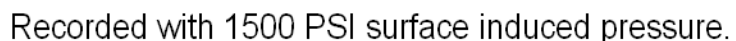


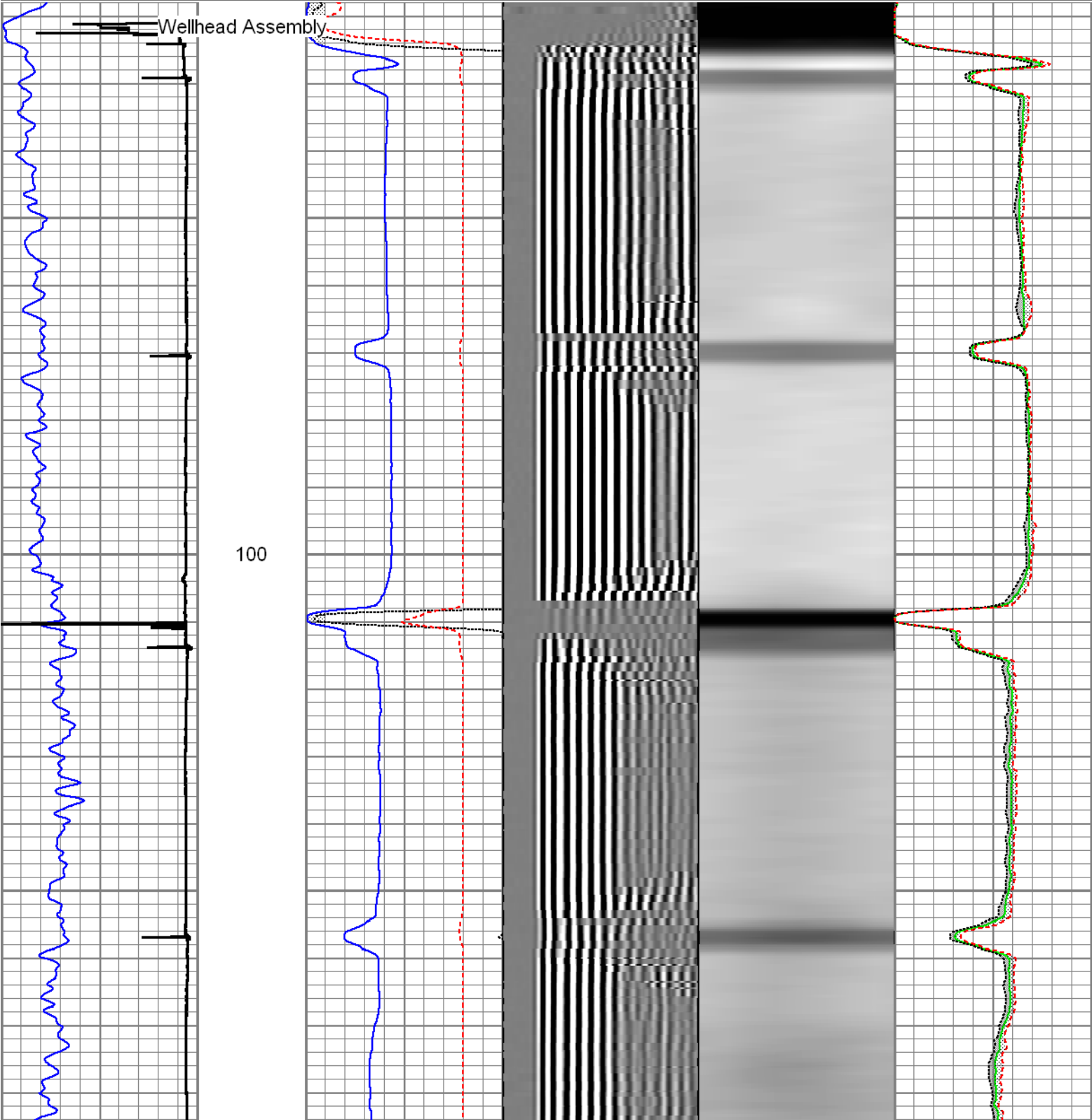


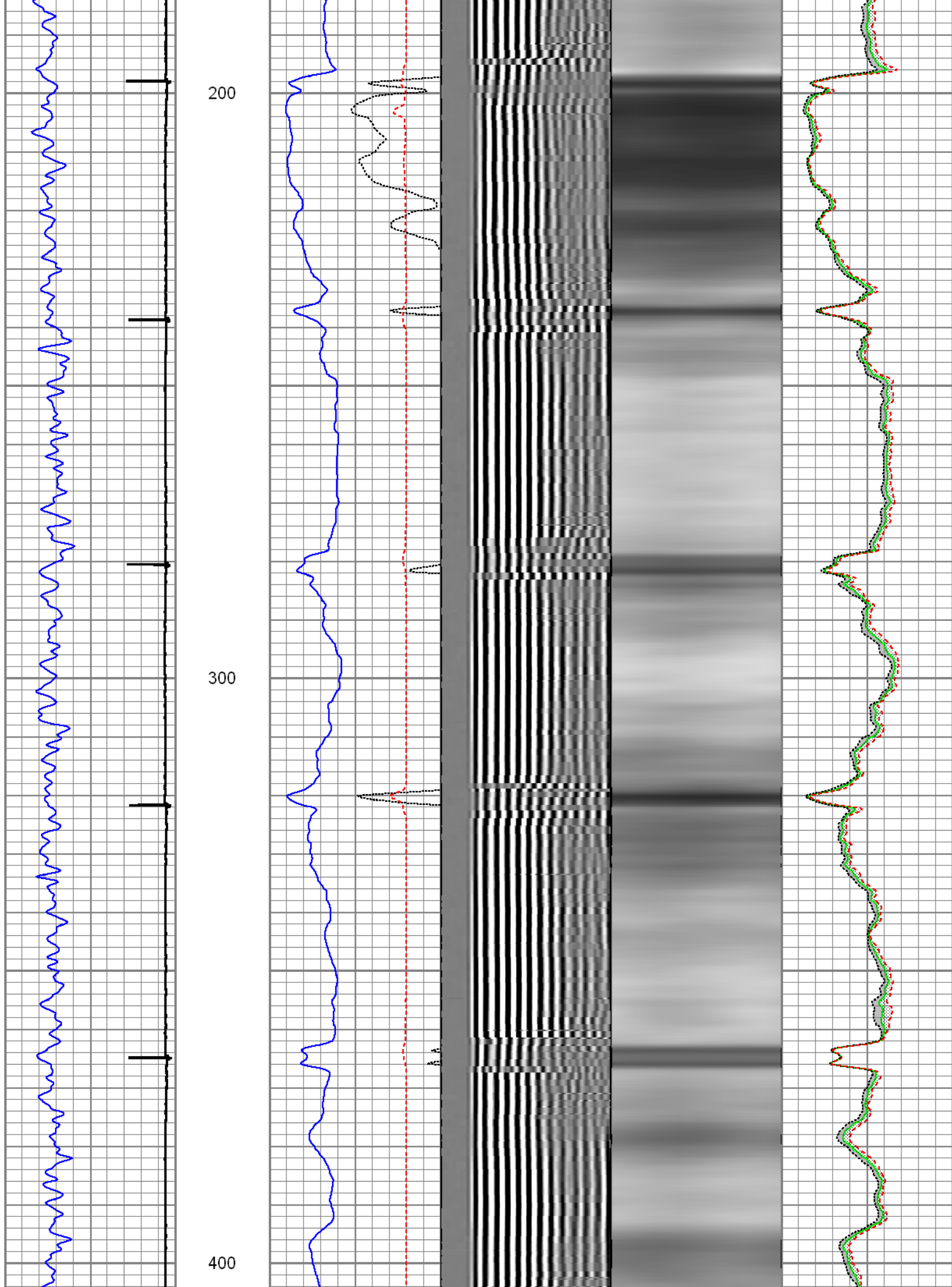
<<< Fold Here >>>
<p>All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible 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.</p>
Comments
<p>Log ran as per Customer request. All wireline depths measured from KB zero at 21 FT. Depth reference to Casing Tally reported Liner Top at 4874 FT. Adjusted log +2 FT from KB zero to correlate with Liner Top. Log from from just below liner top to surface. Log ran with 1500 PSI surface induced pressure.</p> <p>Thank you for choosing FMC Technologies Completion Services, Inc.!!</p>

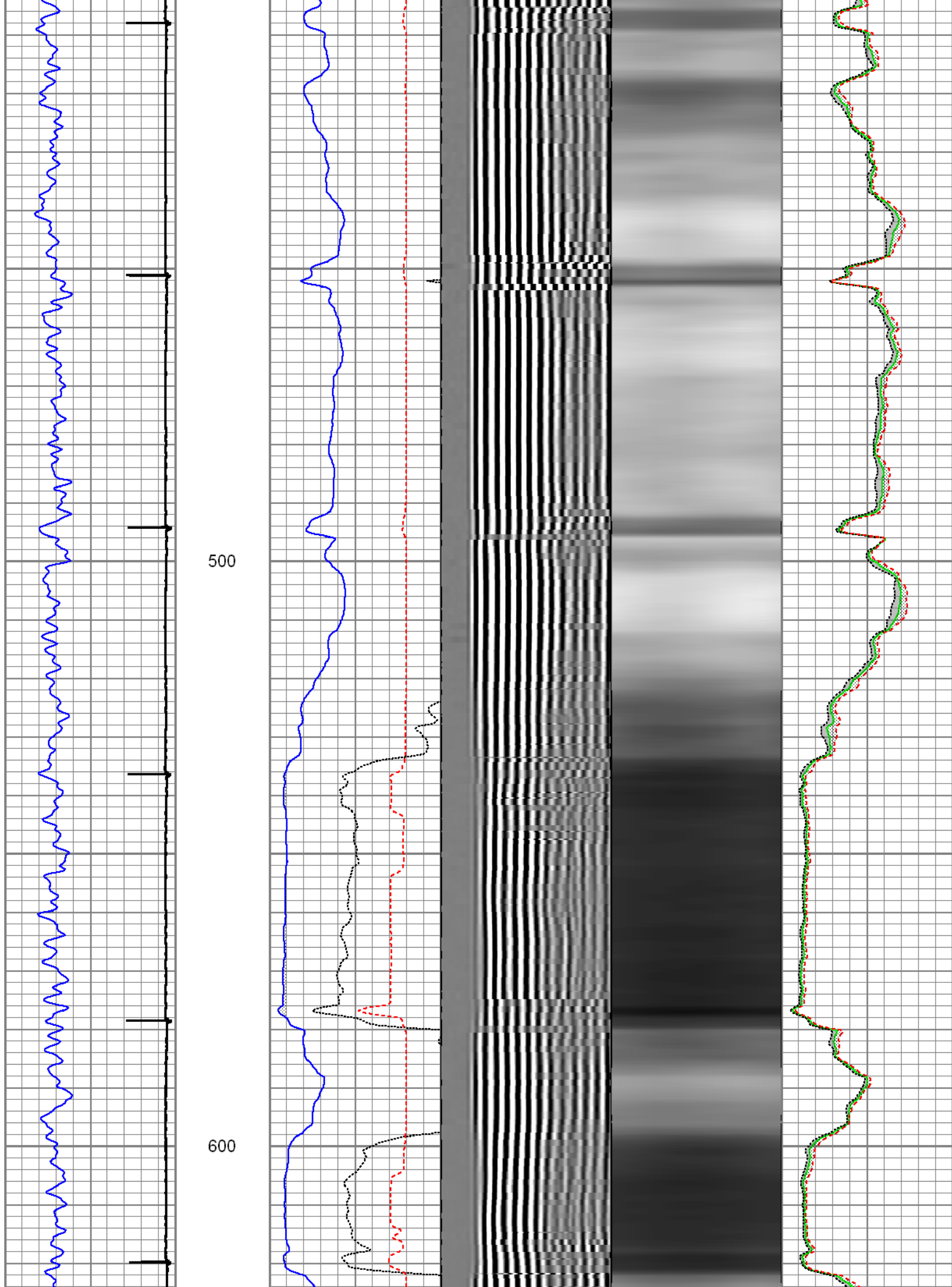


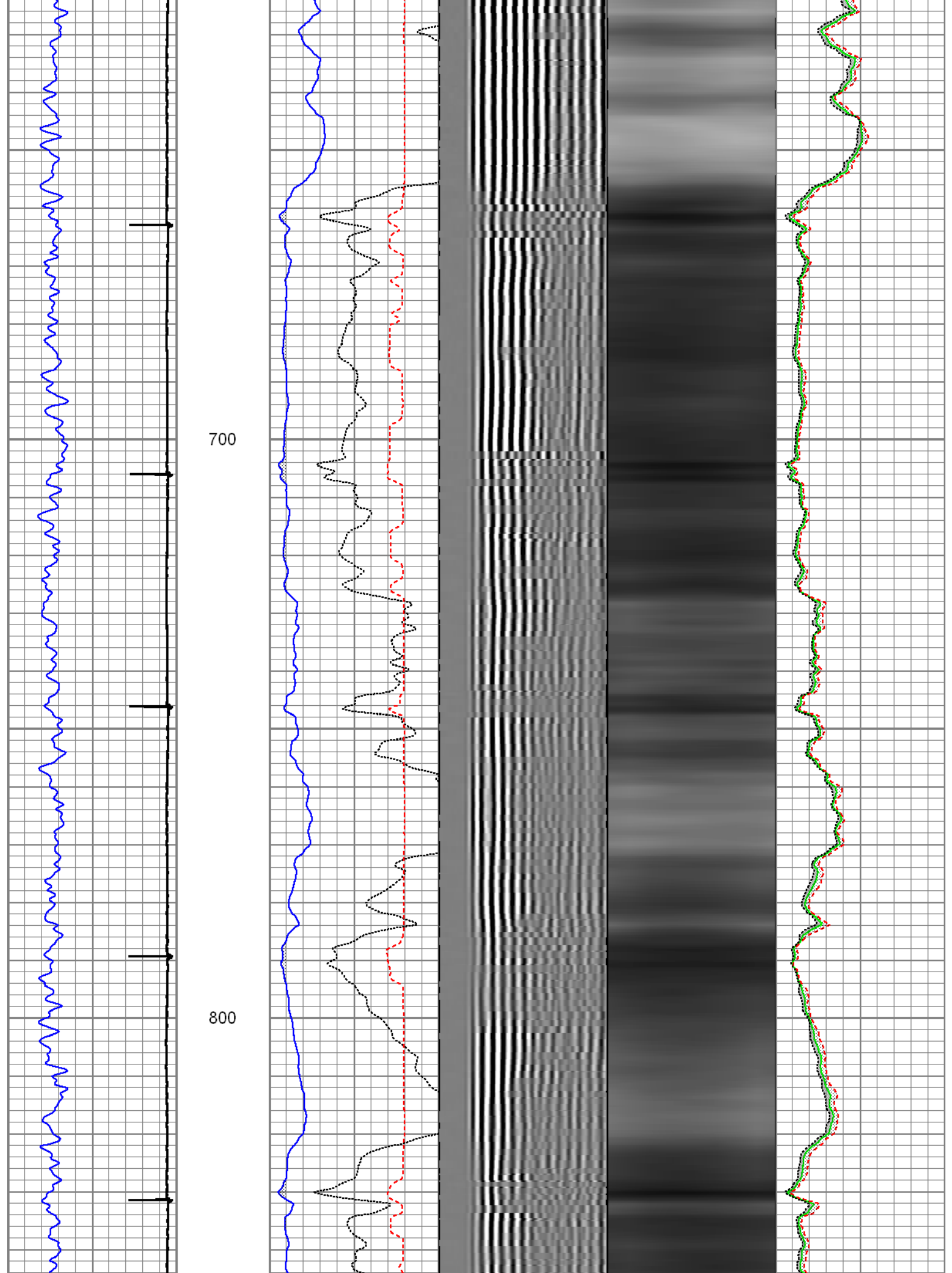
Database File: 07-27-14_whiting_razor 26i-2315a_mit_rbl.db
Dataset Pathname: pass10
Presentation Format: rbt4_mit
Dataset Creation: Sun Jul 27 13:41:28 2014 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

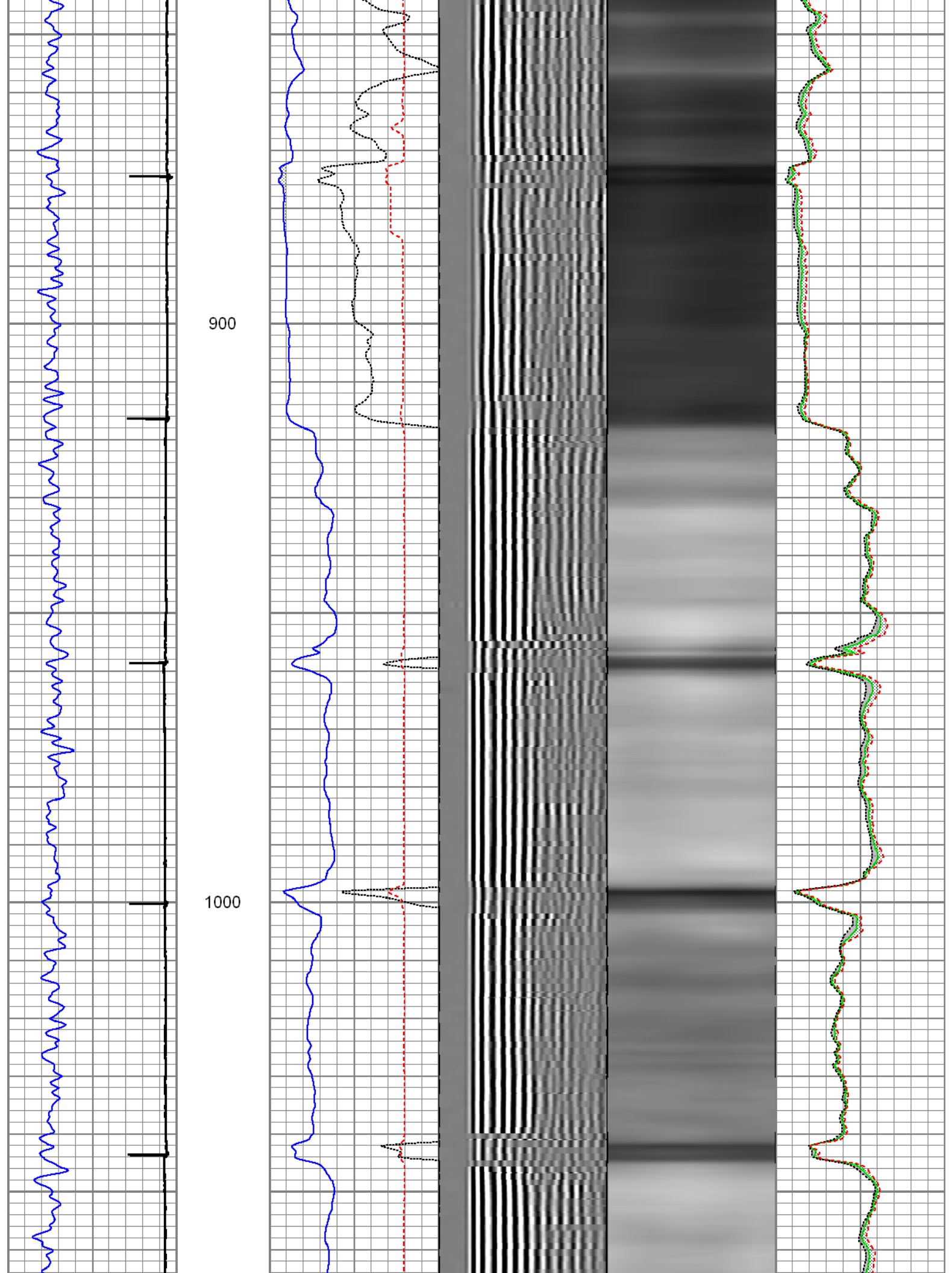
Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 120	0 (mV) 100	200 1200		0 100
Casing Collar Locator	3' Amplitude x 5			Mimimum Amplitude
	0 (mV) 20			0 100
	3' Travel Time			Maximum Amplitude
	650 (usec) 150			0 100

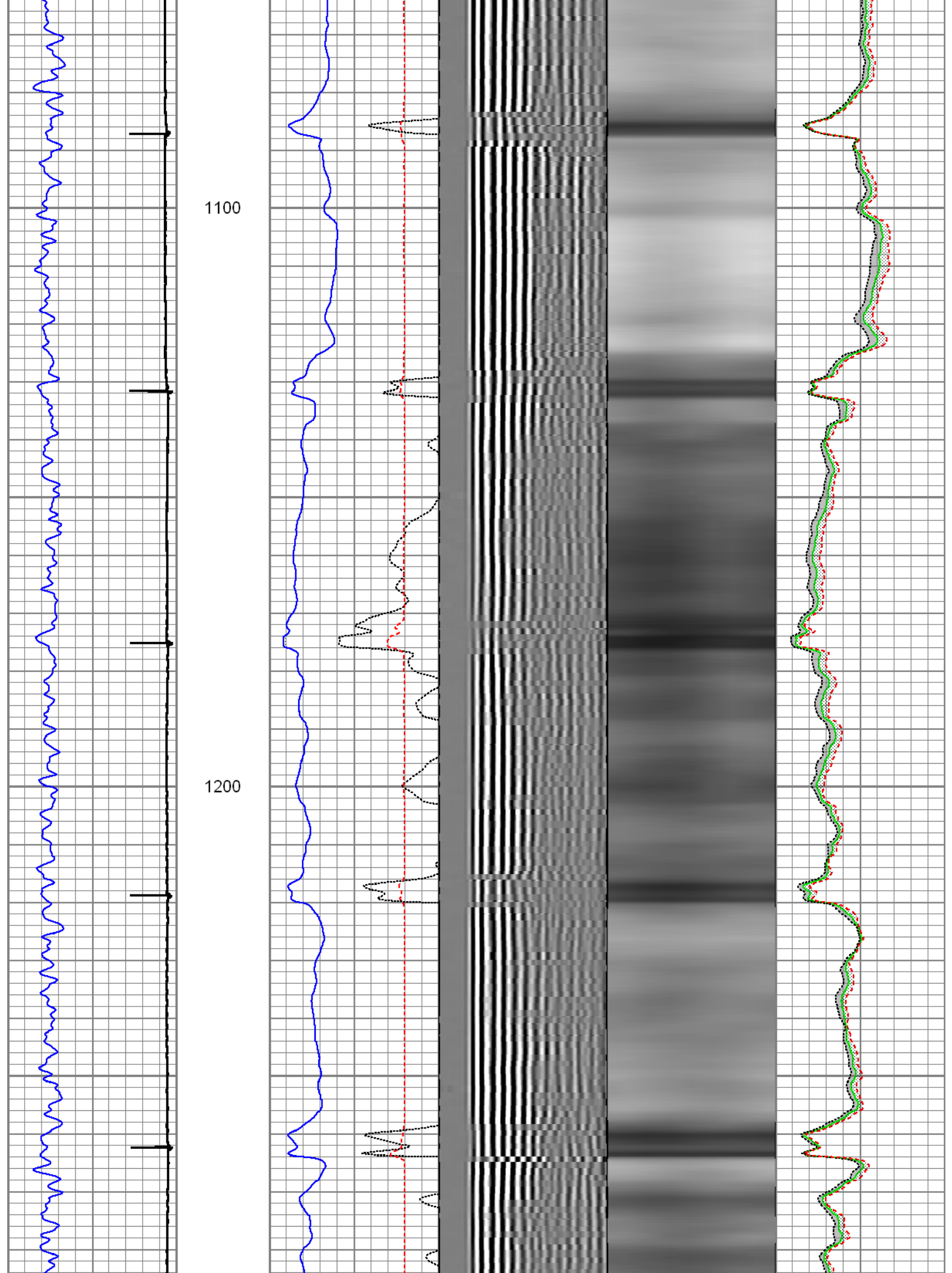


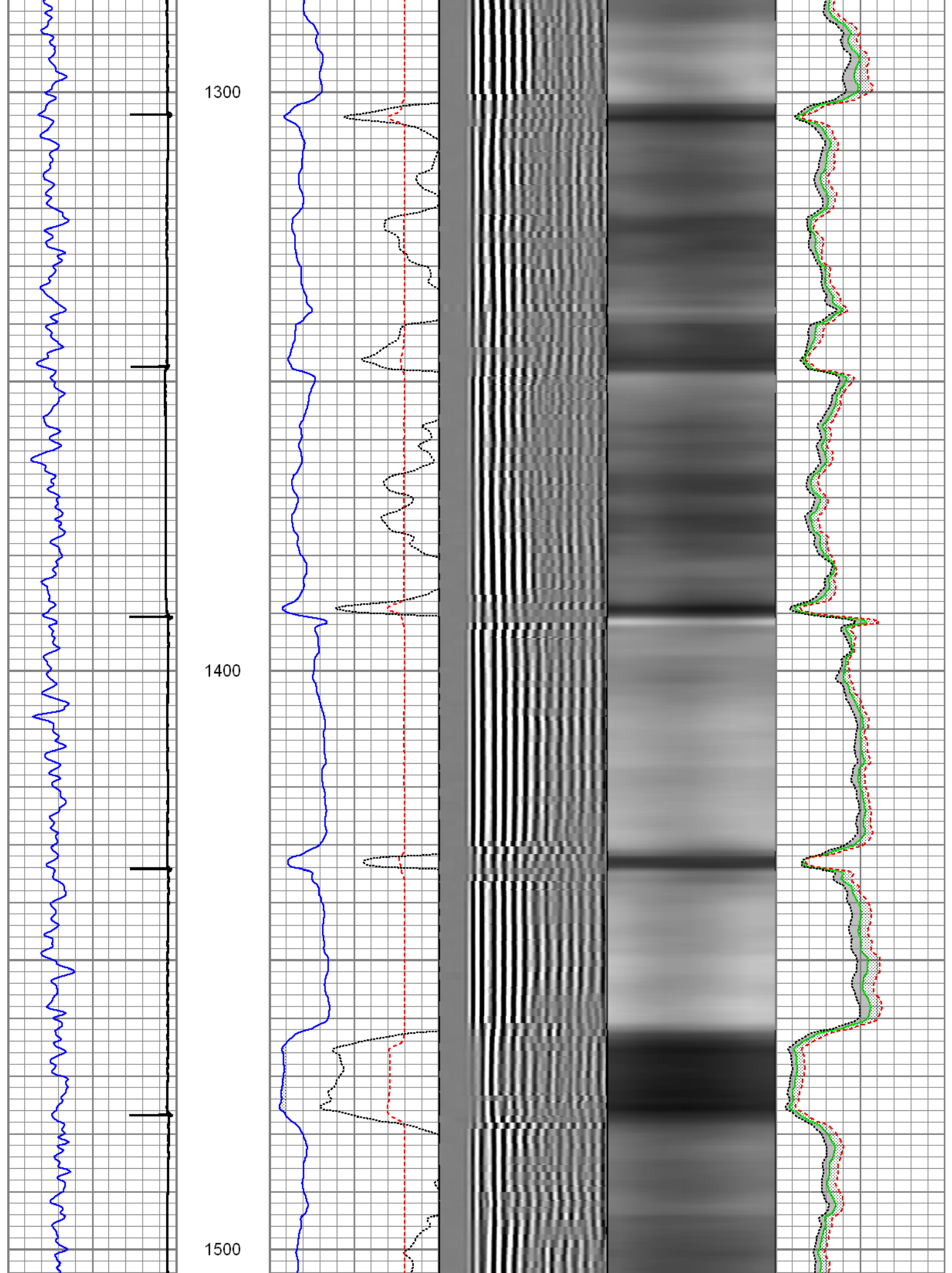


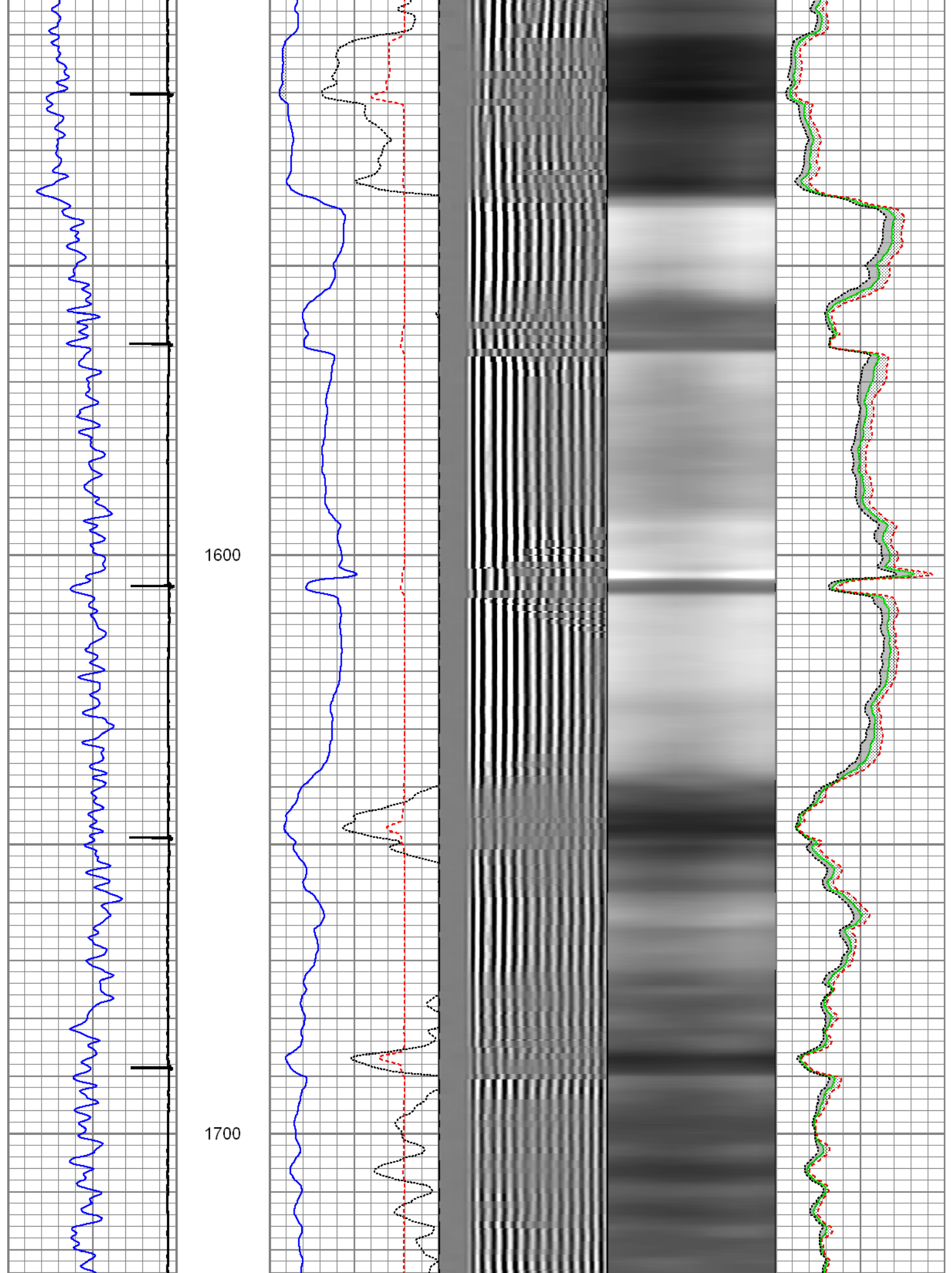


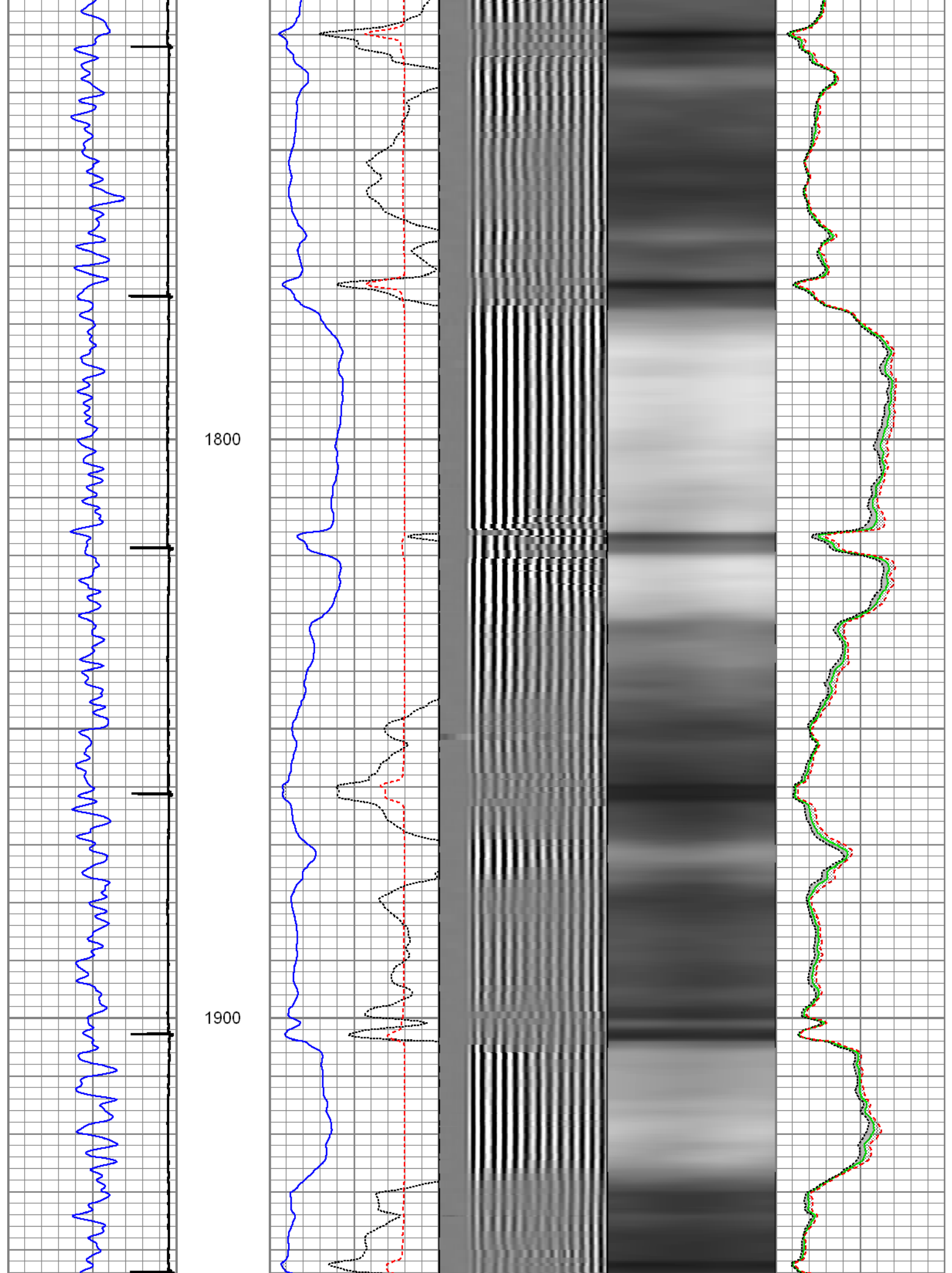


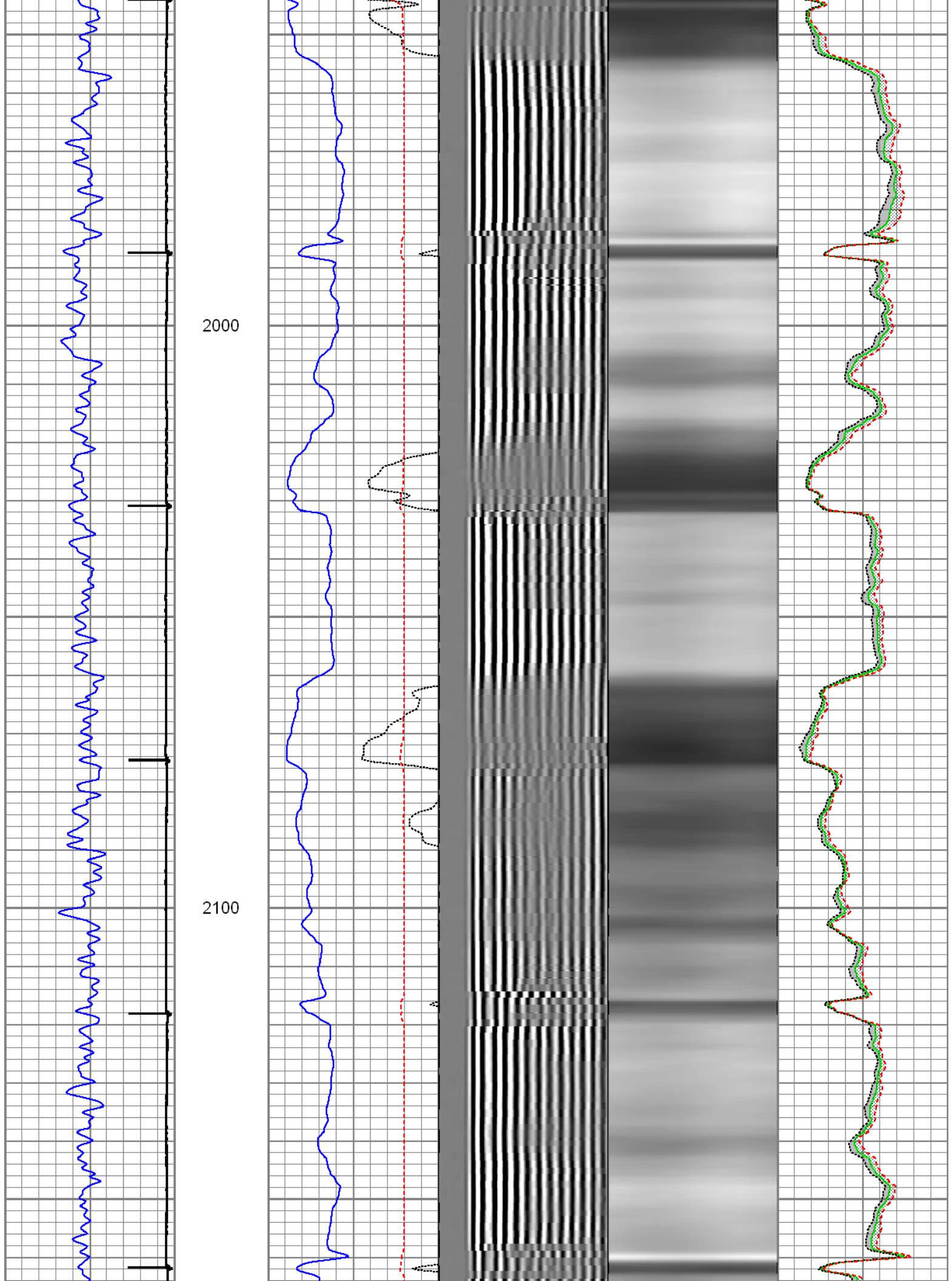






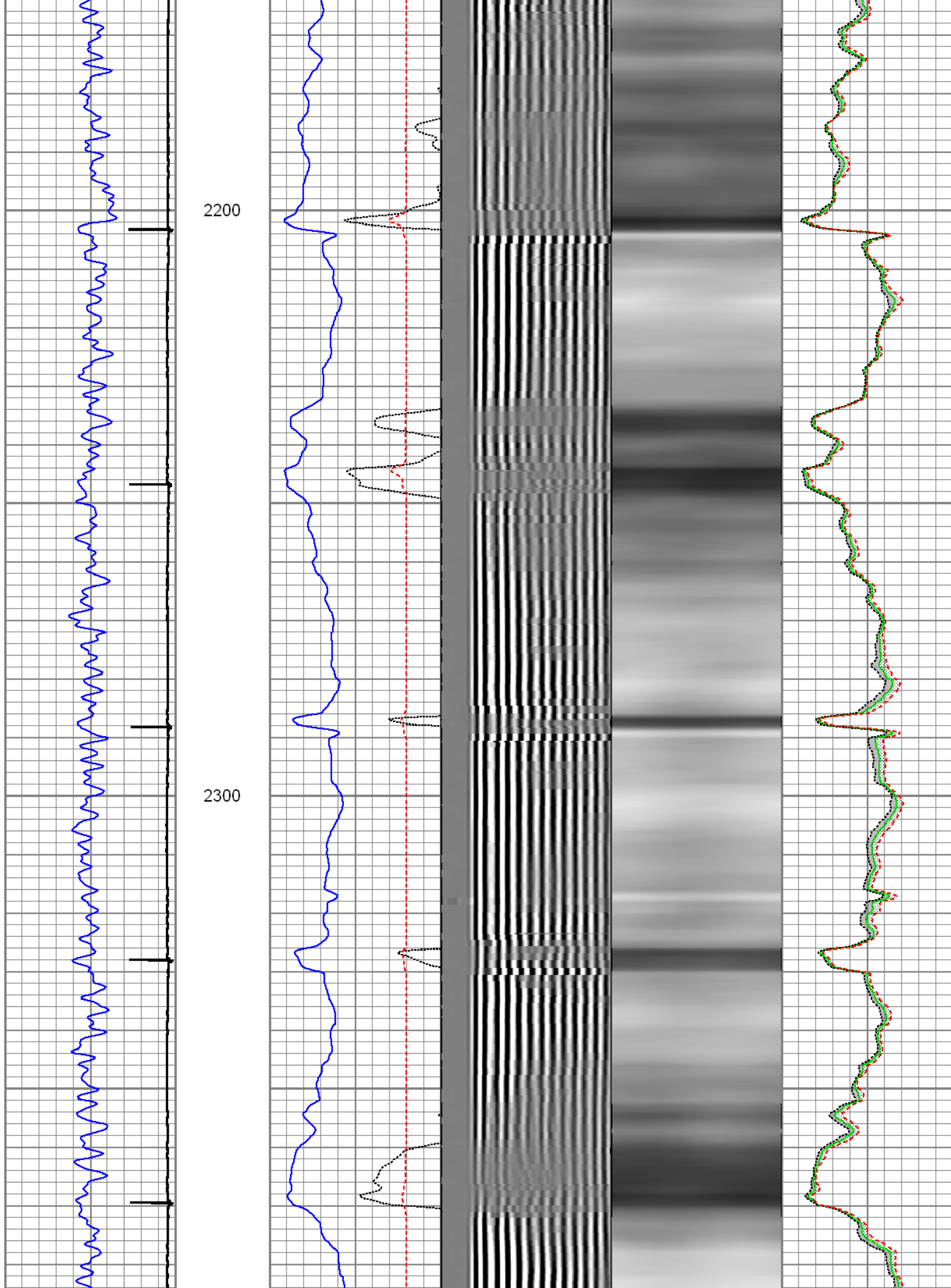






2200

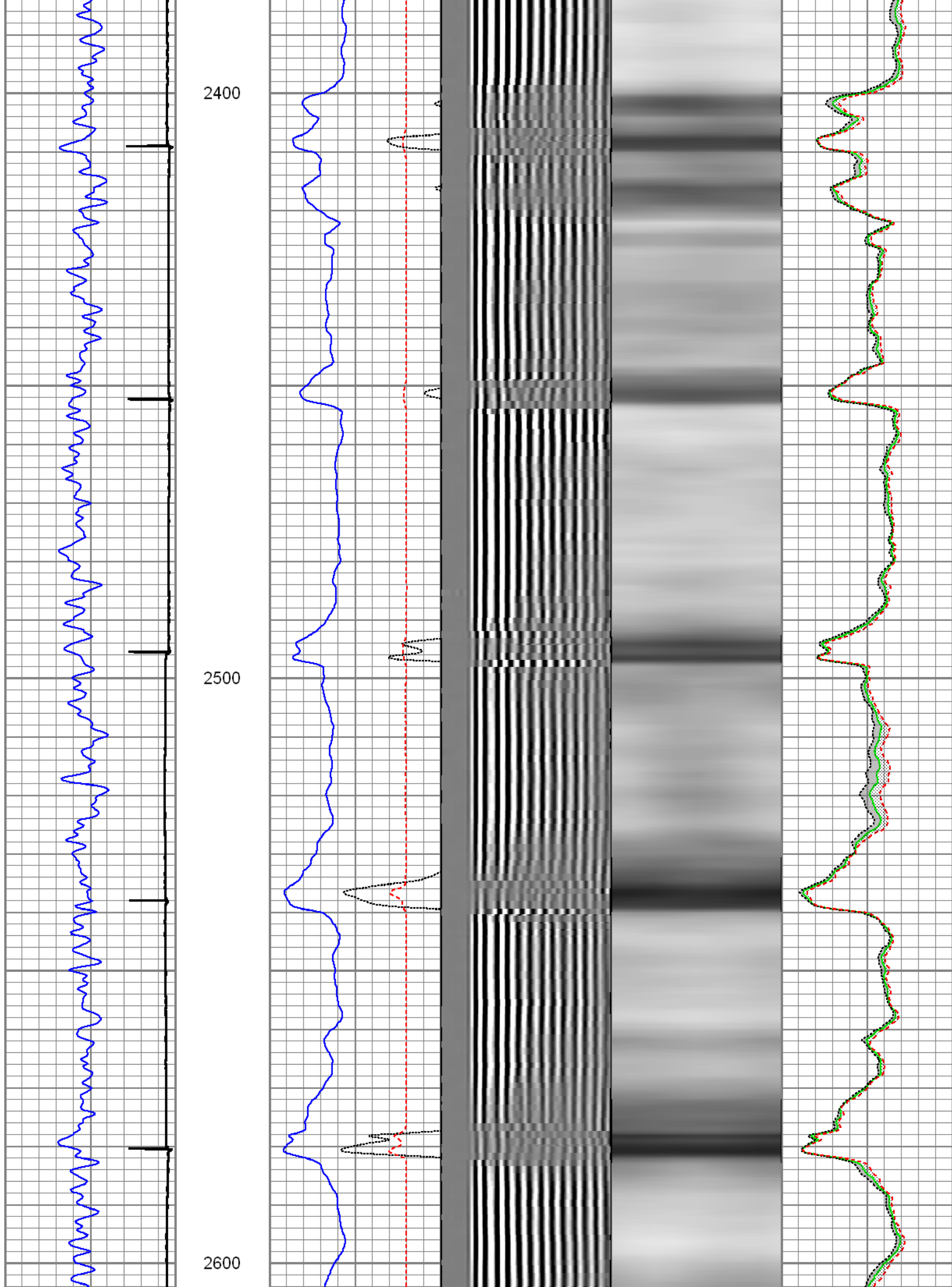
2300



2400

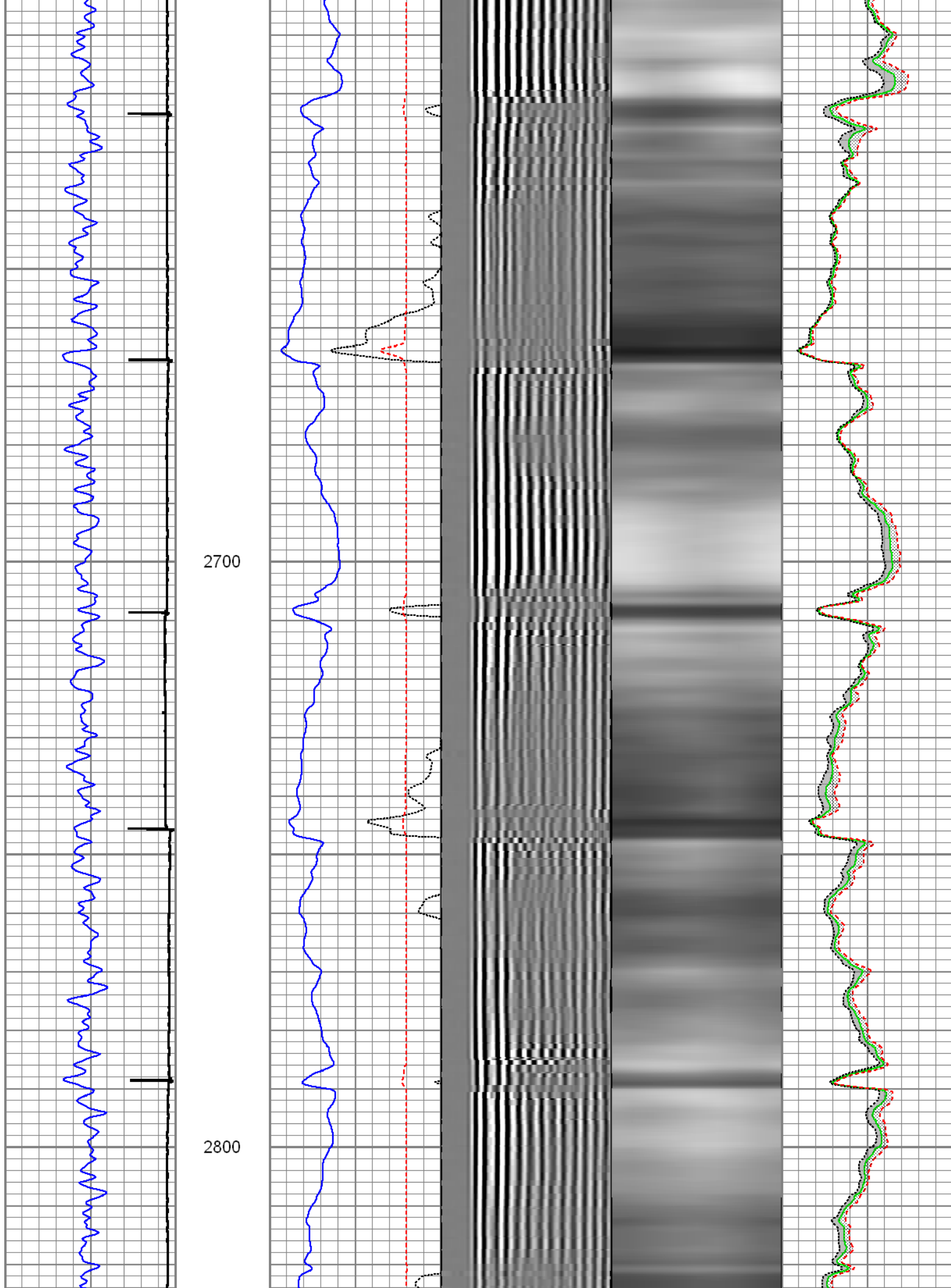
2500

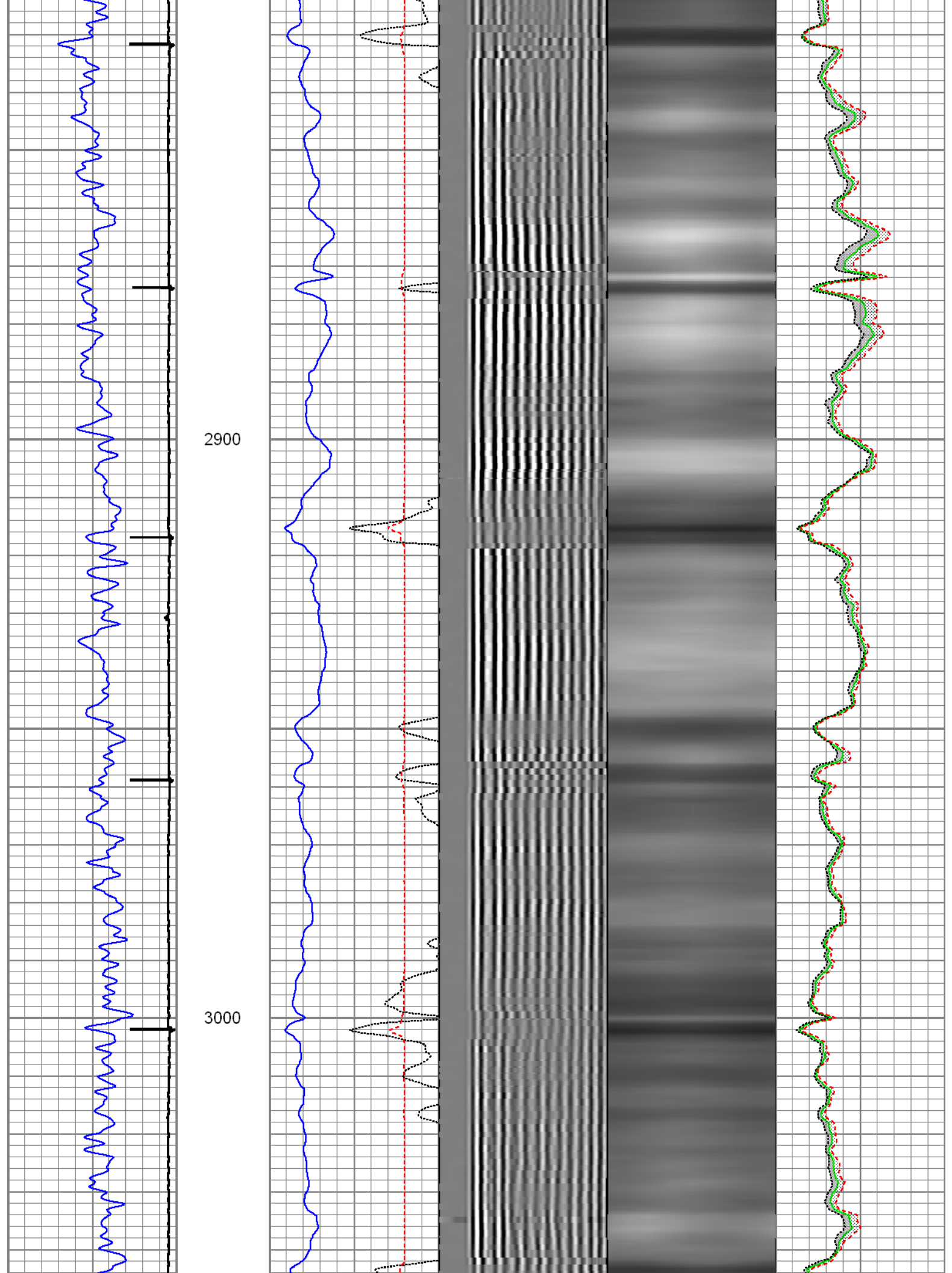
2600

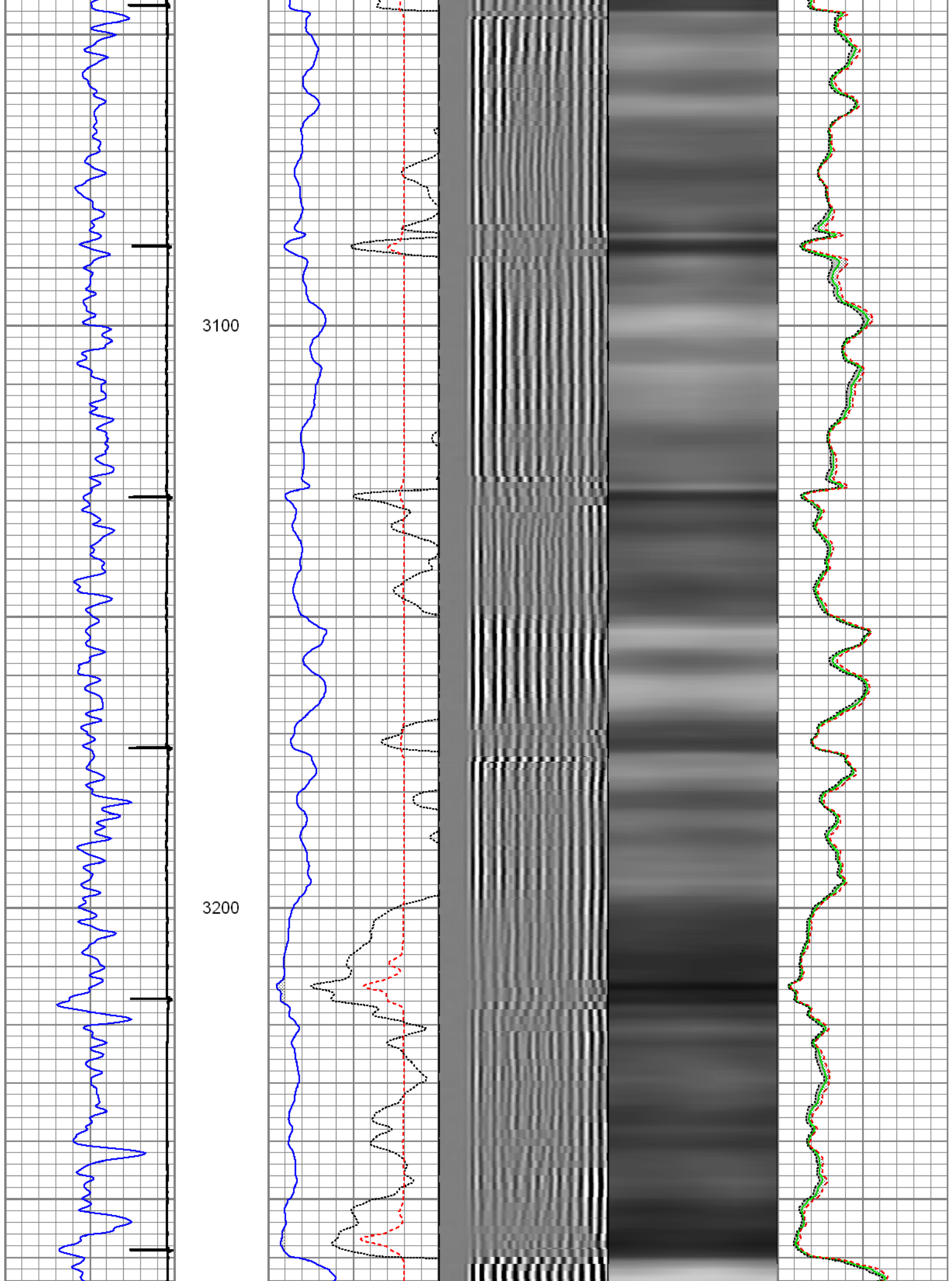


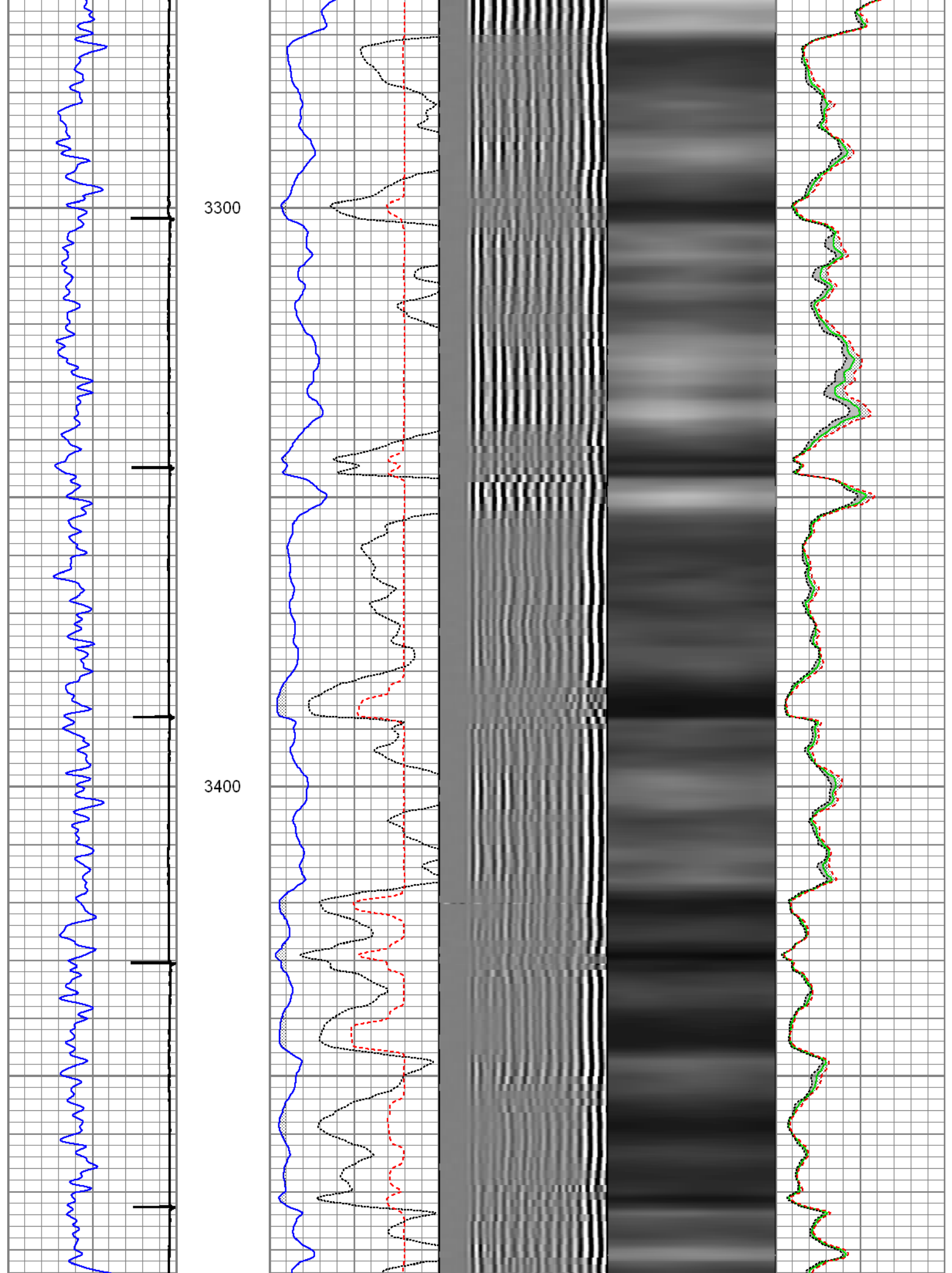
2700

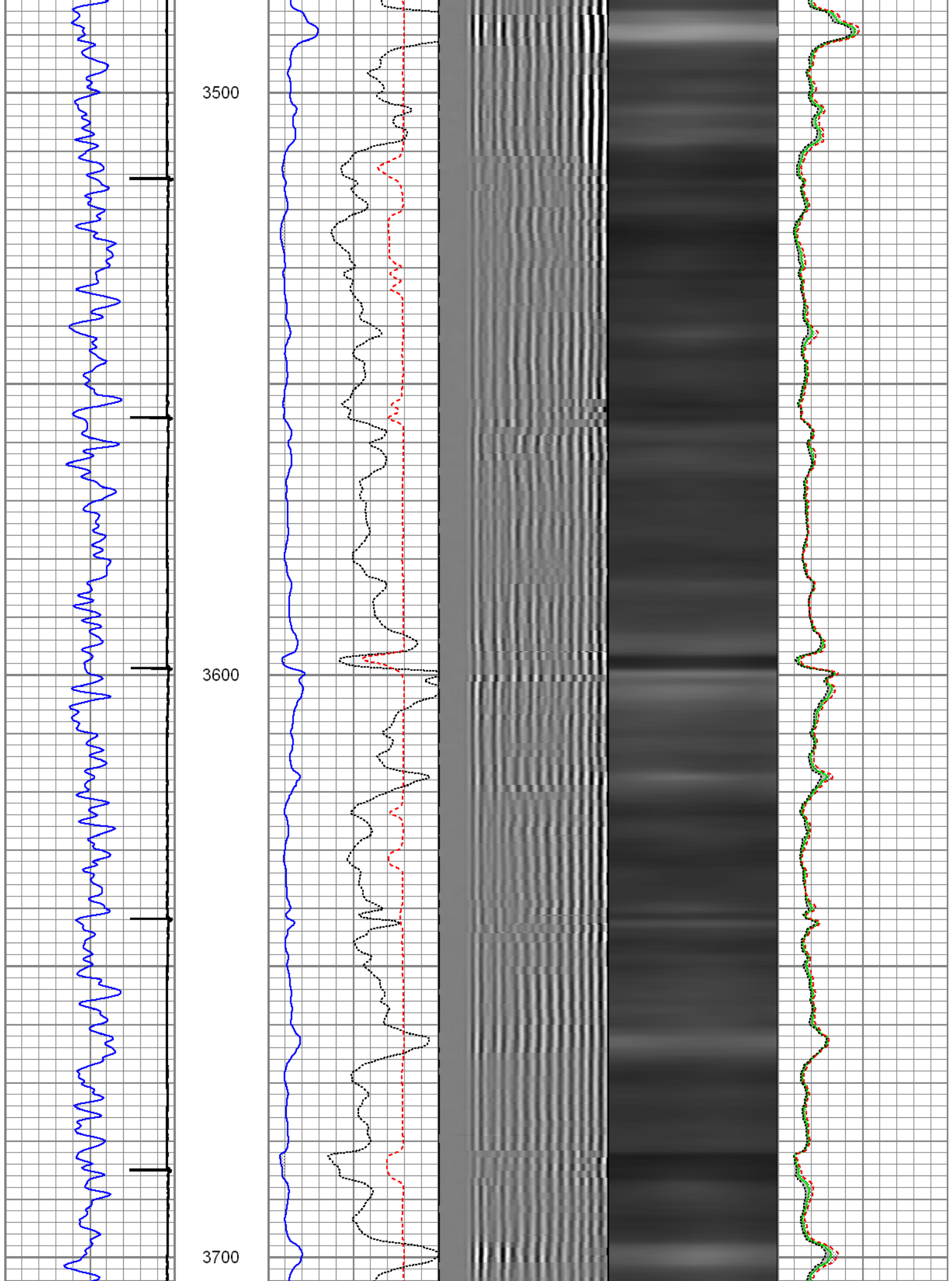
2800

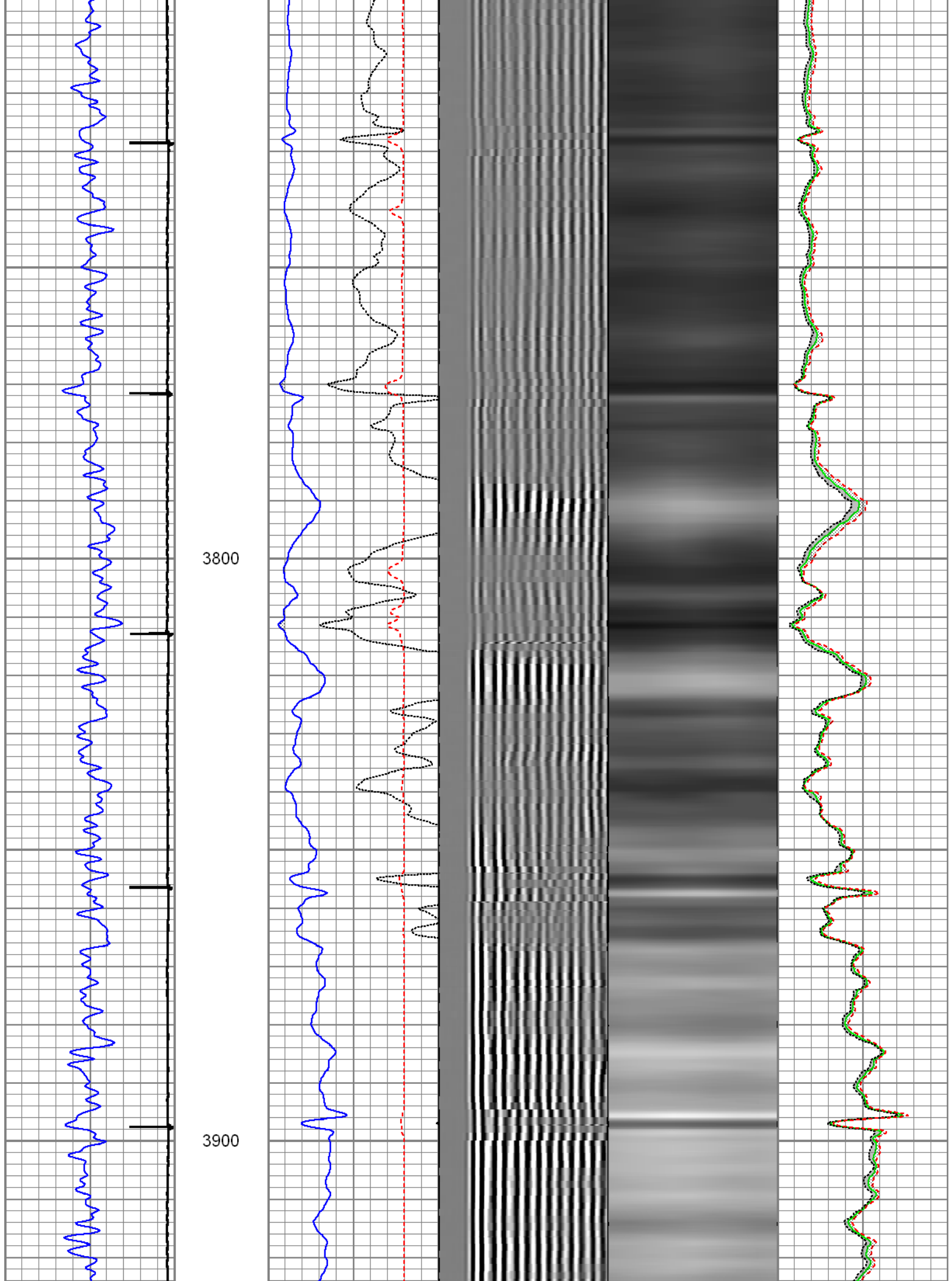


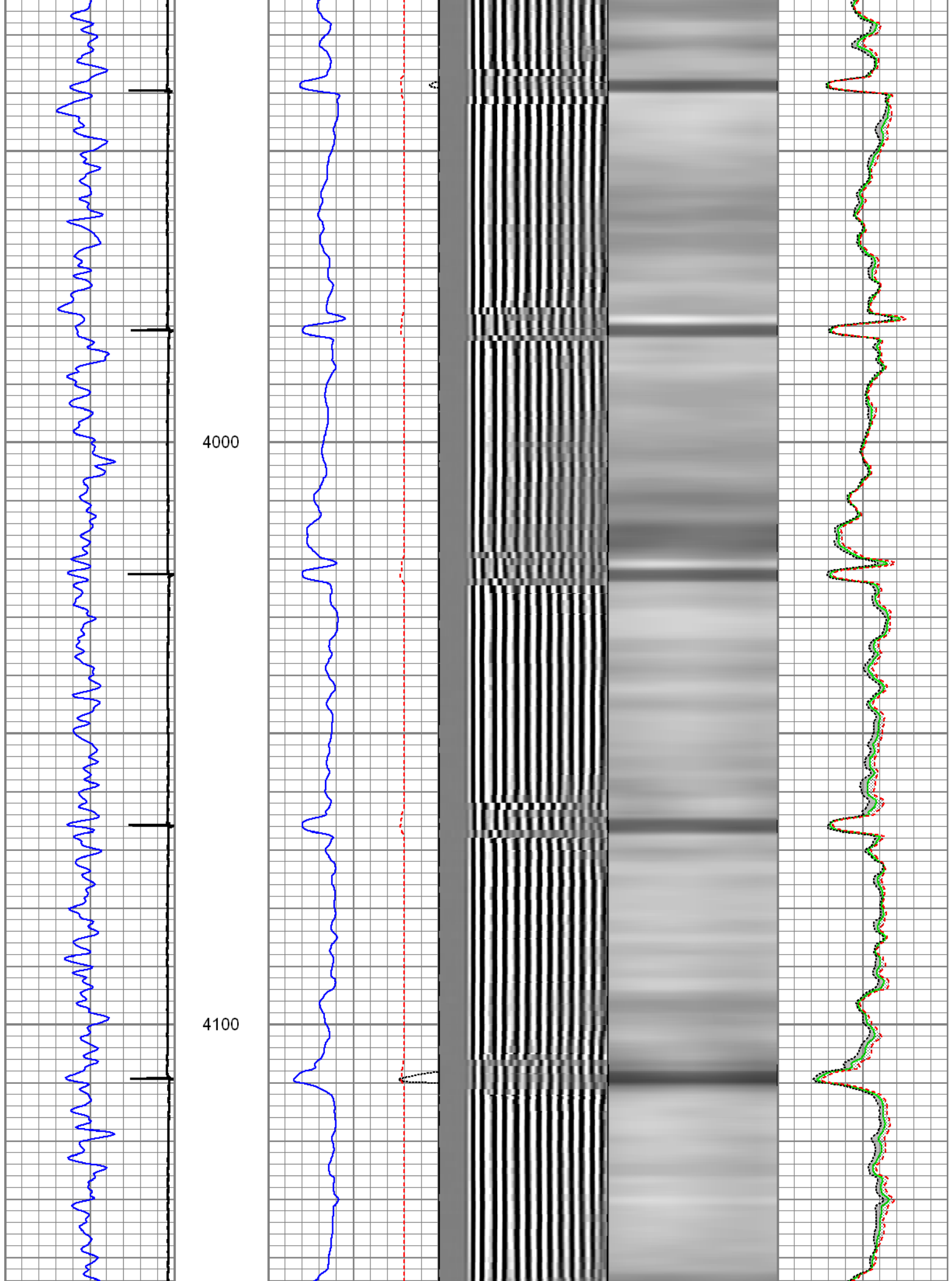


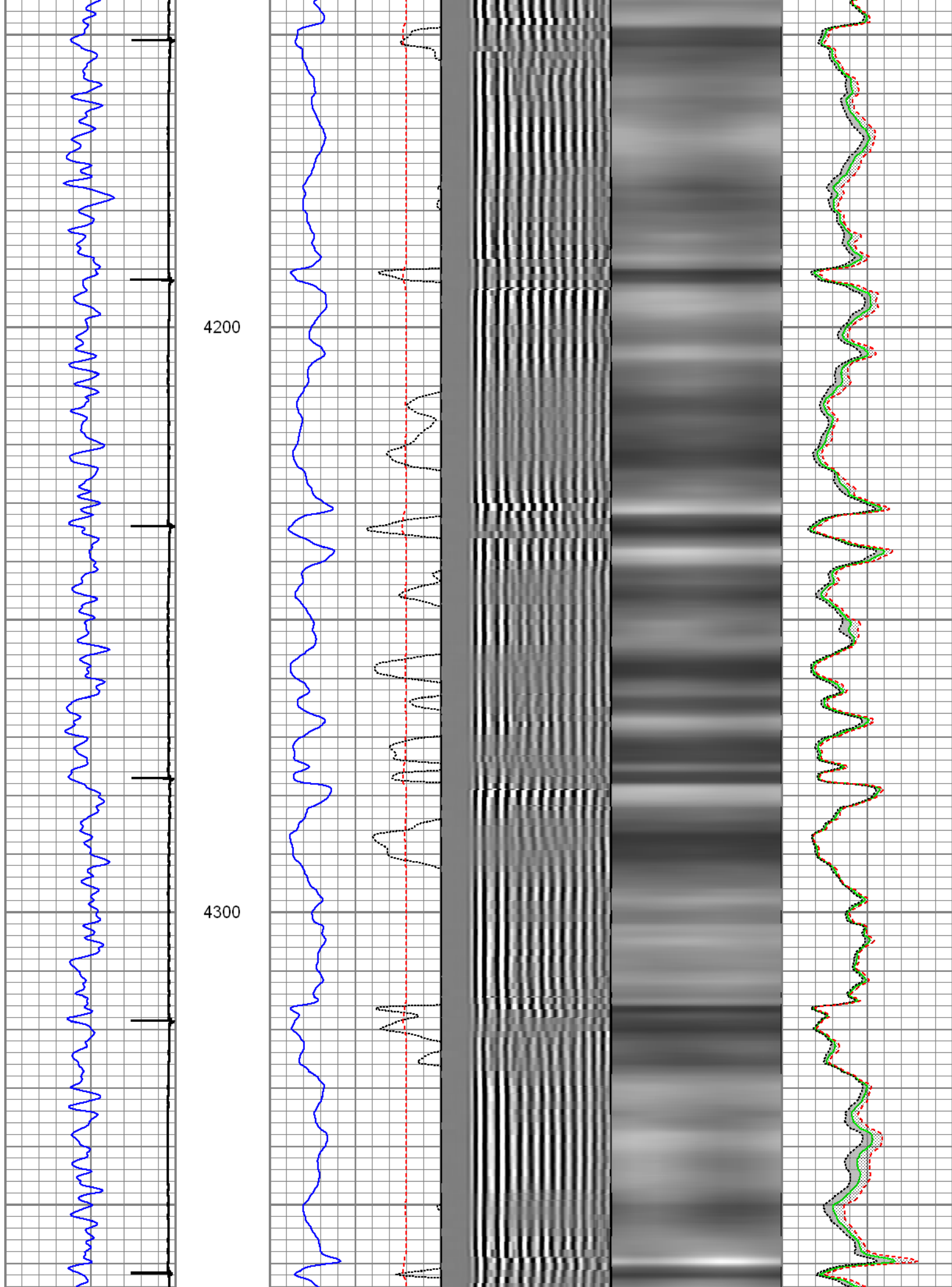


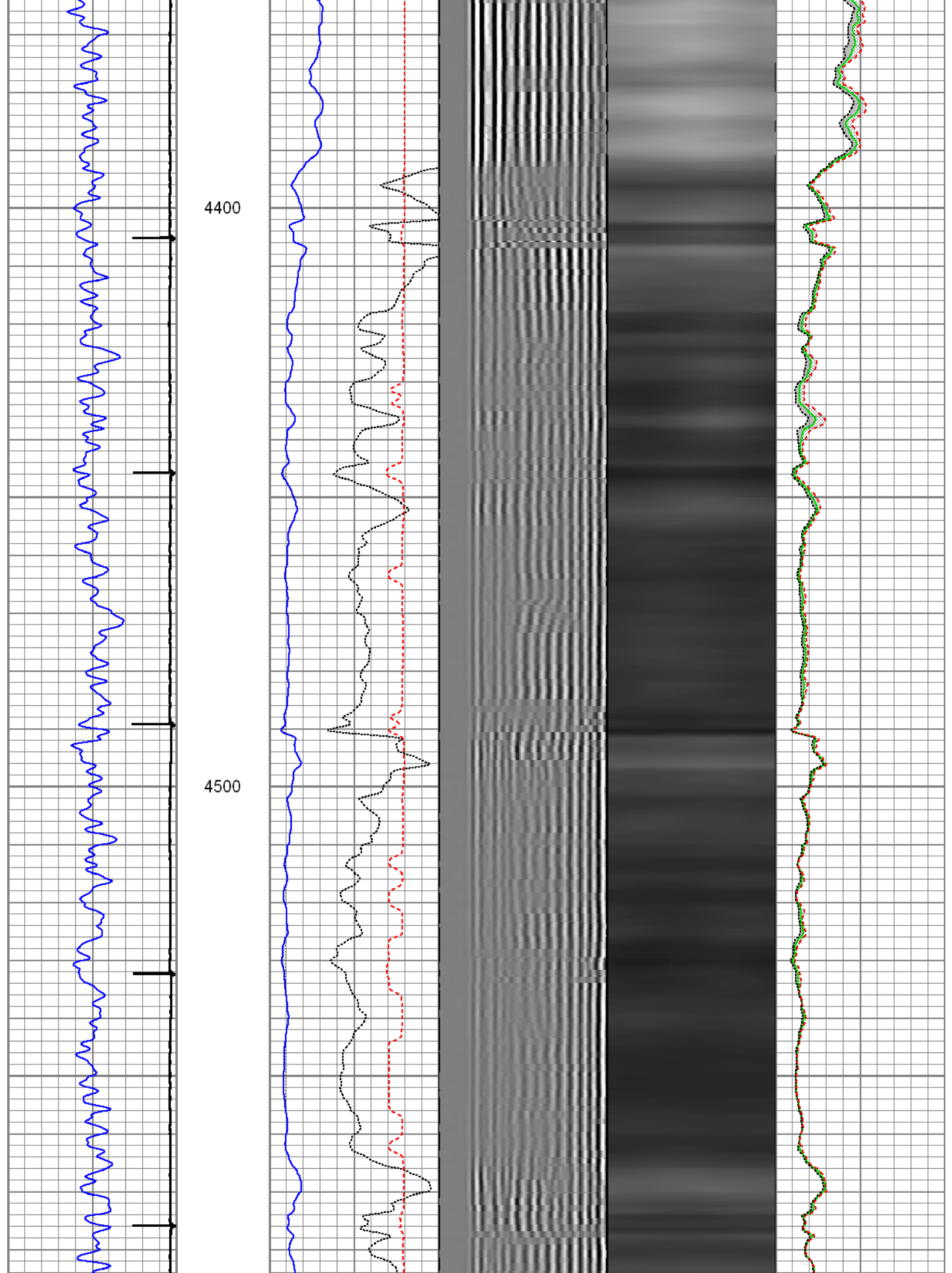








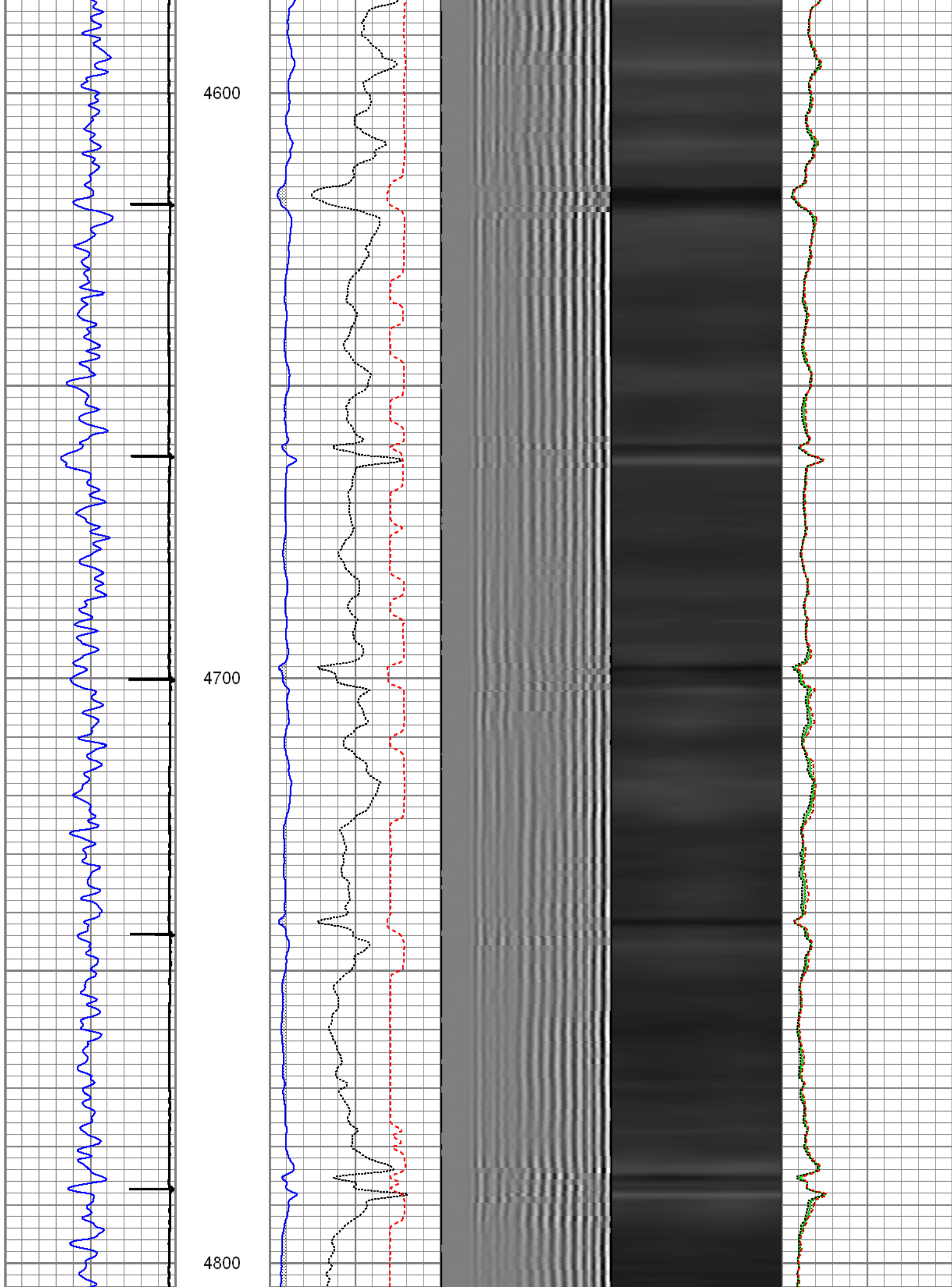


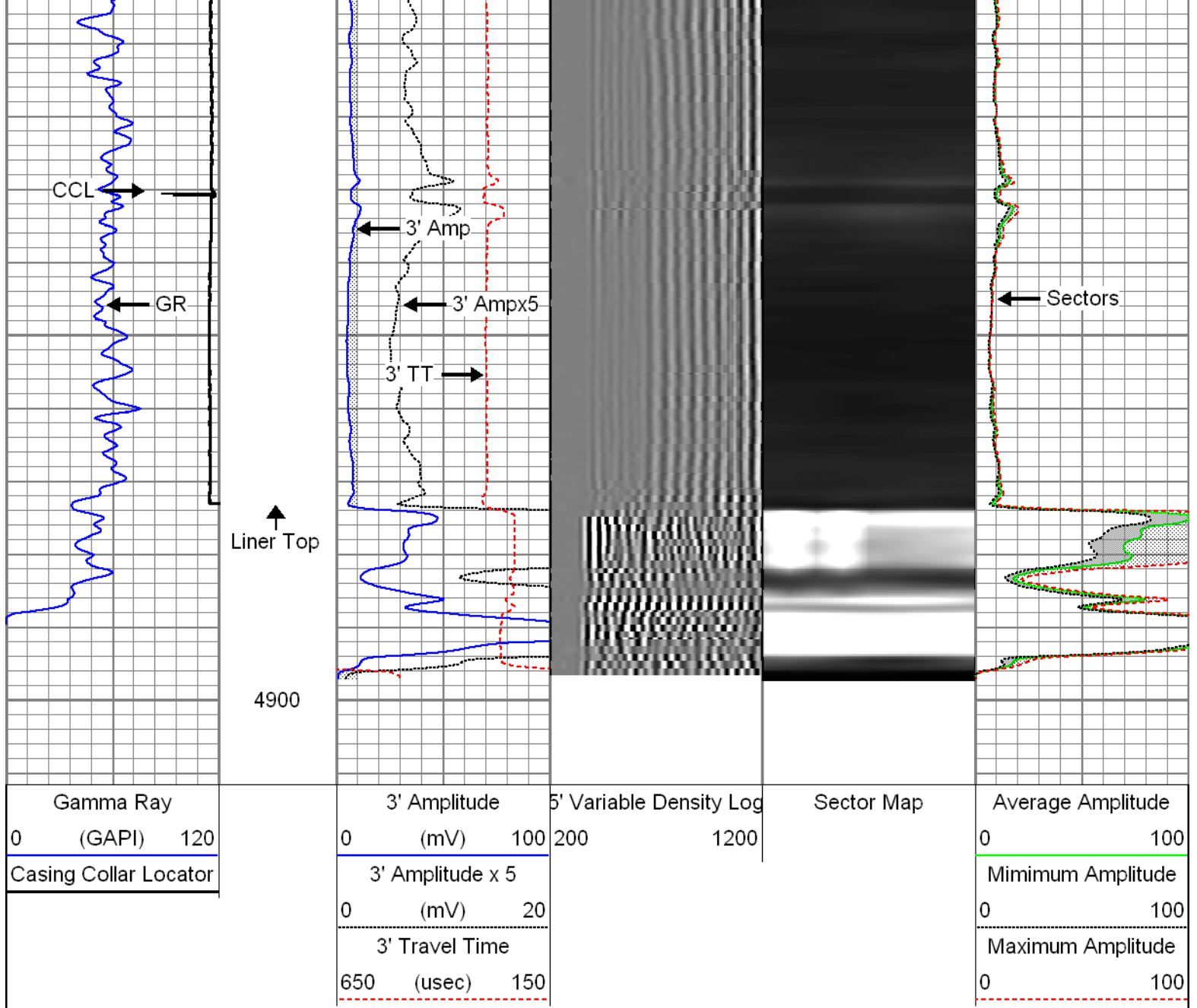


4600

4700

4800

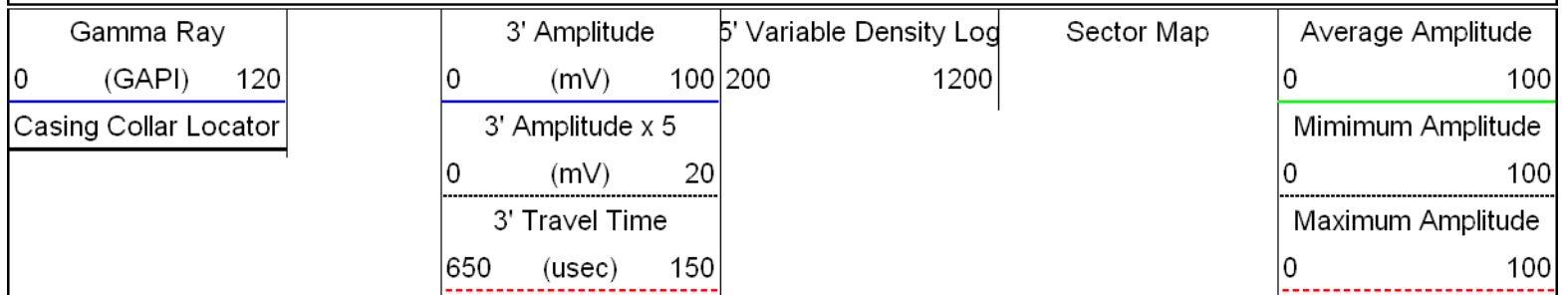


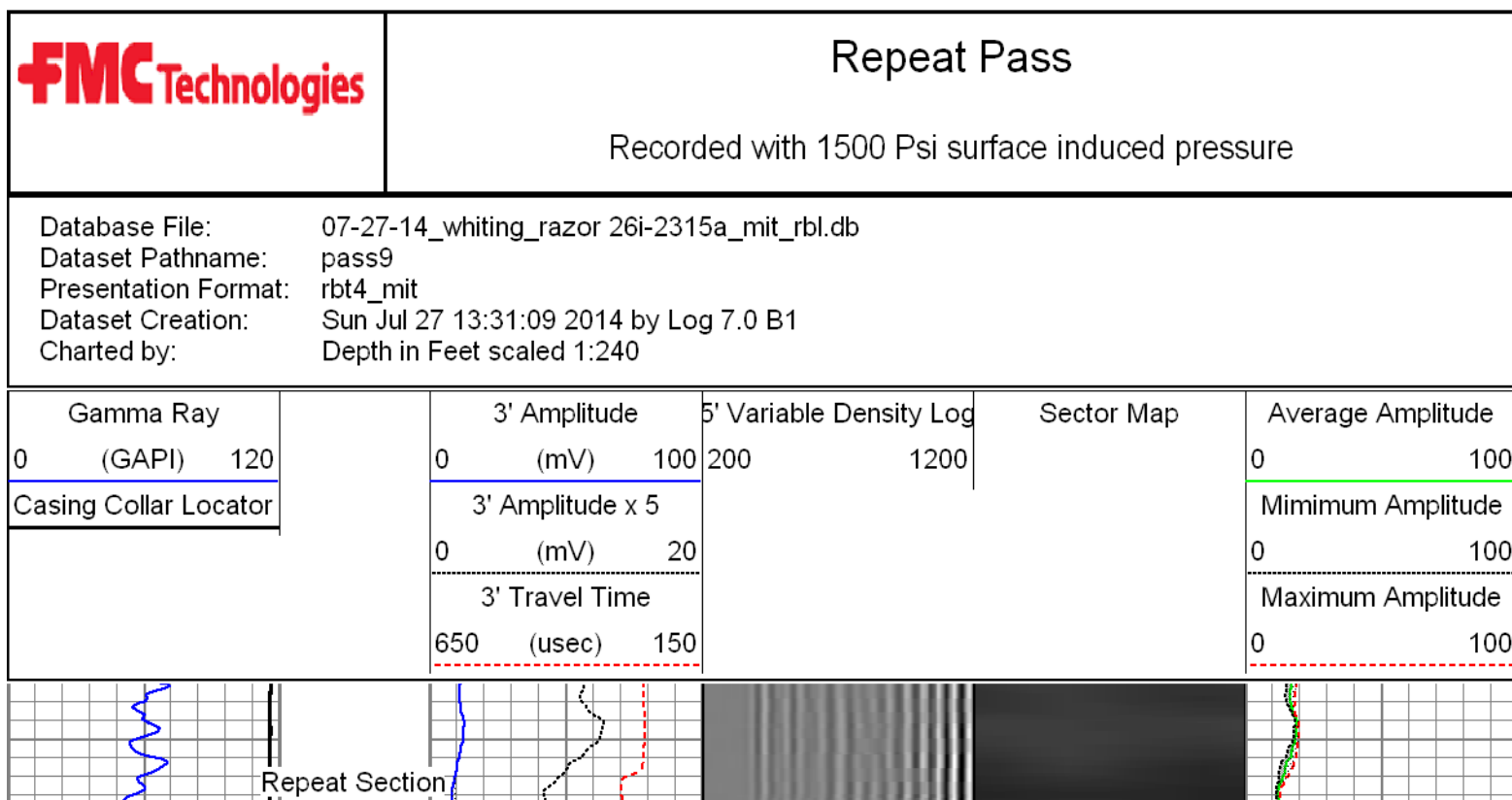
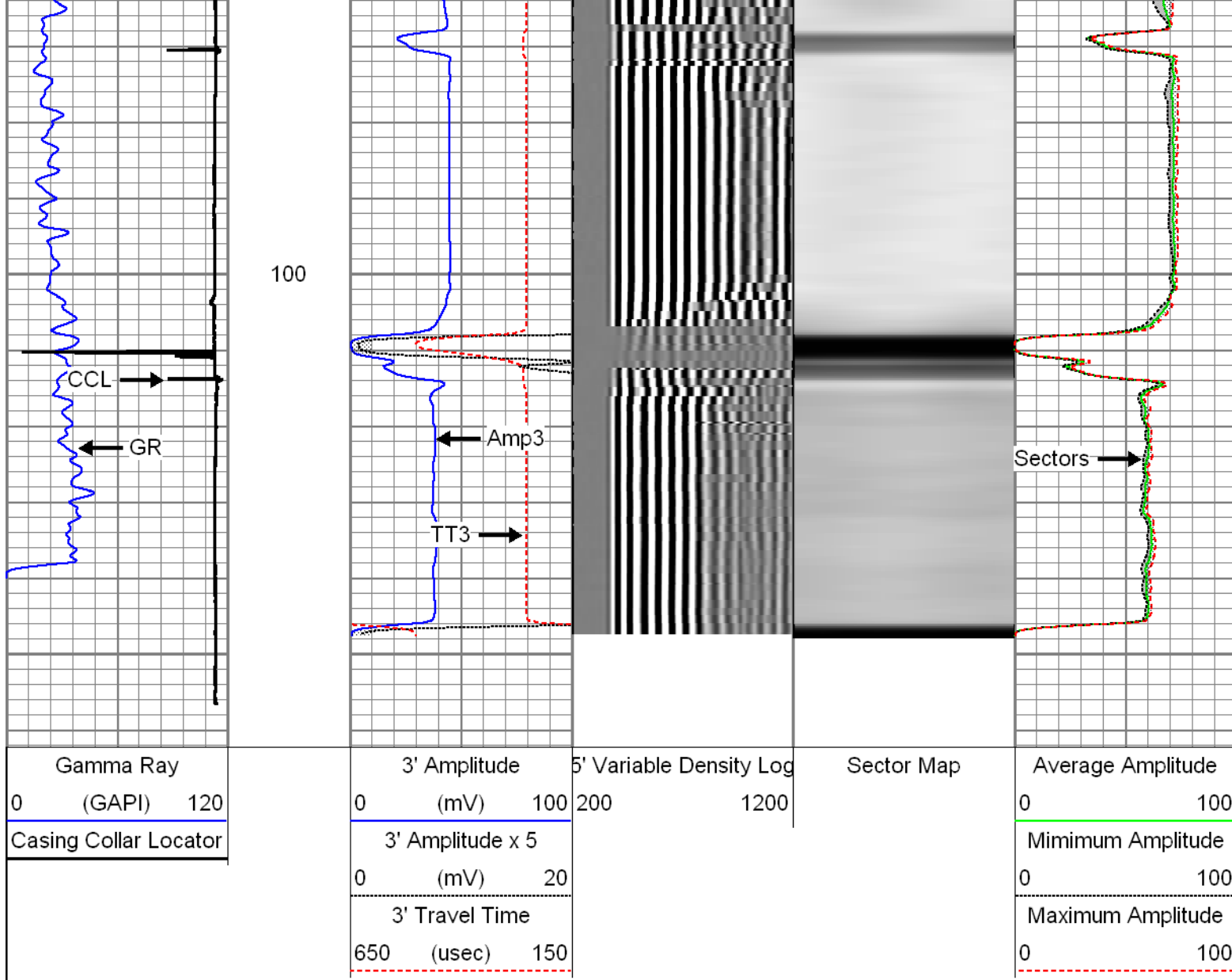


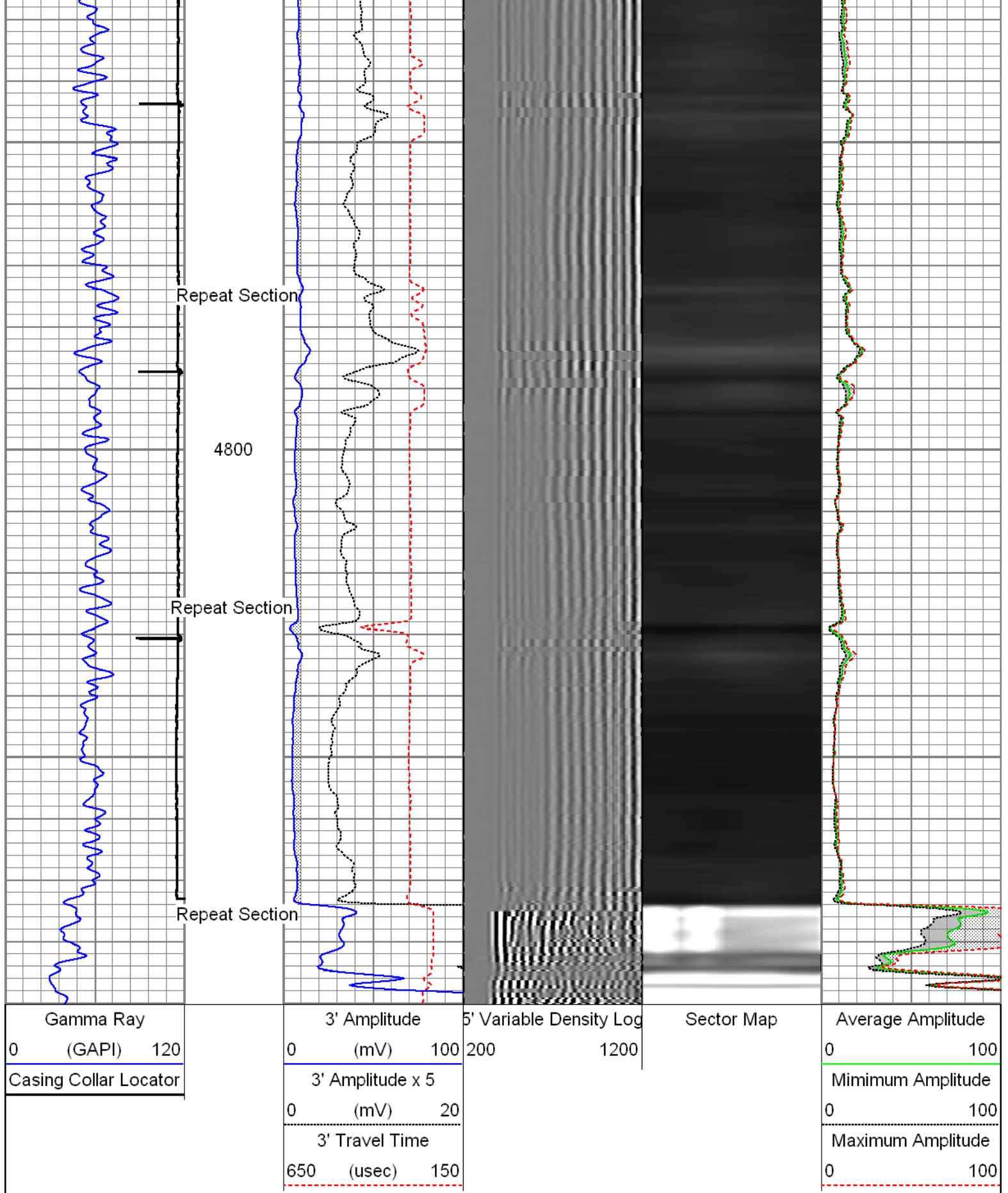
Anomaly Verification Pass



Recorded with 1500 Psi surface induced pressure

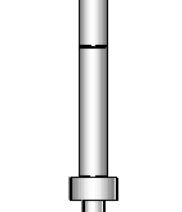
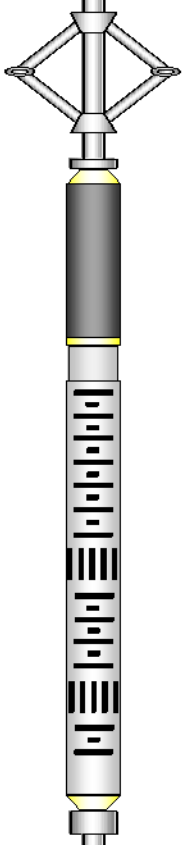
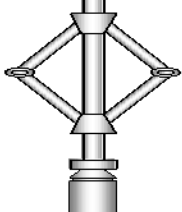
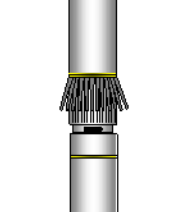
Database File: 07-27-14_whiting_razor 26i-2315a_mit_rbl.db
 Dataset Pathname: pass11
 Presentation Format: rbt4_mit
 Dataset Creation: Sun Jul 27 15:20:08 2014 by Log 7.0 B1
 Charted by: Depth in Feet scaled 1:240







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

GR	23.67		Sondex Adapter - GO Box to Sondex Pin			
			UW_XTU-UW_XTU_002 (10010519) 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
WVFS1 WVFS2 WVFS3 WVFS4 WVFS5 WVFS6 WVFS7 WVFS8 CBLTEMP CBLROT WVF5FT	15.85 15.85 15.85 15.85 15.85 15.85 15.85 15.85 15.85 15.85 14.85		UW_PRC #3 -UW_PRC_057 (1102) Sondex 2-3/4" 4-Arm Production Roller Centraliser	2.98	2.75	32.00
			UW_RBT-UW_RBT_004 (1063) Sondex Ultrawire 3-1/8" Radial Bond Tool	9.47	3.13	140.00
			UW_PRC #4 -UW_PRC_057 (1038) Sondex 2-3/4" 4-Arm Production Roller Centraliser	2.98	2.75	32.00
			UW_MIT-UW_MIT40_042 (10012912) 40 Multifinger Imaging Tool	4.54	2.75	61.10
			UW_PRC-UW_PRC_057 (1037) Sondex 2-3/4" 4-Arm Production Roller Centraliser	2.98	2.75	32.00
			UW_BUL-UW_BUL_006 (218707) Sondex Ultrawire Bullnose Terminator	0.22	1.69	1.20
MIT	5.41					
TSTAMP	0.00					
Dataset: 07-27-14_Whiting_Razor 26I-2315A_MIT_RBL.db: field/well/run1/pass10 Total Length: 27.92 ft Total Weight: 319.30 lb O.D. 3.13 in						

Calibration Report

Database File: 07-27-14_Whiting_Razor 26I-2315A_MIT_RBL.db
Dataset Pathname: pass12
Dataset Creation: Sun Jul 27 15:28:07 2014 by Log 7.0 B1

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

		Inc X	Inc Y
Vertical:		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: Sun Jul 27 15:28:00 2014

Ring size:	4		5		6		7
(in)		Sens		Sens		Sens	
Finger 01:	1074	347.0	1421	386.0	1807	404.0	2211
Finger 02:	1203	356.0	1559	386.0	1945	397.0	2342
Finger 03:	1094	360.0	1454	404.0	1858	423.0	2281
Finger 04:	1105	350.0	1455	391.0	1846	414.0	2260
Finger 05:	1110	360.0	1470	398.0	1868	419.0	2287
Finger 06:	1101	360.0	1461	395.0	1856	418.0	2274
Finger 07:	1096	361.0	1457	401.0	1858	422.0	2280
Finger 08:	1113	358.0	1471	393.0	1864	422.0	2286
Finger 09:	1100	361.0	1461	394.0	1855	421.0	2276
Finger 10:	1097	358.0	1455	393.0	1848	420.0	2268
Finger 11:	1105	362.0	1467	391.0	1858	420.0	2278
Finger 12:	1101	356.0	1457	392.0	1849	421.0	2270
Finger 13:	1106	361.0	1467	387.0	1854	416.0	2270
Finger 14:	1082	363.0	1445	398.0	1843	428.0	2271
Finger 15:	1041	371.0	1412	408.0	1820	442.0	2262
Finger 16:	1054	370.0	1424	408.0	1832	441.0	2273
Finger 17:	1022	367.0	1389	406.0	1795	447.0	2242
Finger 18:	1103	360.0	1463	391.0	1854	423.0	2277
Finger 19:	1064	362.0	1426	398.0	1824	430.0	2254
Finger 20:	1032	365.0	1397	408.0	1805	443.0	2248
Finger 21:	1052	371.0	1423	407.0	1830	424.0	2254
Finger 22:	1019	366.0	1385	409.0	1794	439.0	2233
Finger 23:	989	368.0	1357	420.0	1777	448.0	2225
Finger 24:	1048	361.0	1409	396.0	1805	410.0	2215
Finger 25:	1007	365.0	1372	416.0	1788	437.0	2225
Finger 26:	1134	354.0	1488	386.0	1874	400.0	2274
Finger 27:	1078	362.0	1440	406.0	1846	418.0	2264
Finger 28:	1110	354.0	1464	393.0	1857	403.0	2260
Finger 29:	1065	363.0	1428	410.0	1838	425.0	2263
Finger 30:	1083	358.0	1441	402.0	1843	413.0	2256
Finger 31:	1112	354.0	1466	395.0	1861	407.0	2268
Finger 32:	1096	362.0	1458	412.0	1870	415.0	2285
Finger 33:	1161	350.0	1511	385.0	1896	381.0	2277
Finger 34:	1137	347.0	1484	392.0	1876	400.0	2276
Finger 35:	1074	364.0	1438	419.0	1857	428.0	2285
Finger 36:	1099	355.0	1454	402.0	1856	412.0	2268
Finger 37:	1136	354.0	1490	395.0	1885	403.0	2288
Finger 38:	1162	348.0	1510	387.0	1897	388.0	2285
Finger 39:	1159	344.0	1503	384.0	1887	395.0	2282
Finger 40:	1115	355.0	1470	397.0	1867	411.0	2278

Segmented Cement Bond Log Calibration Report

Serial Number: 1063
 Tool Model: UW_RBT_004
 Calibration Casing Diameter: 7.000 in
 Calibration Depth: 106.500 ft

Master Calibration, performed Sun Jul 27 13:04:57 2014:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	-0.002	0.862	0.800	62.165	70.999	0.973
5FT	-0.005	0.962	0.800	62.165	63.454	1.110
S1	-0.004	0.881	0.000	100.000	113.043	0.414
S2	-0.005	0.904	0.000	100.000	110.058	0.537
S3	-0.002	0.898	0.000	100.000	111.006	0.271
S4	-0.004	0.894	0.000	100.000	111.339	0.450
S5	-0.002	0.862	0.000	100.000	115.710	0.282
S6	-0.003	0.834	0.000	100.000	119.386	0.391
S7	-0.002	0.837	0.000	100.000	119.072	0.291
S8	-0.002	0.849	0.000	100.000	117.442	0.287

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 and Gas Corporation
 Well Razor 26I-2315A
 Field Wildcat
 County Weld
 State Colorado