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<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  Depth referenced to casing tally reported liner top at 6,679 FT  Adjusted +9 FT to correlate to liner top  Gauge Ring/Junk Basket ran to 7,434 FT  Log ran from as deep as possible in heel to surface  Logging tools were clean and free of debris upon completion of operations</p> <p>Thank you for choosing FMC Technologies Completion Services, Inc.!!</p>



Database File:0512340749\_anadarko\_goodin 36n-b6hz\_06-25-15\_mit\_rbl.db

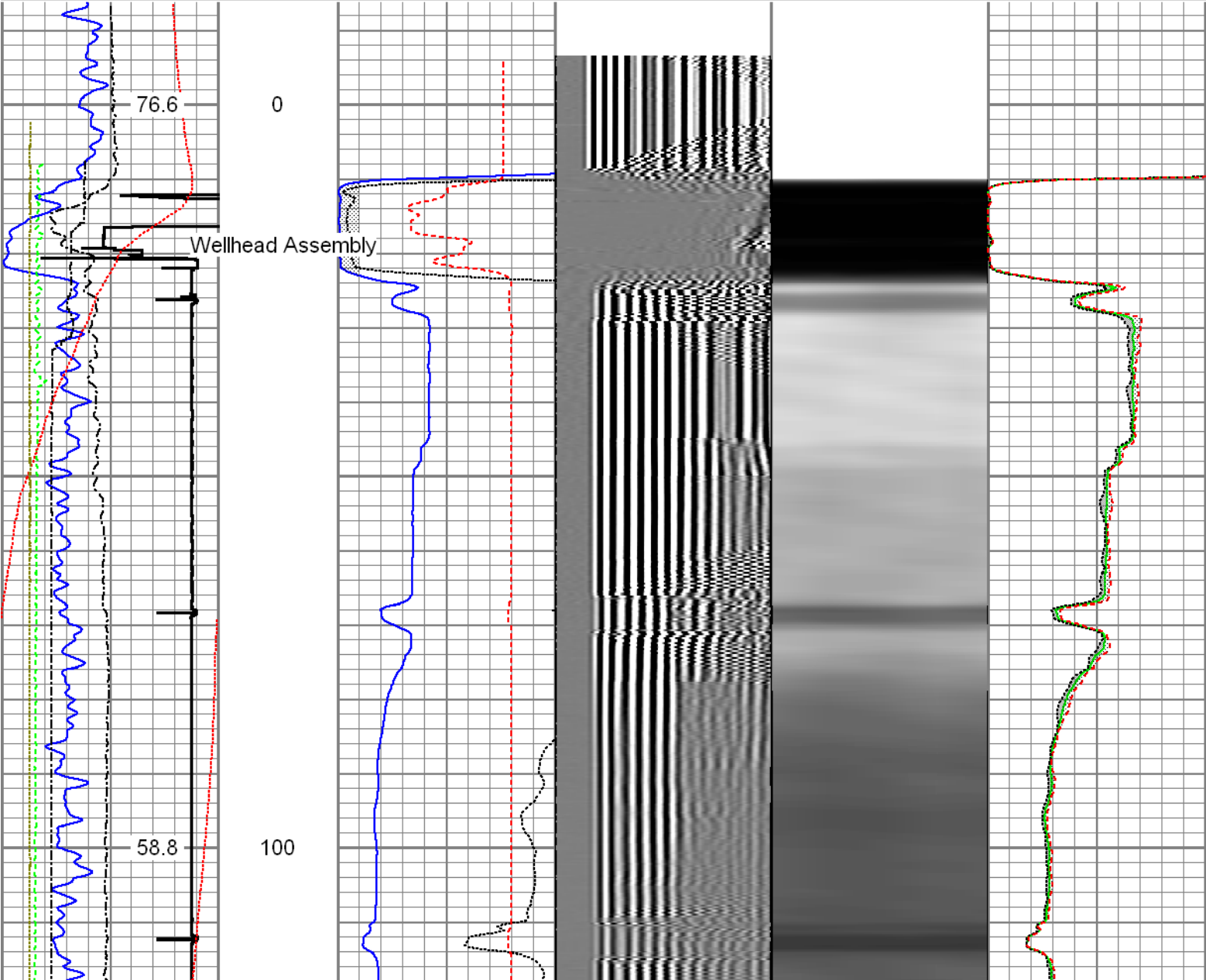
Dataset Pathname:pass4

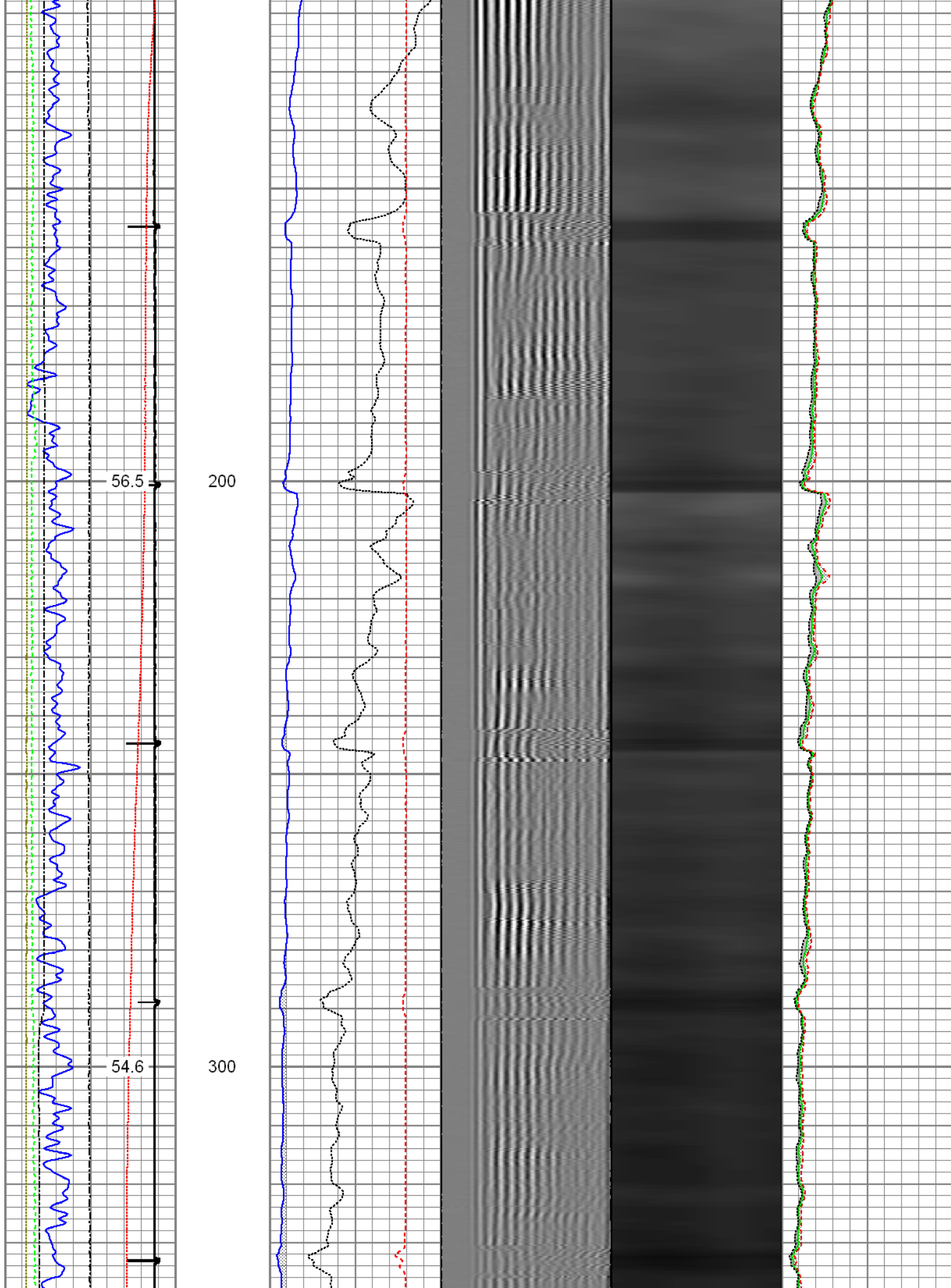
Presentation Format:rbt4\_mit

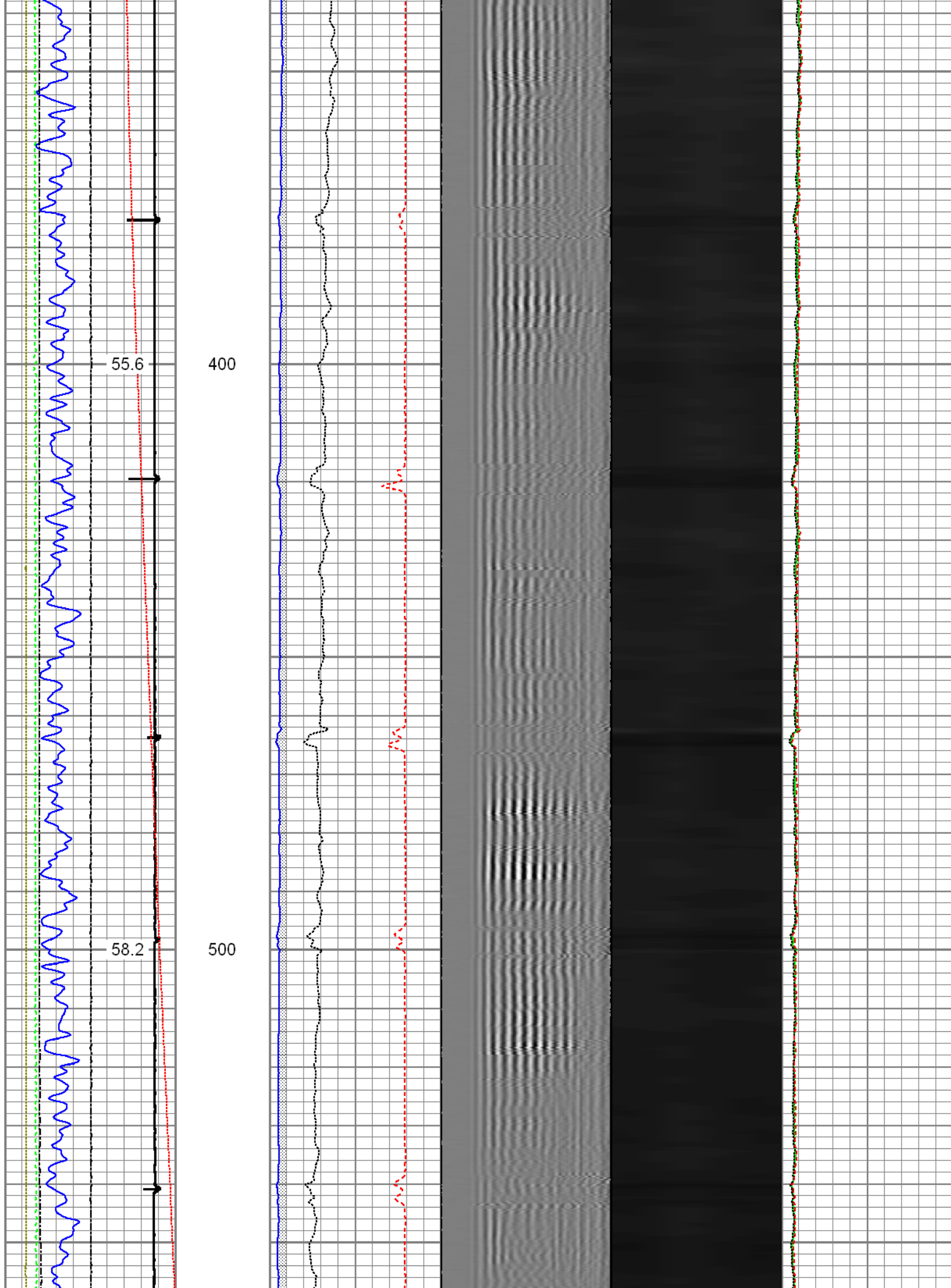
Dataset Creation:Thu Jun 25 14:44:27 2015 by Log 7.0 B1

Charted by:Depth in Feet scaled 1:240

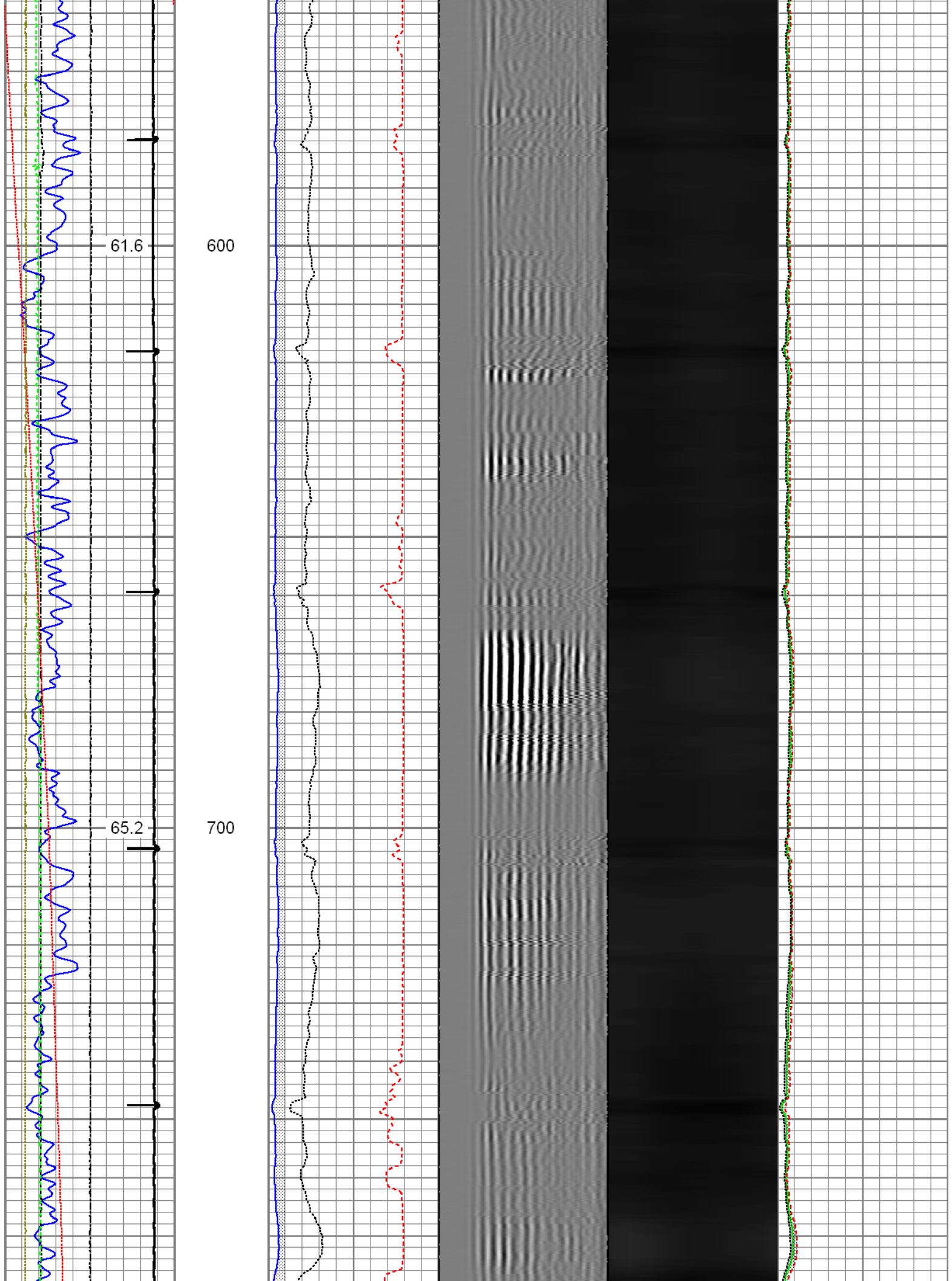
Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 120	0 (mV) 100	200 1200		0 100
Casing Collar Locator	3' Amplitude x 5			Mimimum Amplitude
Line Speed	0 (mV) 20			0 100
-100 (ft/min) 100	3' Travel Time			Maximum Amplitude
Line Tension	650 (usec) 150			0 100
0 (lb) 2000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

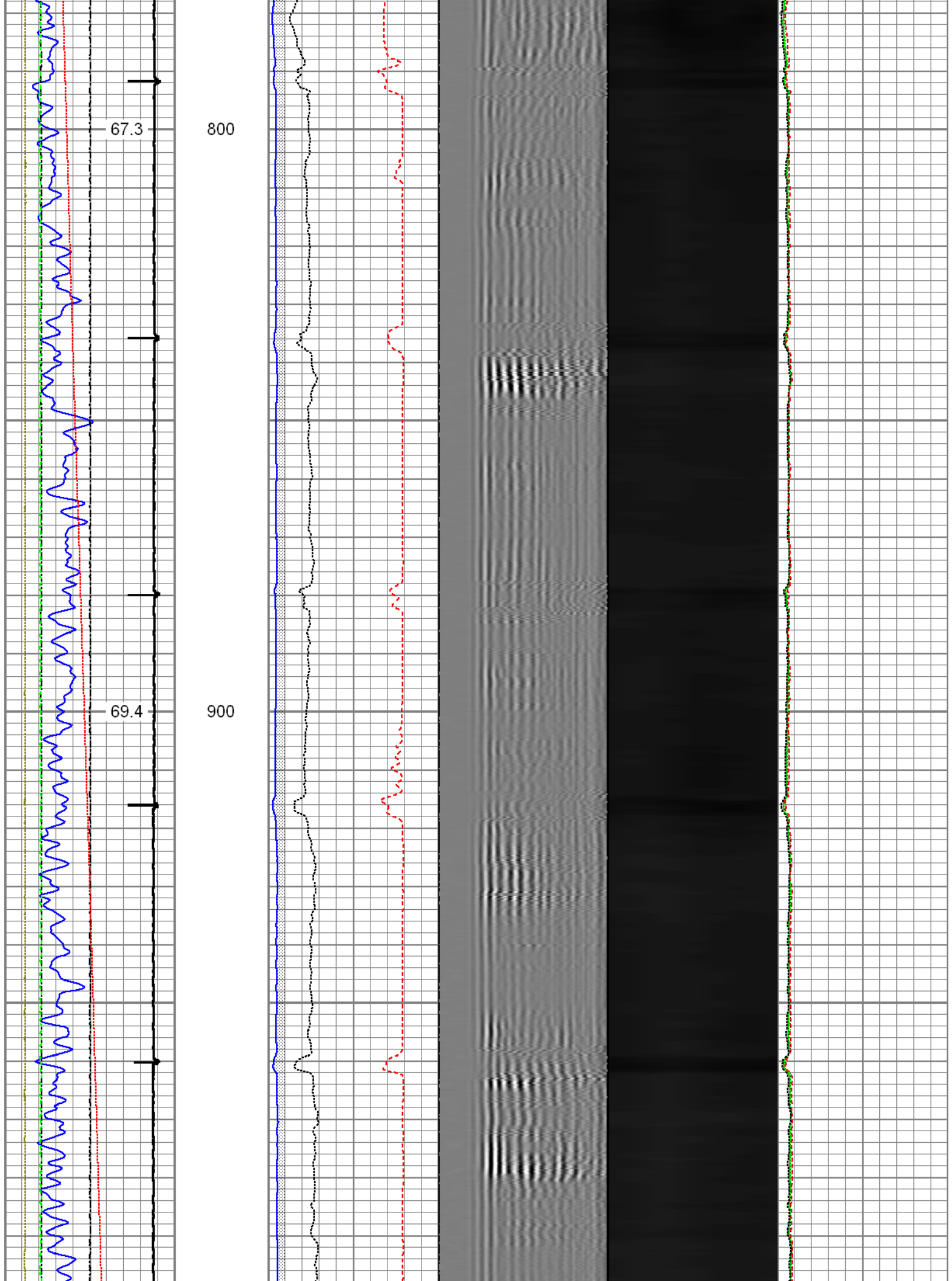


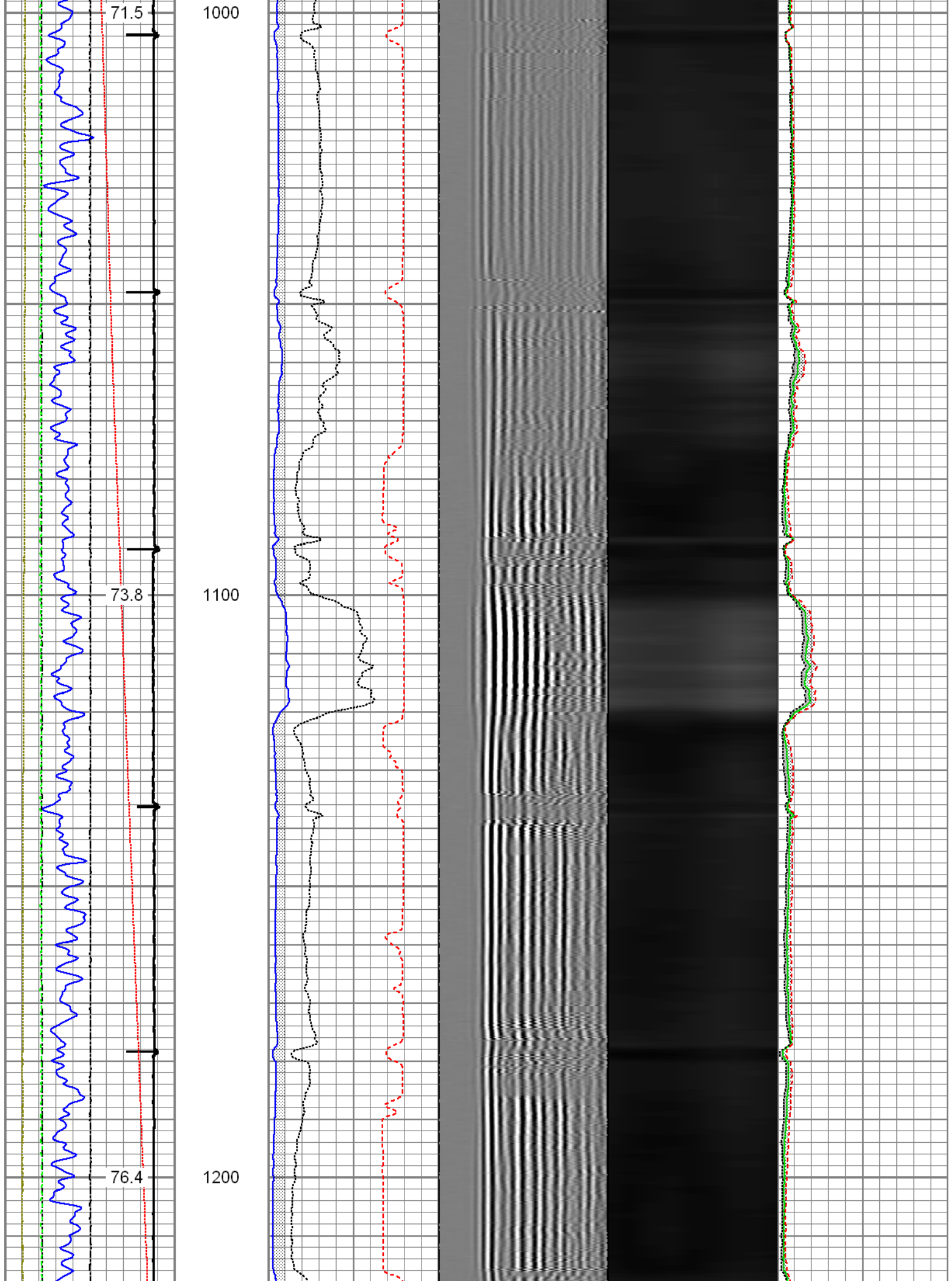


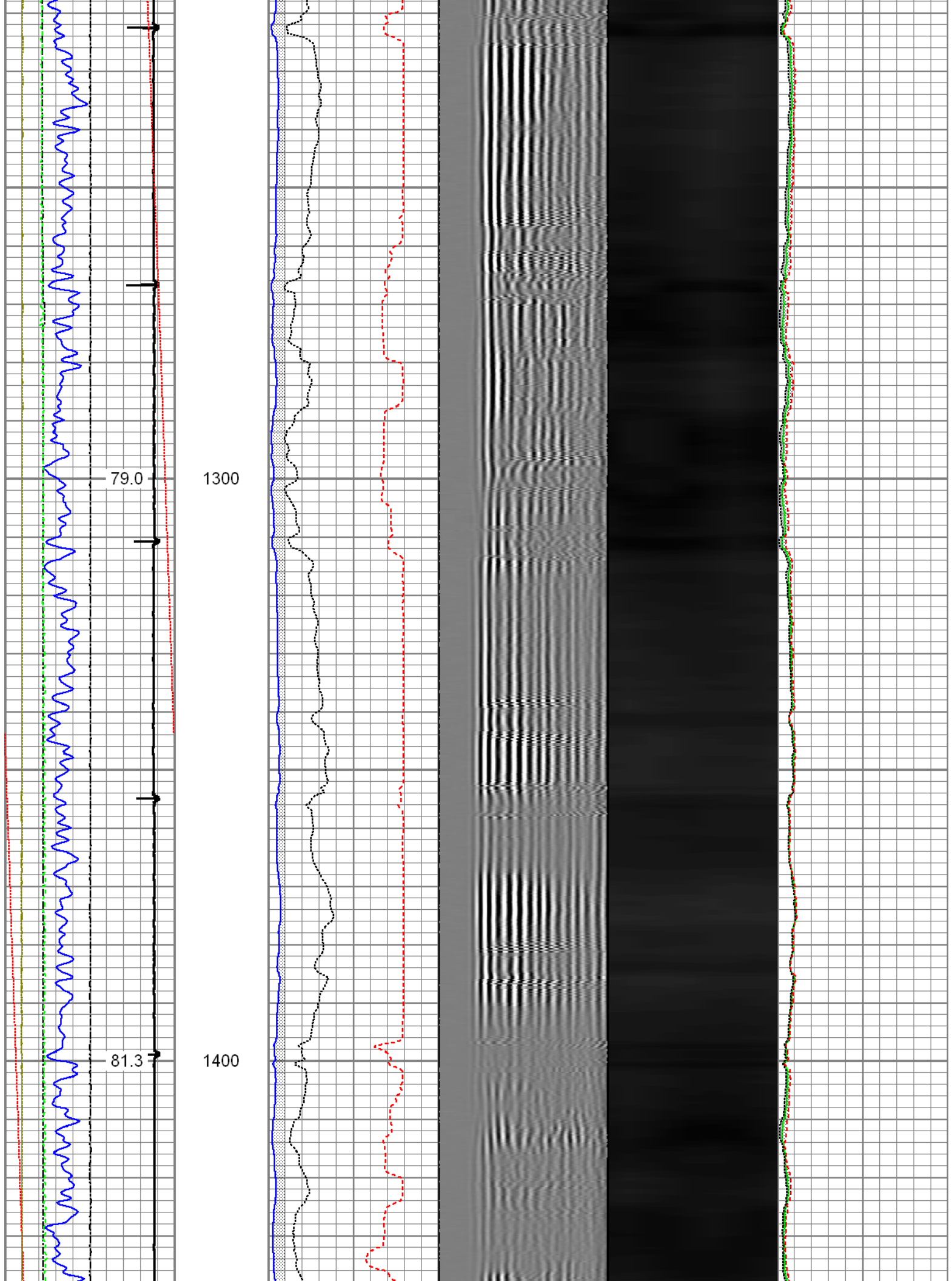




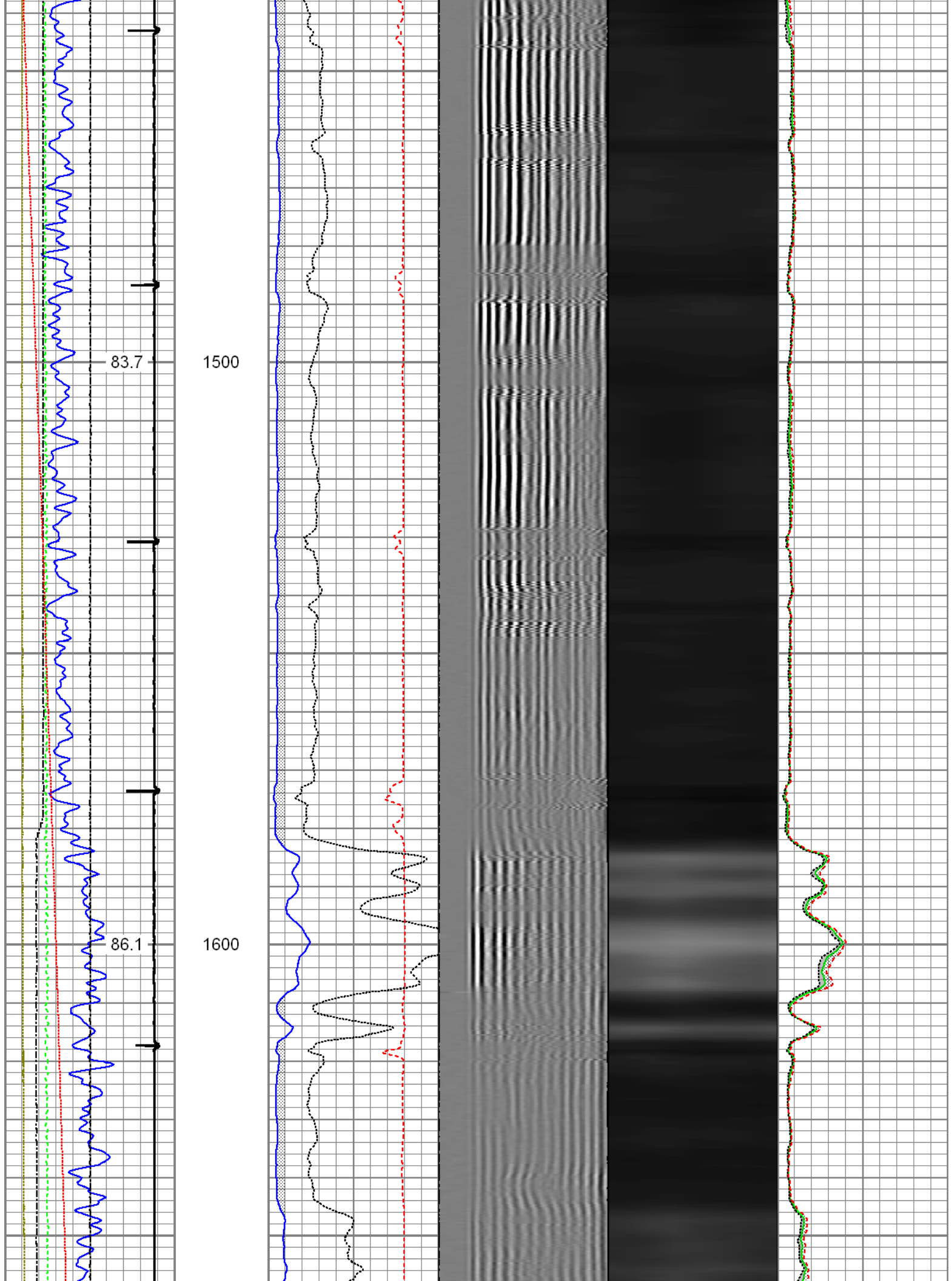




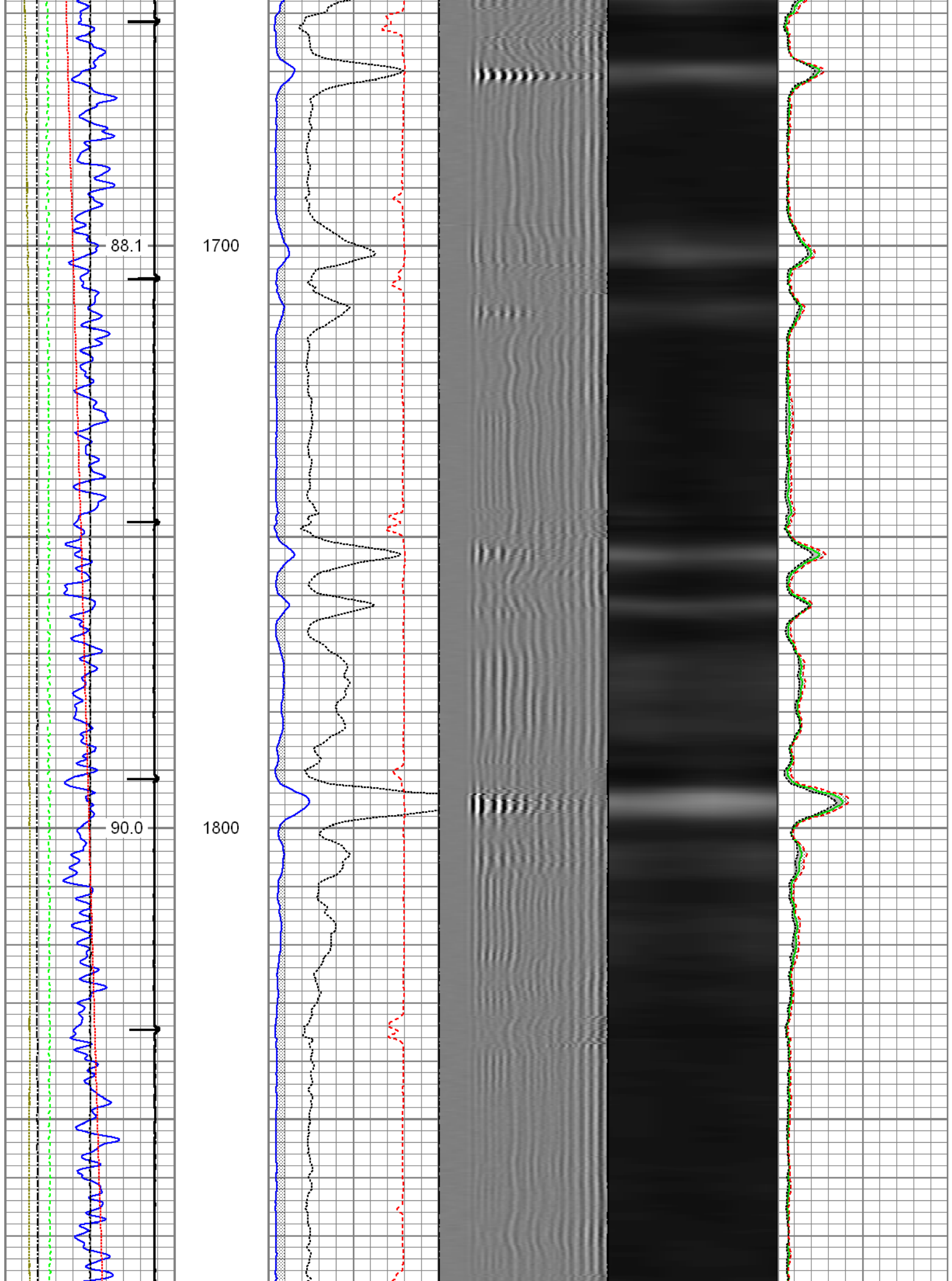


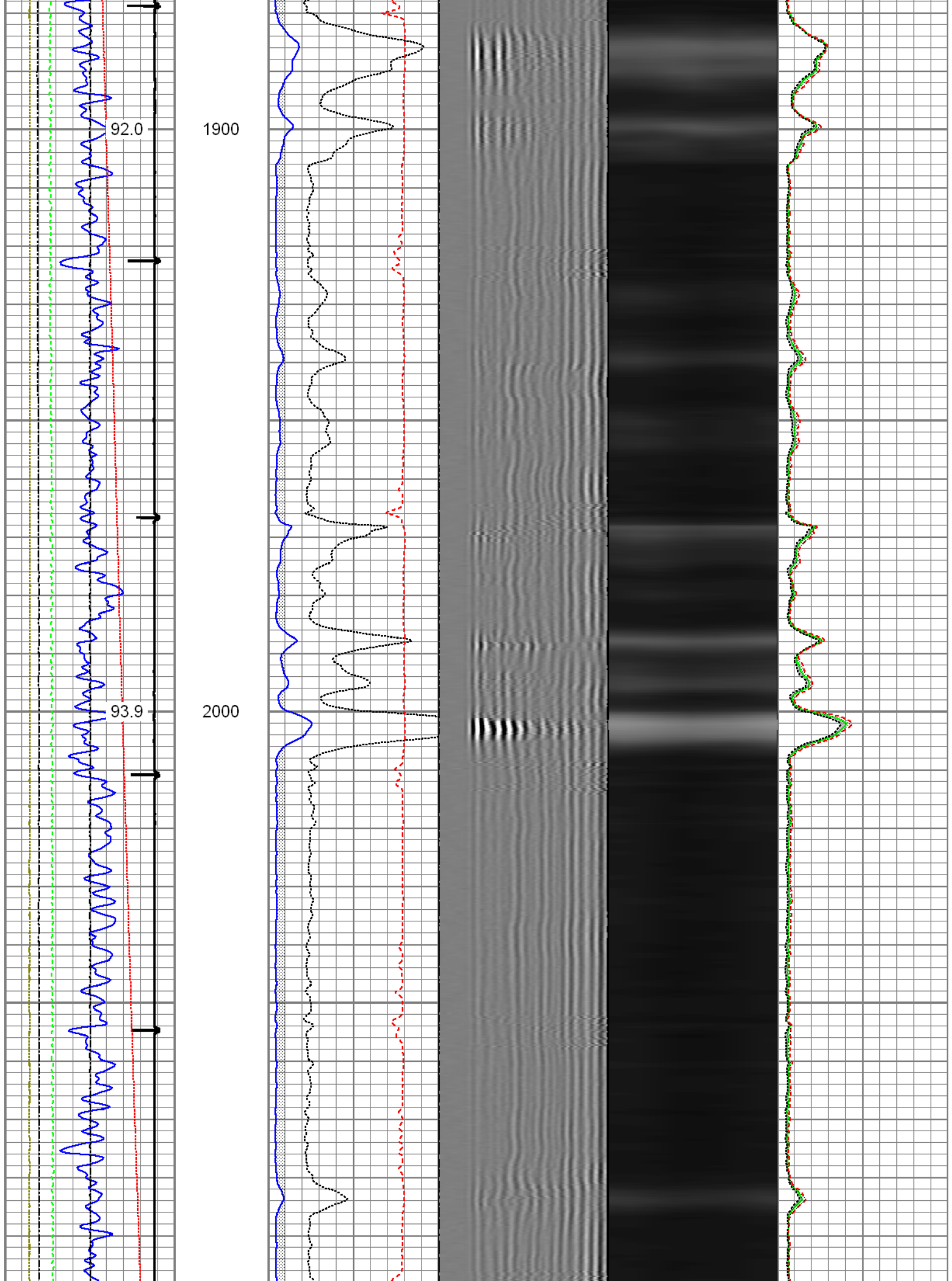


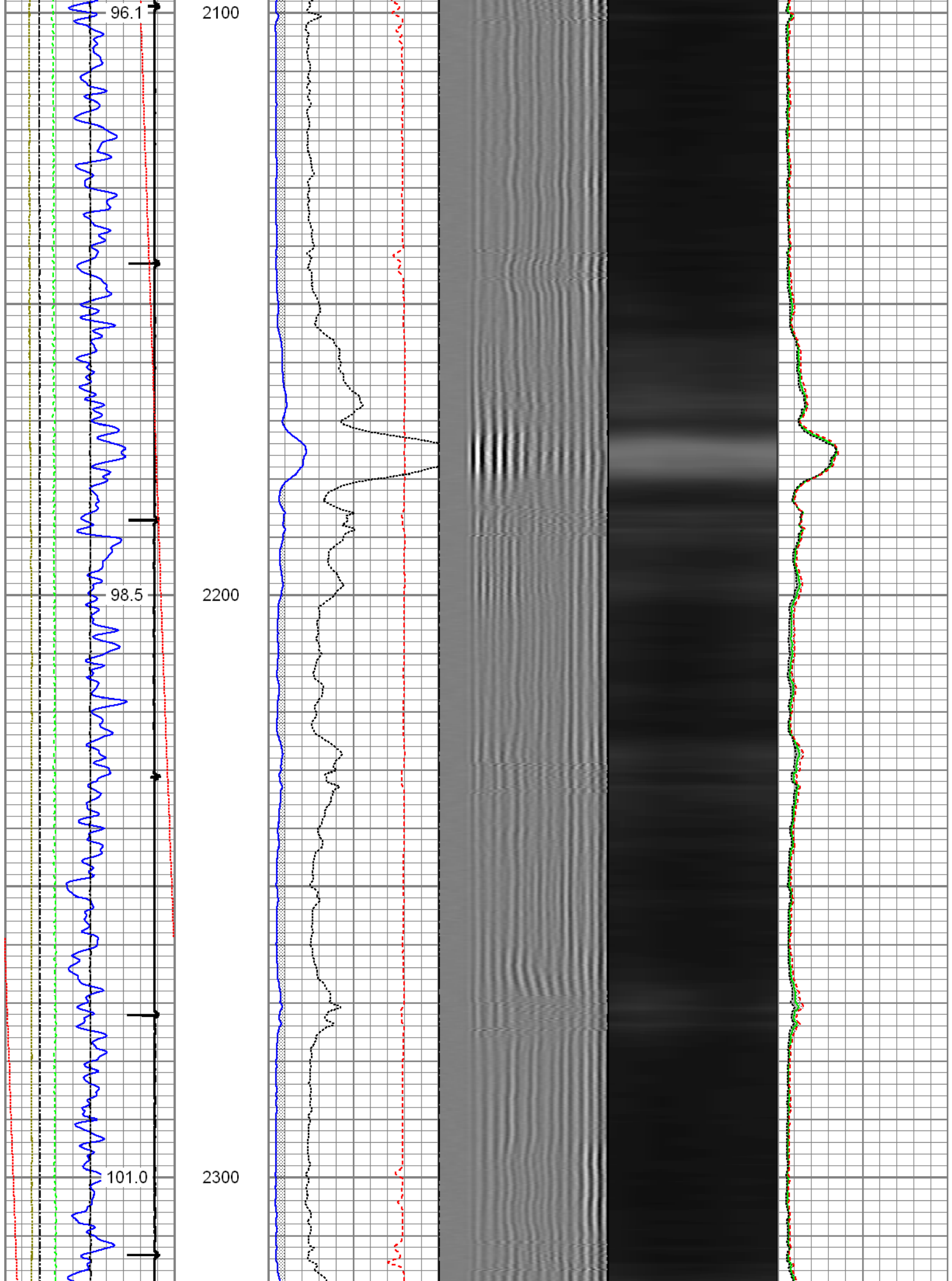


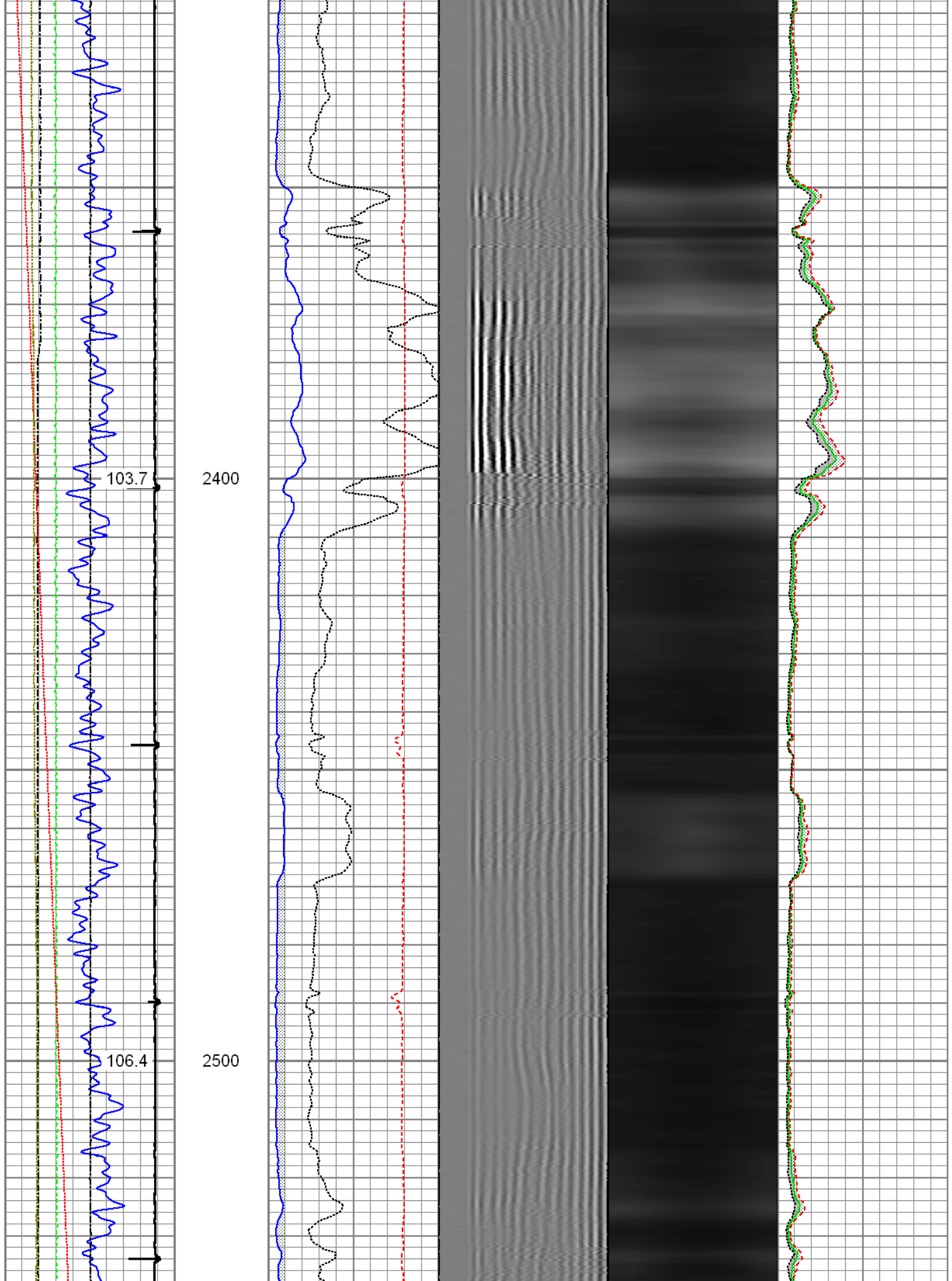


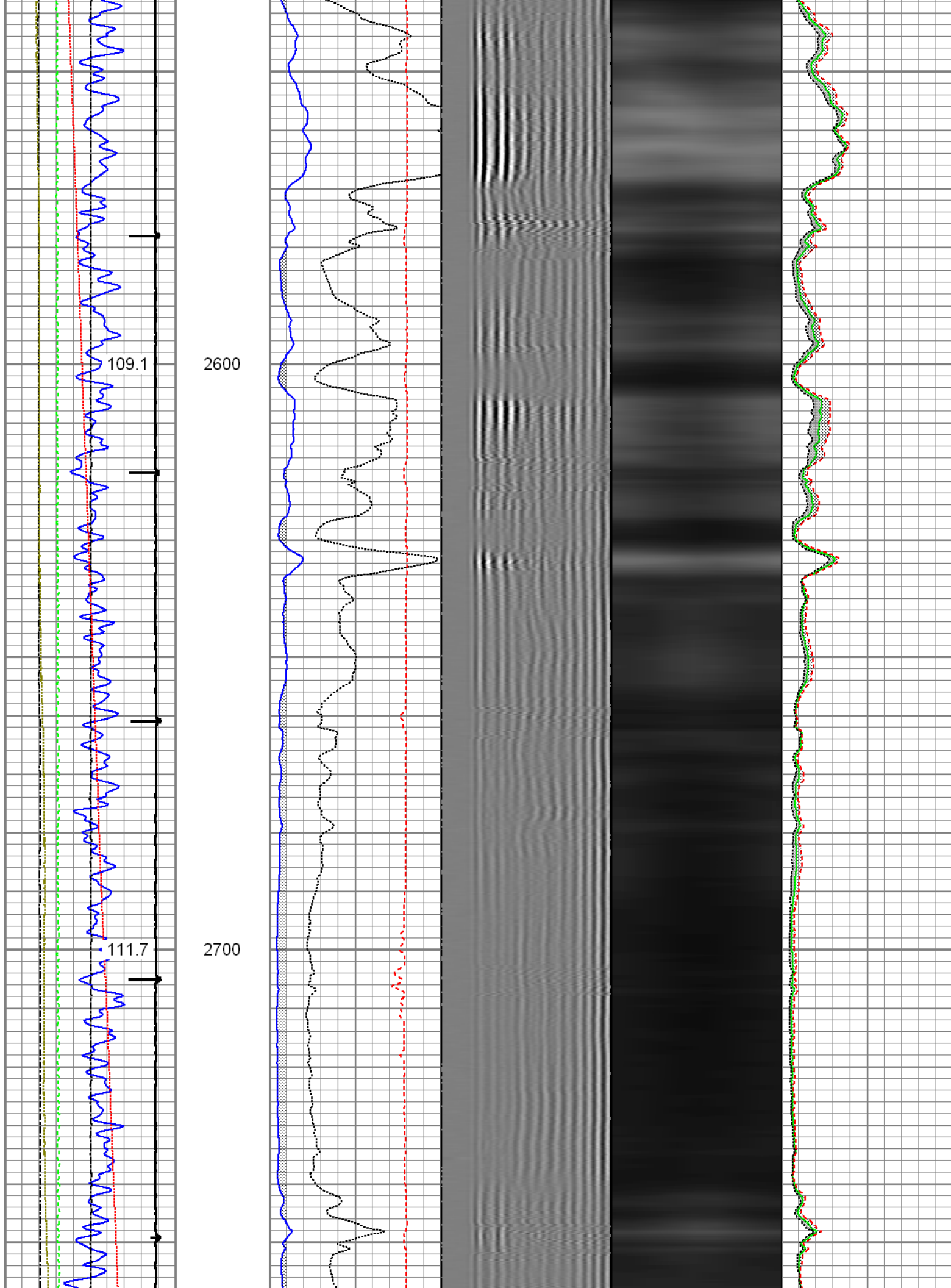




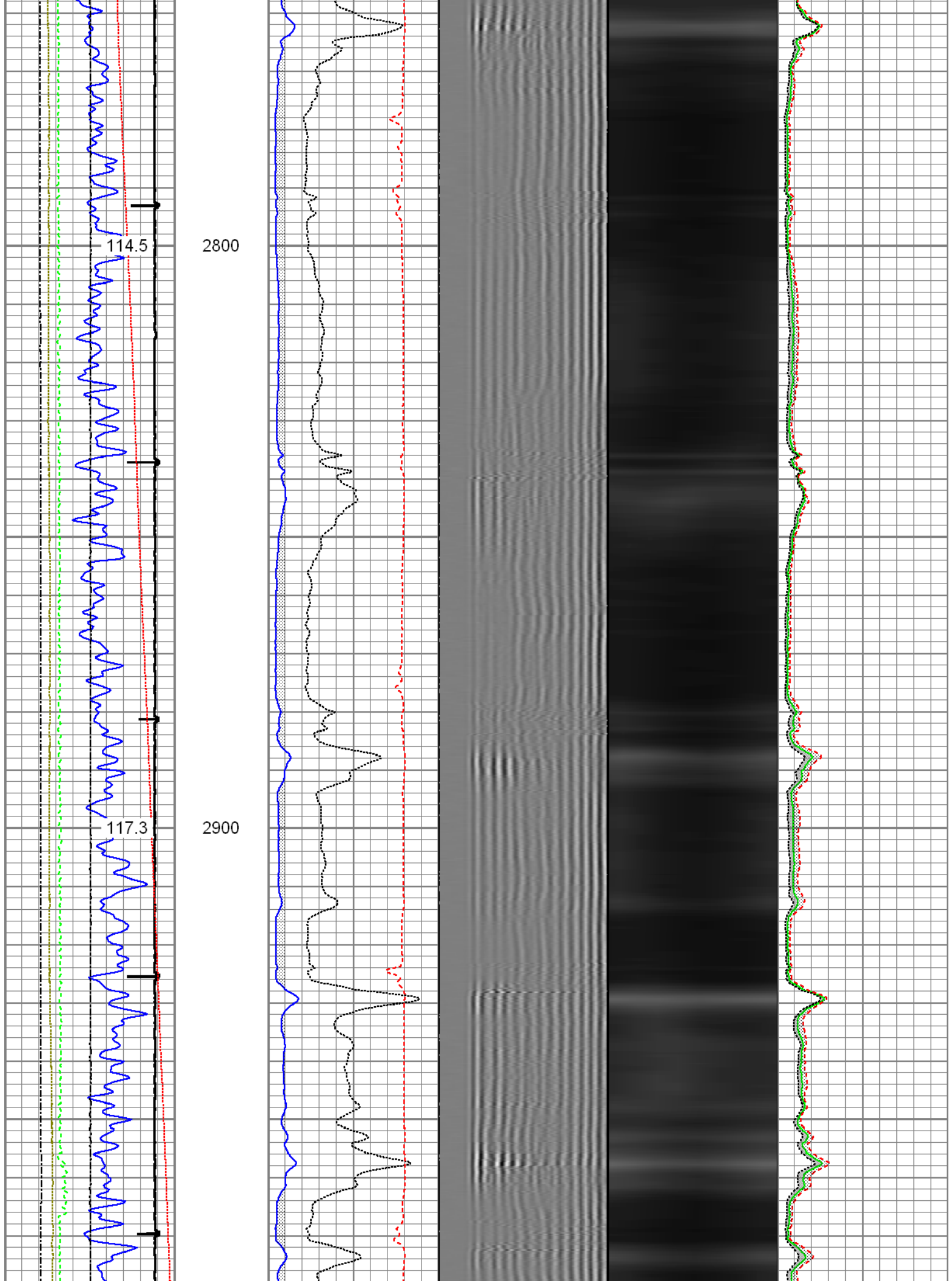


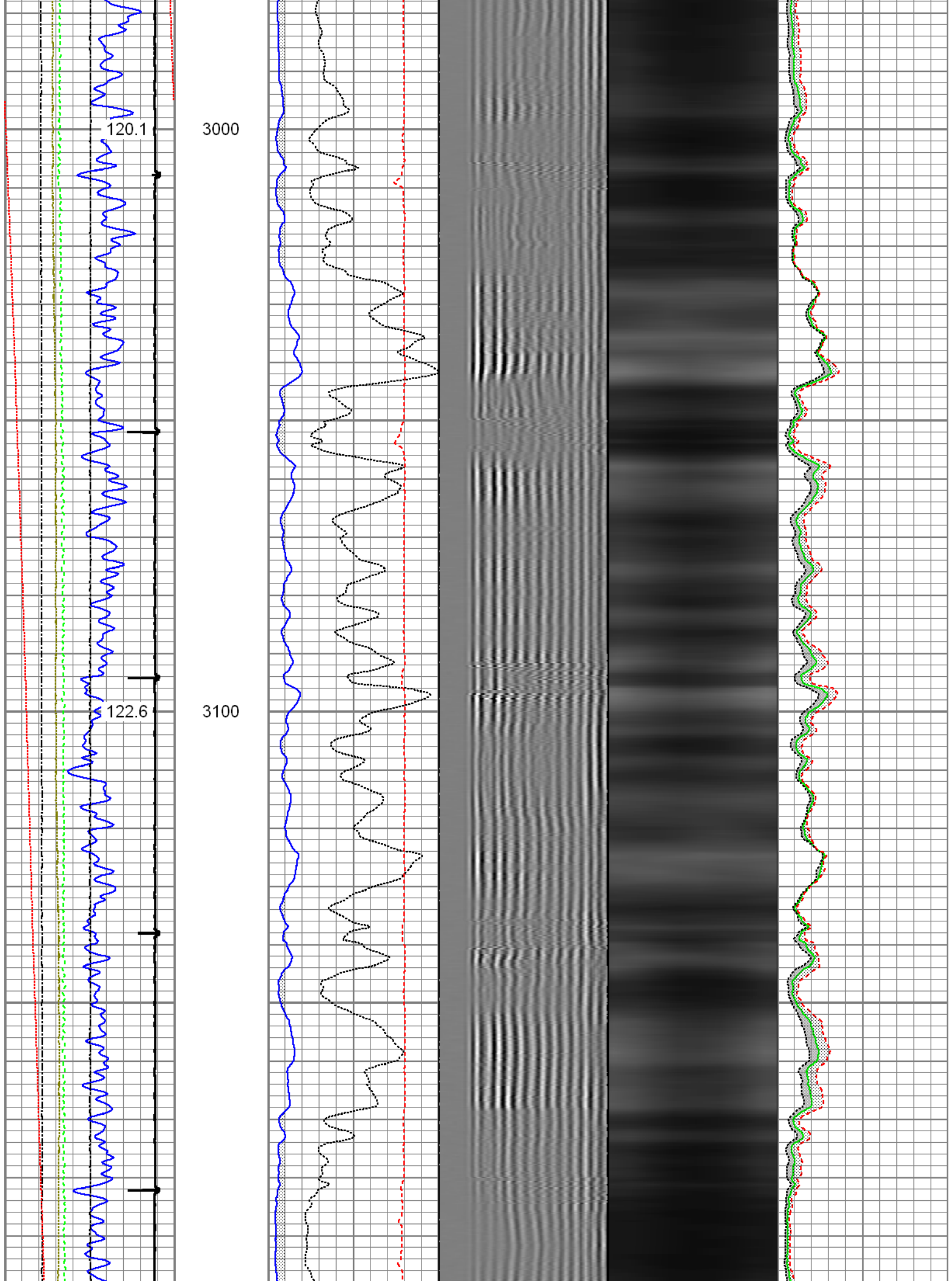


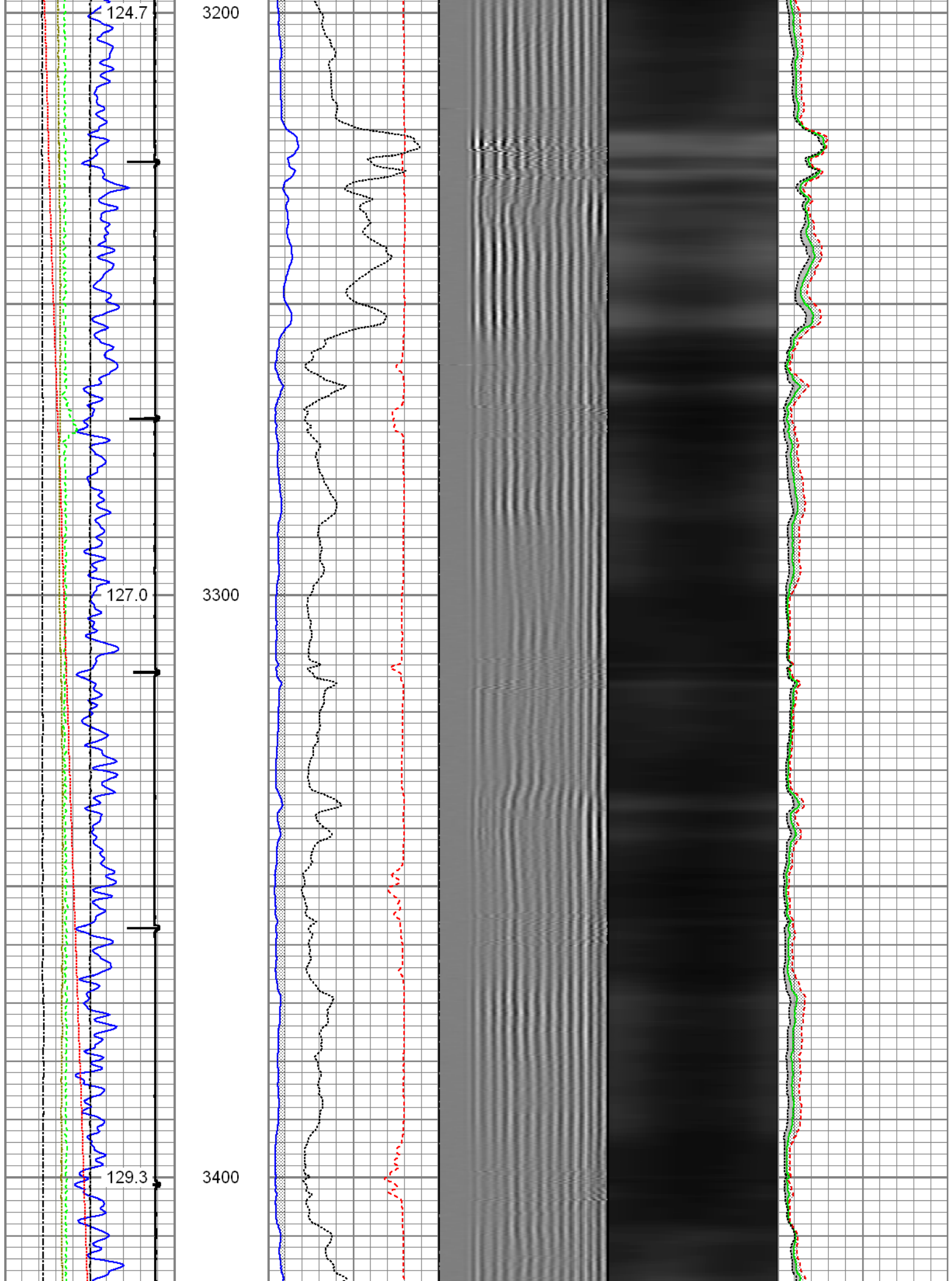


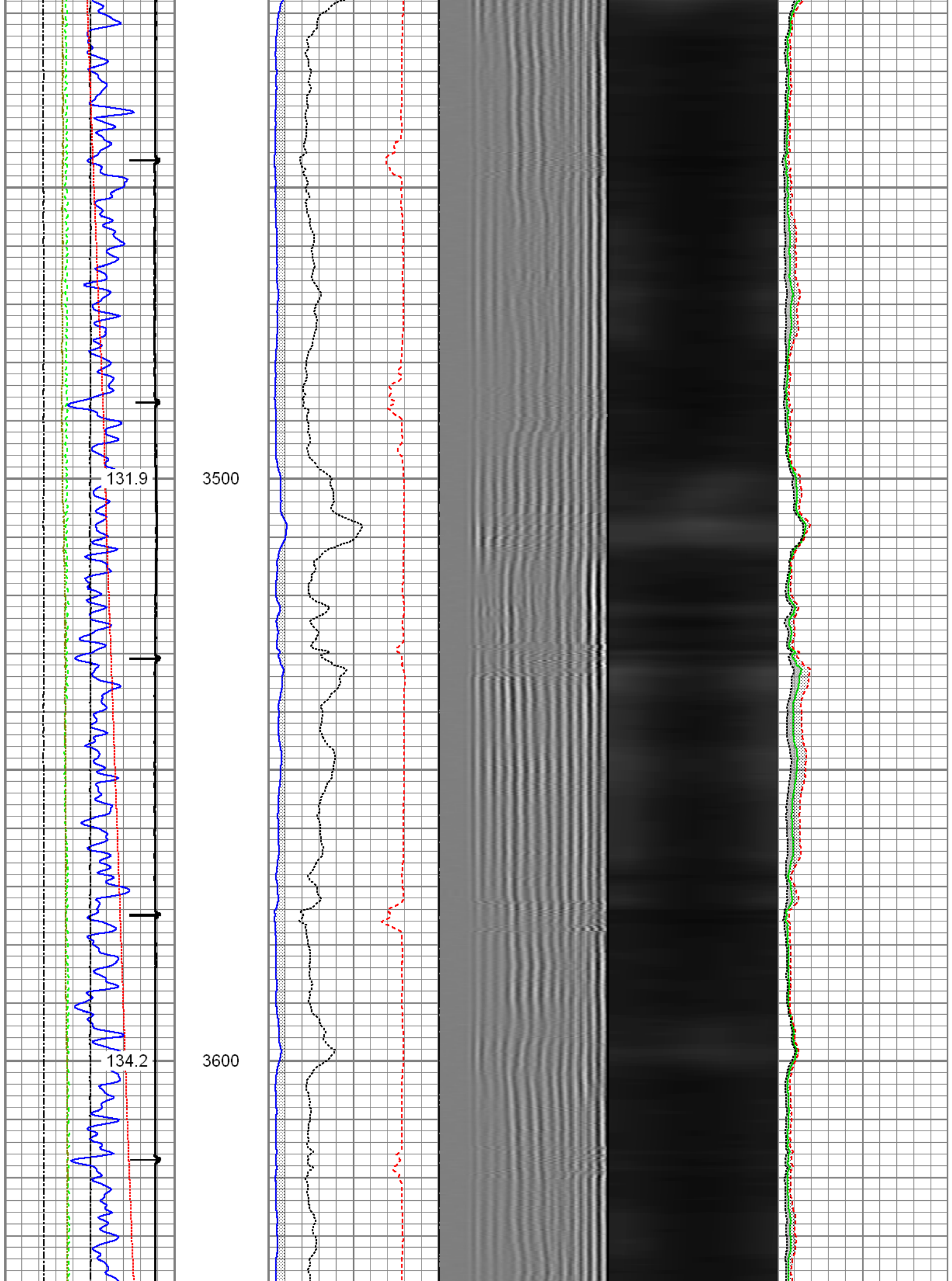




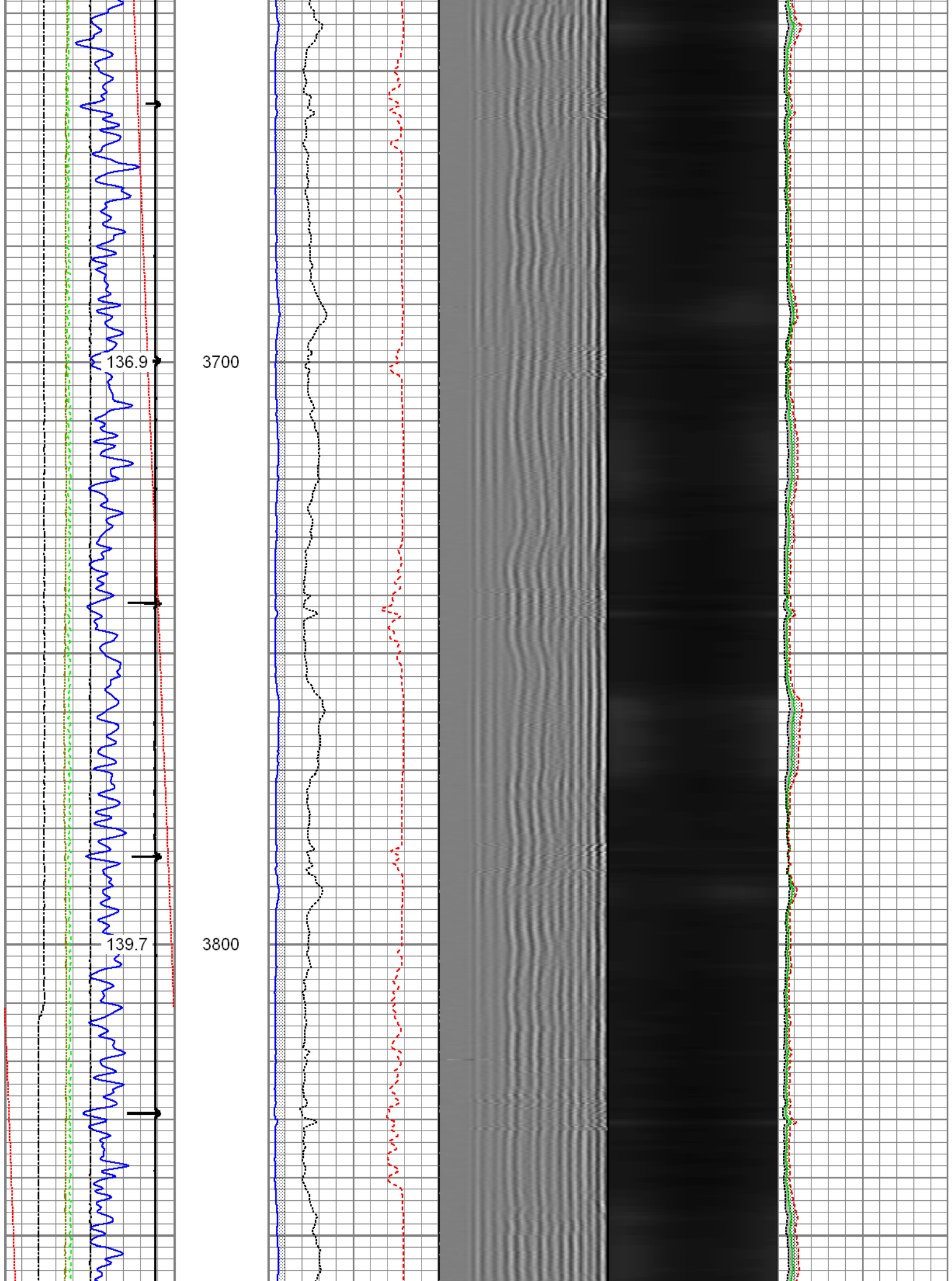




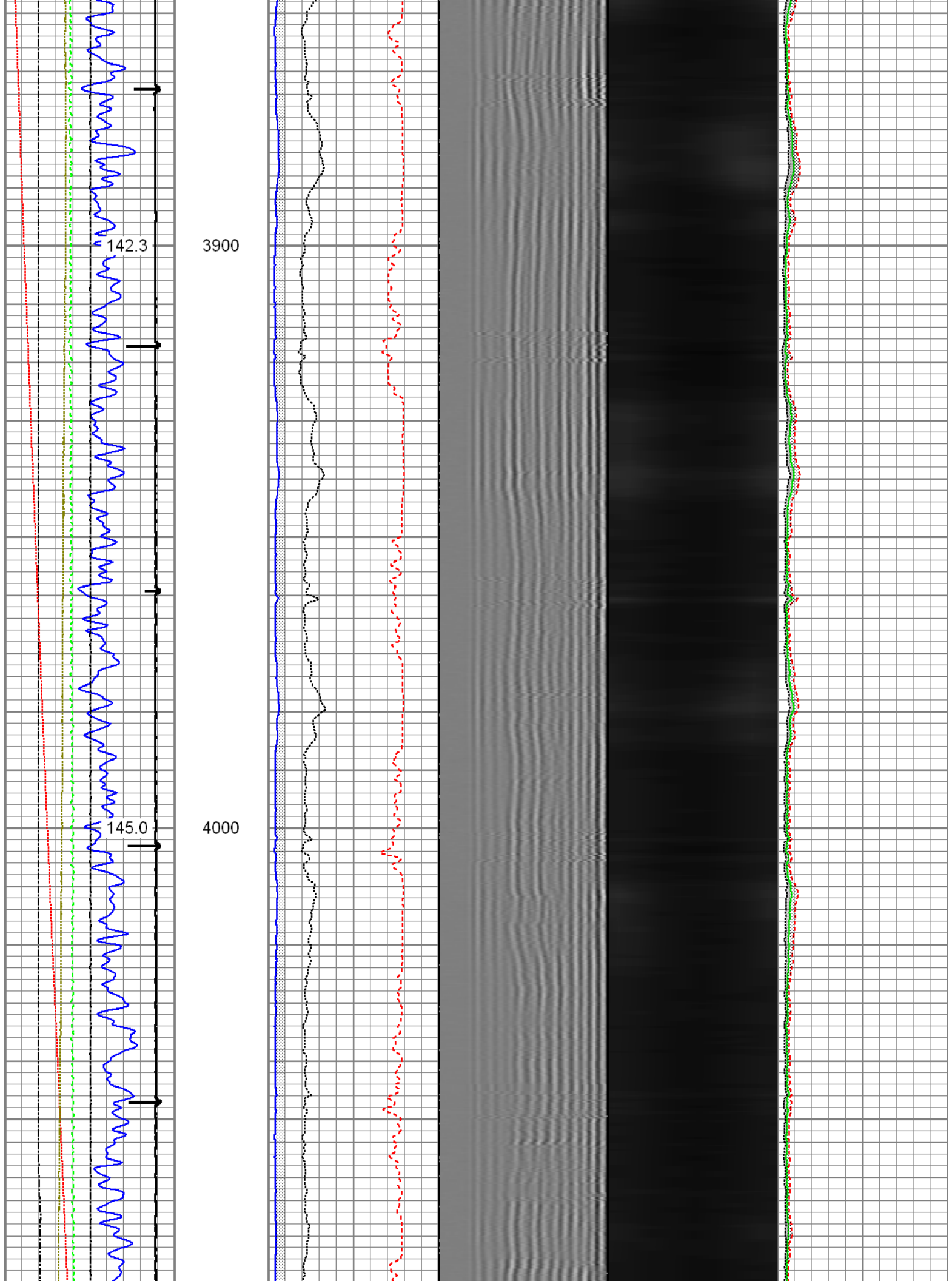


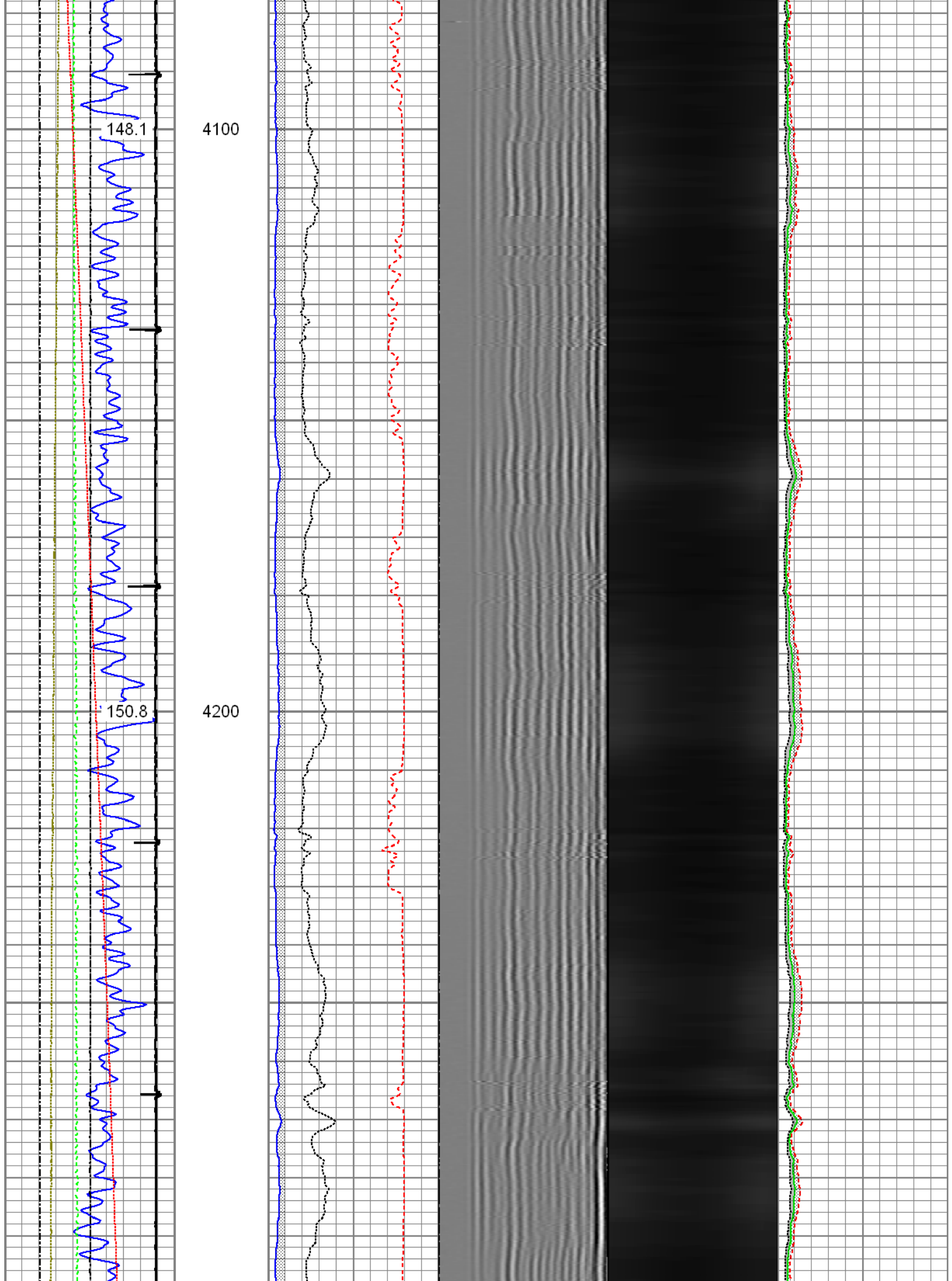


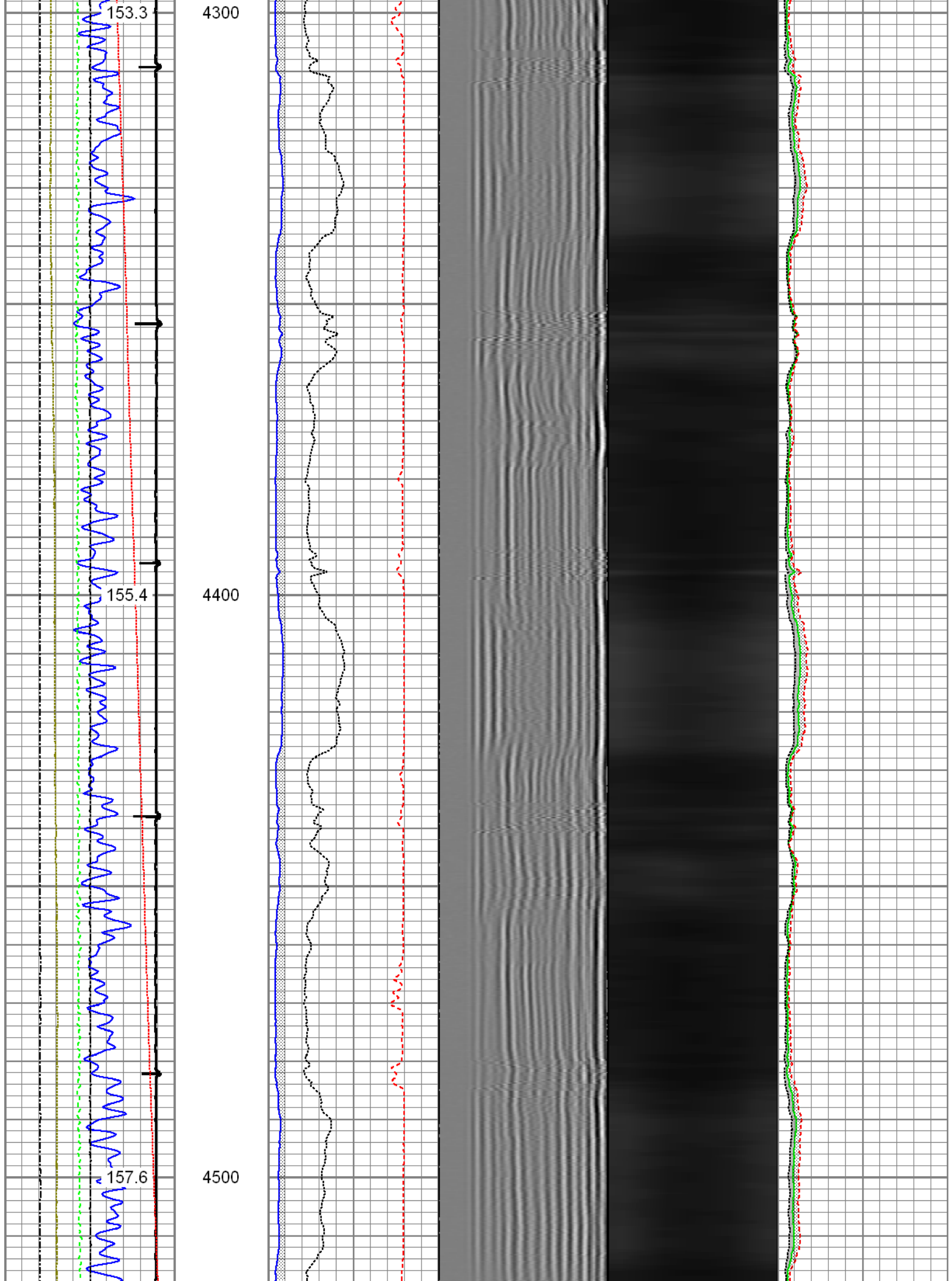


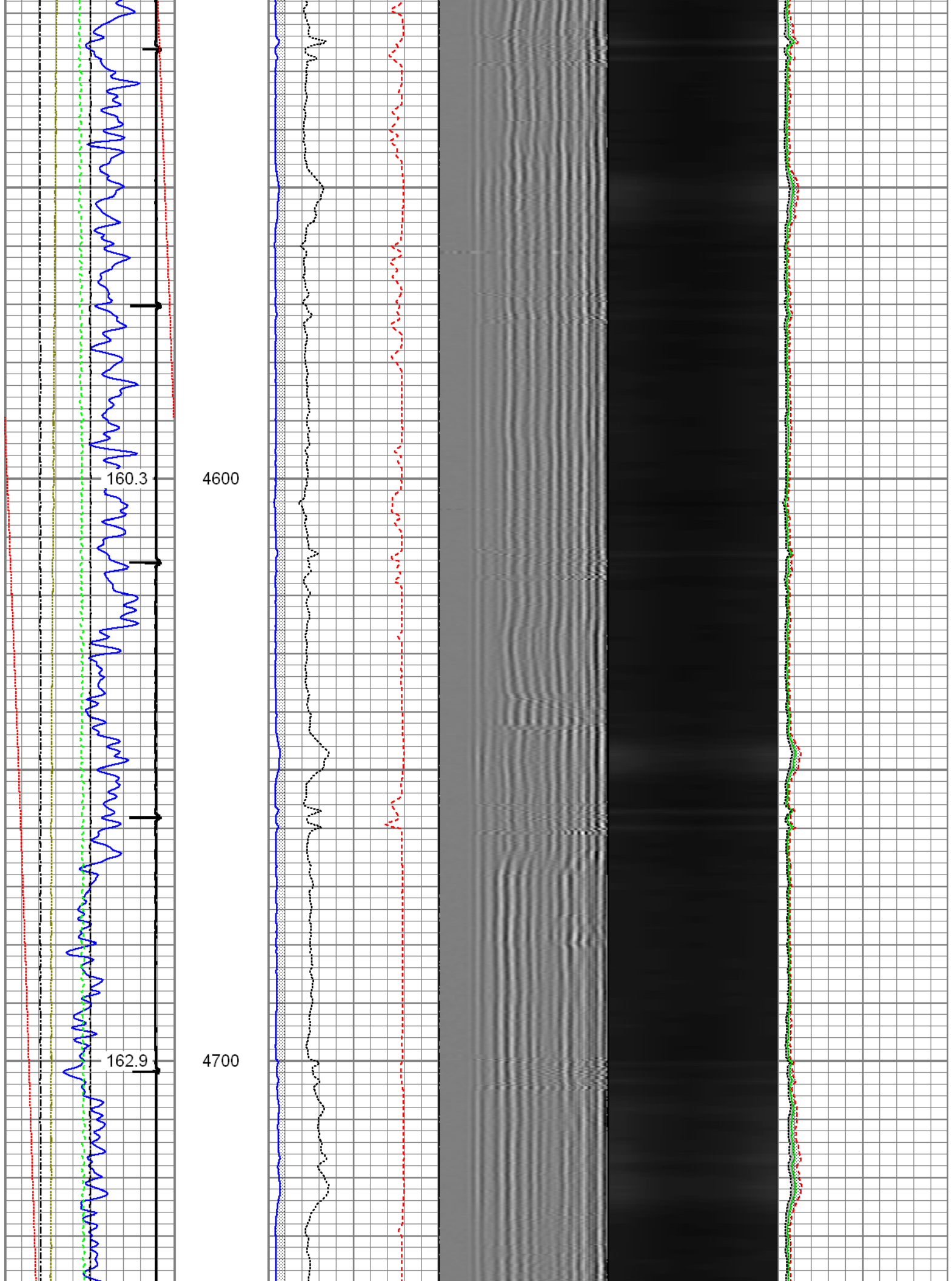




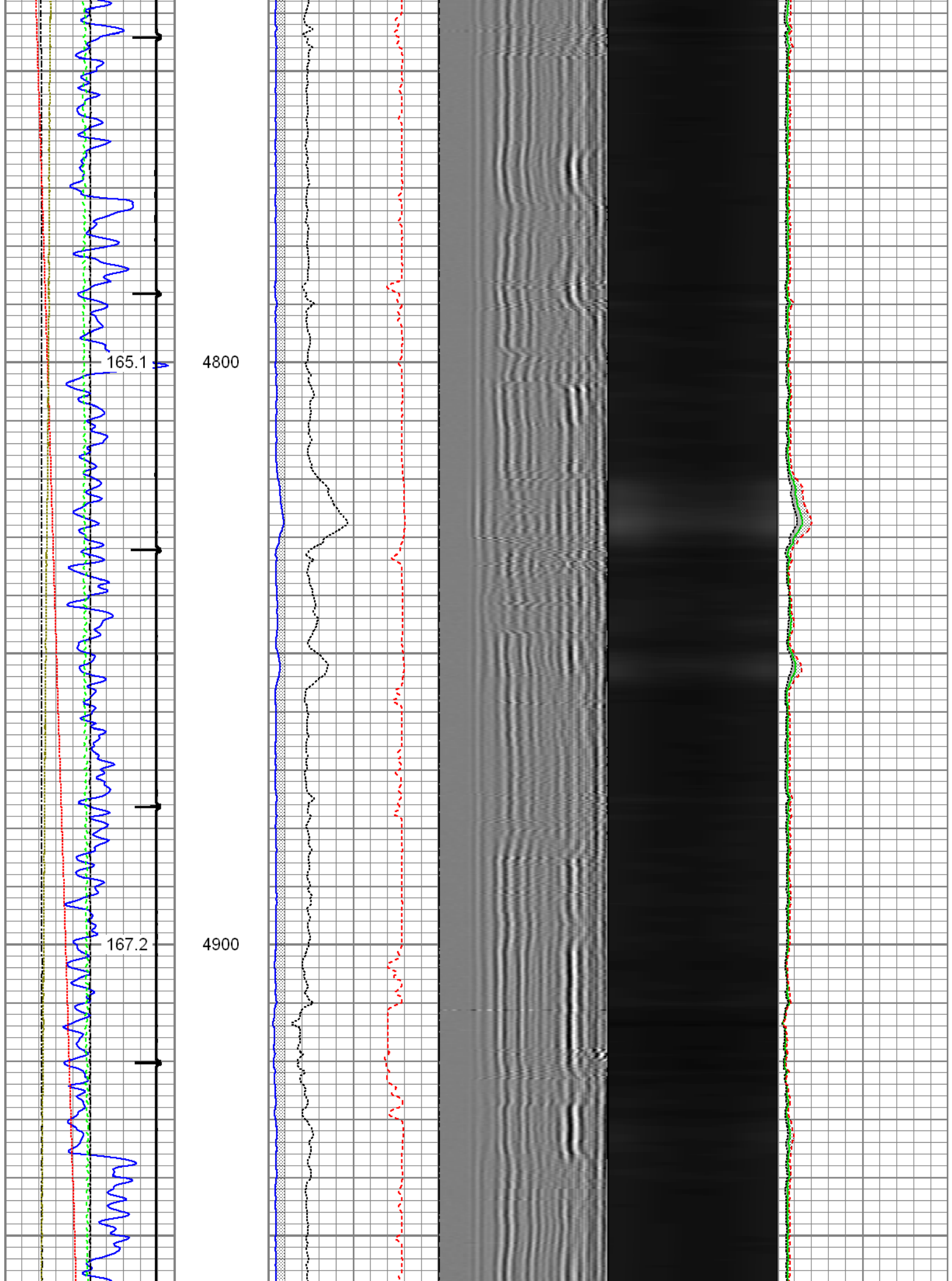




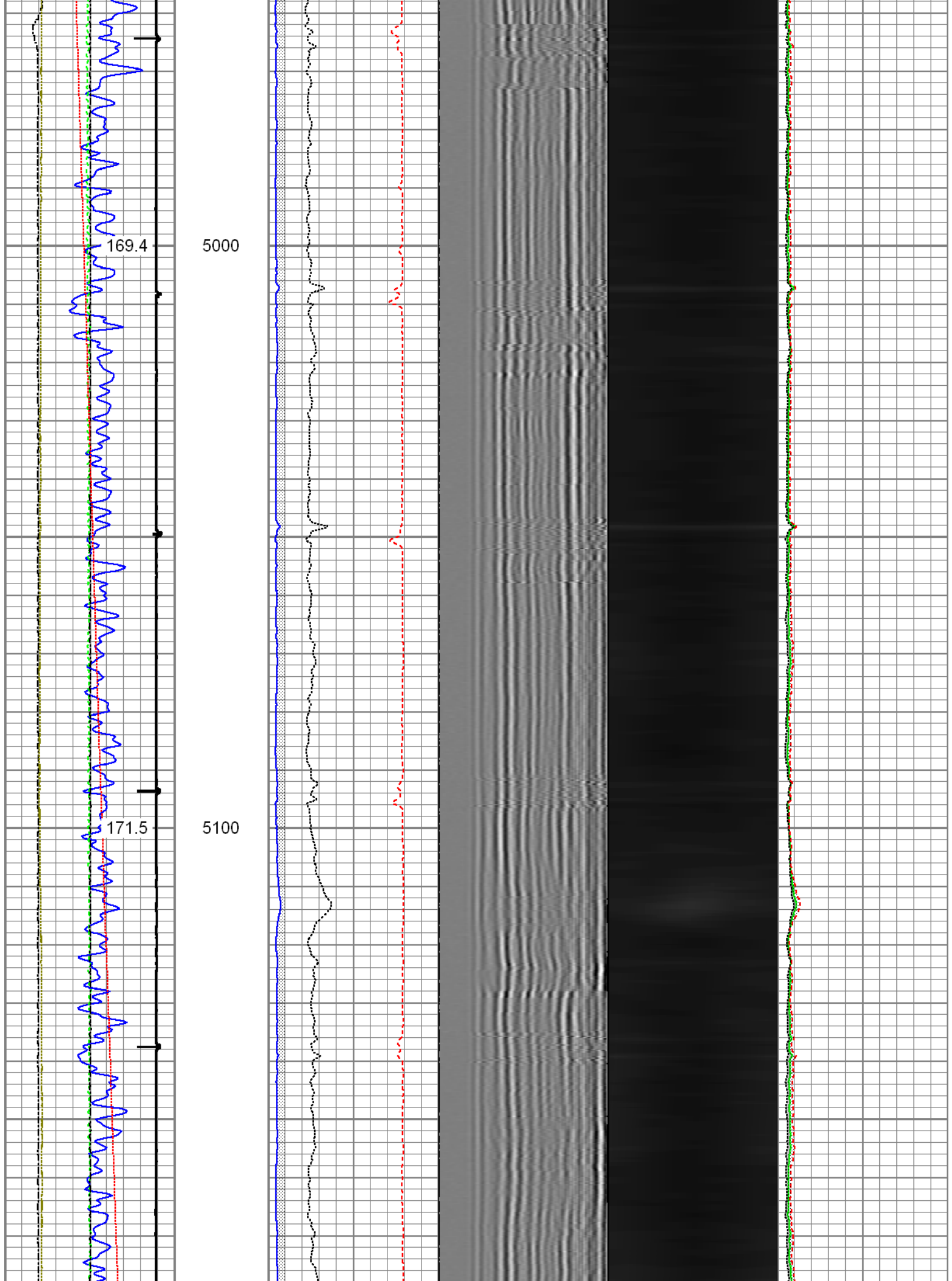


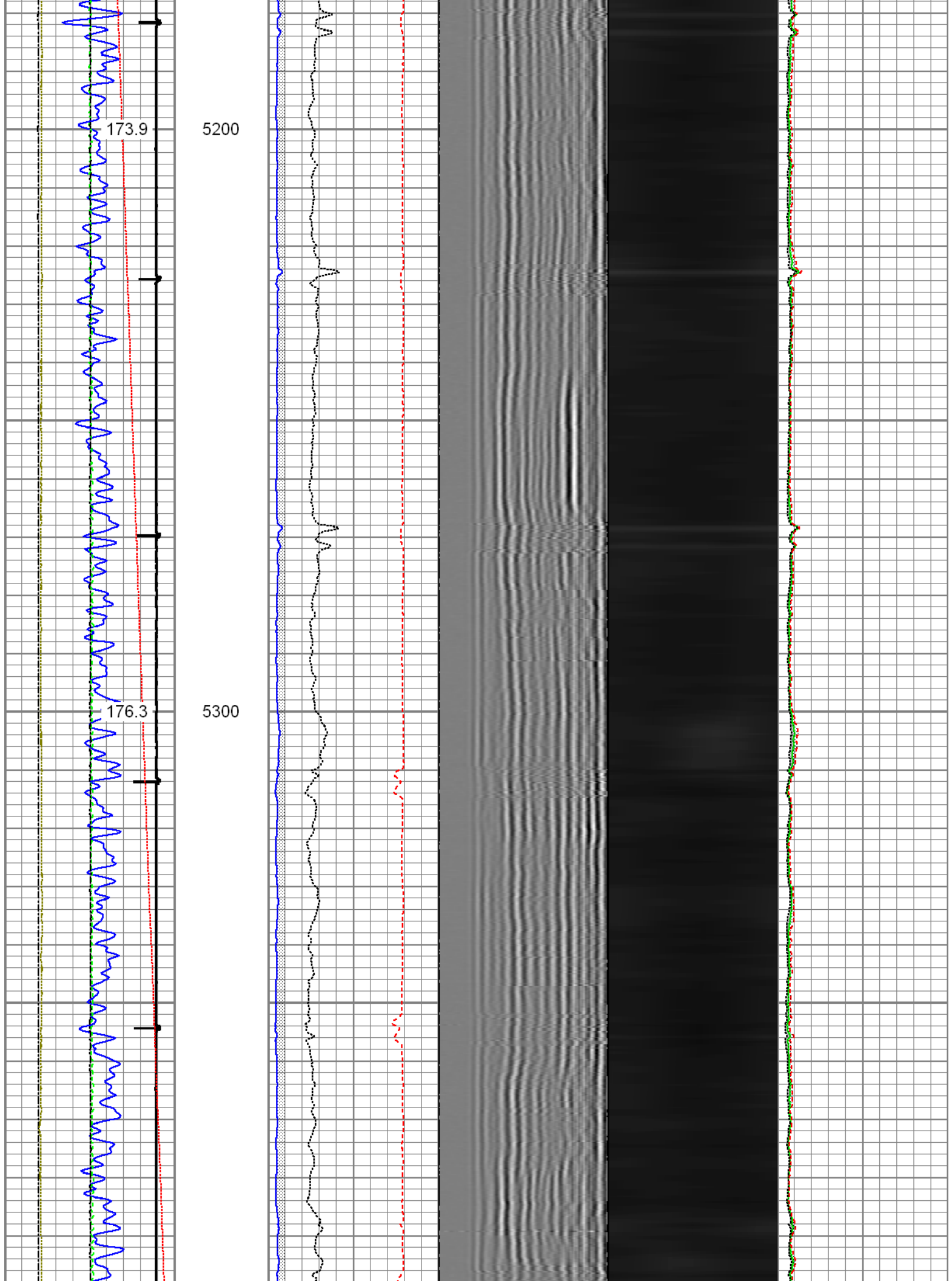


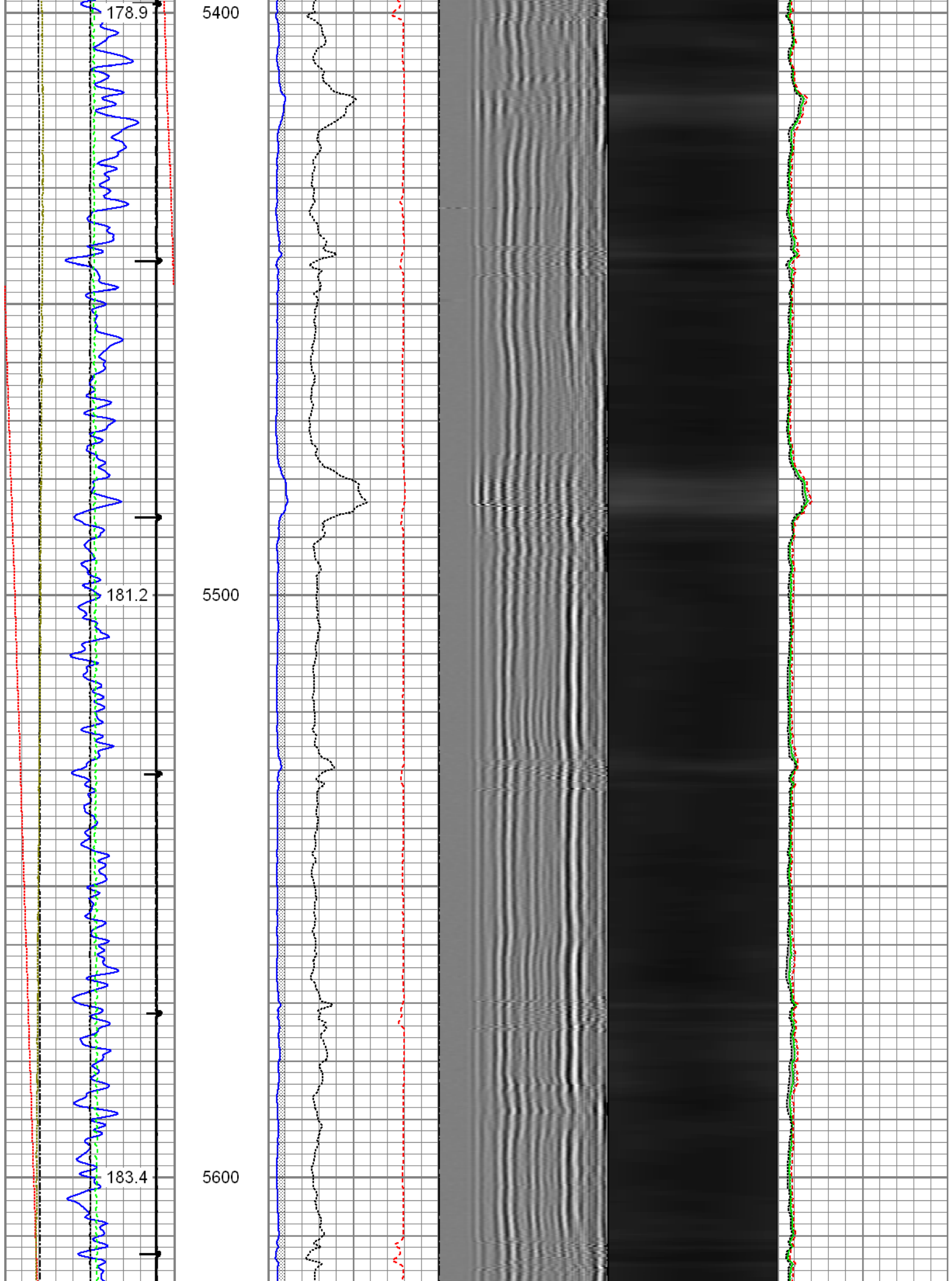


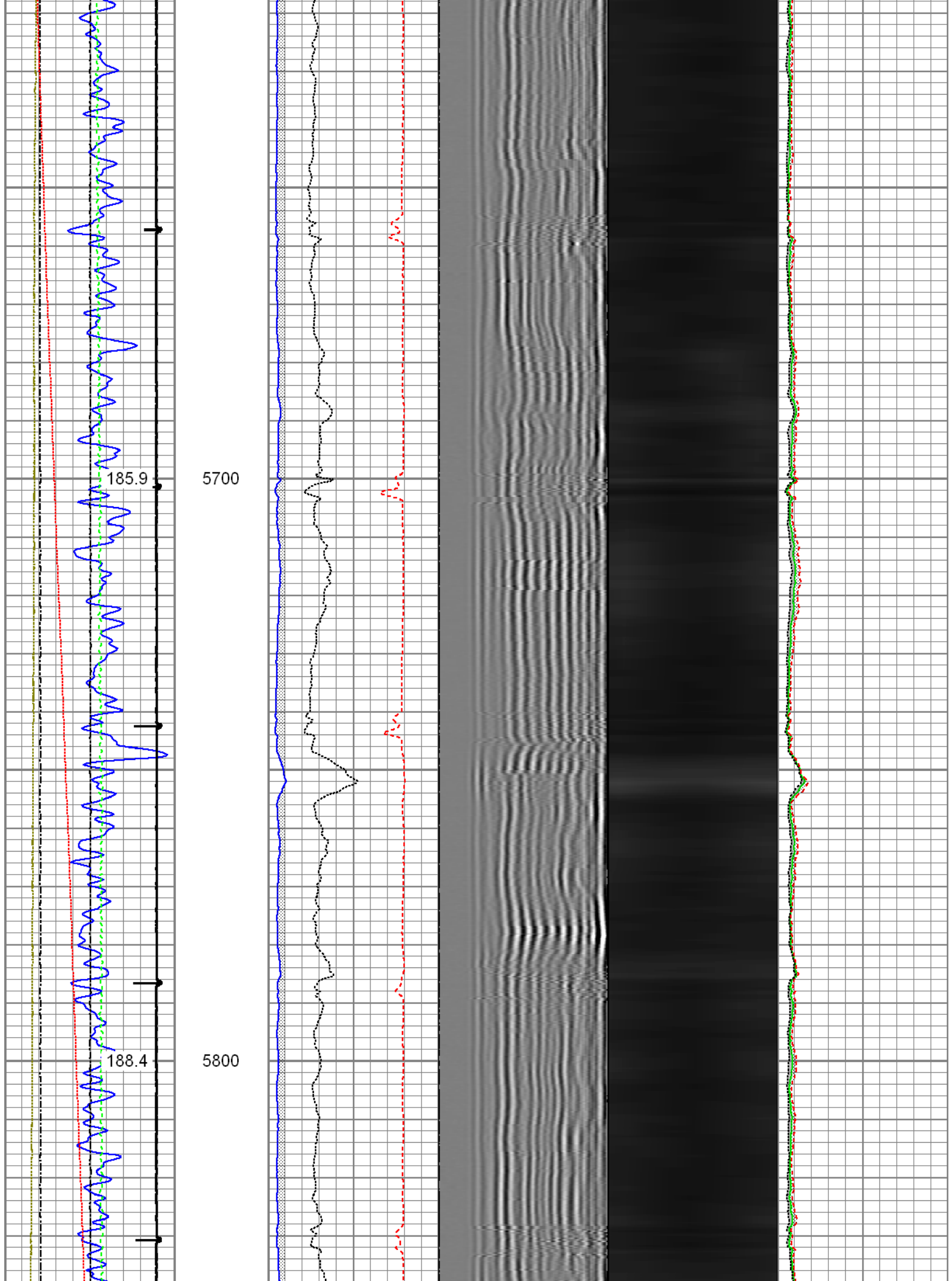




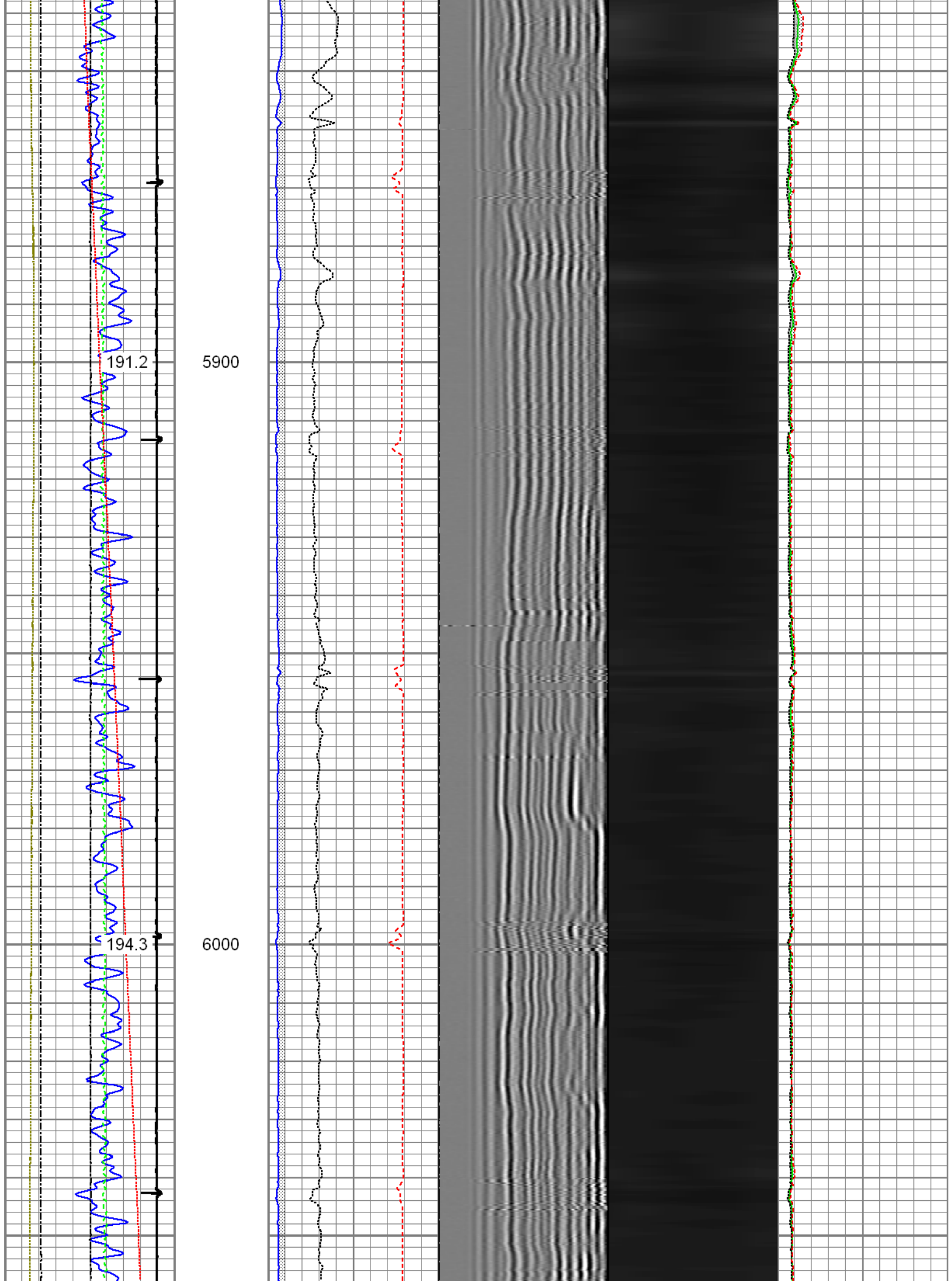


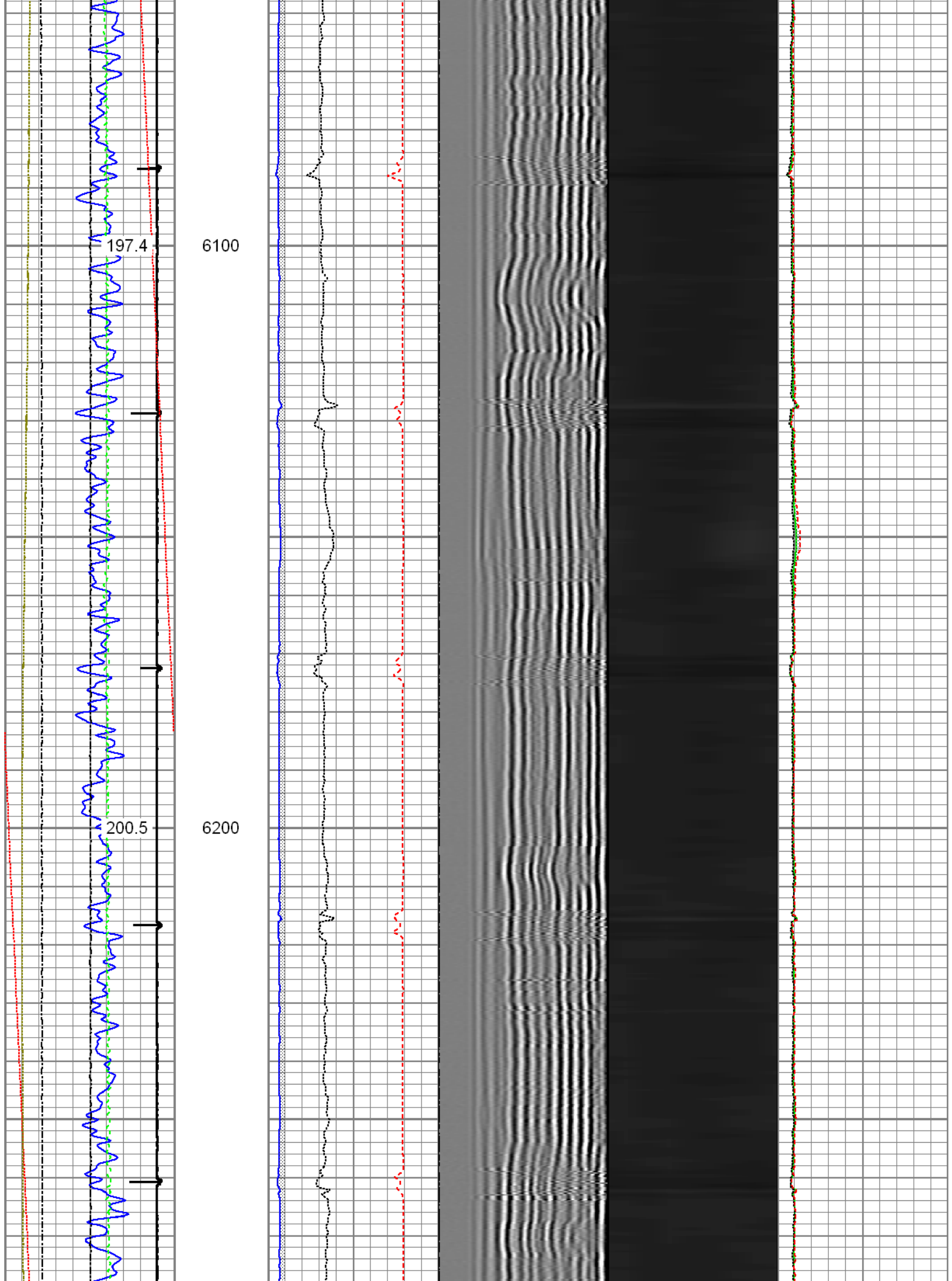


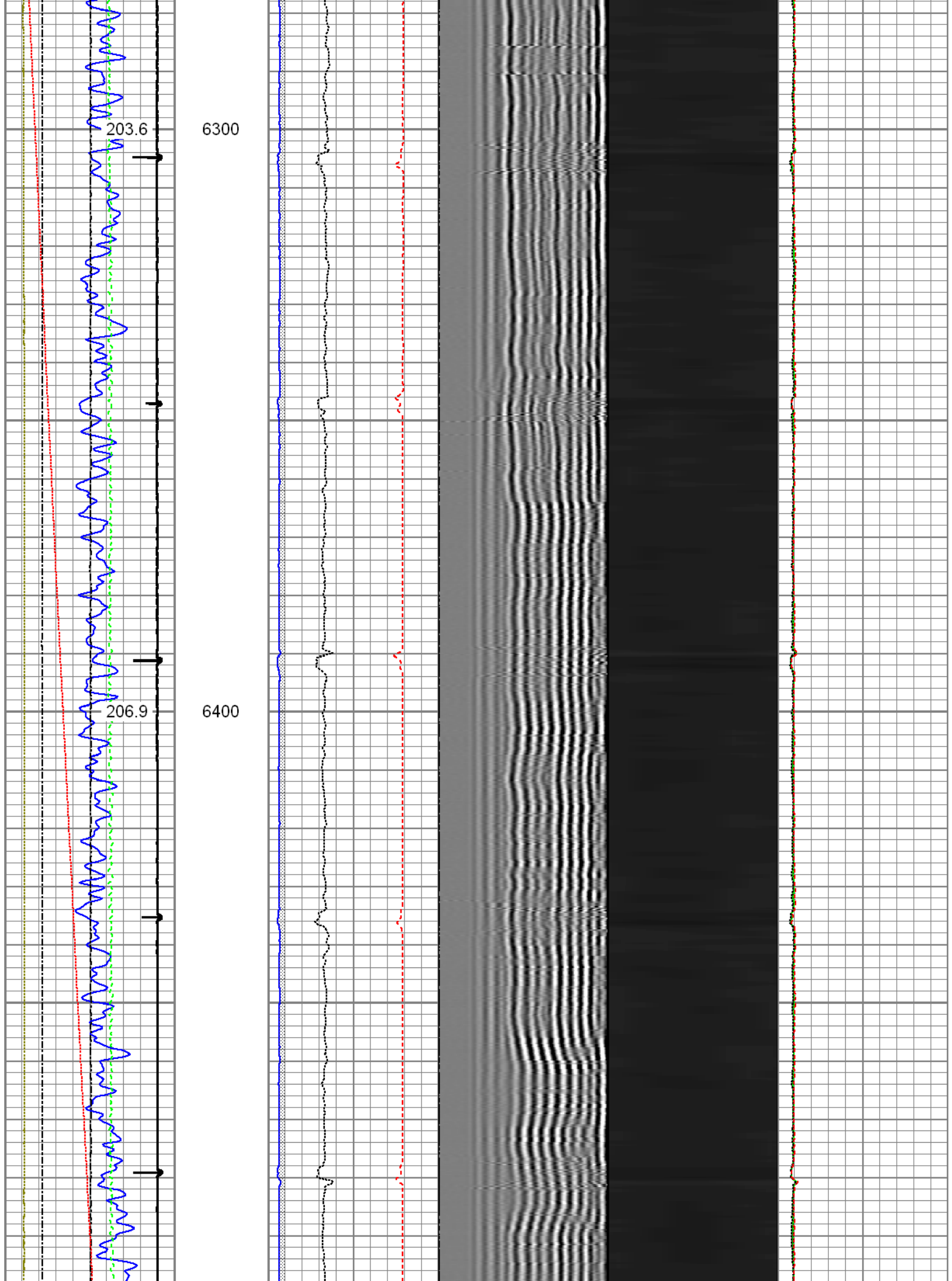


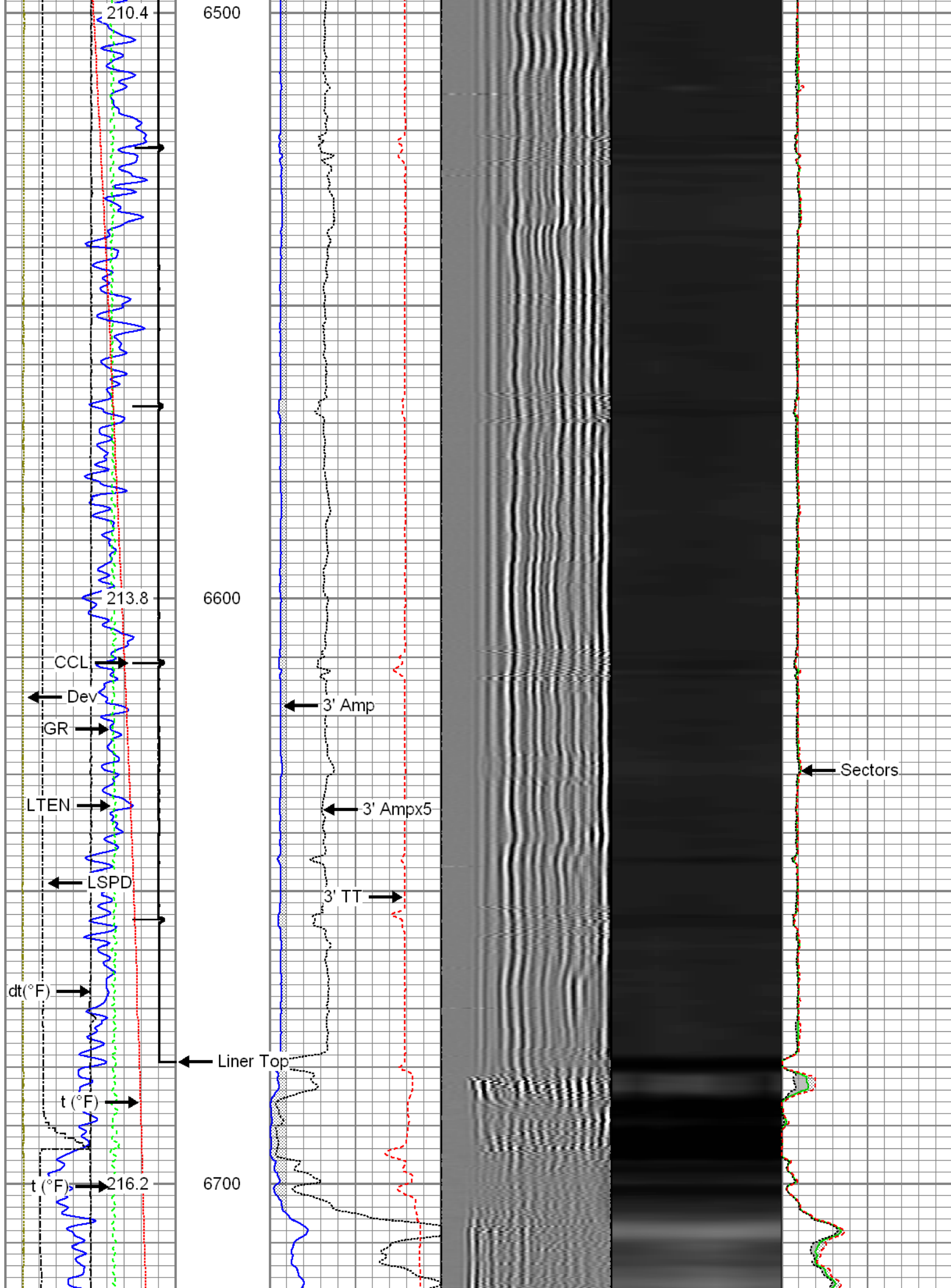




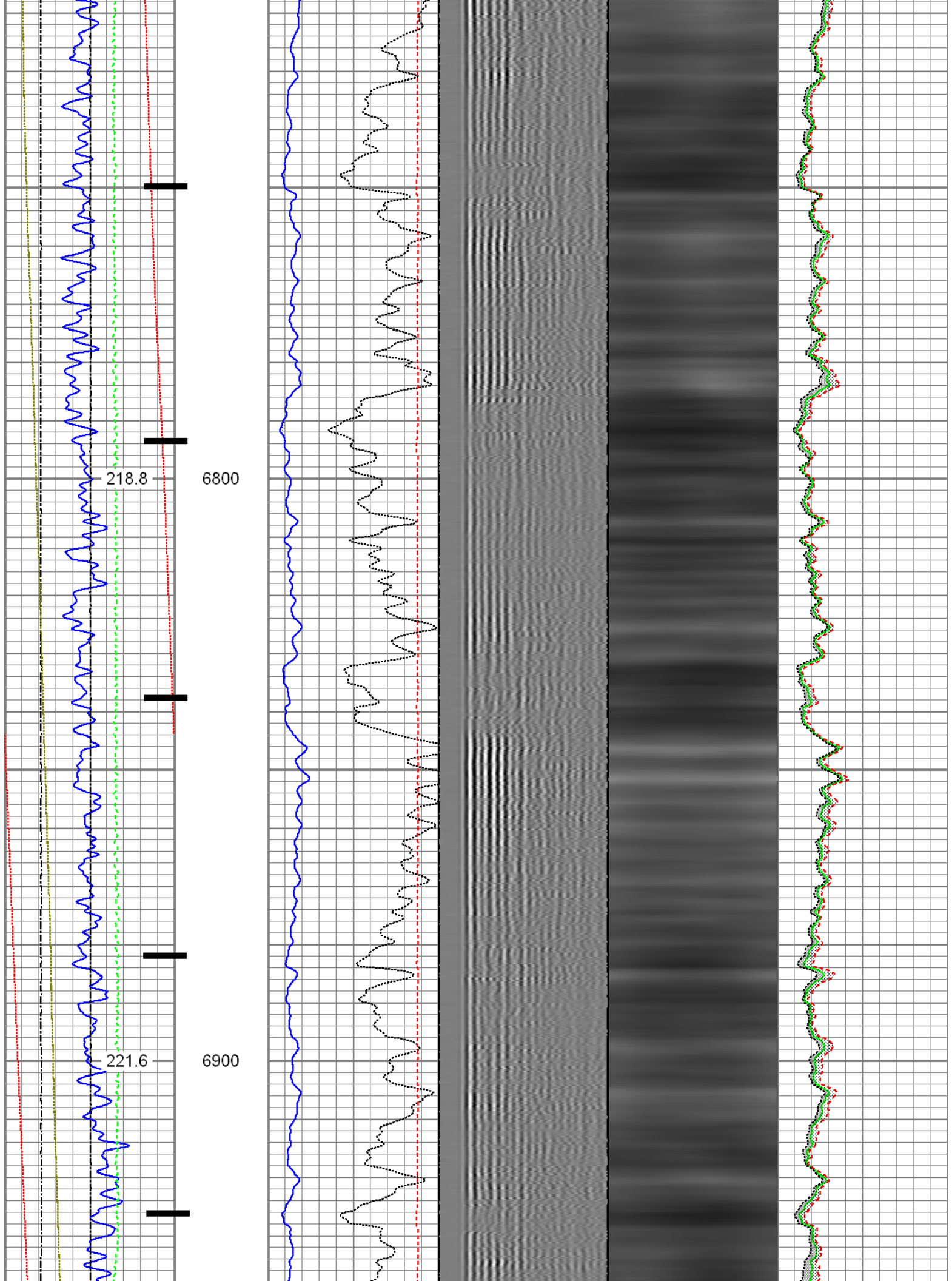


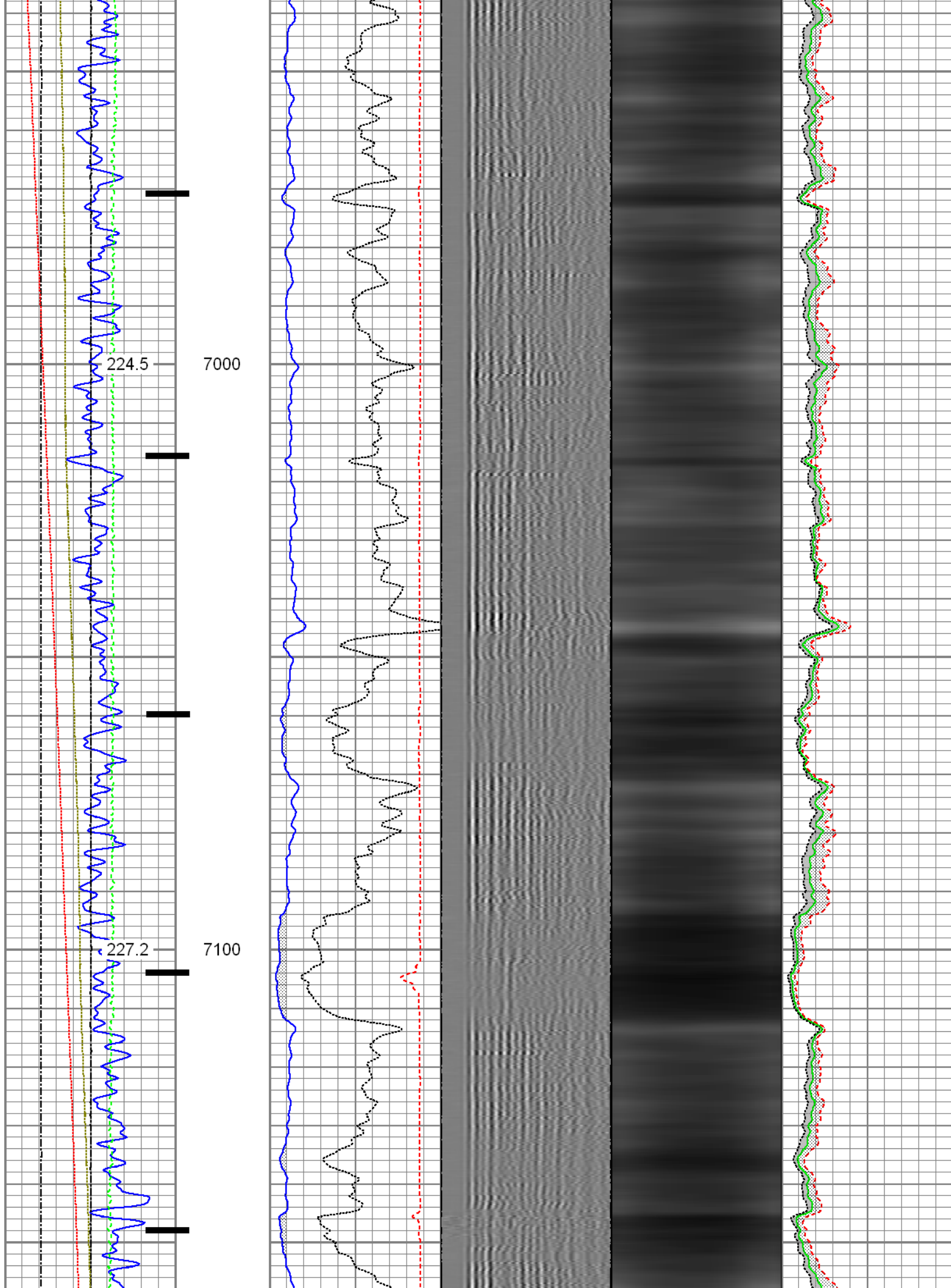


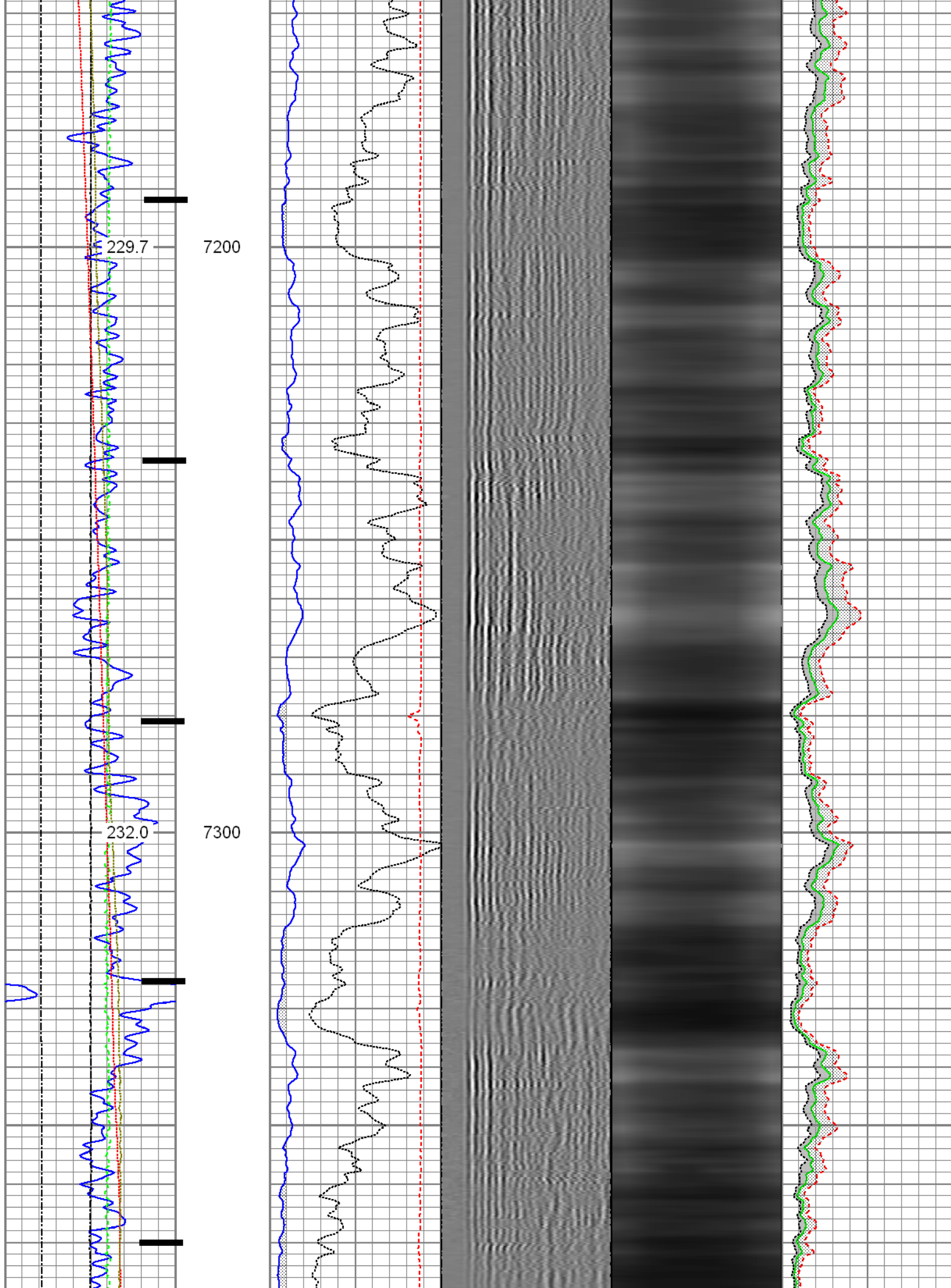


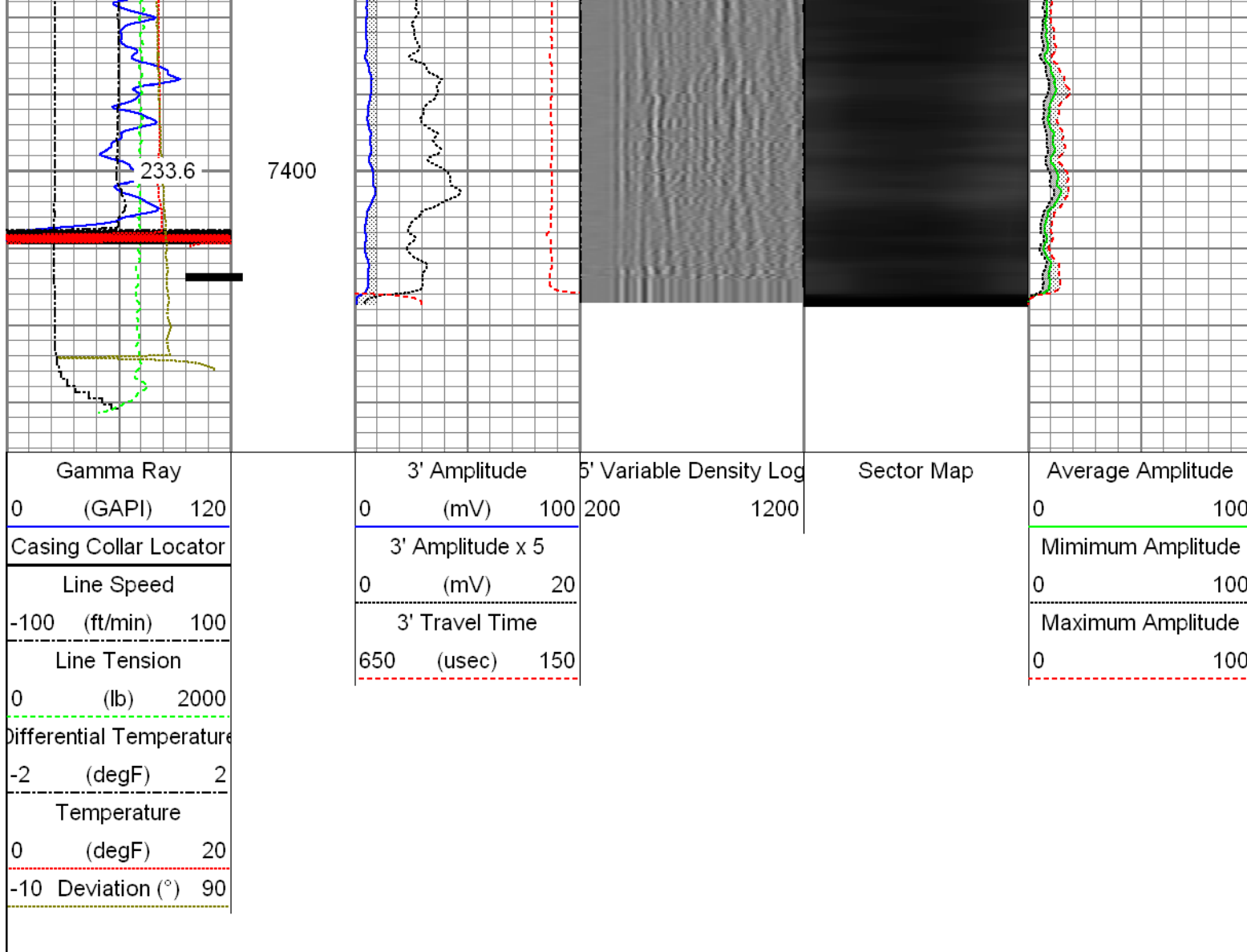






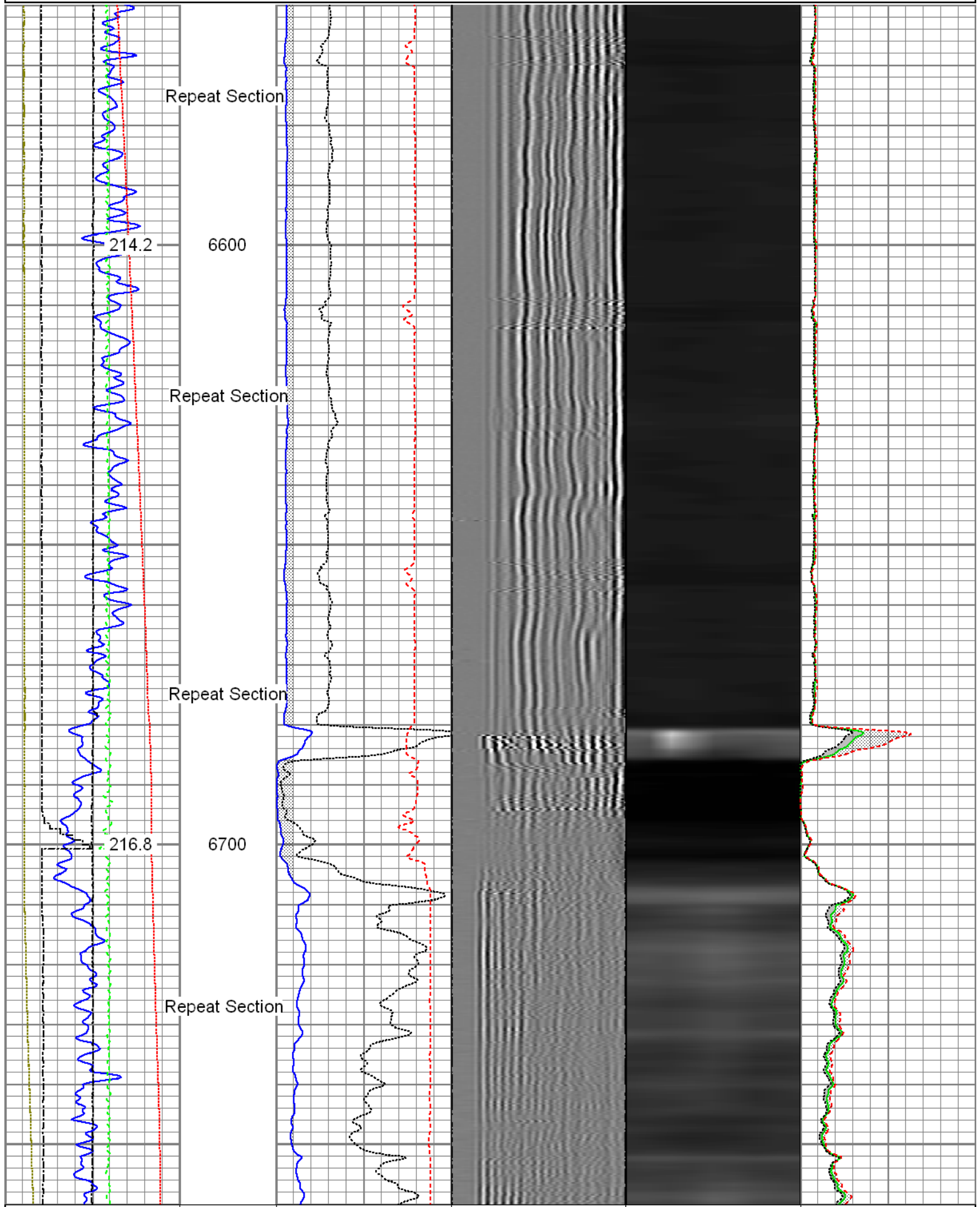





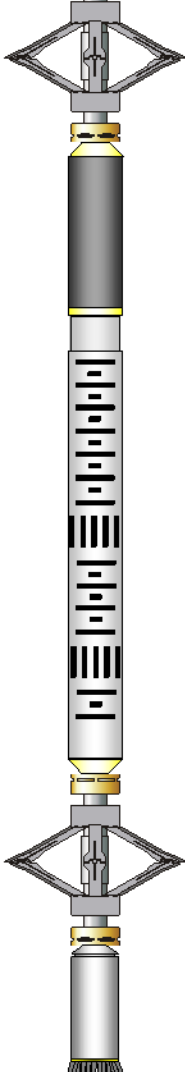


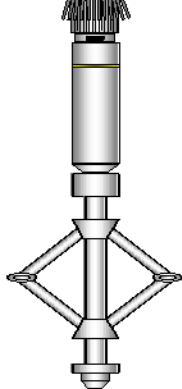
		Repeat Pass		
		Recorded with 2800 PSI Surface Induced Pressure		
Database File: 0512340749_anadarko_goodin 36n-b6hz_06-25-15_mit_rbl.db Dataset Pathname: pass2 Presentation Format: rbt4_mit Dataset Creation: Thu Jun 25 14:33:38 2015 by Log 7.0 B1 Charted by: Depth in Feet scaled 1:240				
Gamma Ray 0 (GAPI) 120	3' Amplitude 0 (mV) 100	5' Variable Density Log 200 1200	Sector Map	Average Amplitude 0 100
Line Speed -100 (ft/min) 100	3' Amplitude x 5 0 (mV) 20			Minimum Amplitude 0 100
Line Tension 0 (lb) 2000	3' Travel Time 650 (usec) 150			Maximum Amplitude 0 100
Differential Temperature -2 (degF) 2				
Temperature 0 (degF) 20				





Line Speed	3' Amplitude x 5	Minimum Amplitude
-100 (ft/min) 100	0 (mV) 20	0 100
Line Tension	3' Travel Time	Maximum Amplitude
0 (lb) 2000	650 (usec) 150	0 100
Differential Temperature		
-2 (degF) 2		
Temperature		
0 (degF) 20		
-10 Deviation (°) 90		

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	23.85		T_CH14375_1_GO Titan 1-7/16" Assembled Electric Cable Head with 1" Fishing Neck	1.03	1.44	4.00
			GOpin-GOpin 2" GO Pin to GO Pin Connection	0.23	2.00	5.00
			UW_AGS-UW_AGS_001 (218874) Sondex Adapter - GO Box to Sondex Pin	0.21	1.69	1.00
			UW_XTU-UW_XTU_002 (218874) Crossover Ultrawire Toolbus to Ultralink	1.58	1.69	6.50
			UW_PGR-UW_PGR_020 (10013899) Production Gamma Ray	1.93	1.69	9.50
TEMP	22.45		UW_PRT-UW_PRT_016 (10025100) Platinum Resistance Thermometer	1.04	1.69	5.20
			UW_PRC-DSSRAC (084) 2-3/4" DSS 5 Arm Roller Centralizer	2.55	2.75	32.00
WVF3FT	15.42					
WVFS1	15.42		UW_RBT-UW_RBT_004 (1063) Sondex Ultrawire 3- 1/8" Radial Bond Tool	9.47	3.13	140.00
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					
WVF5FT	14.42		UW_PRC-DSSRAC (083) 2-3/4" DSS 5 Arm Roller Centralizer	2.55	2.75	32.00

MIT	5.41		UW_MIT-UW_MIT40_042 (10014703) 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: 0512340749_Anadarko_Goodin 36N-B6HZ_06-25-15_MIT_RBL.db: field/well/run1/pass4 Total Length: 28.32 ft Total Weight: 329.50 lb O.D. 3.13 in						

Calibration Report			
Database File:	0512340749_anadarko_goodin 36n-b6hz_06-25-15_mit_rbl.db		
Dataset Pathname:	pass4		
Dataset Creation:	Thu Jun 25 14:44:27 2015 by Log 7.0 B1		
Multi-finger Imaging Tool Calibration Report			
Serial Number:	10014703		
Number of Fingers:	40		
Tool Model:	UW_MIT40_042		
Inclinometer Calibration Report			
Performed:	Fri Sep 20 11:47:48 2013		
Calibration Angle:	45		
	Inc X	Inc Y	
Vertical:	1963	1960	
Finger 1 up:	1748	1727	
Finger 31 up:	2195	1742	
Finger 21 up:	2178	2188	
Finger 11 up:	1727	2173	
Sensitivity ratio:	1.00706		
X-axis angle:	132.825		
Deviation const.:	317.775		

Finger Calibration Report							
Performed:				Thu Jun 25 14:01:29 2015			
Ring size:	4	5	6	7			
(in)							
	Sens	Sens	Sens				
Finger 01:	1098	359.0	1457	387.0	1844	400.0	2244
Finger 02:	1058	366.0	1424	400.0	1824	421.0	2245
Finger 03:	1079	376.0	1455	385.0	1840	399.0	2239
Finger 04:	1002	363.0	1365	410.0	1775	436.0	2211
Finger 05:	1033	345.0	1378	380.0	1758	400.0	2158
Finger 06:	1034	356.0	1390	396.0	1786	417.0	2203
Finger 07:	1032	352.0	1384	390.0	1774	410.0	2184
Finger 08:	1011	354.0	1365	403.0	1768	428.0	2196
Finger 09:	1079	360.0	1439	389.0	1828	402.0	2230
Finger 10:	1044	350.0	1394	395.0	1789	409.0	2198
Finger 11:	1026	351.0	1377	395.0	1772	419.0	2191
Finger 12:	1109	344.0	1453	377.0	1830	384.0	2214
Finger 13:	1056	344.0	1400	392.0	1792	417.0	2209
Finger 14:	1038	359.0	1397	406.0	1803	429.0	2232
Finger 15:	998	353.0	1351	409.0	1760	433.0	2193
Finger 16:	1054	348.0	1402	396.0	1798	420.0	2218
Finger 17:	1084	347.0	1431	387.0	1818	402.0	2220

Finger 17:	1084	347.0	1431	387.0	1818	402.0	2220
Finger 18:	1119	352.0	1471	387.0	1858	404.0	2262
Finger 19:	1084	352.0	1436	394.0	1830	413.0	2243
Finger 20:	1002	352.0	1354	403.0	1757	429.0	2186
Finger 21:	1098	356.0	1454	392.0	1846	402.0	2248
Finger 22:	1082	354.0	1436	394.0	1830	416.0	2246
Finger 23:	1121	359.0	1480	393.0	1873	414.0	2287
Finger 24:	1085	329.0	1414	365.0	1779	389.0	2168
Finger 25:	1095	362.0	1457	398.0	1855	416.0	2271
Finger 26:	1059	348.0	1407	388.0	1795	413.0	2208
Finger 27:	1228	369.0	1597	393.0	1990	401.0	2391
Finger 28:	1100	344.0	1444	376.0	1820	407.0	2227
Finger 29:	1047	354.0	1401	392.0	1793	419.0	2212
Finger 30:	1033	354.0	1387	397.0	1784	428.0	2212
Finger 31:	1249	384.0	1633	407.0	2040	422.0	2462
Finger 32:	1018	353.0	1371	382.0	1753	404.0	2157
Finger 33:	1117	377.0	1494	411.0	1905	432.0	2337
Finger 34:	989	355.0	1344	389.0	1733	416.0	2149
Finger 35:	1155	377.0	1532	409.0	1941	424.0	2365
Finger 36:	1065	345.0	1410	374.0	1784	397.0	2181
Finger 37:	1136	380.0	1516	406.0	1922	425.0	2347
Finger 38:	1101	355.0	1456	382.0	1838	400.0	2238
Finger 39:	1090	347.0	1437	372.0	1809	392.0	2201
Finger 40:	998	370.0	1368	415.0	1783	439.0	2222

Segmented Cement Bond Log Calibration Report

Serial Number:	1063
Tool Model:	UW_RBT_004
Calibration Casing Diameter:	7.000 in
Calibration Depth:	0.000 ft

Master Calibration, performed Thu Jun 25 14:00:24 2015:							
	Raw (v)		Calibrated (mv)		Results		
	Zero	Cal	Zero	Cal	Gain	Offset	
3FT	-0.003	1.000	0.800	62.165	61.206	0.959	
5FT	-0.006	1.000	0.800	62.165	60.993	1.172	
S1	-0.004	1.000	0.000	100.000	99.635	0.365	
S2	-0.004	1.000	0.000	100.000	99.635	0.365	
S3	-0.003	1.000	0.000	100.000	99.701	0.299	
S4	-0.004	1.000	0.000	100.000	99.635	0.365	
S5	-0.002	1.000	0.000	100.000	99.756	0.244	
S6	-0.003	1.000	0.000	100.000	99.674	0.326	
S7	-0.003	1.000	0.000	100.000	99.721	0.279	
S8	-0.003	1.000	0.000	100.000	99.733	0.267	

Temperature Calibration Report

Serial Number:		10025100		
Tool Model:		UW_PRT_016		
Performed:		Wed Feb 11 13:47:59 2015		
Point #	Reading		Reference	
1	13249.00	cps	68.00	degF
2	18454.00	cps	104.00	degF
3	29735.00	cps	176.00	degF
4	41457.00	cps	248.00	degF
5	52851.00	cps	320.00	degF
6	59128.00	cps	356.00	degF
7		cps		degF
8				degF



8  
9  
10

cps  
cps  
cps

degF  
degF  
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	Goodin 36N - B6HZ
Field	Wattenberg
County	Weld
State	Colorado