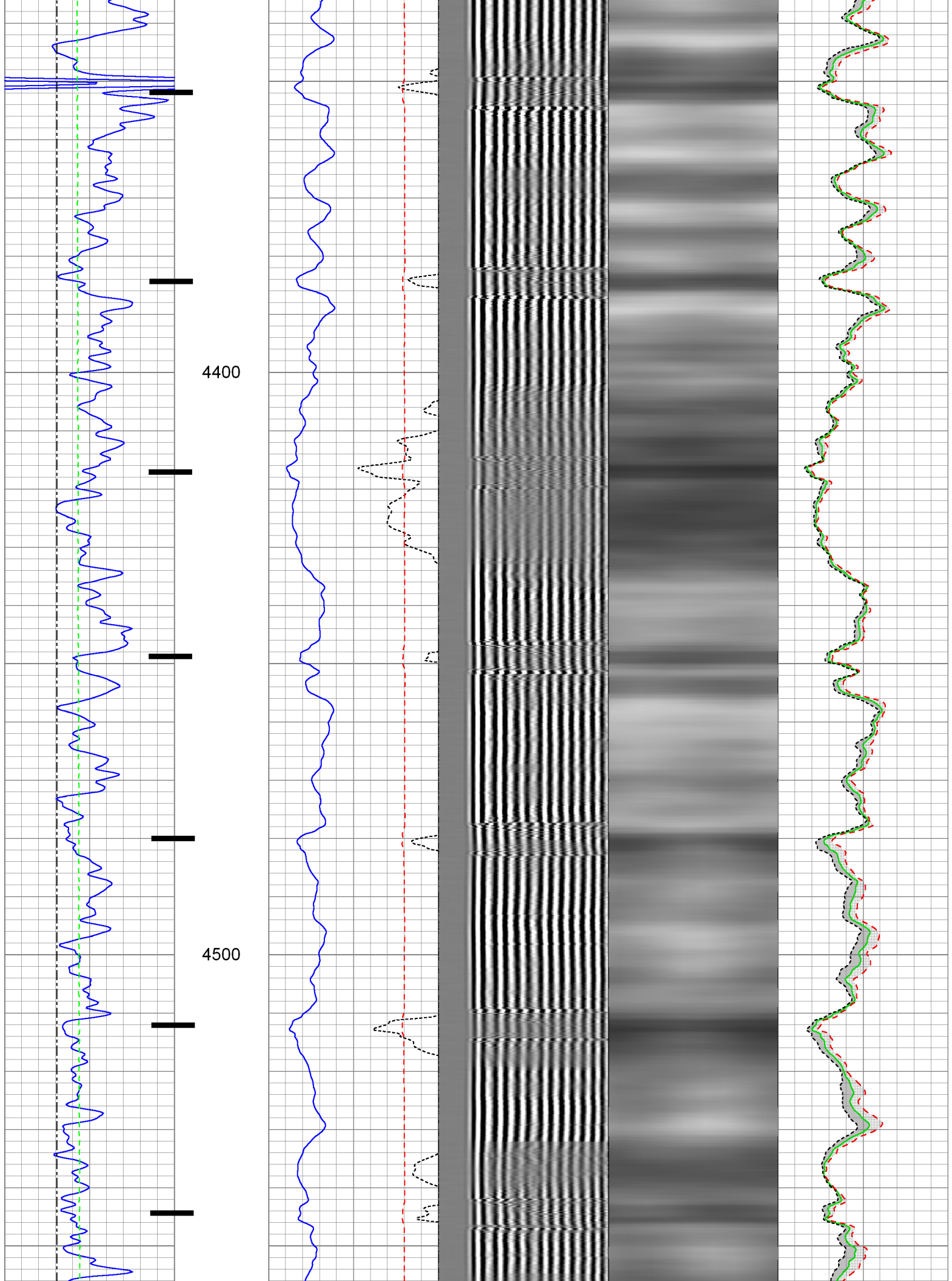


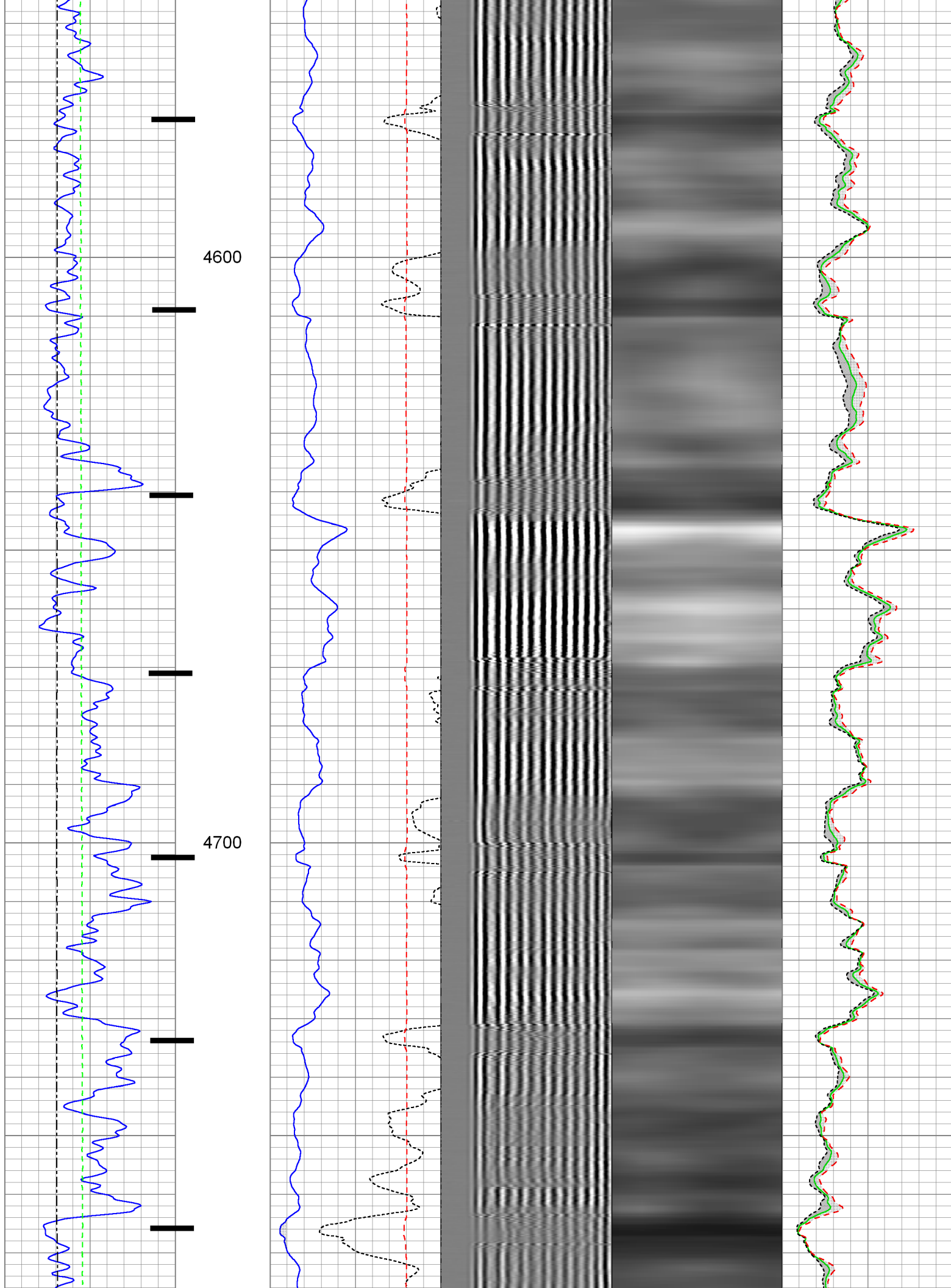


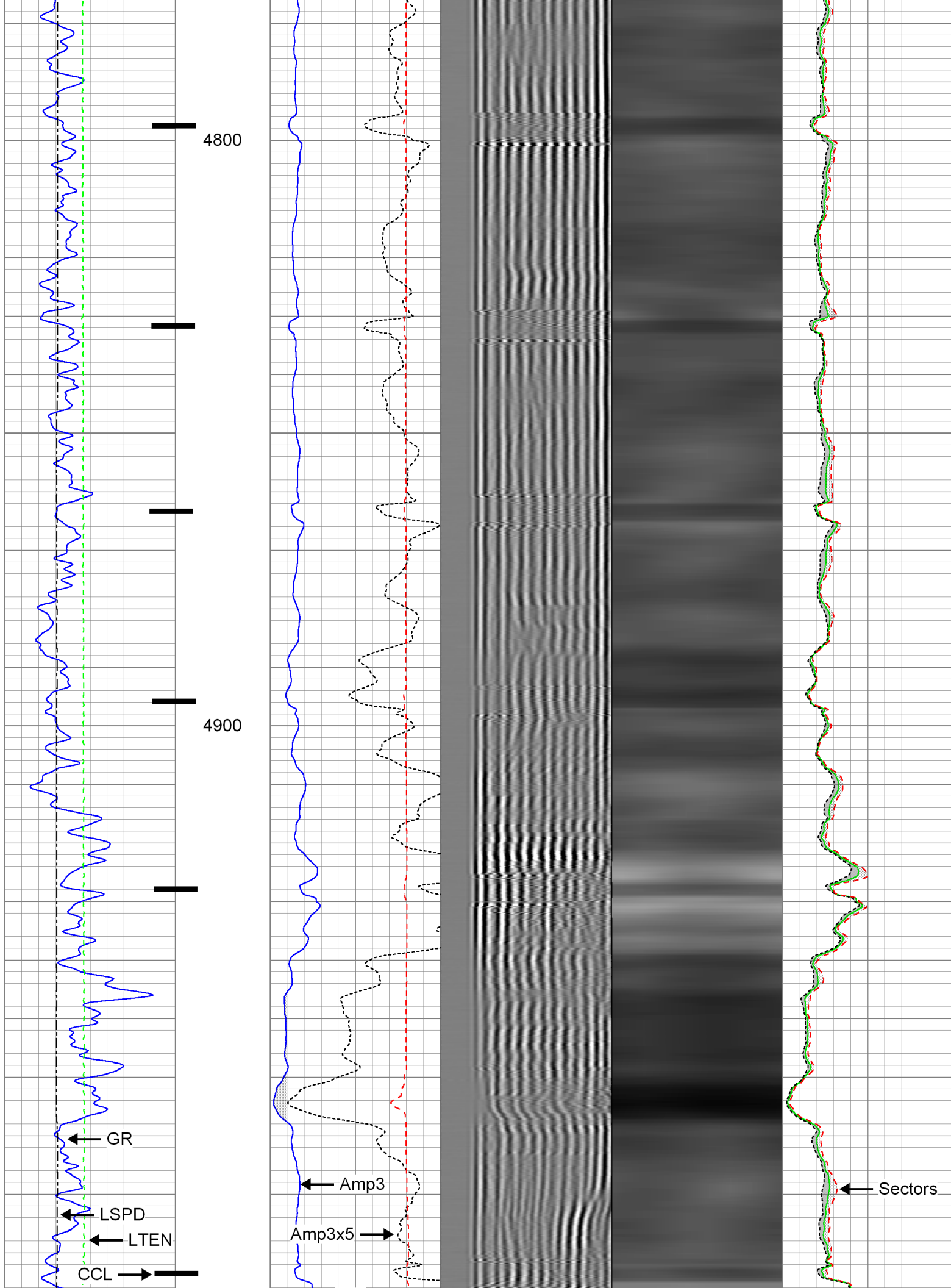


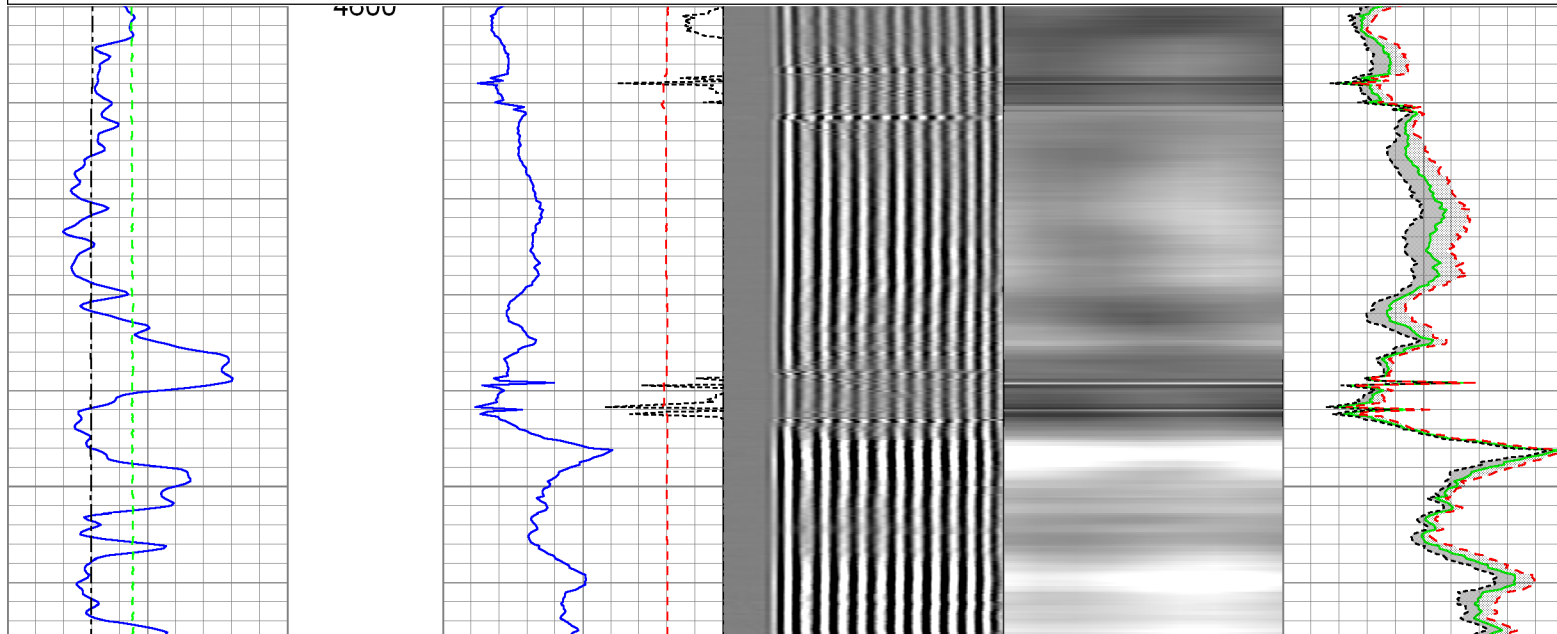
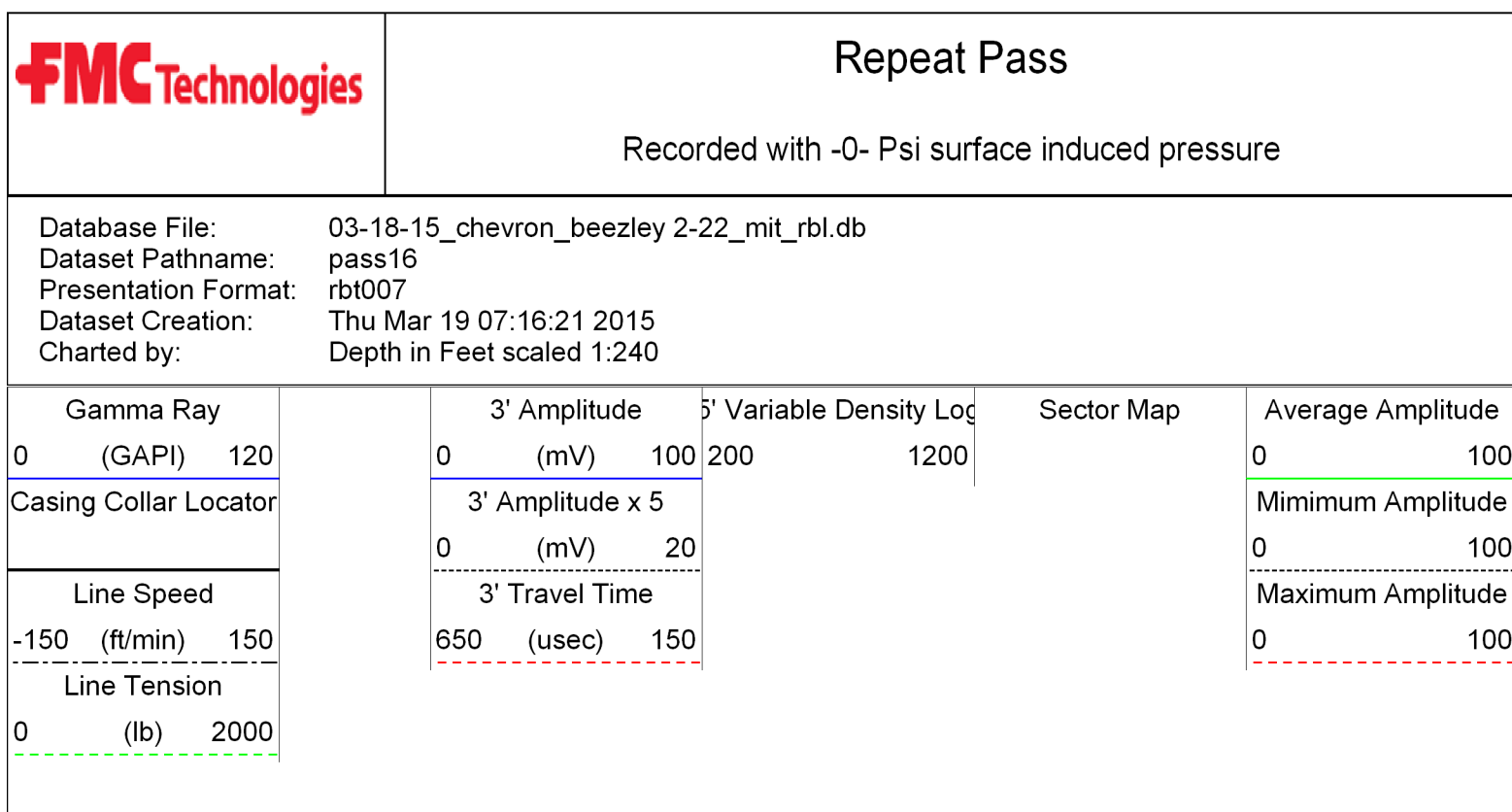
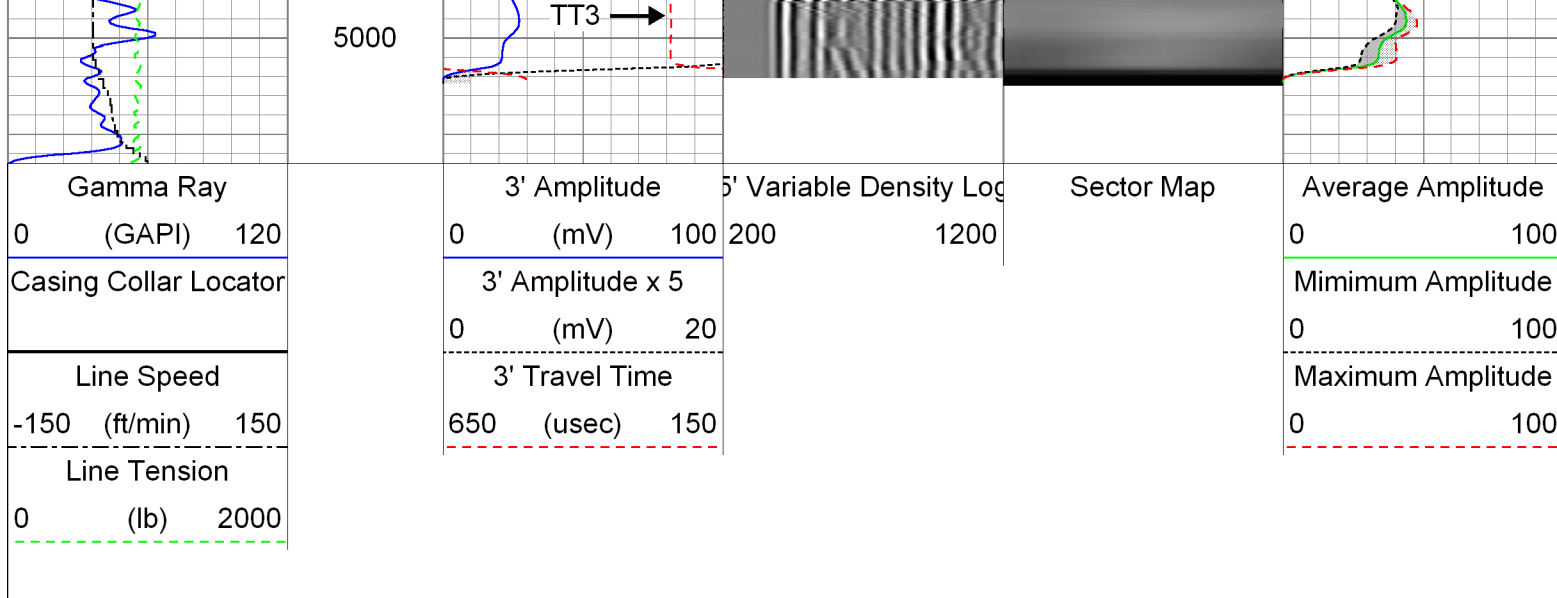


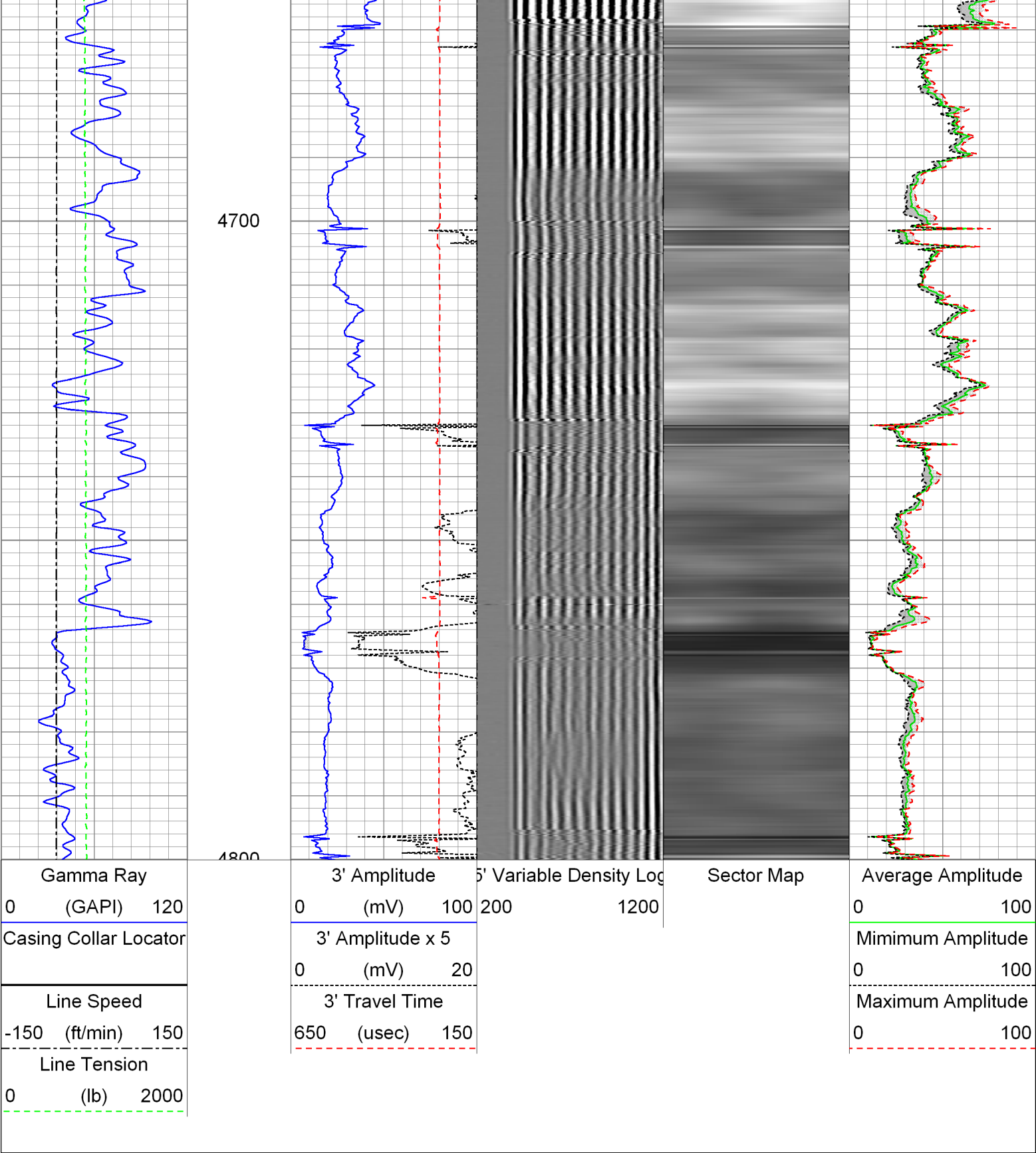





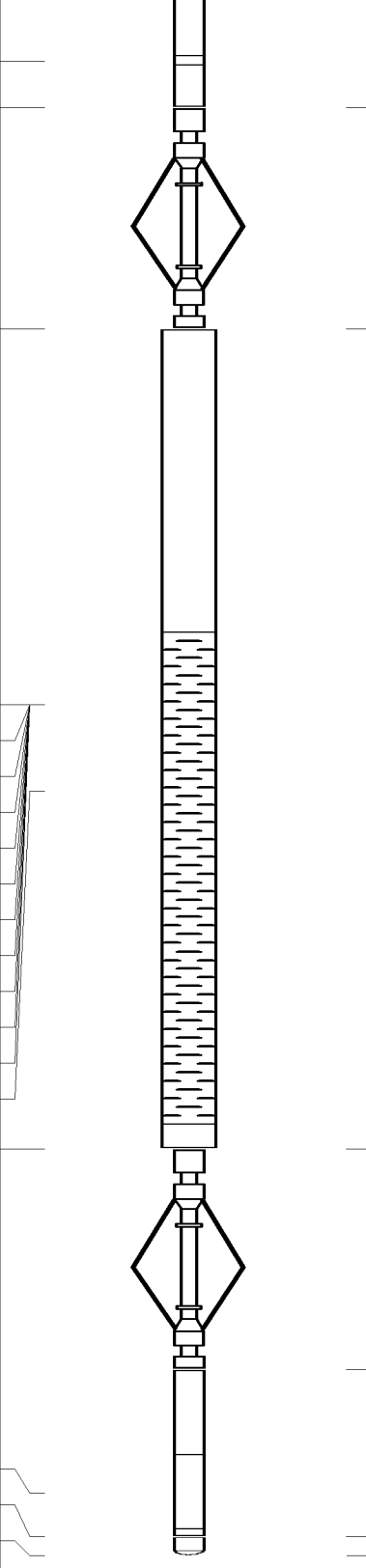








Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
Titan_Electric_C21.09_Heads			T_CH14375_1_GO Titan 1-7/16" Assembled Electric Cable Head with 1" Fishing Neck	1.03	1.44	4.00
UW_AGS	20.05		UW_AGS-UW_AGS_001 (218848) Sondex Adapter - GO Box to Sondex Pin	0.21	1.69	1.00
			UW_XTU-UW_XTU_002 (10017430) Crossover Ultrawire Toolbus to Ultralink	1.58	1.69	6.50

CCL	17.26		UW_CCL-UW_CCL_015 (10012972) Ultrawire Casing Collar Locator	1.54	1.69	9.00	
DSS	16.72						
				DSS-2-3/4" (RAC.20.085SX) DSS 2-3/4" 5 Arm Centralizer W\ Sondex Ends	2.55	2.75	
UW_RBT	14.17						
WVF3FT	9.83						
WVFS1	9.83			UW_RBT-UW_RBT_004 (10013454) Sondex Ultrawire 3-1/8" Radial Bond Tool	9.47	3.13	140.00
WVFS2	9.83						
WVFS3	9.83						
WVFS4	9.83						
WVFS5	9.83						
WVFS6	9.83						
WVFS7	9.83						
WVFS8	9.83						
CBLTEMP	9.83						
CBLROT	9.83						
WVF5FT	8.83						
DSS	4.70						
			DSS #2 -2-3/4" (RAC.20.086SX) DSS 2-3/4" 5 Arm Centralizer W\ Sondex Ends	2.55	2.75		
GR	0.72		UW_PGR-UW_PGR_020 (10019072) Production Gamma Ray	1.93	1.69	9.50	
UW_BUL	0.22		UW_BUL-UW_BUL_006 (10019728) Sondex Ultrawire Bullnose Terminator	0.22	1.69	1.20	
TSTAMP	0.00						
Dataset:		03-18-15_chevron_beezley 2-22_mit_rbl.db: field/well/run1/pass17					
Total Length:		21.09 ft					
Total Weight:		171.20 lb					
O.D.		3.13 in					

<div> <div>Calibration Report</div> <div> Database File: 03-18-15_chevron_beezley 2-22_mit_rbl.db Dataset Pathname: pass17 Dataset Creation: Thu Mar 19 07:16:38 2015 </div> </div>	
Gamma Ray Calibration Report	
Serial Number:	10019072

Tool Model:	UW_PGR_020	
Performed:	Sun Jun 13 13:33:21 1993	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	10013454
Tool Model:	UW_RBT_004
Calibration Casing Diameter:	7.000 in
Calibration Depth:	1058.022 ft

Master Calibration, performed Wed Mar 18 13:54:34 2015:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	0.000	0.696	0.000	62.165	89.254	0.000
5FT	0.000	0.720	0.000	62.165	86.368	0.000
S1	0.000	0.630	0.000	100.000	158.843	0.000
S2	0.000	0.619	0.000	100.000	161.645	0.000
S3	0.000	0.652	0.000	100.000	153.334	0.000
S4	0.000	0.711	0.000	100.000	140.626	0.000
S5	0.000	0.752	0.000	100.000	132.942	0.000
S6	0.000	0.770	0.000	100.000	129.921	0.000
S7	0.000	0.728	0.000	100.000	137.443	0.000
S8	0.000	0.665	0.000	100.000	150.268	0.000



Company	Chevron USA Inc
Well	Beezley 2-22
Field	Rangely
County	Rio Blanco
State	Colorado