



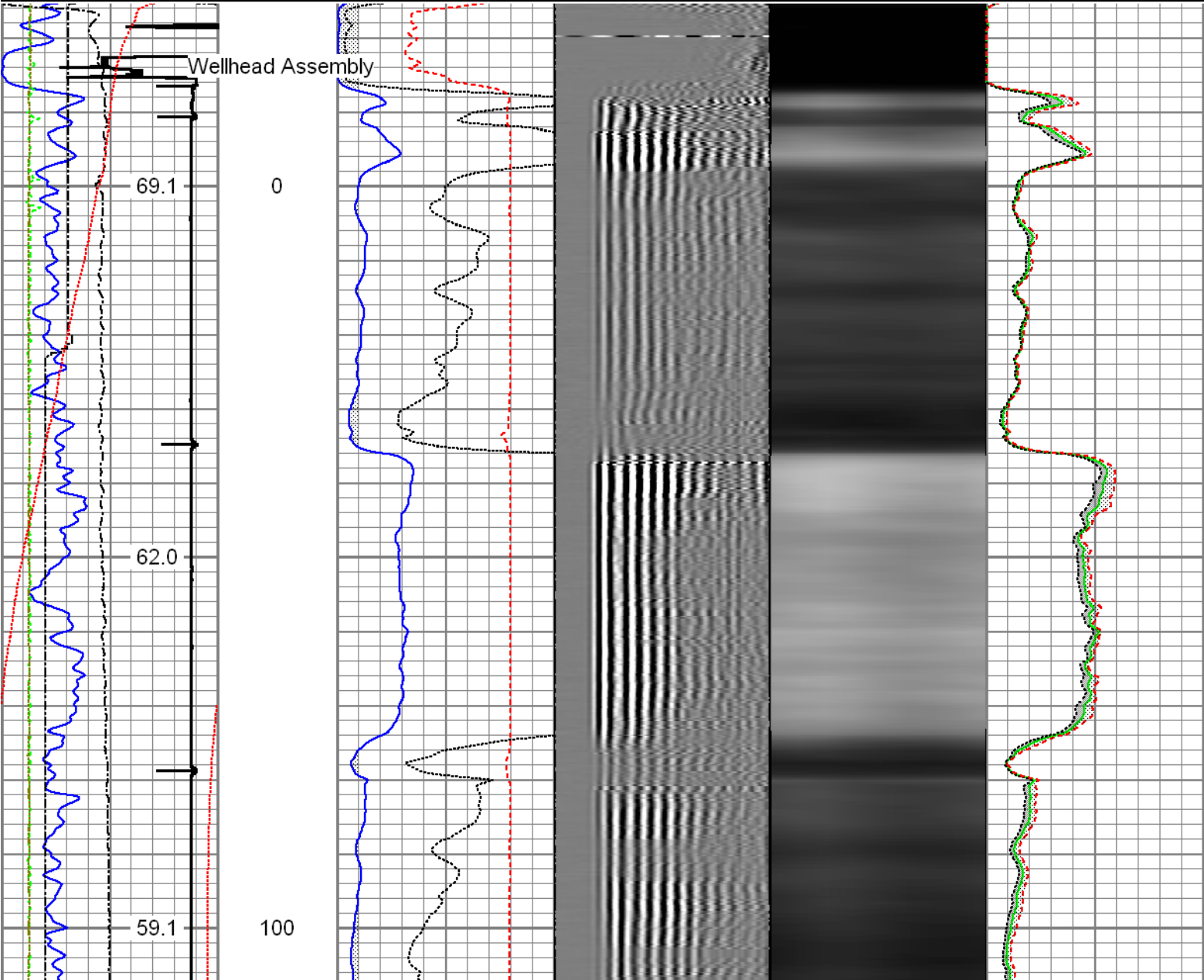
<<< Fold Here >>>
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible 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 liner top at 6609 FT Adjusted -23 FT to correlate to liner top Gauge Ring/Junk Basket ran to 7020 FT Log ran from as deep as possible in heel to surface Log ran with 2800 PSI surface induced pressure Logging tools were clean and free of debris upon completion of operations Thank you for choosing FMC Technologies Completion Services, Inc.!!

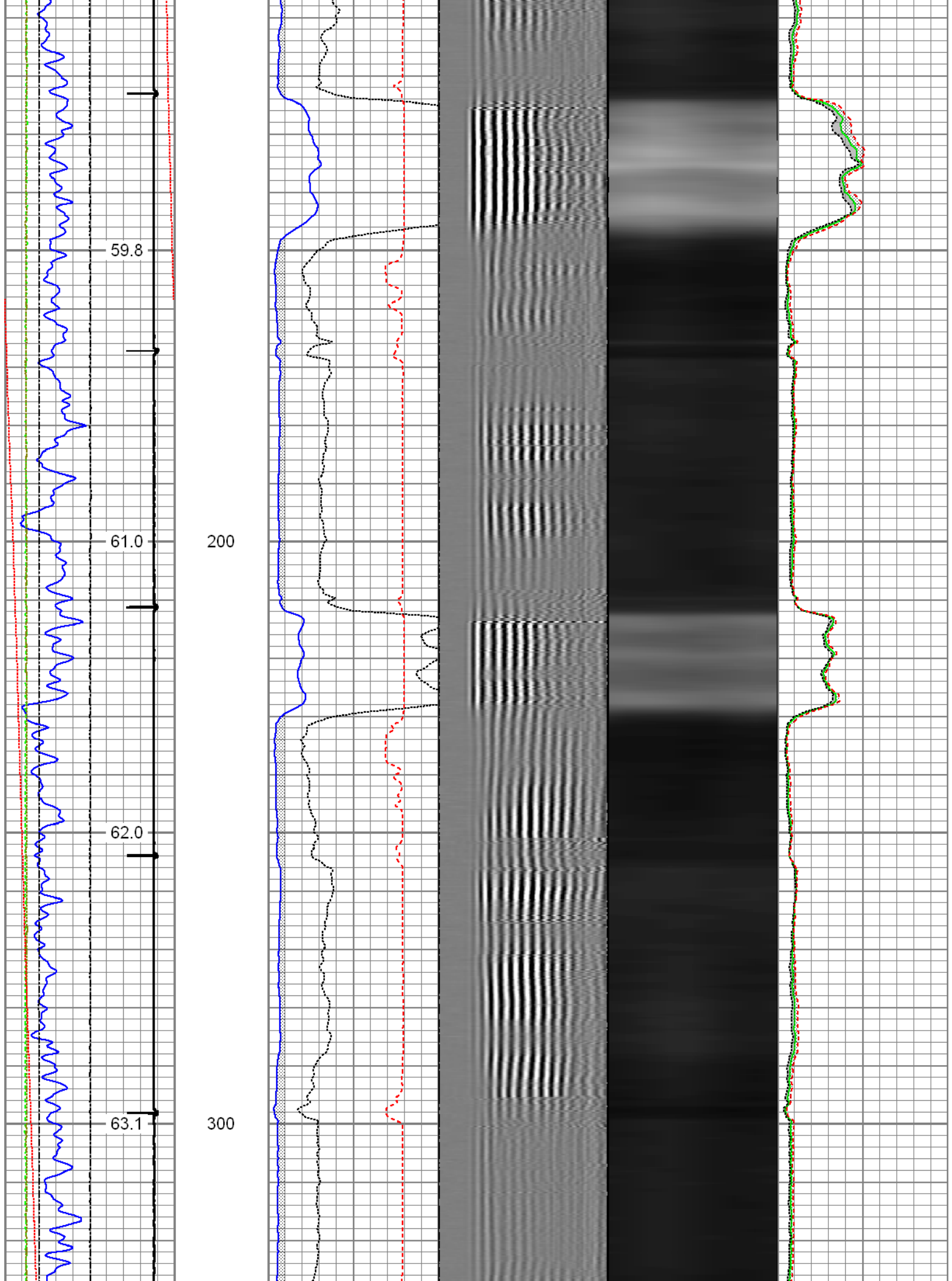


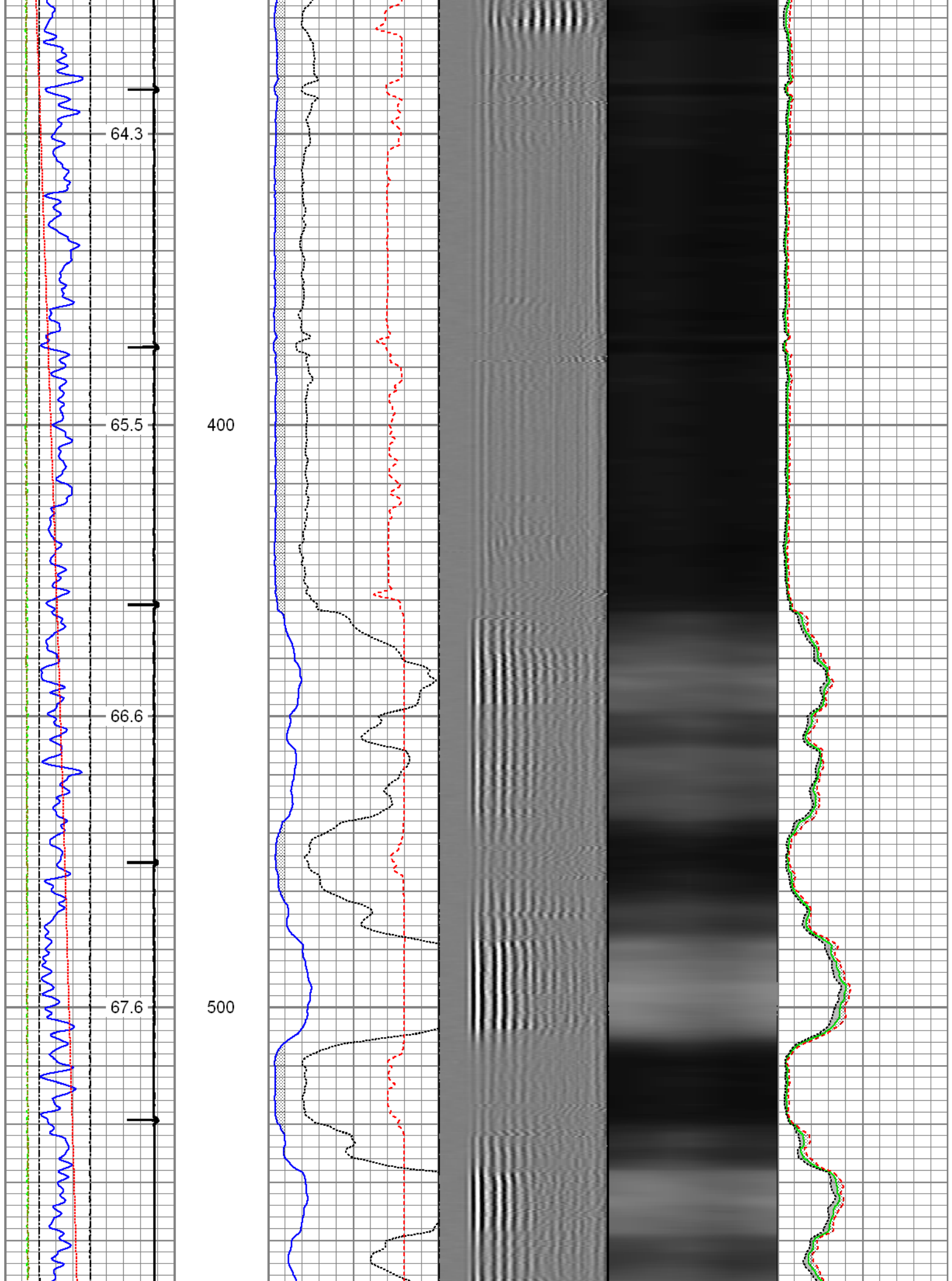
Recorded with 2800 PSI Surface Induced Pressure

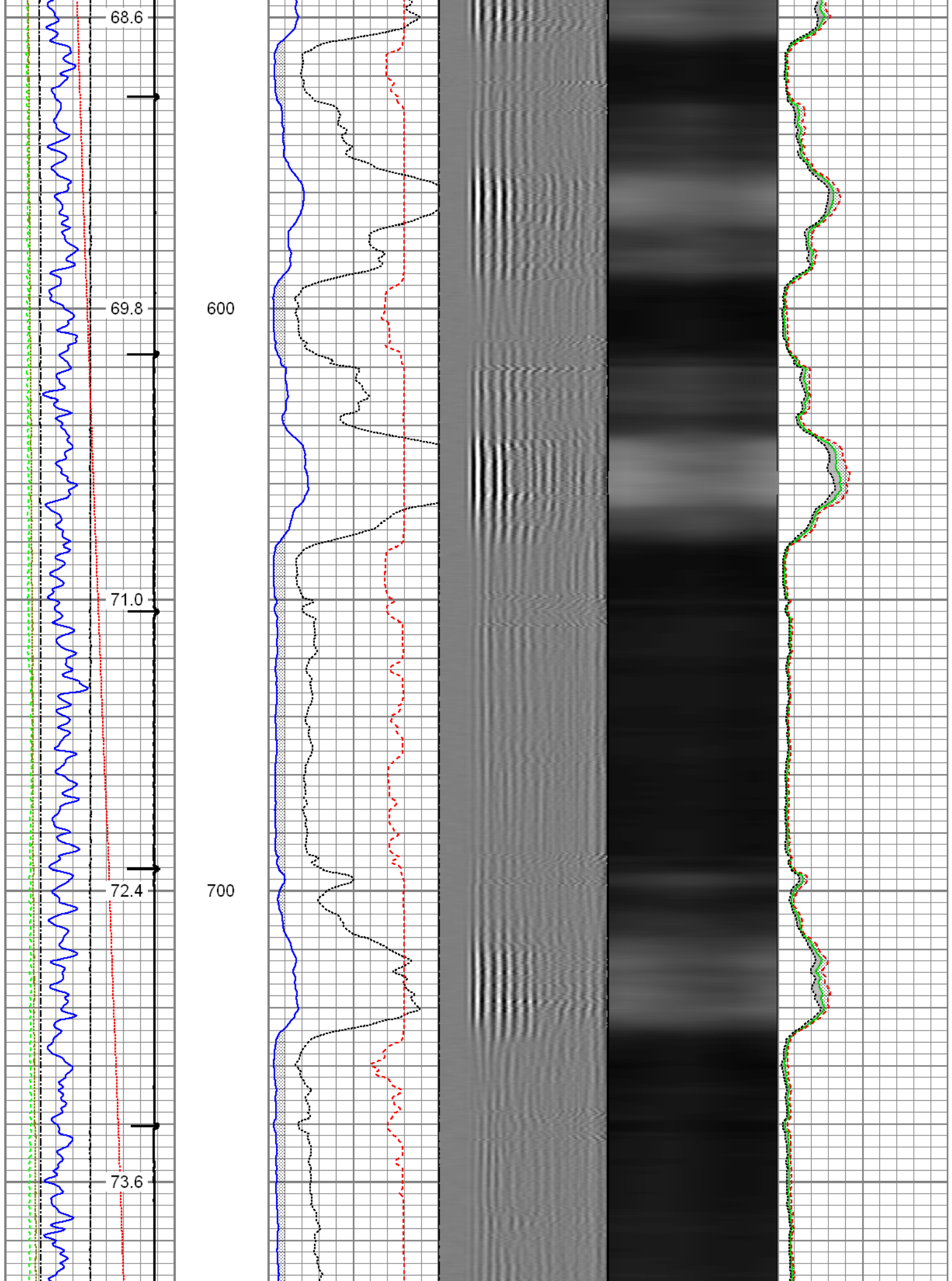
Database File: 0512341006_anadarko_milk 36c-28hz_07-28-15_mit_rbl.db
Dataset Pathname: pass9
Presentation Format: rbt4_mit
Dataset Creation: Tue Jul 28 12:23:54 2015 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

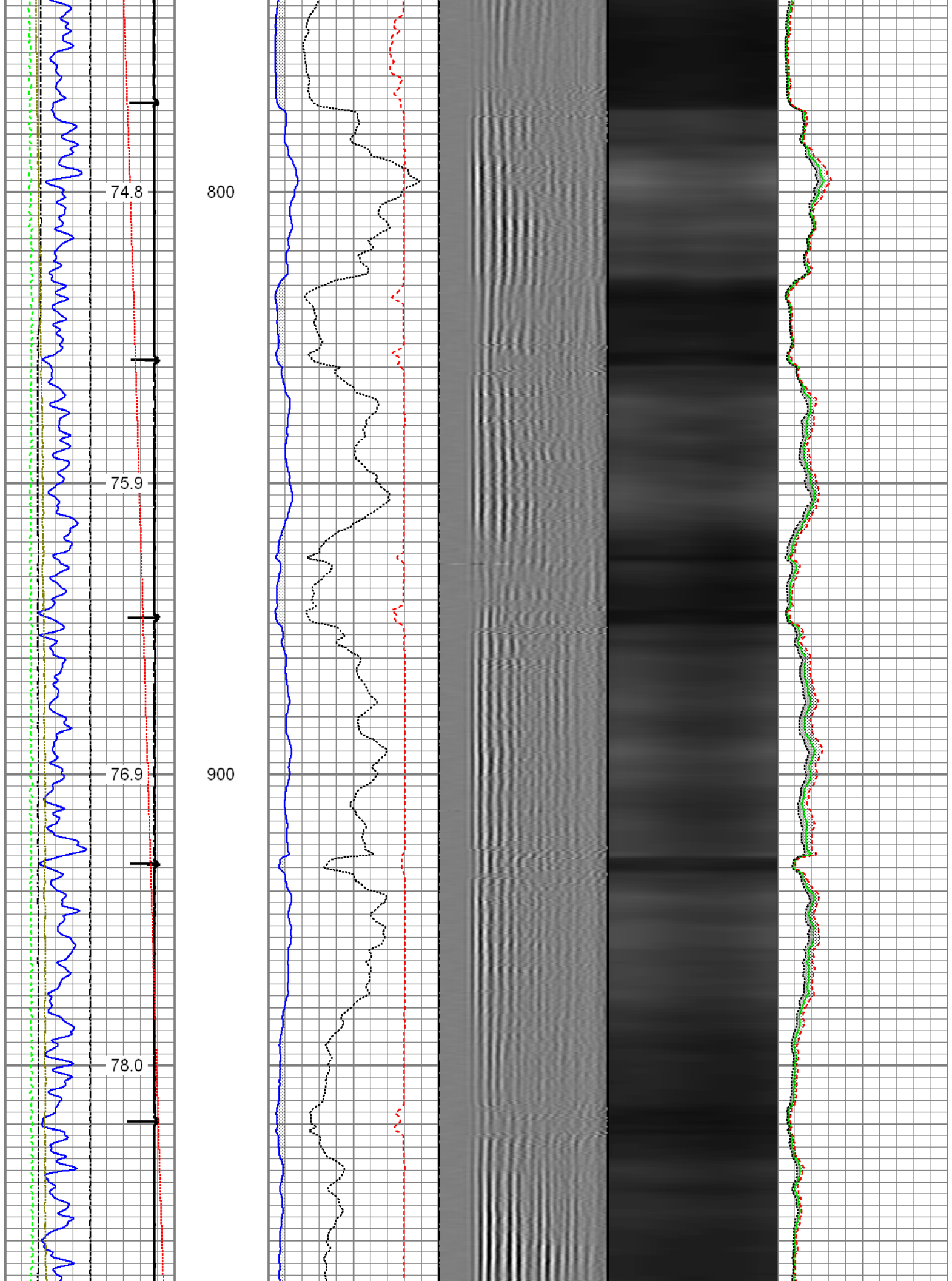
Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 120	0 (mV) 100	200 1200		0 100
Casing Collar Locator	3' Amplitude x 5			Minimum Amplitude
Line Speed	0 (mV) 20			0 100
-100 (ft/min) 100	3' Travel Time			Maximum Amplitude
Line Tension	650 (usec) 150			0 100
0 (lb) 2000				
Differential Temperature				
-2 (degF) 2				
-10 Deviation (°) 90				
Temperature				
0 (degF) 20				

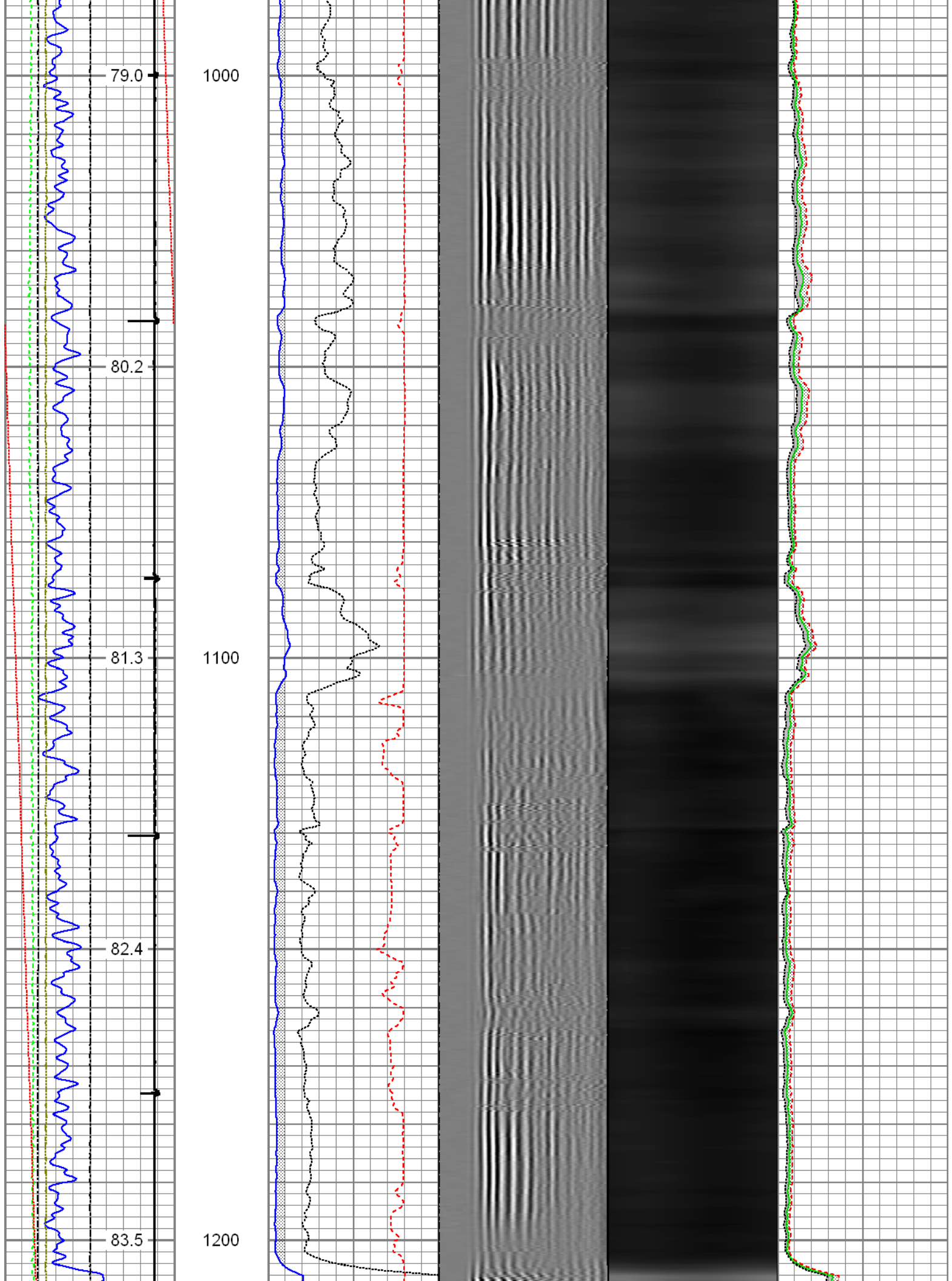


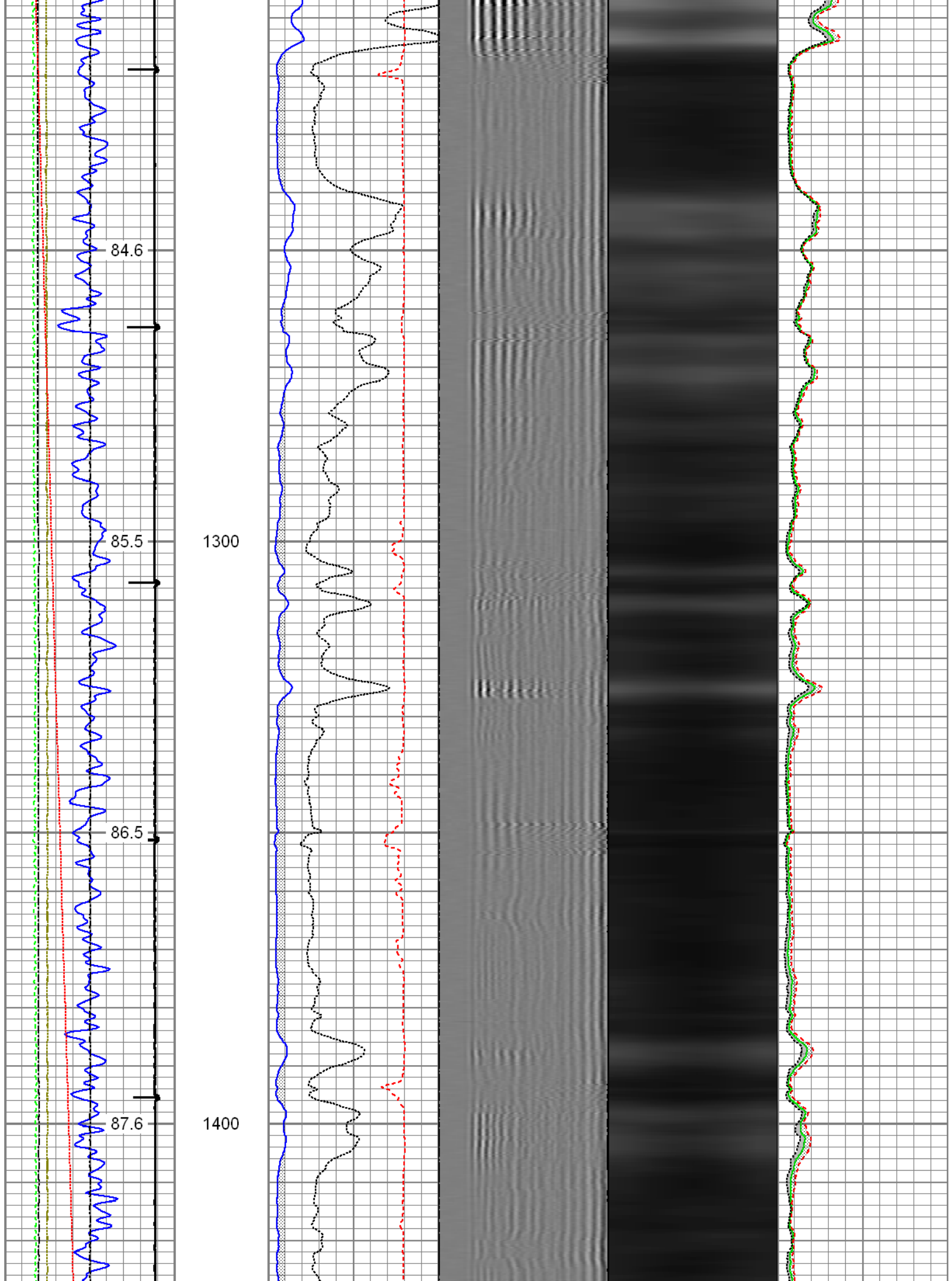


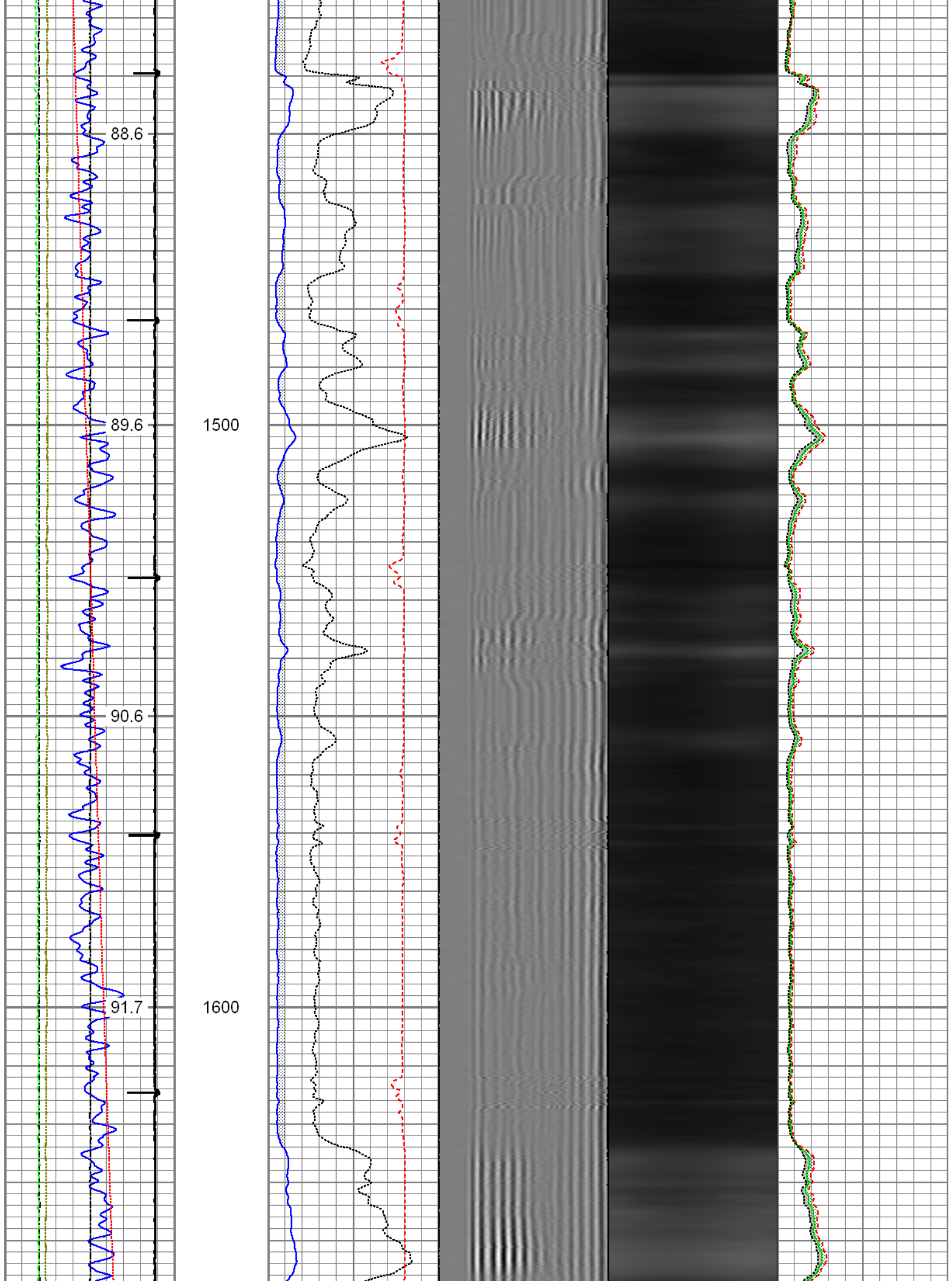


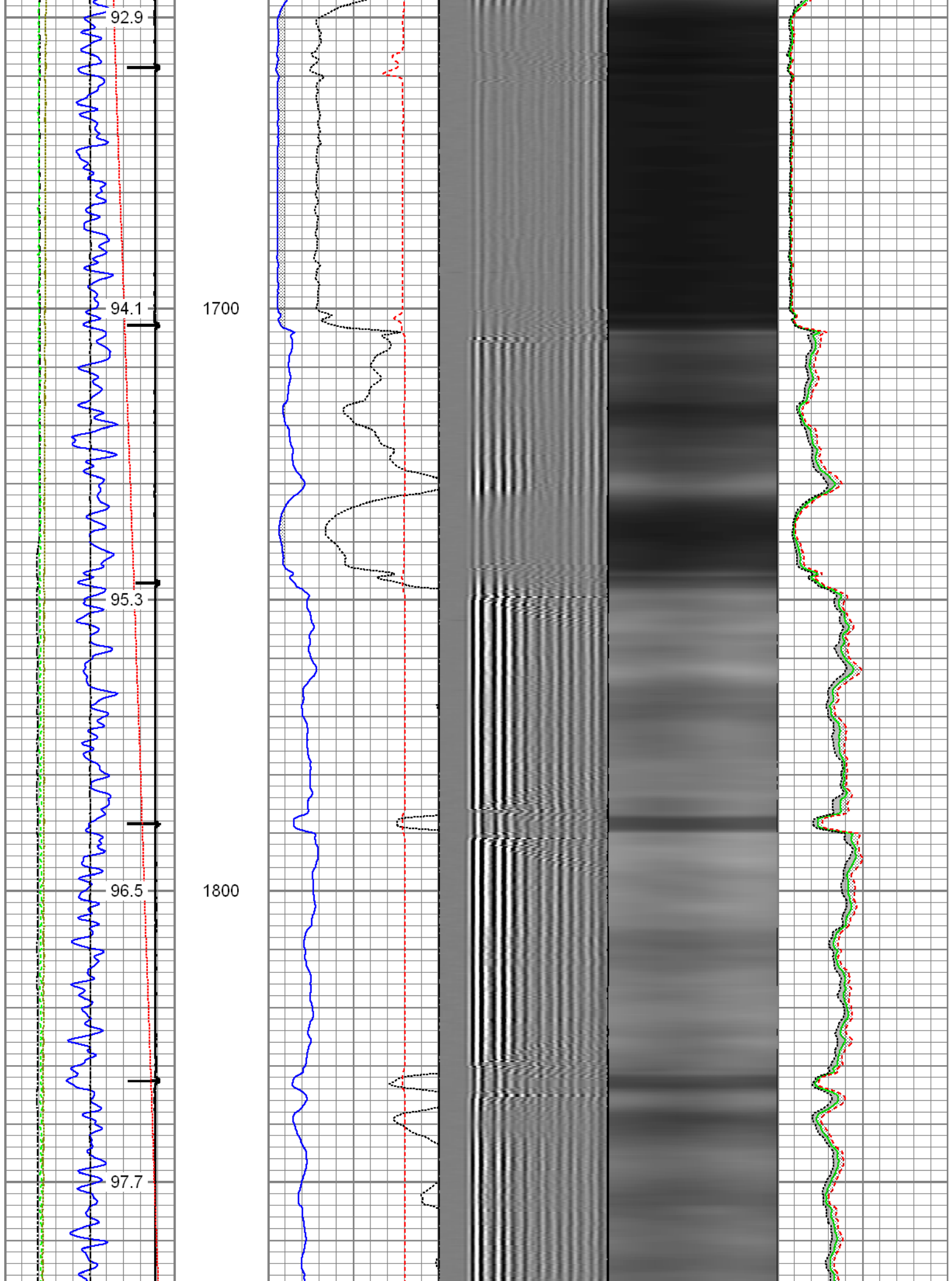


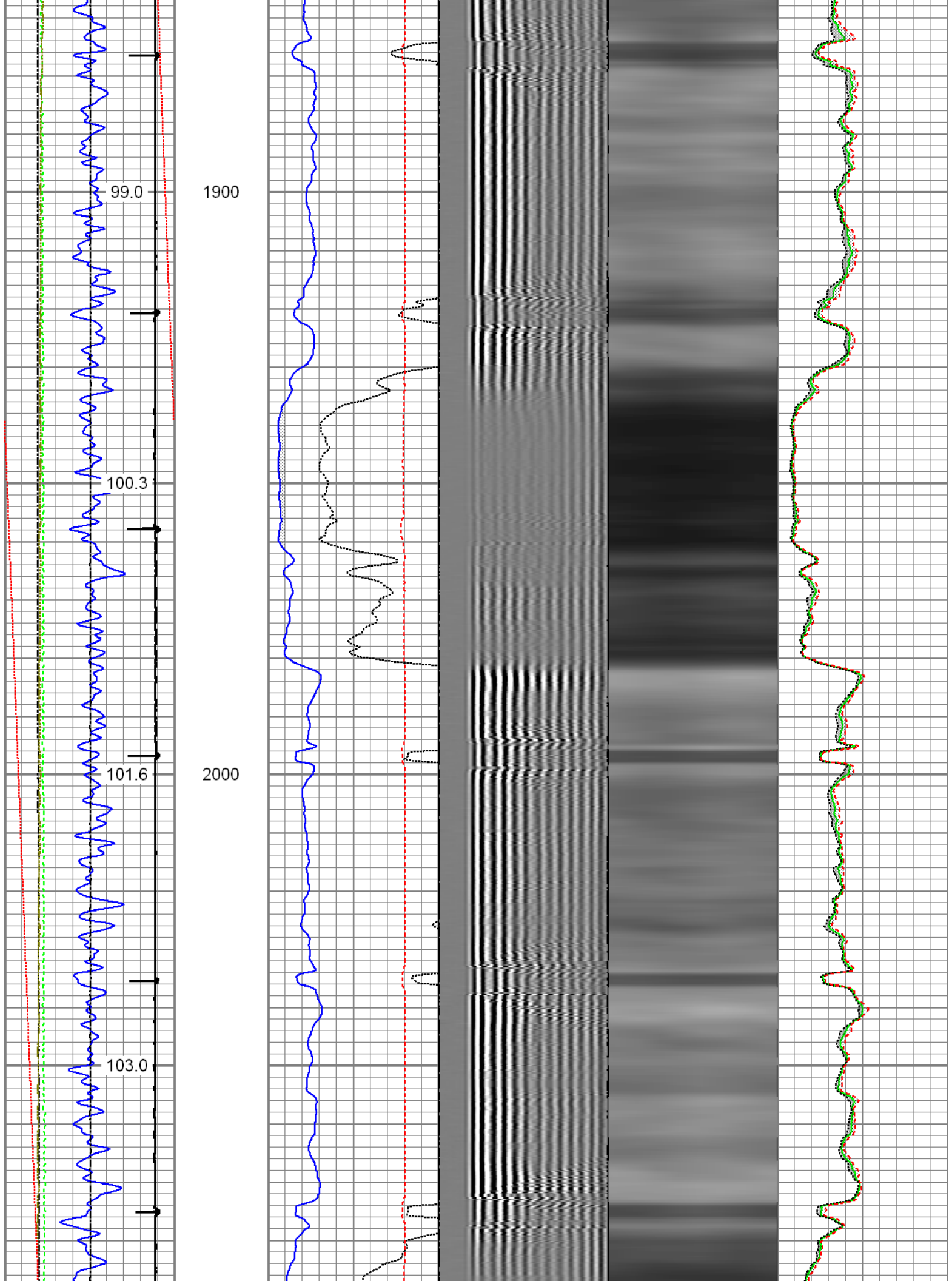


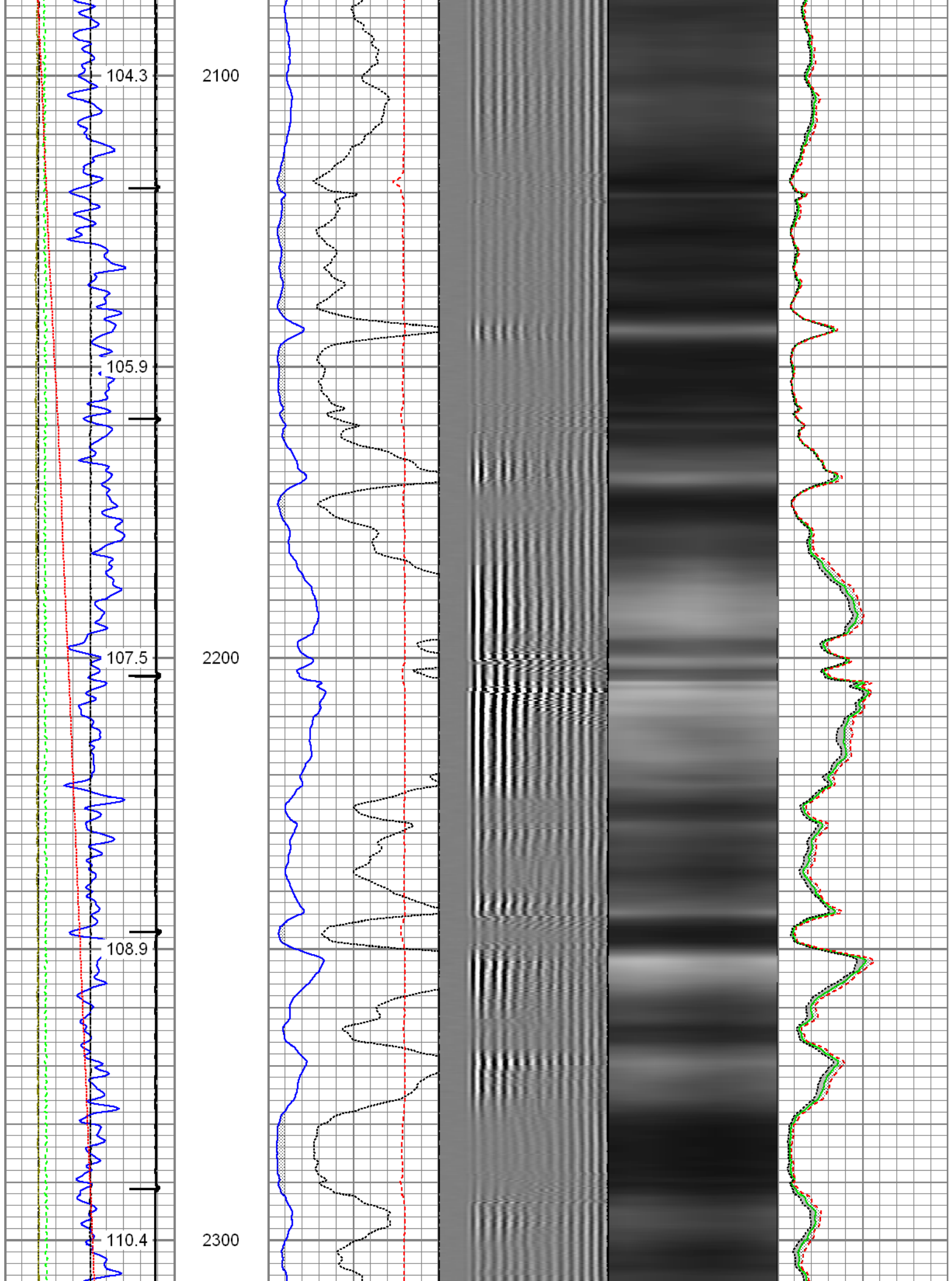


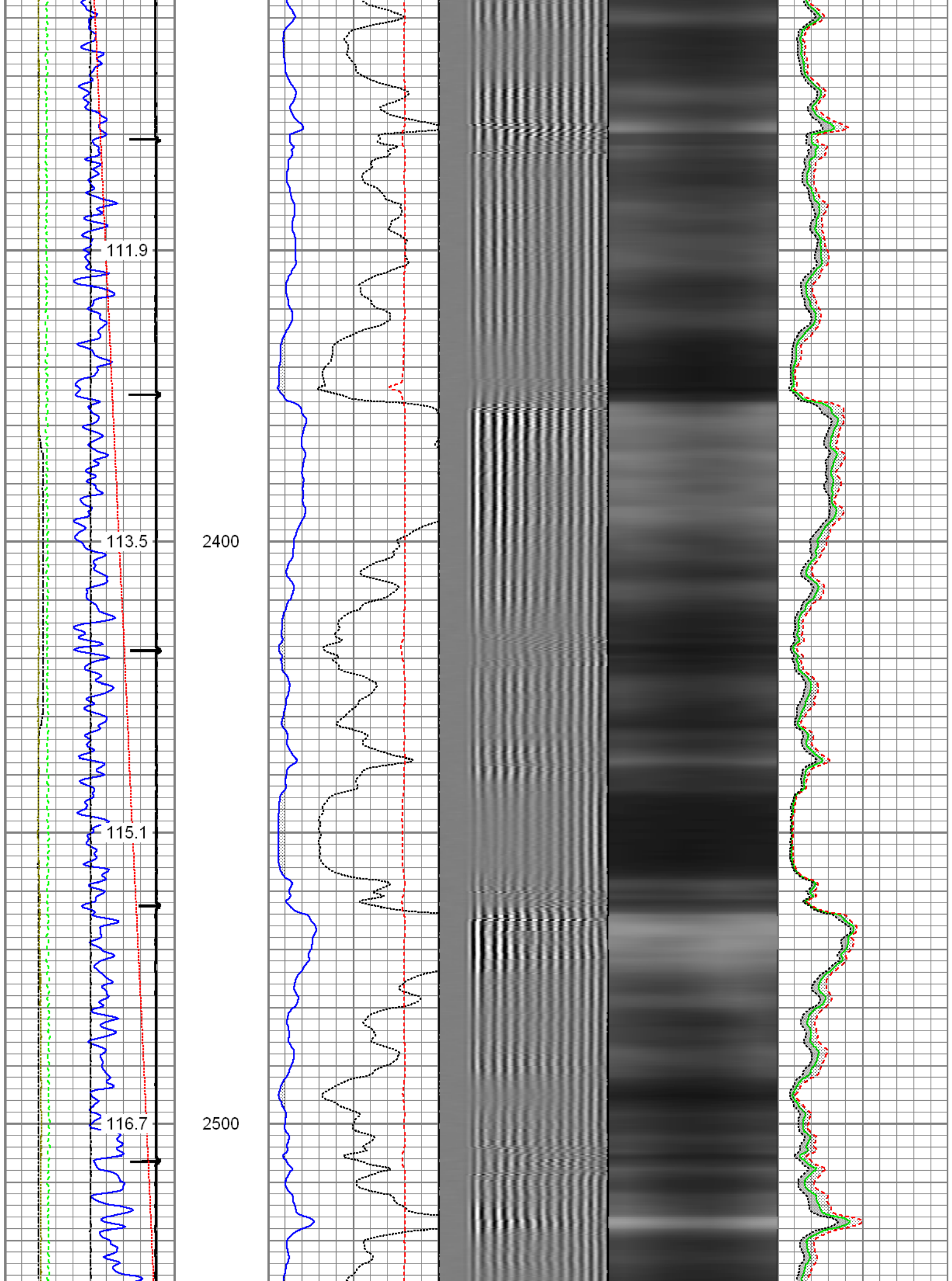


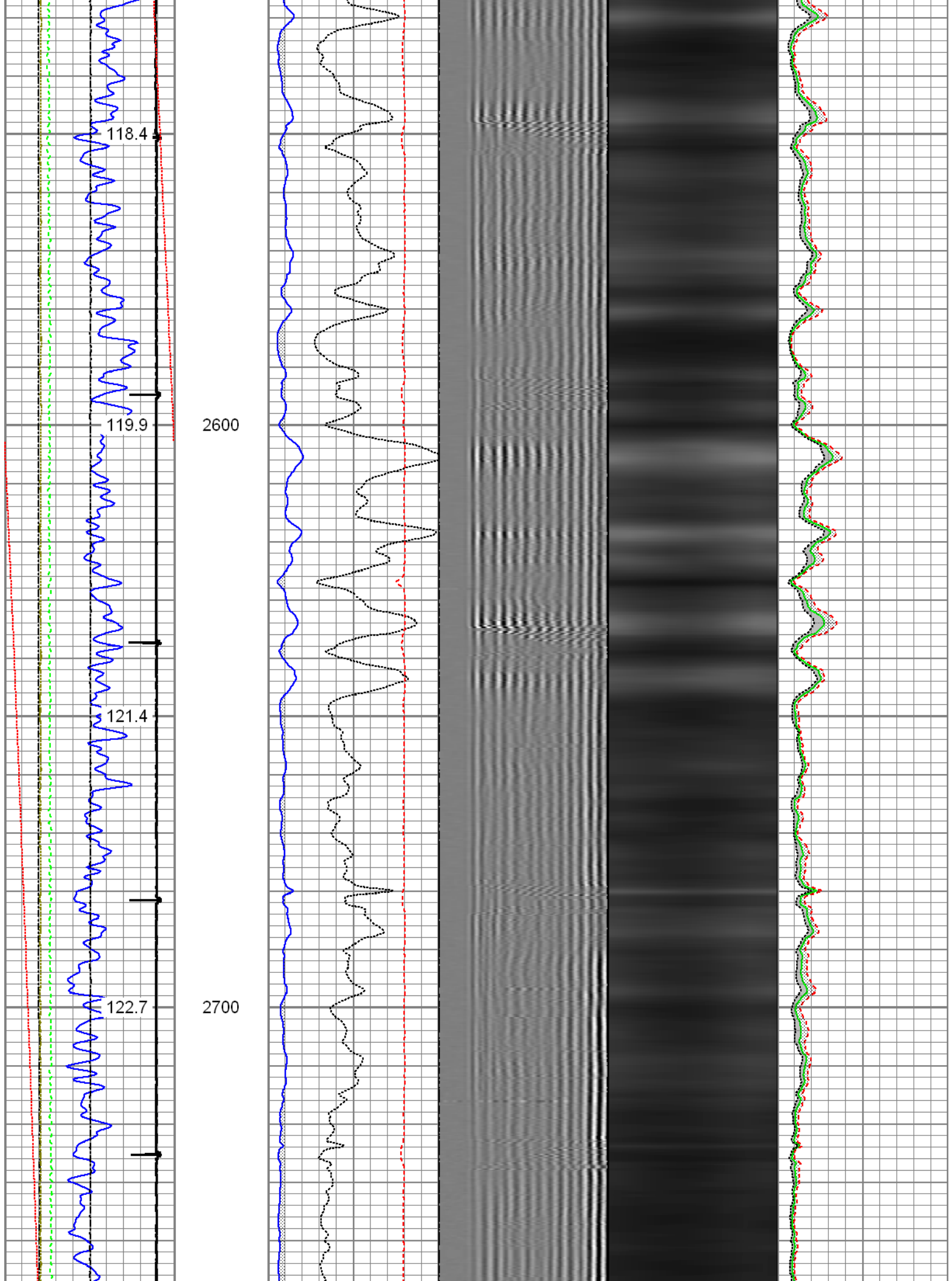


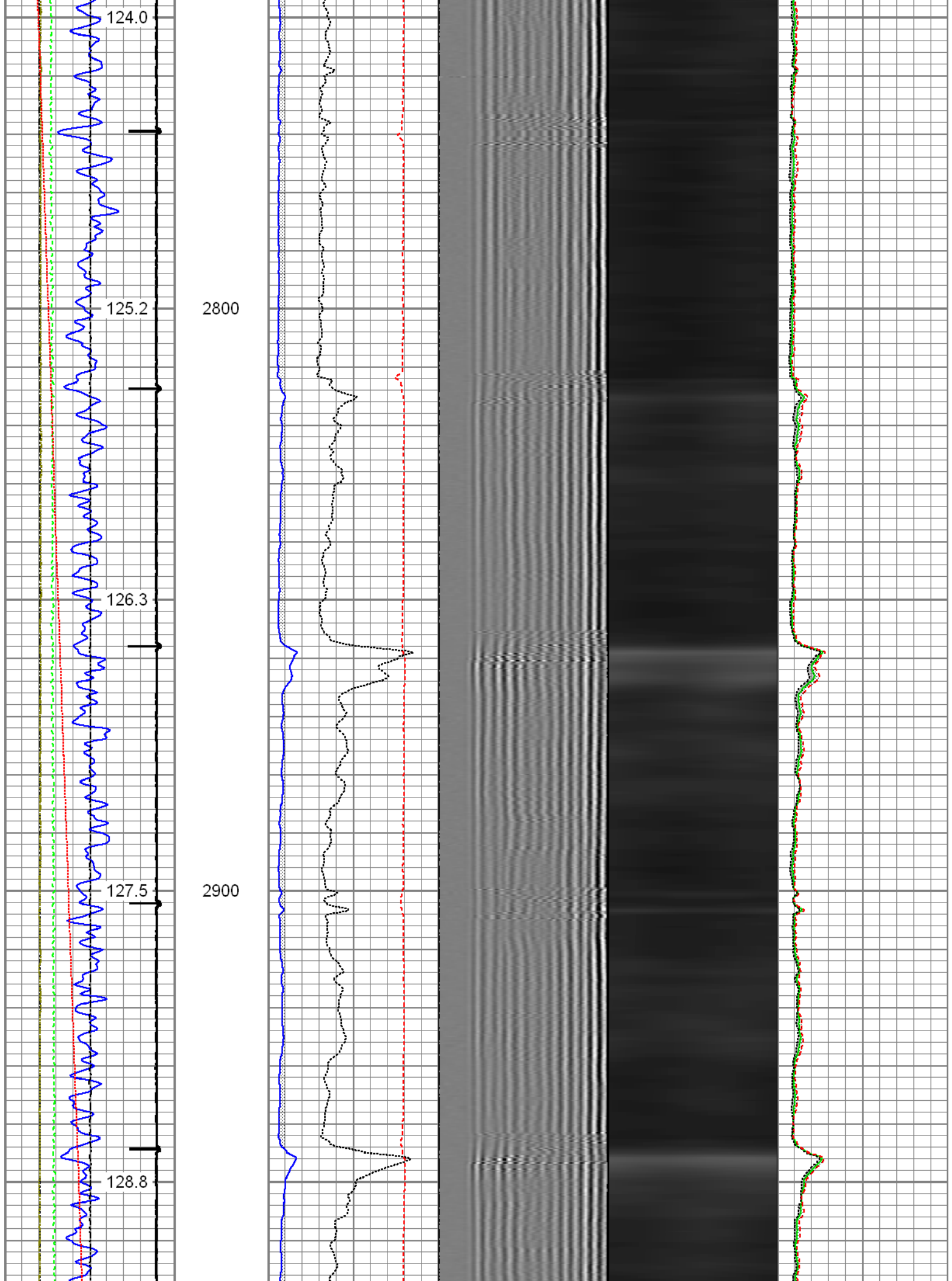


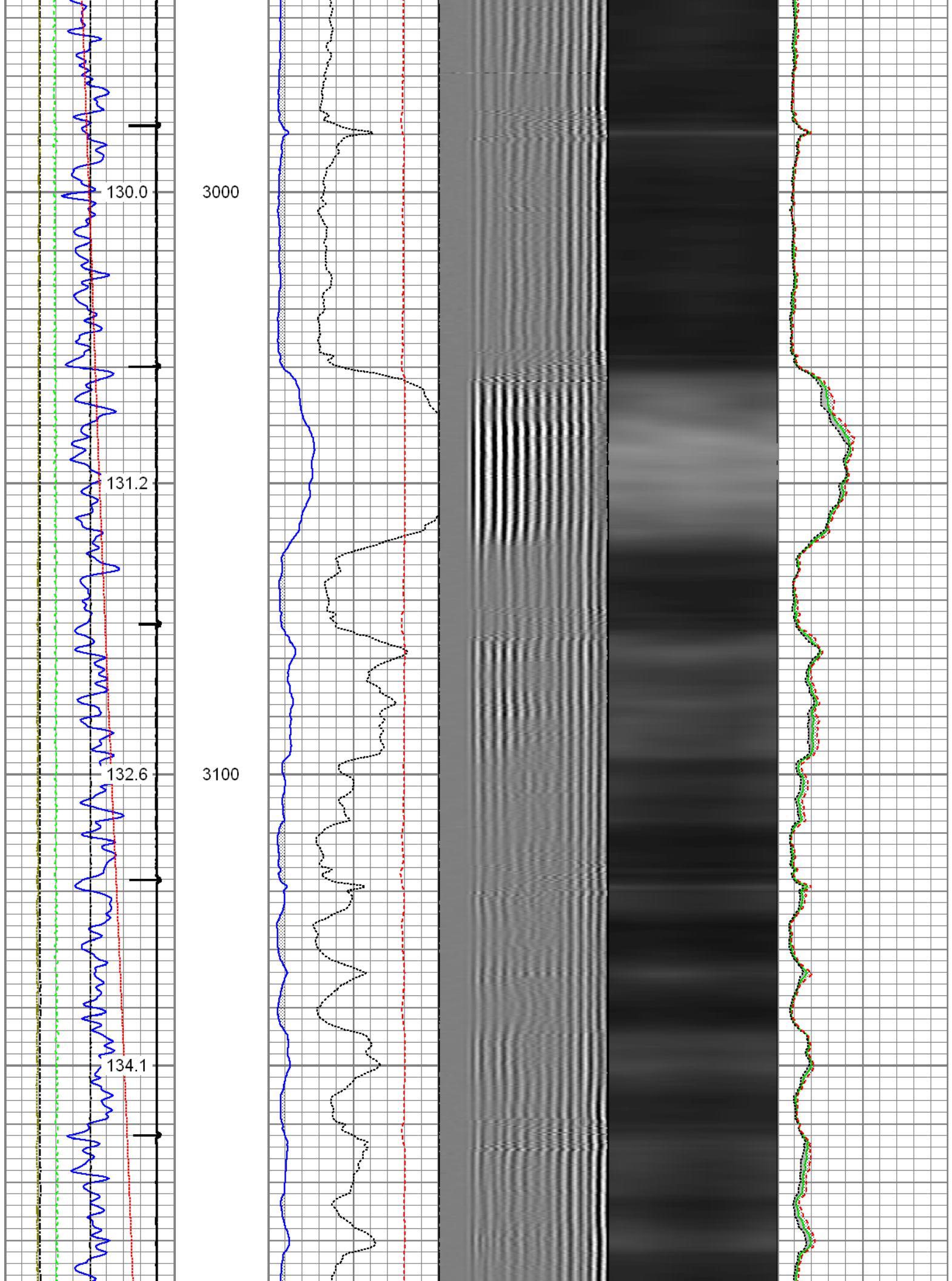


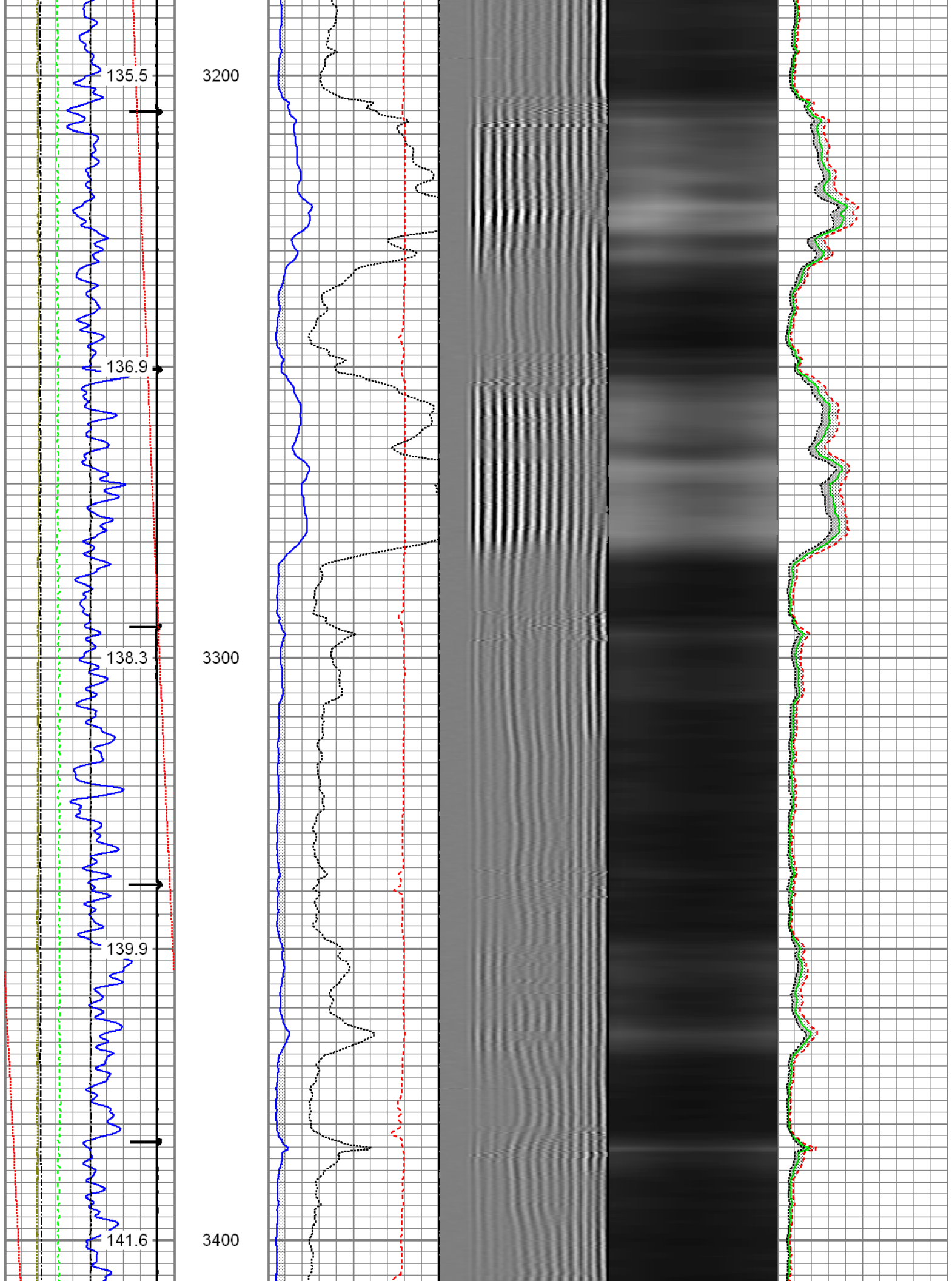


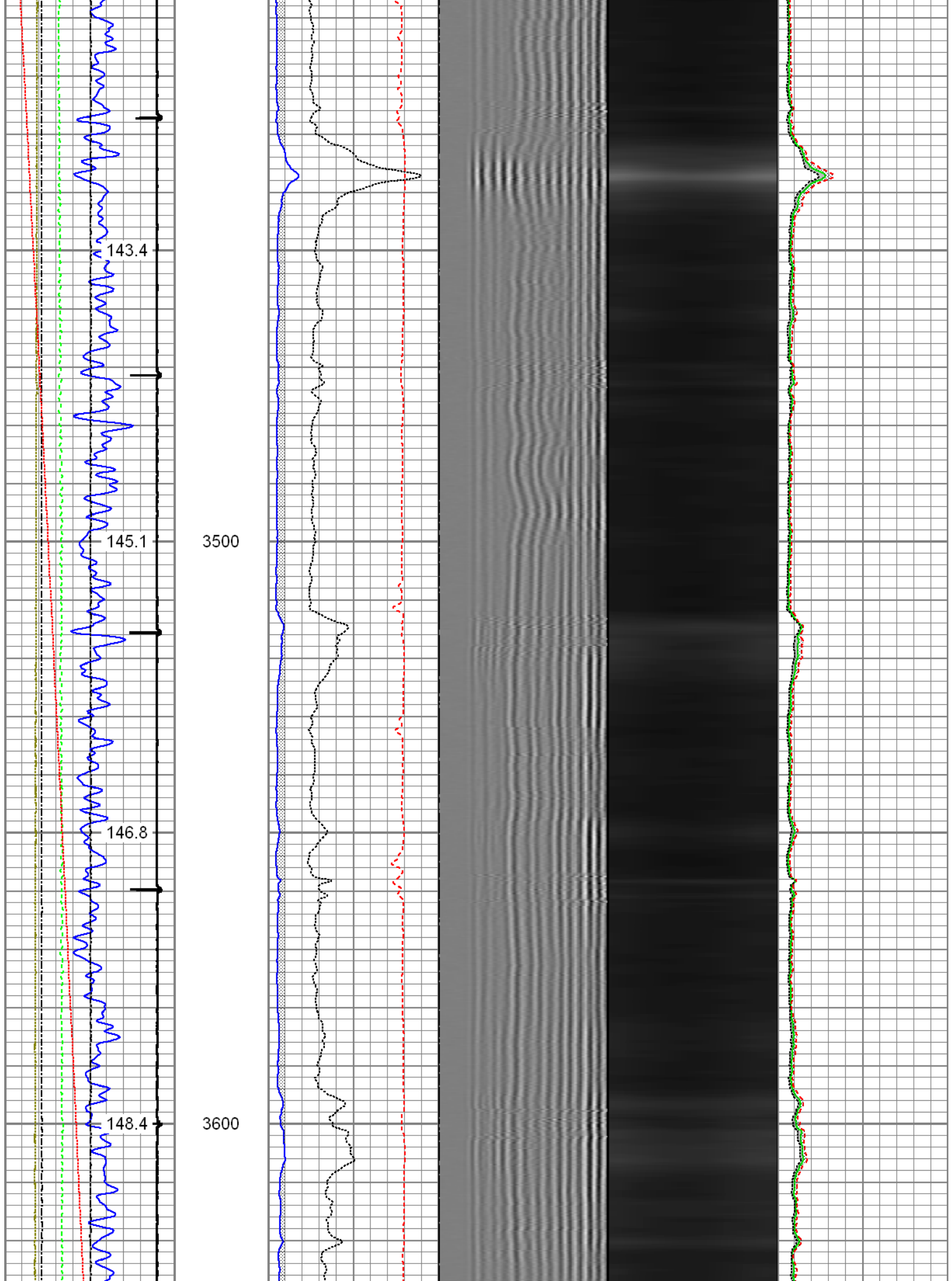


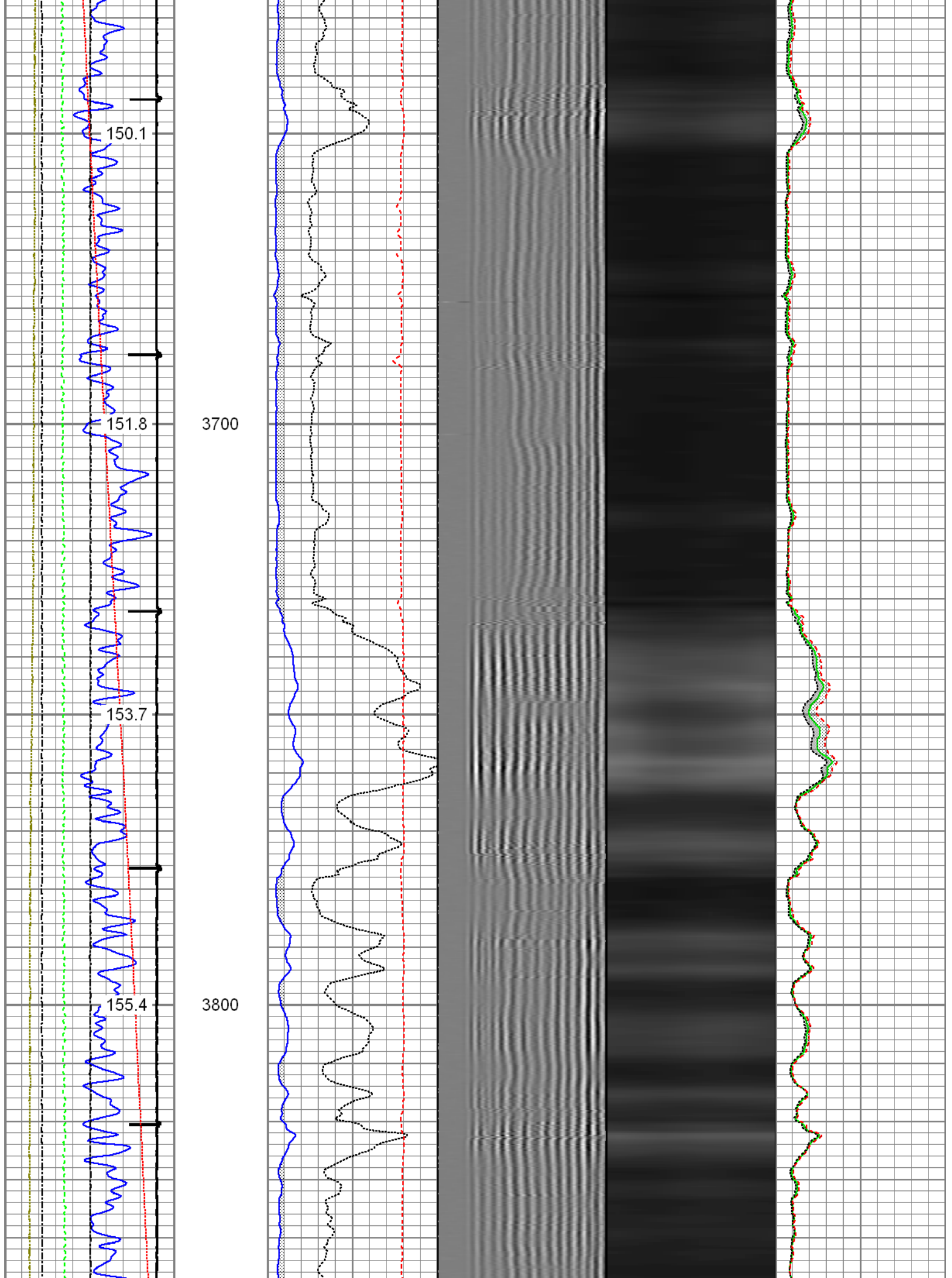


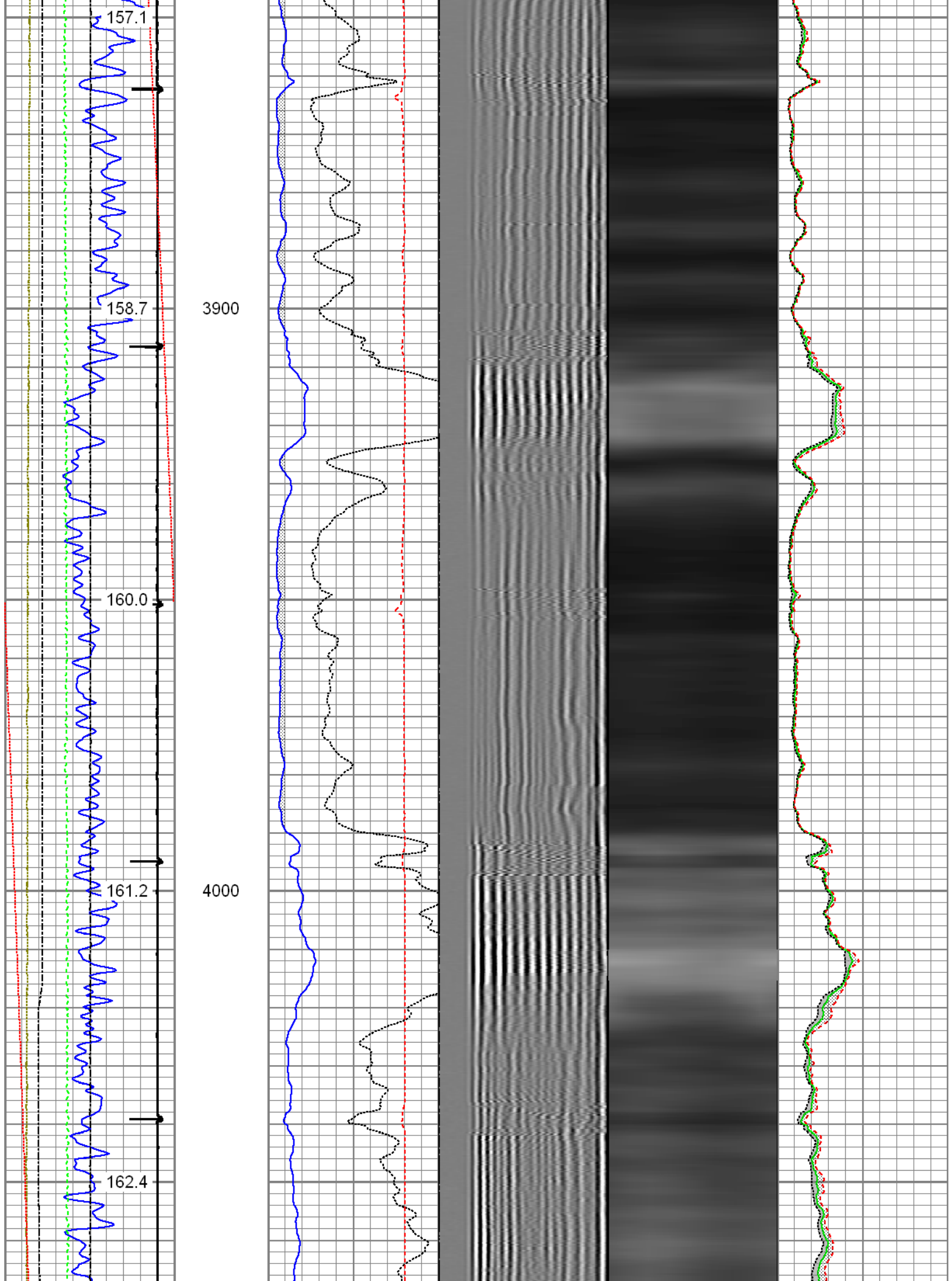


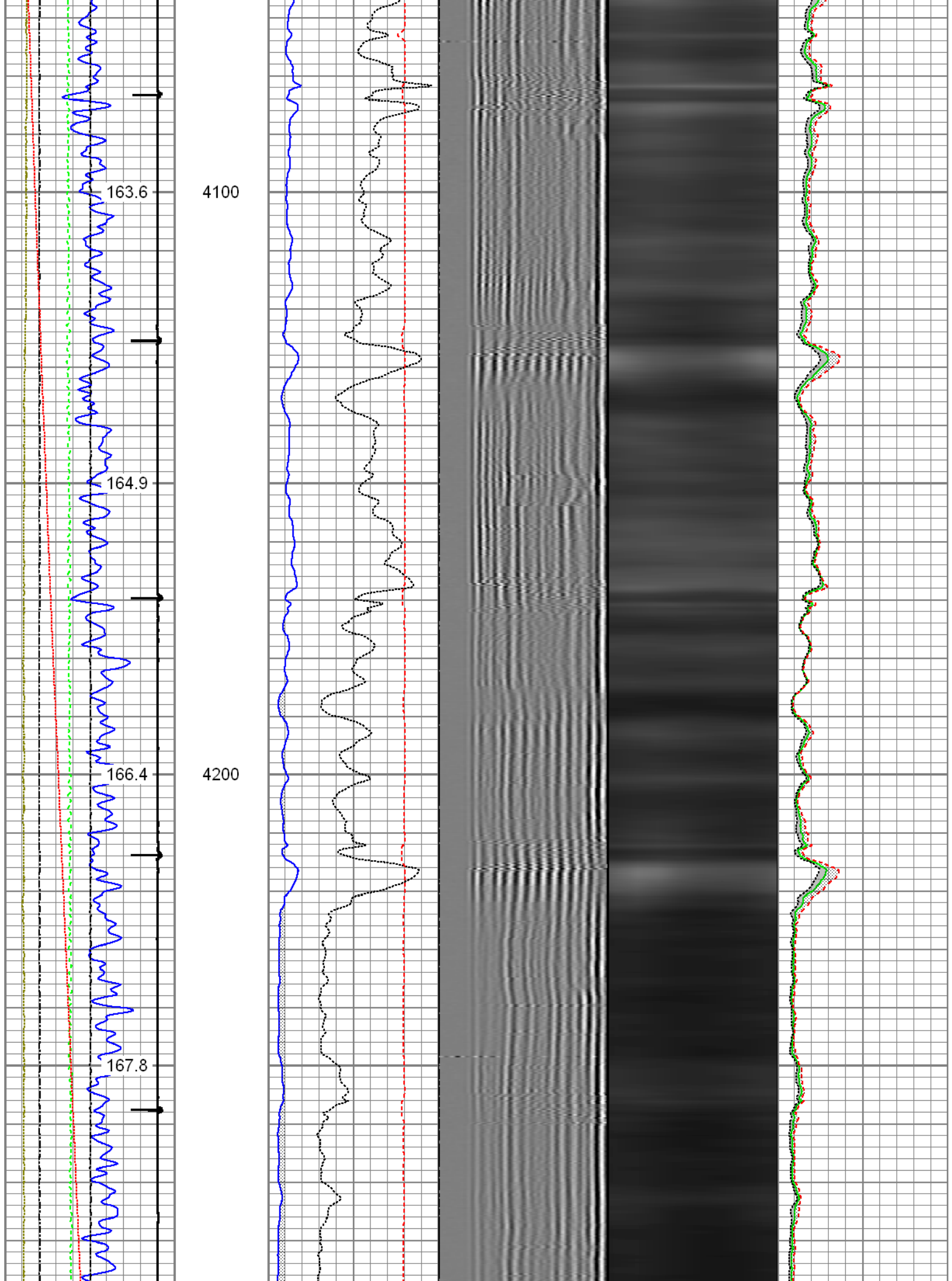


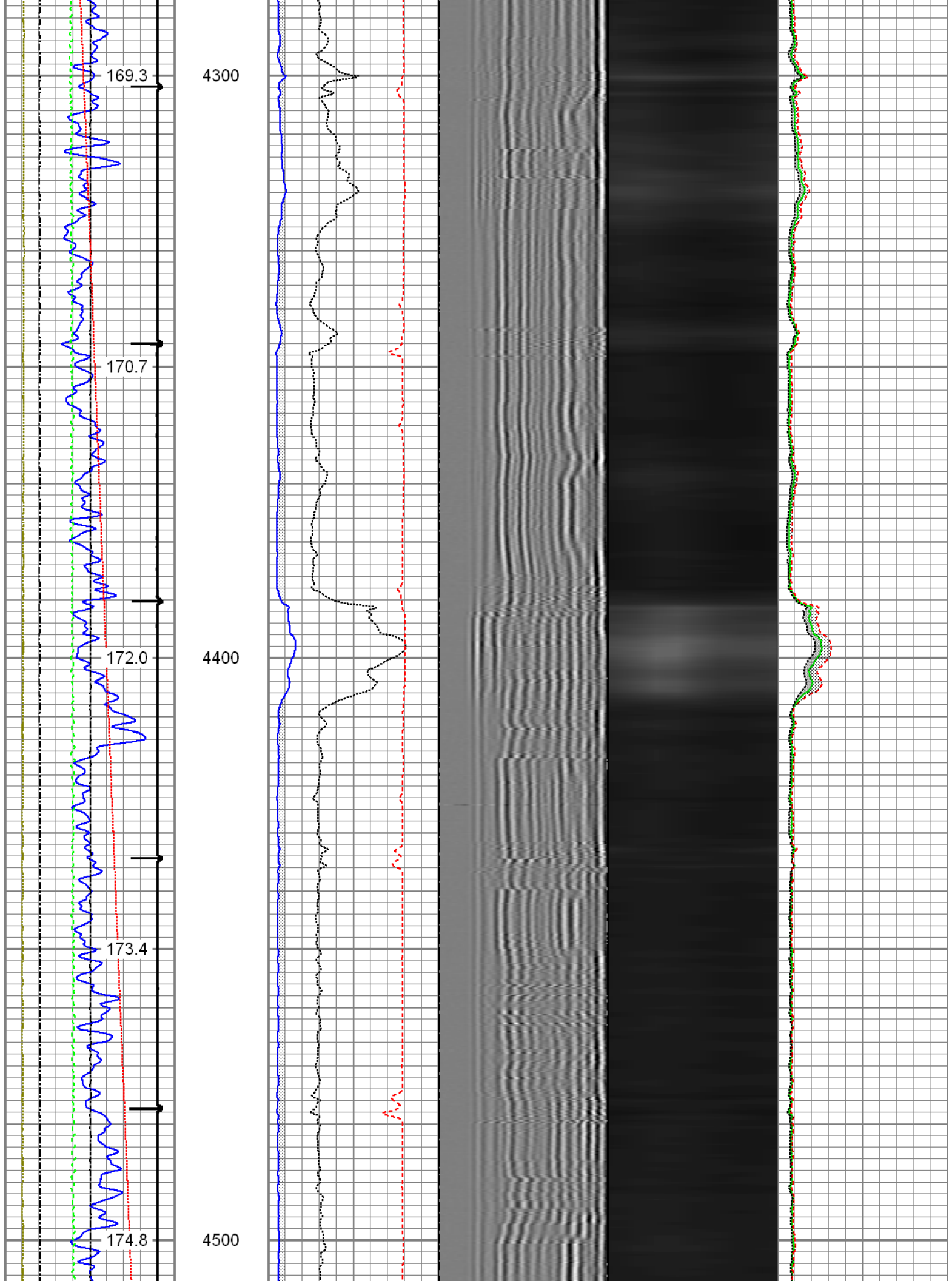


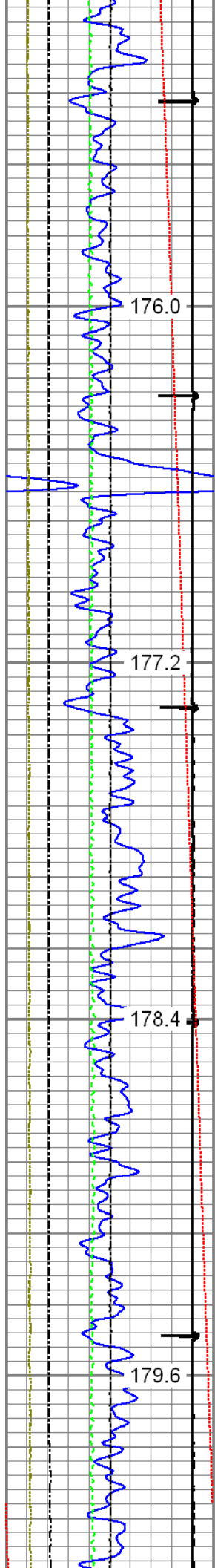






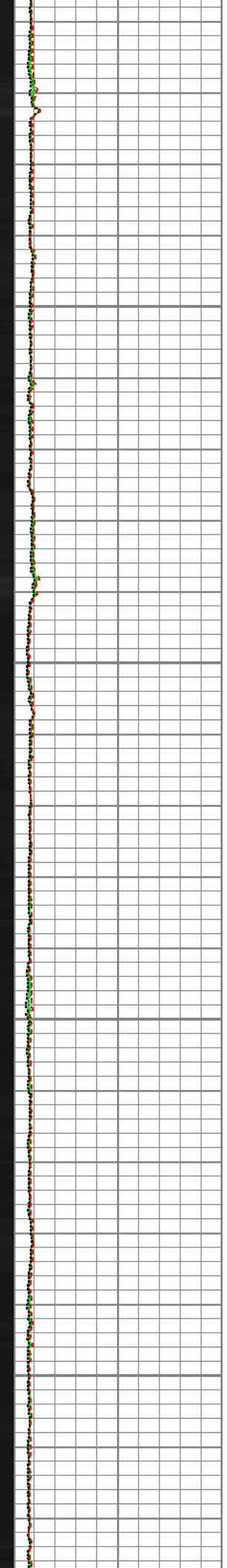
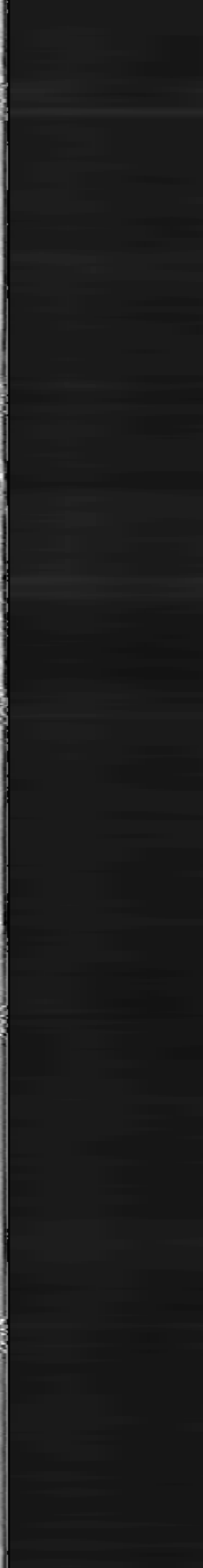
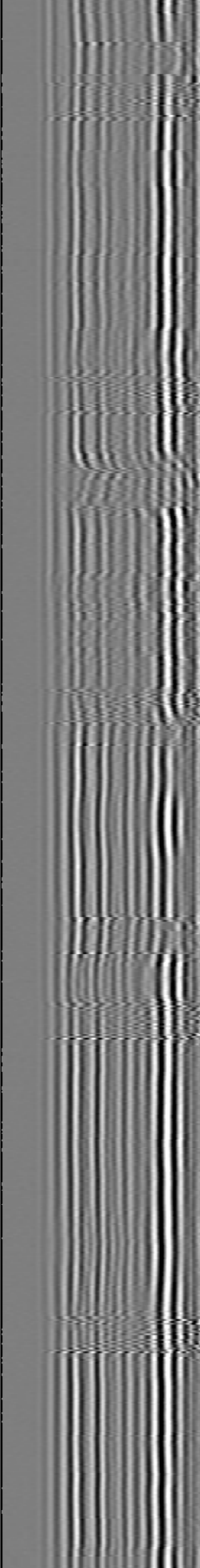
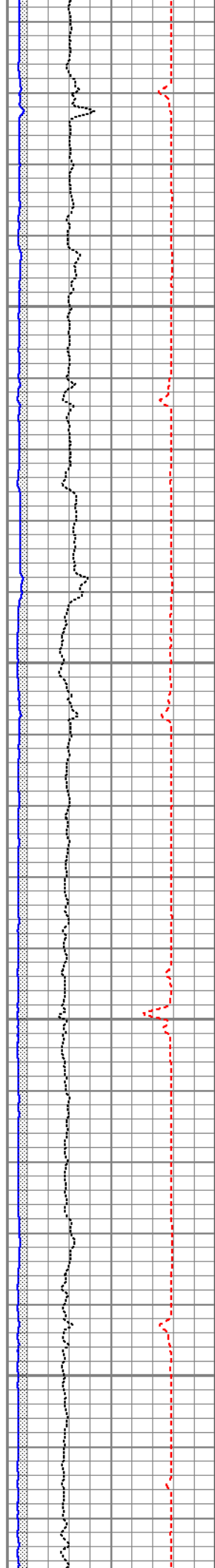


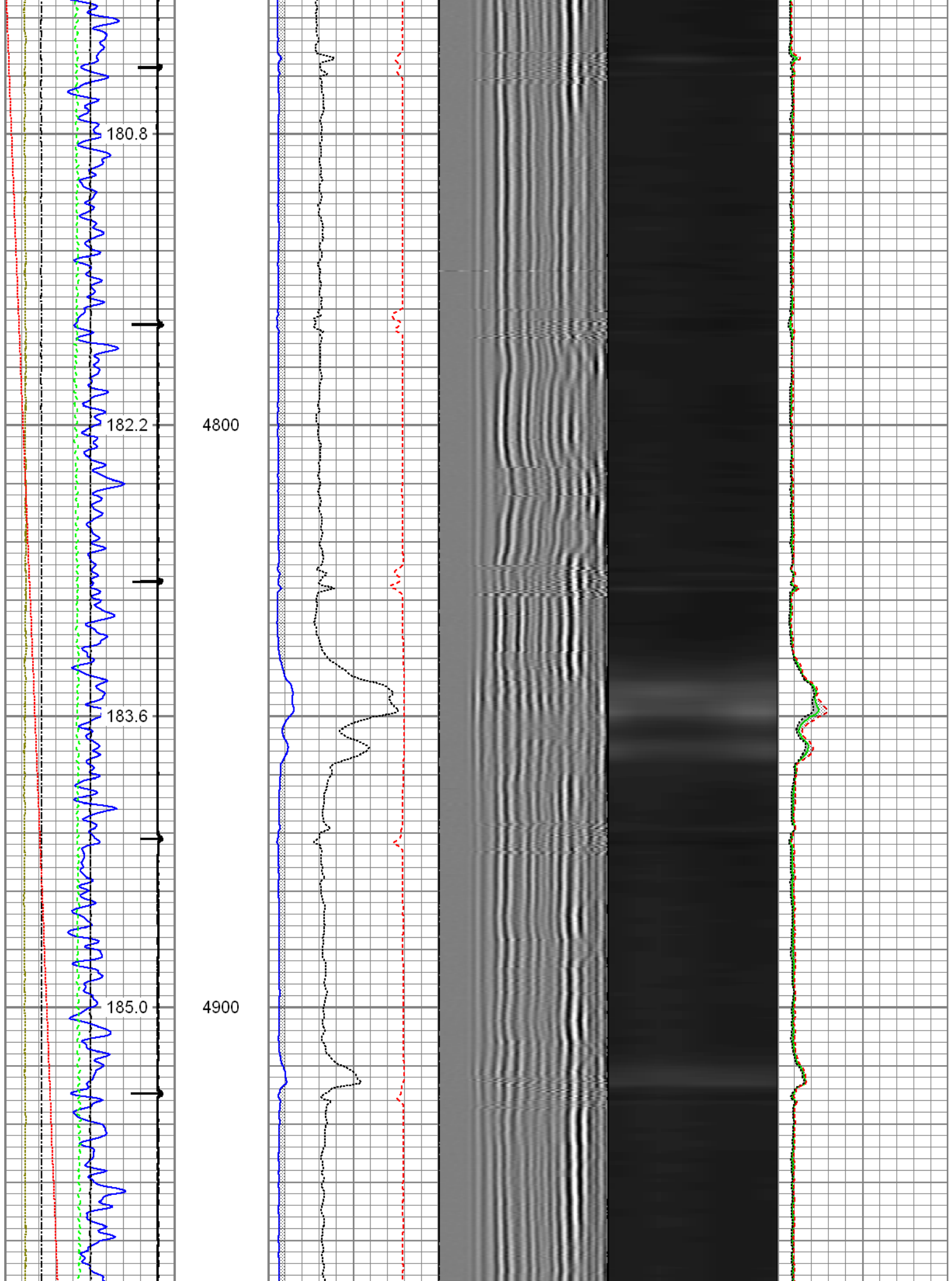


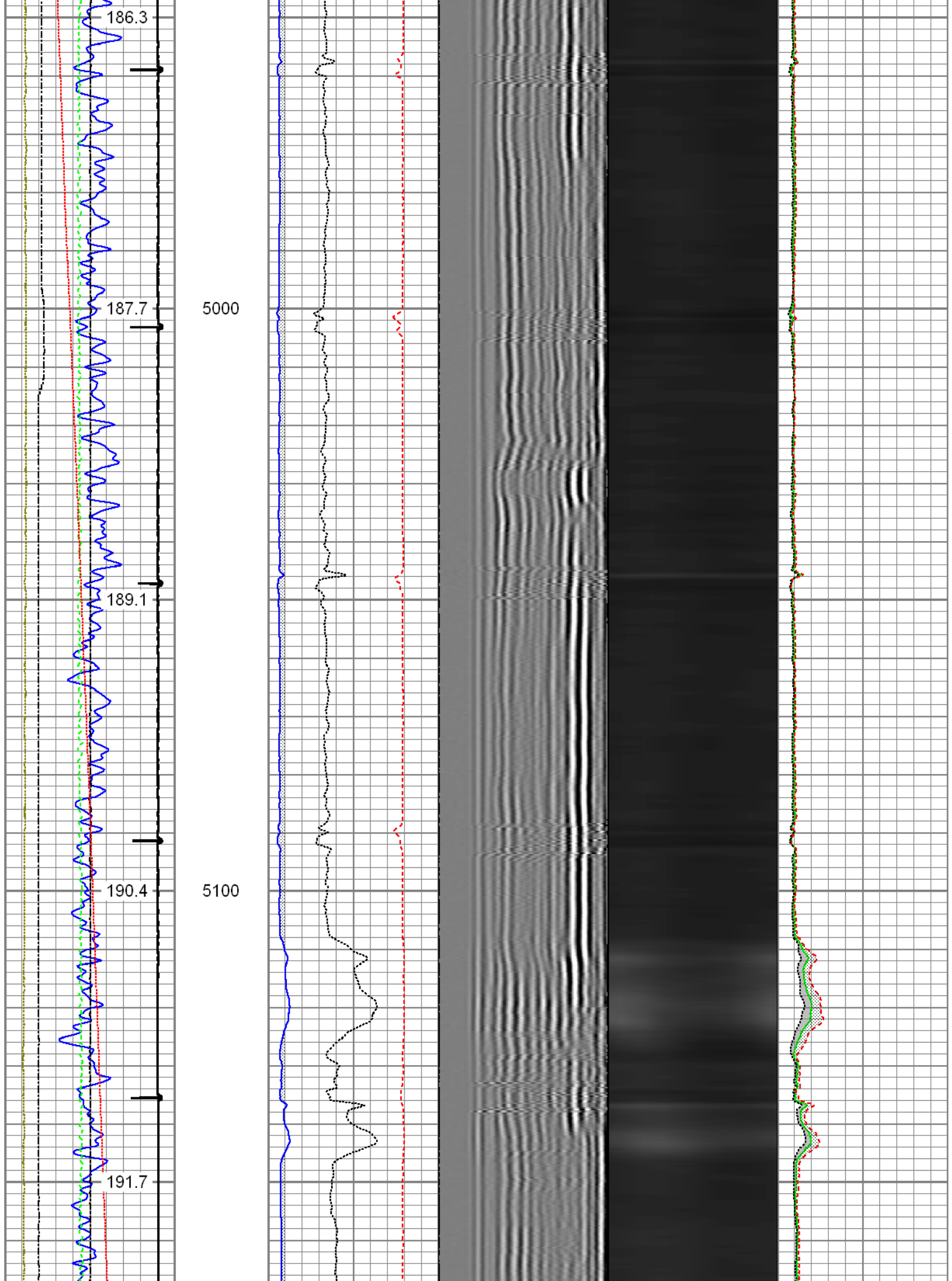


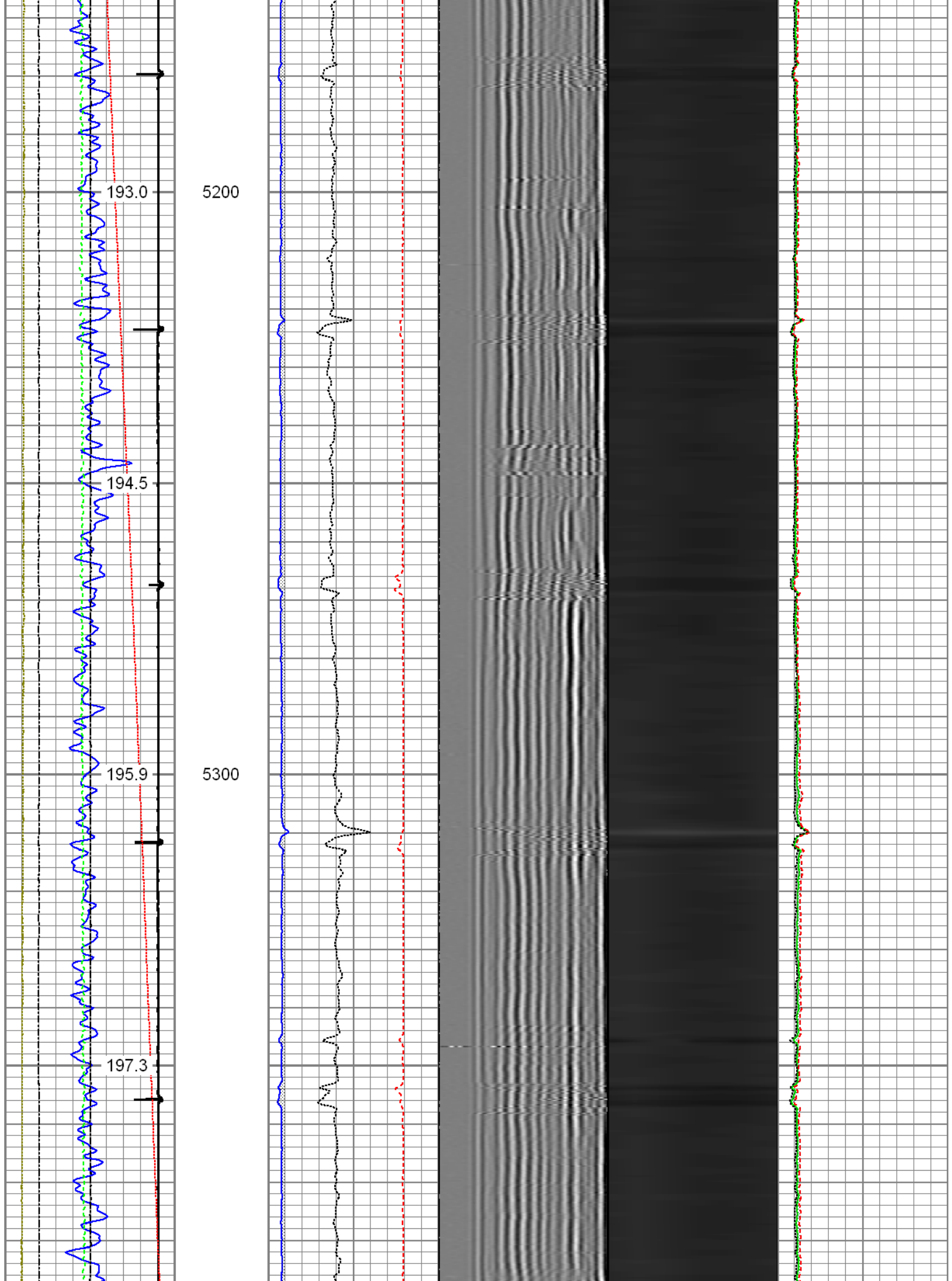
4600

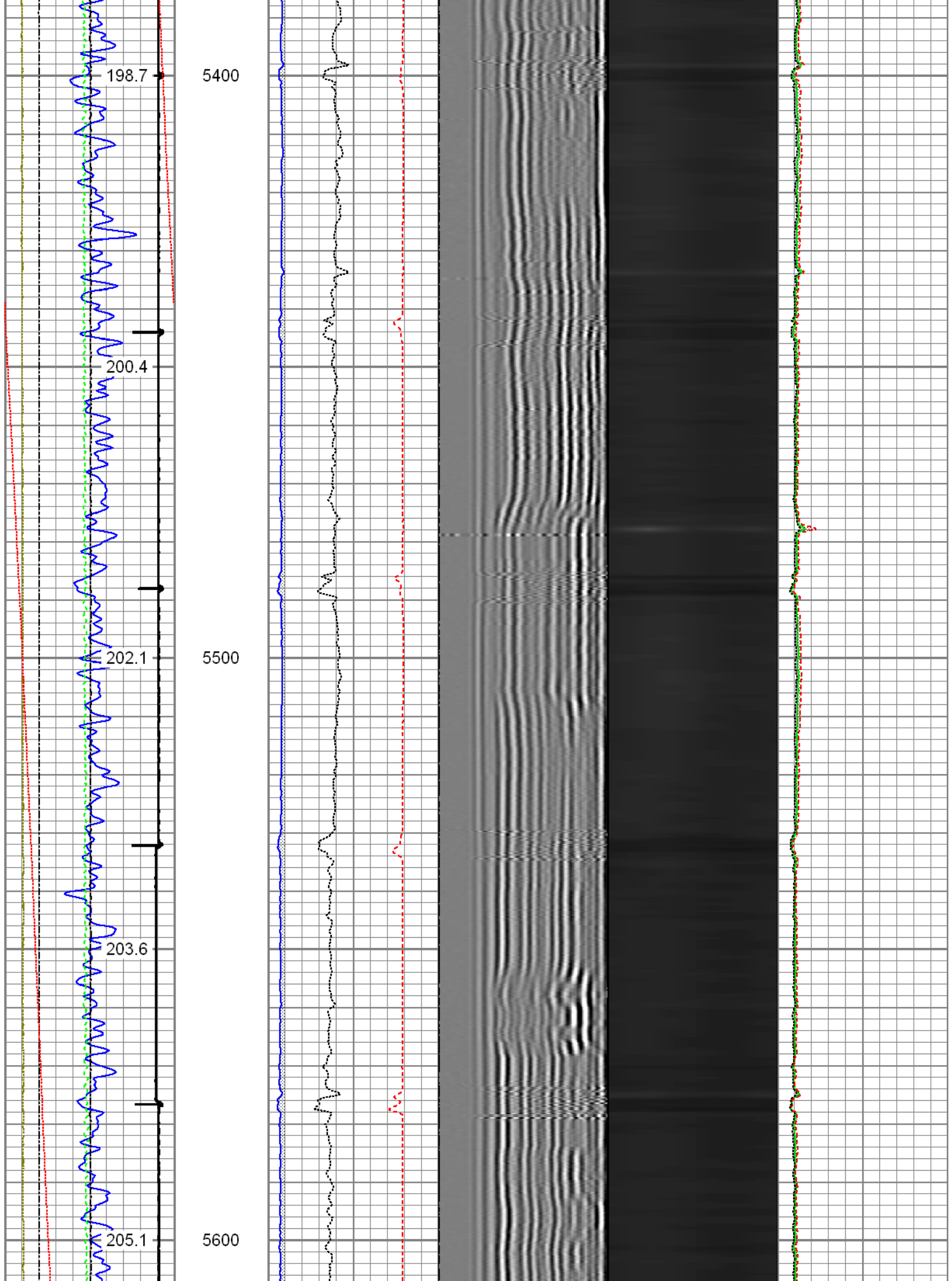
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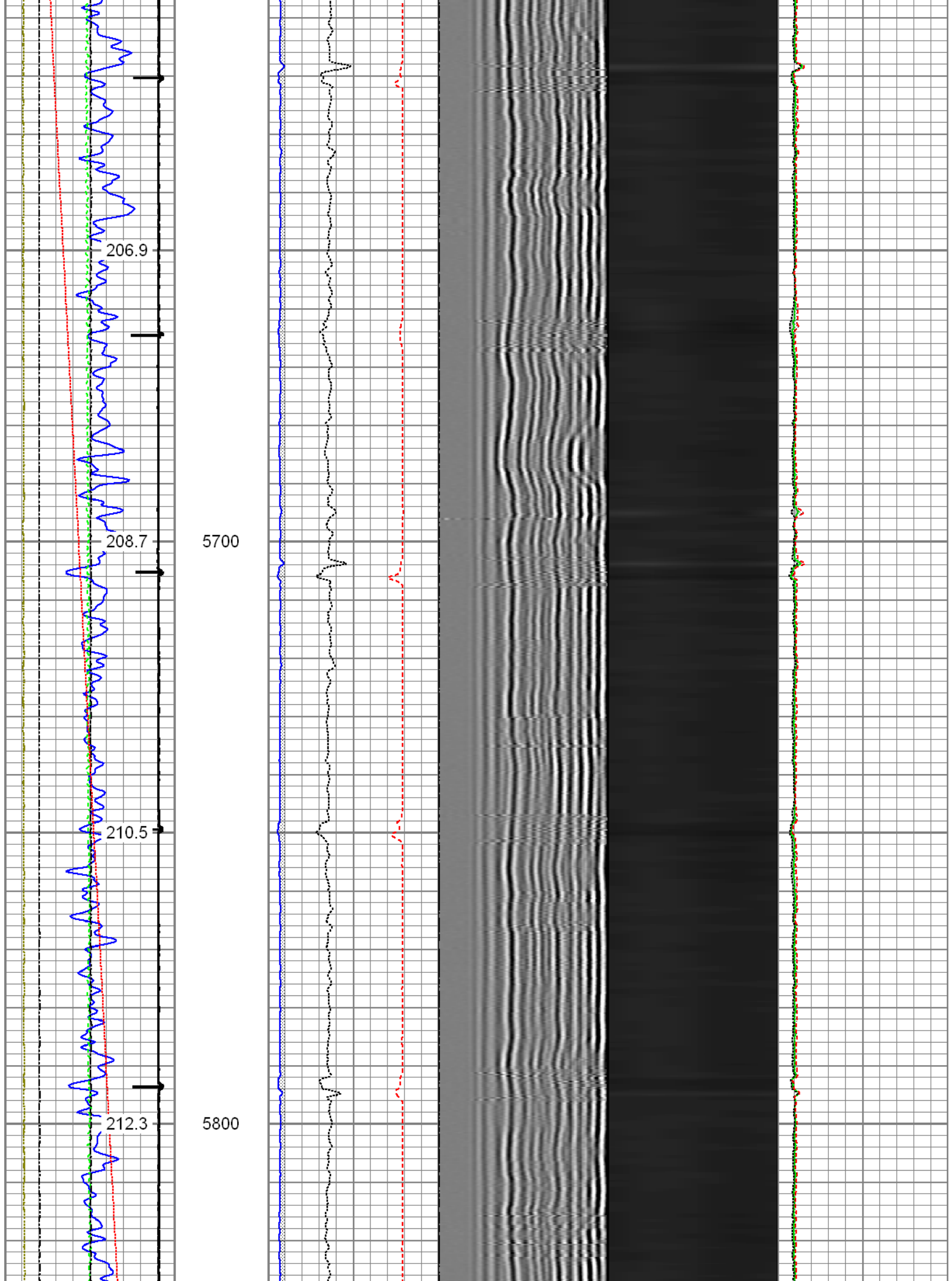


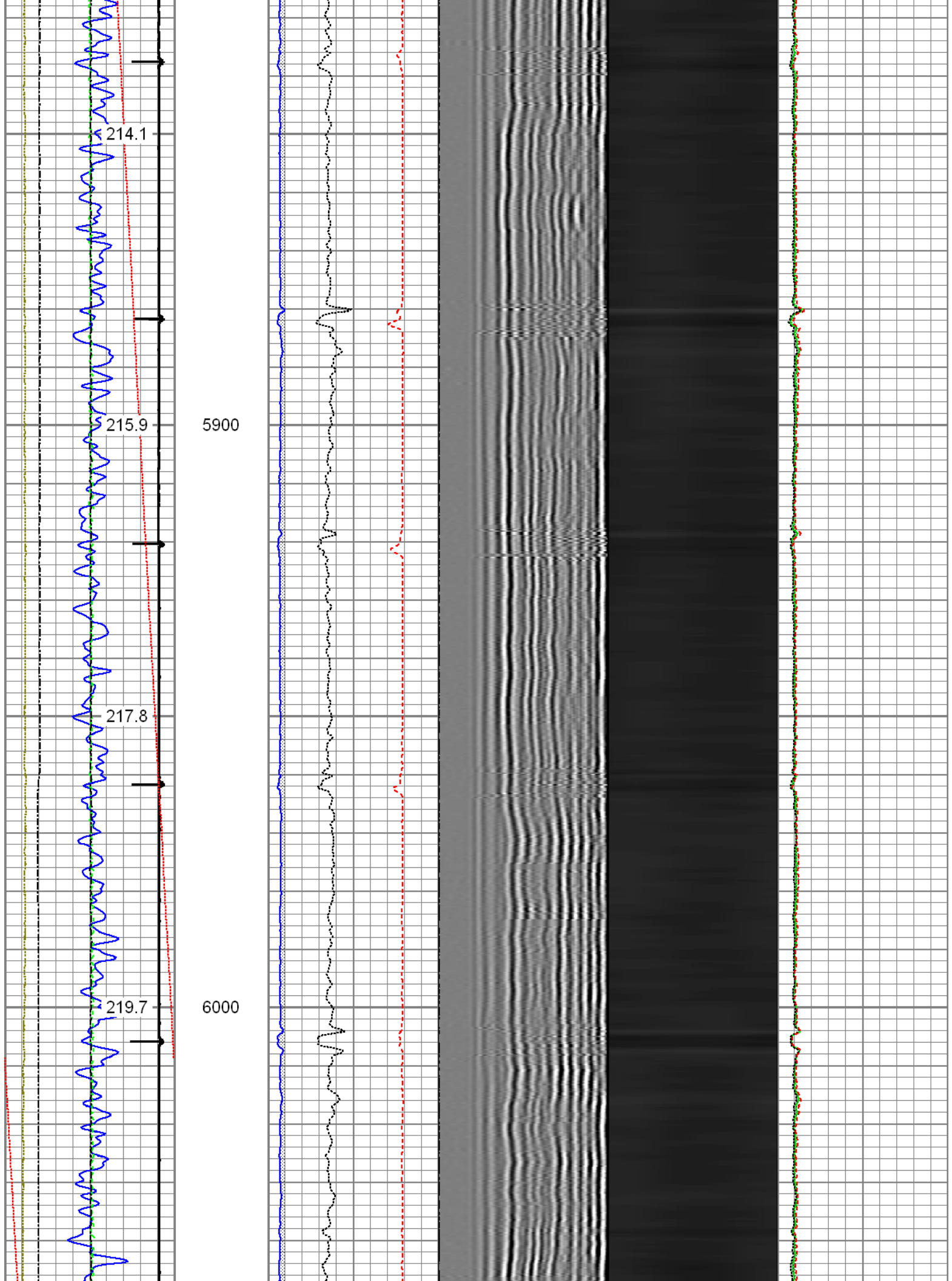


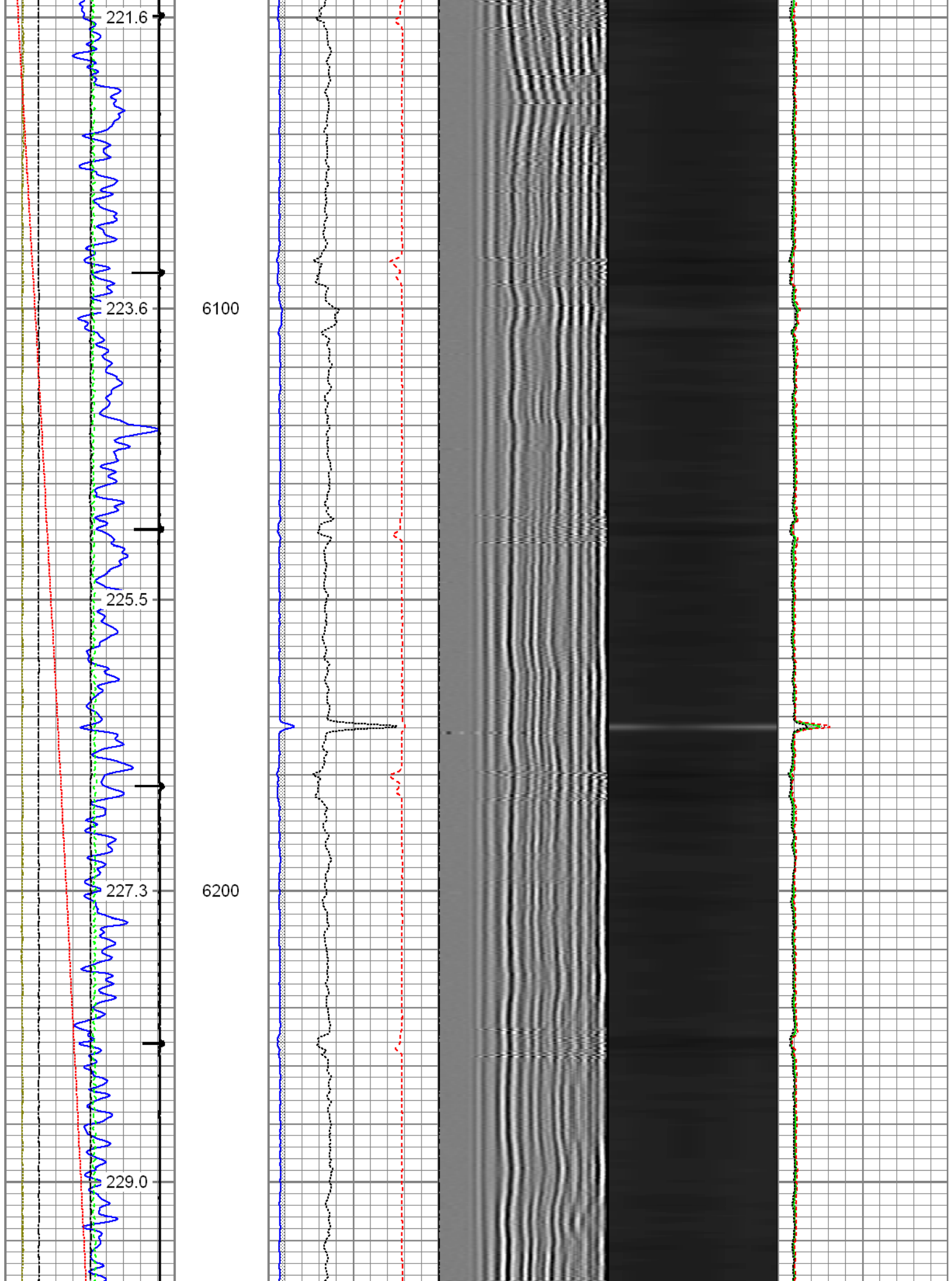


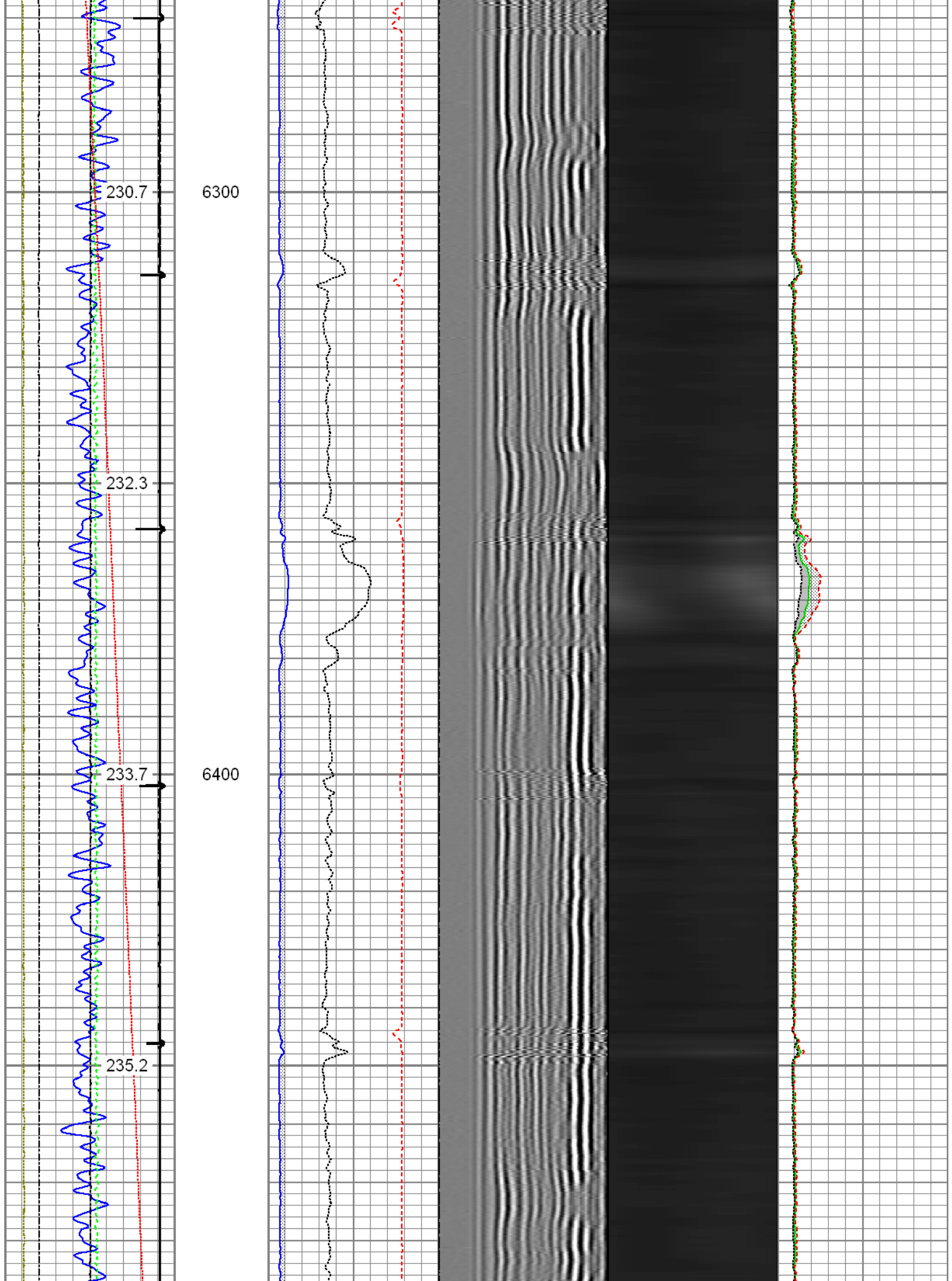


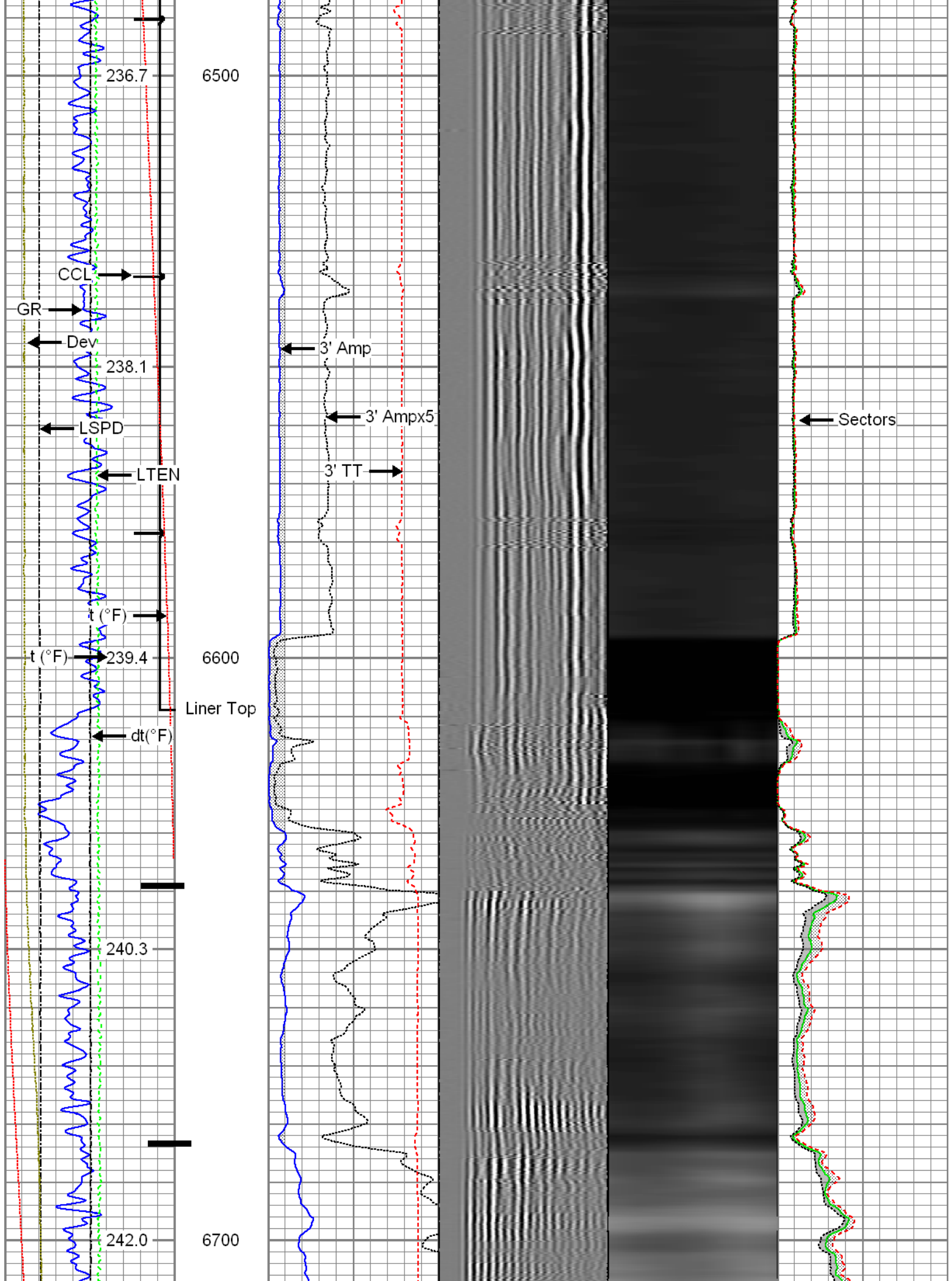


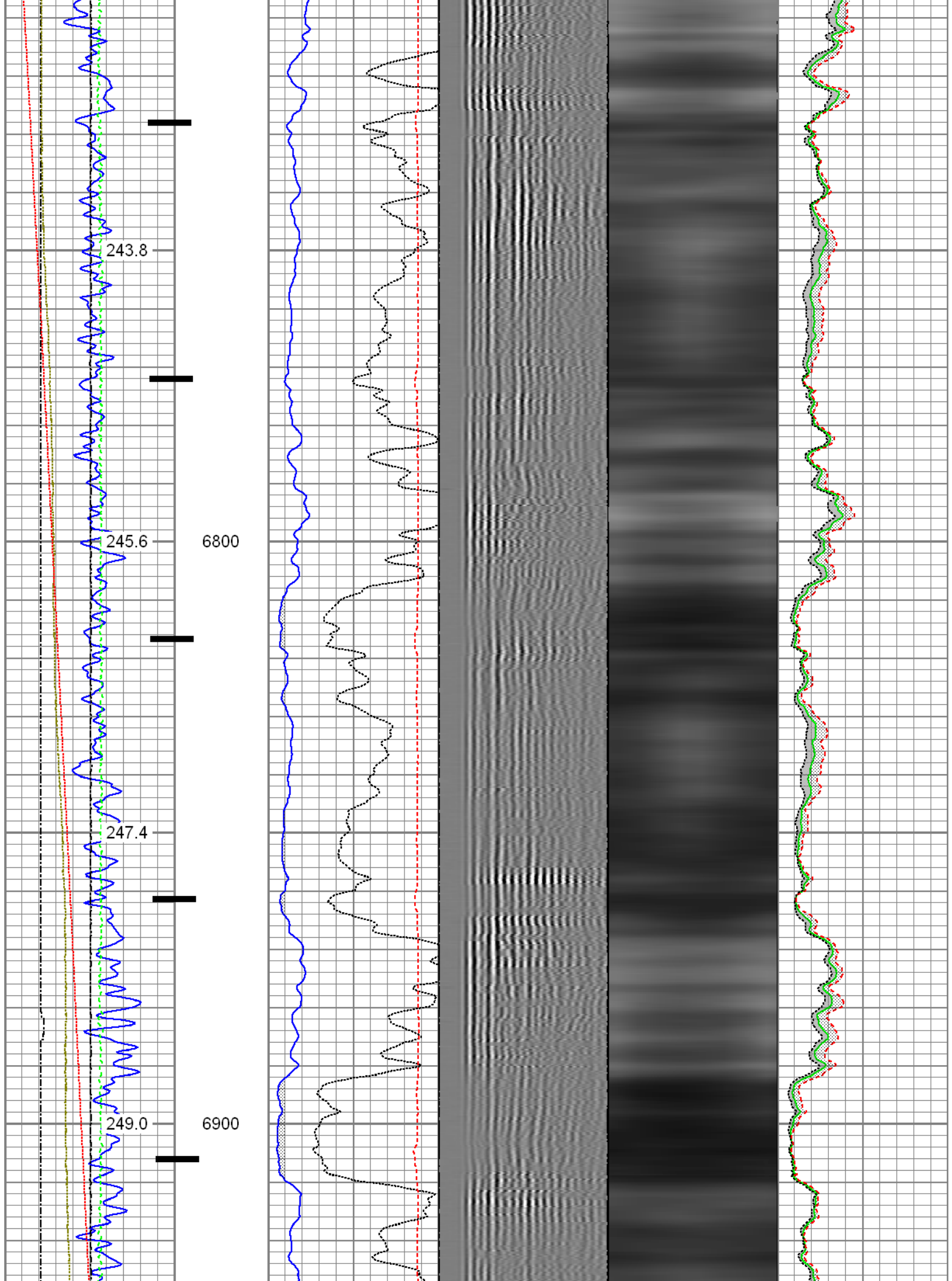


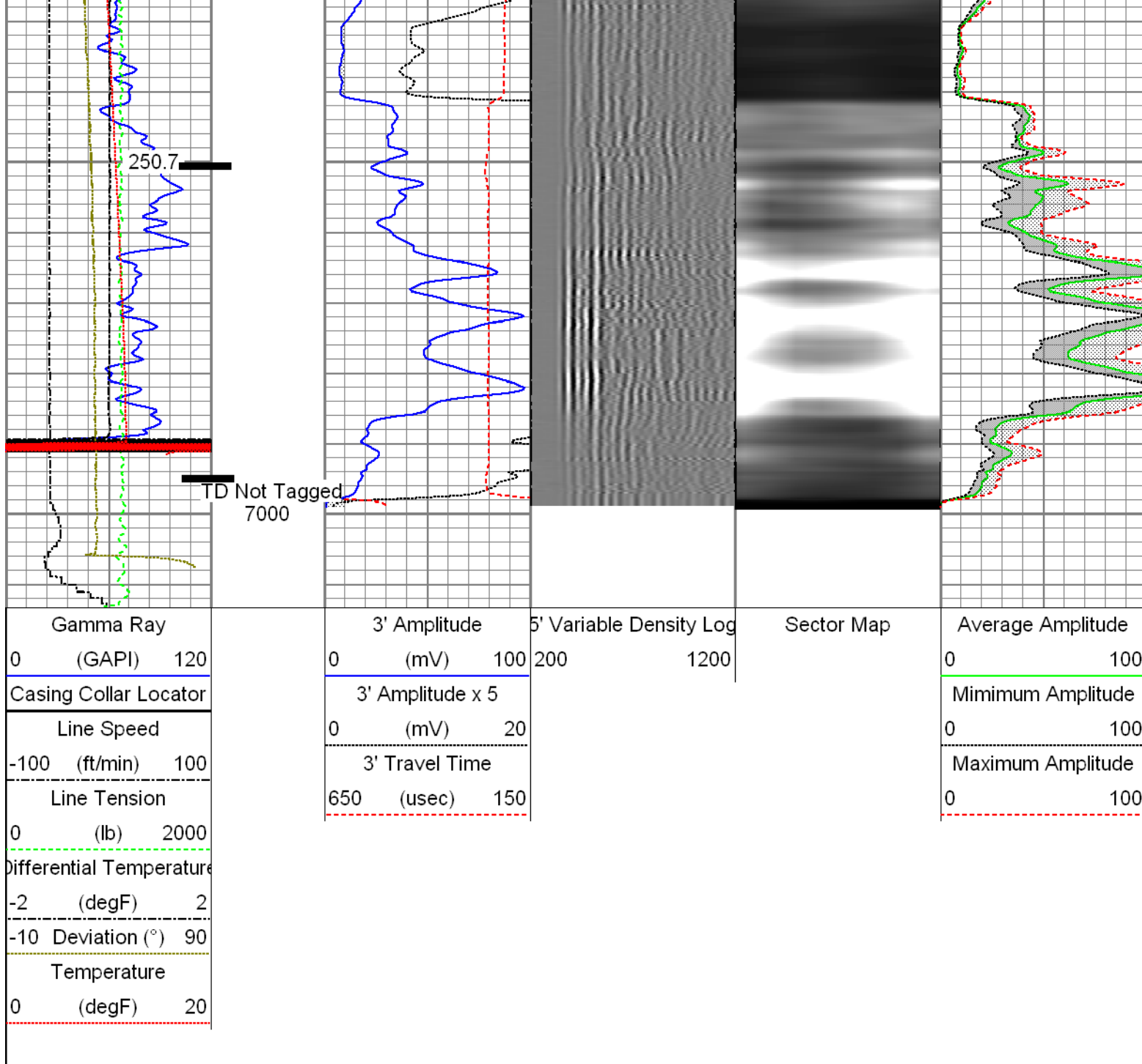









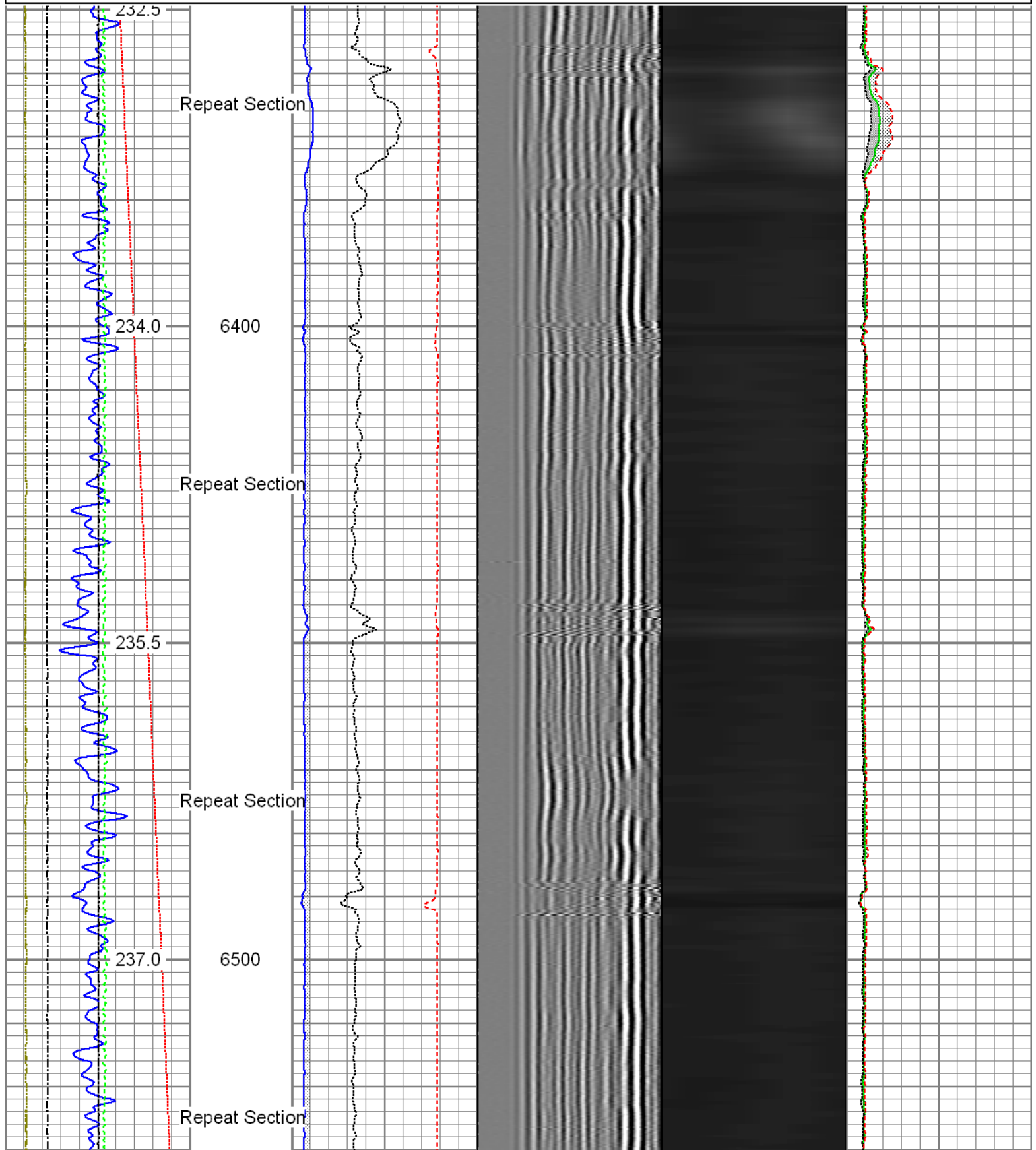




	<div>Repeat Pass</div> <div>Recorded with 2800 PSI Surface Induced Pressure</div>
Database File: Dataset Pathname: Presentation Format: Dataset Creation: Charted by:	0512341006_anadarko_milk 36c-28hz_07-28-15_mit_rbl.db pass7 rbt4_mit Tue Jul 28 12:10:50 2015 by Log 7.0 B1 Depth in Feet scaled 1:240

Gamma Ray (GAPI)	3' Amplitude (mV)	5' Variable Density Log	Sector Map	Average Amplitude
0 120	0 100	200 1200		0 100
Line Speed (ft/min)	3' Amplitude x 5 (mV)			Minimum Amplitude
-100 100	0 20			0 100
Line Tension (lb)	3' Travel Time (usec)			Maximum Amplitude
0 2000	650 150			0 100
Differential Temperature (degF)				
-2 2				
-10 Deviation (°)				
90				
Temperature (degF)				
0 20				

Line Tension			3 Travel Time			Maximum Amplitude		
0	(lb)	2000	650	(usec)	150	0		100
<div></div>								
Differential Temperature								
-2	(degF)	2						
-10	Deviation (°)	90						
Temperature								
0	(degF)	20						
<div></div>								



GR	23.85		Production Gamma Ray			
TEMP	22.45		UW_PRT-UW_PRT_016 (10024052) Platinum Resistance Thermometer	1.04	1.69	5.20
			UW_PRC-DSSRAC (080) 2-3/4" DSS 5 Arm Roller Centralizer	2.55	2.75	32.00
WV3FT	15.42		UW_RBT-UW_RBT_004 (1063) Sondex Ultrawire 3-1/8" Radial Bond Tool	9.47	3.13	140.00
WVFS1	15.42					
WVFS2	15.42					
WVFS3	15.42					
WVFS4	15.42					
WVFS5	15.42					
WVFS6	15.42					
WVFS7	15.42					
WVFS8	15.42					
CBLTEMP	15.42					
CBLROT	15.42					
WV5FT	14.42		UW_PRC-DSSRAC (084) 2-3/4" DSS 5 Arm Roller Centralizer	2.55	2.75	32.00
MIT	5.41		UW_MIT-UW_MIT40_042 (10012912) 40 Multifinger Imaging Tool	4.54	2.75	61.10
			UW_PRC #4 -UW_PRC_057 (1101) Sondex 2-3/4" 4-Arm Production Roller Centraliser	2.98	2.75	32.00
TSTAMP	0.00		UW_BUL-UW_BUL_006 (218707) Sondex Ultrawire Bullnose Terminator	0.22	1.69	1.20
Dataset: 0512341006_Anadarko_Milk 36C-28HZ_07-28-15_MIT_RBL.db: field/well/run1/pass9 Total Length: 28.09 ft Total Weight: 324.50 lb O.D. 3.13 in						

Calibration Report Database File: 0512341006_anadarko_milk 36c-28hz_07-28-15_mit_rbl.db Dataset Pathname: pass9 Dataset Creation: Tue Jul 28 12:23:54 2015 by Log 7.0 B1	
Multi-finger Imaging Tool Calibration Report	

Serial Number:	10012912
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Inclinometer Calibration Report

Performed:

Mon Jul 15 09:39:36 2013

Calibration Angle:

45

Vertical:

1968

Inc X

1974

Finger 1 up:

1740

Inc Y

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:

Tue Jul 28 10:35:15 2015

Ring size:	4		5		6		7
(in)		Sens		Sens		Sens	
Finger 01:	1048	350.0	1398	384.0	1782	414.0	2196
Finger 02:	1191	364.0	1555	383.0	1938	405.0	2343
Finger 03:	1102	374.0	1476	406.0	1882	433.0	2315
Finger 04:	1092	364.0	1456	389.0	1845	423.0	2268
Finger 05:	1090	372.0	1462	394.0	1856	424.0	2280
Finger 06:	1094	379.0	1473	395.0	1868	420.0	2288
Finger 07:	1077	381.0	1458	399.0	1857	422.0	2279
Finger 08:	1102	379.0	1481	392.0	1873	419.0	2292
Finger 09:	1089	383.0	1472	391.0	1863	415.0	2278
Finger 10:	1093	386.0	1479	391.0	1870	413.0	2283
Finger 11:	1095	387.0	1482	388.0	1870	408.0	2278
Finger 12:	1095	391.0	1486	391.0	1877	411.0	2288
Finger 13:	1100	386.0	1486	384.0	1870	401.0	2271
Finger 14:	1086	398.0	1484	394.0	1878	412.0	2290
Finger 15:	1033	401.0	1434	404.0	1838	421.0	2259
Finger 16:	1046	403.0	1449	405.0	1854	419.0	2273
Finger 17:	960	381.0	1341	389.0	1730	417.0	2147
Finger 18:	1101	394.0	1495	388.0	1883	397.0	2280
Finger 19:	1061	391.0	1452	394.0	1846	405.0	2251
Finger 20:	1049	397.0	1446	407.0	1853	416.0	2269
Finger 21:	1069	399.0	1468	401.0	1869	401.0	2270
Finger 22:	1031	394.0	1425	406.0	1831	417.0	2248
Finger 23:	993	391.0	1384	412.0	1796	431.0	2227
Finger 24:	1062	385.0	1447	391.0	1838	393.0	2231
Finger 25:	1004	385.0	1389	407.0	1796	428.0	2224
Finger 26:	1127	376.0	1503	380.0	1883	390.0	2273
Finger 27:	1076	378.0	1454	399.0	1853	407.0	2260
Finger 28:	1089	367.0	1456	385.0	1841	399.0	2240
Finger 29:	1025	369.0	1394	405.0	1799	421.0	2220
Finger 30:	1082	370.0	1452	397.0	1849	413.0	2262
Finger 31:	1089	361.0	1450	390.0	1840	409.0	2249
Finger 32:	1062	366.0	1428	404.0	1832	424.0	2256
Finger 33:	1153	358.0	1511	379.0	1890	389.0	2279
Finger 34:	1113	352.0	1465	389.0	1854	408.0	2262
Finger 35:	1048	366.0	1414	413.0	1827	440.0	2267
Finger 36:	1066	358.0	1424	398.0	1822	427.0	2249
Finger 37:	1121	359.0	1480	391.0	1871	413.0	2284
Finger 38:	1148	355.0	1503	388.0	1891	403.0	2294
Finger 39:	1143	349.0	1492	380.0	1872	407.0	2279
Finger 40:	1086	363.0	1449	394.0	1843	422.0	2265

Segmented Cement Bond Log Calibration Report

Serial Number:

1063

Tool Model: UW_RBT_004

Calibration Casing Diameter: 7.000 in

Calibration Depth: -6.421 ft

Master Calibration, performed Tue Jul 28 10:37:17 2015:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	-0.002	0.895	0.800	62.165	68.354	0.970
5FT	-0.006	0.890	0.800	62.165	68.507	1.218
S1	-0.004	0.867	0.000	100.000	114.882	0.421
S2	-0.004	0.877	0.000	100.000	113.612	0.416
S3	-0.003	0.889	0.000	100.000	112.049	0.349
S4	-0.004	0.932	0.000	100.000	106.842	0.391
S5	-0.002	0.933	0.000	100.000	106.947	0.261
S6	-0.003	0.903	0.000	100.000	110.440	0.309
S7	-0.003	0.885	0.000	100.000	112.645	0.283
S8	-0.003	0.865	0.000	100.000	115.209	0.301

Temperature Calibration Report

Serial Number: 10024052
Tool Model: UW_PRT_016
Performed: Wed Feb 11 16:41:28 2015

Point #	Reading	Reference
1	12242.00 cps	68.00 degF
2	18329.00 cps	104.00 degF
3	29563.00 cps	176.00 degF
4	41222.00 cps	248.00 degF
5	52988.00 cps	320.00 degF
6	58824.00 cps	356.00 degF
7	cps	degF
8	cps	degF
9	cps	degF
10	cps	degF

Gamma Ray Calibration Report

Serial Number: 10013899
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 Kerr-McGee Oil & Gas Onshore, L.P.
Well Milk 36C-28HZ
Field Wattenberg
County Weld
State Colorado