



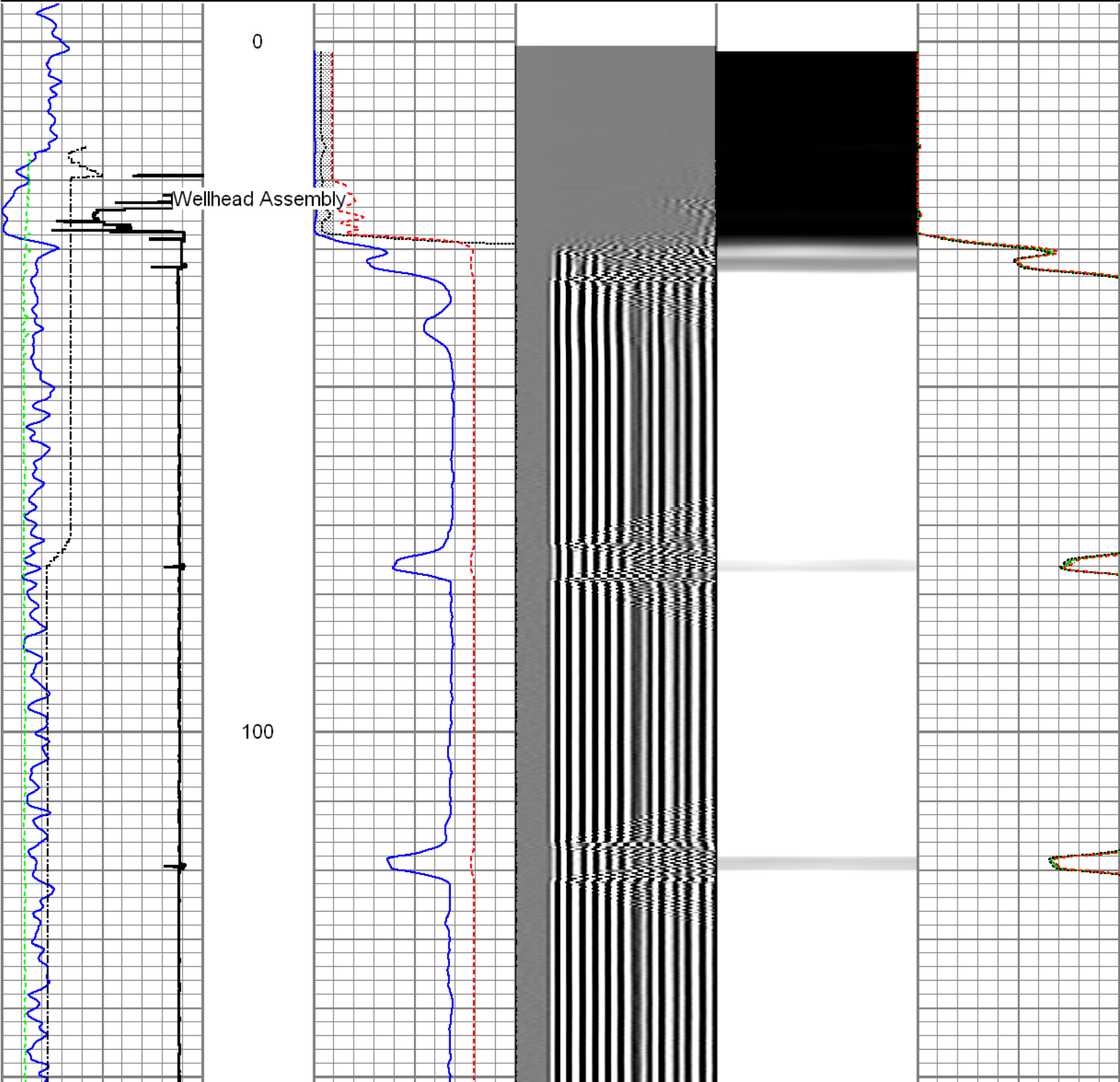
<<< Fold Here >>>
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible 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
<p>Log ran as per customer request.</p> <p>Depth reference to casing tally report liner top at 6719 FT.</p> <p>Adjusted lot + 7 FT to correlate with liner top.</p> <p>Gauge ring/junk basket run to 7368 FT had no debris prior to log run.</p> <p>Log ran from as deep as possible in heel to surface.</p> <p>Log ran with 2800 PSI surface induced pressure.</p> <p>Thank you for choosing FMC Technologies Completion Surfaces, Inc.!!</p>

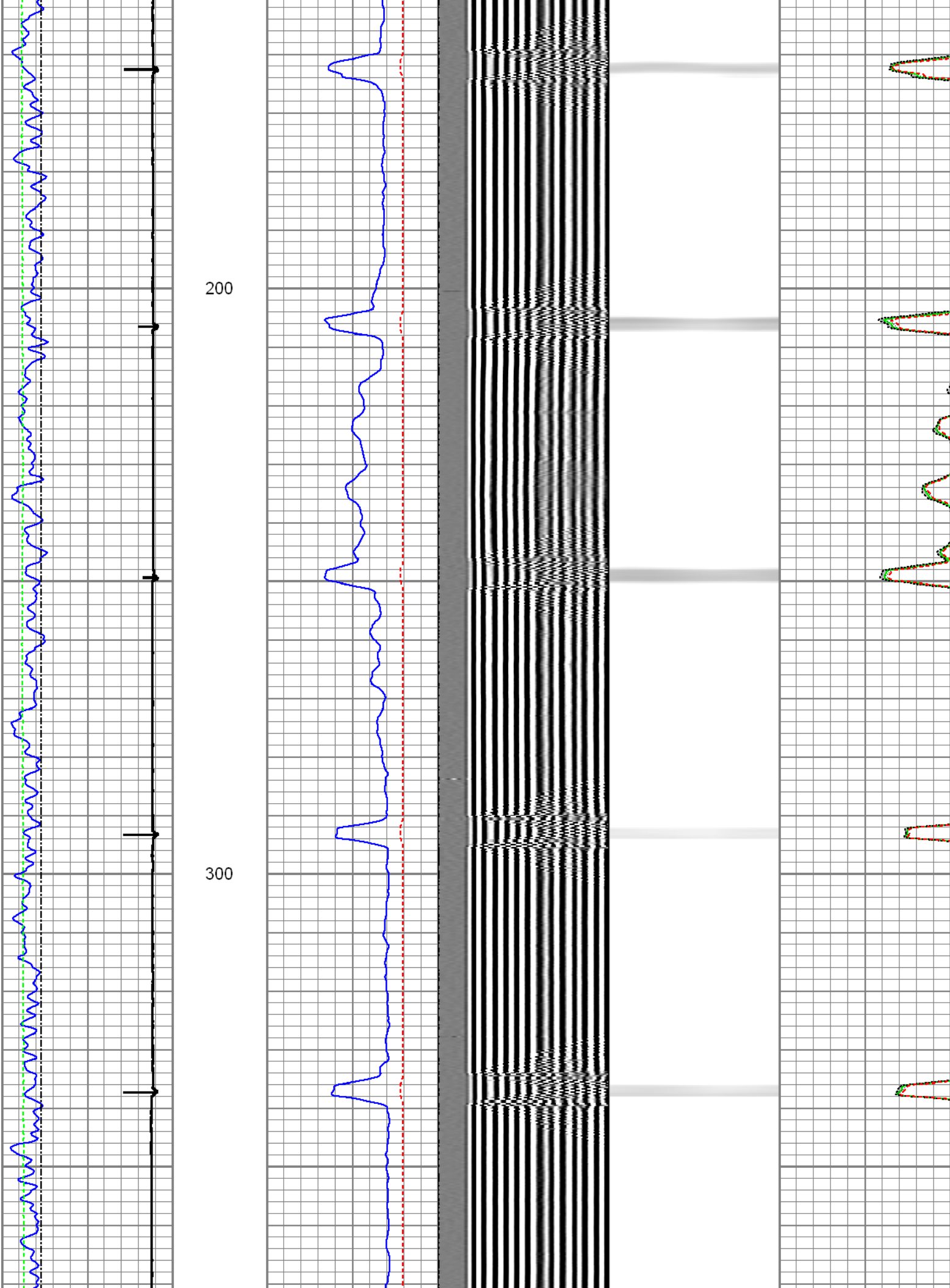


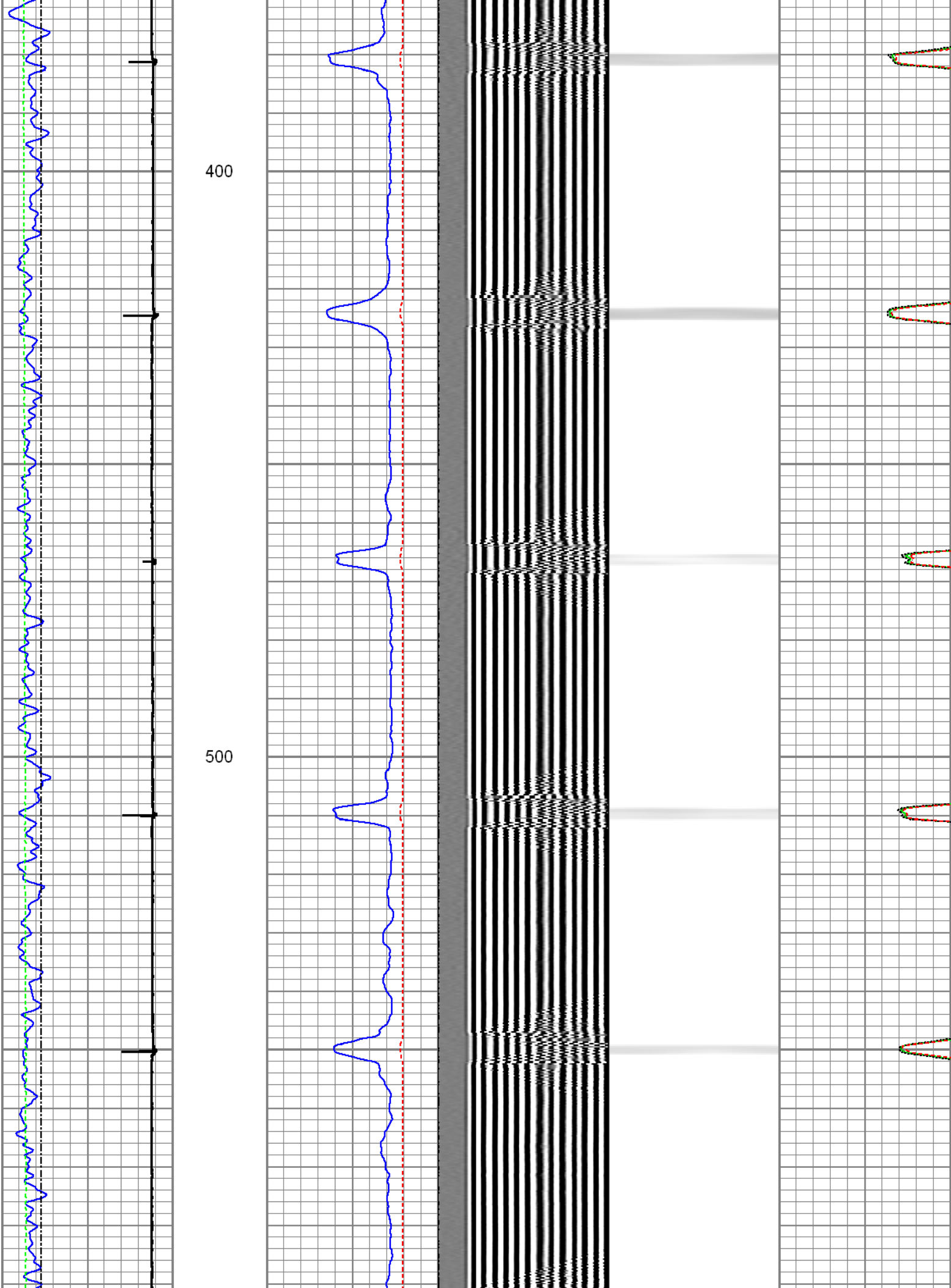
Logged with 2800 PSI Surface Induced Pressure

Database File: 08-09-14\_anadarko\_dugite 34n-35hz\_mit\_rbl.db  
Dataset Pathname: merge1  
Presentation Format: rbt4\_mit  
Dataset Creation: Sat Aug 09 14:49:30 2014  
Charted by: Depth in Feet scaled 1:240

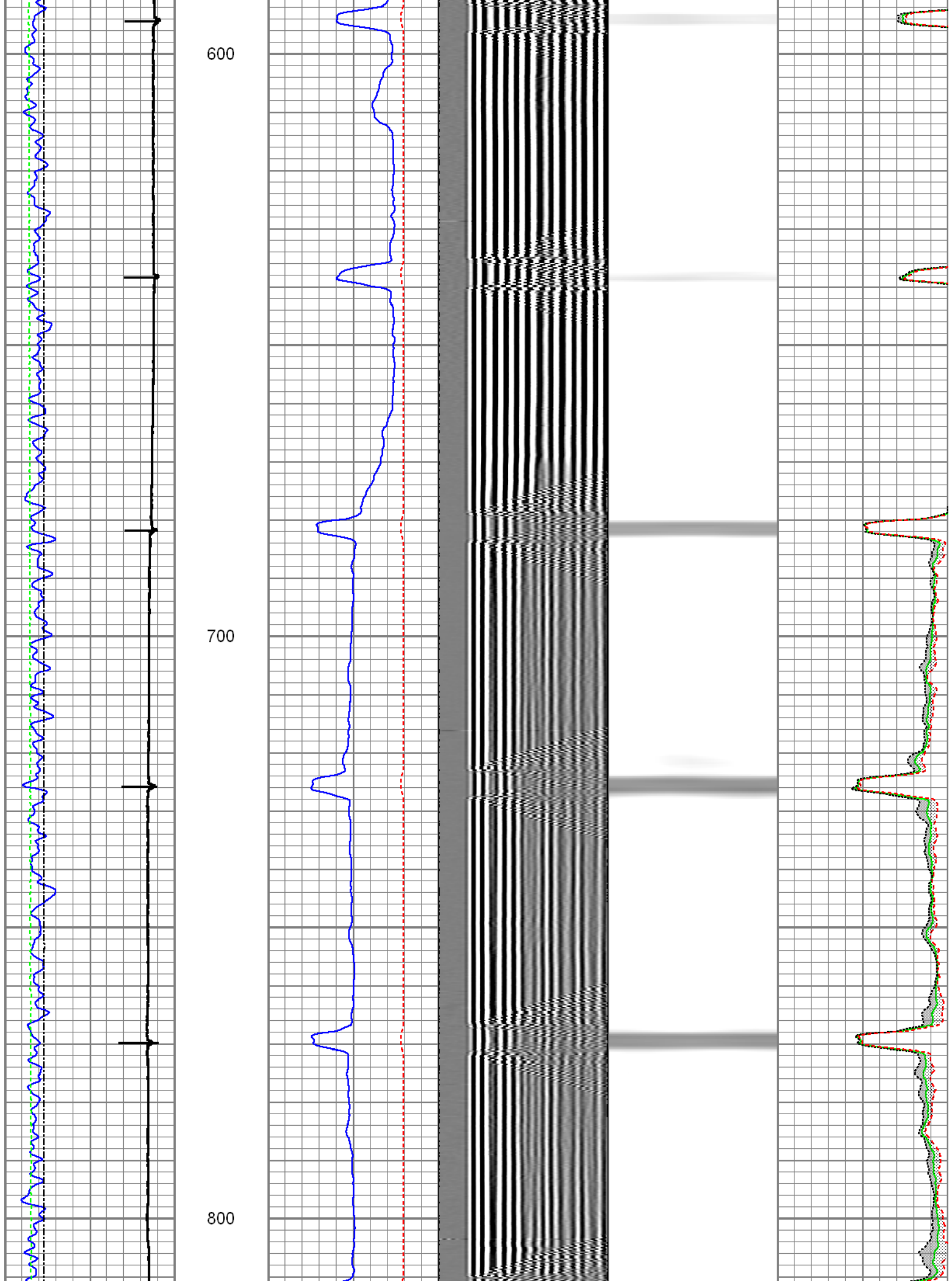
Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 120	0 (mV) 100	200 1200		0 100
Casing Collar Locator	3' Amplitude x 5			Mimimum Amplitude
Line Speed	0 (mV) 20			0 100
-100 (ft/min) 100	3' Travel Time			Maximum Amplitude
Line Tension	650 (usec) 150			0 100
0 (lb) 2000				

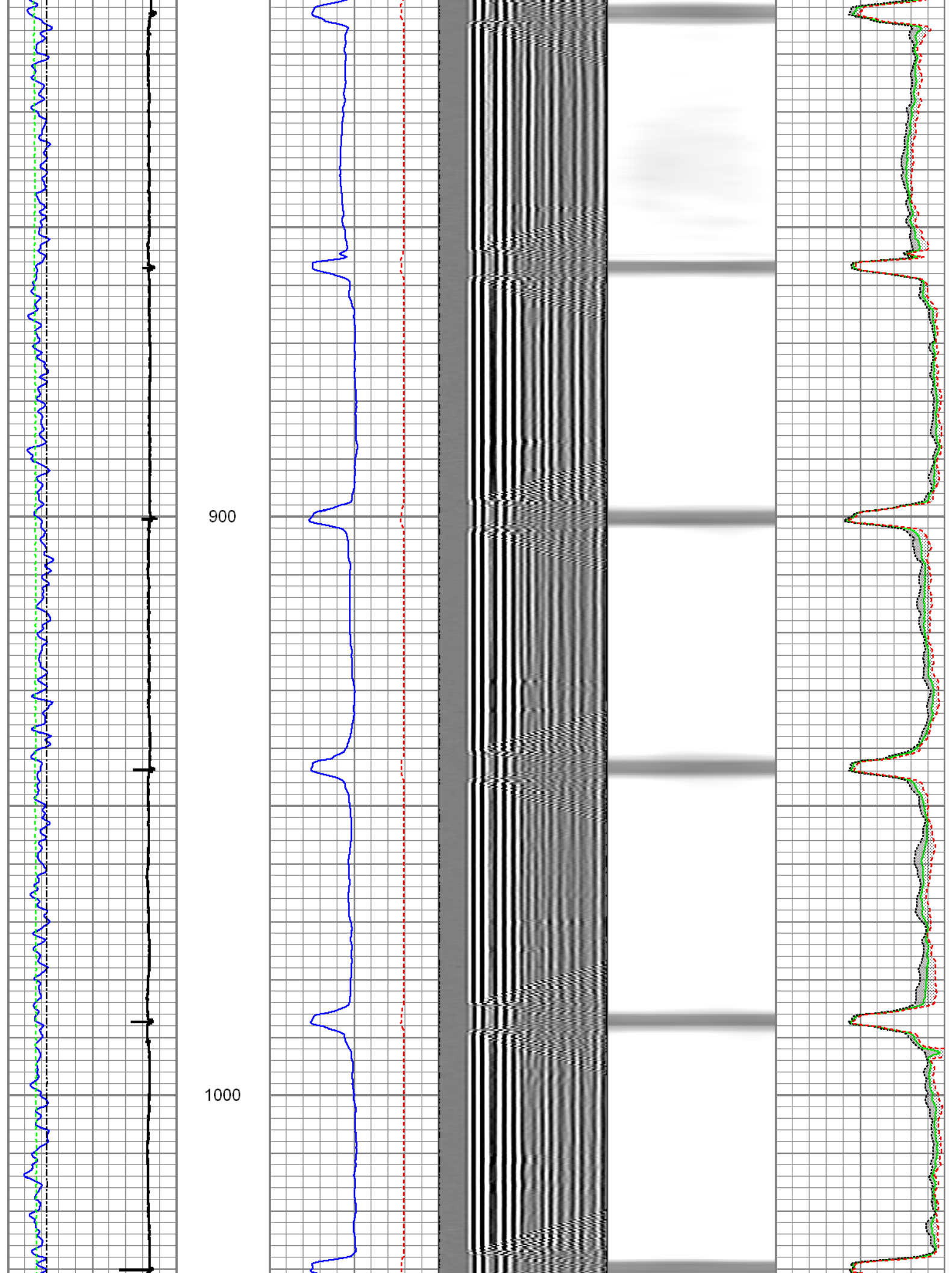


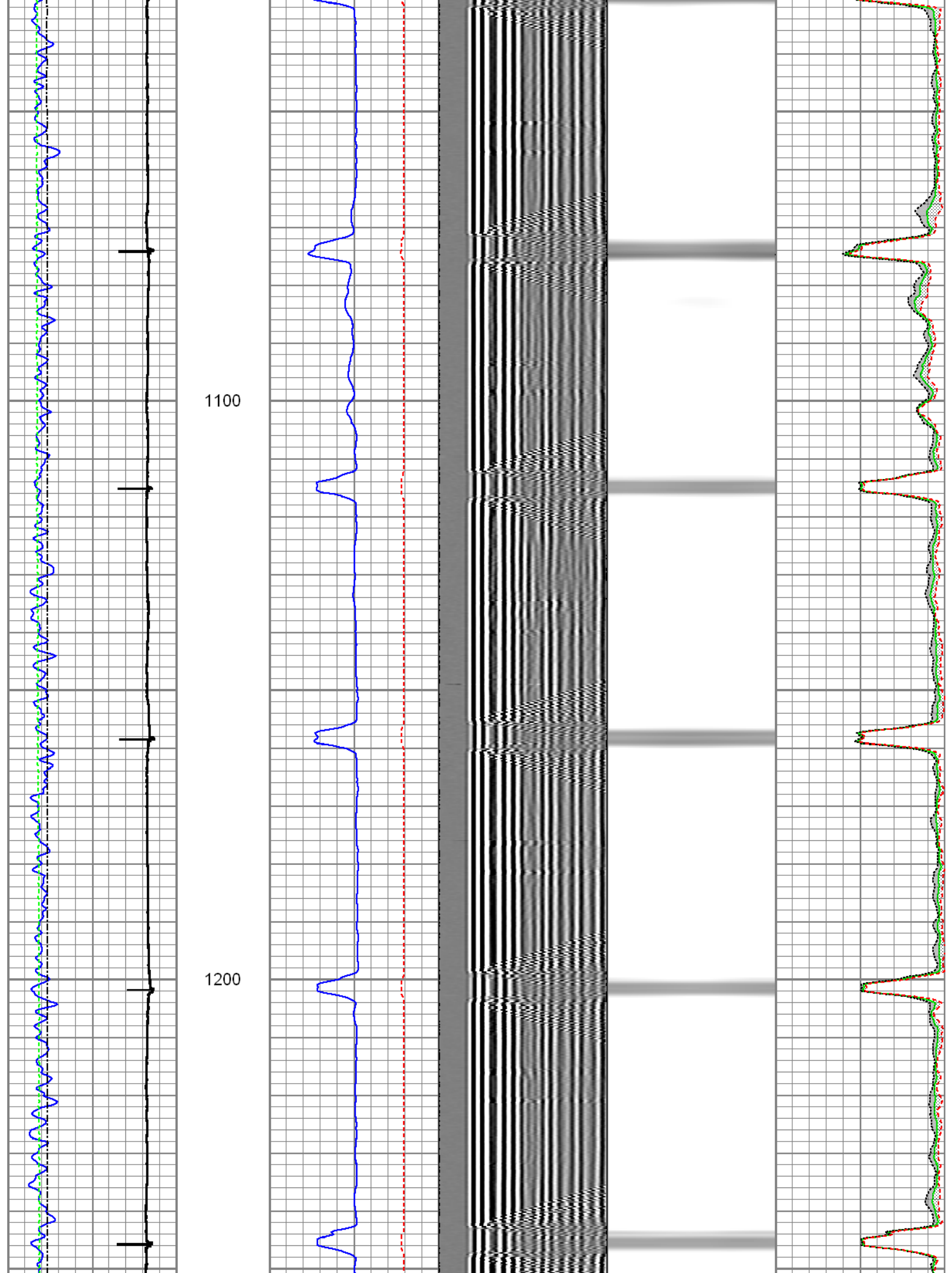


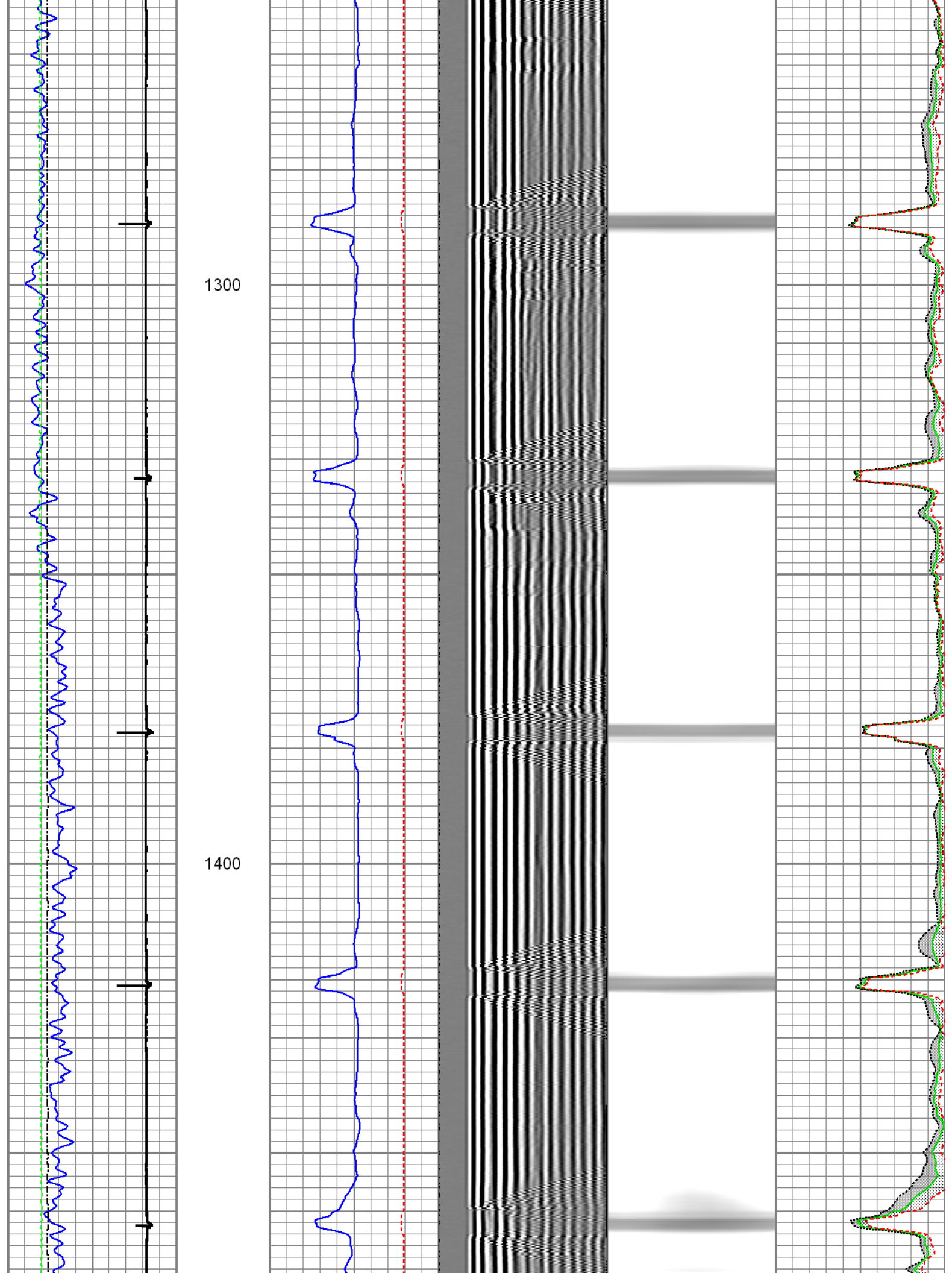




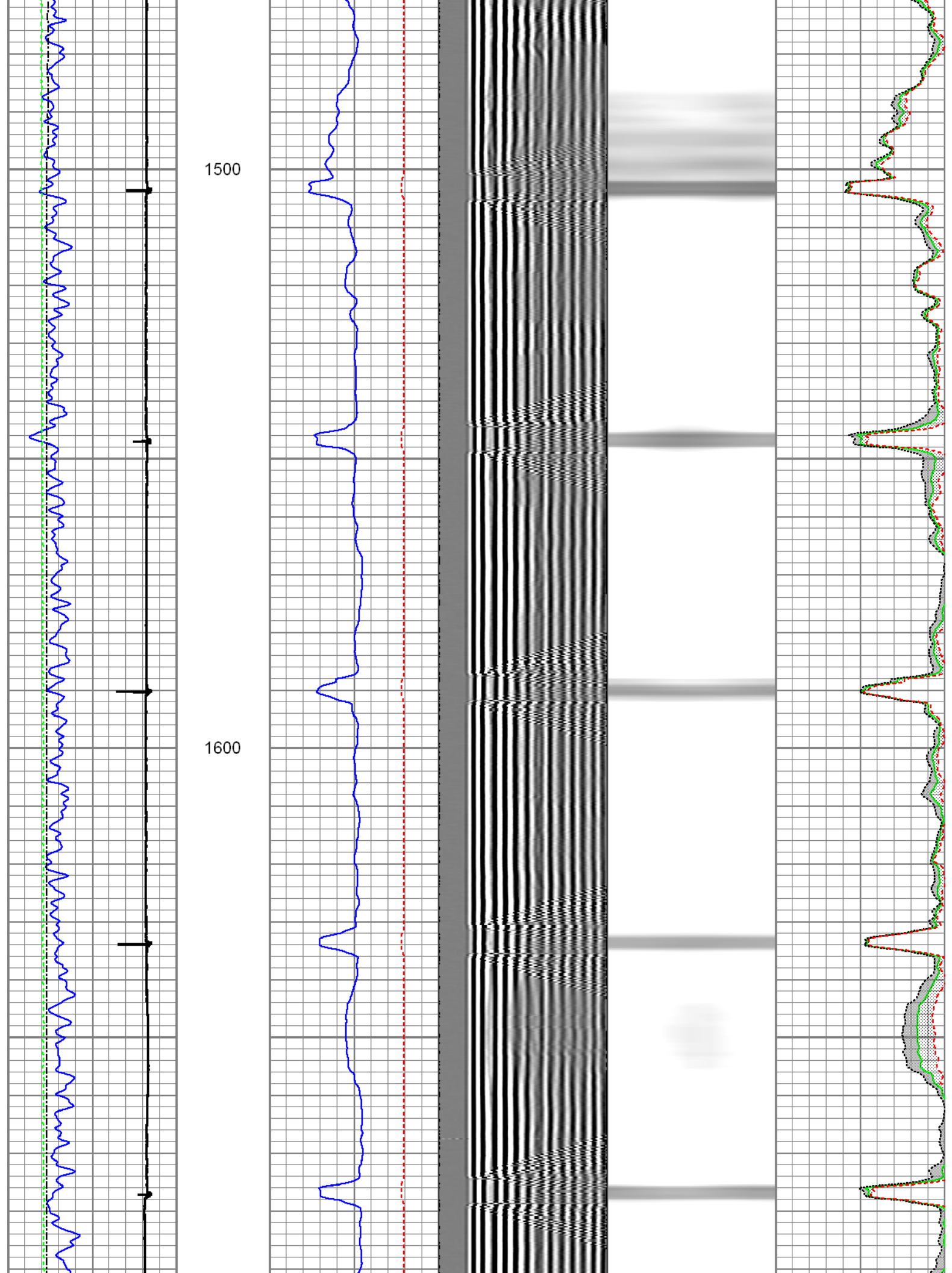




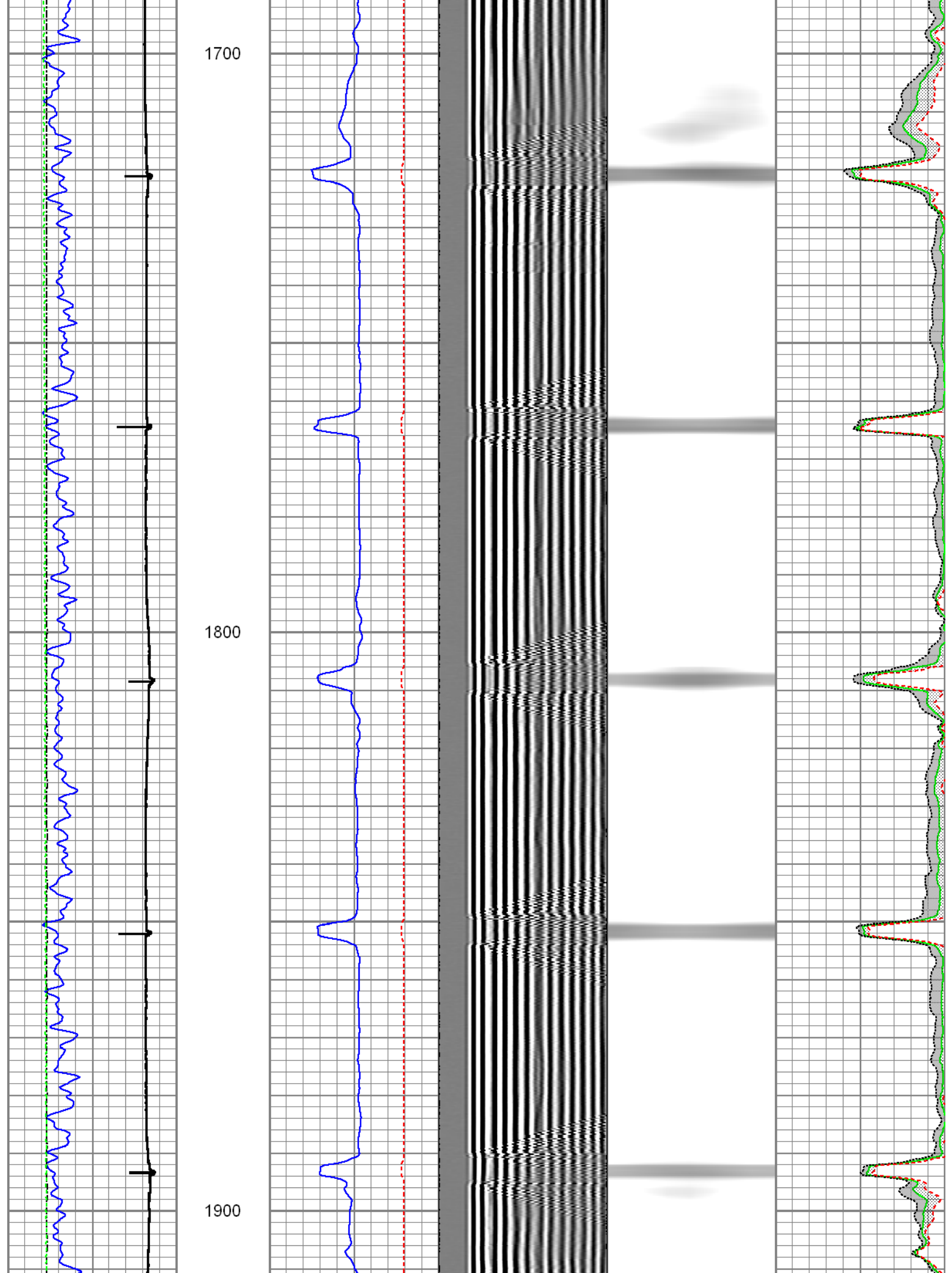


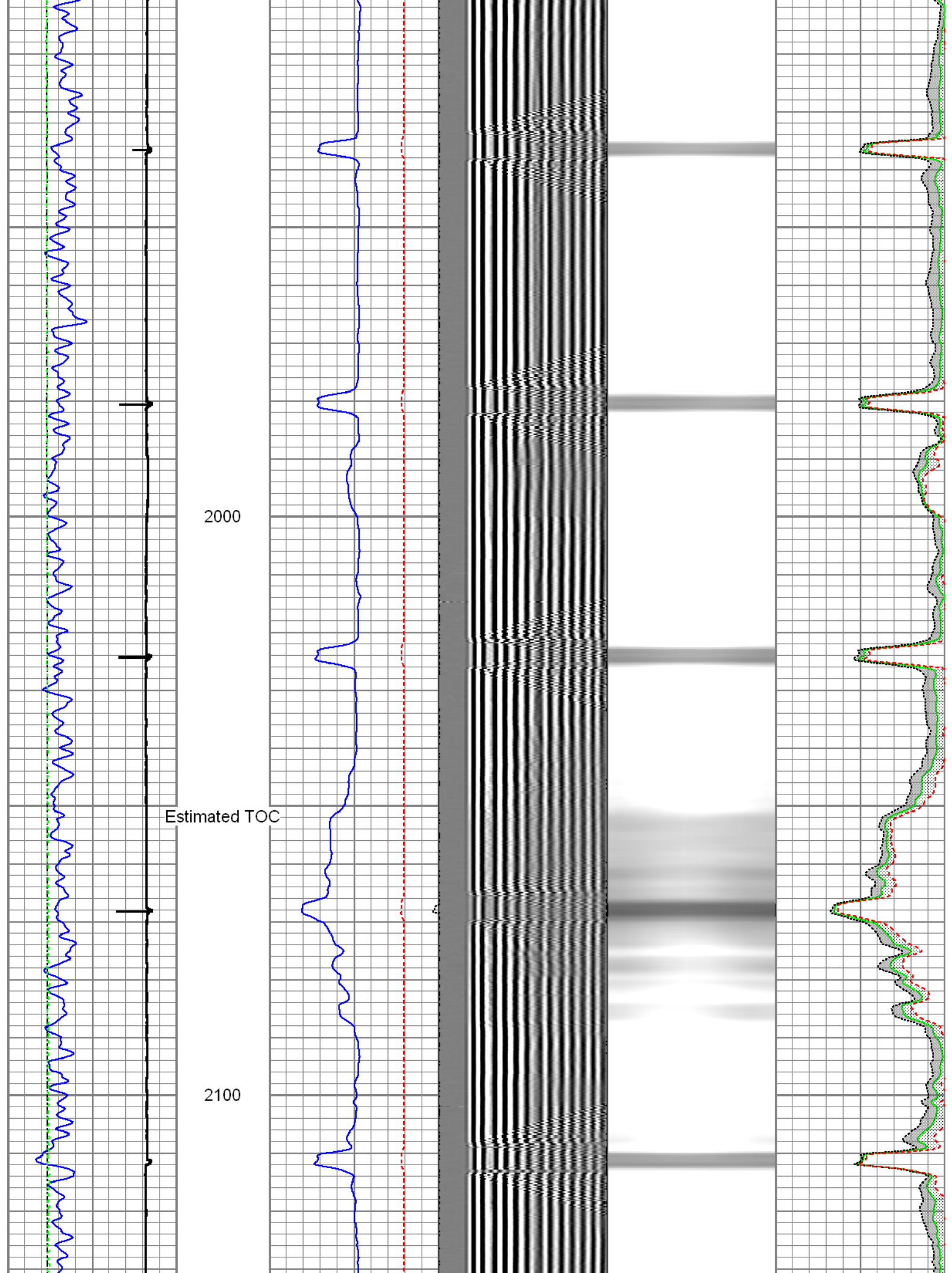


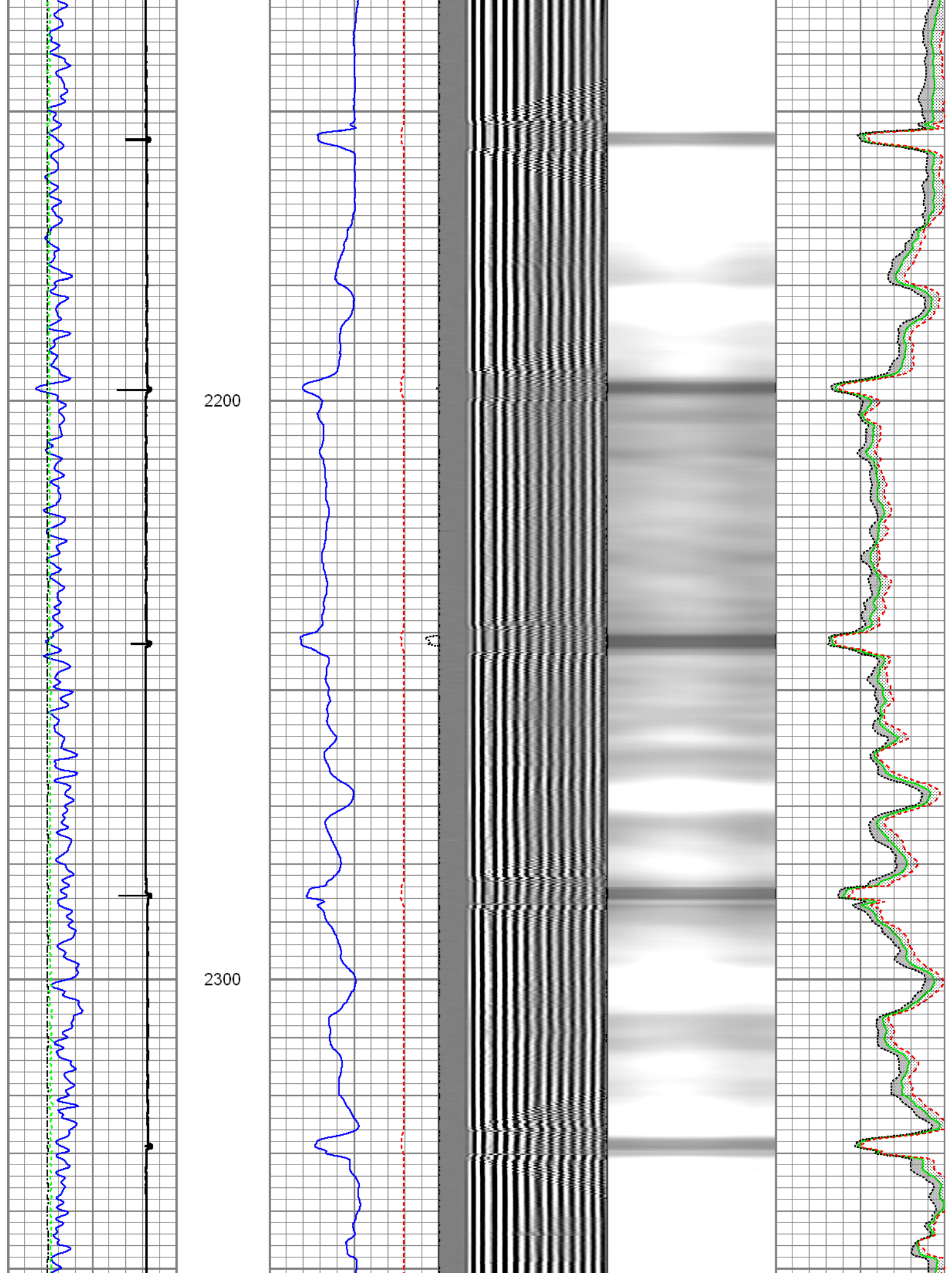


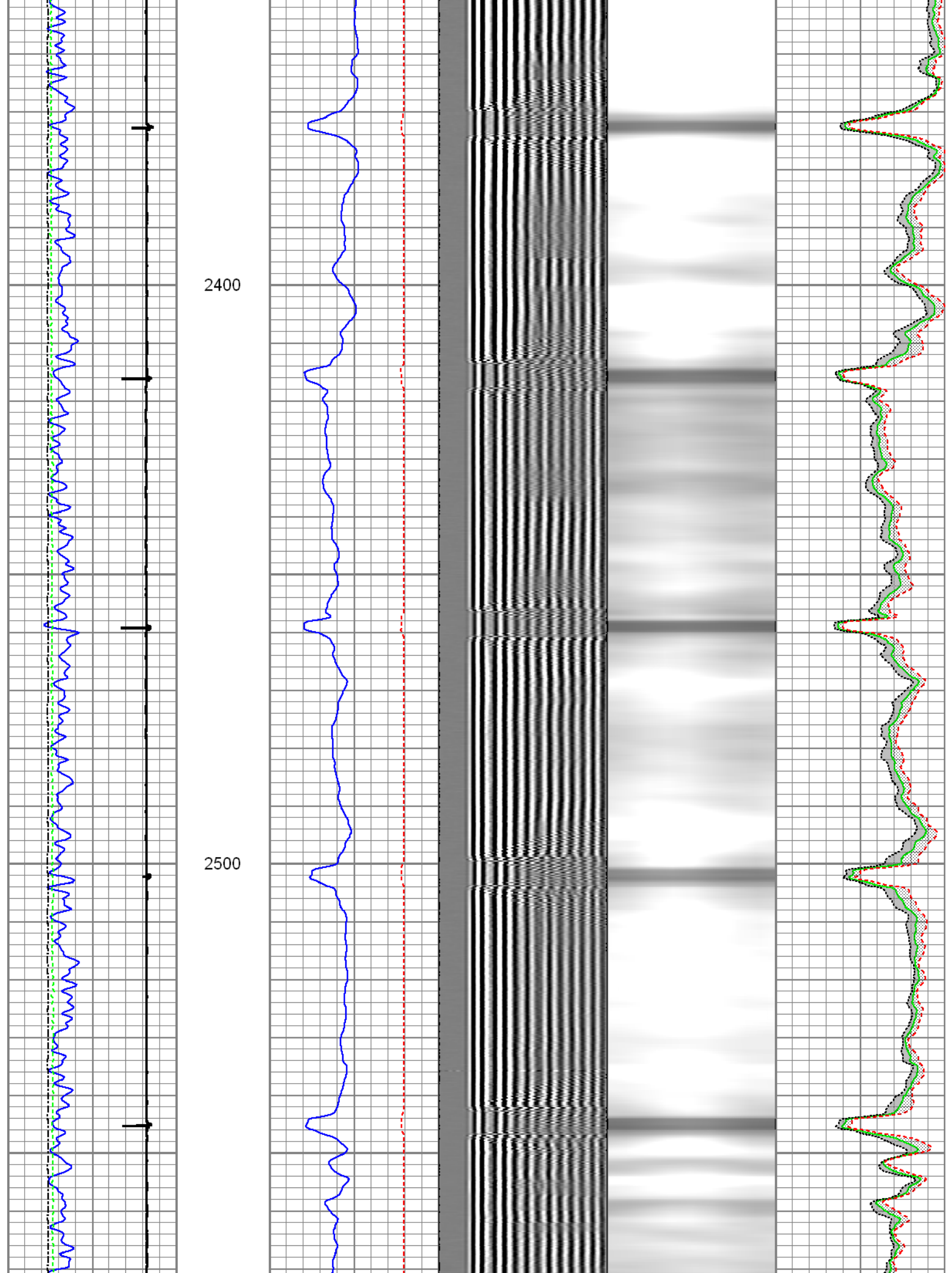








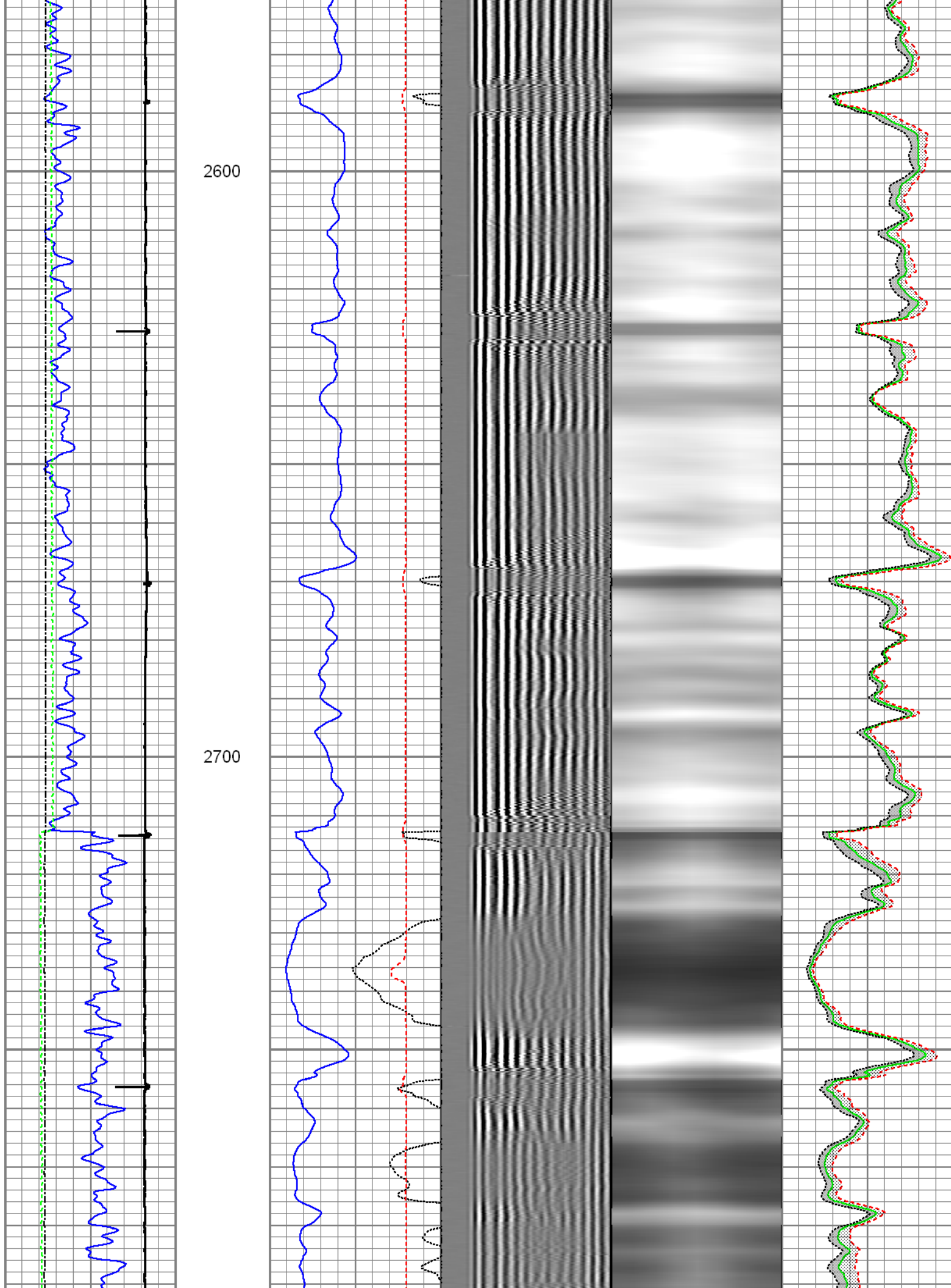






2600

2700

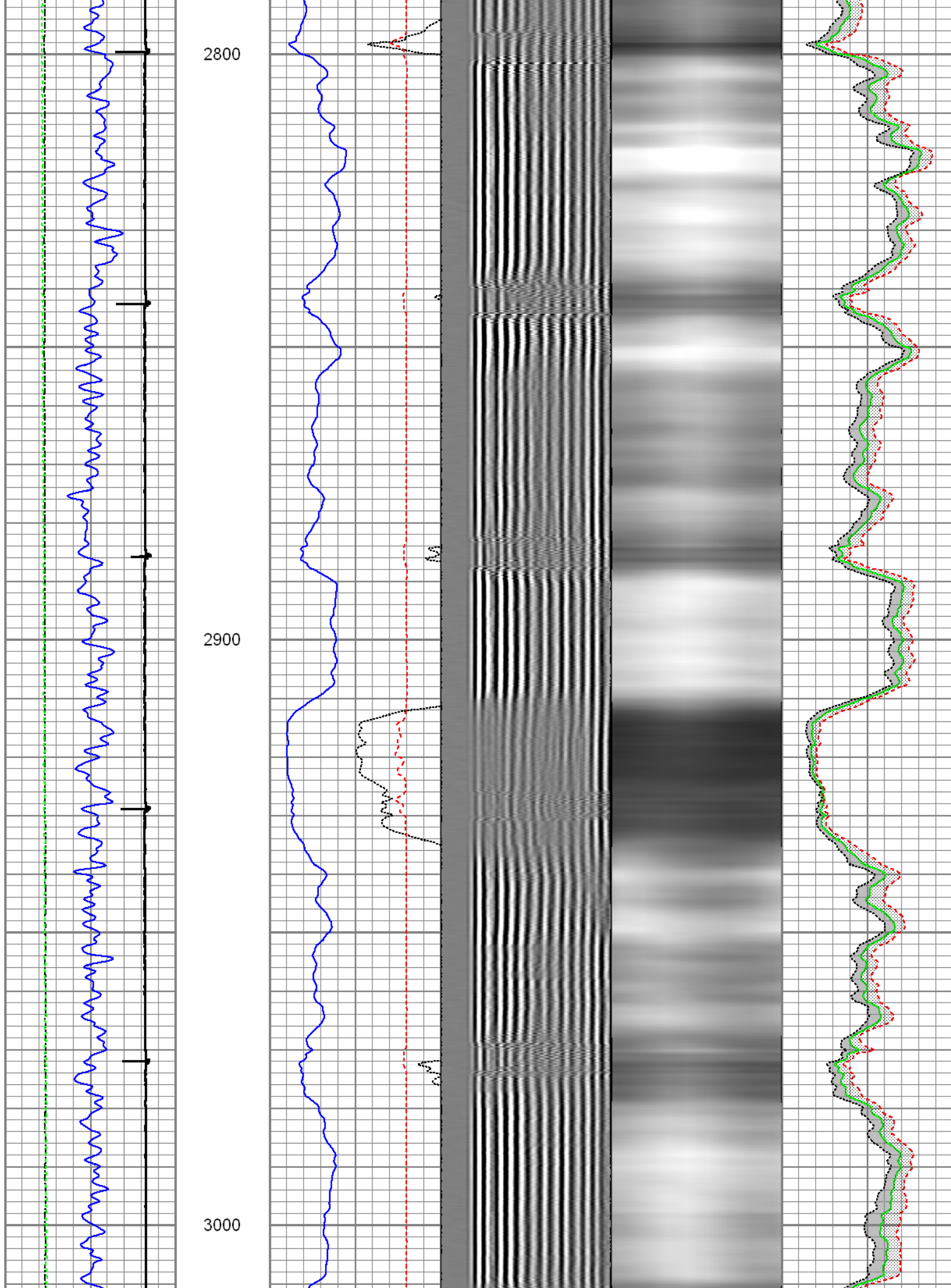


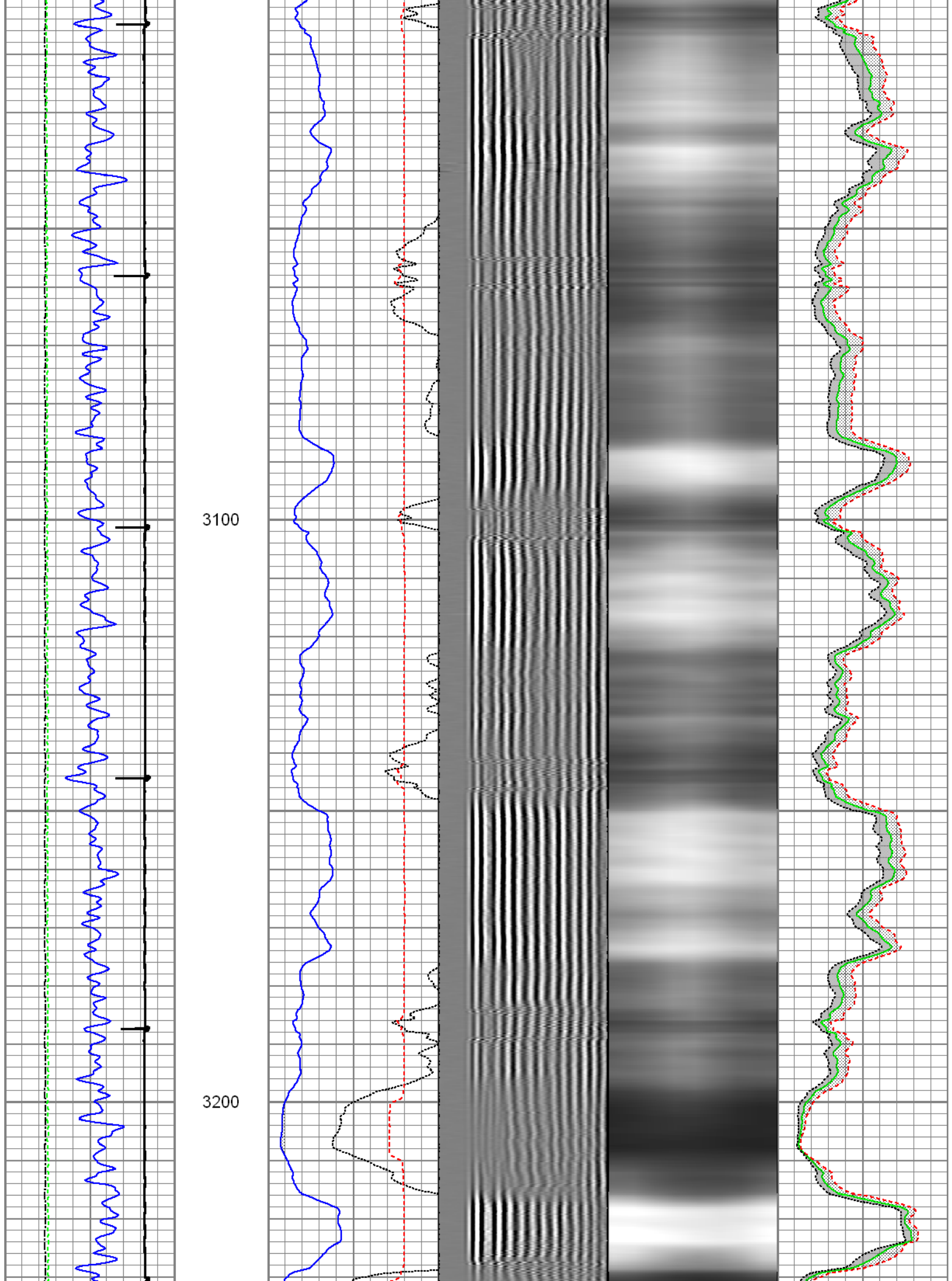


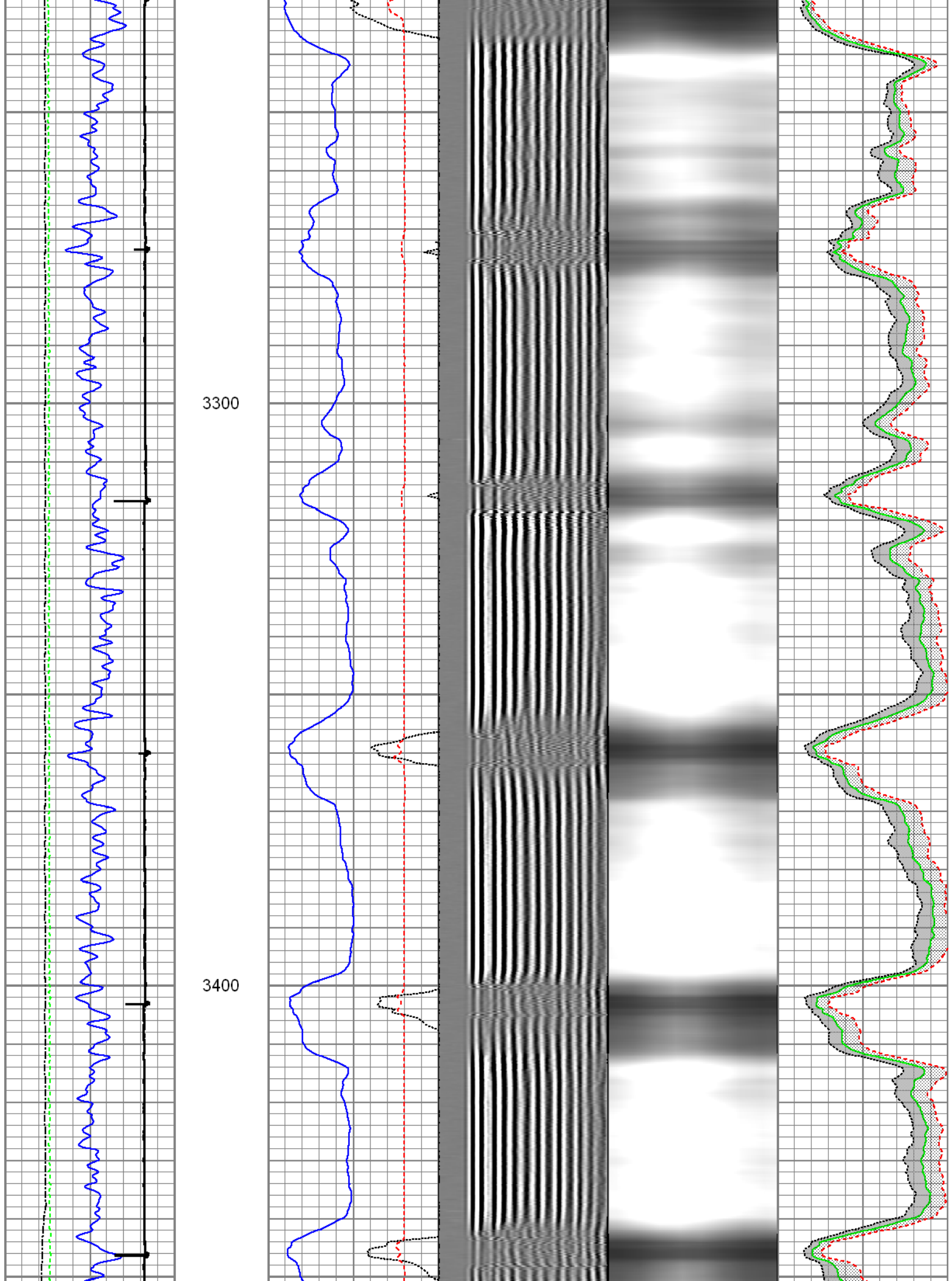
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2900

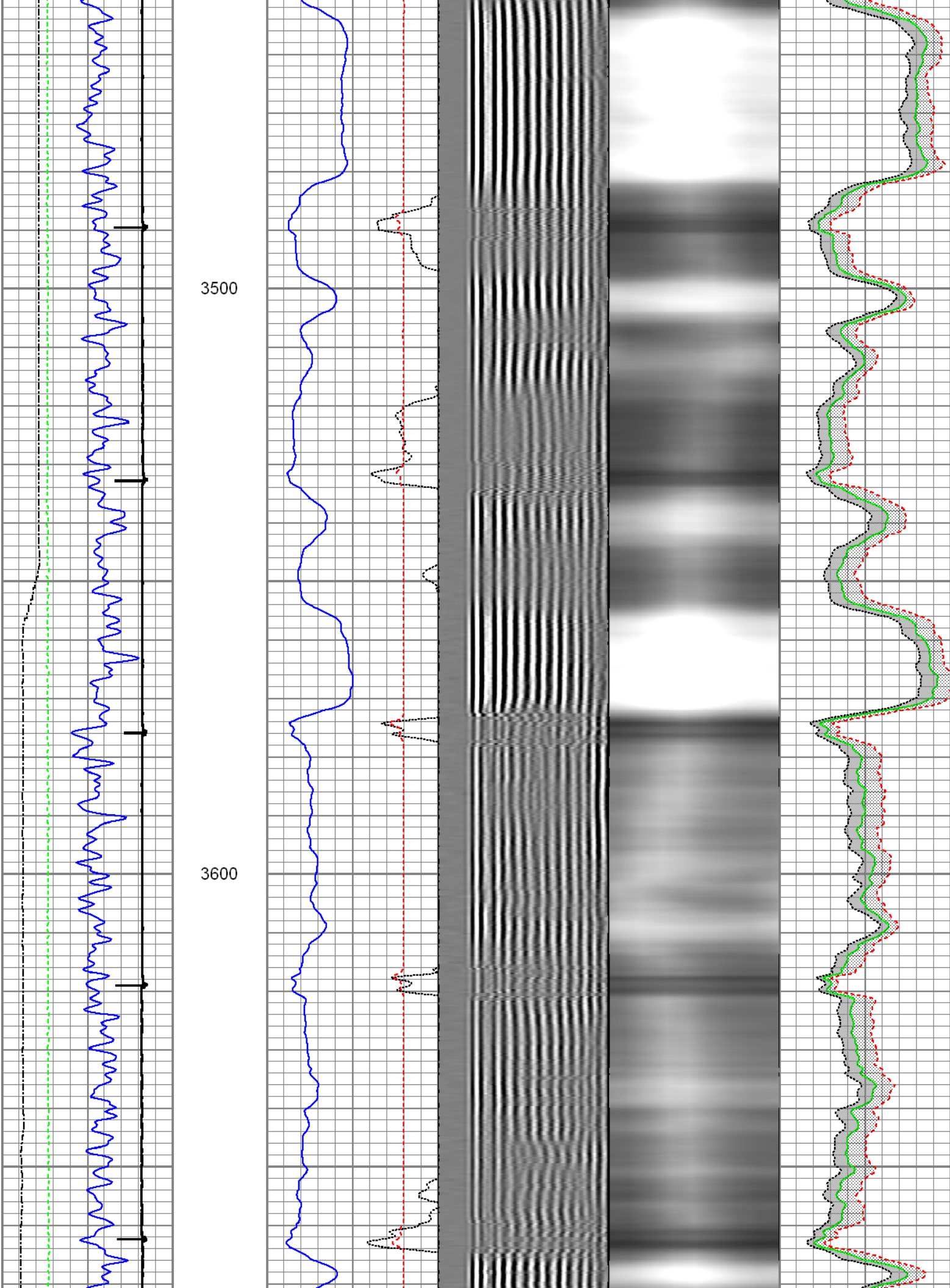
3000





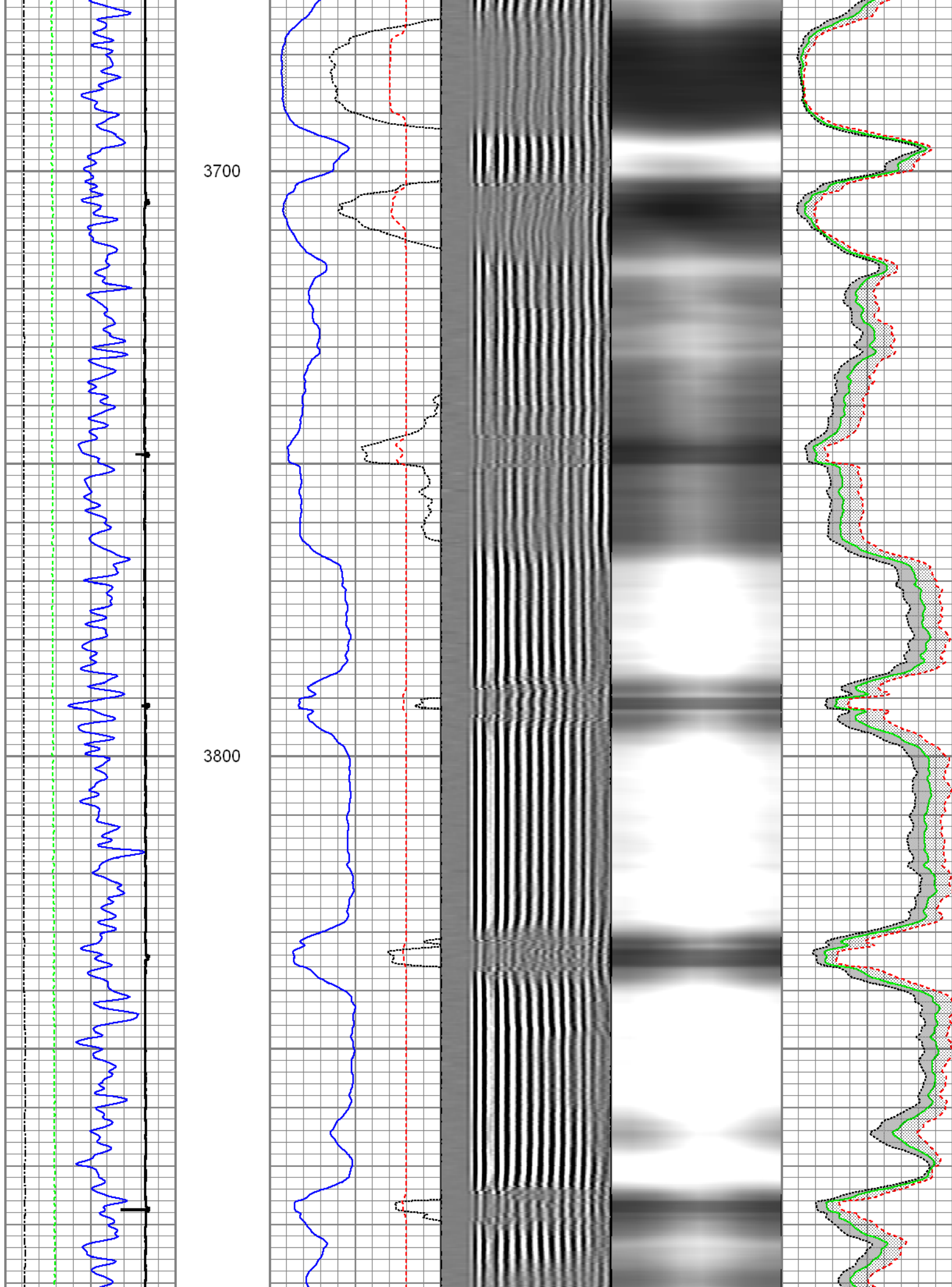






3700

3800

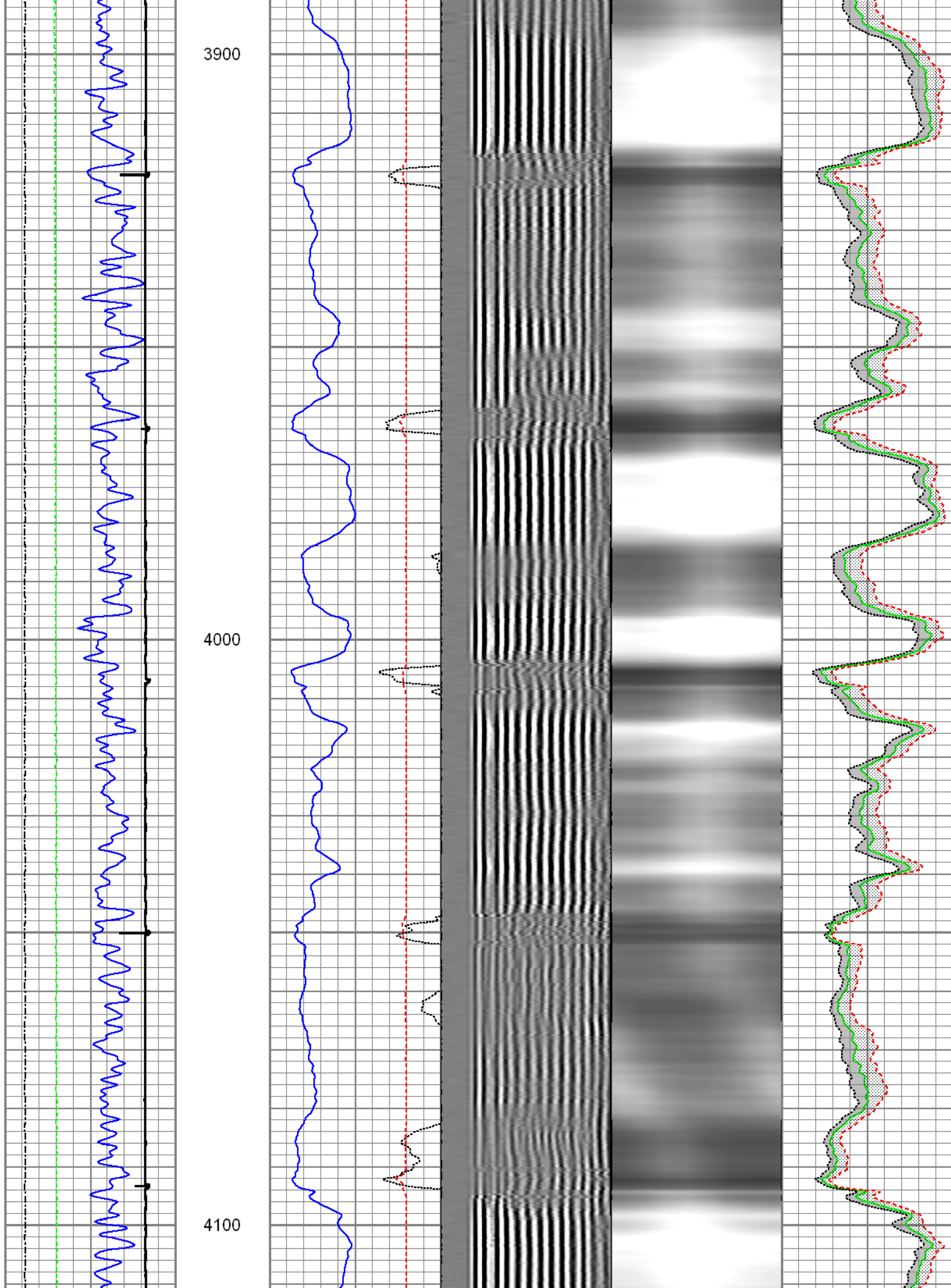


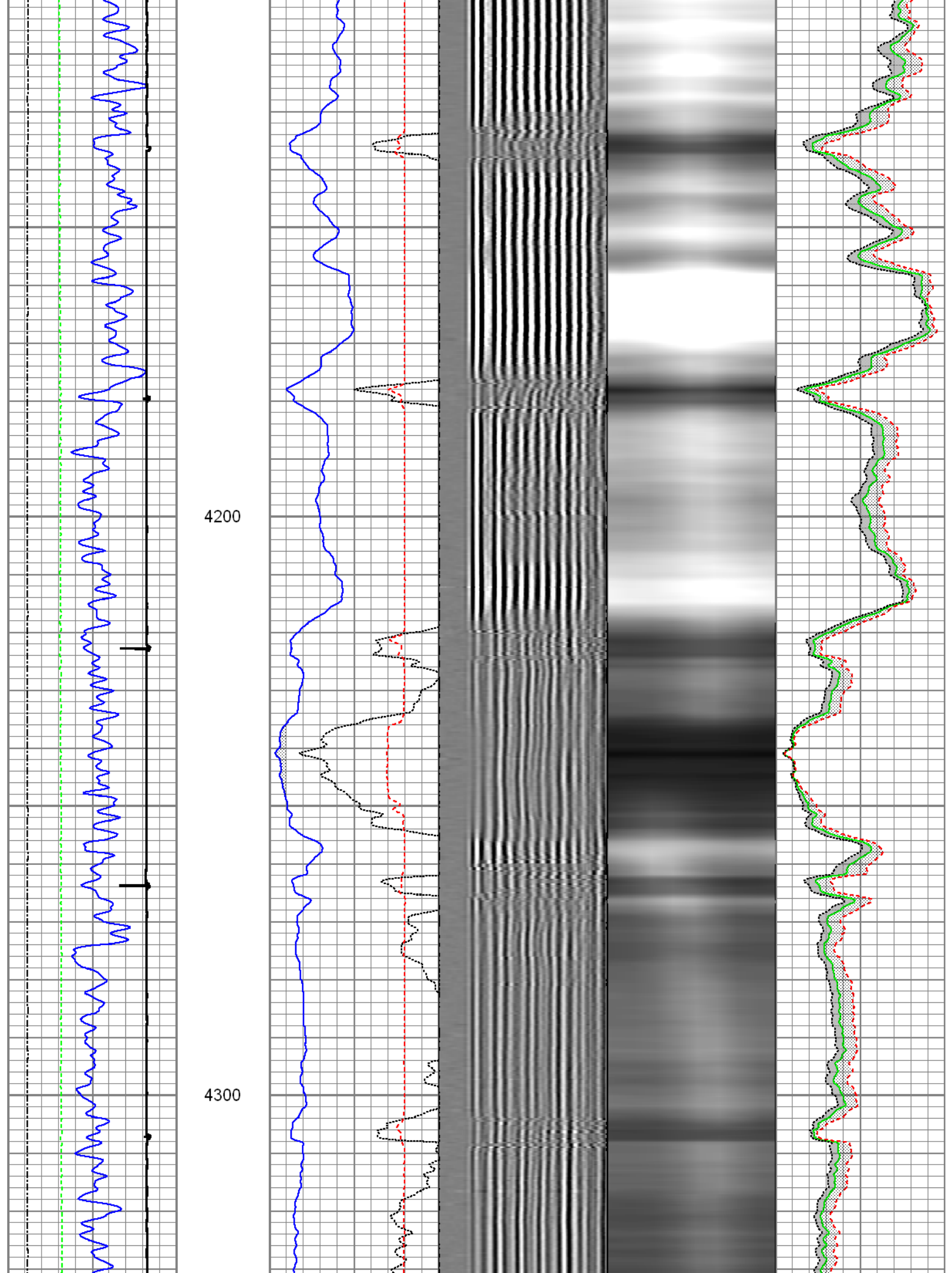


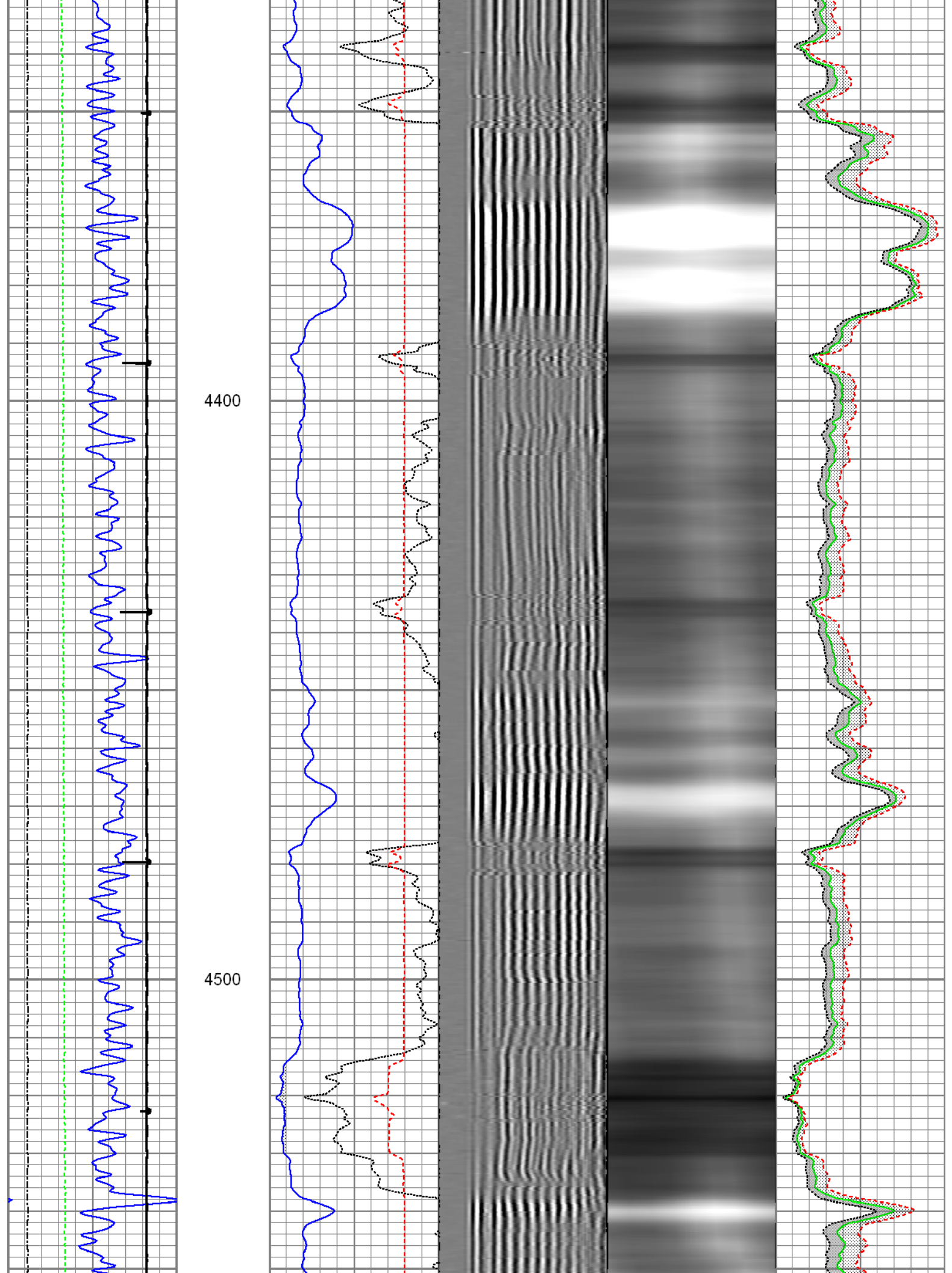
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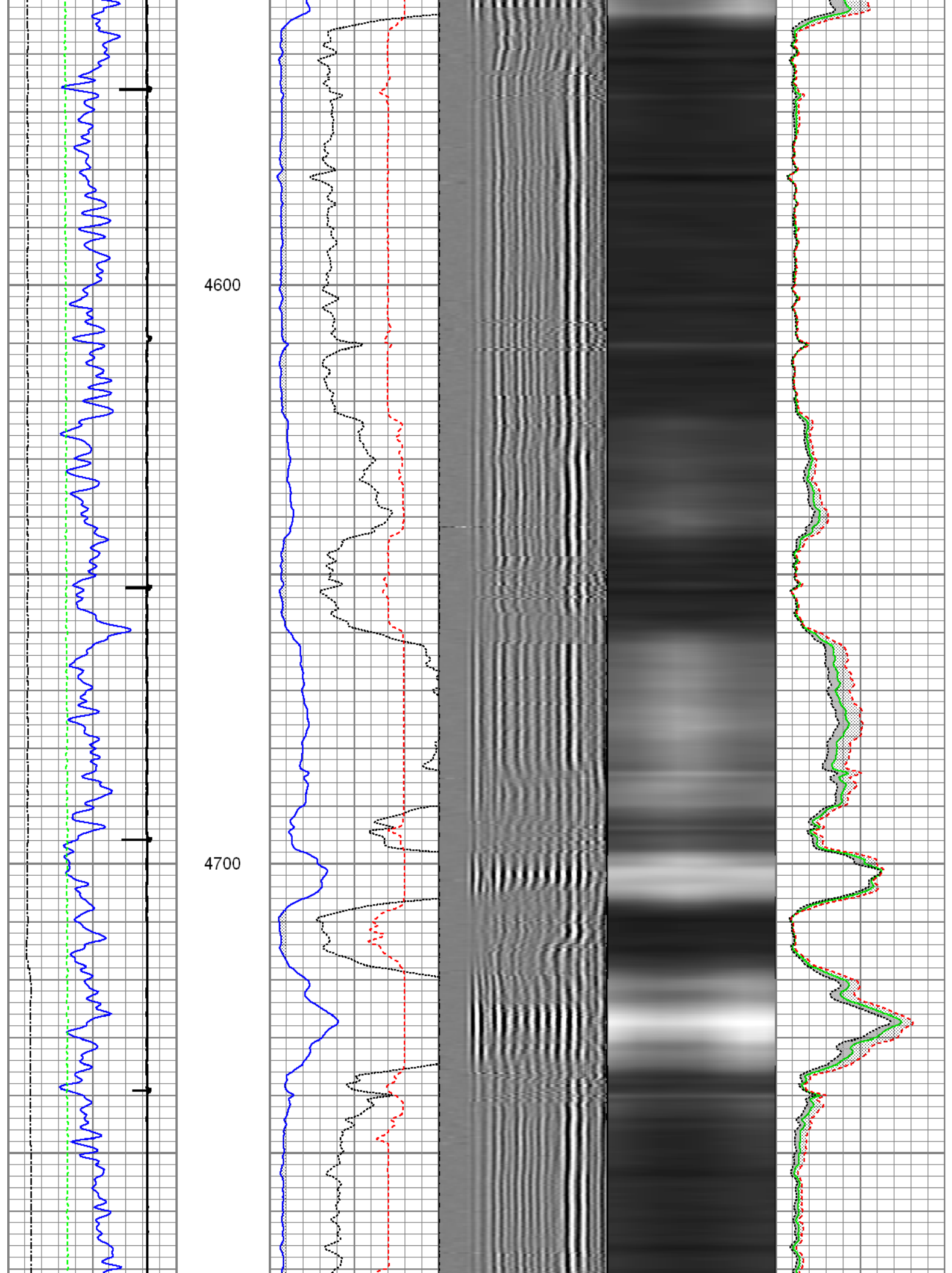
4000

4100

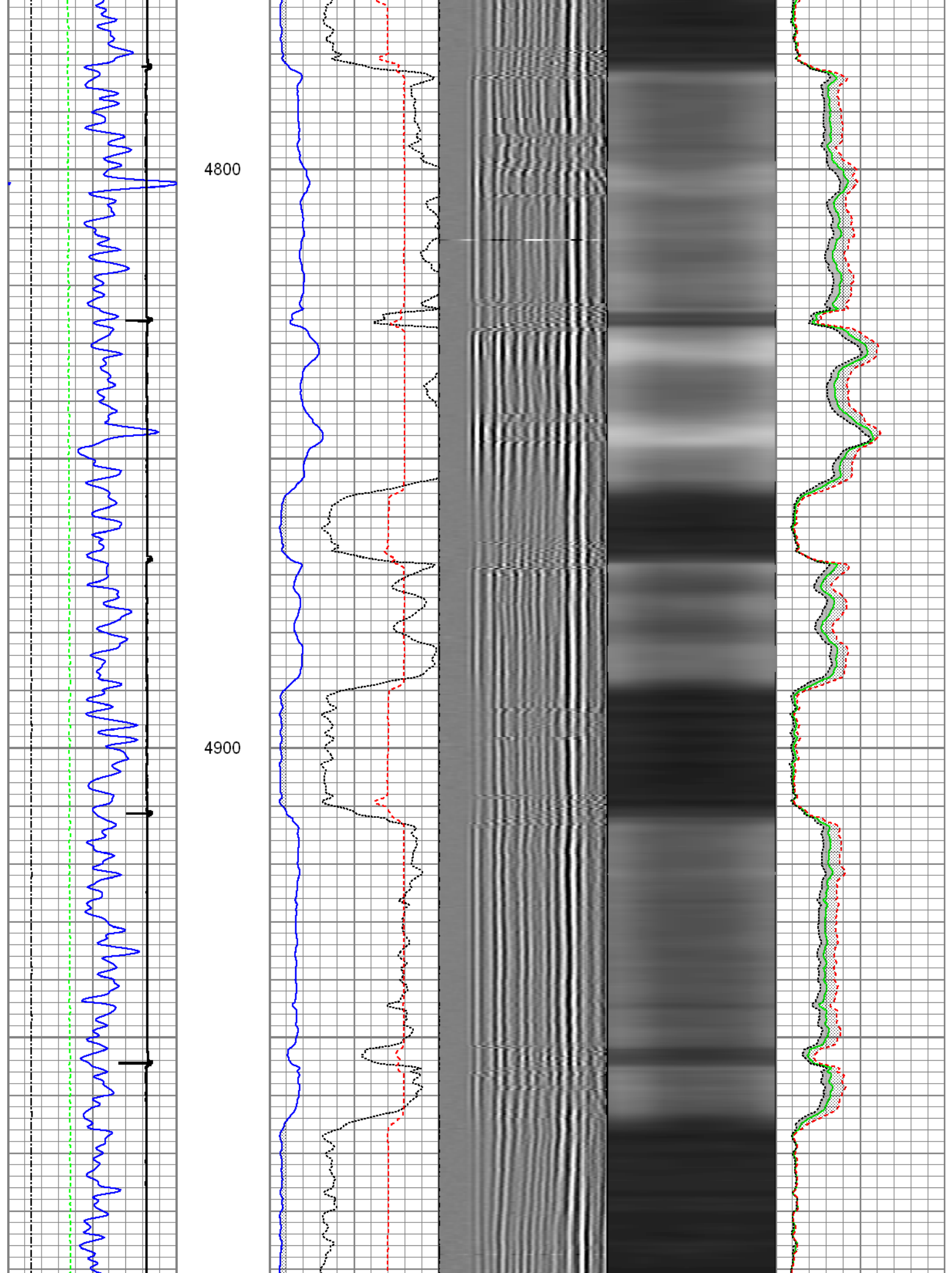




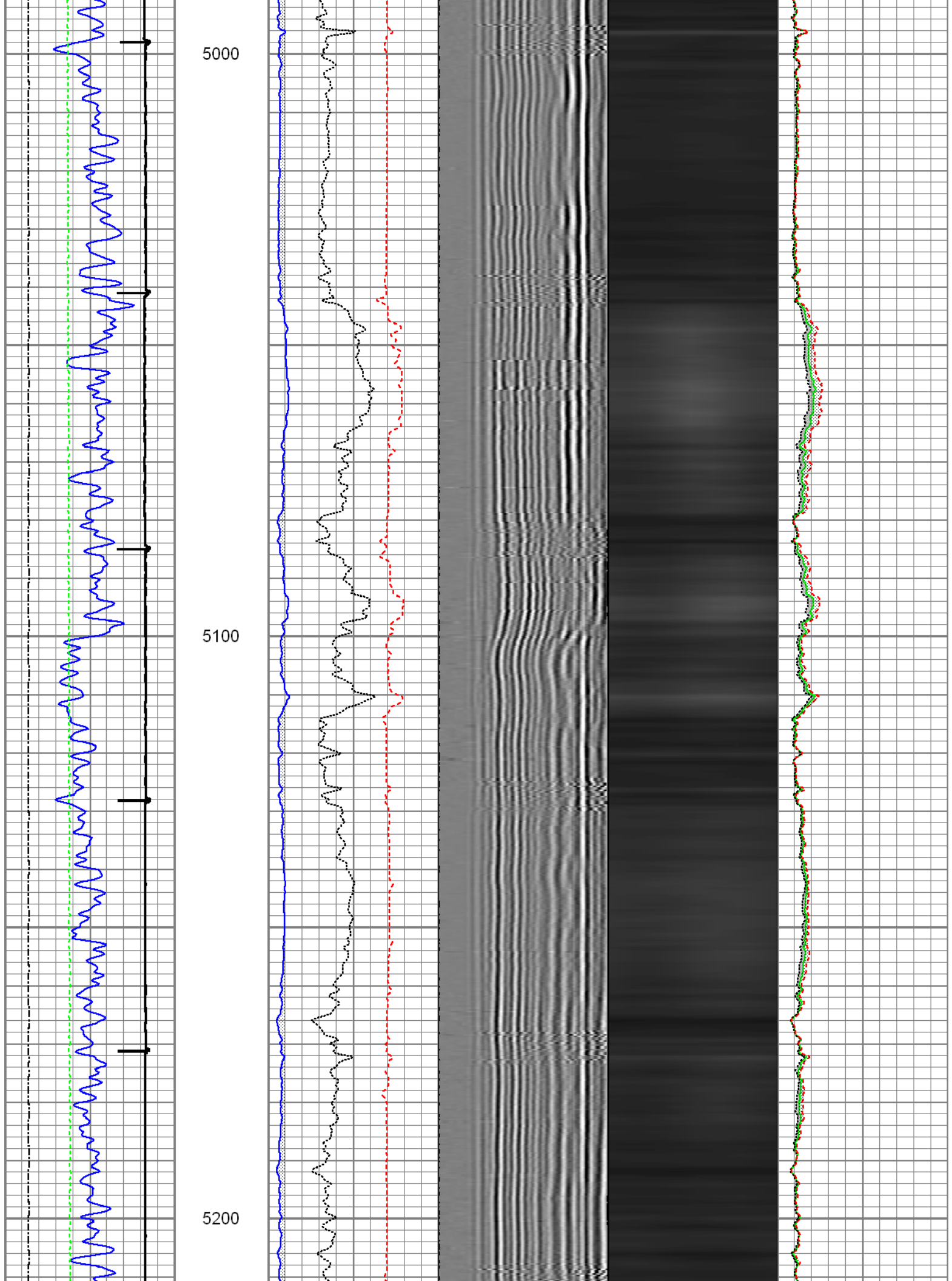


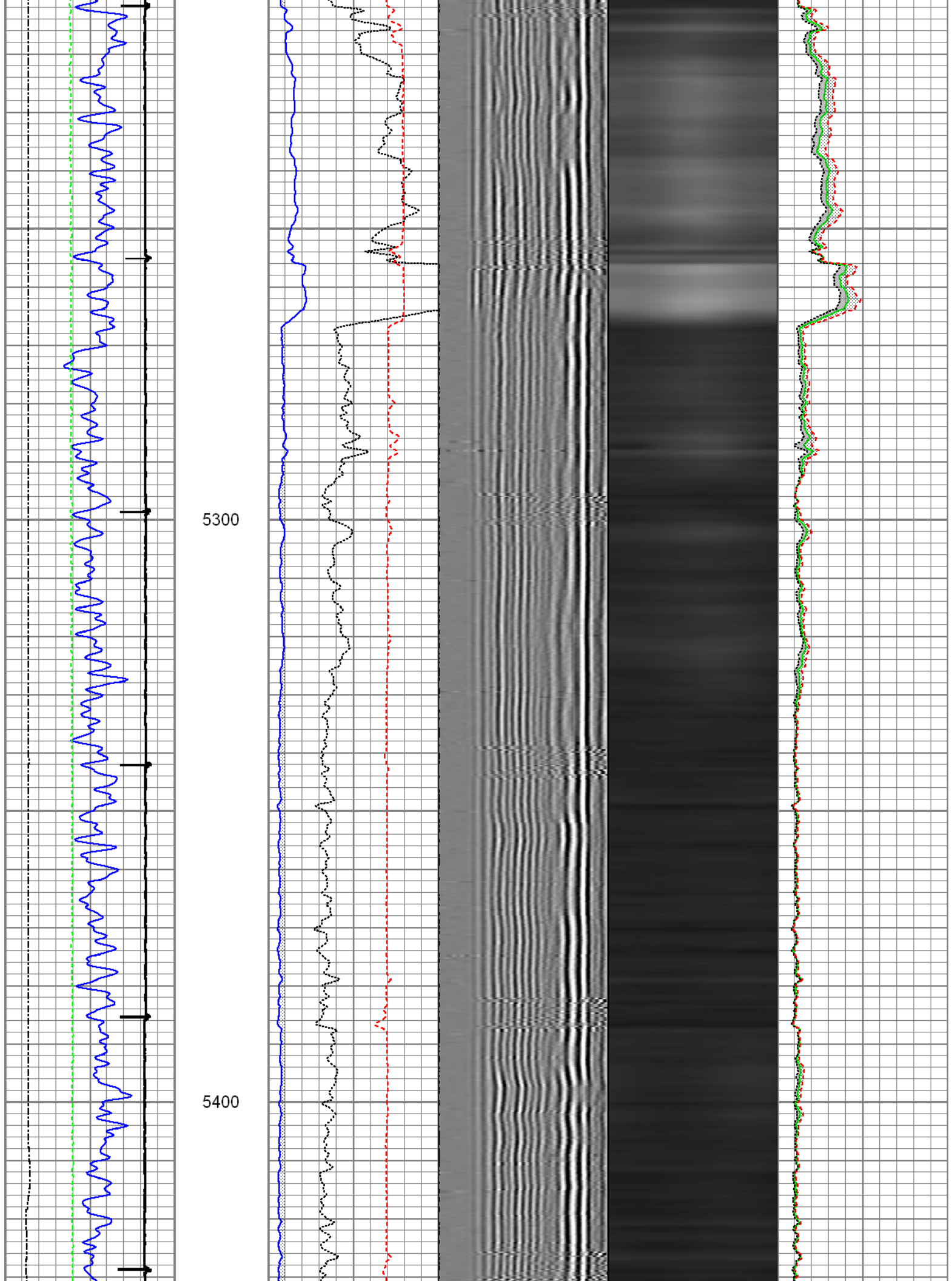


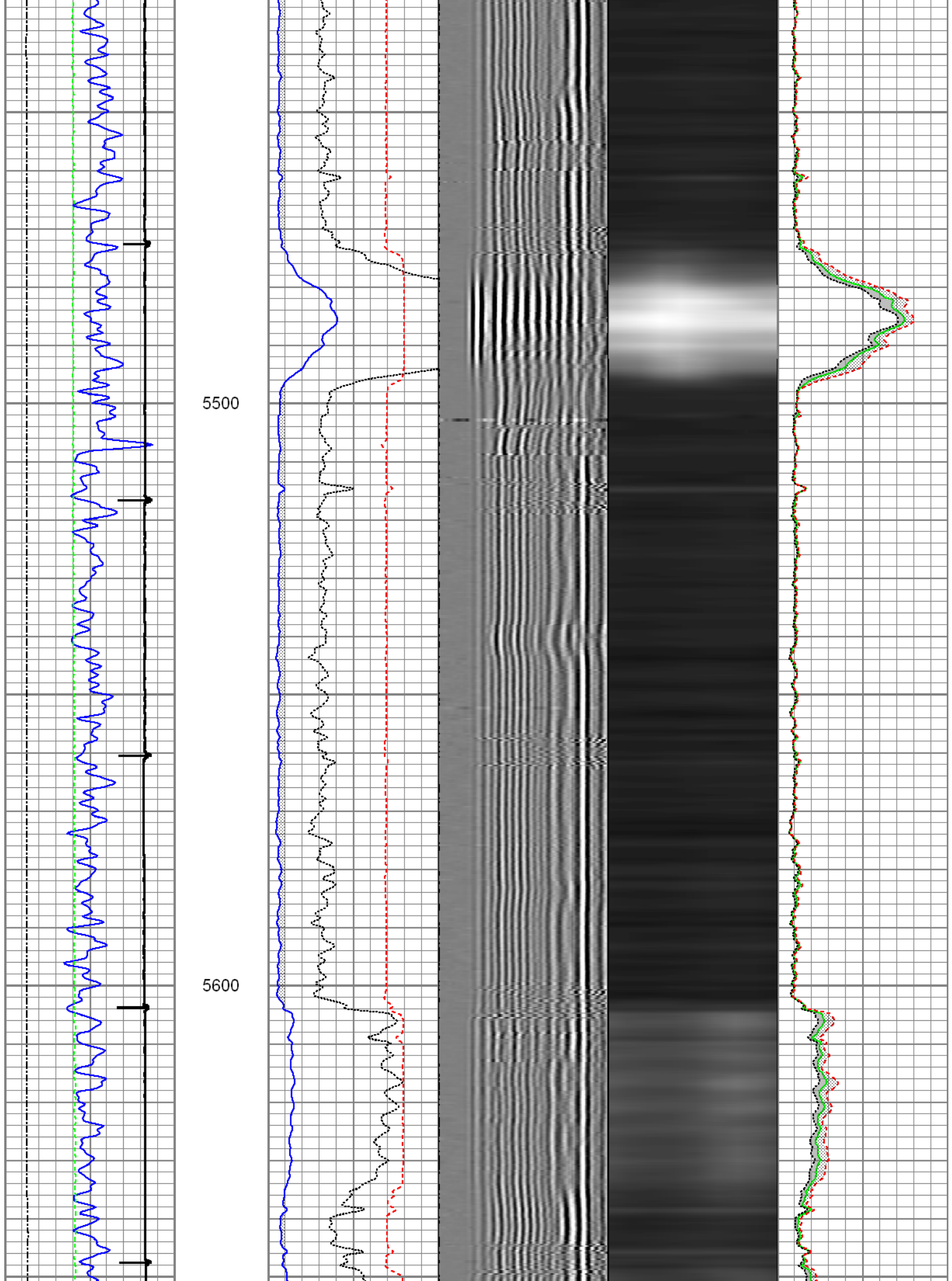






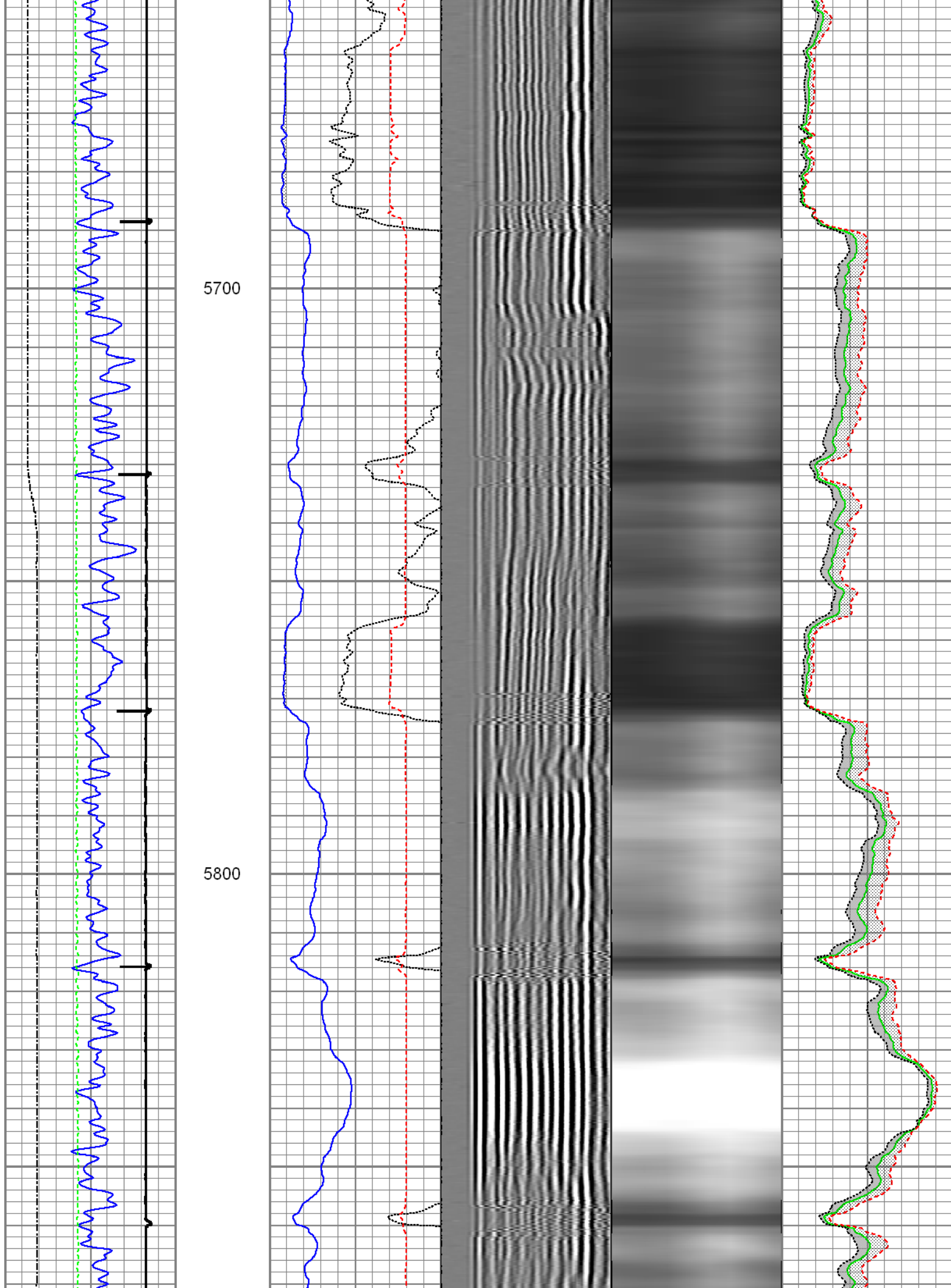




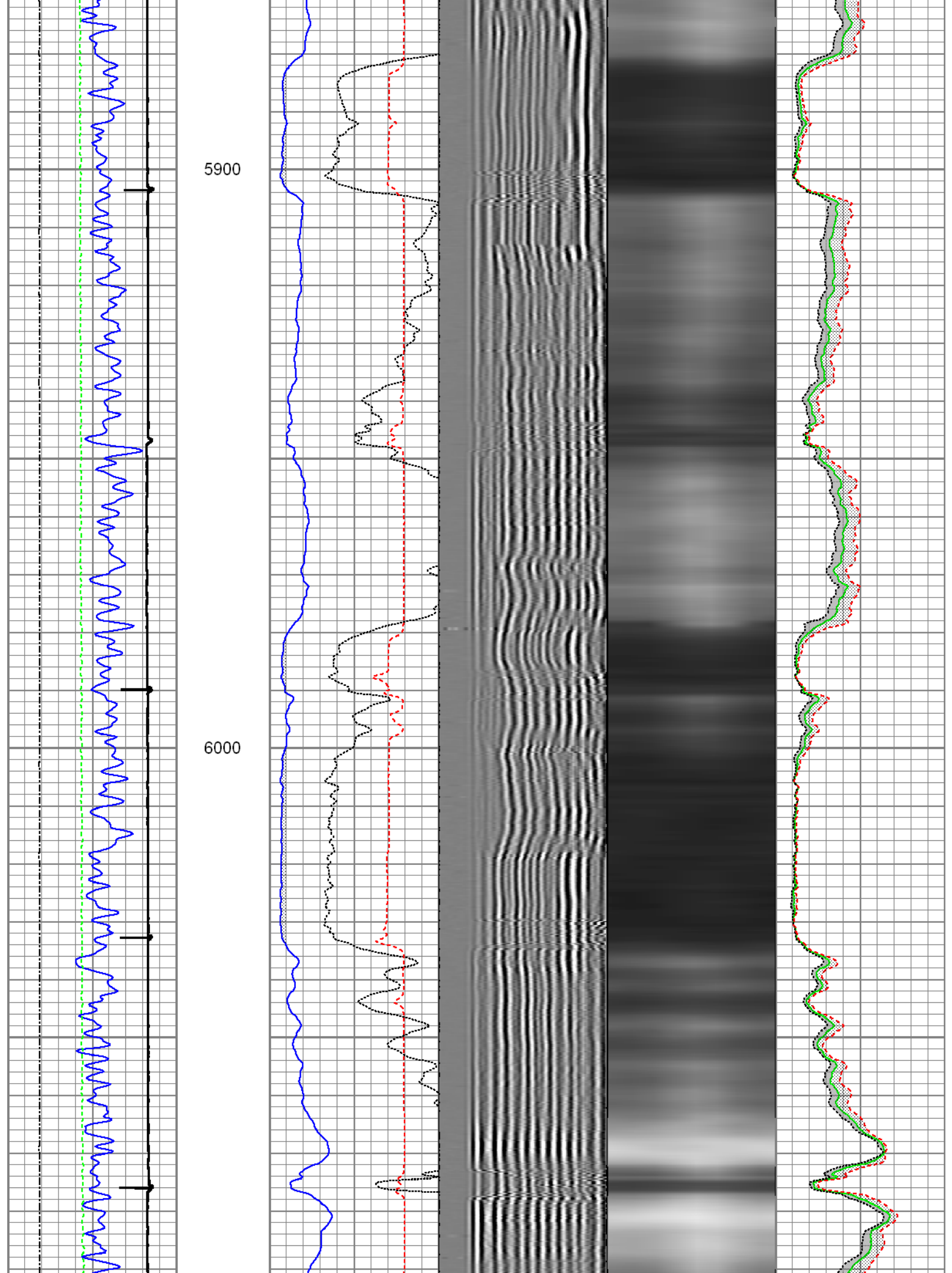


5700

5800



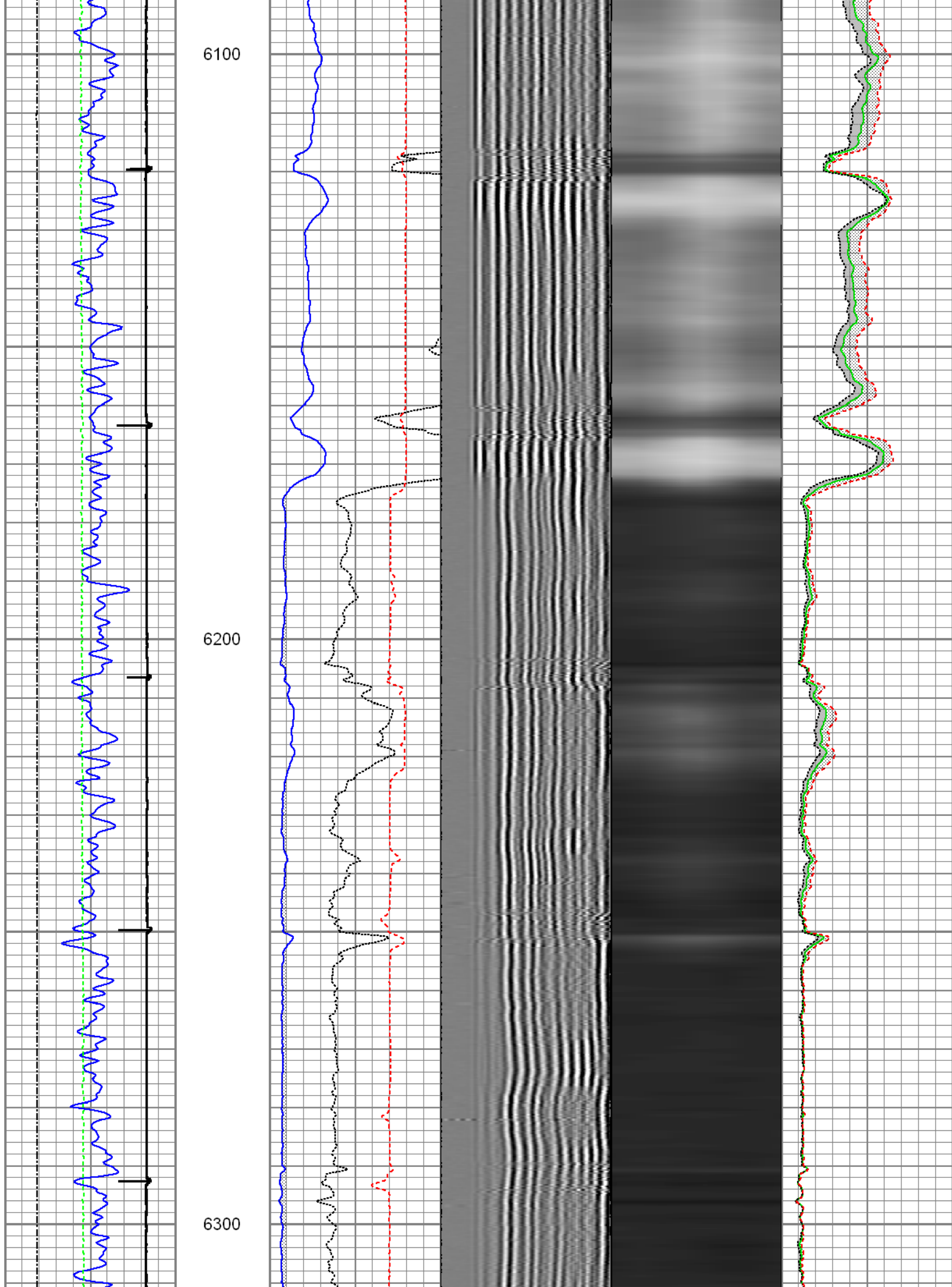




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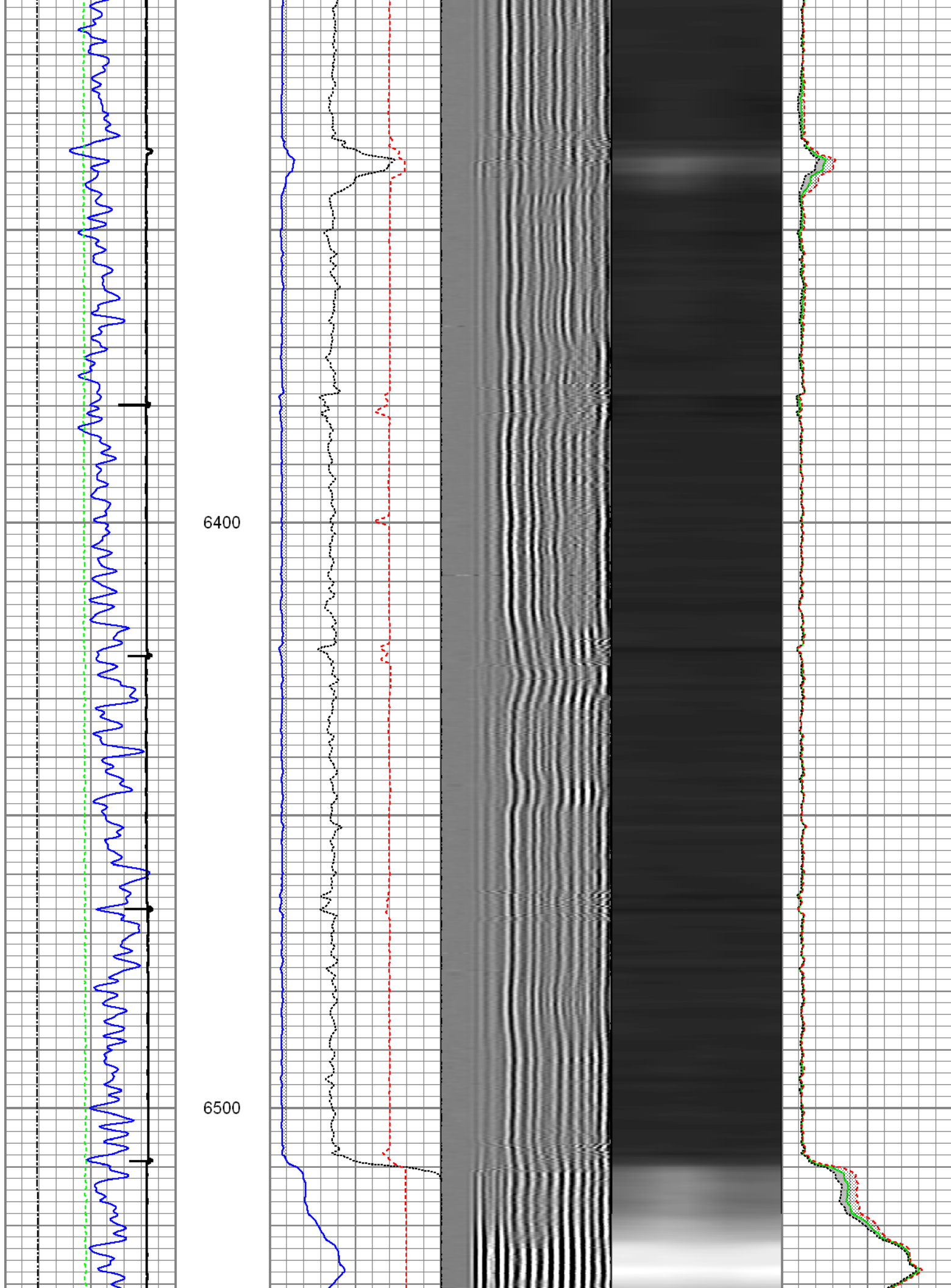
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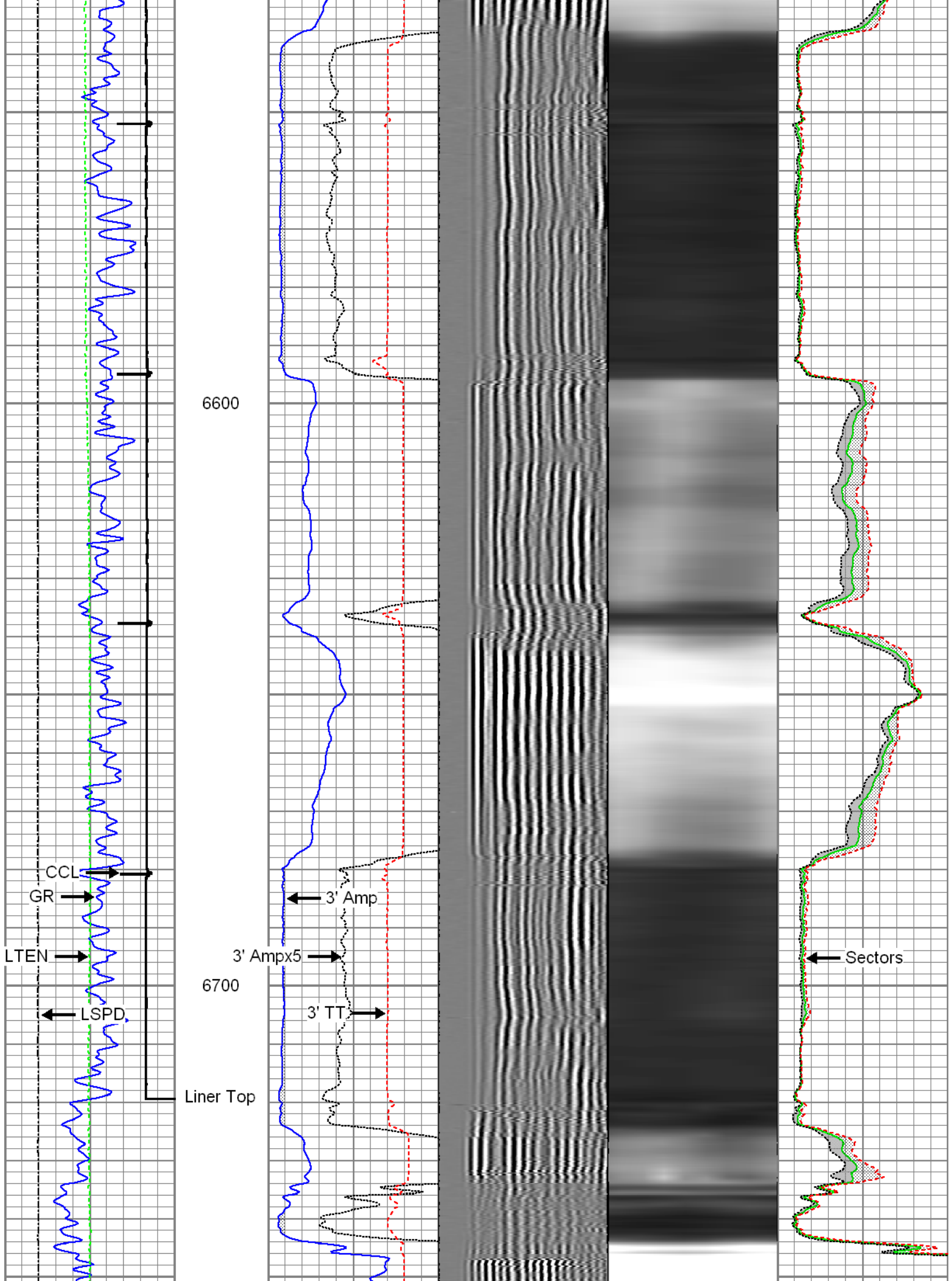
6300



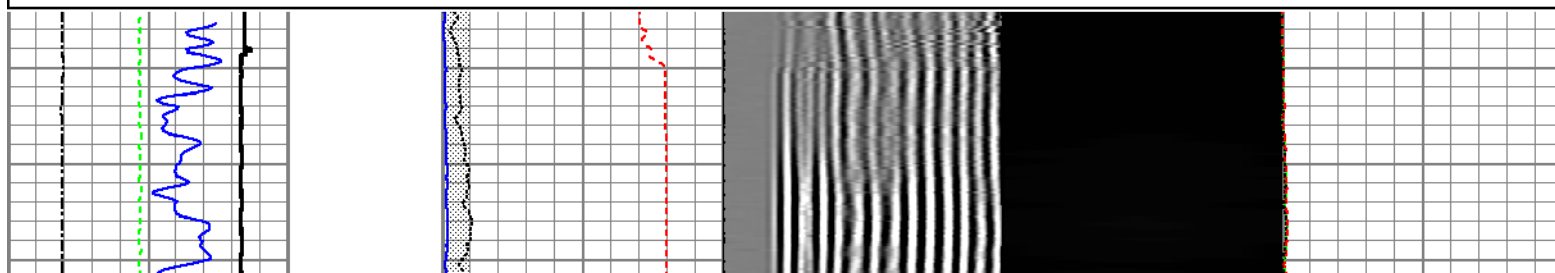
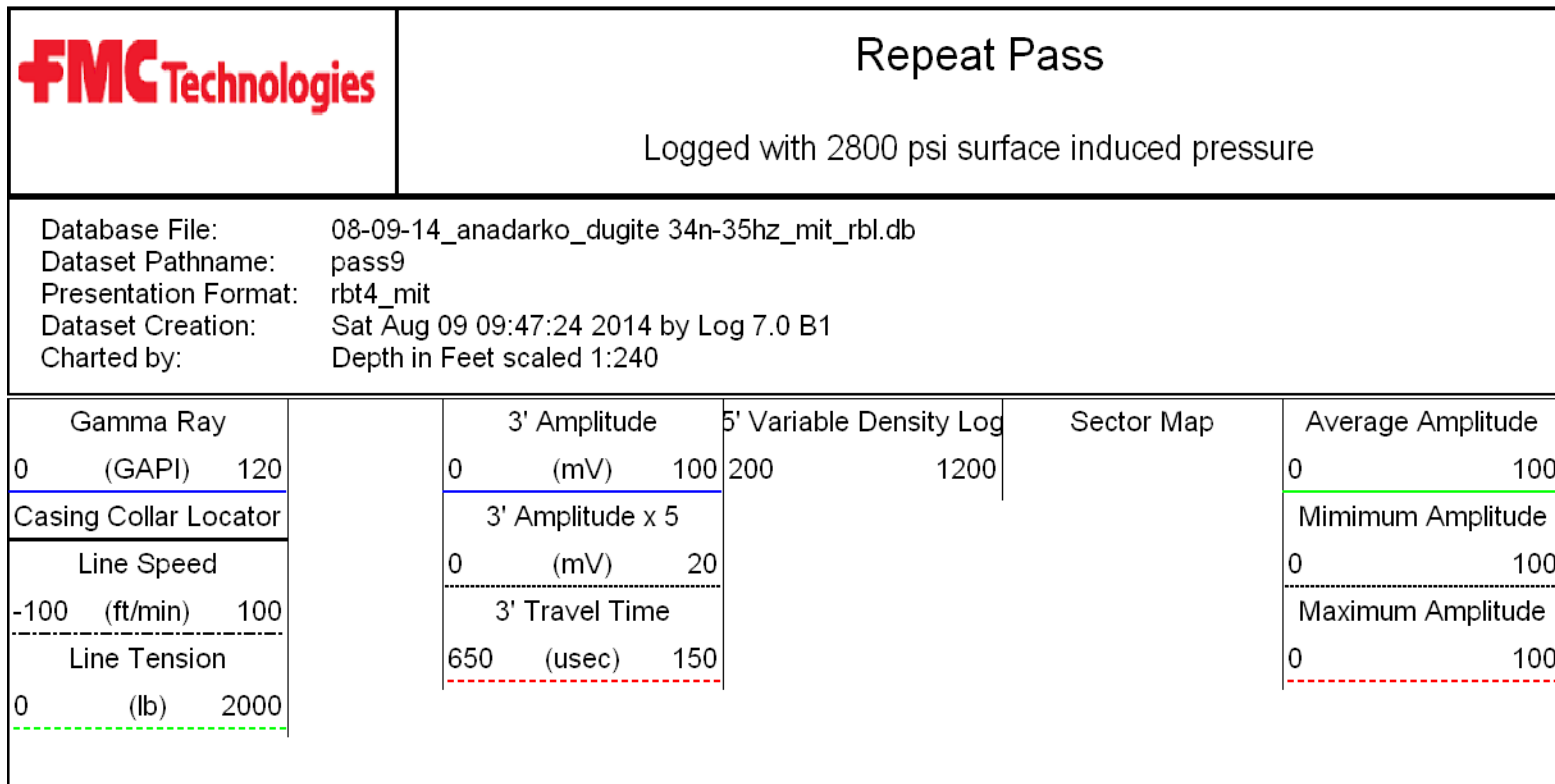
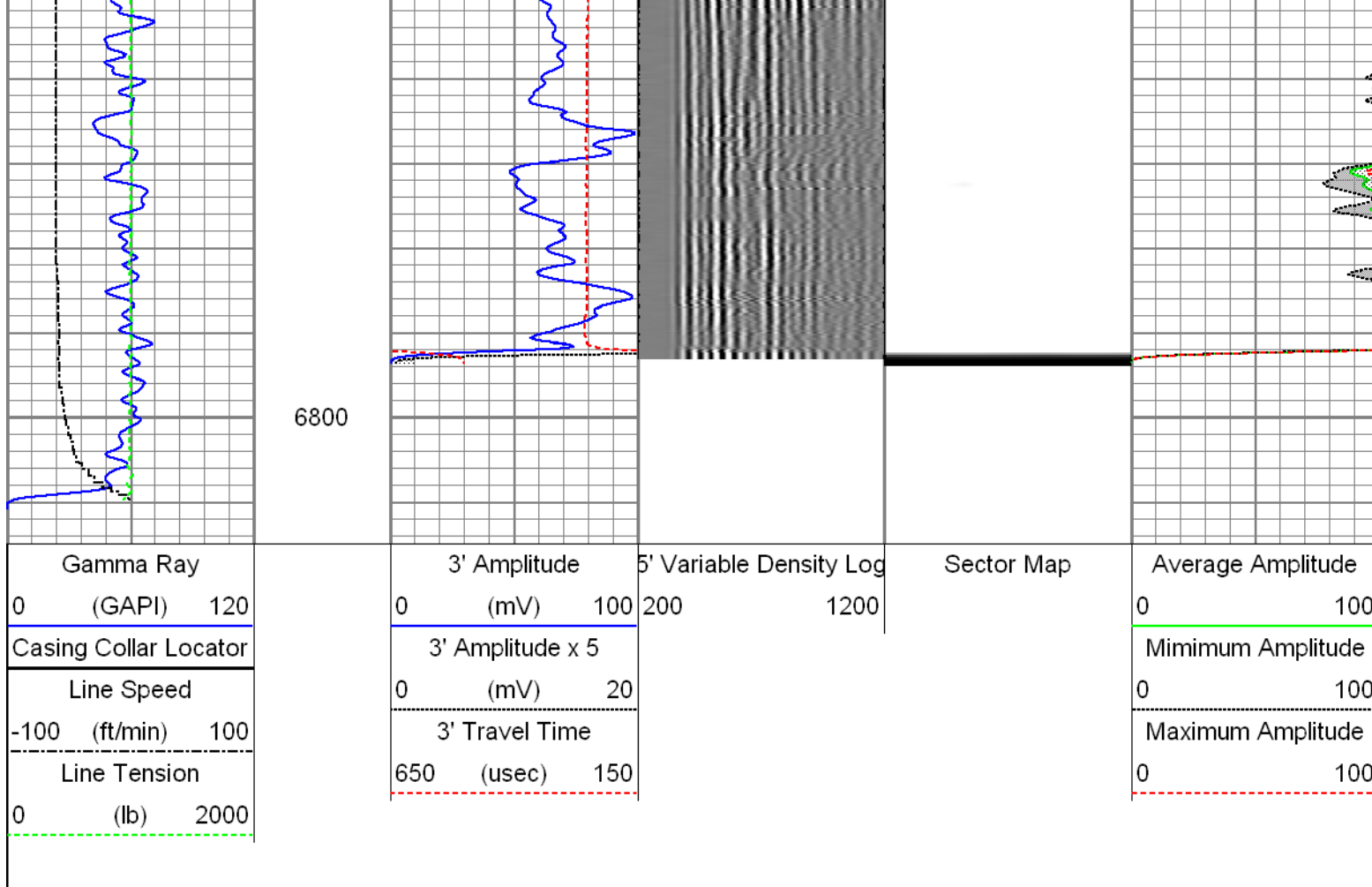
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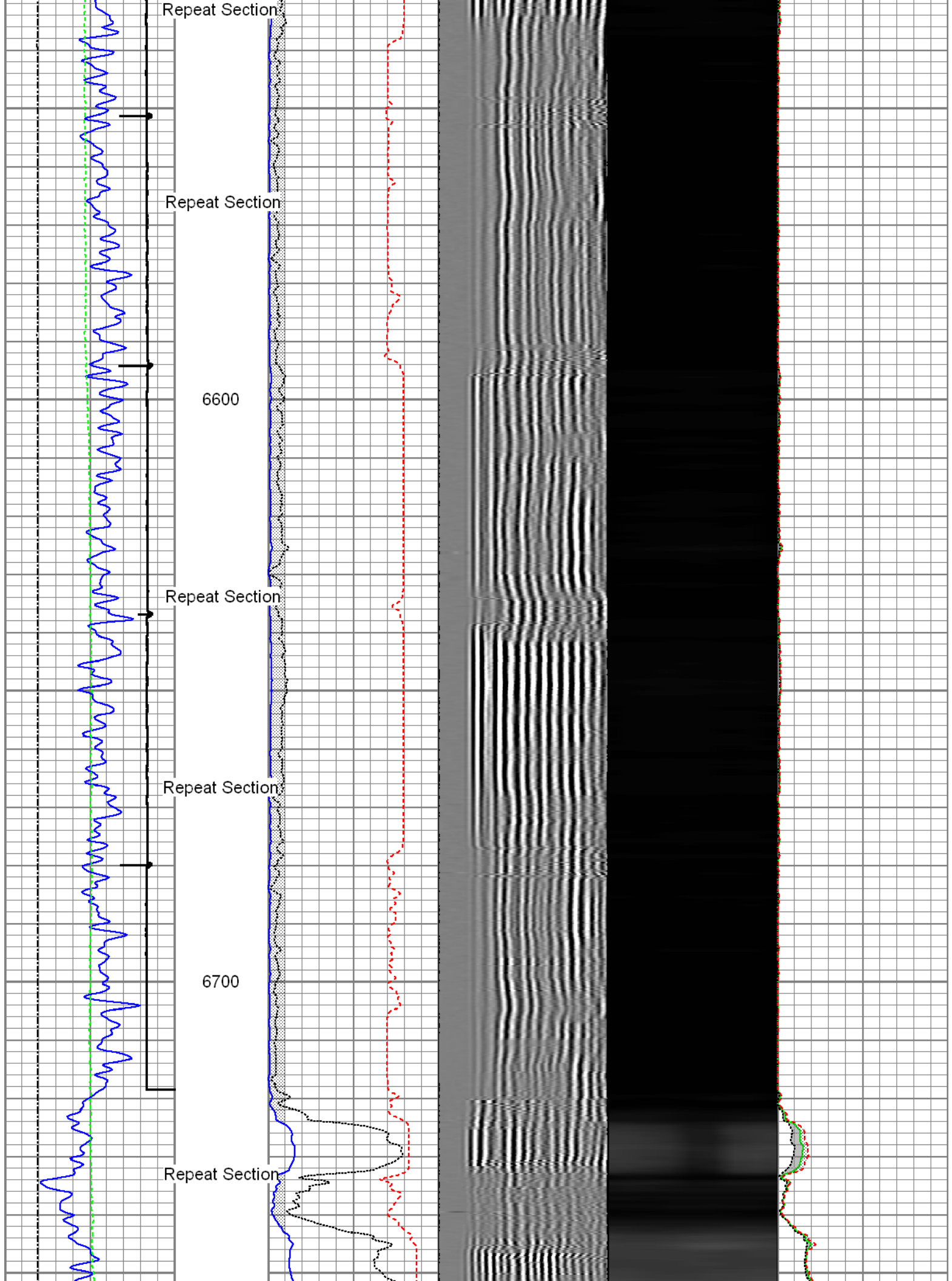
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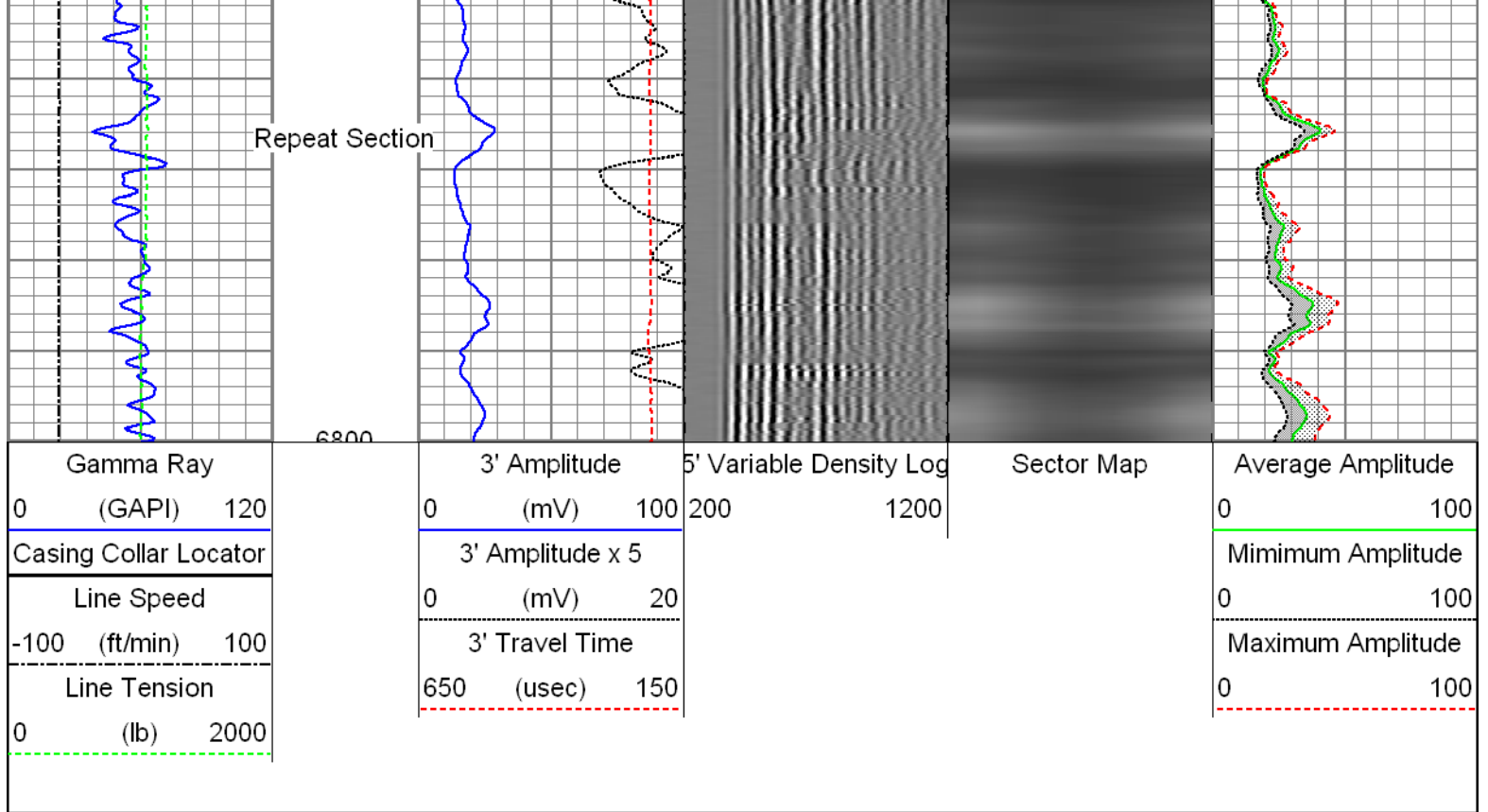




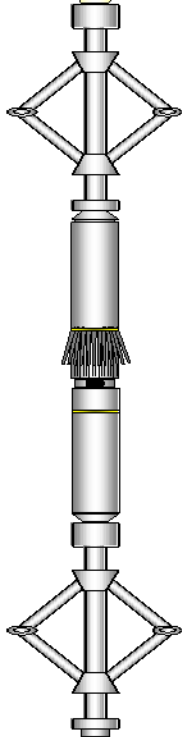








Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	23.24		T_CH14375_1_GO Titan 1-7/16" Assembled Electric Cable Head with 1" Fishing Neck	1.03	1.44	4.00
			UW_AGS-UW_AGS_001 (215017) Sondex Adapter - GO Box to Sondex Pin	0.21	1.69	1.00
			UW_XTU-UW_XTU_002 (10010519) Crossover Ultrawire Toolbus to Ultralink	1.58	1.69	6.50
			UW_PGR-UW_PGR_020 (050836) Production Gamma Ray	1.93	1.69	9.50
			UW_PRC #3 -DSSRAC (080) 2-3/4" DSS 5 Arm Roller Centralizer	2.55	2.75	32.00
WV3FT	15.85		UW_RBT-UW_RBT_004 (1066) Sondex Ultrawire 3-1/8" Radial Bond Tool	9.47	3.13	140.00
WVFS1	15.85					
WVFS2	15.85					
WVFS3	15.85					
WVFS4	15.85					
WVFS5	15.85					
WVFS6	15.85					
WVFS7	15.85					
WVFS8	15.85					
CBLTEMP	15.85					

CBLROT	15.85		UW_PRC #4 -UW_PRC_057 (1038) Sondex 2-3/4" 4-Arm Production Roller Centraliser	2.98	2.75	32.00
WVF5FT	14.85					
MIT	5.41		UW_MIT-UW_MIT40_027 (218949) 40 Multifinger Imaging Tool	4.54	2.75	61.10
			UW_PRC-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
<div>Dataset:08-09-14_anadarko_dugite 34n-35hz_mit_rbl.db: field/well/run1/merge1</div> <div>Total Length:27.49 ft</div> <div>Total Weight:319.30 lb</div> <div>O.D.3.13 in</div>						

Calibration Report			
Database File:	08-09-14_anadarko_dugite 34n-35hz_mit_rbl.db		
Dataset Pathname:	merge1		
Dataset Creation:	Sat Aug 09 14:49:30 2014		
Multi-finger Imaging Tool Calibration Report			
Serial Number:		218949	
Number of Fingers:		40	
Tool Model:		UW_MIT40_027	
Inclinometer Calibration Report			
Performed:		Mon, Oct, 06 14:03:04 2008	
Calibration Angle:		45	
		Inc X	Inc Y
Vertical:		1996	1984
Finger 1 up:		1780	1738
Finger 31 up:		2235	1756
Finger 21 up:		2216	2228
Finger 11 up:		1736	2196
Sensitivity ratio:	1.0062		
X-axis angle:	131.534		
Deviation const.:	331.322		

Finger Calibration Report										
Performed: Sat Aug 09 08:54:52 2014										
Ring size:	5.5	5.75	6	6.25	6.5	6.75				
(in)										
	Sens	Sens	Sens	Sens	Sens	Sens				
Finger 01:	1793	320.0	1873	192.0	1921	284.0	1992	276.0	2061	260.0
Finger 02:	1777	328.0	1859	196.0	1908	284.0	1979	288.0	2051	264.0
Finger 03:	1736	328.0	1818	204.0	1869	288.0	1941	296.0	2015	280.0
Finger 04:	1751	328.0	1833	208.0	1885	292.0	1958	300.0	2033	292.0
Finger 05:	1746	332.0	1829	216.0	1883	292.0	1956	304.0	2032	292.0
Finger 06:	1750	332.0	1830	216.0	1884	292.0	1957	304.0	2034	292.0



Finger 06:	1750	320.0	1830	216.0	1884	292.0	1957	296.0	2031	304.0	2107
Finger 07:	1789	296.0	1863	216.0	1917	276.0	1986	288.0	2058	292.0	2131
Finger 08:	1763	312.0	1841	244.0	1902	288.0	1974	308.0	2051	312.0	2129
Finger 09:	1790	292.0	1863	240.0	1923	272.0	1991	288.0	2063	300.0	2138
Finger 10:	1775	288.0	1847	264.0	1913	280.0	1983	296.0	2057	312.0	2135
Finger 11:	1775	284.0	1846	272.0	1914	280.0	1984	296.0	2058	316.0	2137
Finger 12:	1789	280.0	1859	284.0	1930	280.0	2000	296.0	2074	320.0	2154
Finger 13:	1803	260.0	1868	284.0	1939	268.0	2006	284.0	2077	308.0	2154
Finger 14:	1761	288.0	1833	312.0	1911	292.0	1984	304.0	2060	336.0	2144
Finger 15:	1788	268.0	1855	328.0	1937	288.0	2009	296.0	2083	328.0	2165
Finger 16:	1751	280.0	1821	344.0	1907	300.0	1982	304.0	2058	332.0	2141
Finger 17:	1799	252.0	1862	328.0	1944	272.0	2012	292.0	2085	300.0	2160
Finger 18:	1810	268.0	1877	352.0	1965	284.0	2036	300.0	2111	320.0	2191
Finger 19:	1791	272.0	1859	356.0	1948	292.0	2021	296.0	2095	324.0	2176
Finger 20:	1813	264.0	1879	352.0	1967	288.0	2039	276.0	2108	308.0	2185
Finger 21:	1808	280.0	1878	368.0	1970	304.0	2046	296.0	2120	316.0	2199
Finger 22:	1802	268.0	1869	356.0	1958	296.0	2032	284.0	2103	308.0	2180
Finger 23:	1830	248.0	1892	328.0	1974	272.0	2042	256.0	2106	276.0	2175
Finger 24:	1799	284.0	1870	368.0	1962	296.0	2036	284.0	2107	304.0	2183
Finger 25:	1818	276.0	1887	356.0	1976	288.0	2048	276.0	2117	288.0	2189
Finger 26:	1774	292.0	1847	360.0	1937	304.0	2013	284.0	2084	296.0	2158
Finger 27:	1832	276.0	1901	332.0	1984	288.0	2056	272.0	2124	268.0	2191
Finger 28:	1812	288.0	1884	316.0	1963	288.0	2035	268.0	2102	256.0	2166
Finger 29:	1829	304.0	1905	312.0	1983	300.0	2058	272.0	2126	272.0	2194
Finger 30:	1560	328.0	1642	328.0	1724	324.0	1805	296.0	1879	288.0	1951
Finger 31:	1746	300.0	1821	268.0	1888	288.0	1960	256.0	2024	248.0	2086
Finger 32:	1770	336.0	1854	288.0	1926	316.0	2005	288.0	2077	272.0	2145
Finger 33:	1751	364.0	1842	292.0	1915	340.0	2000	312.0	2078	288.0	2150
Finger 34:	1814	304.0	1890	224.0	1946	280.0	2016	260.0	2081	220.0	2136
Finger 35:	1806	328.0	1888	228.0	1945	296.0	2019	272.0	2087	248.0	2149
Finger 36:	1792	332.0	1875	224.0	1931	296.0	2005	276.0	2074	256.0	2138
Finger 37:	1782	328.0	1864	212.0	1917	292.0	1990	280.0	2060	244.0	2121
Finger 38:	1778	336.0	1862	212.0	1915	296.0	1989	288.0	2061	260.0	2126
Finger 39:	1761	348.0	1848	212.0	1901	300.0	1976	292.0	2049	276.0	2118
Finger 40:	1783	328.0	1865	200.0	1915	288.0	1987	280.0	2057	256.0	2121

# Segmented Cement Bond Log Calibration Report

Serial Number: 1066  
Tool Model: UW\_RBT\_004

Calibration Casing Diameter:	5.500	in
Calibration Depth:	96.411	ft

Master Calibration, performed Sat Jul 12 13:27:12 2014:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	0.004	0.761	0.800	62.200	81.062	0.500
5FT	-0.002	0.774	0.800	62.200	79.126	0.993
S1	0.005	0.723	0.000	100.000	139.223	-0.680
S2	0.004	0.736	0.000	100.000	136.620	-0.500
S3	0.004	0.754	0.000	100.000	133.221	-0.488
S4	0.003	0.785	0.000	100.000	127.765	-0.342
S5	0.004	0.797	0.000	100.000	126.052	-0.462
S6	0.003	0.798	0.000	100.000	125.658	-0.337
S7	0.004	0.789	0.000	100.000	127.352	-0.466
S8	0.004	0.752	0.000	100.000	133.582	-0.509

# 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	Kerr McGee Oil & Gas Onshore LP
Well	Dugite 34N-35HZ
Field	Wattenberg
County	Weld
State	Colorado