



<<< 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  Depth referenced to casing tally reported liner top at 6,541 FT  Adjusted -1 FT to correlate to liner top  Gauge Ring/Junk Basket ran to 7,276 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:0512340745\_anadarko\_goodin 15n-b6hz\_06-26-15\_mit\_rbl.db

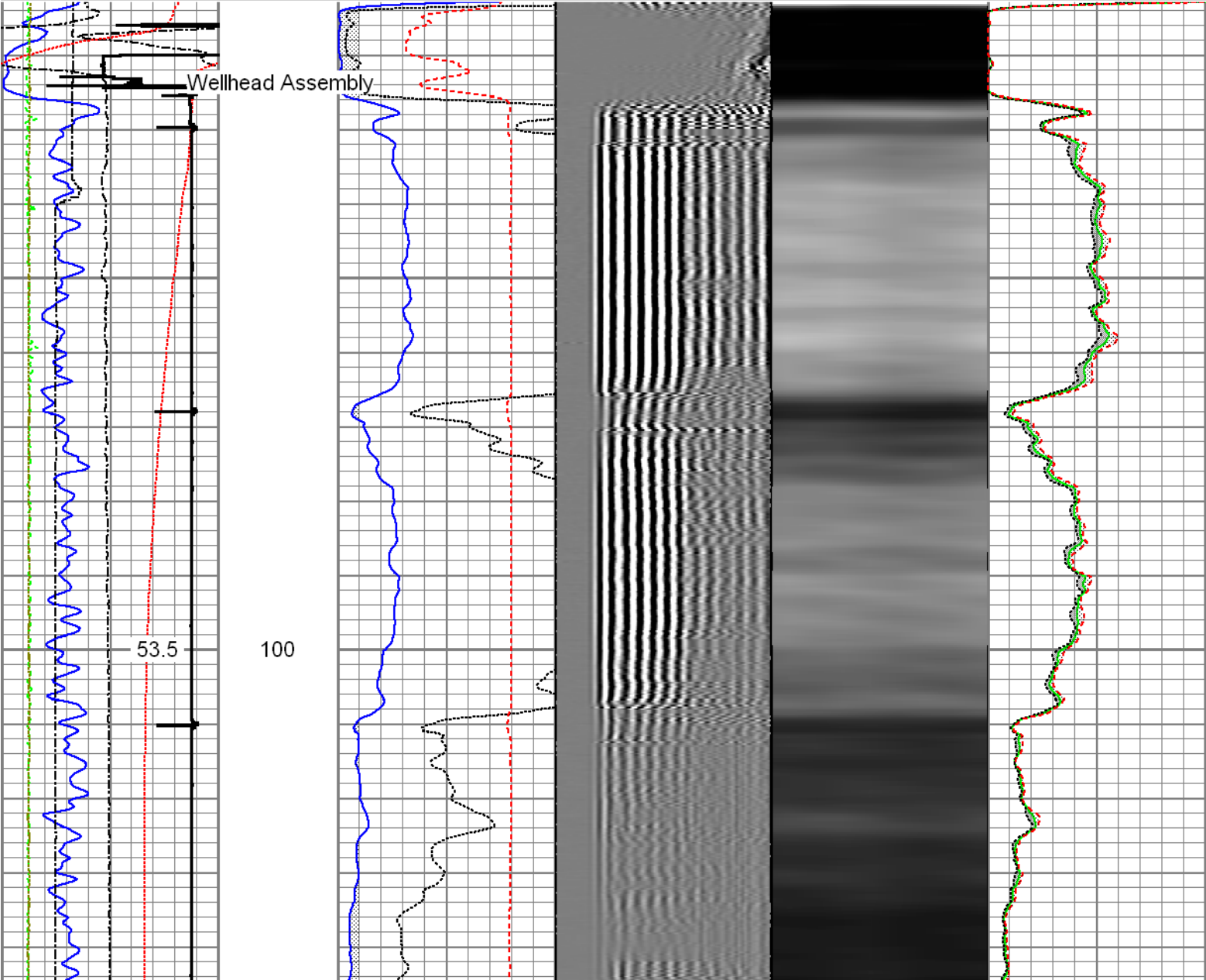
Dataset Pathname:pass4

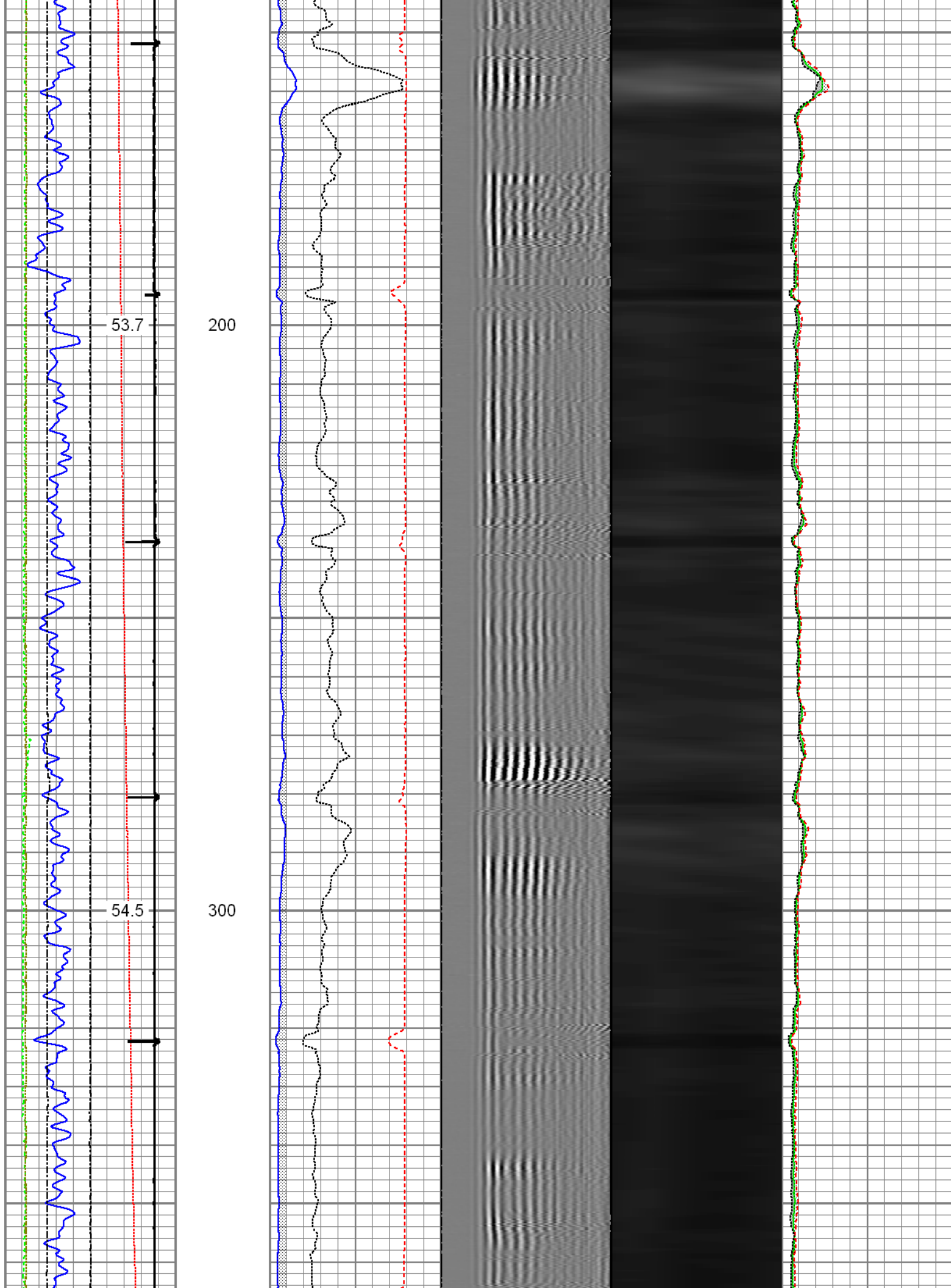
Presentation Format:rbt4\_mit

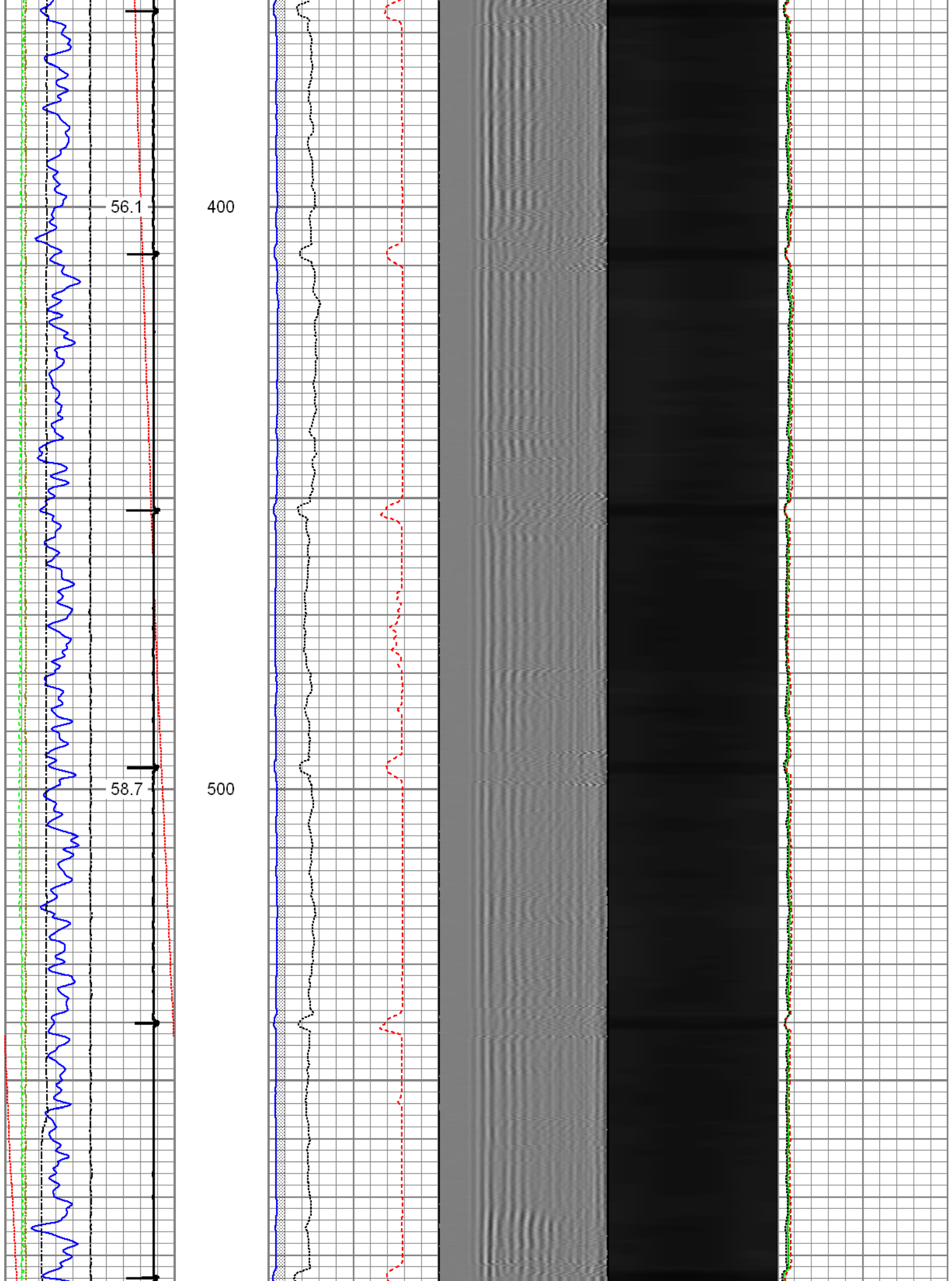
Dataset Creation:Fri Jun 26 13:06:43 2015 by Log 7.0 B1

Charted by:Depth in Feet scaled 1:240

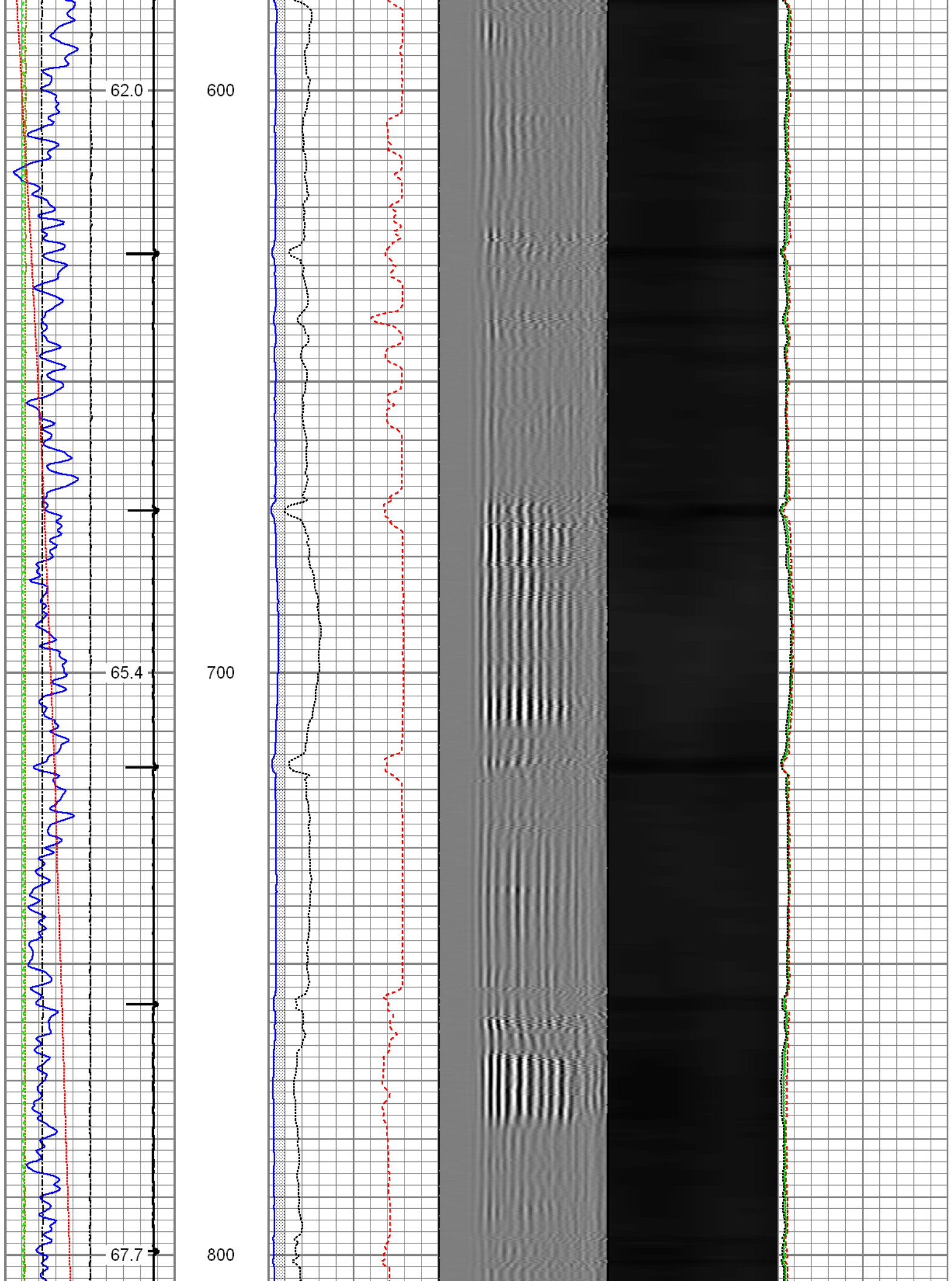
Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 120	0 (mV) 100	200 1200		0 100
Line Speed	3' Amplitude x 5			Mimimum Amplitude
-100 (ft/min) 100	0 (mV) 20			0 100
Line Tension	3' Travel Time			Maximum Amplitude
0 (lb) 2000	650 (usec) 150			0 100
Differential Temperature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

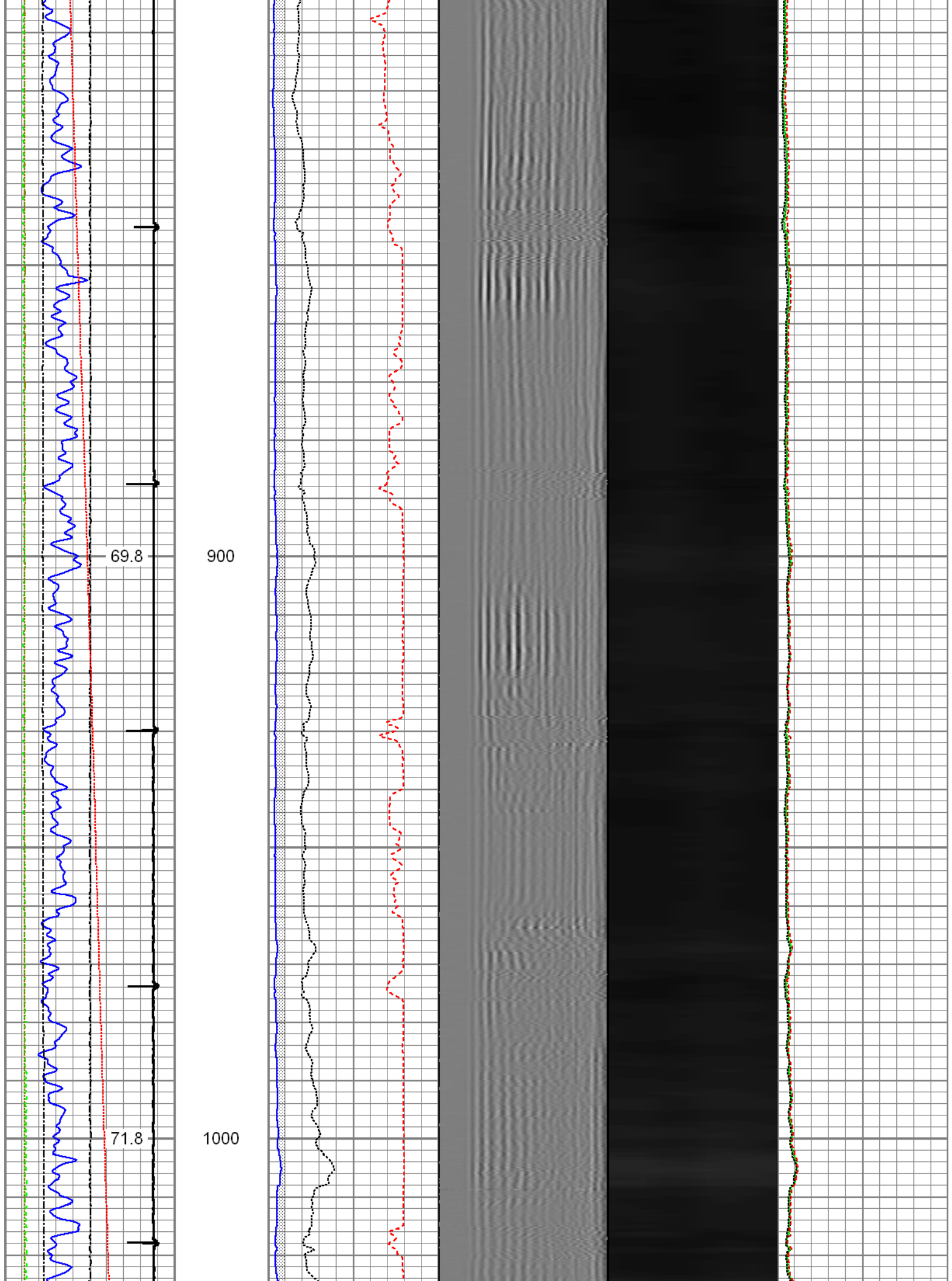


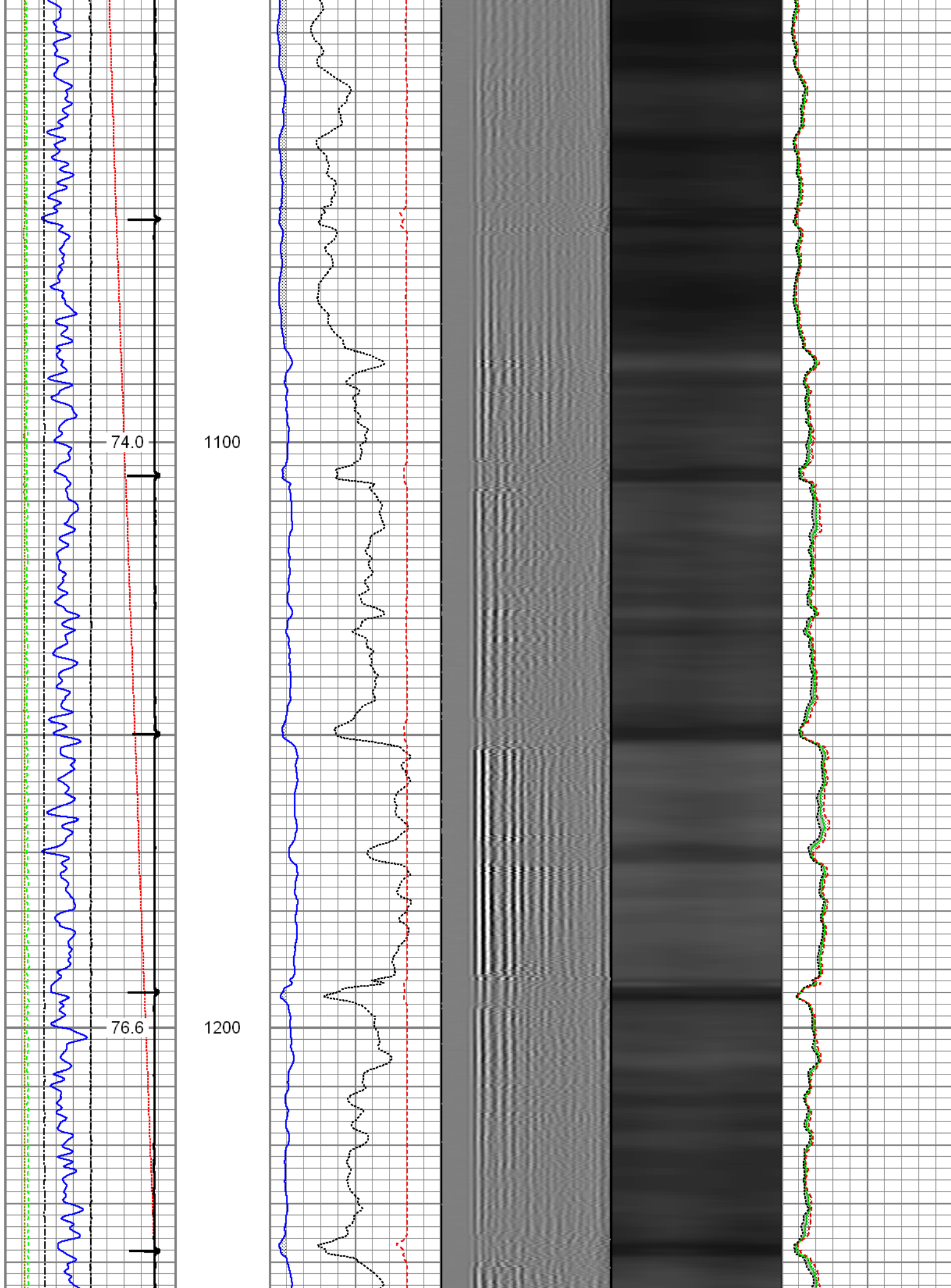


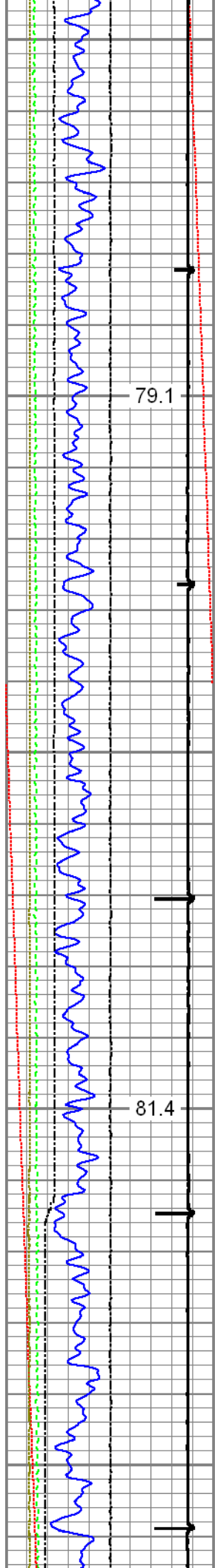




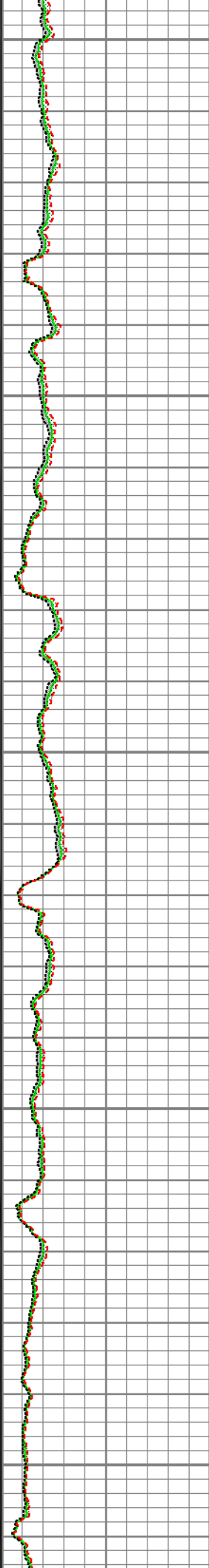
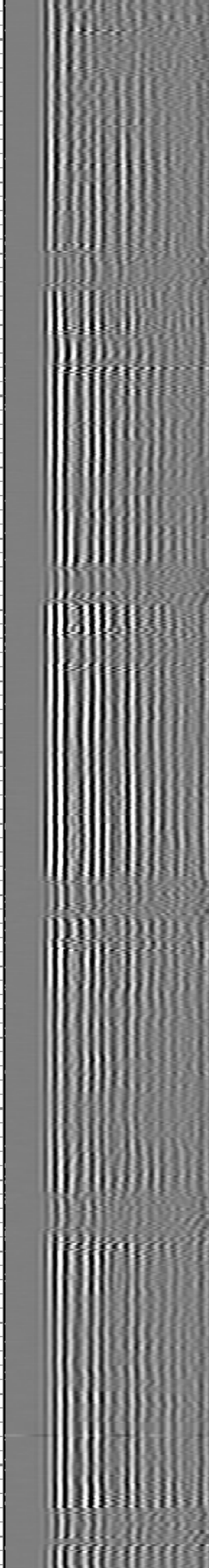
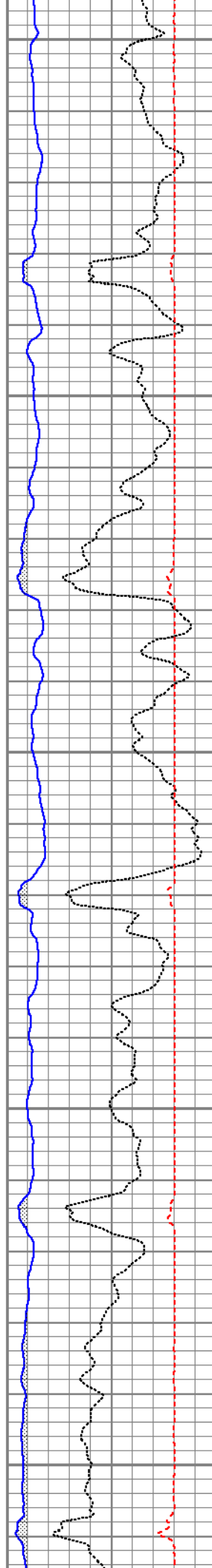






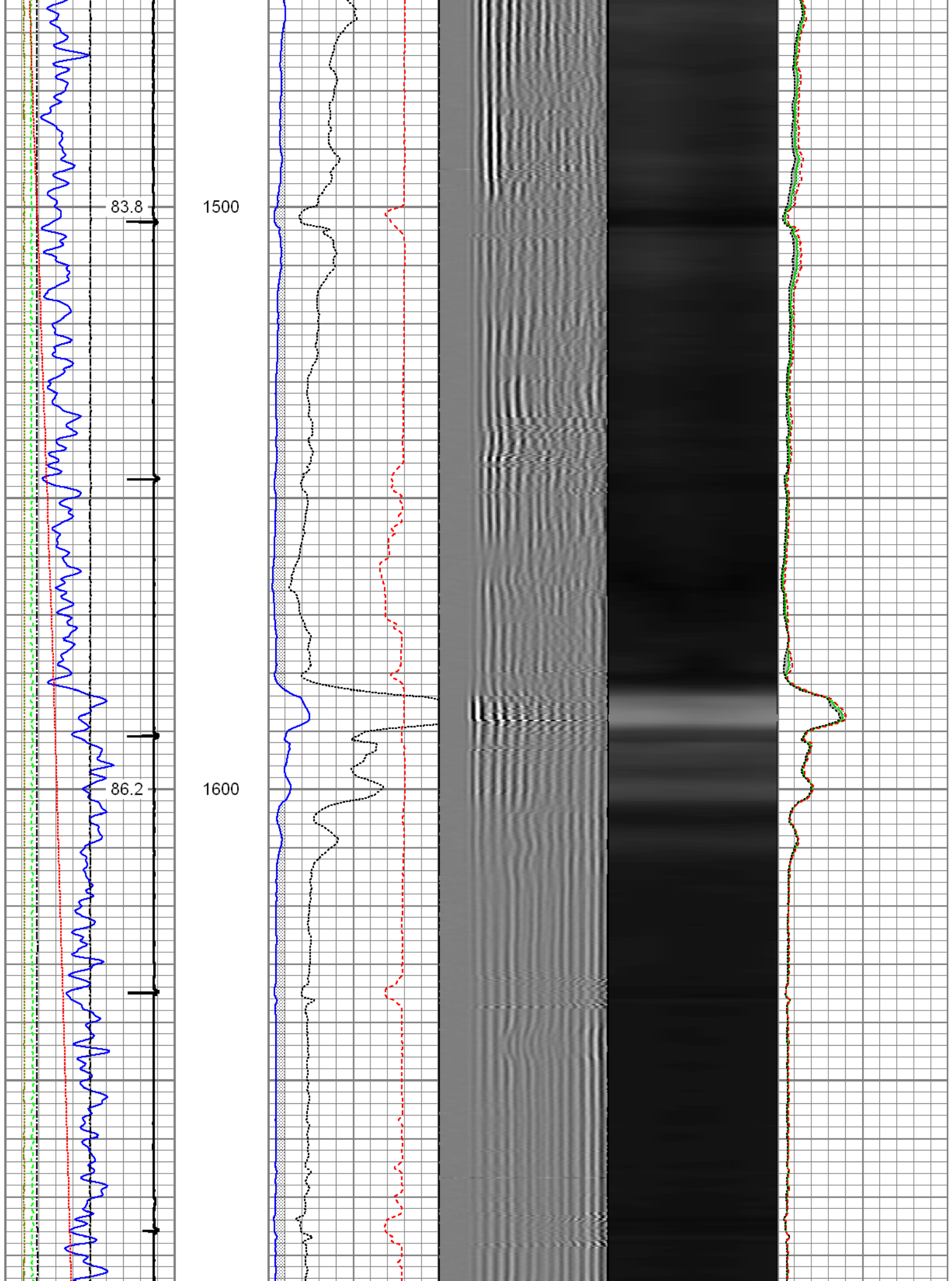


1300

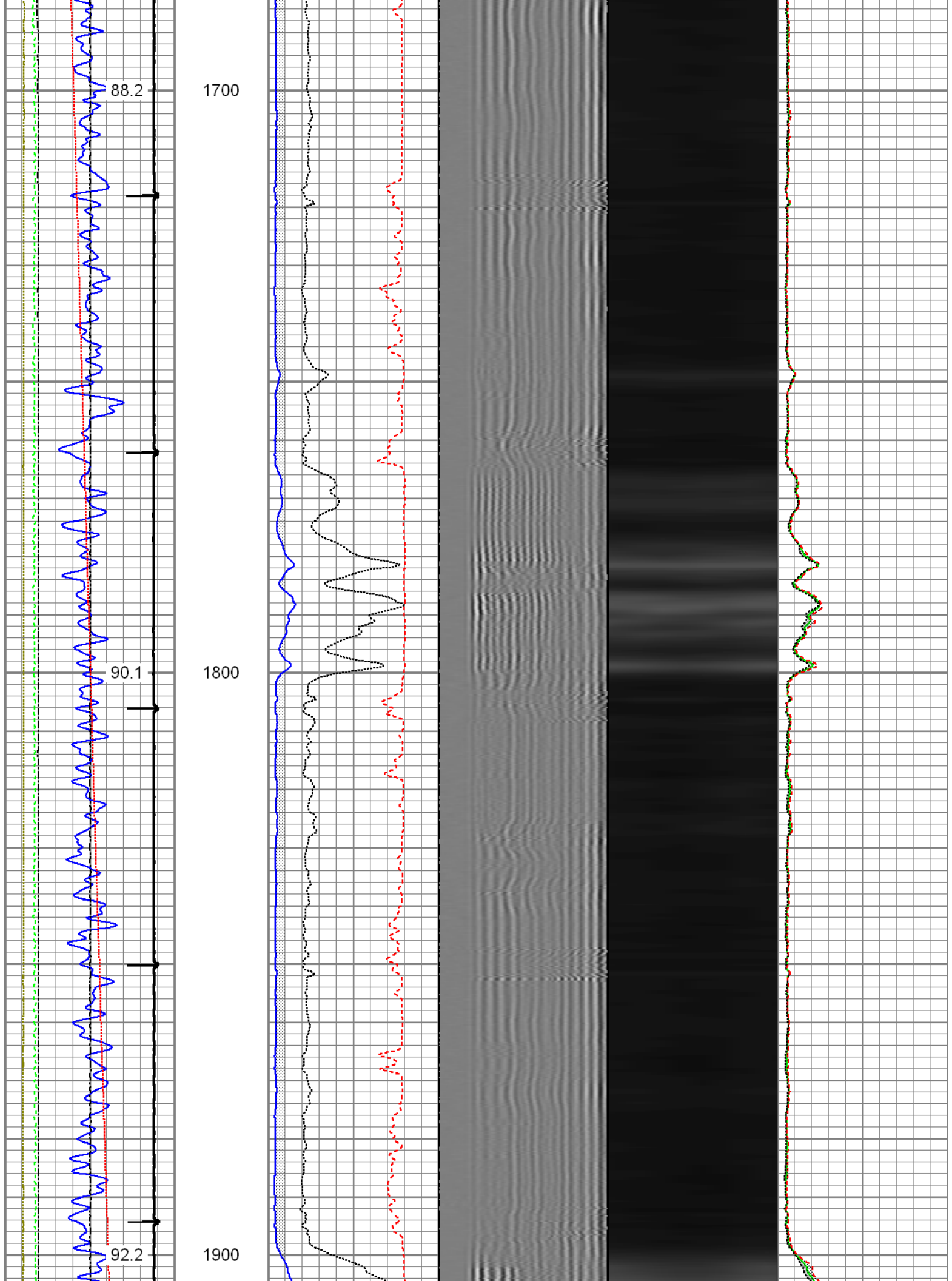


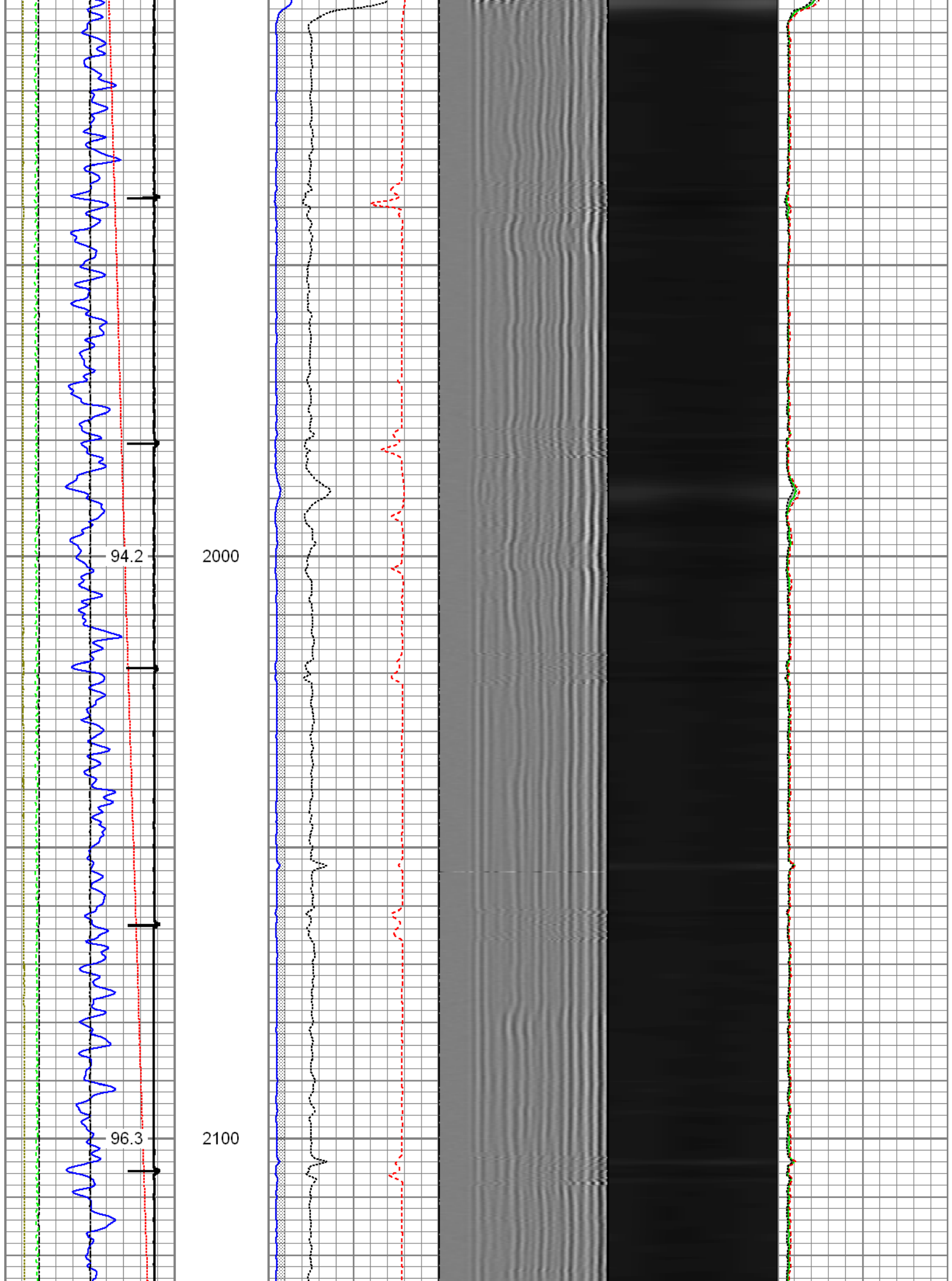
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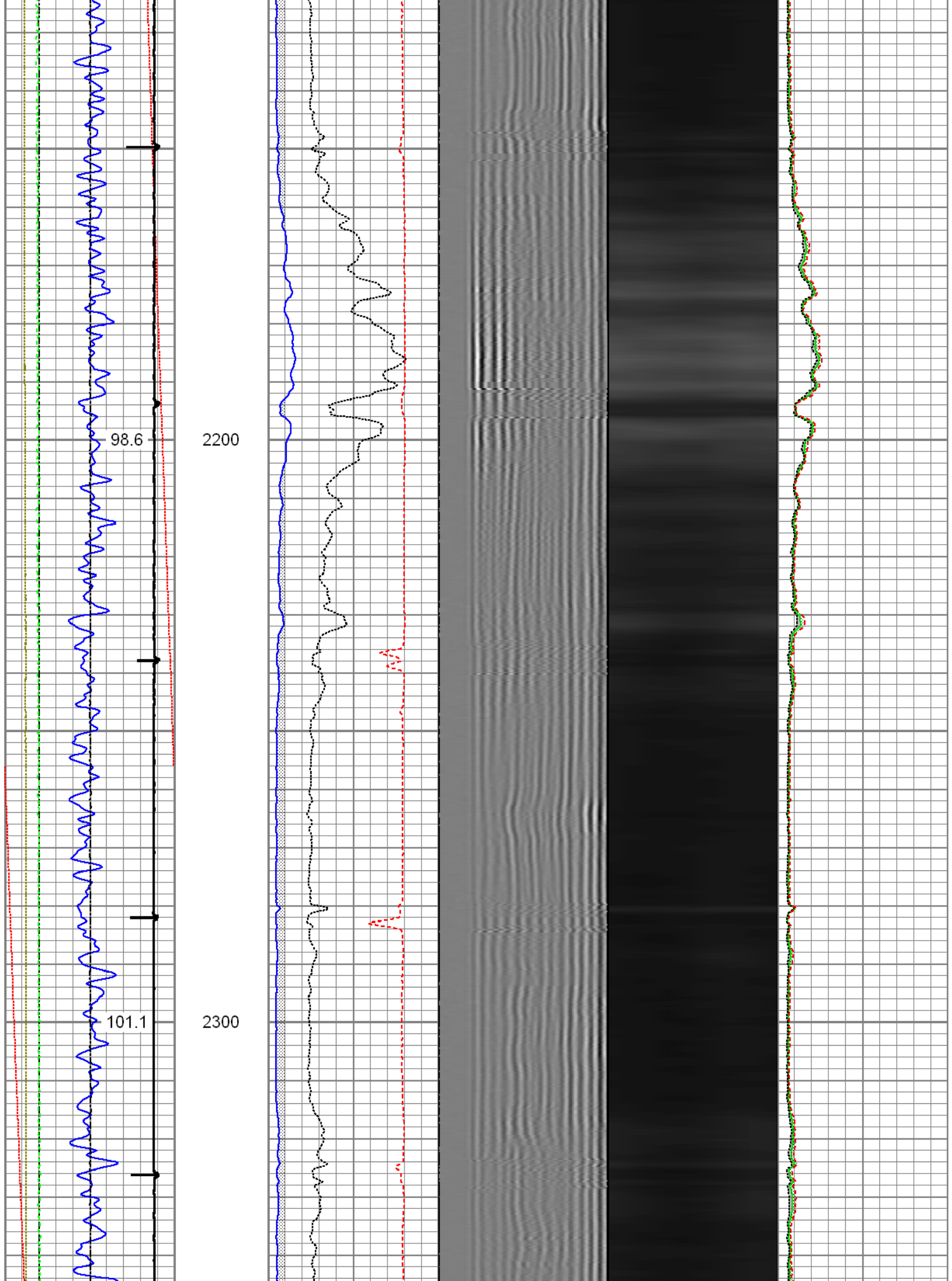


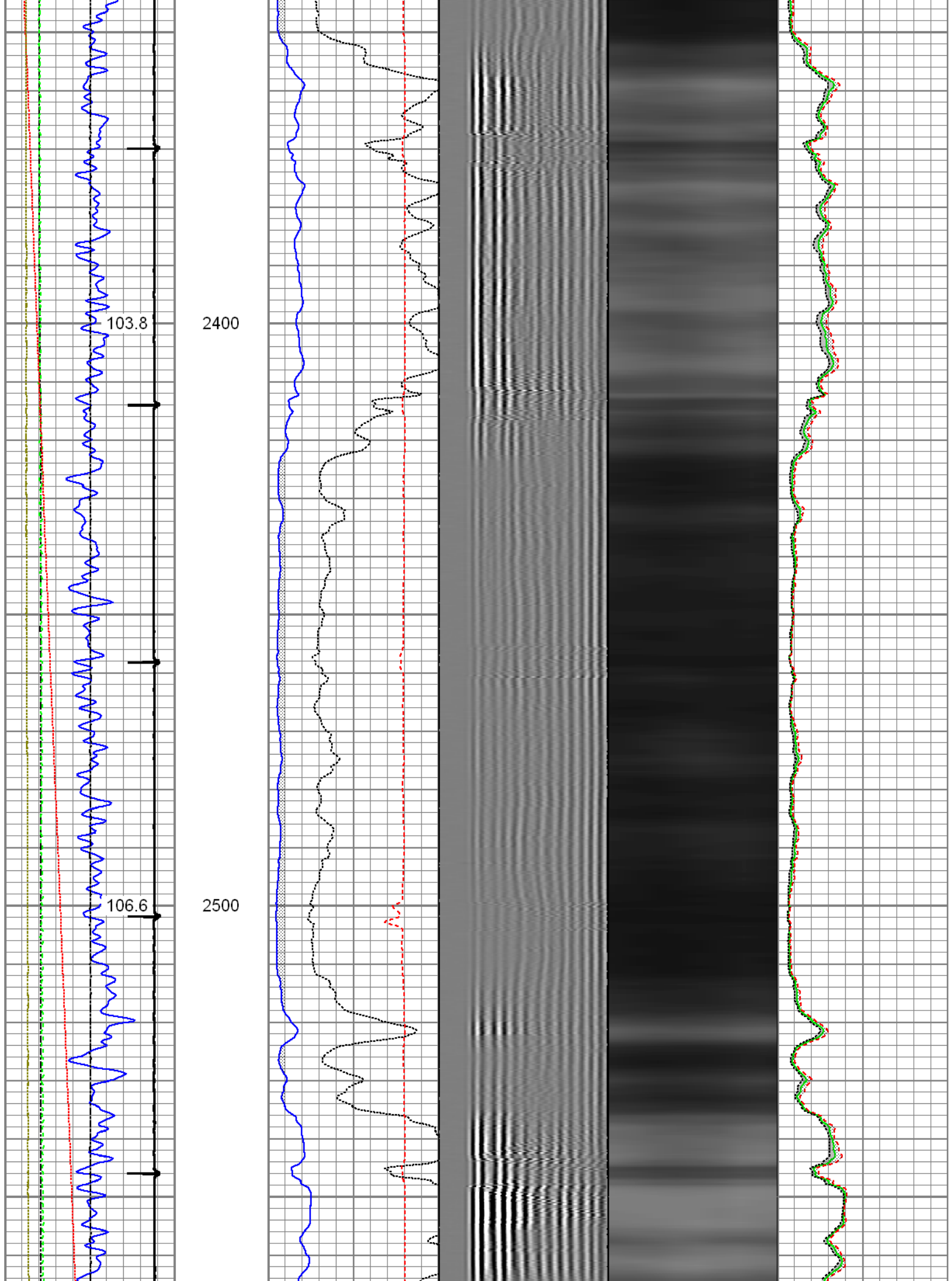


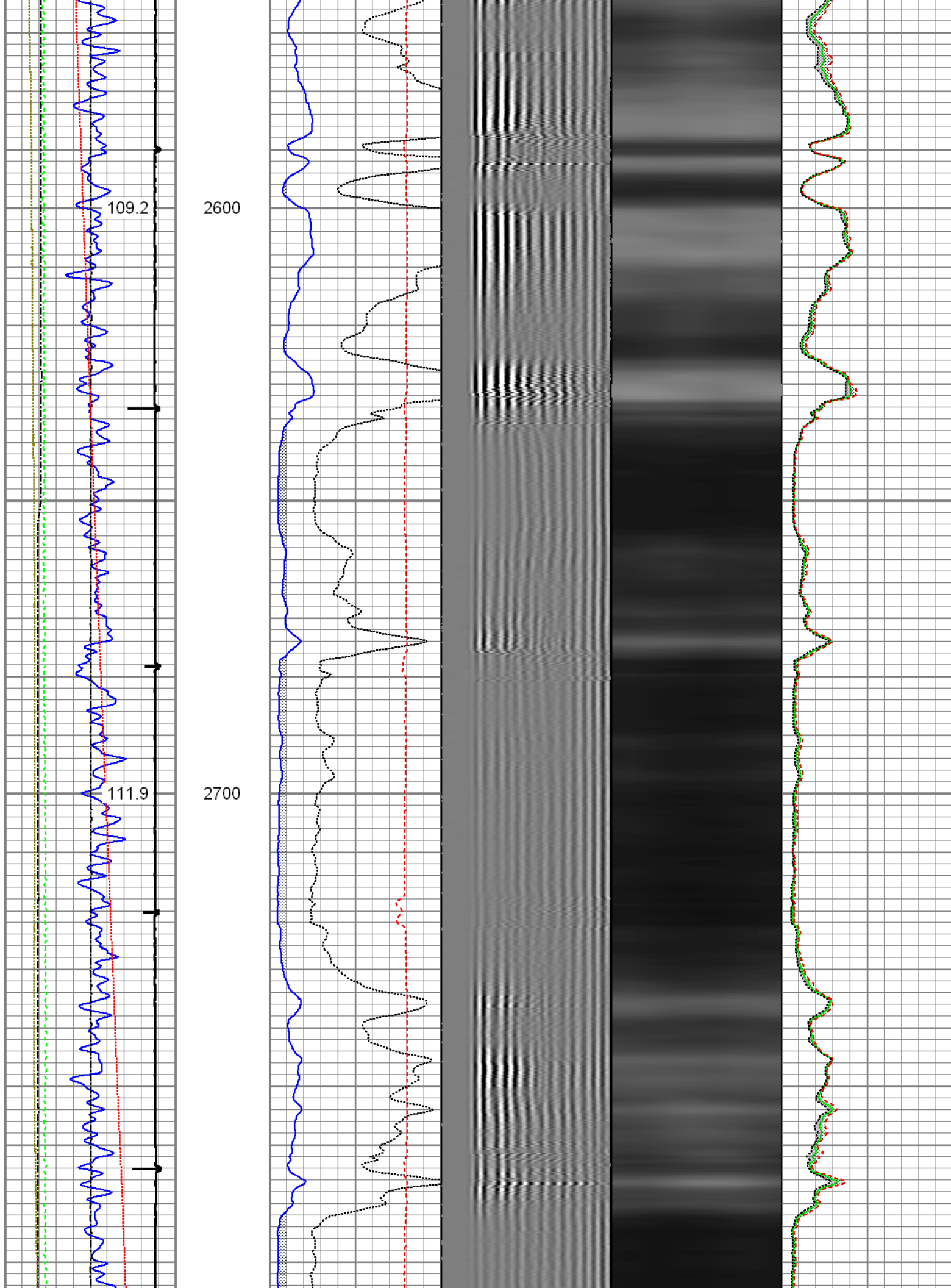




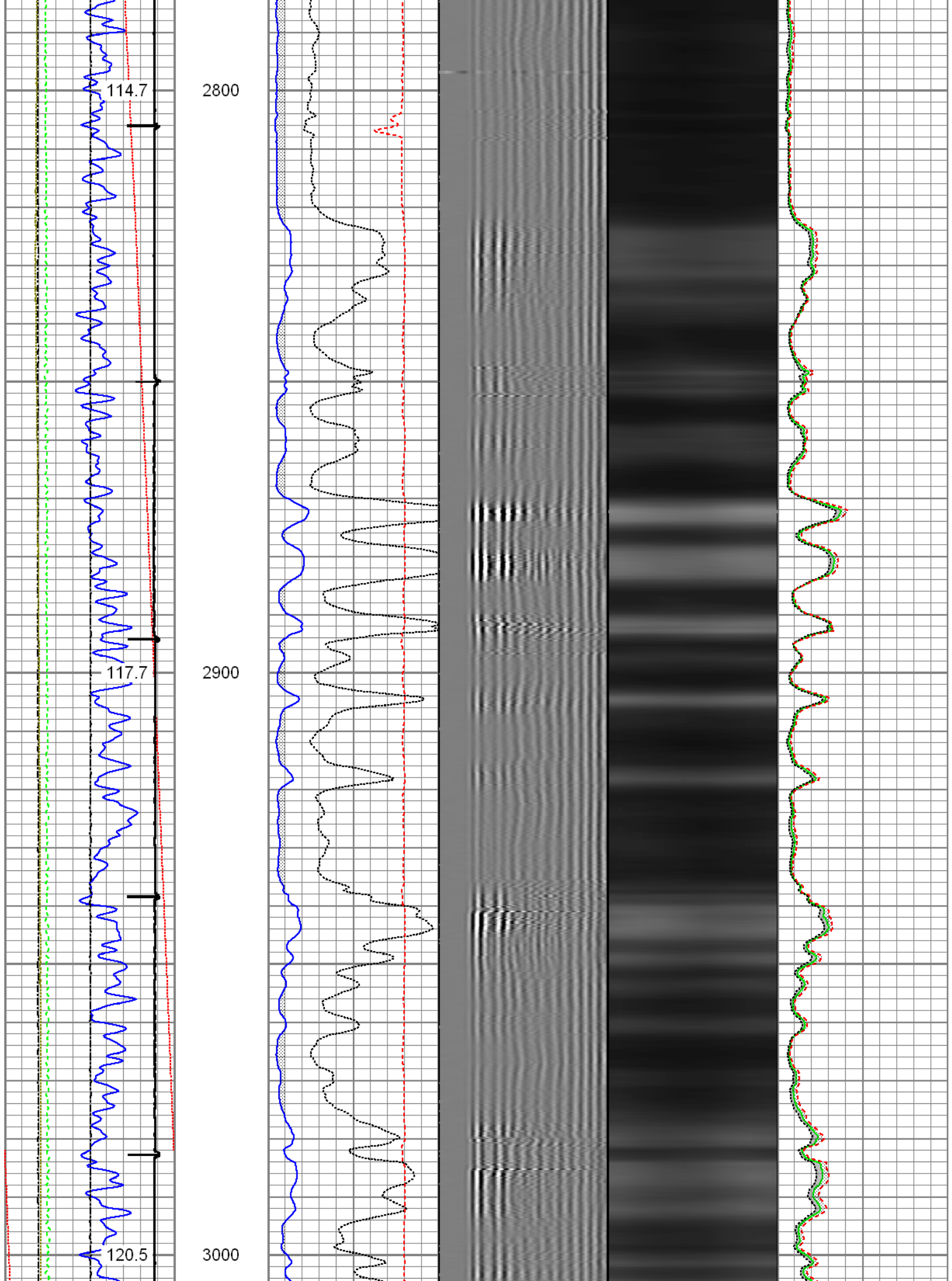


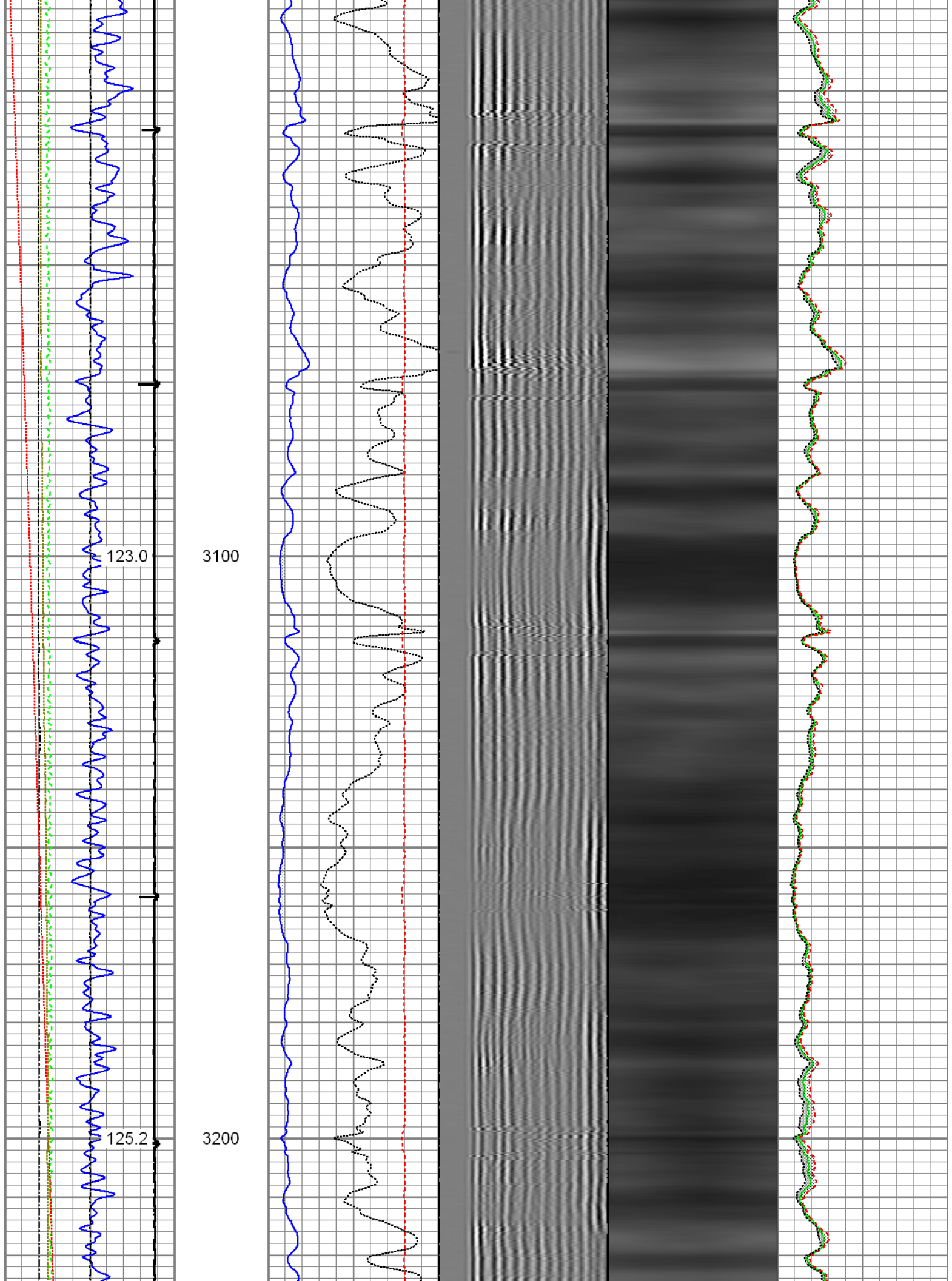


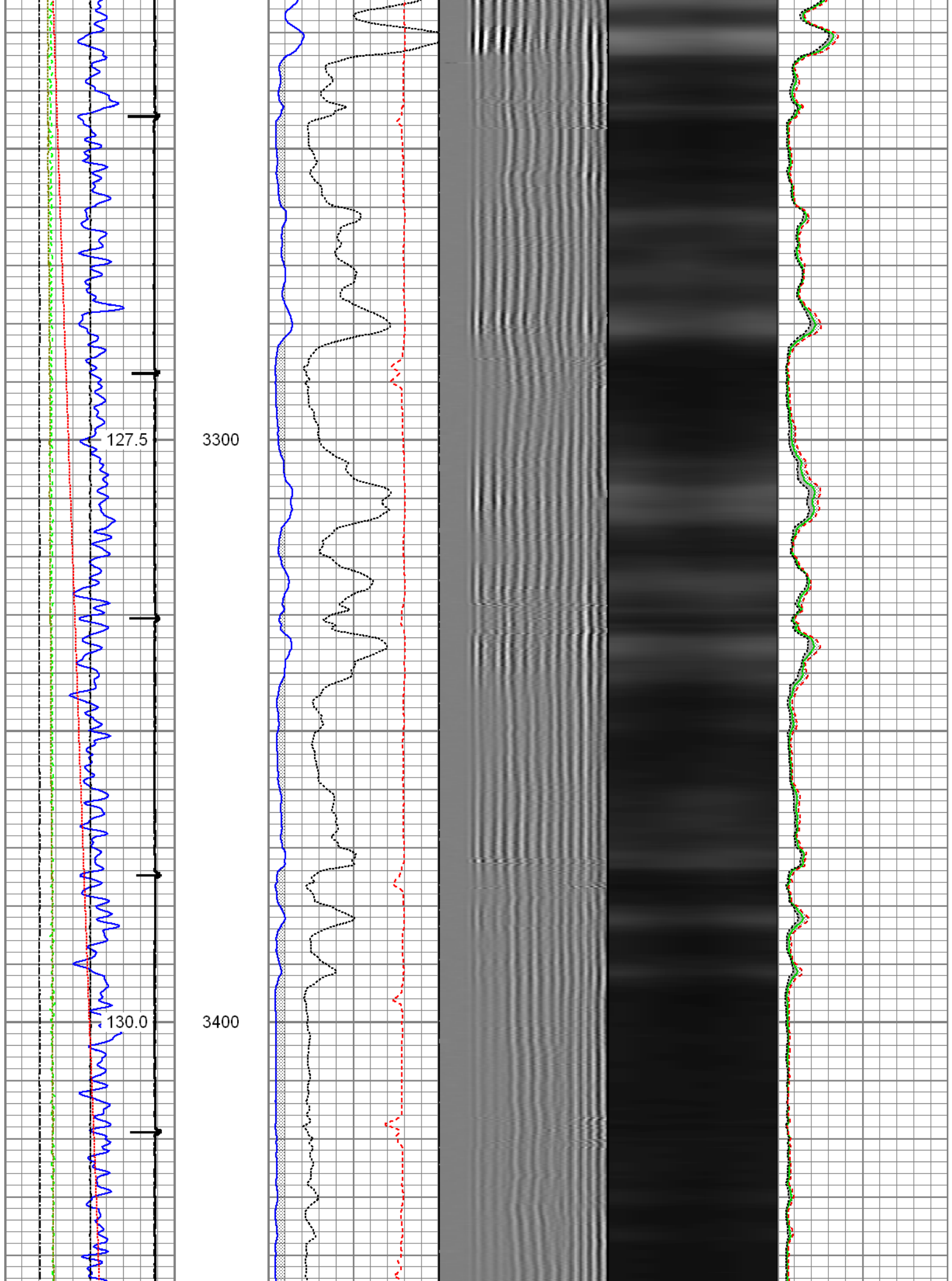


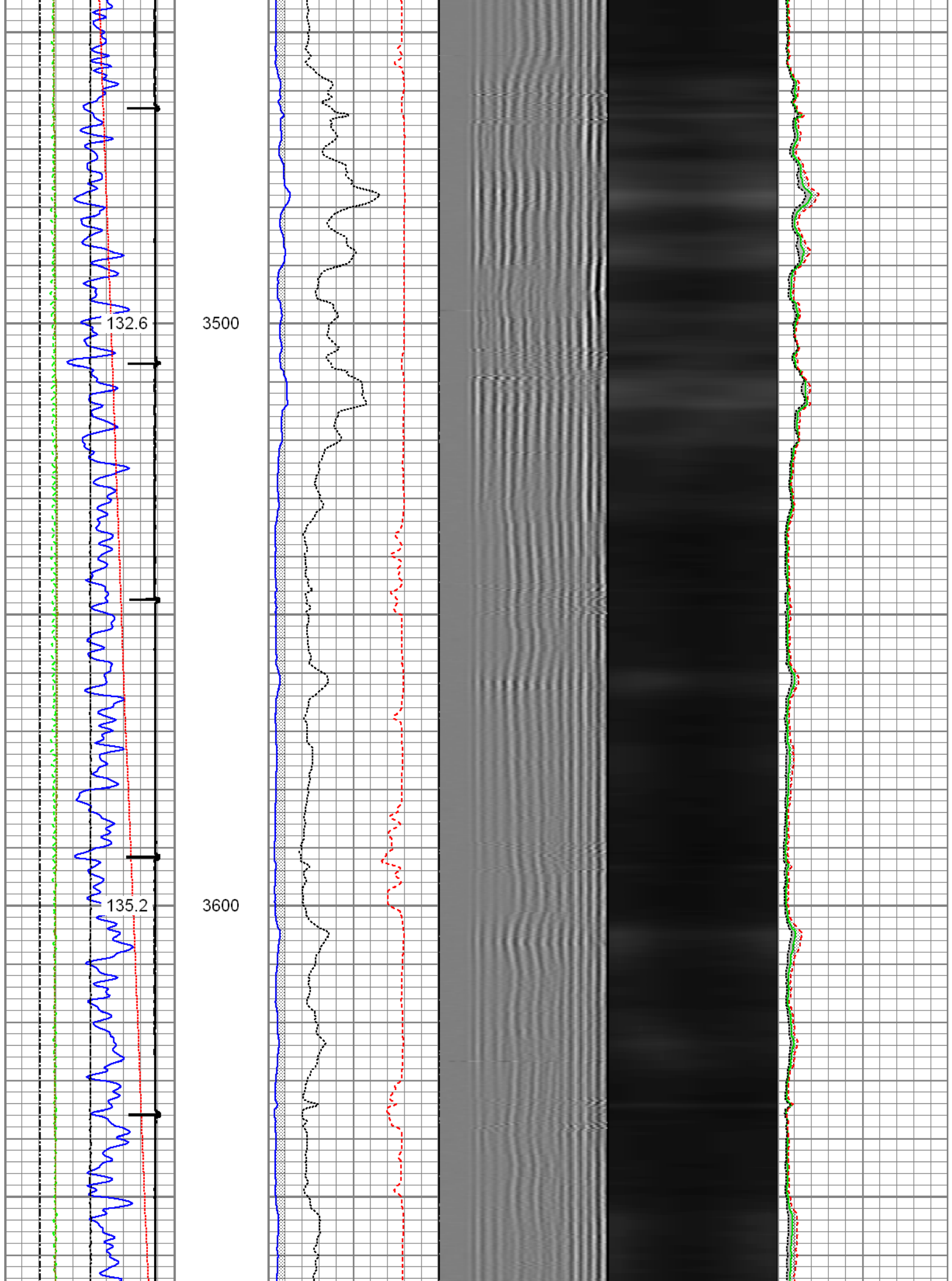




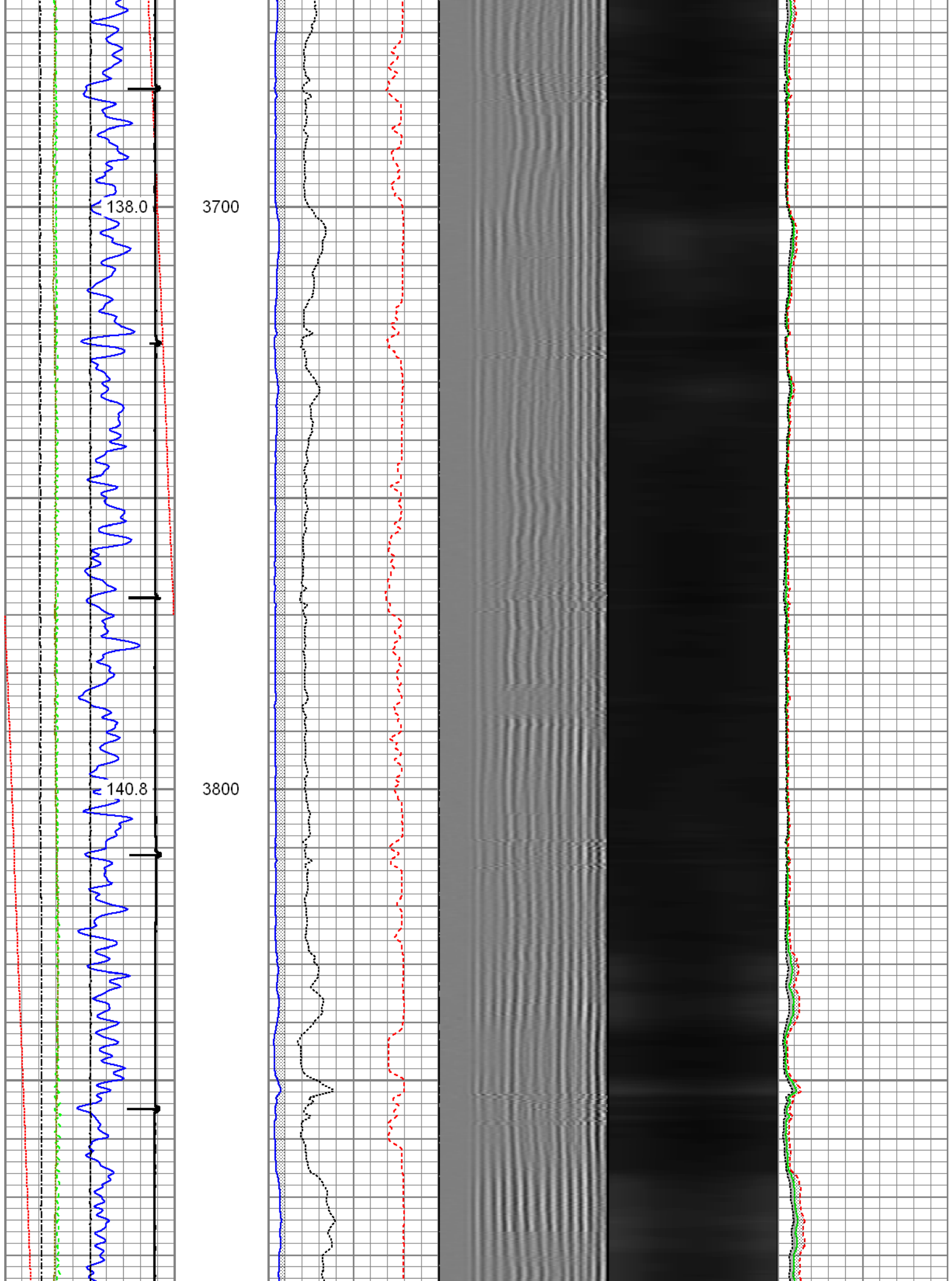




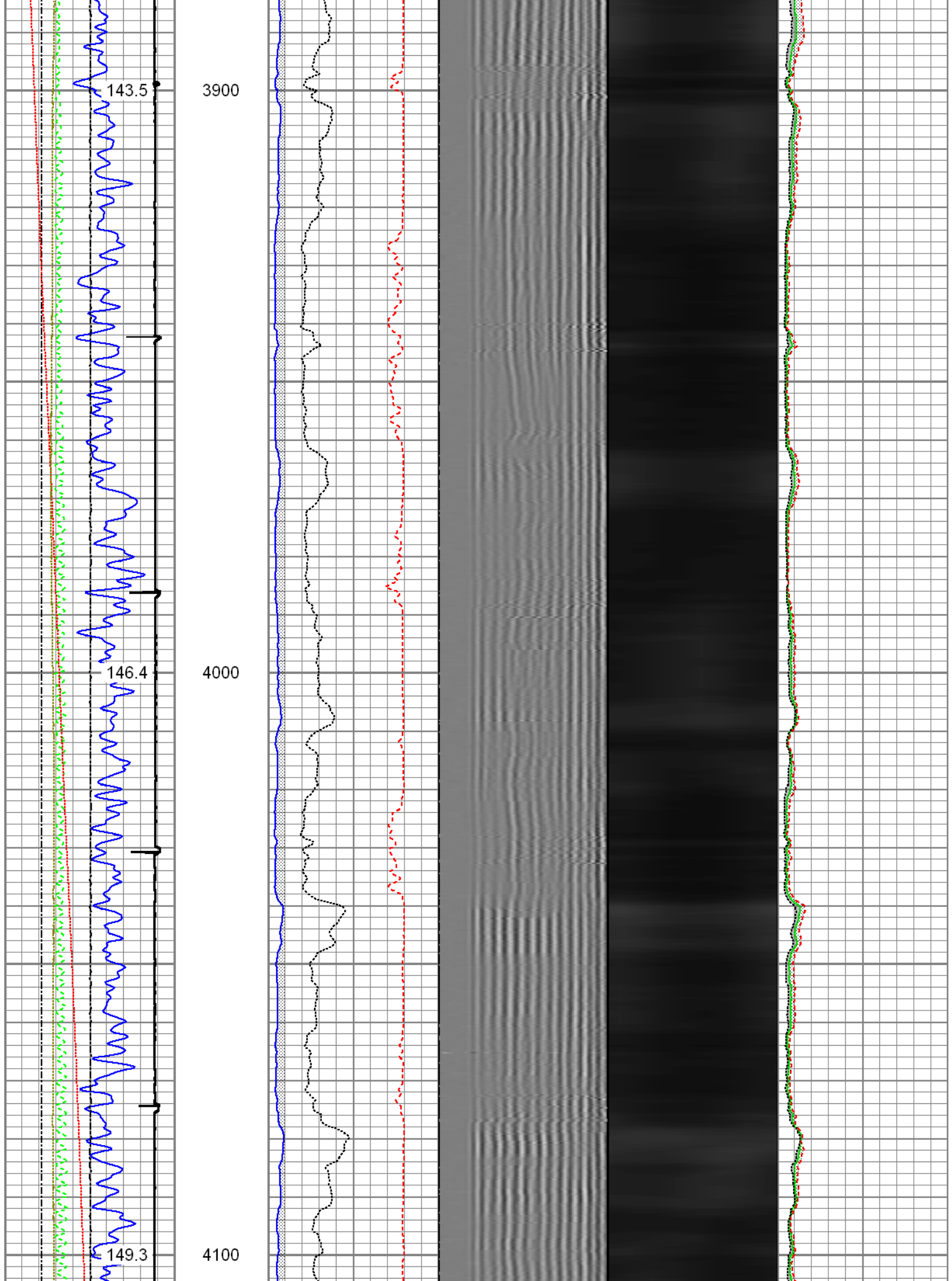


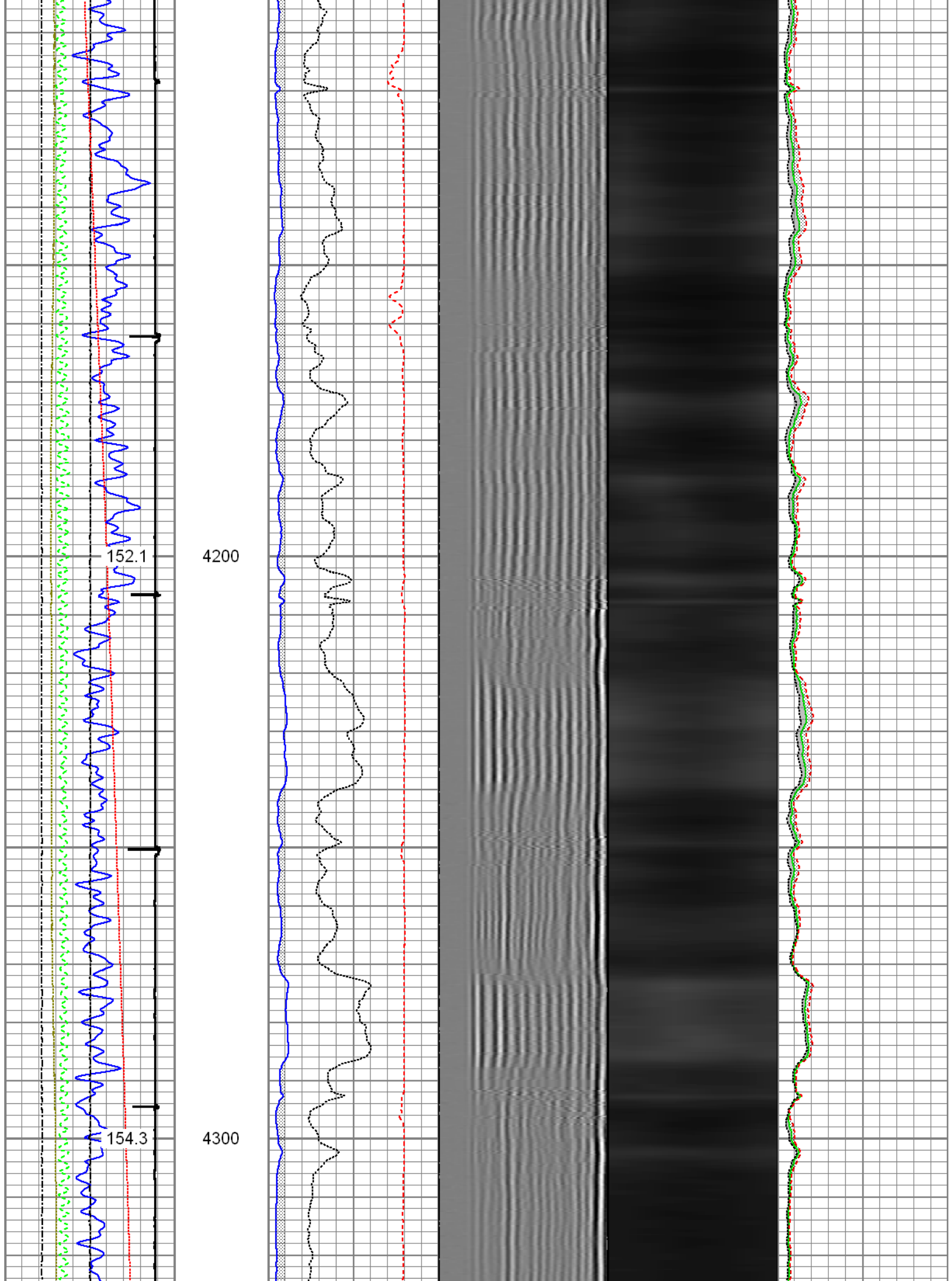


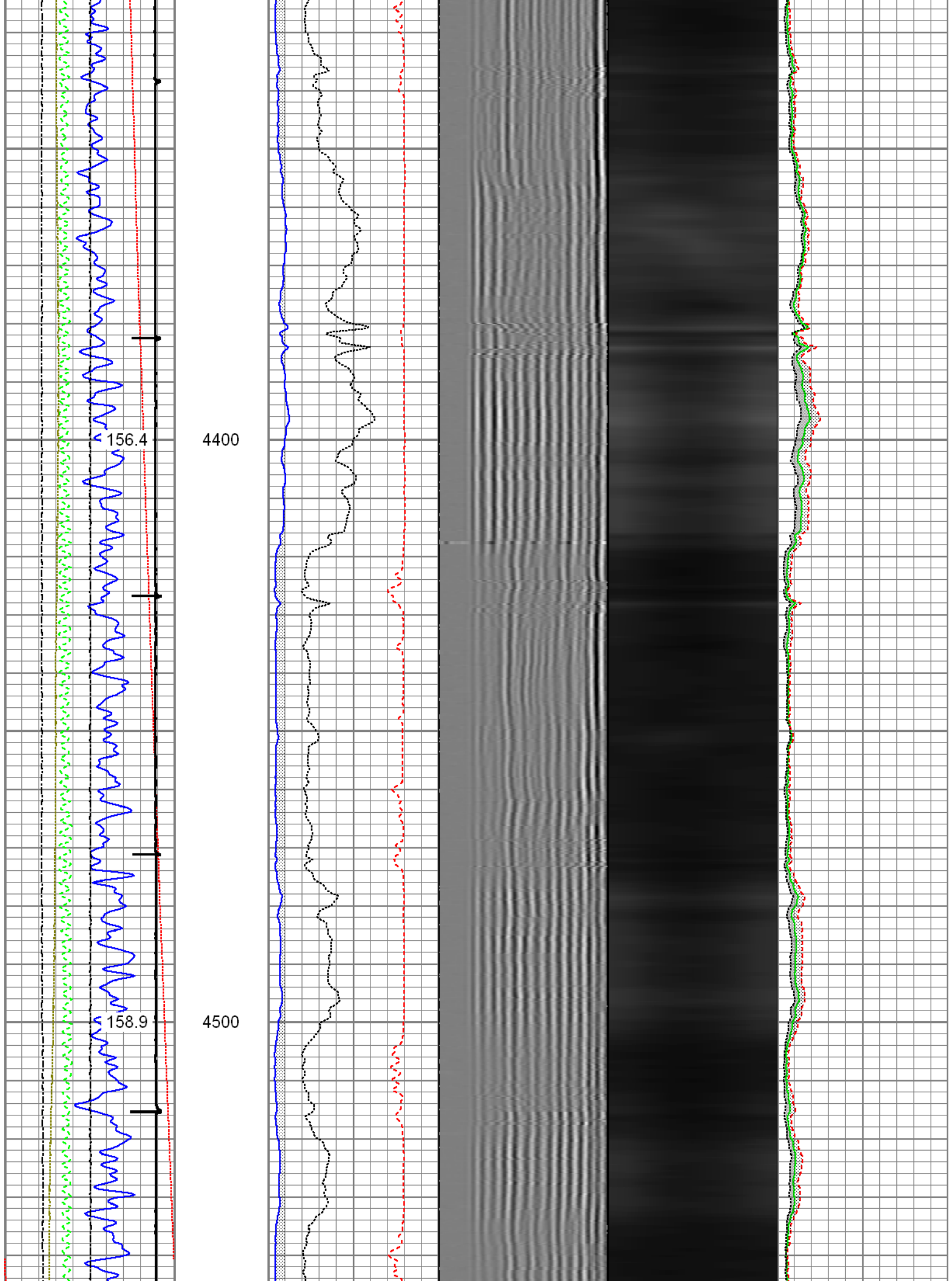


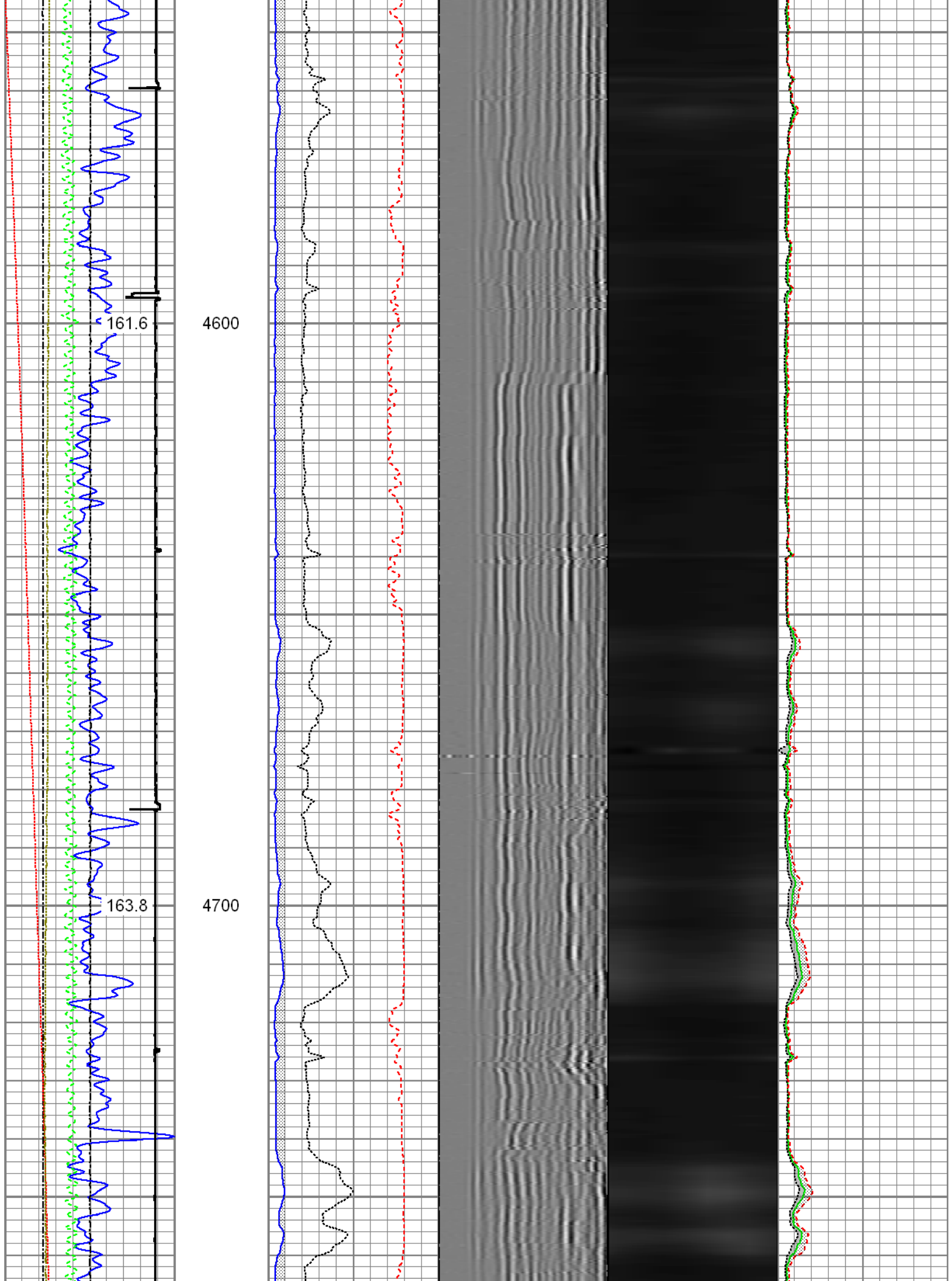




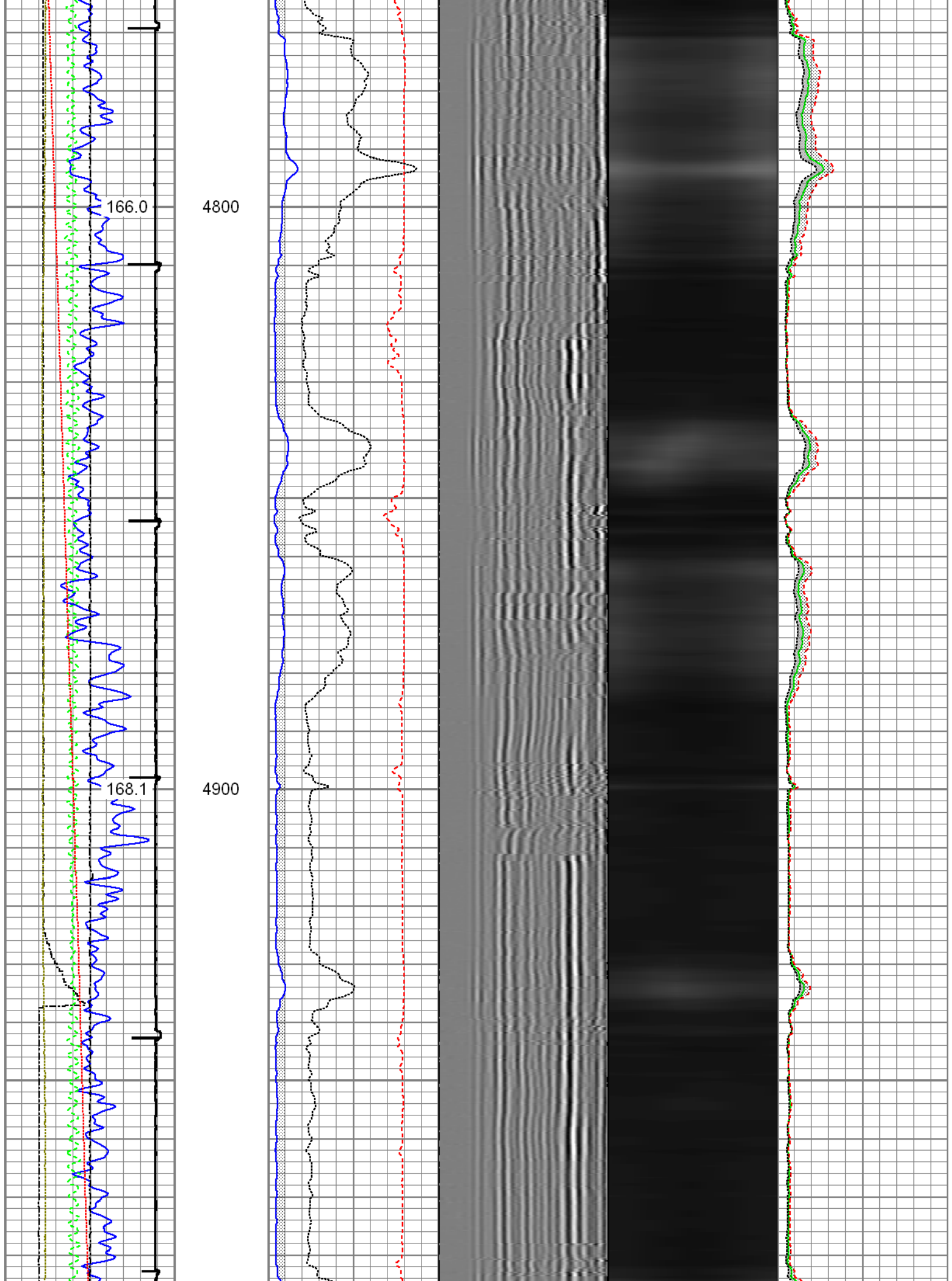




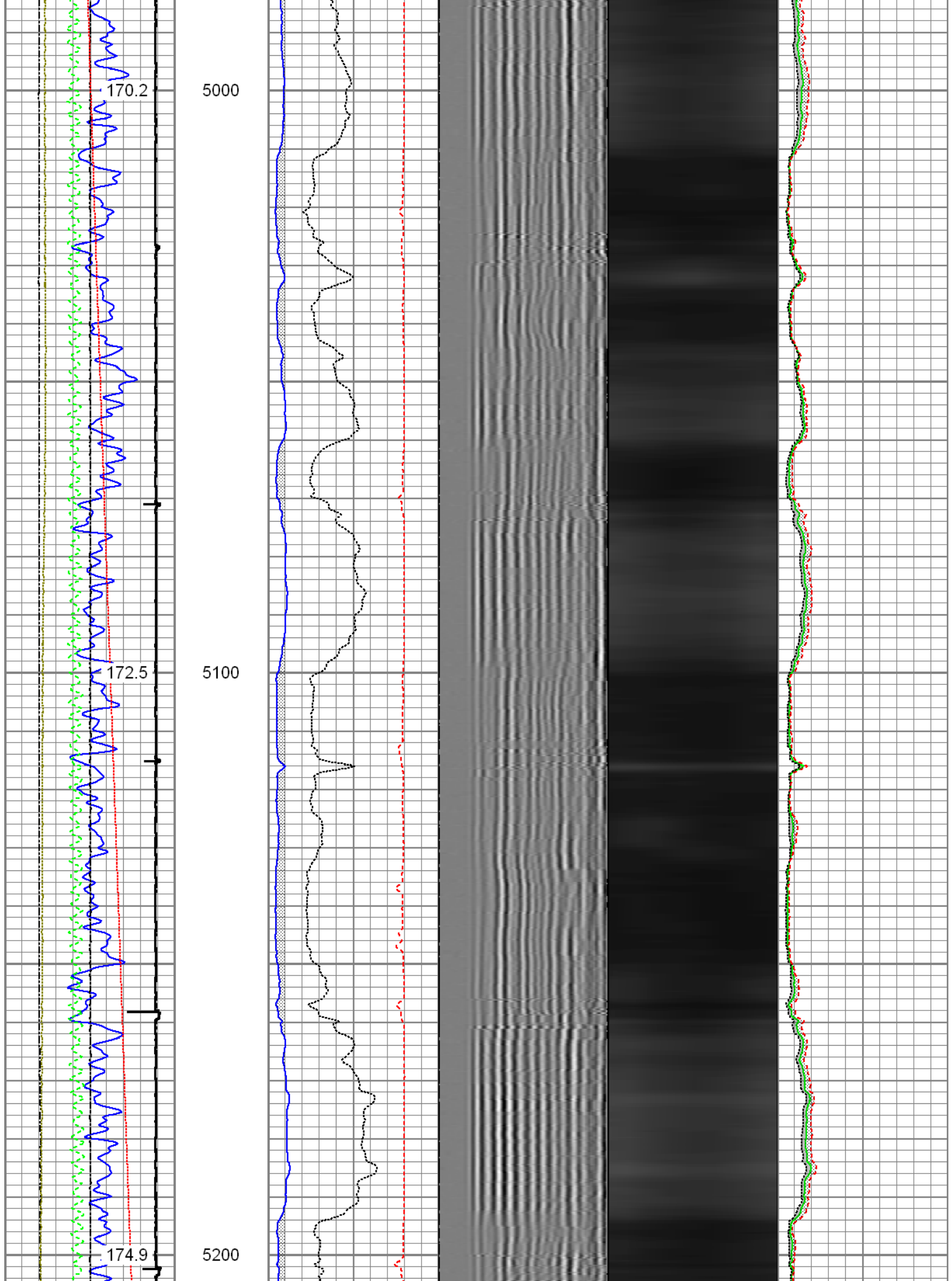


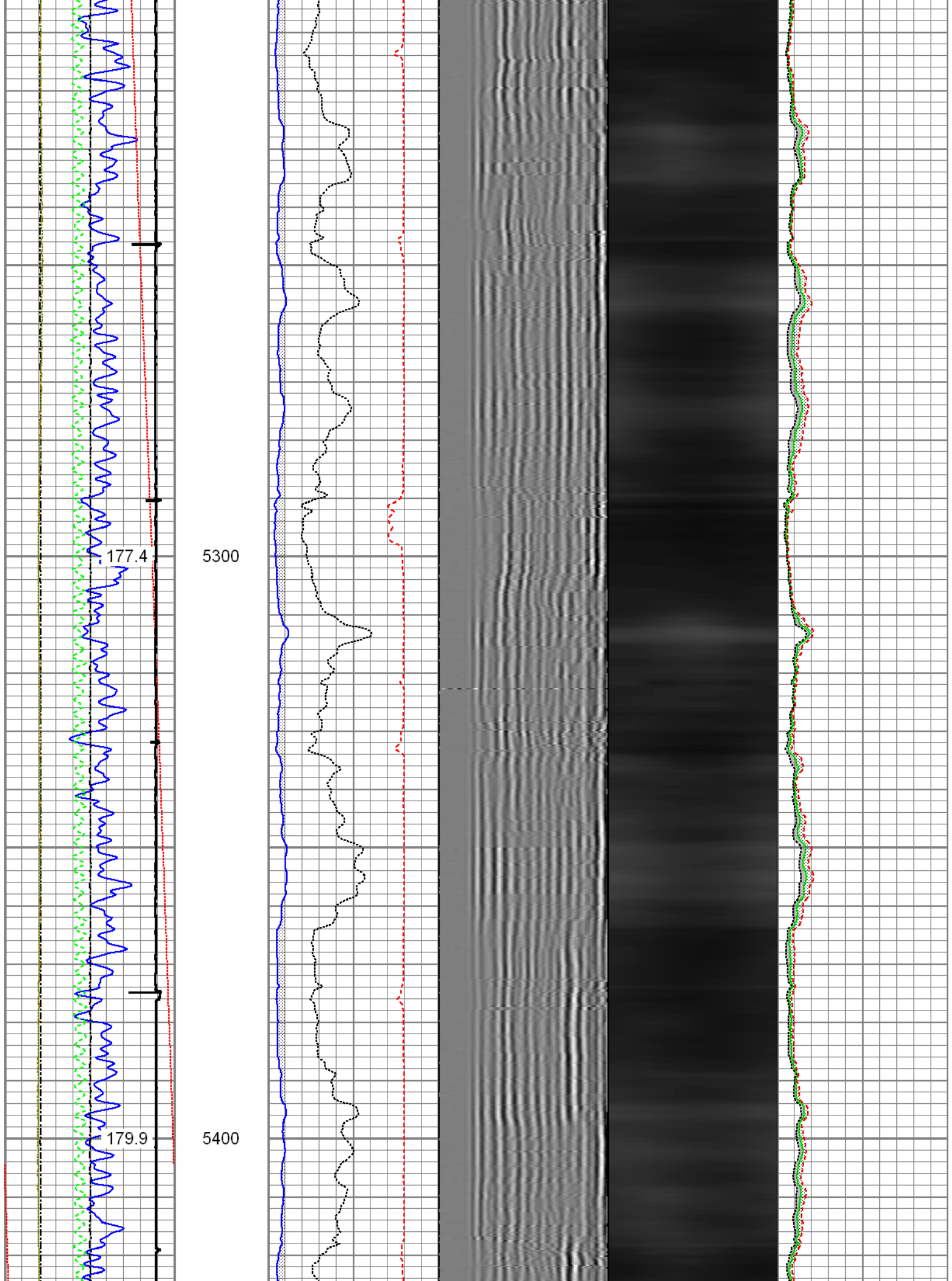


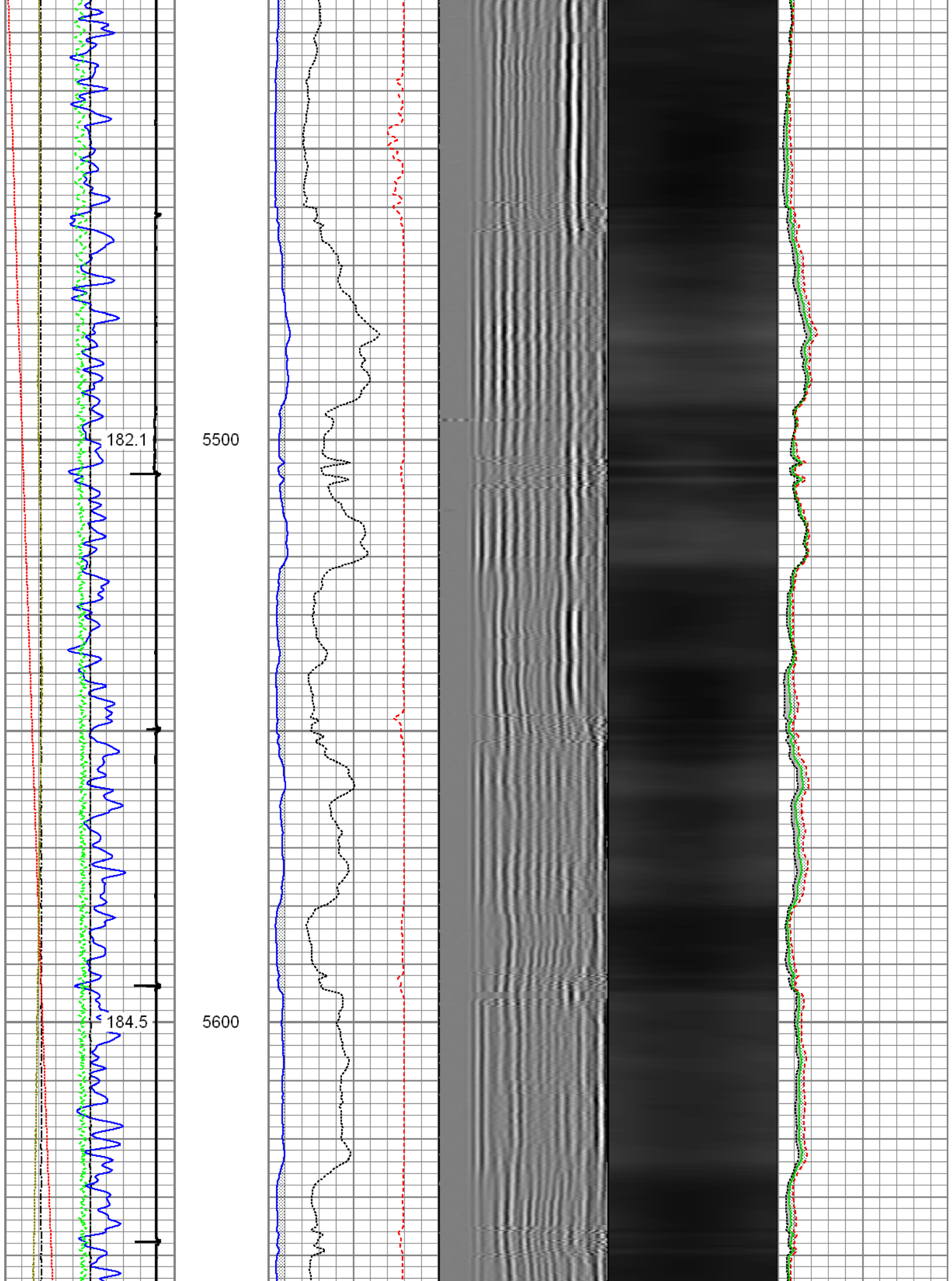


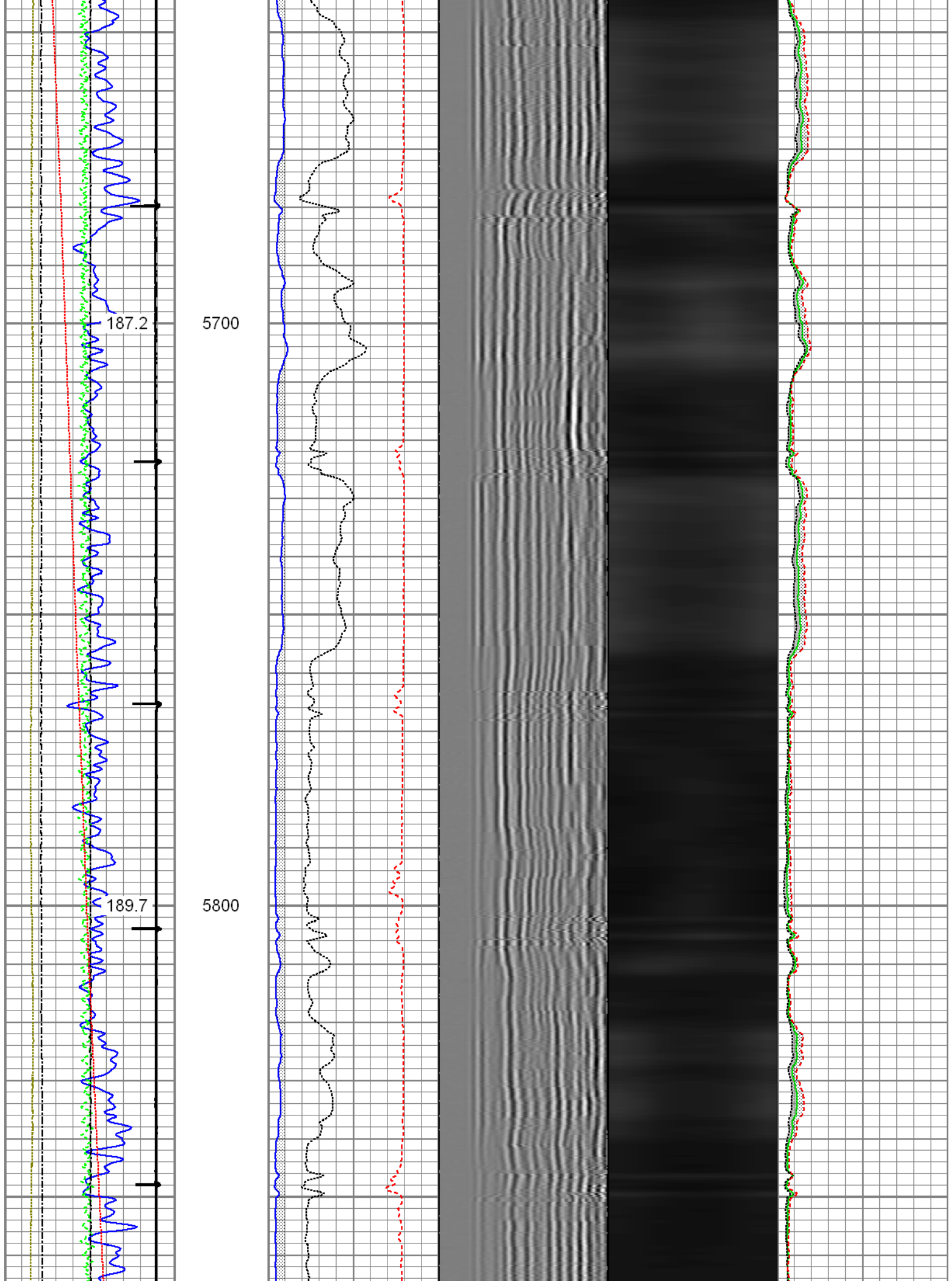




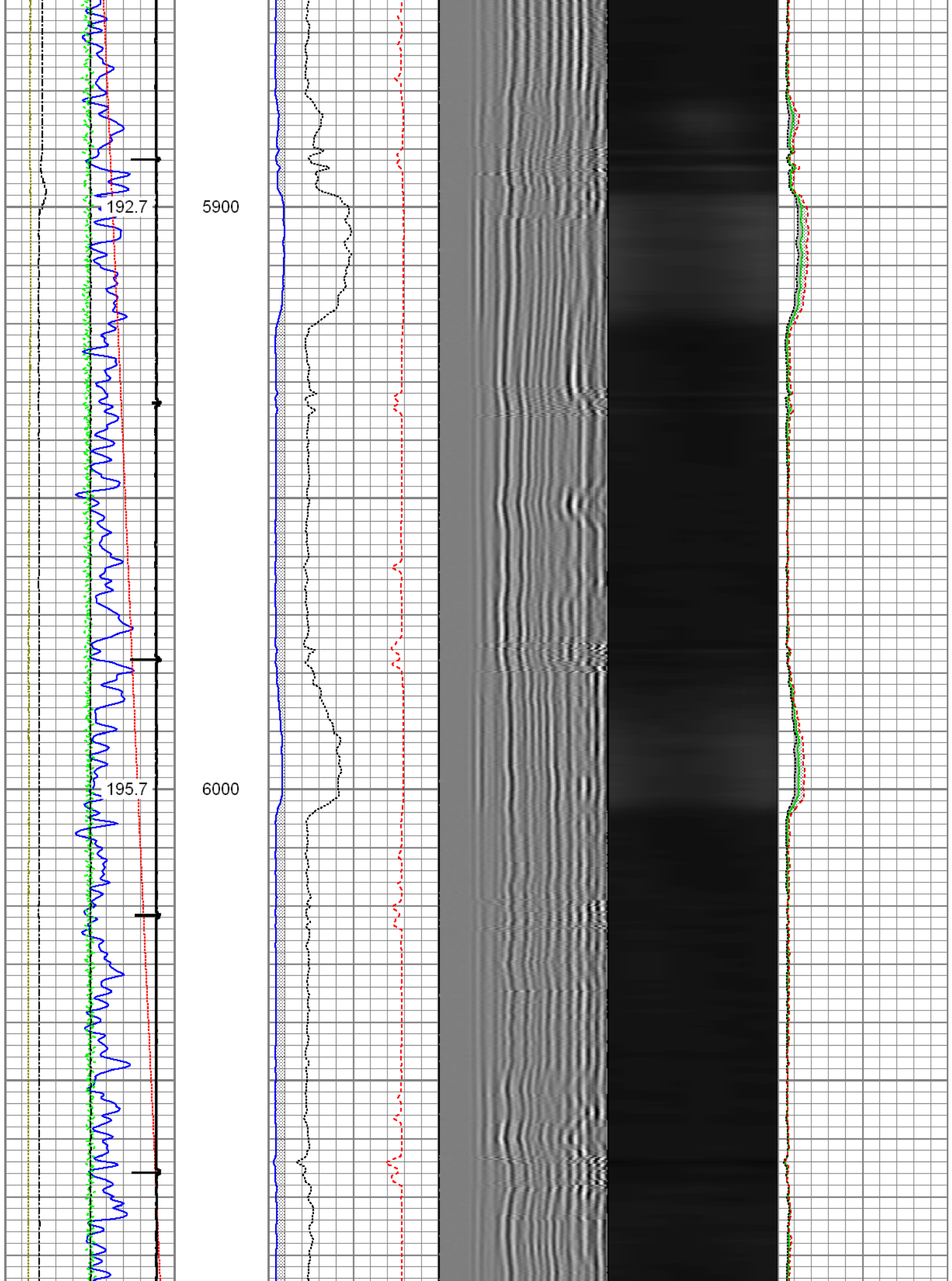




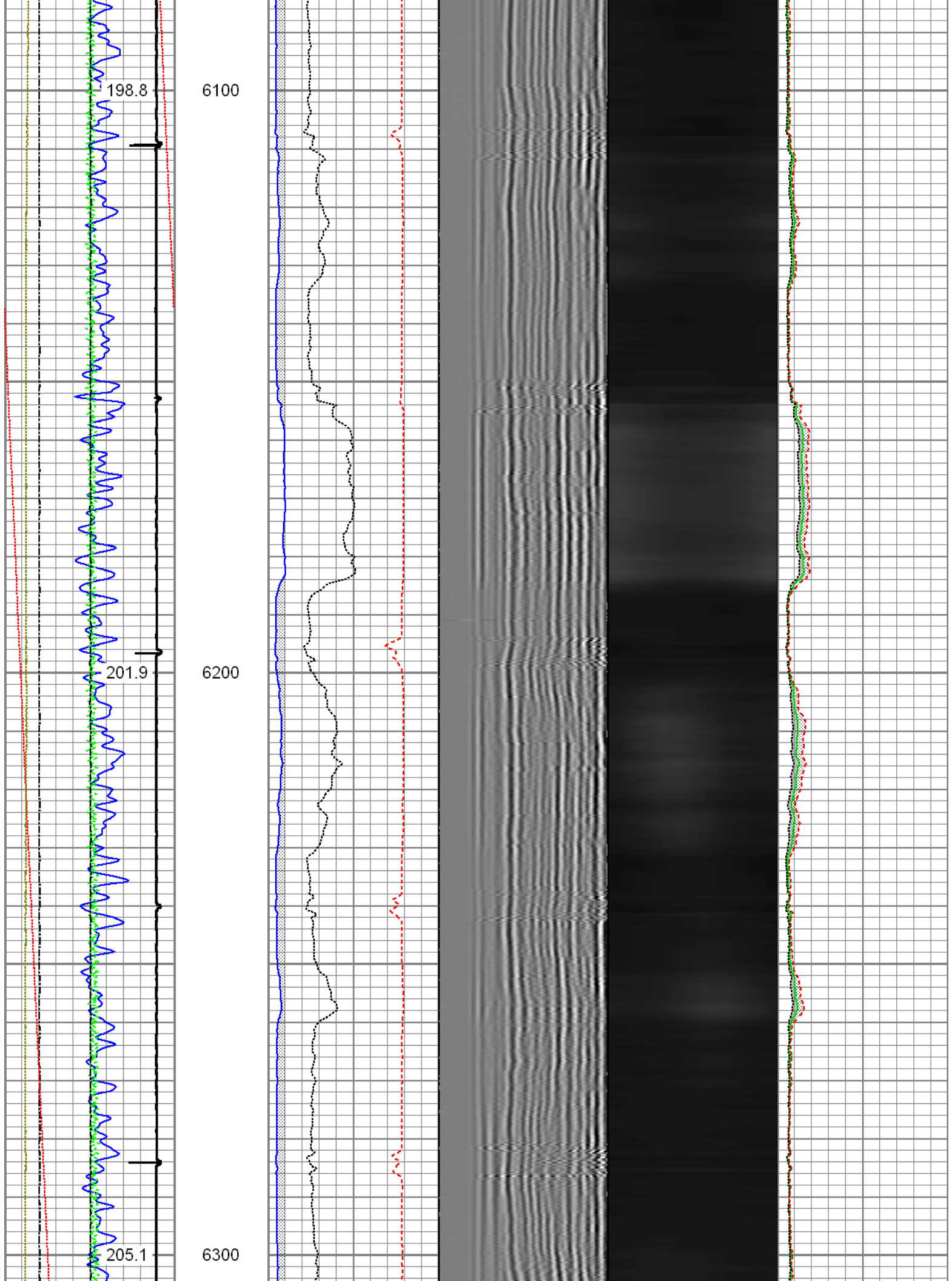


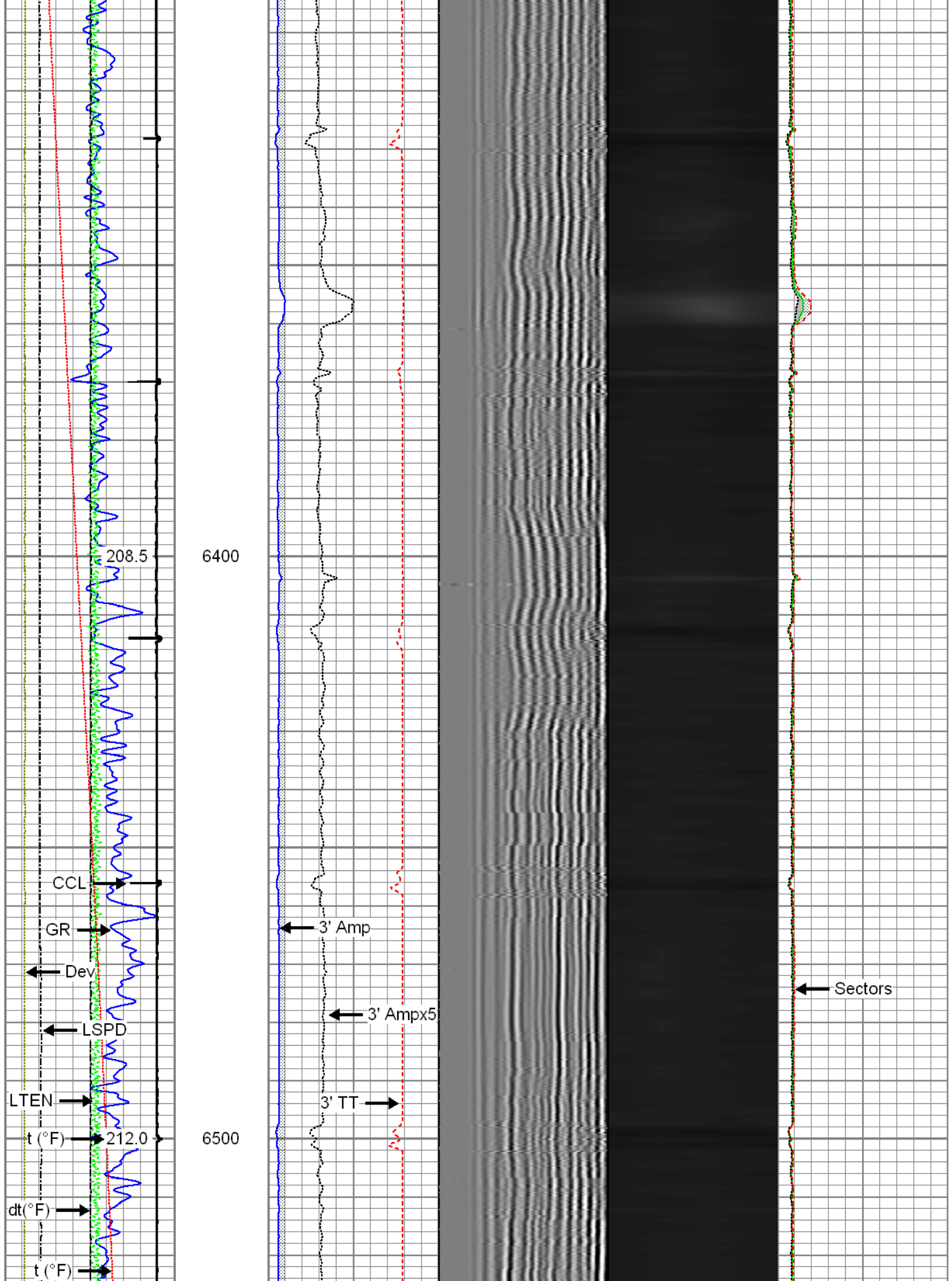


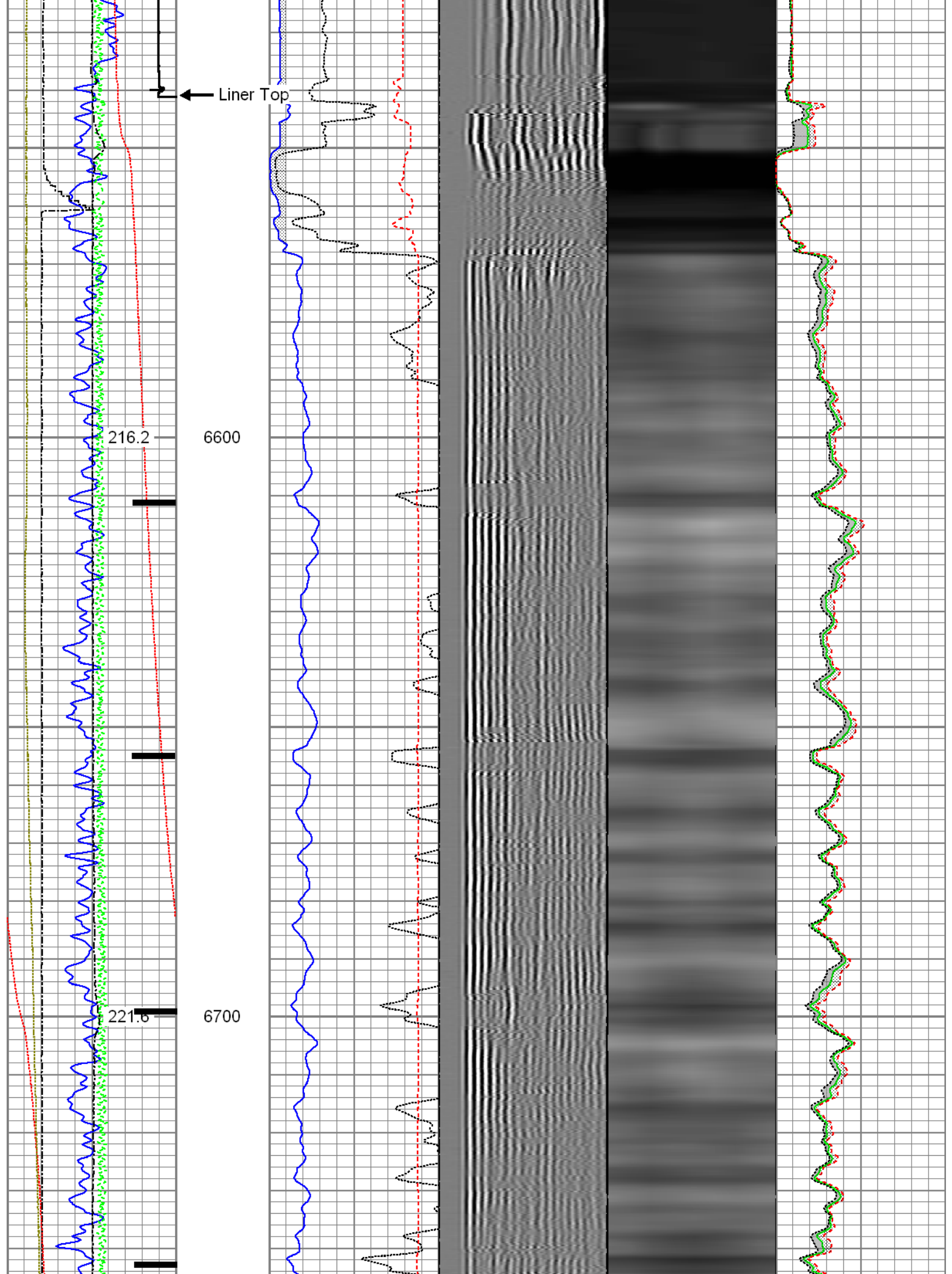


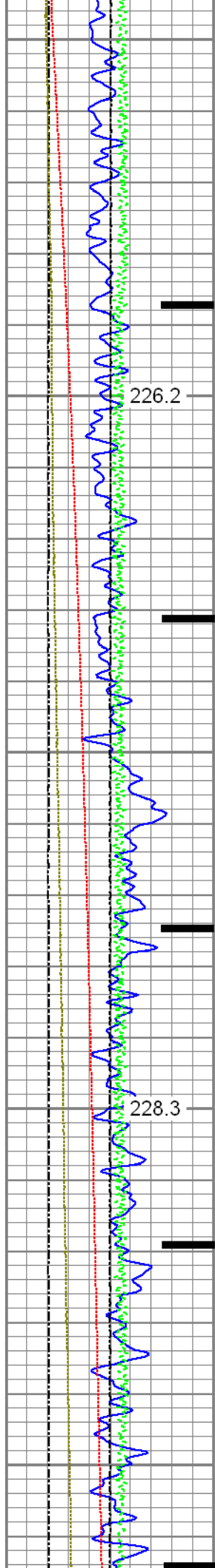






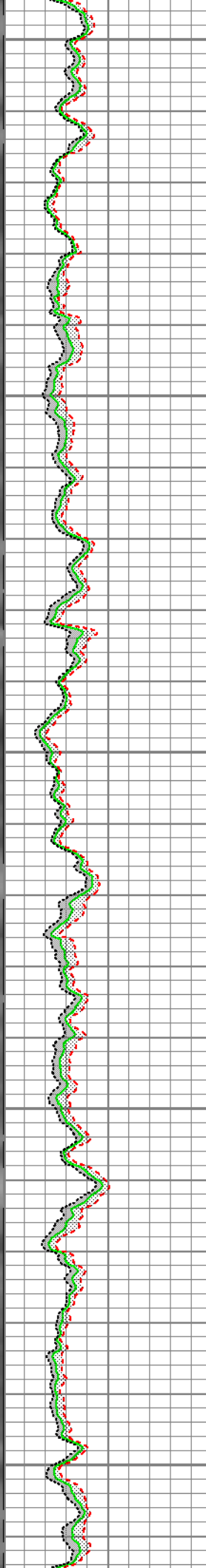
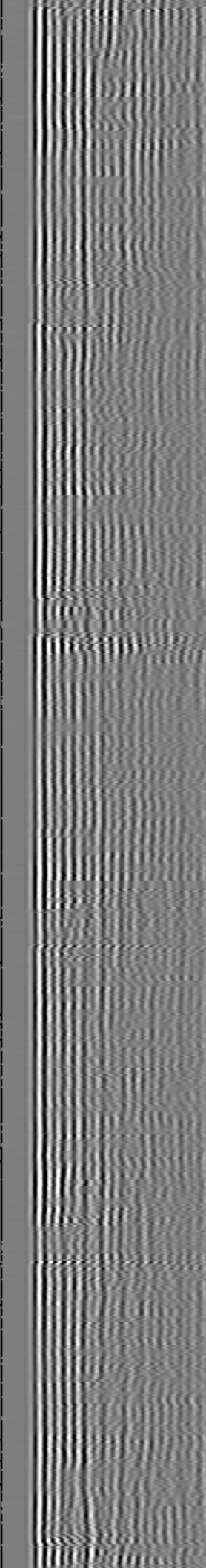
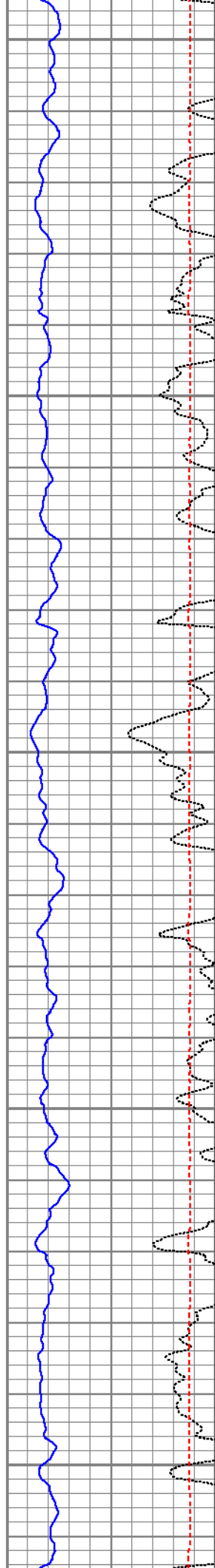




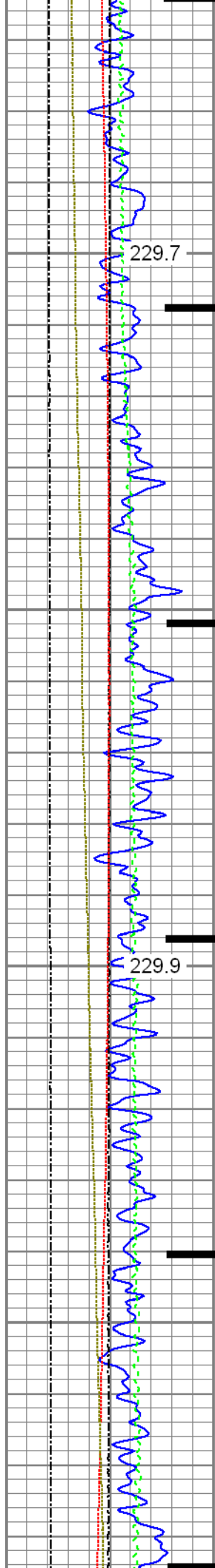


6800

6900





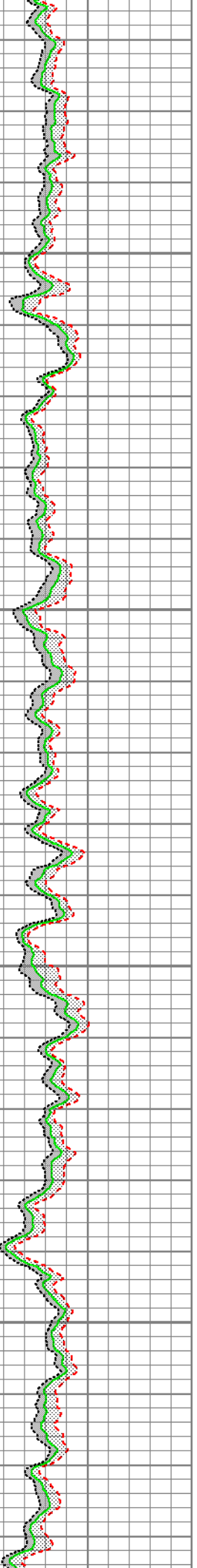
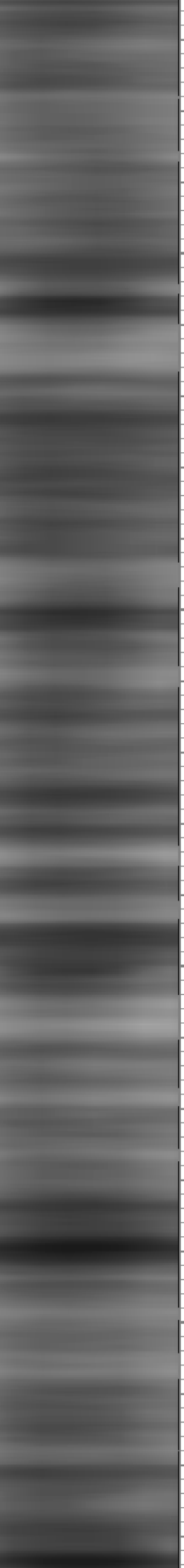
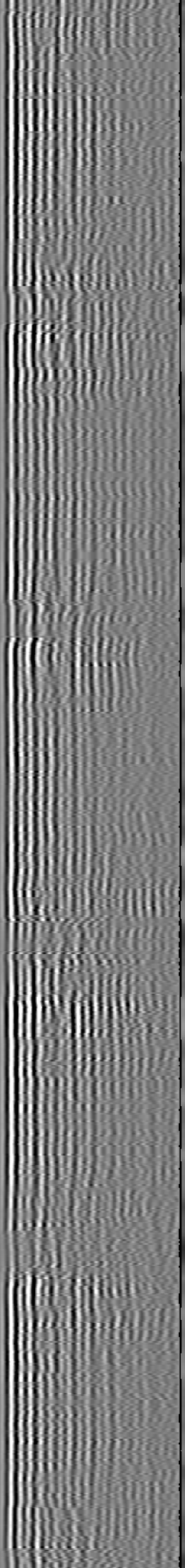
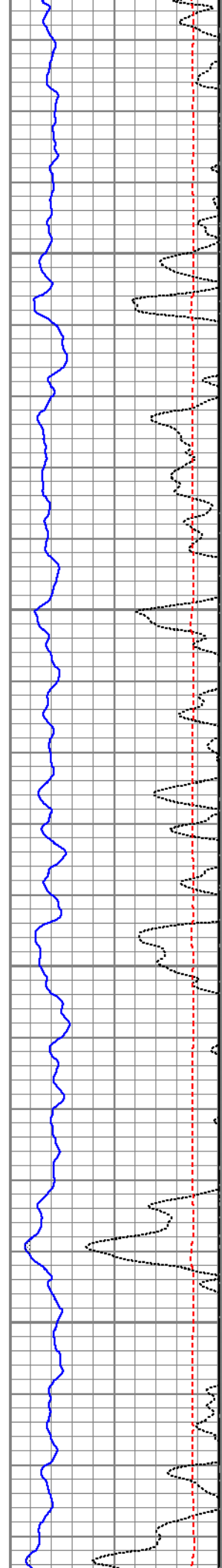


229.7

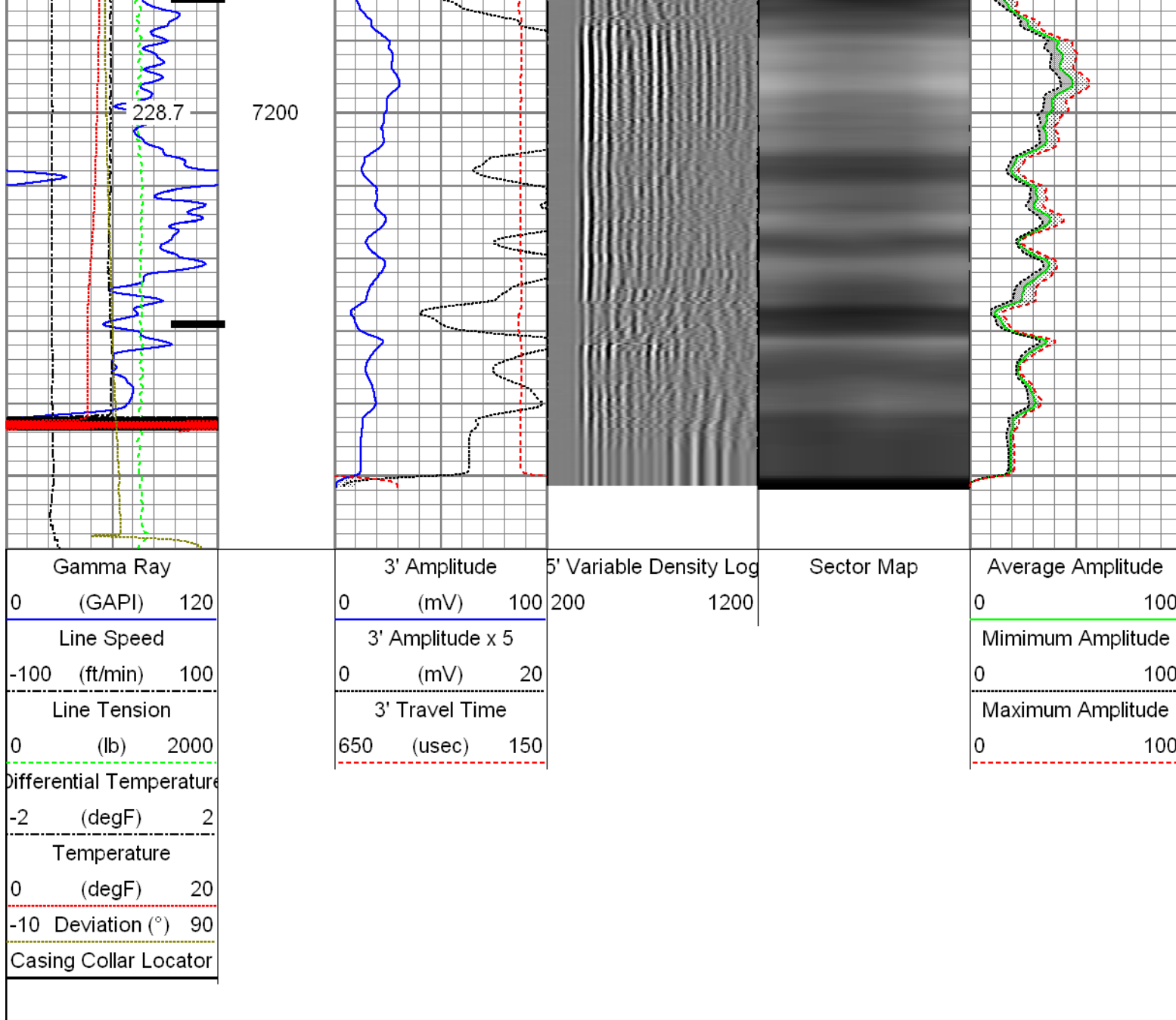
7000

229.9

7100

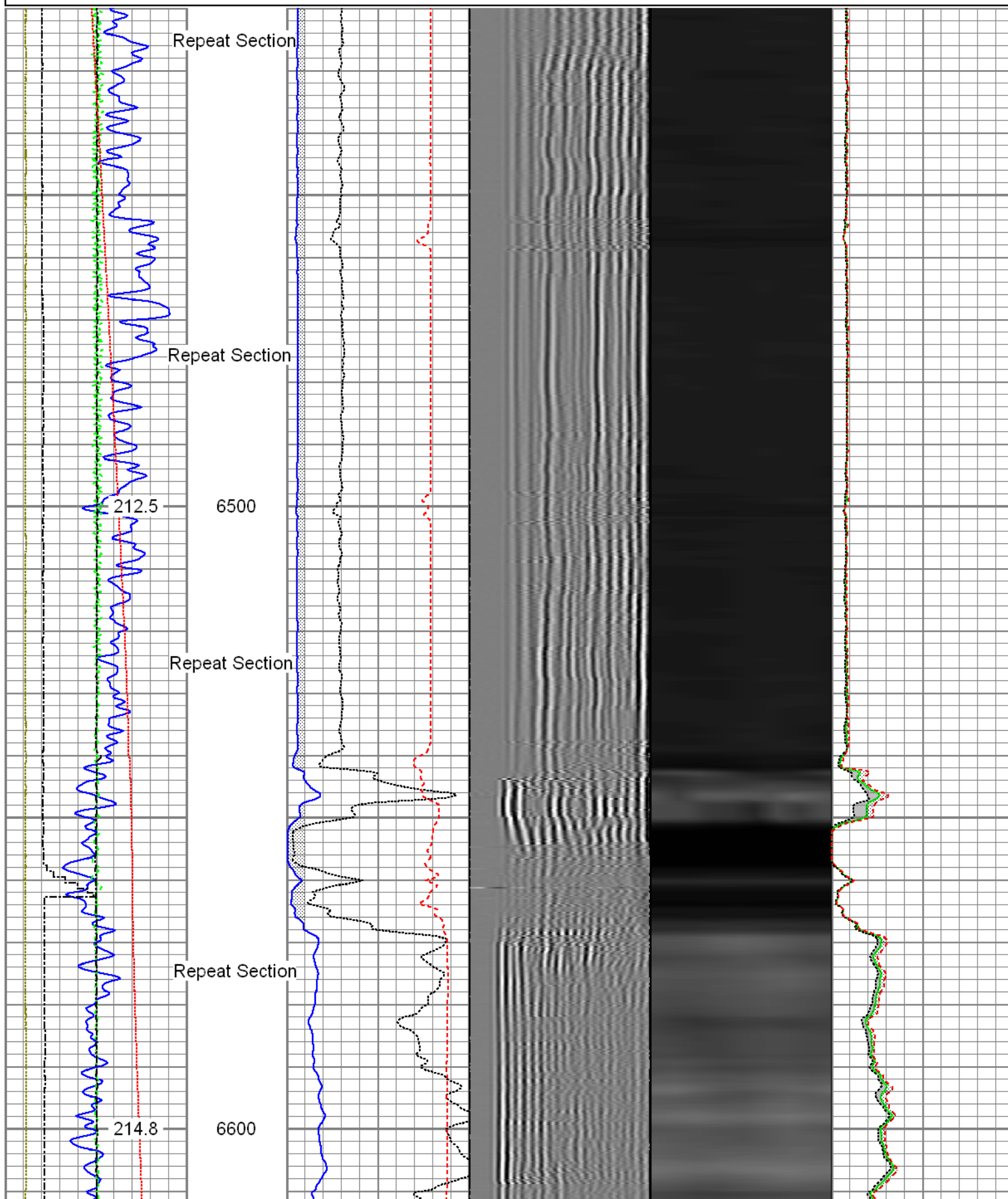


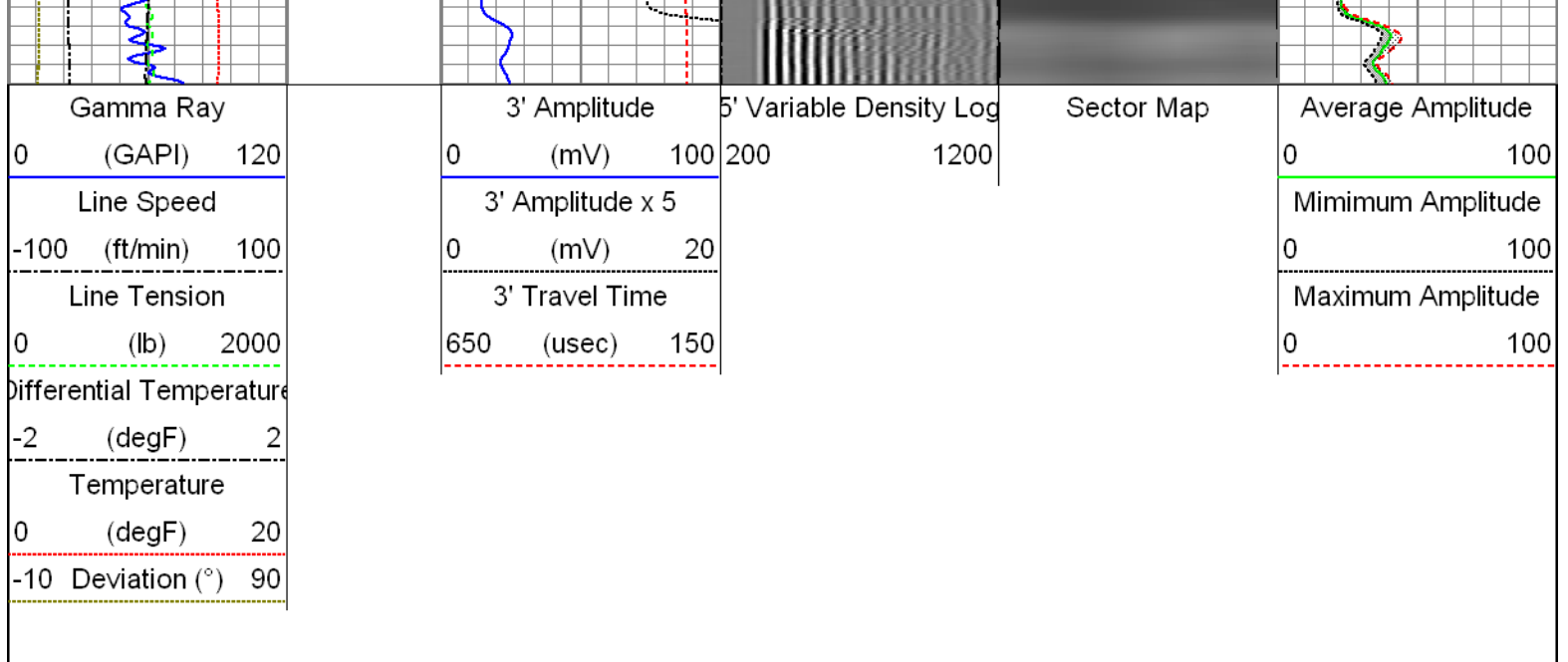


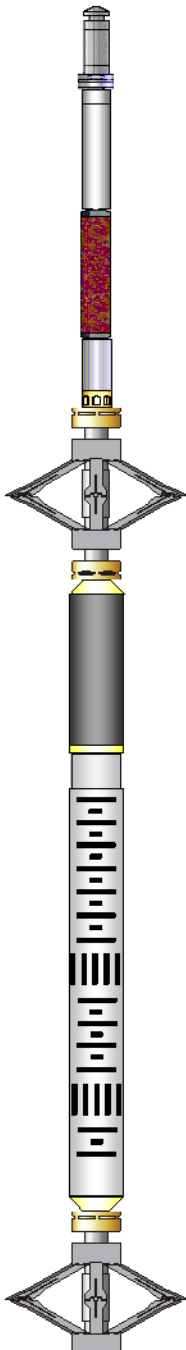
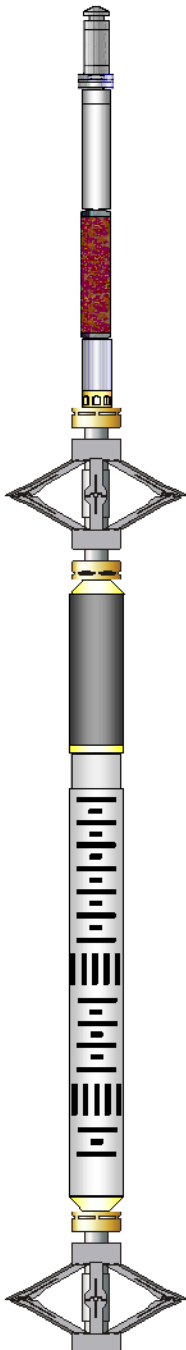
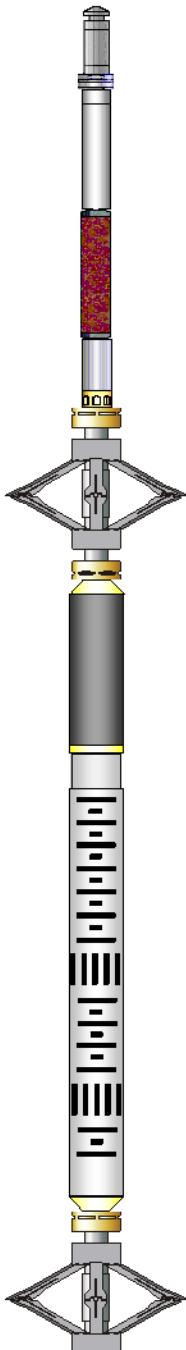


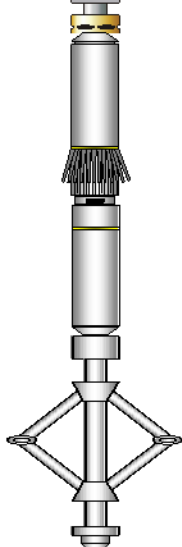
		Repeat Pass		
		Recorded with 2800 PSI Surface Induced Pressure		
Database File: 0512340745_anadarko_goodin 15n-b6hz_06-26-15_mit_rbl.db Dataset Pathname: pass2 Presentation Format: rbt4_mit Dataset Creation: Fri Jun 26 12:55:12 2015 by Log 7.0 B1 Charted by: Depth in Feet scaled 1:240				
Gamma Ray (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				

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		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					
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: 0512340745_Anadarko_Goodin 15N-B6HZ_06-26-15_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:	0512340745_anadarko_goodin 15n-b6hz_06-26-15_mit_rbl.db		
Dataset Pathname:	pass4		
Dataset Creation:	Fri Jun 26 13:06:43 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:				Fri Jun 26 12:23:36 2015			
Ring size:	4	5	6	7			
(in)							
	Sens	Sens	Sens	Sens			
Finger 01:	1064	380.0	1444	391.0	1835	402.0	2237
Finger 02:	1023	383.0	1406	406.0	1812	423.0	2235
Finger 03:	1037	372.0	1409	390.0	1799	413.0	2212
Finger 04:	969	379.0	1348	413.0	1761	439.0	2200
Finger 05:	1001	361.0	1362	385.0	1747	403.0	2150
Finger 06:	1002	372.0	1374	401.0	1775	418.0	2193
Finger 07:	1001	368.0	1369	393.0	1762	412.0	2174
Finger 08:	980	371.0	1351	407.0	1758	428.0	2186
Finger 09:	1048	375.0	1423	396.0	1819	403.0	2222
Finger 10:	1012	370.0	1382	398.0	1780	411.0	2191
Finger 11:	997	369.0	1366	399.0	1765	417.0	2182
Finger 12:	1080	365.0	1445	370.0	1824	386.0	2210

Finger 12:	1080	363.0	1443	379.0	1824	386.0	2210
Finger 13:	1029	364.0	1393	396.0	1789	417.0	2206
Finger 14:	1012	378.0	1390	410.0	1800	428.0	2228
Finger 15:	973	376.0	1349	413.0	1762	433.0	2195
Finger 16:	1031	374.0	1405	397.0	1802	418.0	2220
Finger 17:	1062	376.0	1438	386.0	1824	402.0	2226
Finger 18:	1098	381.0	1479	384.0	1863	404.0	2267
Finger 19:	1064	380.0	1444	395.0	1839	416.0	2255
Finger 20:	982	380.0	1362	406.0	1768	428.0	2196
Finger 21:	1080	380.0	1460	388.0	1848	411.0	2259
Finger 22:	1064	383.0	1447	395.0	1842	416.0	2258
Finger 23:	1104	385.0	1489	394.0	1883	416.0	2299
Finger 24:	1067	353.0	1420	370.0	1790	390.0	2180
Finger 25:	1079	392.0	1471	396.0	1867	418.0	2285
Finger 26:	1042	377.0	1419	389.0	1808	415.0	2223
Finger 27:	1210	399.0	1609	391.0	2000	405.0	2405
Finger 28:	1084	369.0	1453	378.0	1831	410.0	2241
Finger 29:	1028	380.0	1408	392.0	1800	422.0	2222
Finger 30:	1014	381.0	1395	395.0	1790	431.0	2221
Finger 31:	1225	413.0	1638	408.0	2046	424.0	2470
Finger 32:	997	378.0	1375	382.0	1757	406.0	2163
Finger 33:	1092	404.0	1496	410.0	1906	436.0	2342
Finger 34:	967	375.0	1342	391.0	1733	418.0	2151
Finger 35:	1125	405.0	1530	410.0	1940	428.0	2368
Finger 36:	1038	367.0	1405	377.0	1782	400.0	2182
Finger 37:	1105	404.0	1509	409.0	1918	428.0	2346
Finger 38:	1070	377.0	1447	385.0	1832	402.0	2234
Finger 39:	1059	368.0	1427	374.0	1801	393.0	2194
Finger 40:	966	390.0	1356	418.0	1774	440.0	2214


Segmented Cement Bond Log Calibration Report						
Serial Number:		1063				
Tool Model:		UW_RBT_004				
Calibration Casing Diameter:		7.000	in			
Calibration Depth:		29.781	ft			
Master Calibration, performed Fri Jun 26 12:24:54 2015:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	-0.003	1.000	0.800	62.165	61.201	0.964
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	99.671	0.329
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	99.716	0.284
S7	-0.002	1.000	0.000	100.000	99.756	0.244
S8	-0.003	1.000	0.000	100.000	99.741	0.259

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	22727.00	cps		152.00	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		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	Goodin 15N-B6HZ
	Field	Wattenberg
	County	Weld
	State	Colorado