

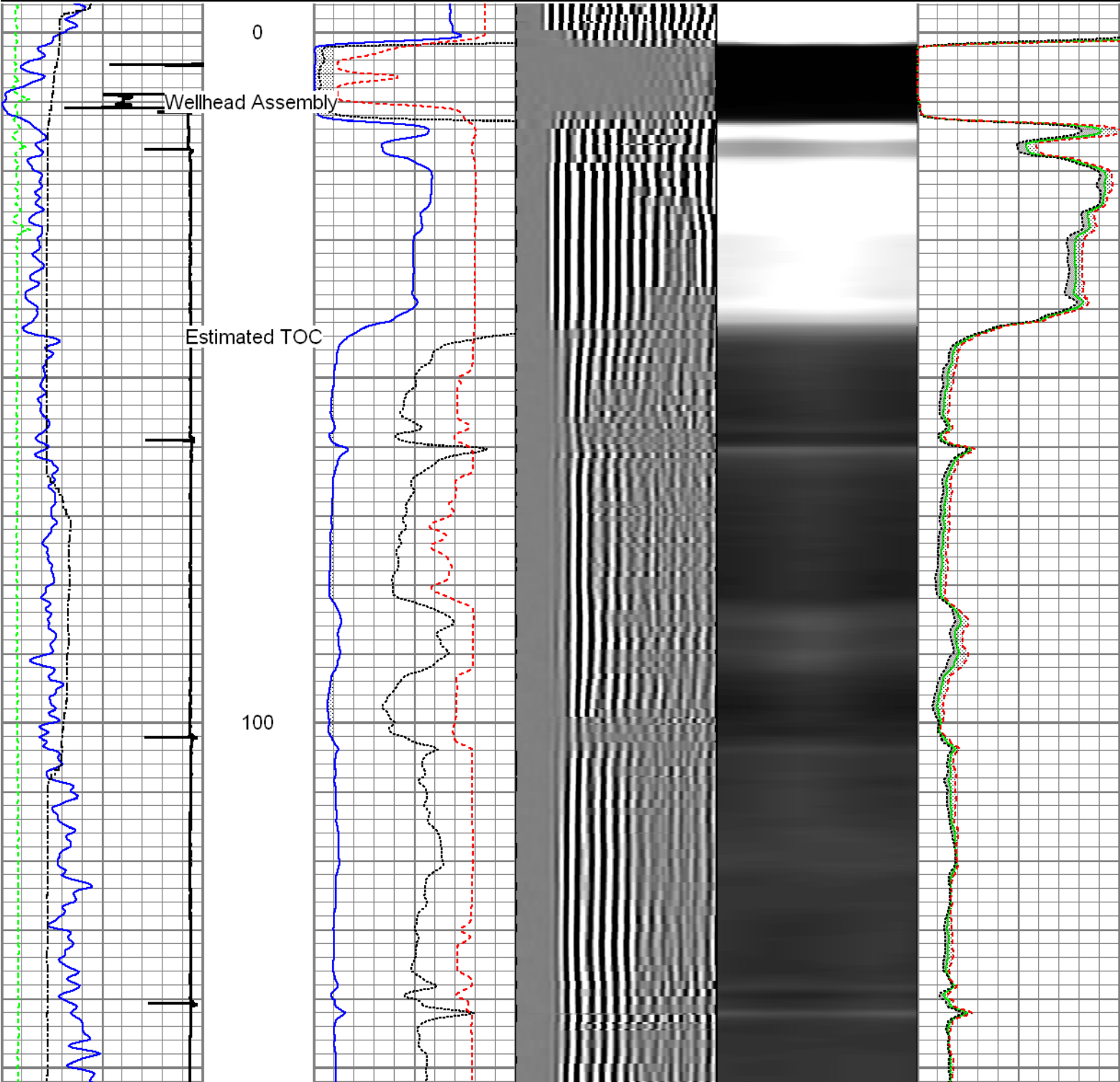


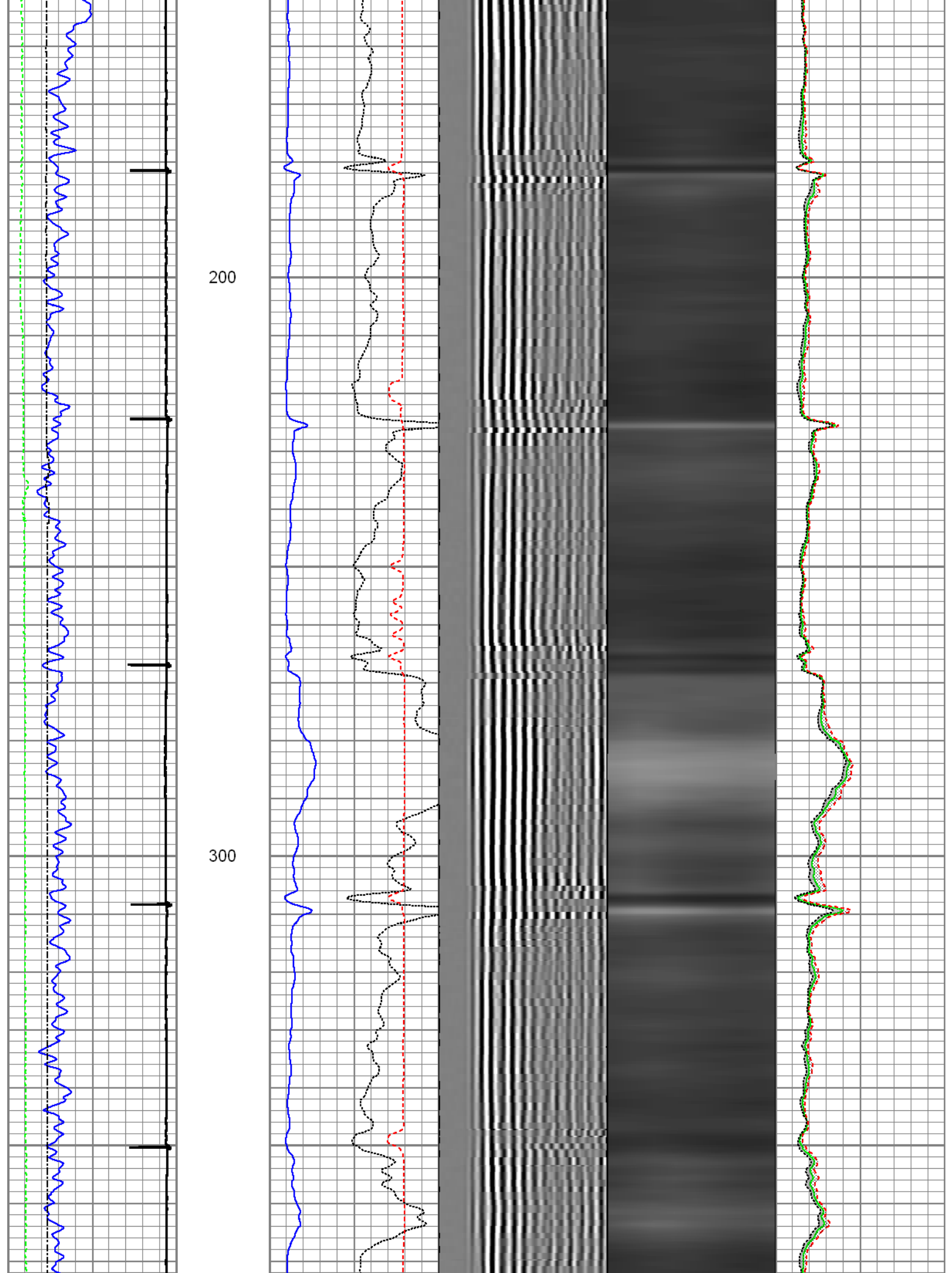
<<< Fold Here >>>
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible 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. Gauge Ring/Junk Basket ran to 5313 FT prior to log run. Retrievable Bridge Plug set at 5240 FT prior to log run. Log ran from 5230' FT to surface. Log Ran with 2500 PSI surface induced pressure.
Thank you for choosing FMC Technologies Completion Services, Inc.!!

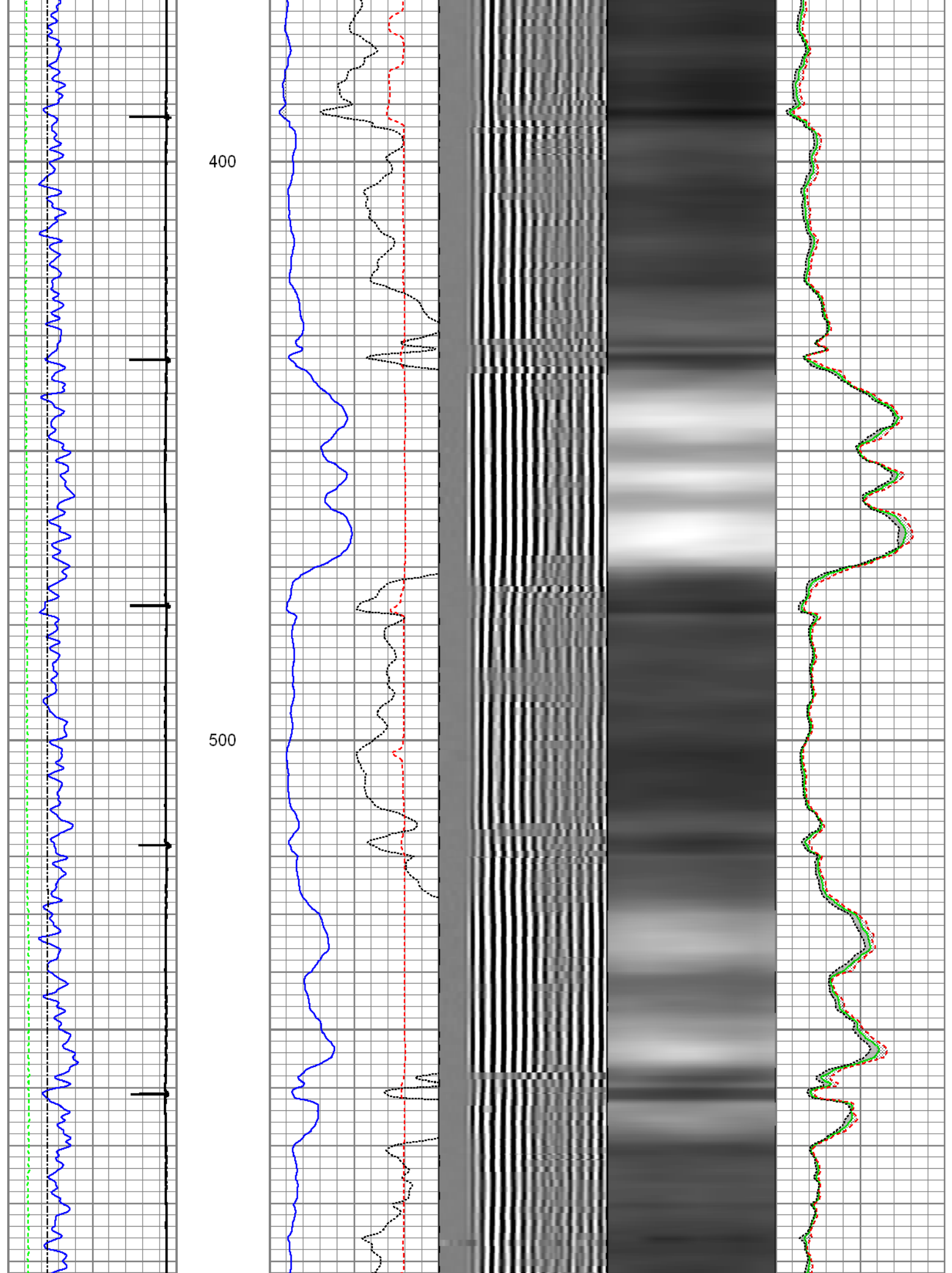


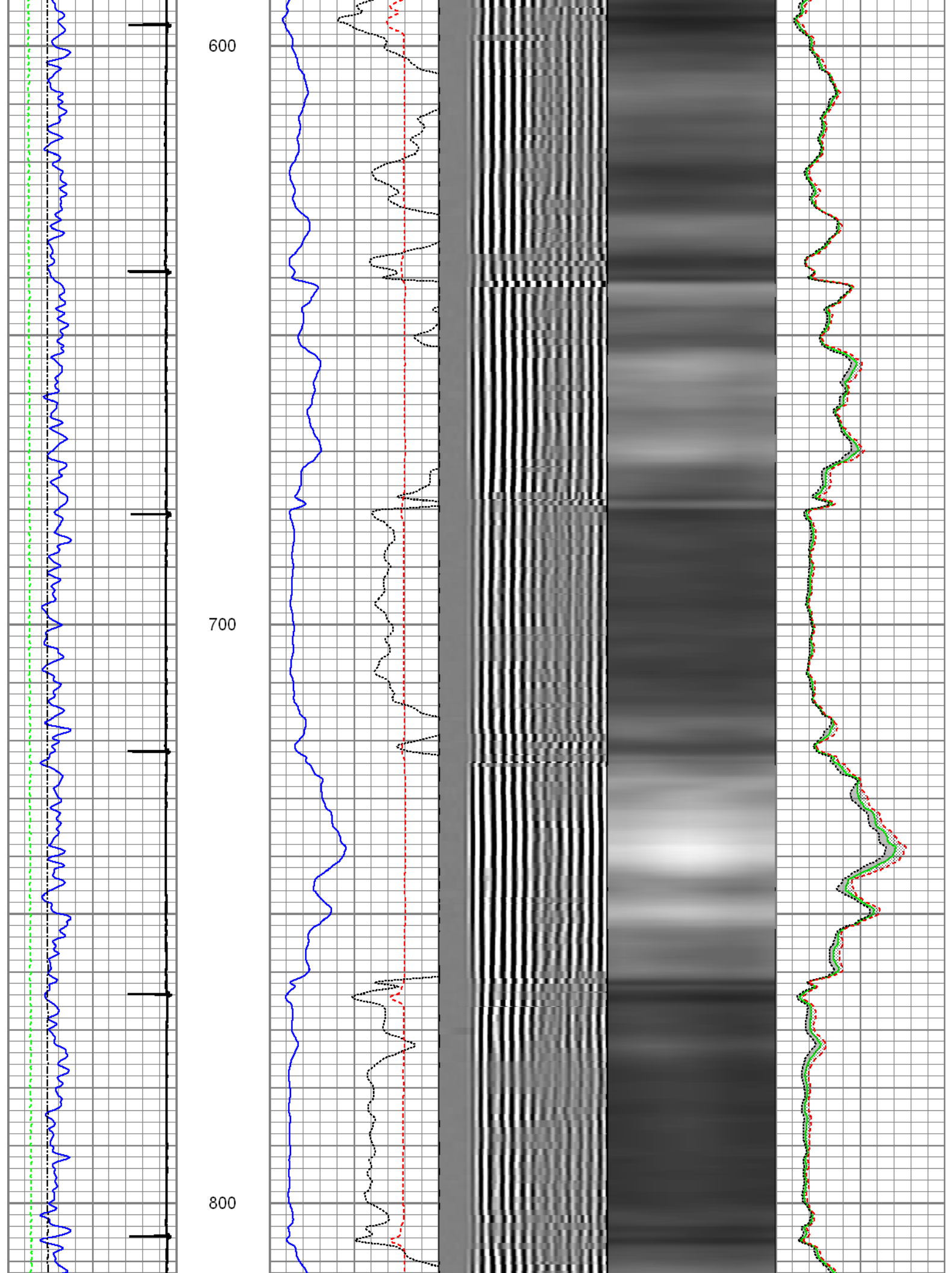
Database File: 08-06-14_whiting_razor_25b-2251_mit_rbl.db
Dataset Pathname: main51
Presentation Format: rbt4_mit
Dataset Creation: Wed Aug 06 15:18:34 2014 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

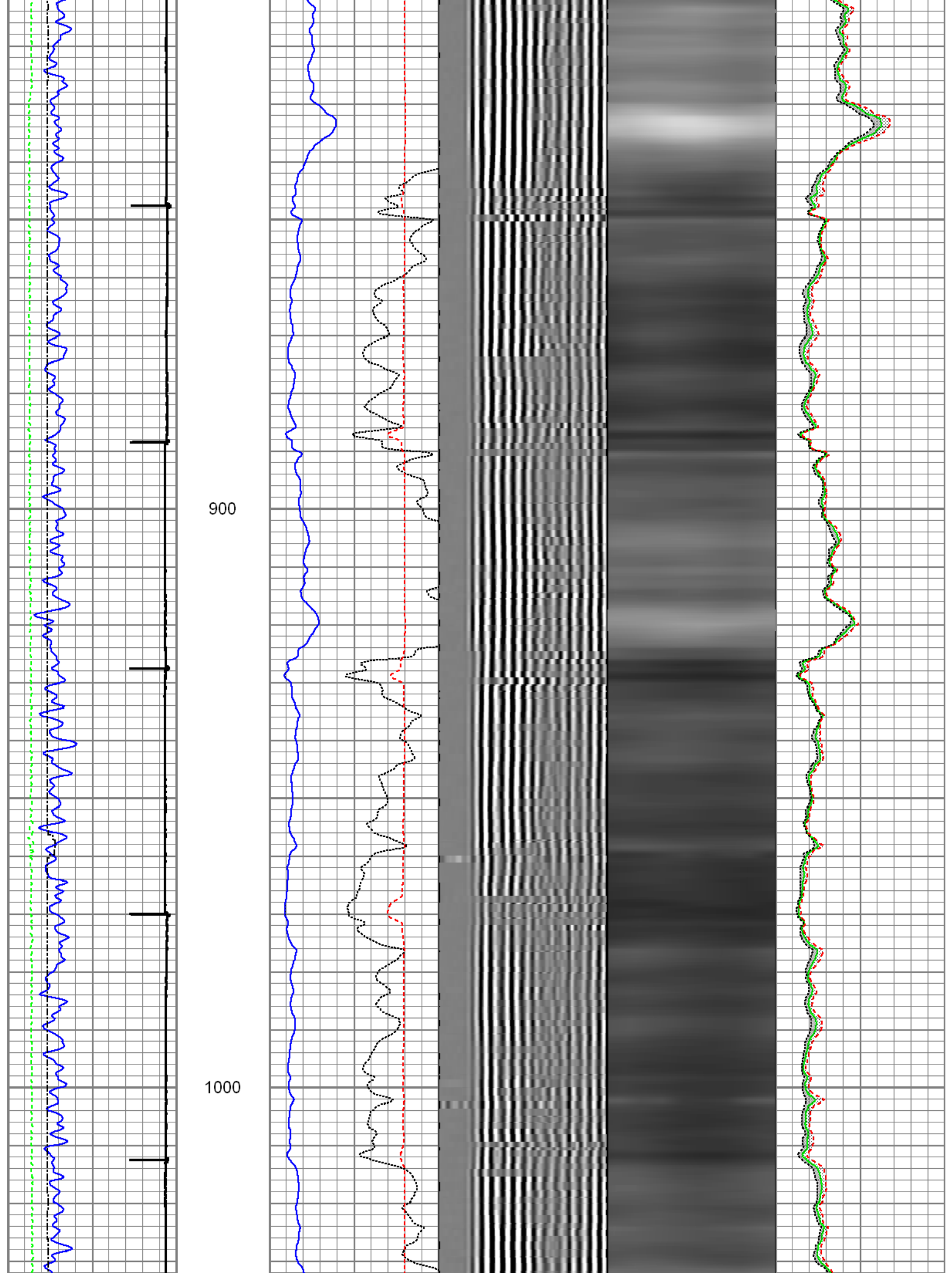
Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 120	0 (mV) 100	200 1200		0 100
Casing Collar Locator	3' Amplitude x 5			Minimum Amplitude
Line Speed	0 (mV) 20			0 100
-100 (ft/min) 100	3' Travel Time			Maximum Amplitude
Line Tension	650 (usec) 150			0 100
0 (lb) 2000				

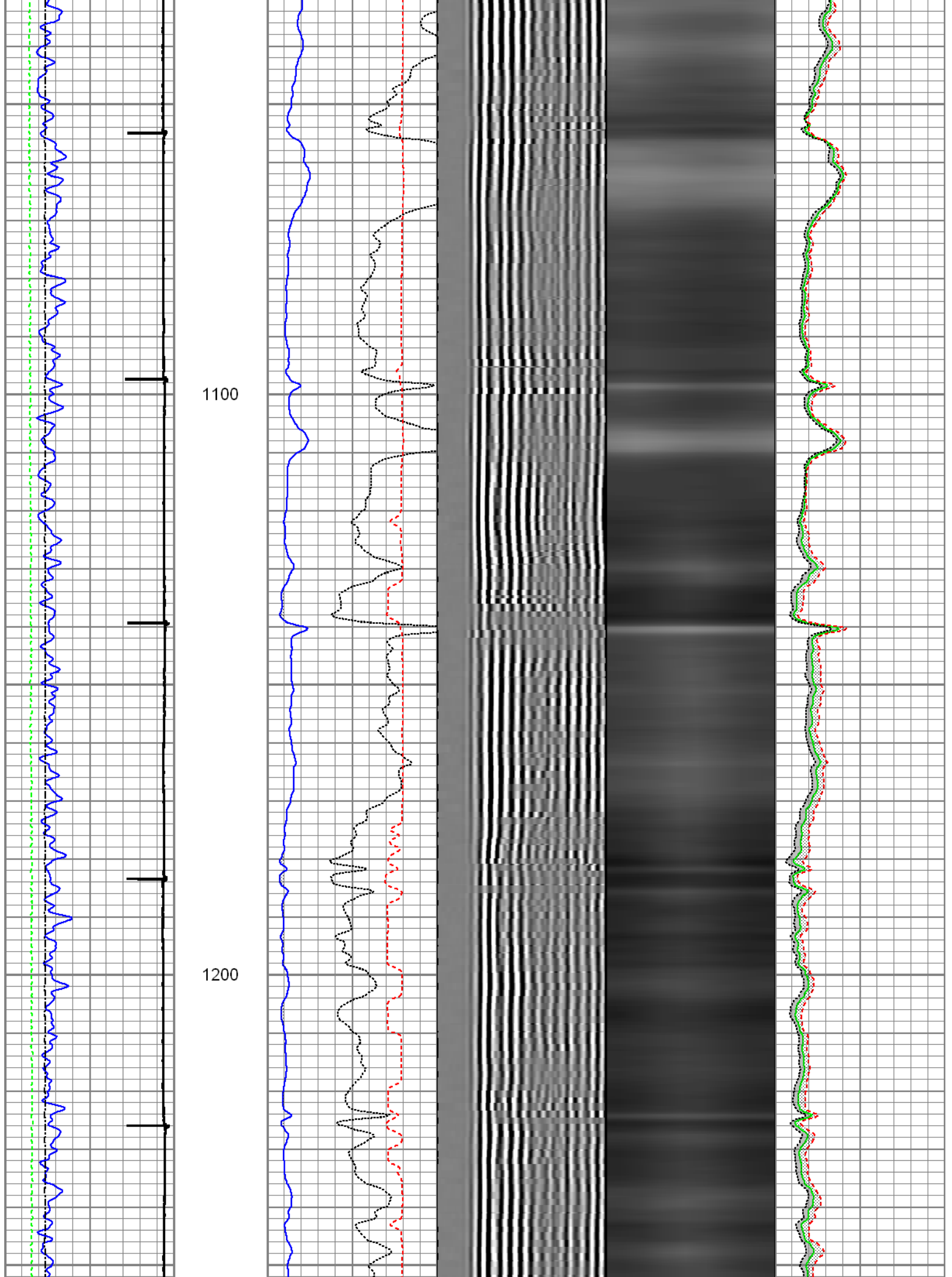


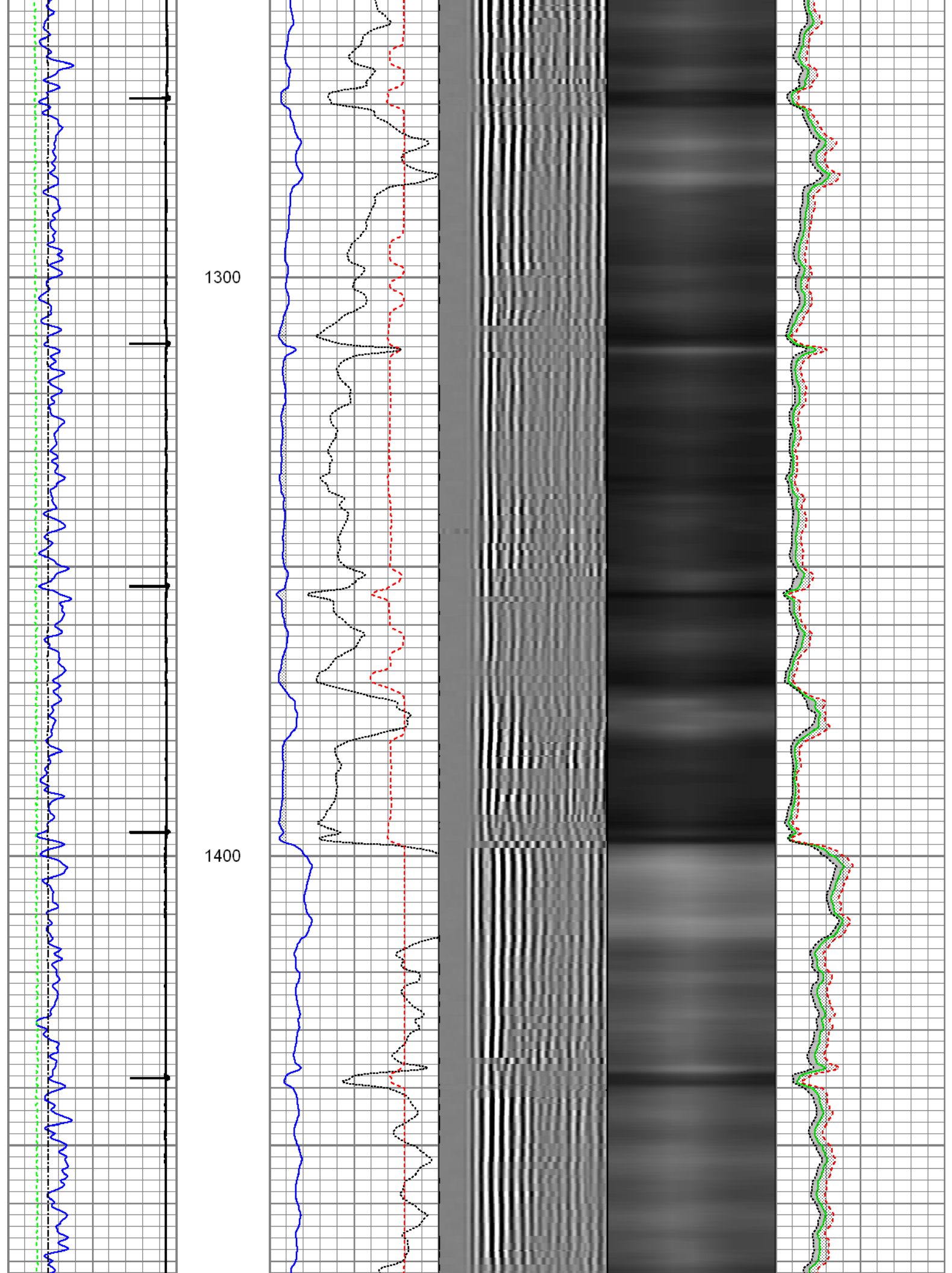


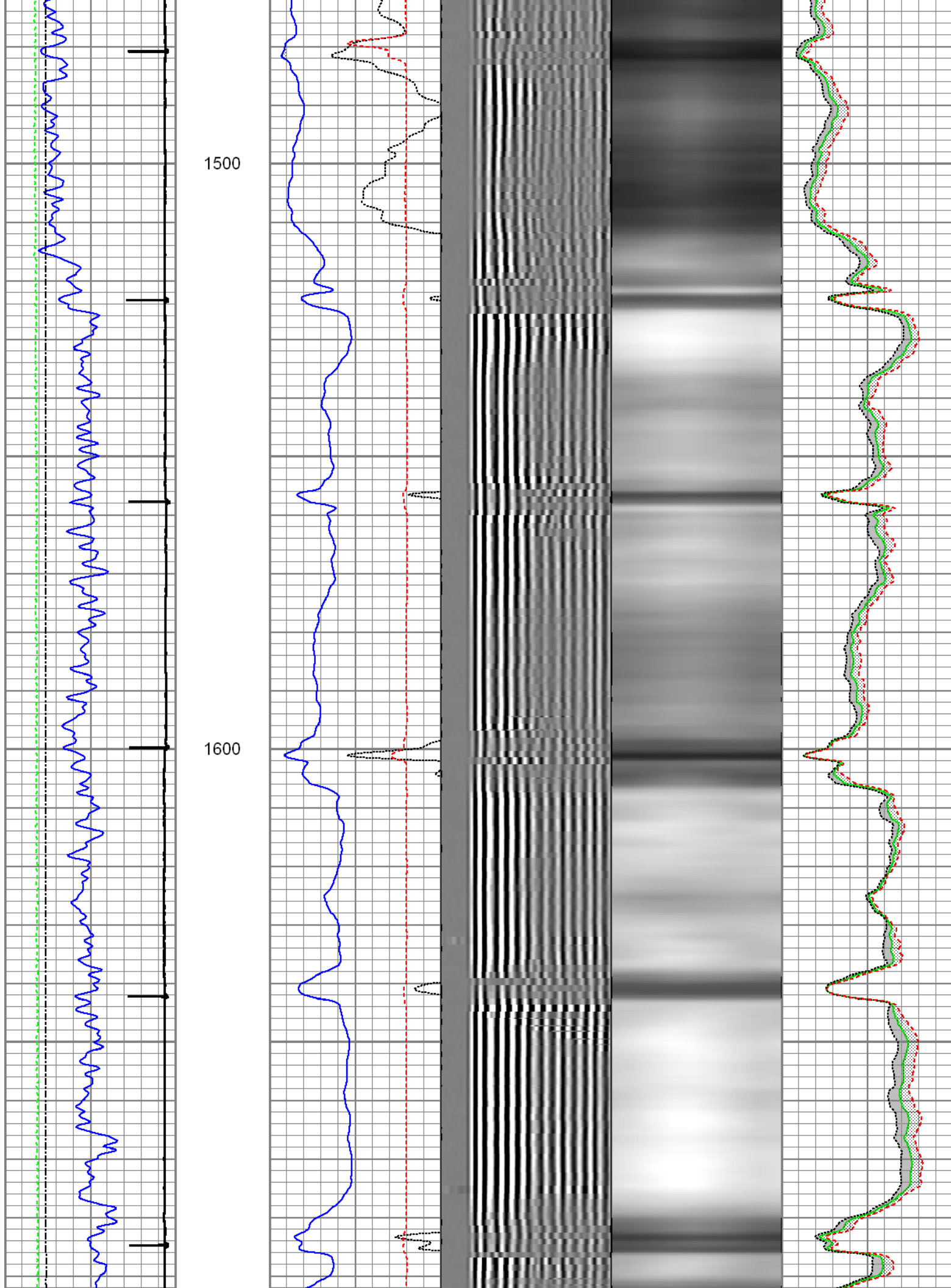


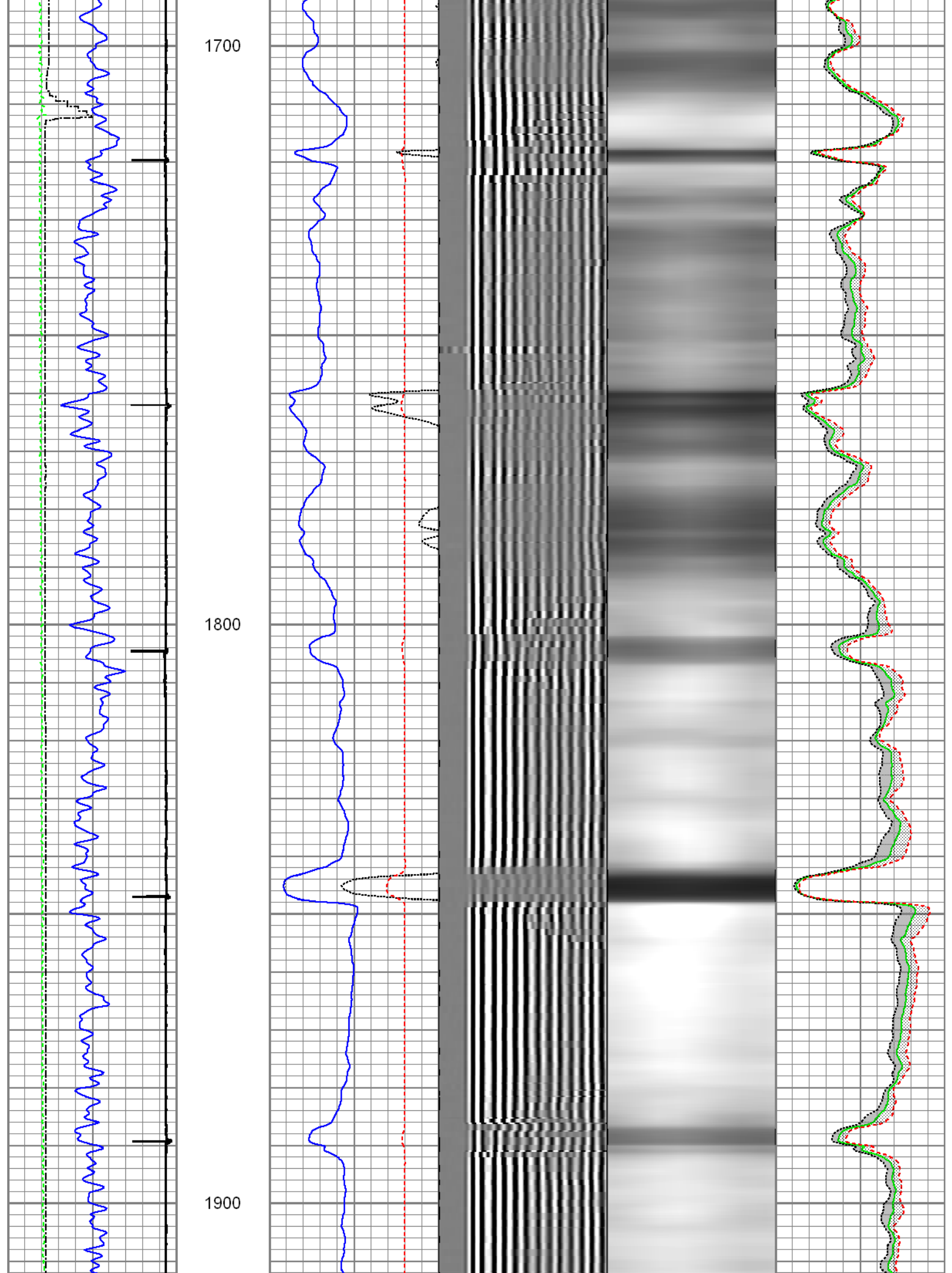


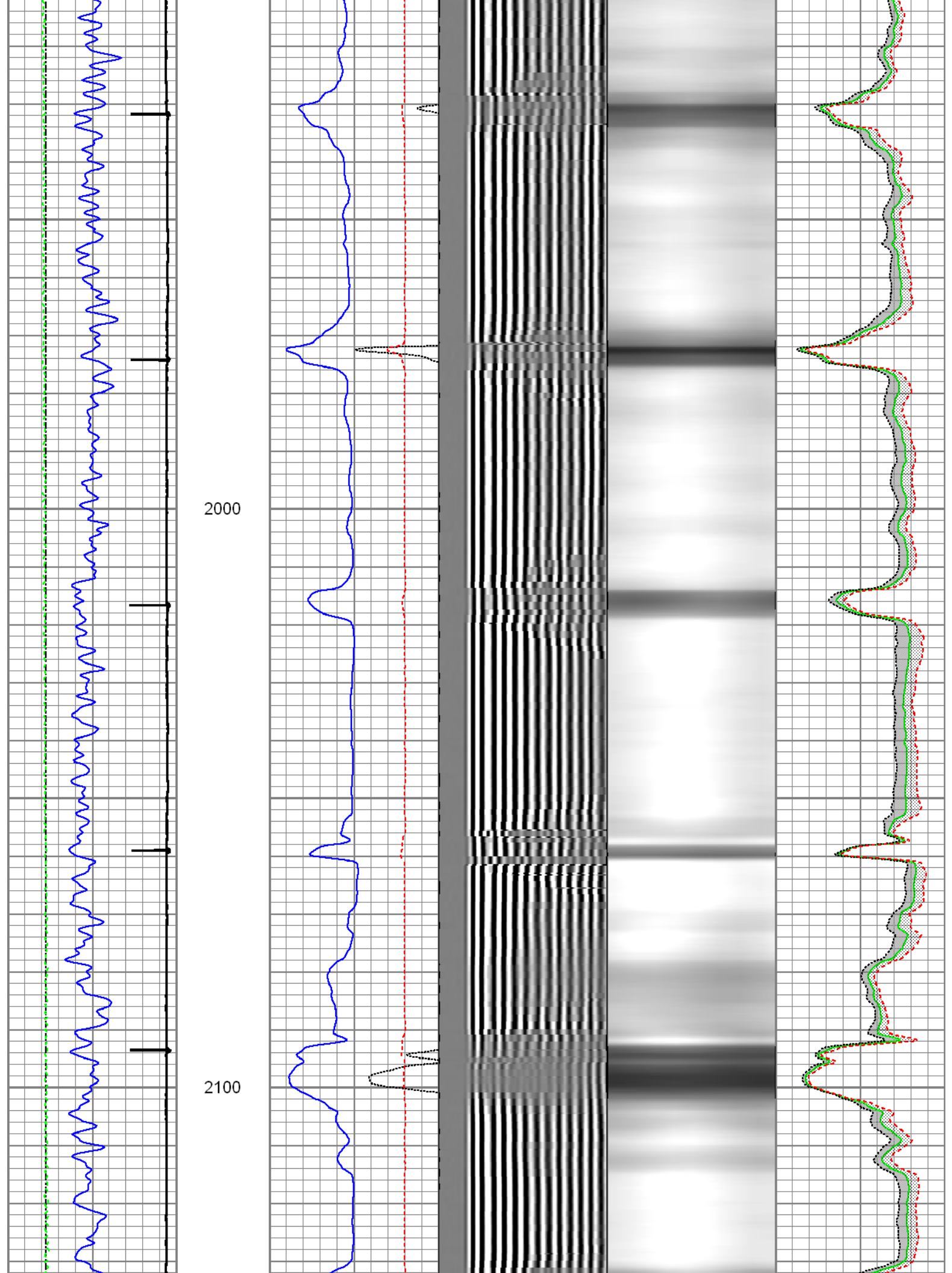






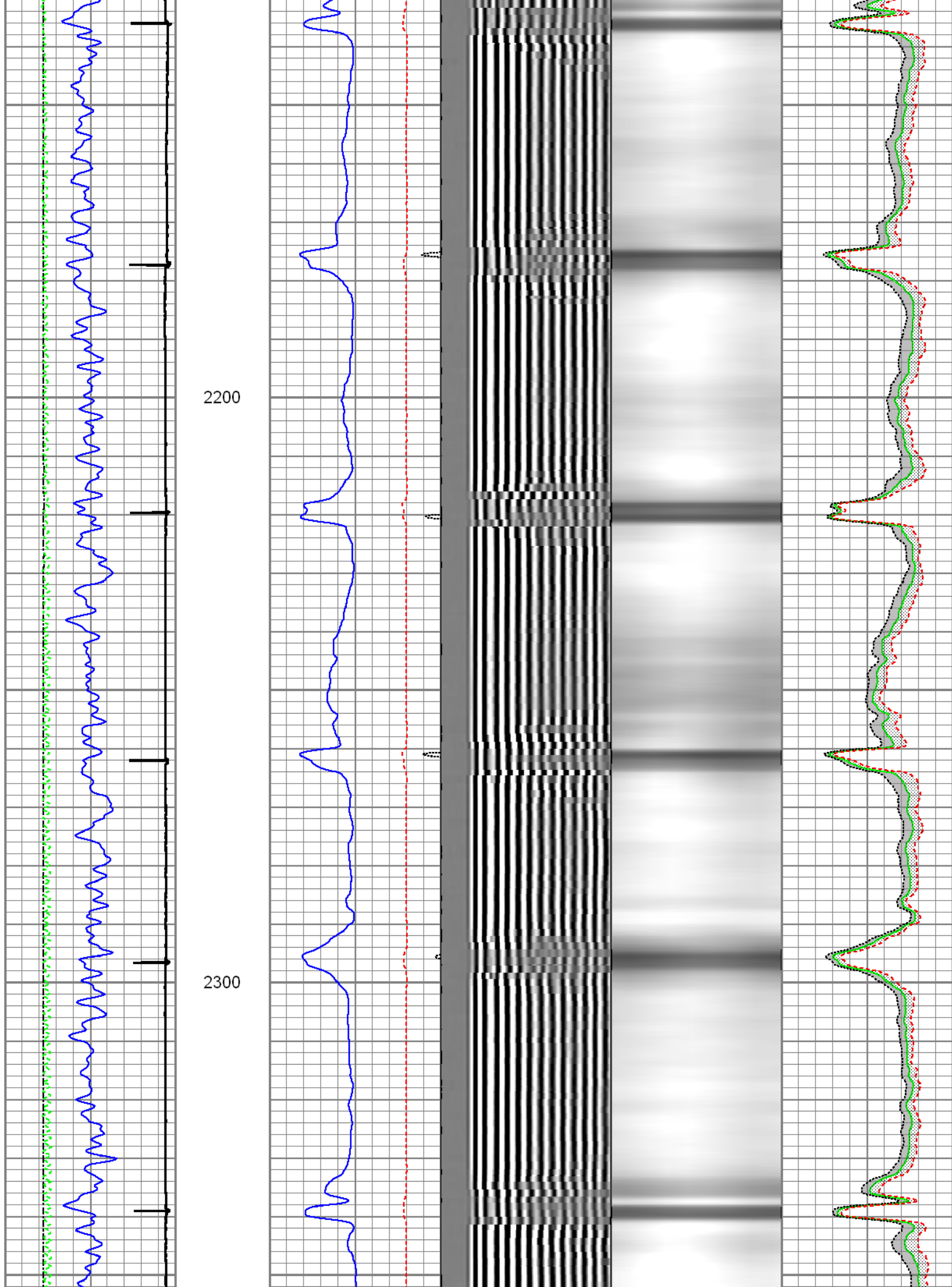


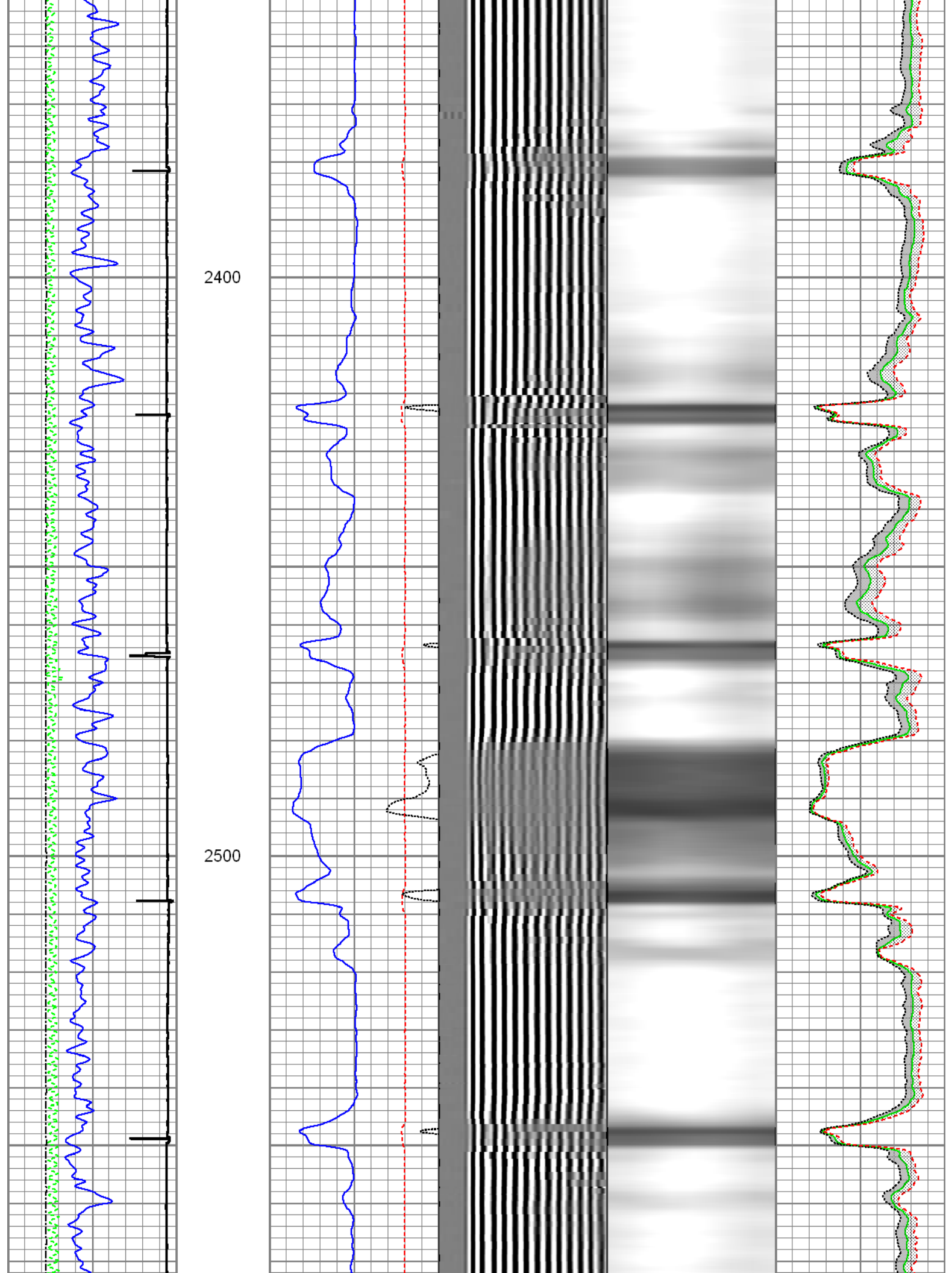


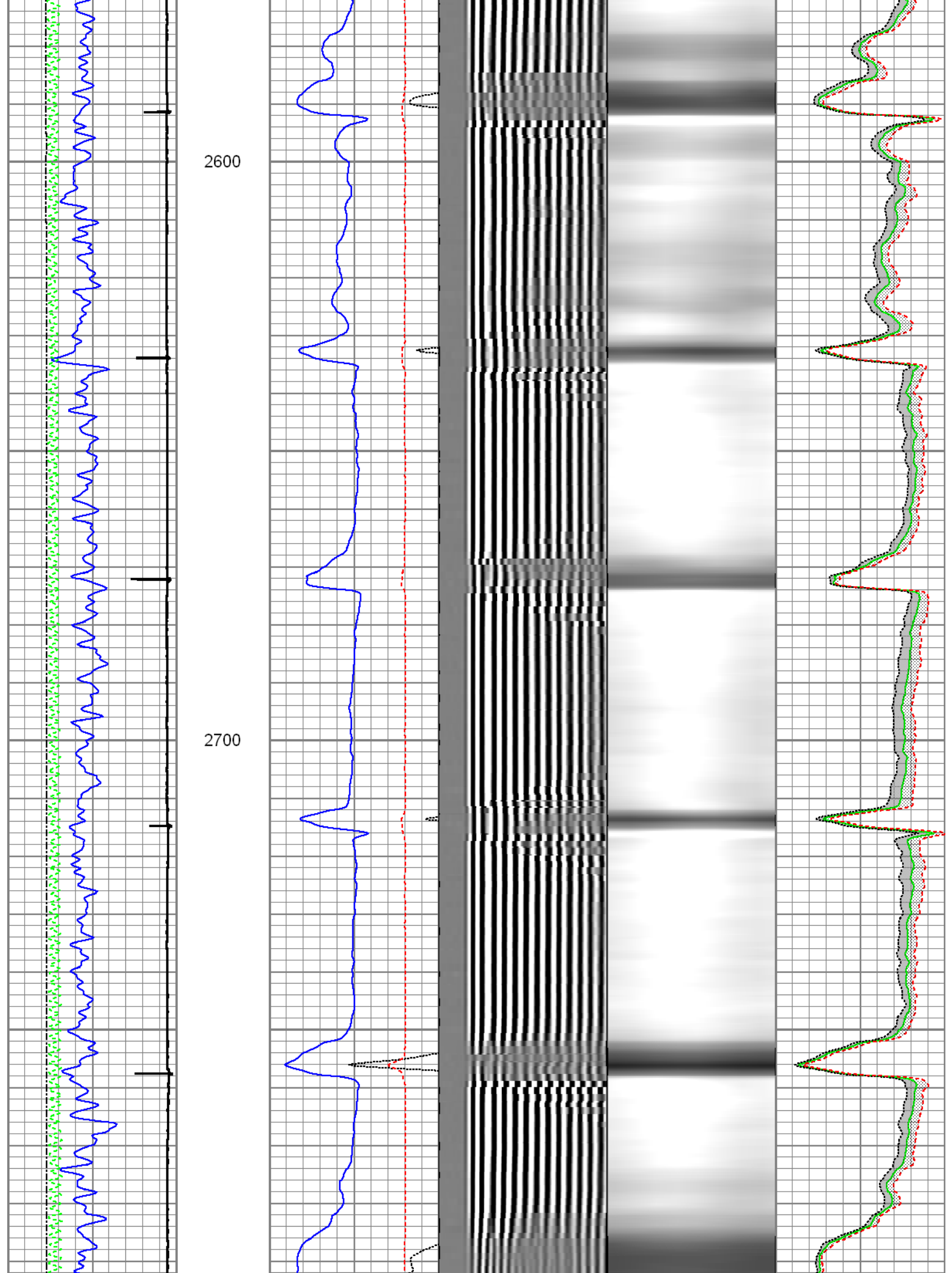


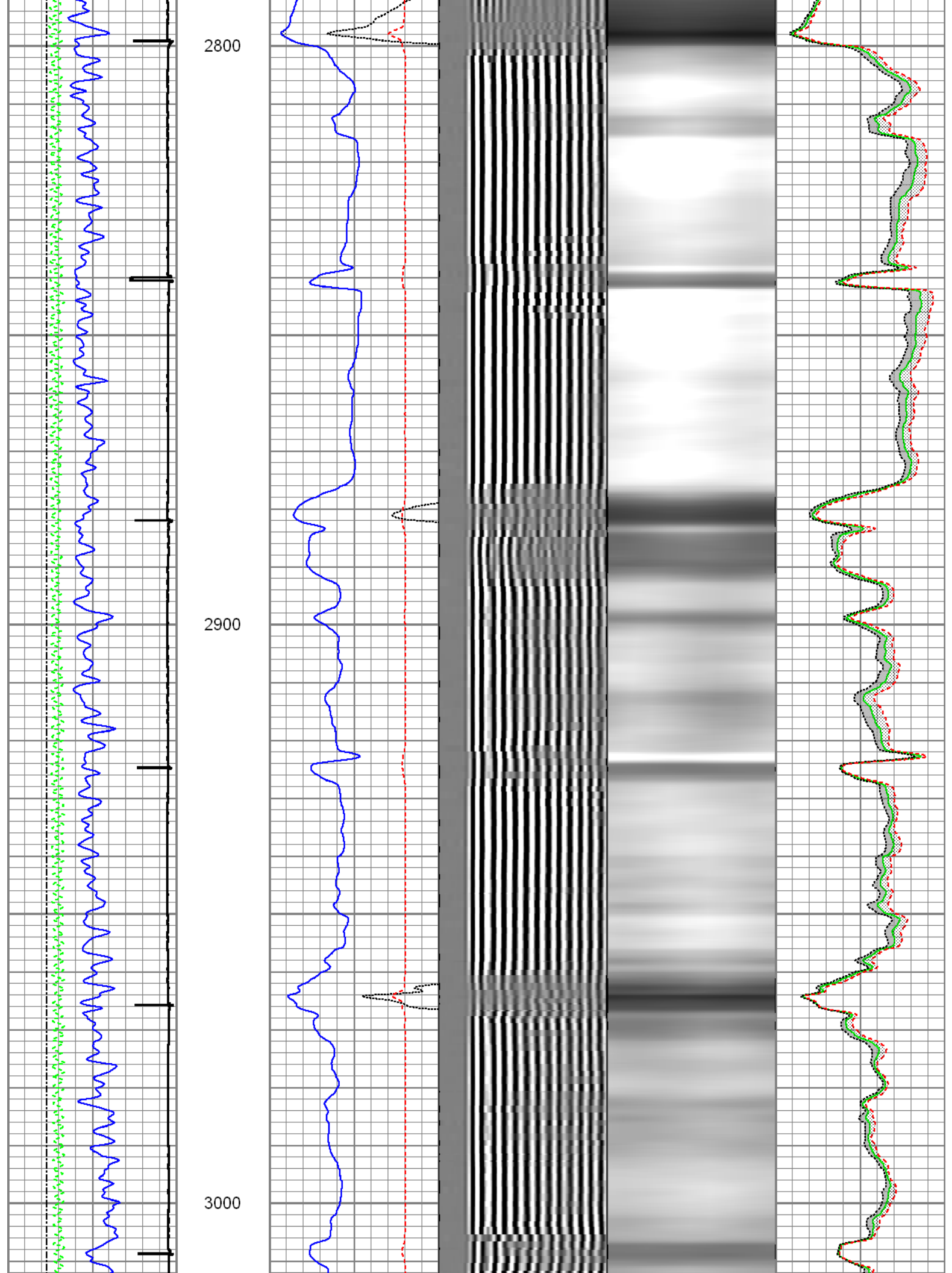
2200

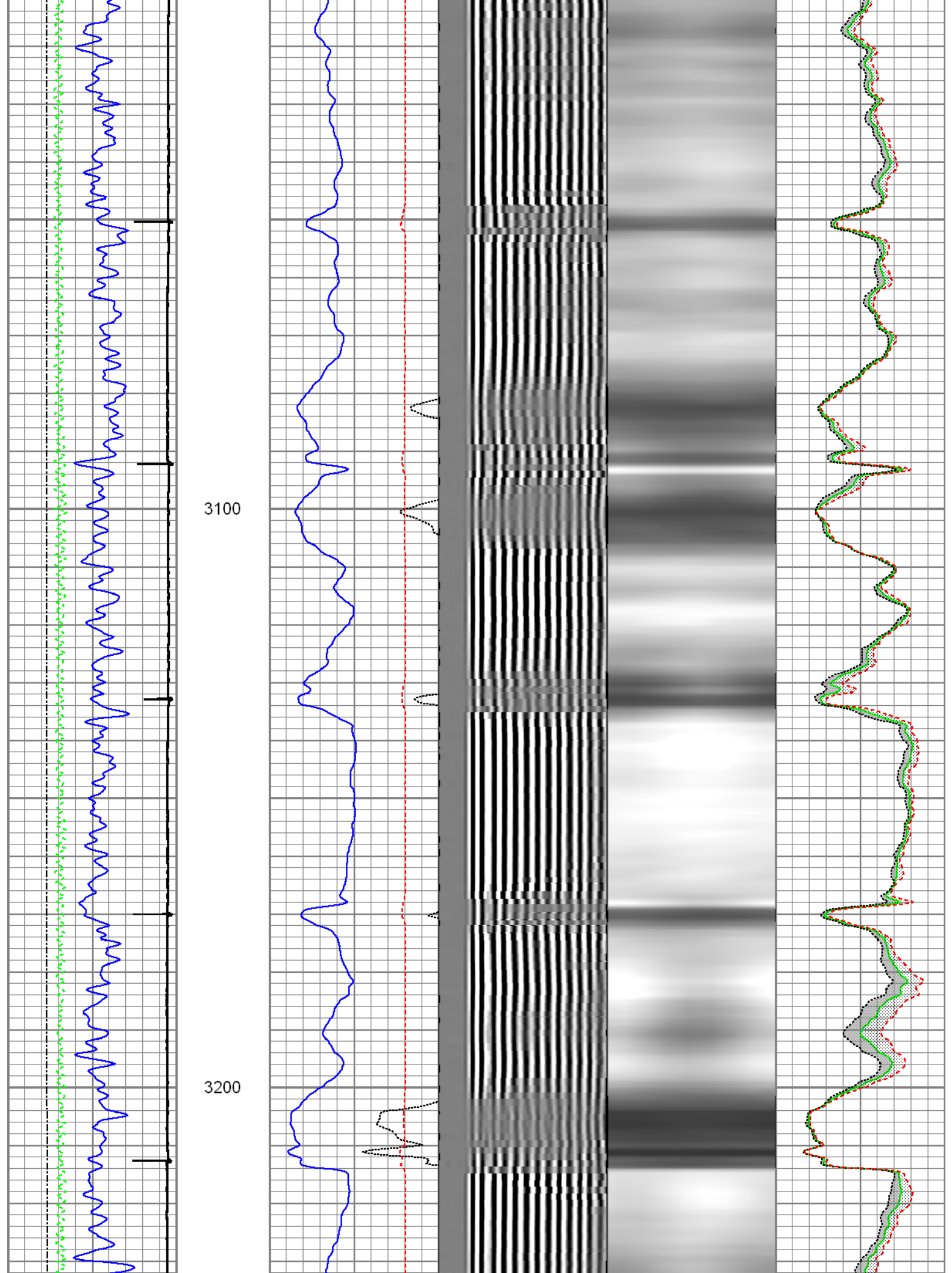
2300

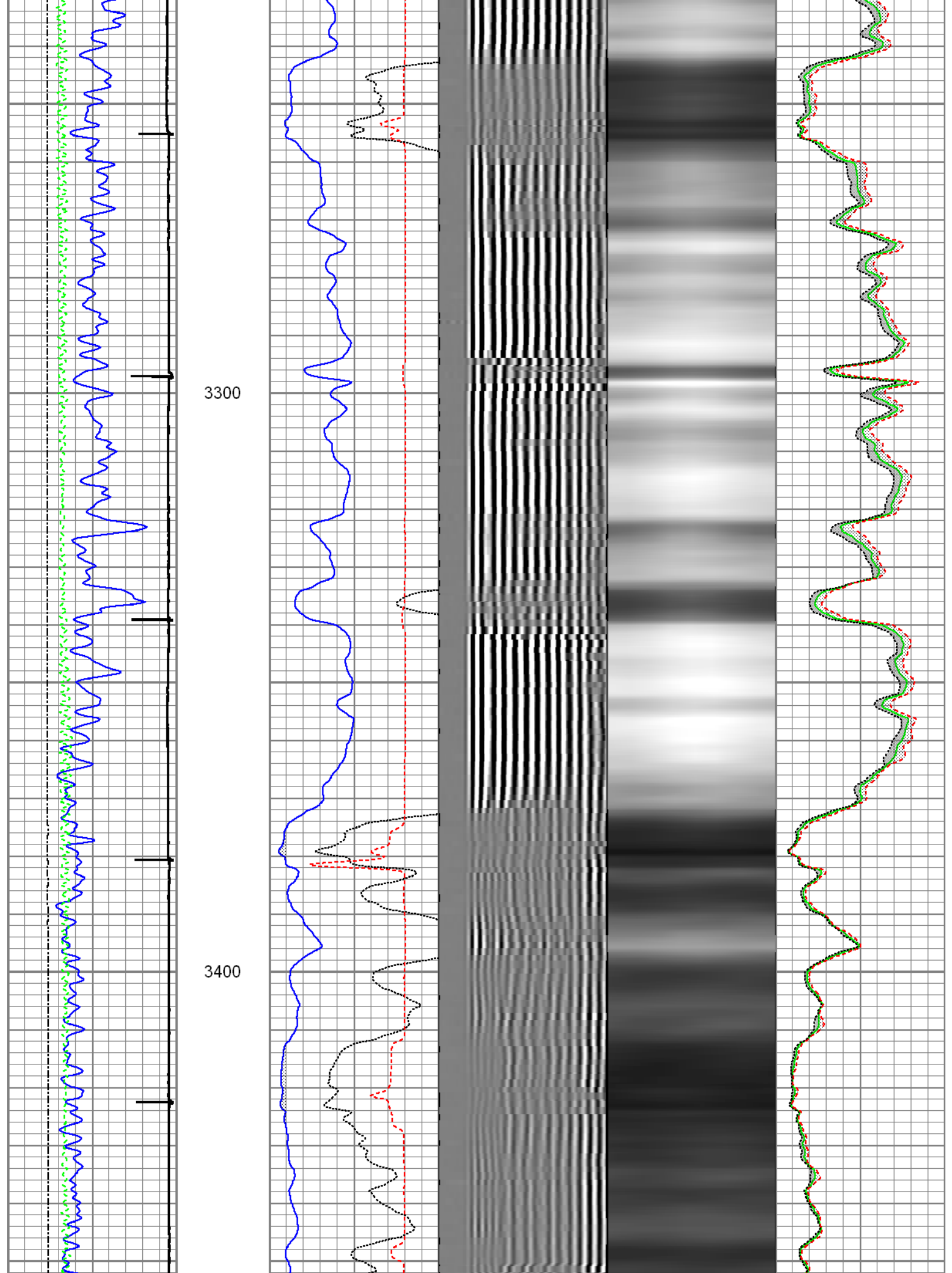


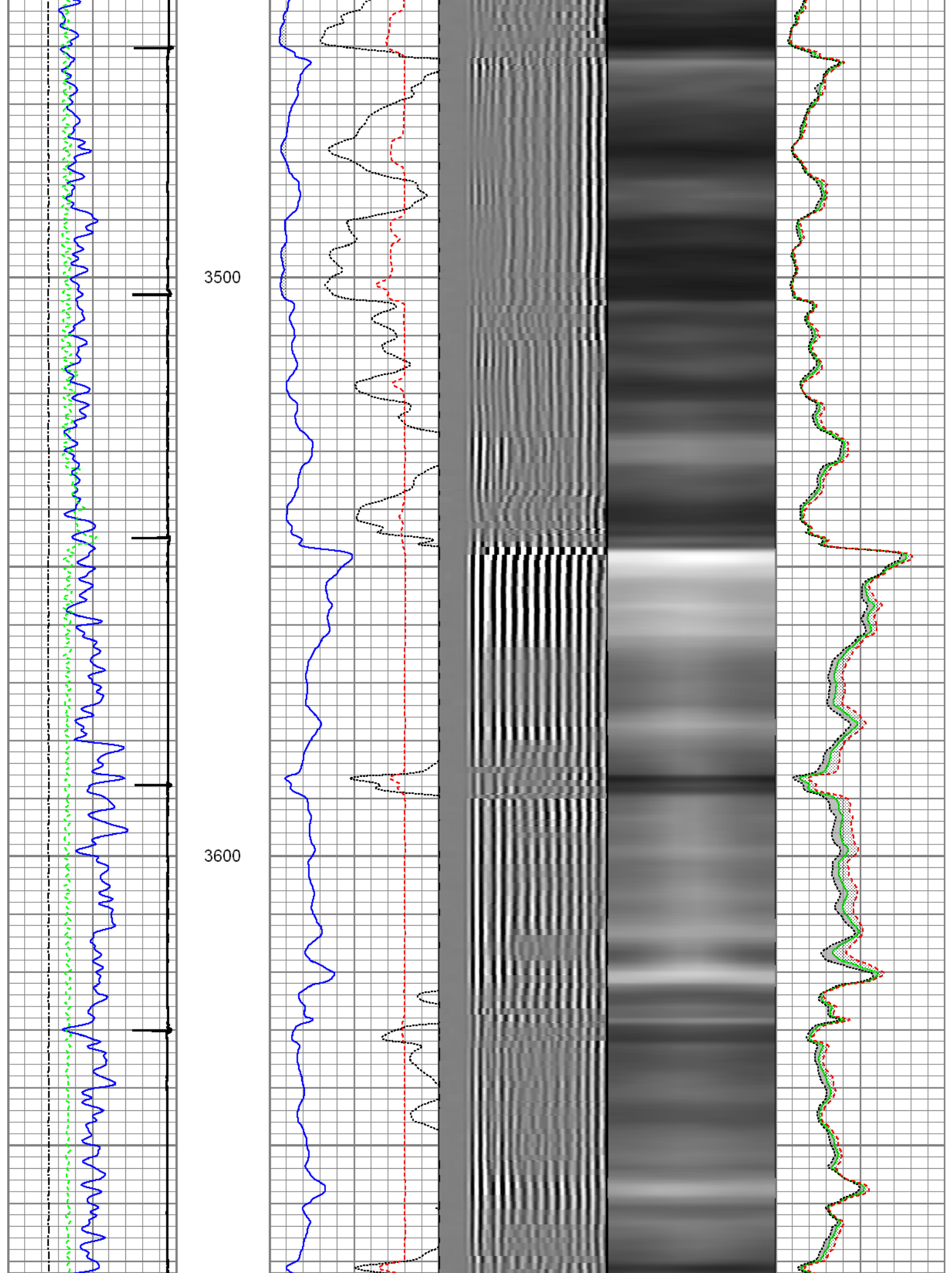






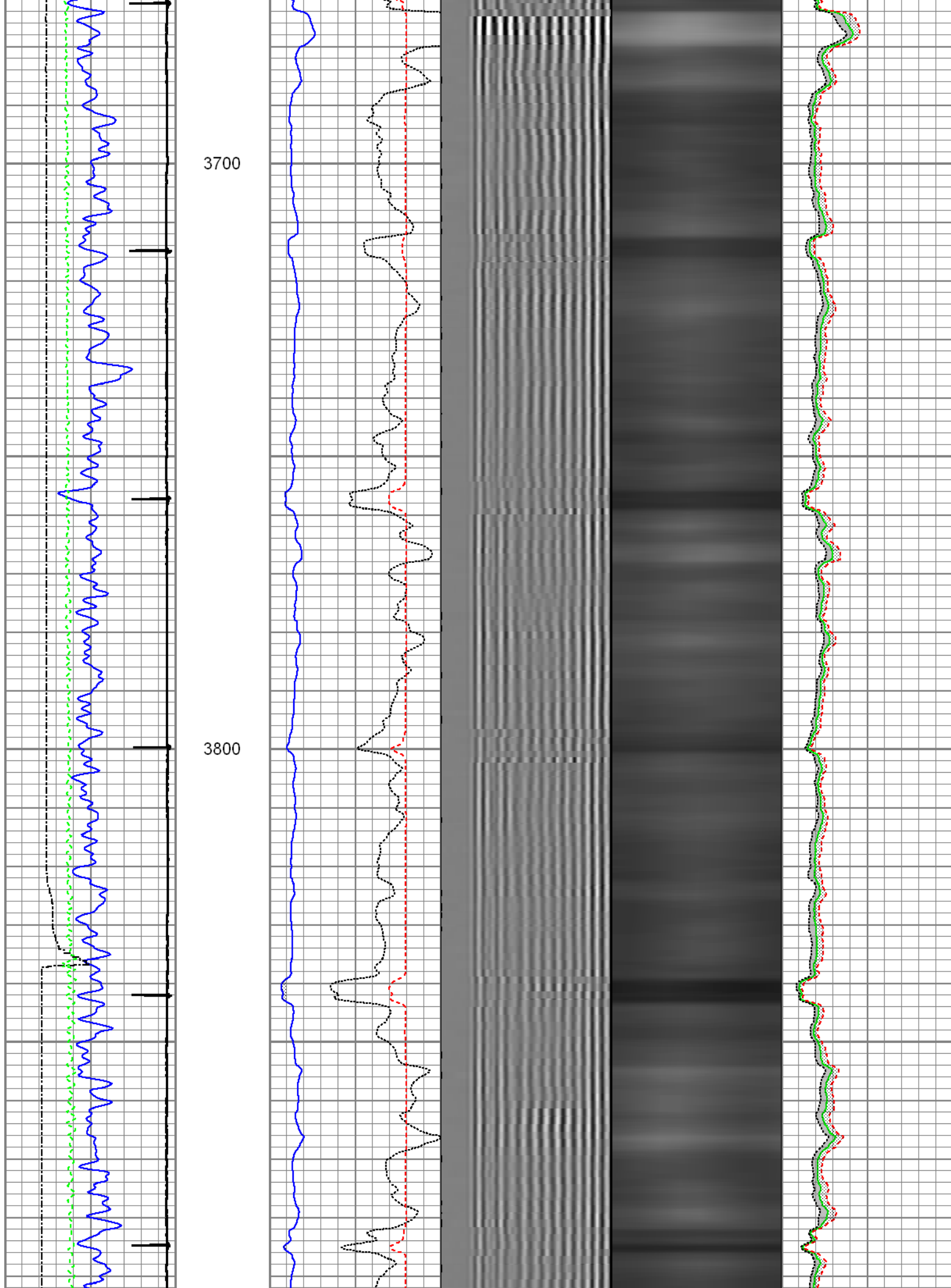


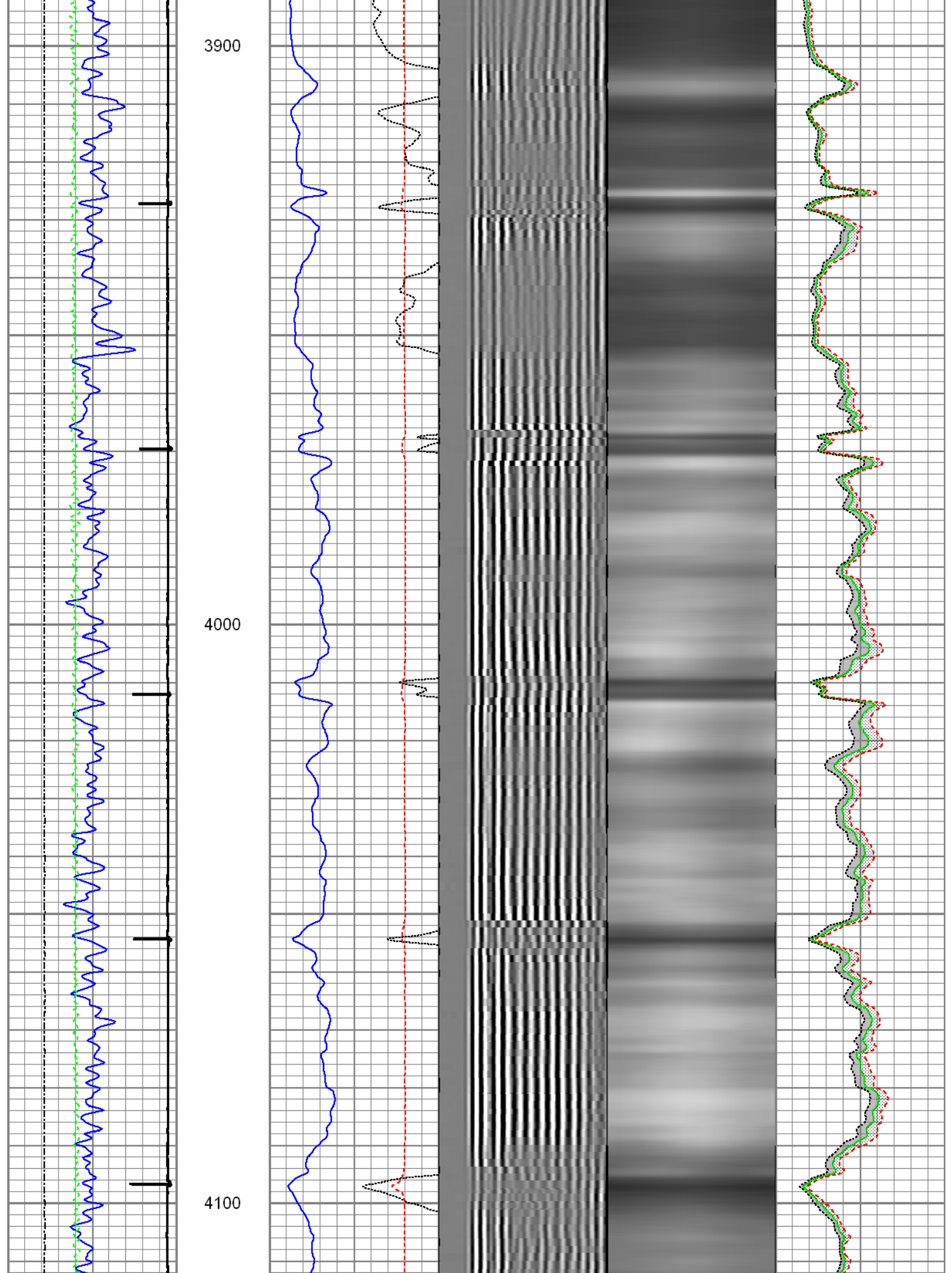


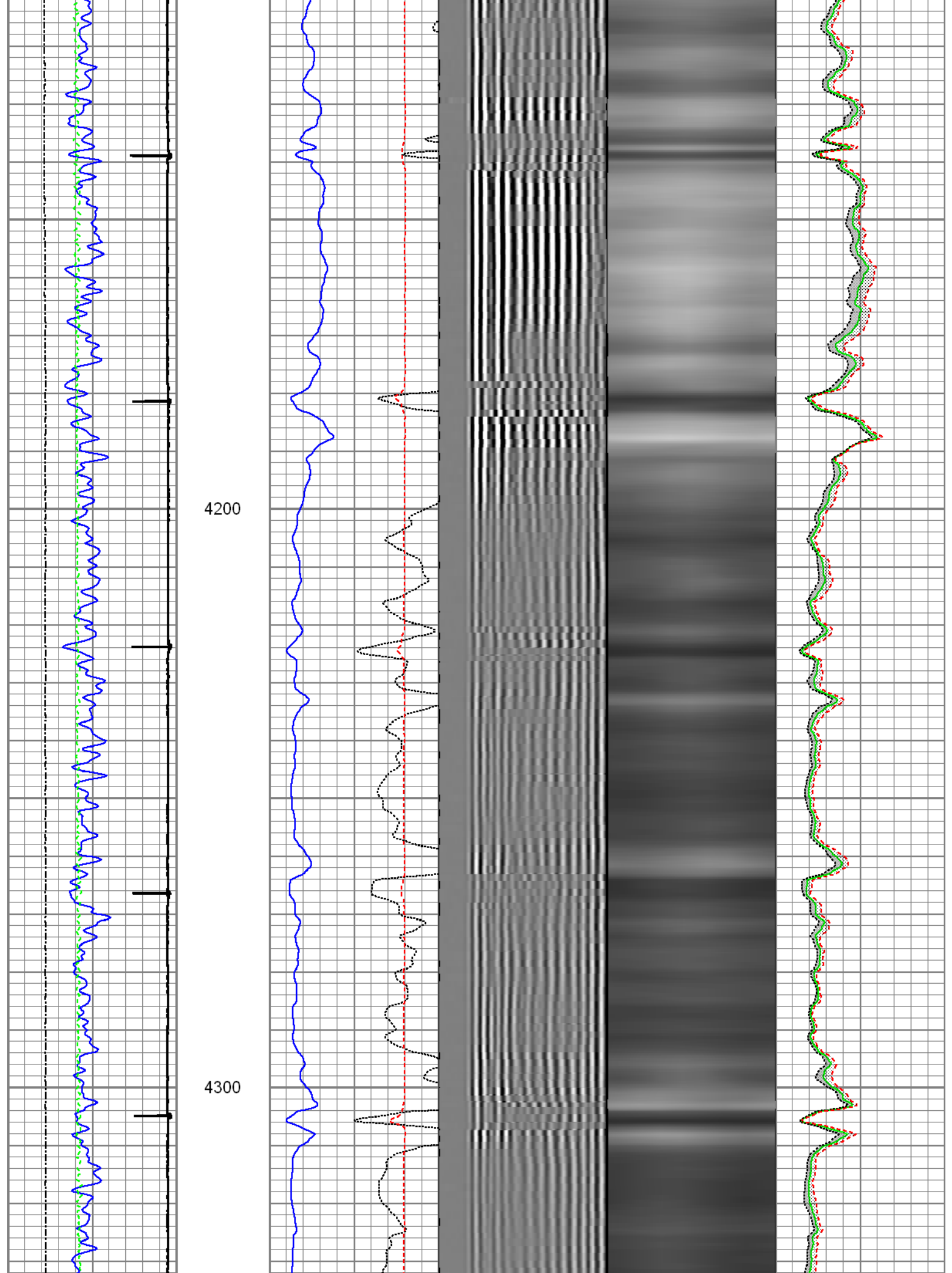


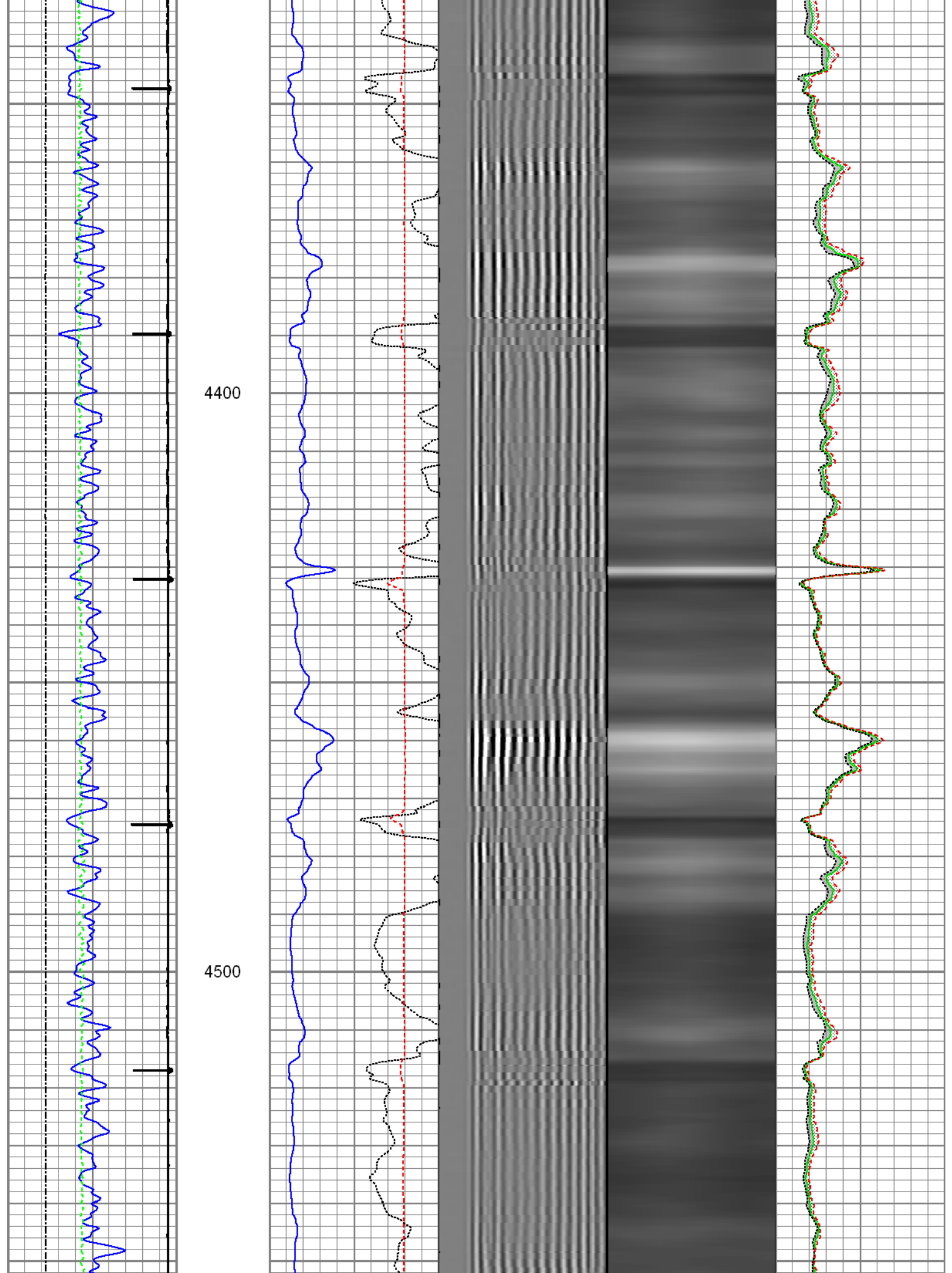
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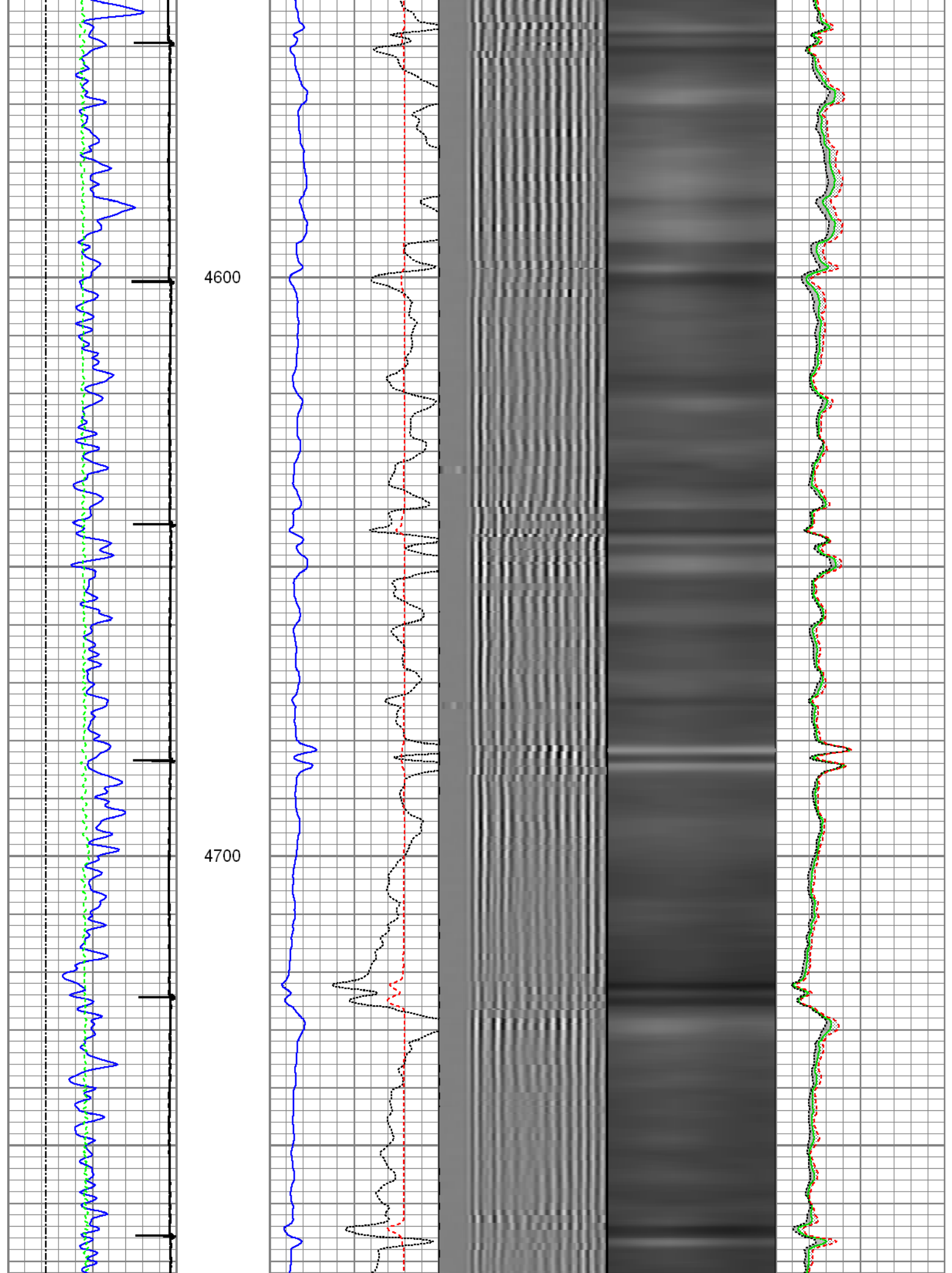
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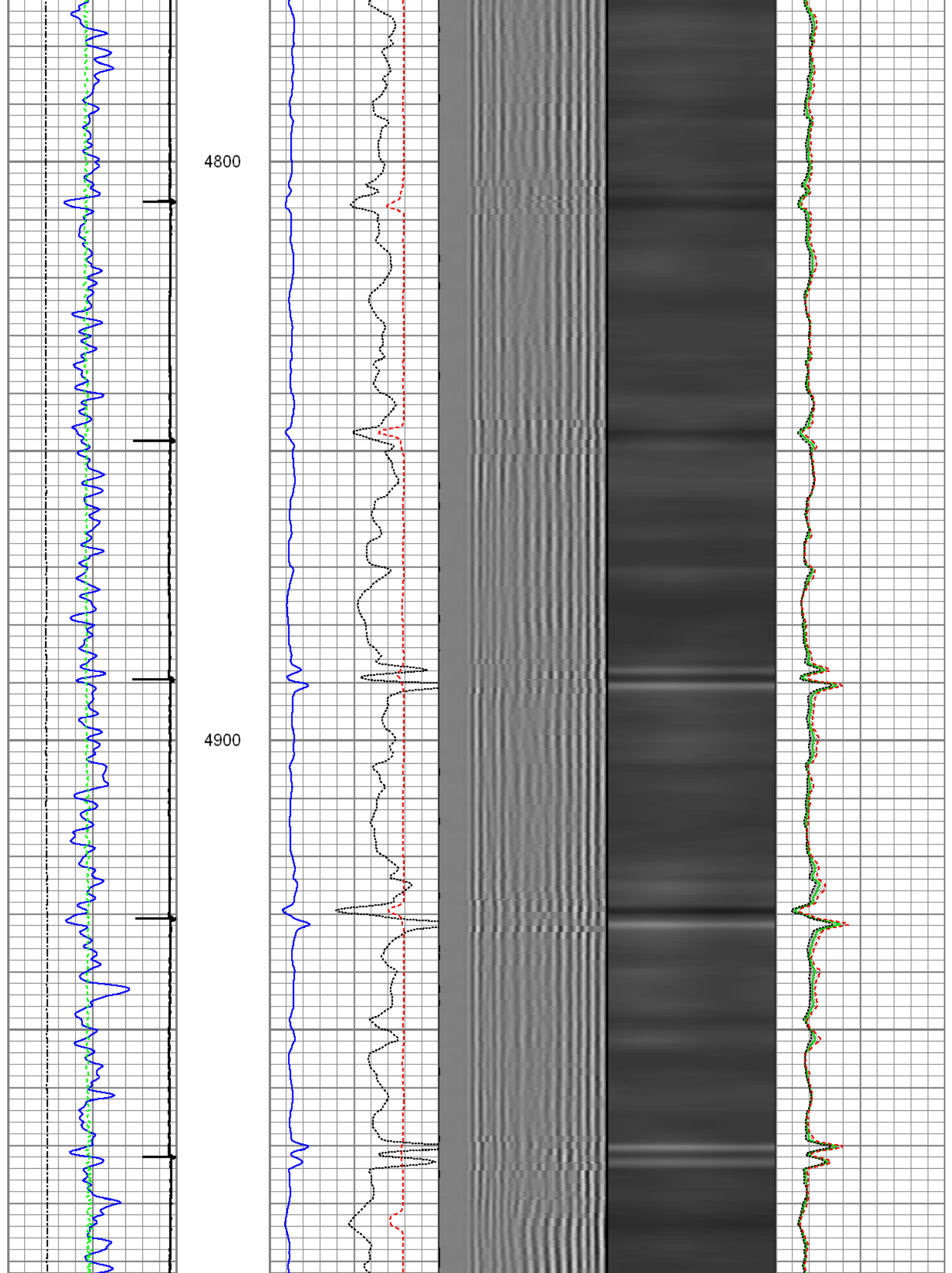


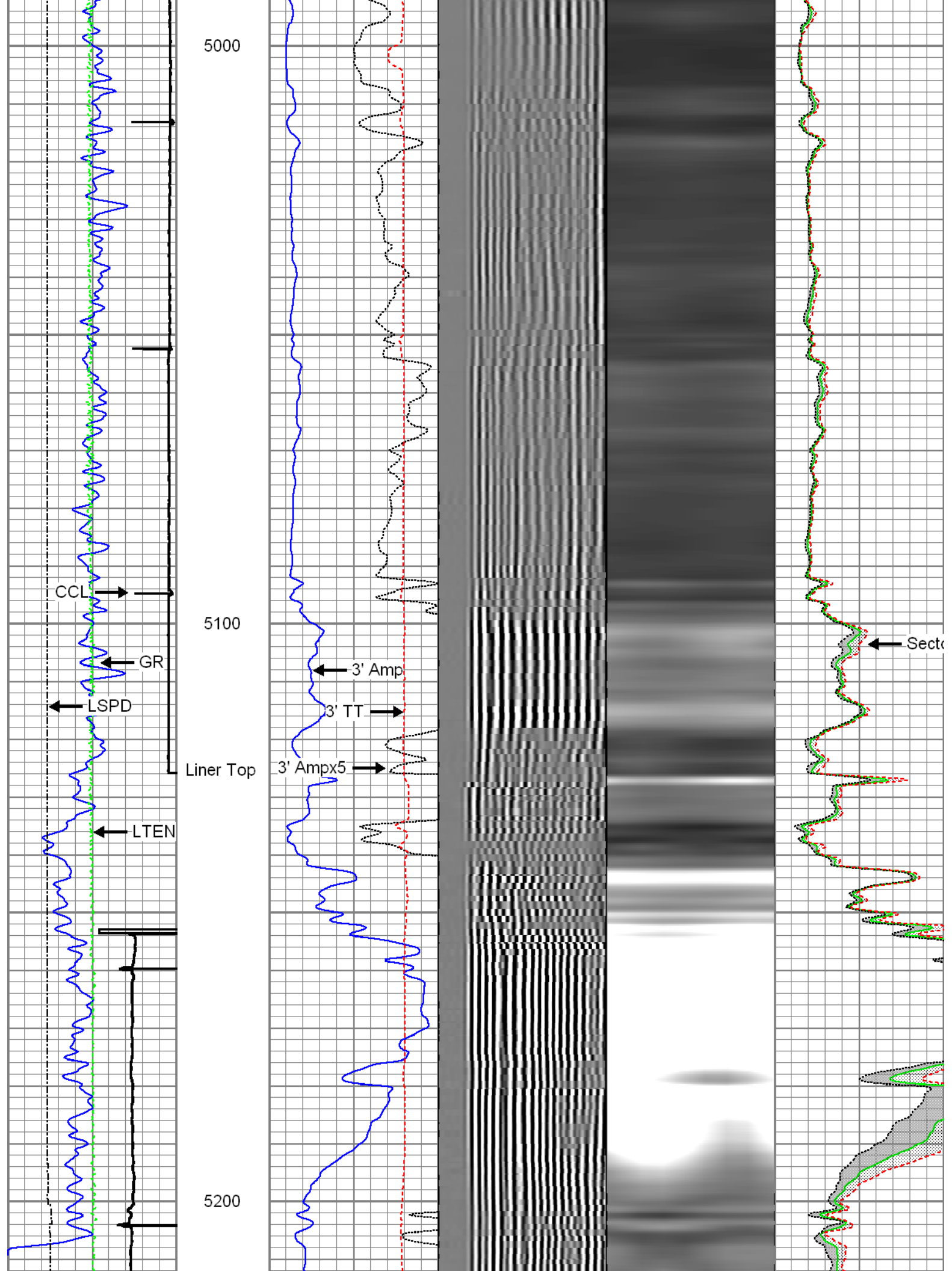


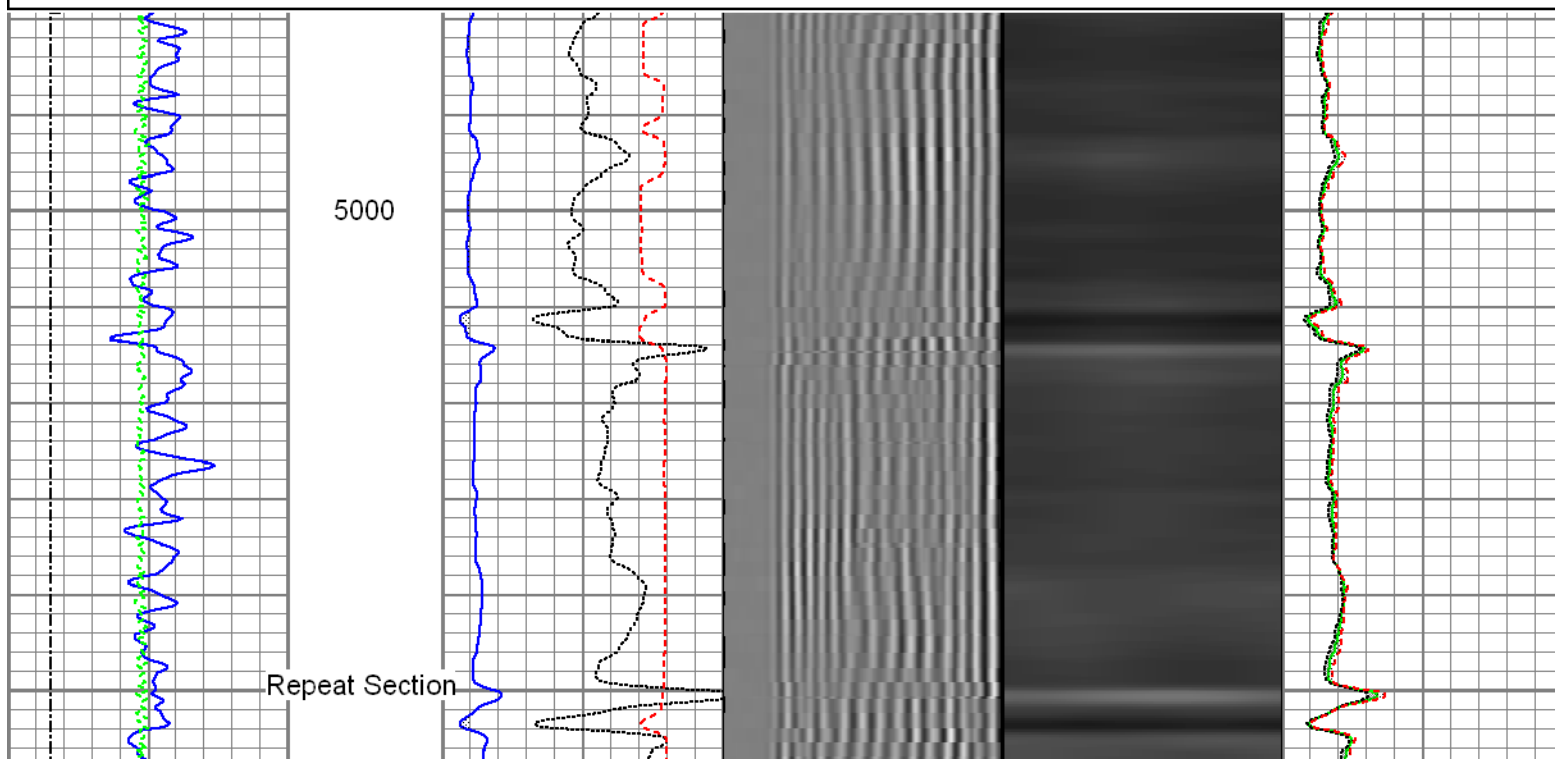
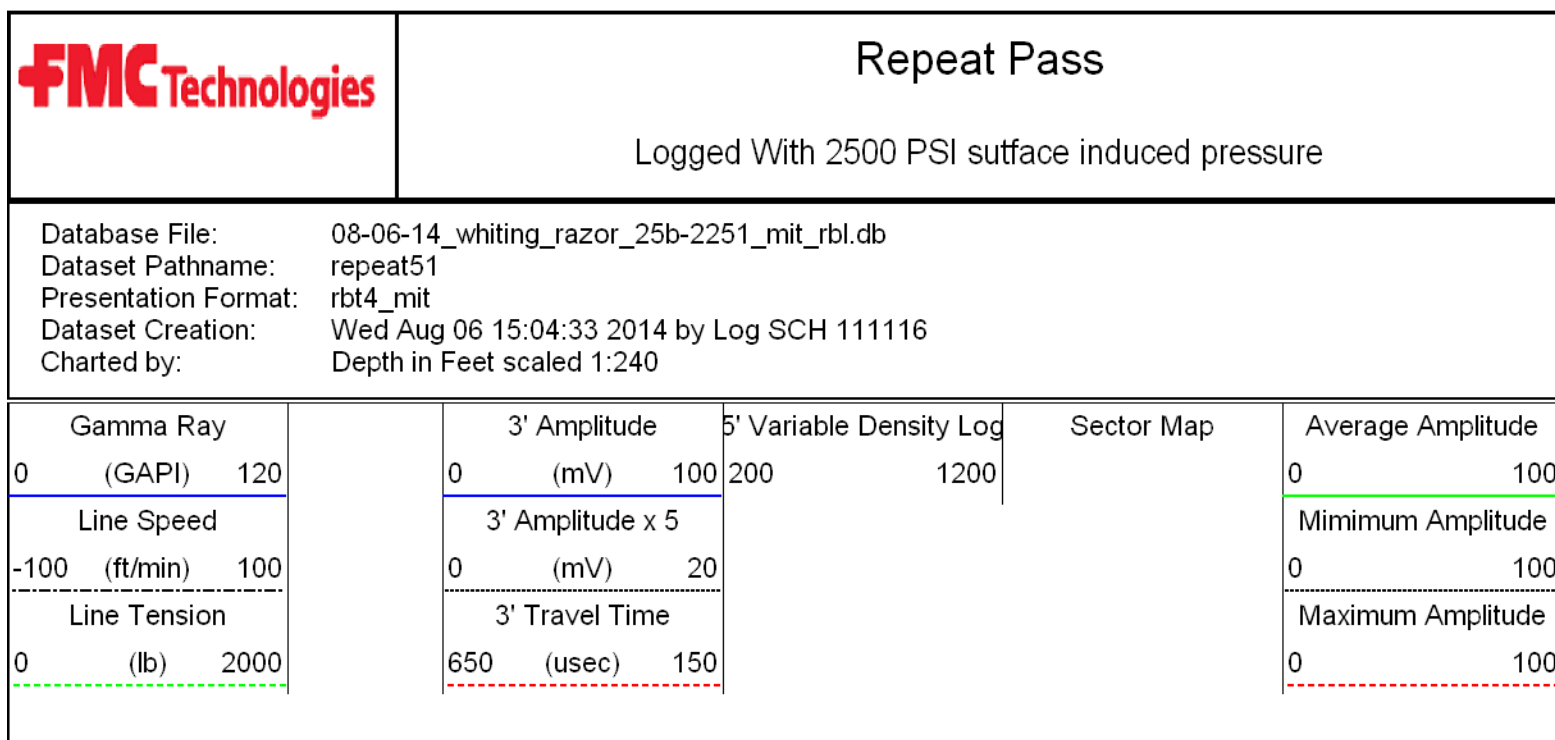
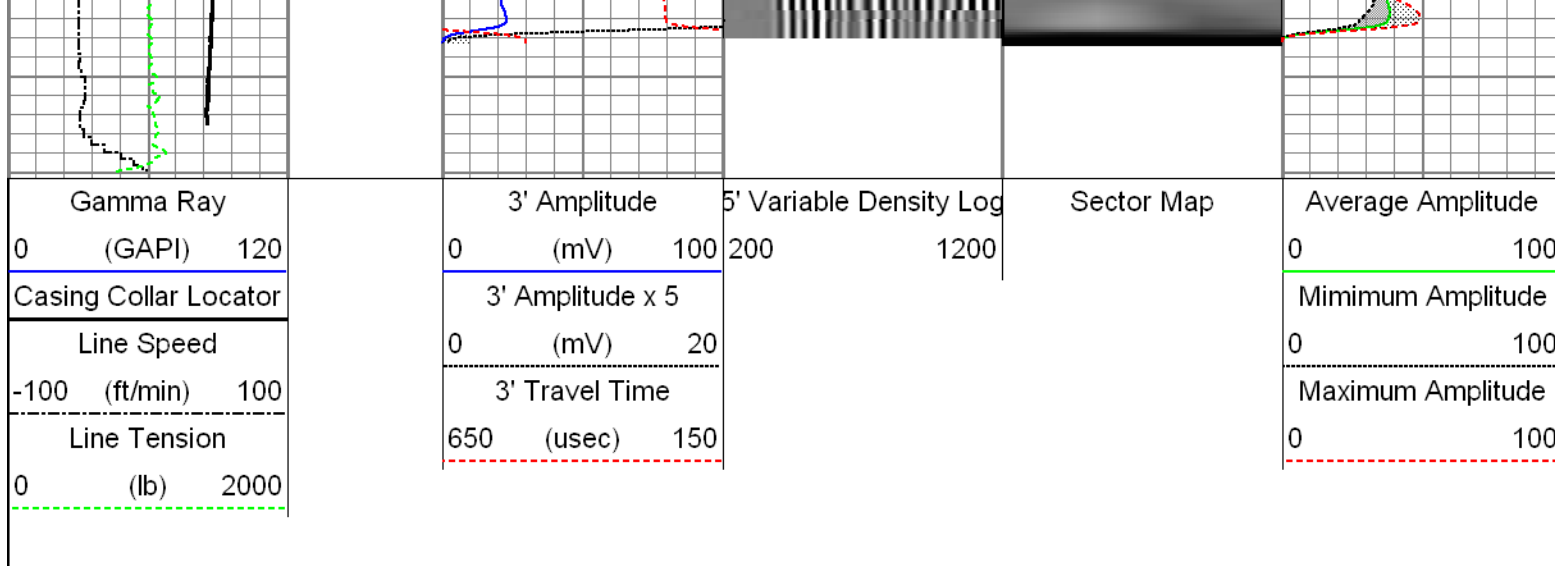


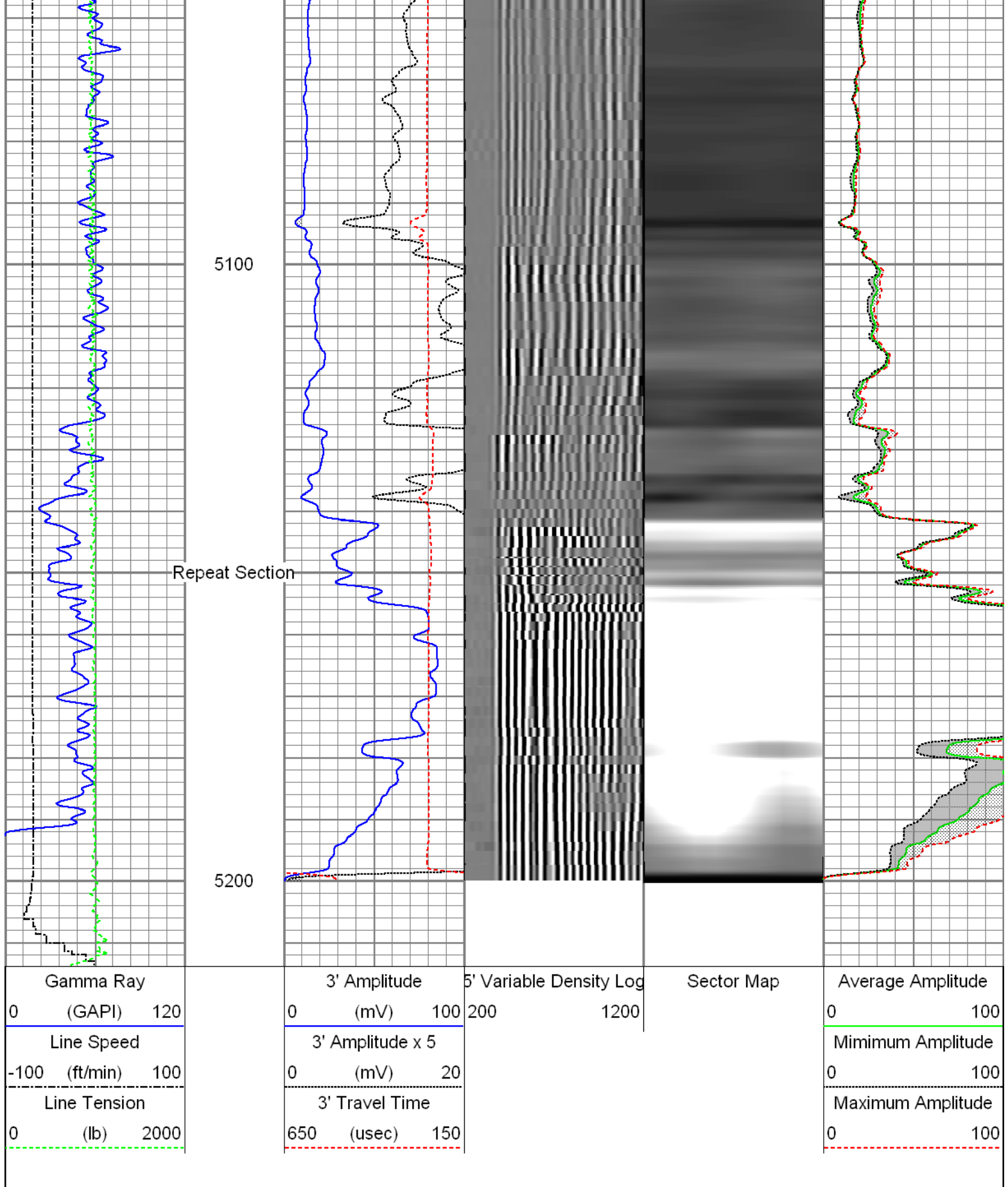






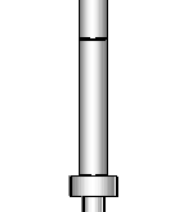

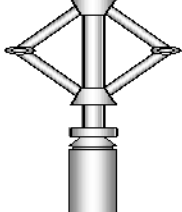
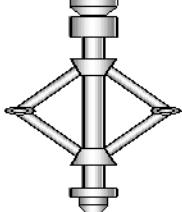








Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			T_CH14375_1_GO Titan 1-7/16" Assembled Electric Cable Head with 1" Fishing Neck	1.03	1.44	4.00
			UW_AGS-UW_AGS_001 (215017) Sondex Adapter - GO Box to Sondex Pin	0.21	1.69	1.00

GR	22.37		UW_XTU-UW_XTU_002 (211461) Crossover Ultrawire Toolbus to Ultralink	1.58	1.69	6.50
			UW_PGR-UW_PGR_020 (050836) Production Gamma Ray	1.93	1.69	9.50
			UW_PRC-DSSRAC (080) 2-3/4" DSS 5 Arm Roller Centralizer	2.55	2.75	32.00
WVFS1 WVFS2 WVFS3 WVFS4 WVFS5 WVFS6 WVFS7 WVFS8 CBLTEMP CBLROT WVF5FT	14.99 14.99 14.99 14.99 14.99 14.99 14.99 14.99 14.99 14.99 13.99		UW_RBT-UW_RBT_004 (1066) Sondex Ultrawire 3-1/8" Radial Bond Tool	9.47	3.13	140.00
MIT	4.97		UW_PRC-DSSRAC (082) 2-3/4" DSS 5 Arm Roller Centralizer	2.55	2.75	32.00
TSTAMP	0.00		UW_MIT-UW_MIT40_042 (10012912) 40 Multifinger Imaging Tool	4.54	2.75	61.10
			UW_PRC #3 -DSSRAC (084) 2-3/4" DSS 5 Arm Roller Centralizer	2.55	2.75	32.00
			UW_BUL-UW_BUL_006 (218707) Sondex Ultrawire Bullnose Terminator	0.22	1.69	1.20
Dataset: 08-06-14_whiting_razor_25b-2251_mit_rbl.db: field/well/run1/main51 Total Length: 26.62 ft Total Weight: 319.30 lb O.D. 3.13 in						

Calibration Report	
Database File:	08-06-14_whiting_razor_25b-2251_mit_rbl.db
Dataset Pathname:	main51
Dataset Creation:	Wed Aug 06 15:18:34 2014 by Log SCH 111116

Multi-finger Imaging Tool Calibration Report

Serial Number: 10012912
 Number of Fingers: 40
 Tool Model: UW_MIT40_042

Inclinometer Calibration Report

Performed: Mon Jul 15 09:39:36 2013
 Calibration Angle: 45

Vertical:		Inc X	Inc Y
		1968	1974
Finger 1 up:		1740	1744
Finger 31 up:		2215	1741
Finger 21 up:		2205	2224
Finger 11 up:		1731	2217
Sensitivity ratio:	0.992868		
X-axis angle:	134.307		
Deviation const.:	335.589		

Finger Calibration Report

Performed: Wed Aug 06 14:20:51 2014

Ring size:	4		5		6		7
(in)		Sens		Sens		Sens	
Finger 01:	1063	360.0	1423	387.0	1810	412.0	2222
Finger 02:	1191	367.0	1558	388.0	1946	406.0	2352
Finger 03:	1077	373.0	1450	408.0	1858	431.0	2289
Finger 04:	1094	357.0	1451	397.0	1848	422.0	2270
Finger 05:	1098	367.0	1465	408.0	1873	422.0	2295
Finger 06:	1092	364.0	1456	406.0	1862	420.0	2282
Finger 07:	1085	366.0	1451	411.0	1862	421.0	2283
Finger 08:	1097	353.0	1450	405.0	1855	414.0	2269
Finger 09:	1097	360.0	1457	404.0	1861	415.0	2276
Finger 10:	1093	358.0	1451	404.0	1855	412.0	2267
Finger 11:	1103	359.0	1462	404.0	1866	408.0	2274
Finger 12:	1098	358.0	1456	398.0	1854	411.0	2265
Finger 13:	1108	357.0	1465	397.0	1862	401.0	2263
Finger 14:	1083	362.0	1445	405.0	1850	412.0	2262
Finger 15:	1049	372.0	1421	411.0	1832	426.0	2258
Finger 16:	1062	362.0	1424	414.0	1838	421.0	2259
Finger 17:	1030	359.0	1389	415.0	1804	429.0	2233
Finger 18:	1118	352.0	1470	398.0	1868	409.0	2277
Finger 19:	1074	354.0	1428	396.0	1824	410.0	2234
Finger 20:	1046	357.0	1403	407.0	1810	422.0	2232
Finger 21:	1067	364.0	1431	410.0	1841	411.0	2252
Finger 22:	1036	358.0	1394	401.0	1795	421.0	2216
Finger 23:	1001	367.0	1368	408.0	1776	434.0	2210
Finger 24:	1059	361.0	1420	387.0	1807	397.0	2204
Finger 25:	1020	365.0	1385	402.0	1787	424.0	2211
Finger 26:	1145	359.0	1504	372.0	1876	389.0	2265
Finger 27:	1089	368.0	1457	390.0	1847	411.0	2258
Finger 28:	1118	362.0	1480	377.0	1857	398.0	2255
Finger 29:	1070	374.0	1444	394.0	1838	424.0	2262
Finger 30:	1087	369.0	1456	384.0	1840	415.0	2255
Finger 31:	1114	366.0	1480	379.0	1859	410.0	2269
Finger 32:	1096	378.0	1474	393.0	1867	422.0	2289
Finger 33:	1154	369.0	1523	368.0	1891	389.0	2280
Finger 34:	1132	364.0	1496	376.0	1872	410.0	2282
Finger 35:	1066	382.0	1448	404.0	1852	441.0	2293
Finger 36:	1086	375.0	1461	392.0	1853	425.0	2278
Finger 37:	1125	372.0	1497	386.0	1883	415.0	2298
Finger 38:	1146	366.0	1512	380.0	1892	401.0	2293
Finger 39:	1143	361.0	1504	380.0	1884	406.0	2290
Finger 40:	1102	372.0	1474	395.0	1869	421.0	2290

Segmented Cement Bond Log Calibration Report

Serial Number: 1066
 Tool Model: UW_RBT_004

Calibration Casing Diameter: 7.000 in
 Calibration Depth: 264.132 ft

Master Calibration, performed Wed Aug 06 14:33:43 2014:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	0.005	0.848	0.800	62.165	72.777	0.445
5FT	-0.001	0.810	0.800	62.165	75.609	0.892
S1	0.006	0.853	0.000	100.000	118.092	-0.721
S2	0.004	0.857	0.000	100.000	117.148	-0.429
S3	0.004	0.845	0.000	100.000	119.025	-0.533
S4	0.004	0.838	0.000	100.000	119.917	-0.439
S5	0.005	0.833	0.000	100.000	120.719	-0.589
S6	0.004	0.851	0.000	100.000	117.962	-0.432
S7	0.005	0.880	0.000	100.000	114.253	-0.552
S8	0.004	0.872	0.000	100.000	115.246	-0.501

Gamma Ray Calibration Report

Serial Number: 050836
 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



Company Whiting Oil & Gas Corporation
 Well Razor 25B -2551
 Field Wildcat
 County Weld
 State Colorado