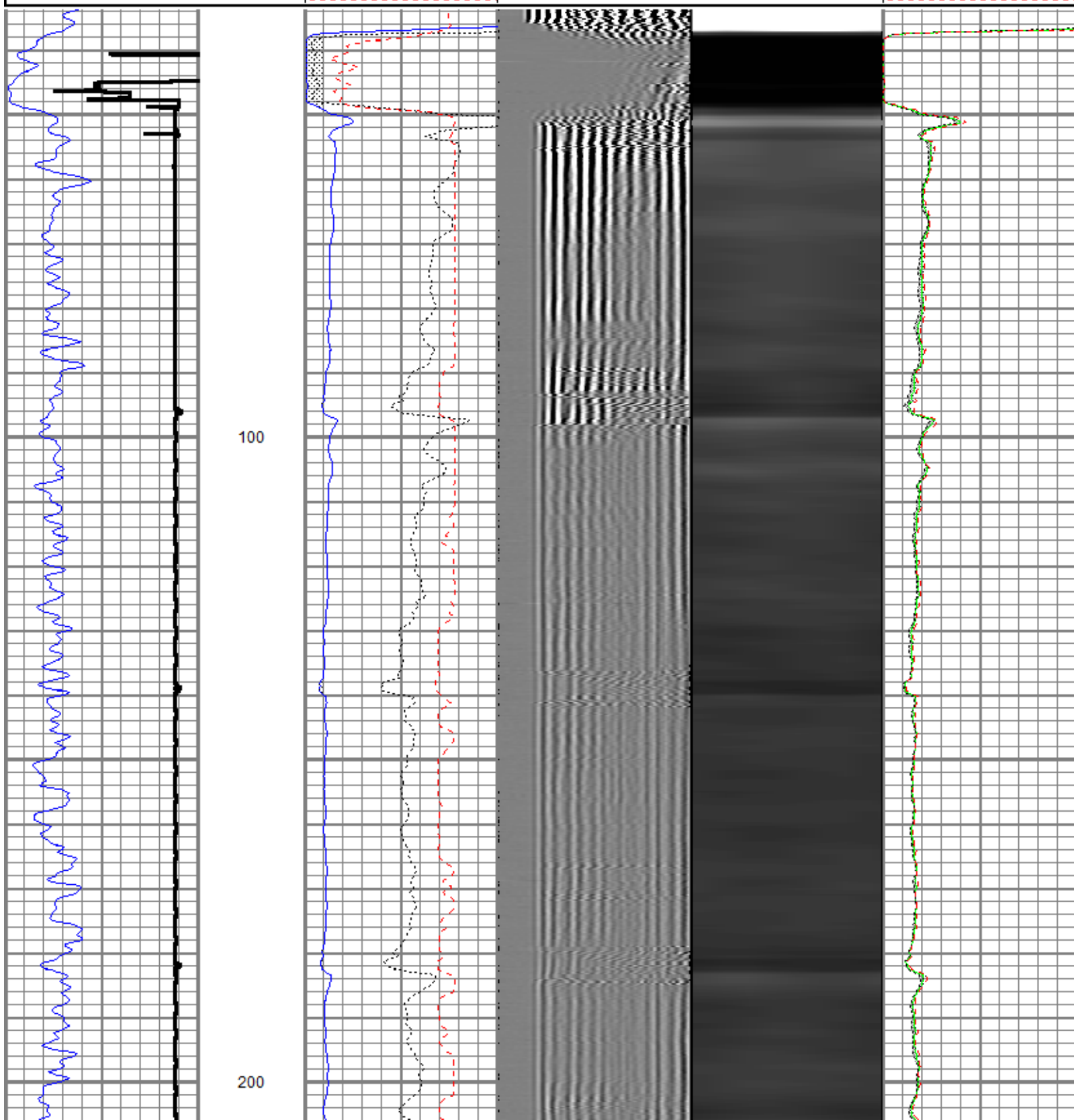


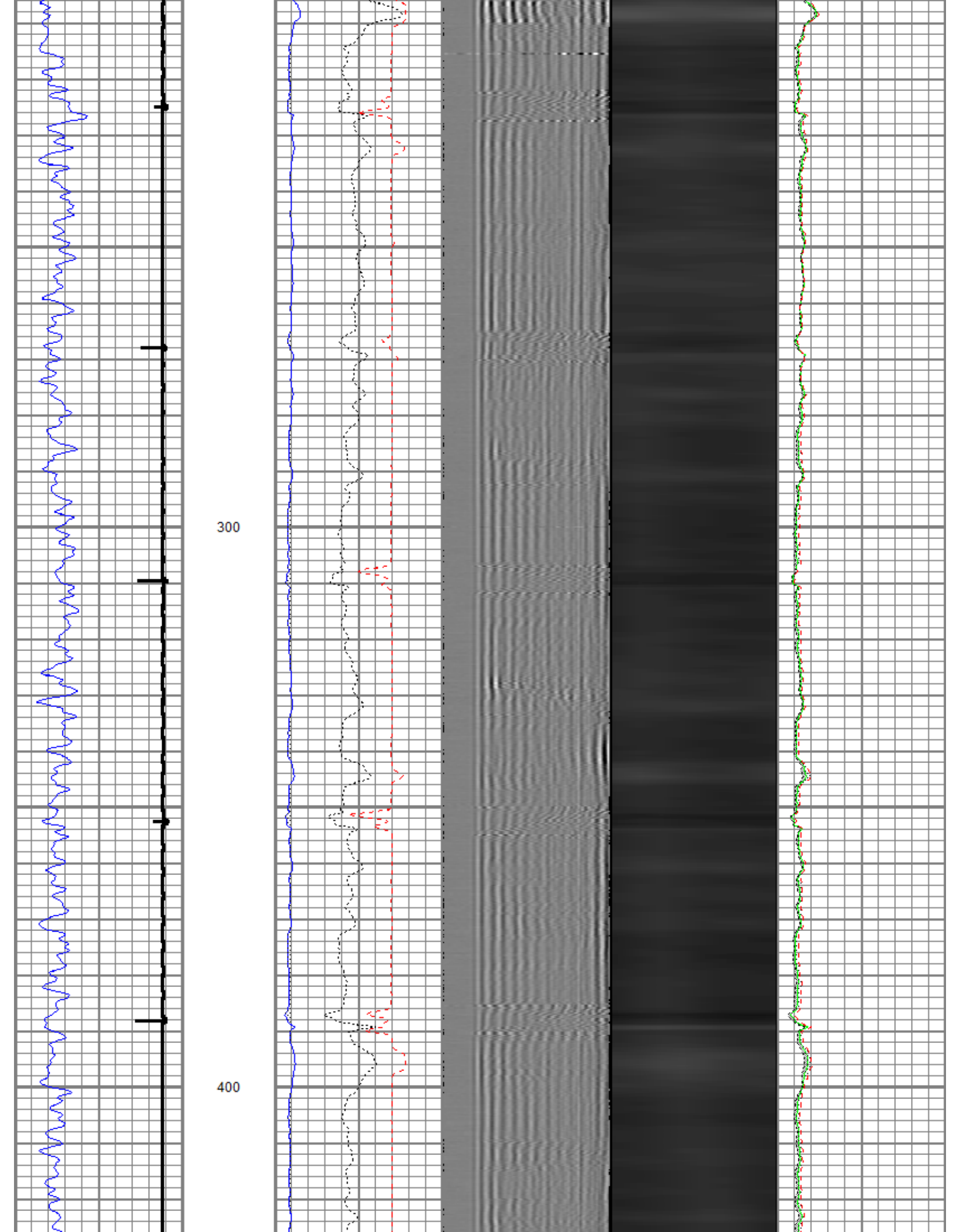
Company		Anadarko Petroleum Corporation	
Well		Barefoot State 40N-36HZ	
Field		Wattenberg	
County		Weld	
State		Colorado	
Company		Anadarko Petroleum Corporation	
Well		Barefoot State 40N-36HZ	
Field		Wattenberg	
County		Weld	
State		Colorado	
Location:		API #: 05-123-38632-00	
Permanent Datum		SHL: 1907' FSL & 378' FWL	
Log Measured From		BHL: 2305' FSL & 460' FEL	
Drilling Measured From		SEC 35 TWP 3N RGE 68W	
Ground Level		Elevation 4861'	
Kelly Bushing		25 FT	
Kelly Bushing		Elevation	
Other Services		Gauge Run	
		RBP	
		MIT	
K.B. 4886'		Elevation	
D.F. 4885'			
G.L. 4861'			
Date	29-JUN-2014		
Run Number	Three		
Depth Driller	16,499'		
Depth Logger	6575'		
Bottom Logged Interval	6570'		
Top Log Interval	Surface		
Open Hole Size	8.750"		
Type Fluid	Water		
Density / Viscosity	8.34 lbm/gal		
Max. Recorded Temp.	245 F		
Estimated Cement Top	Surface		
Time Well Ready	ROA		
Time Logger on Bottom	---		
Equipment Number	HD-0255		
Location	Fort Lupton, CO		
Recorded By	Greg Jackson		
Witnessed By	Mike Aspa		
Borehole Record		Tubing Record	
Run Number	Bit	From	To
		Size	Weight
			From
			To
Casing Record	Size (in)	Wgt (lbs/ft)	Grade
Surface Casing	9 5/8"	36#	J-55 LTC
Intermediate #1	7"	26#	HCP-110
Intermediate #2			Surface
Liner	4.5"	11.6#	HCP-110
			6674'
			16,489'

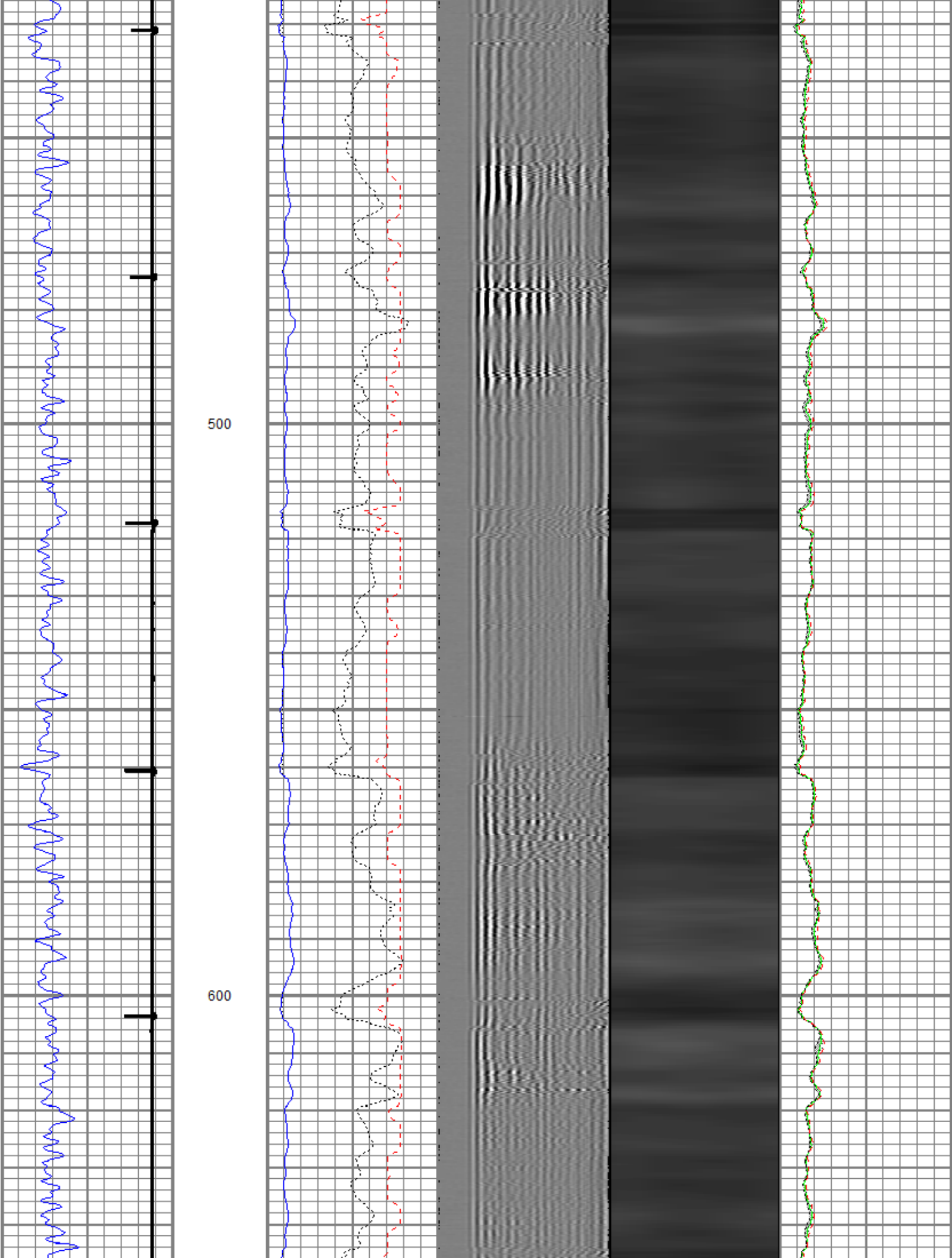
Log ran as per Customer request.  
 Depth refence to Casing Talley reported Liner Top 6450 FT.  
 Adjusted log +17 FT to correlate with Liner Top.  
 Gauge Ring/Junk Basket ran to 7401 FT with no debris found after run.  
 Log ran with 2800 PSI surface induced pressure.  
 No debris found on logging tools upon completion of operations.

Thank you for choosing FMC Technologies Completion Services, Inc.!!

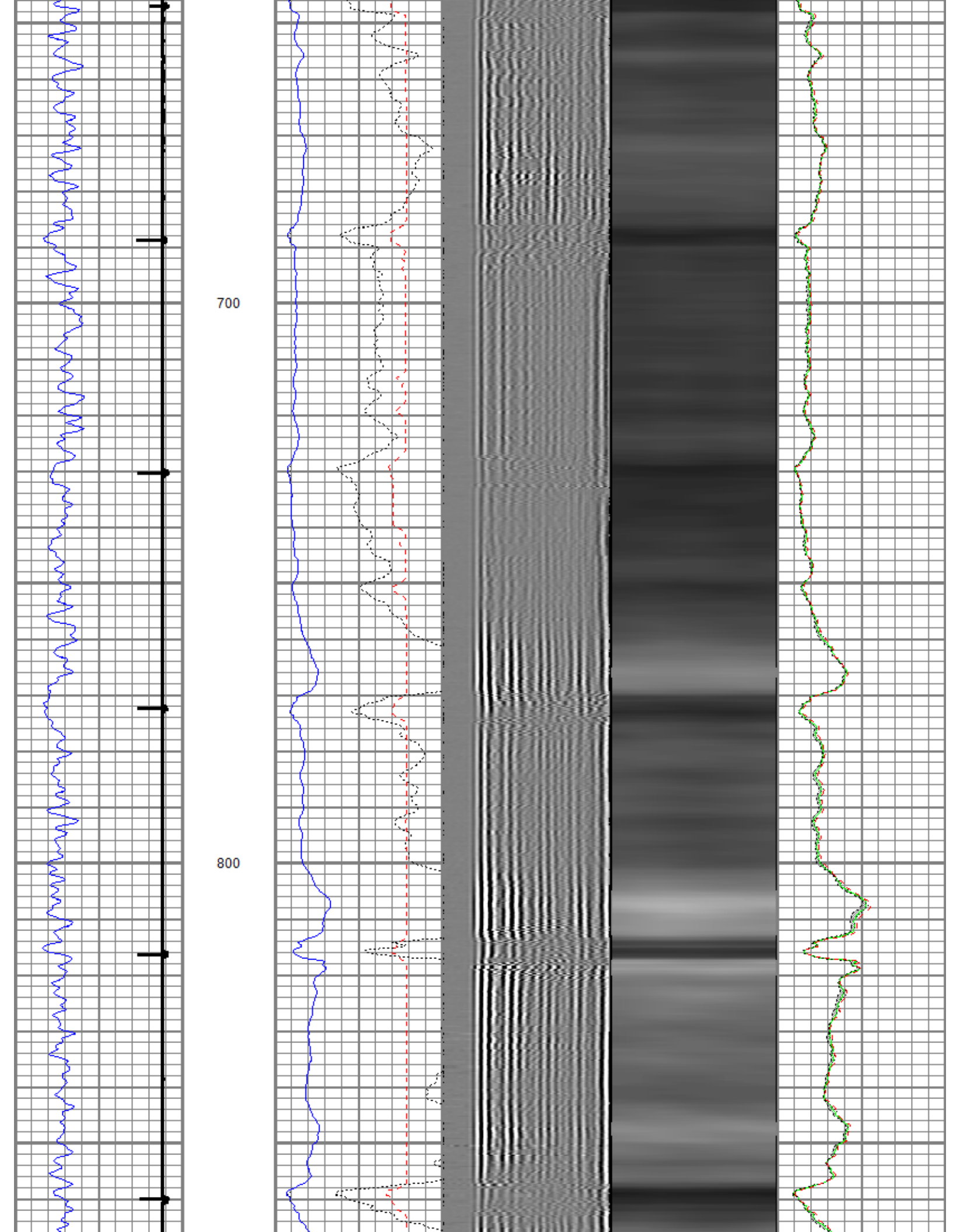
Gamma Ray	0	3' Amplitude (mV) 100	5' Variable Density Log	Sector Map	0	Average Amplitude 100
0 (GAPI) 120		3' Amplitude x 5	200	1200		Minimum Amplitude
Casing Collar Locator	0	(mV) 20			0	100
		3' Travel Time				Maximum Amplitude
	650	(usec) 150			0	100

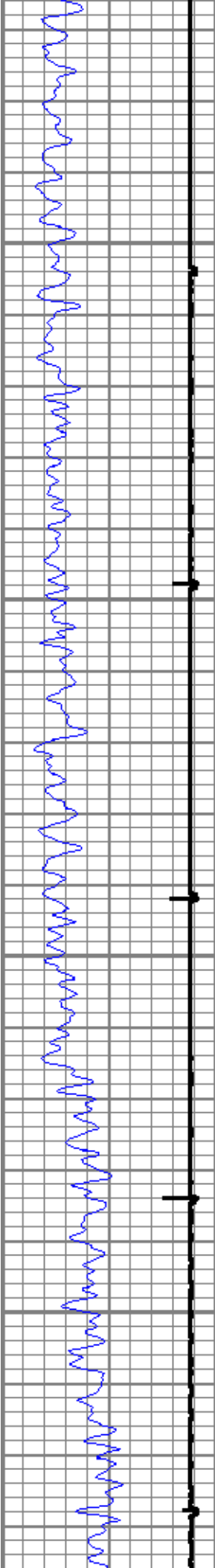






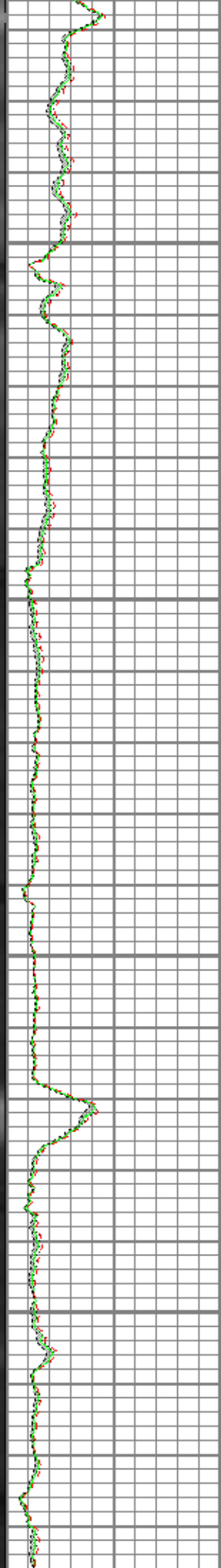
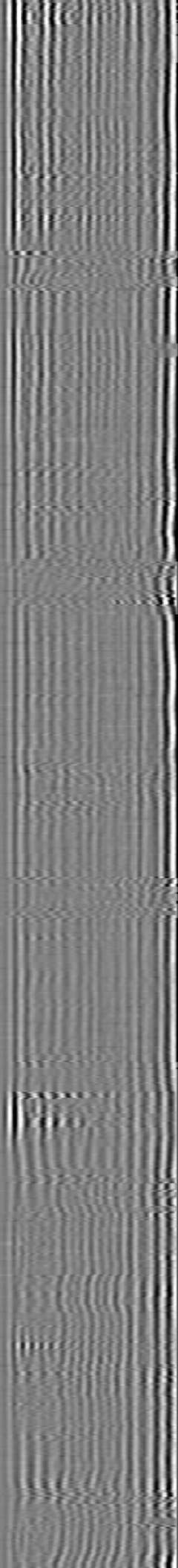
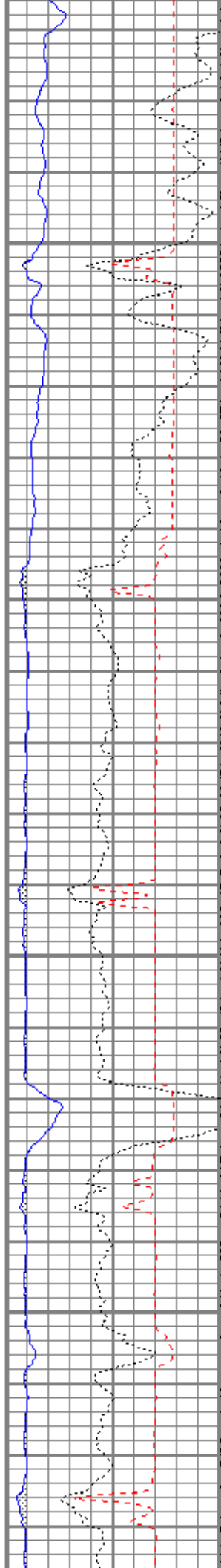


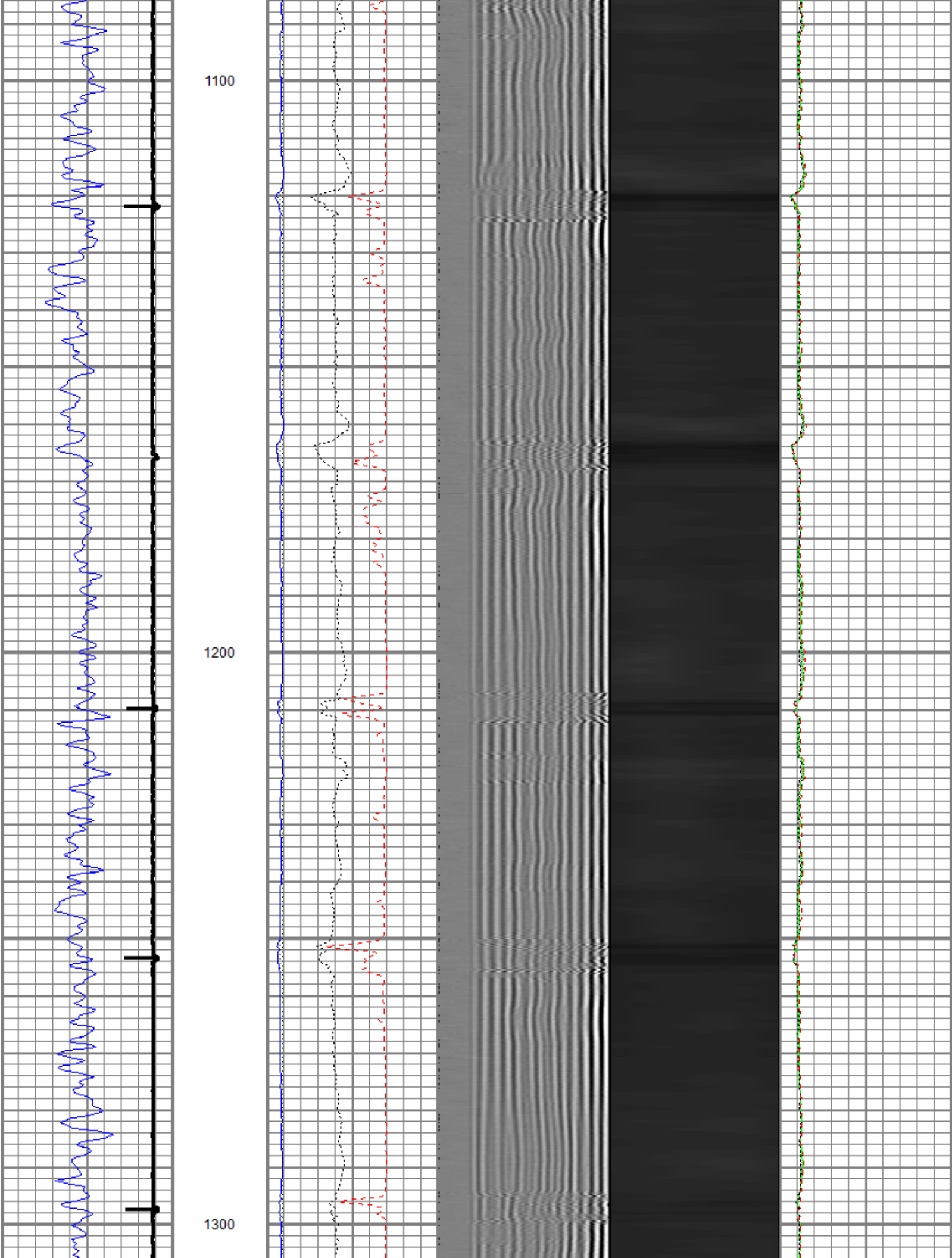


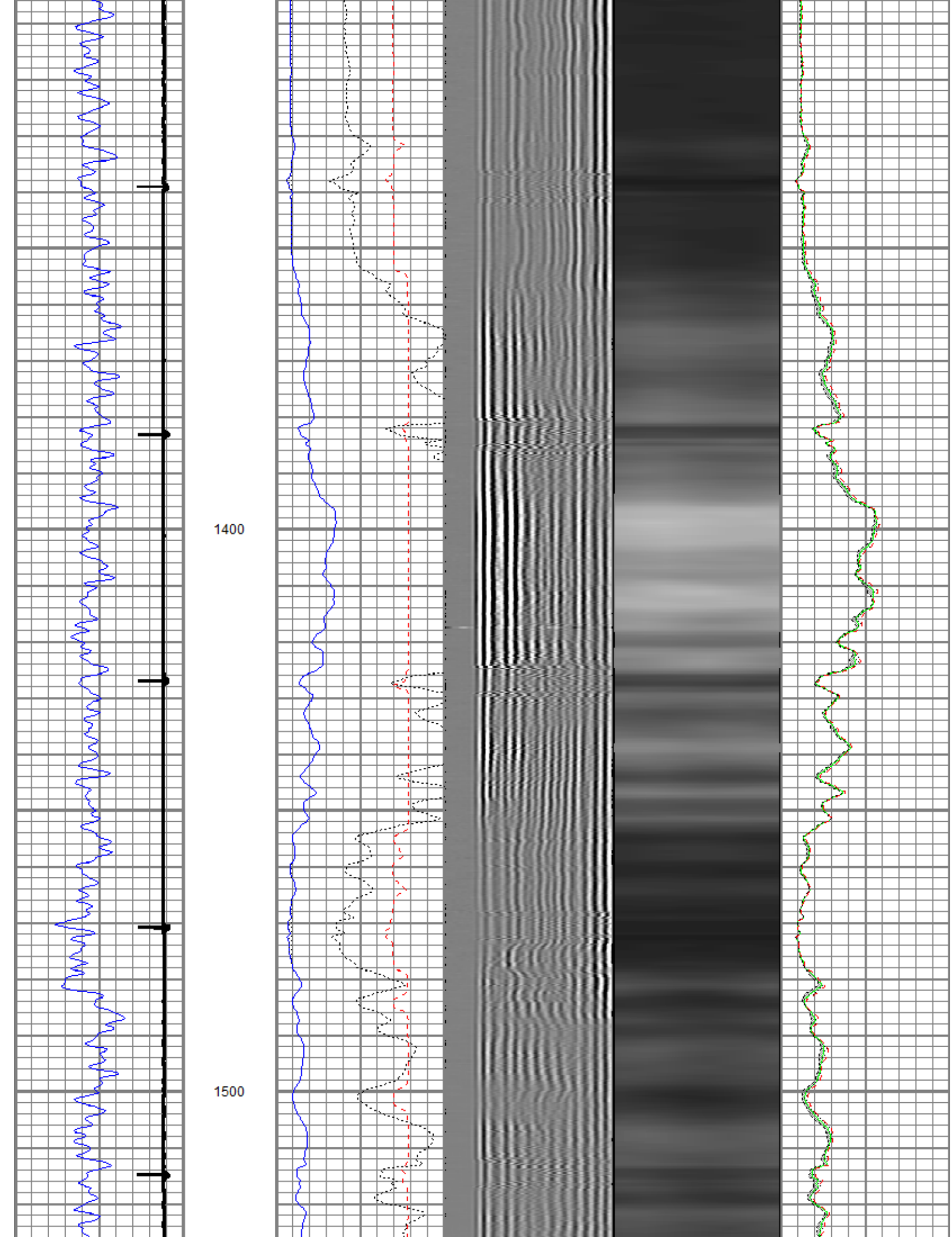


900

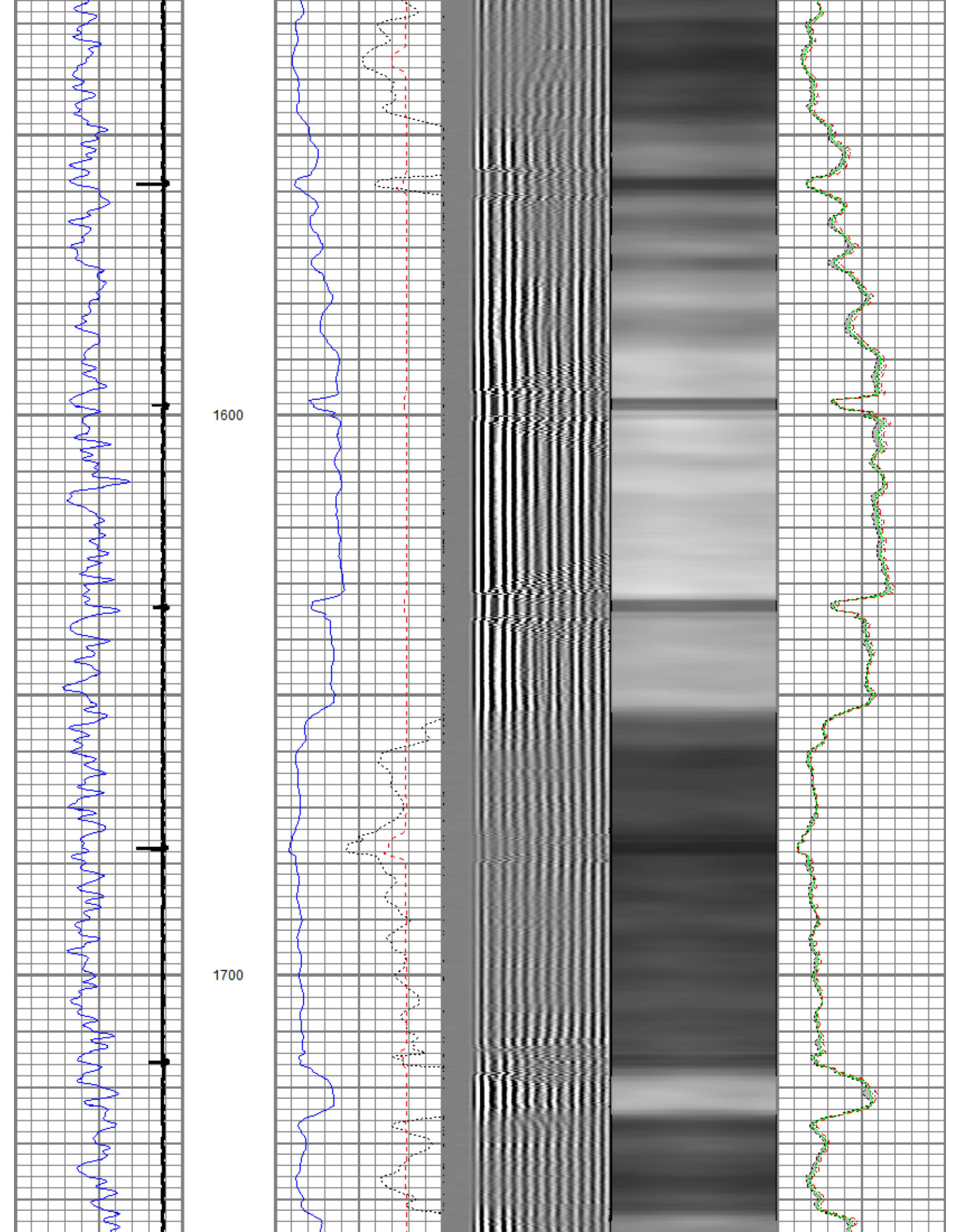
1000

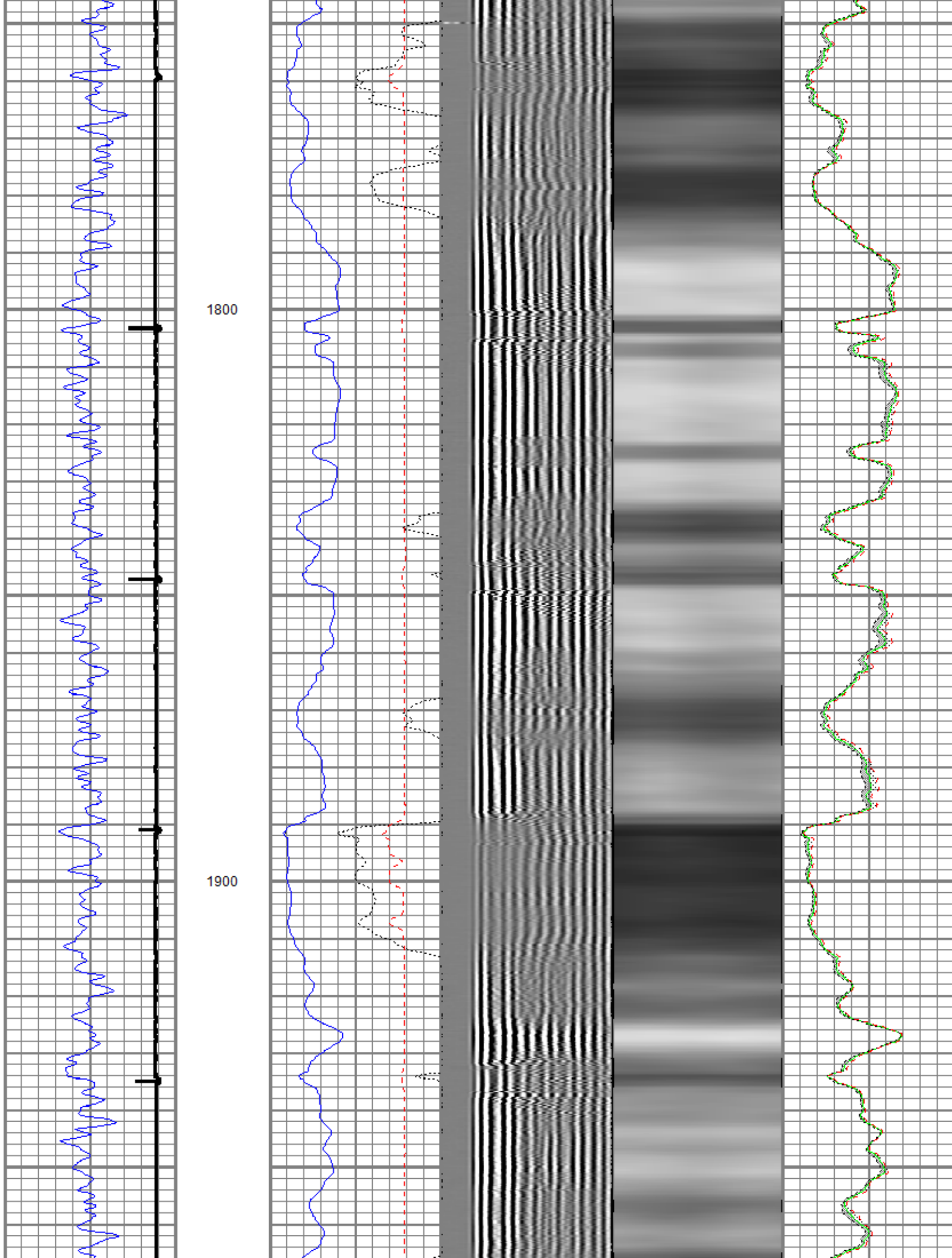


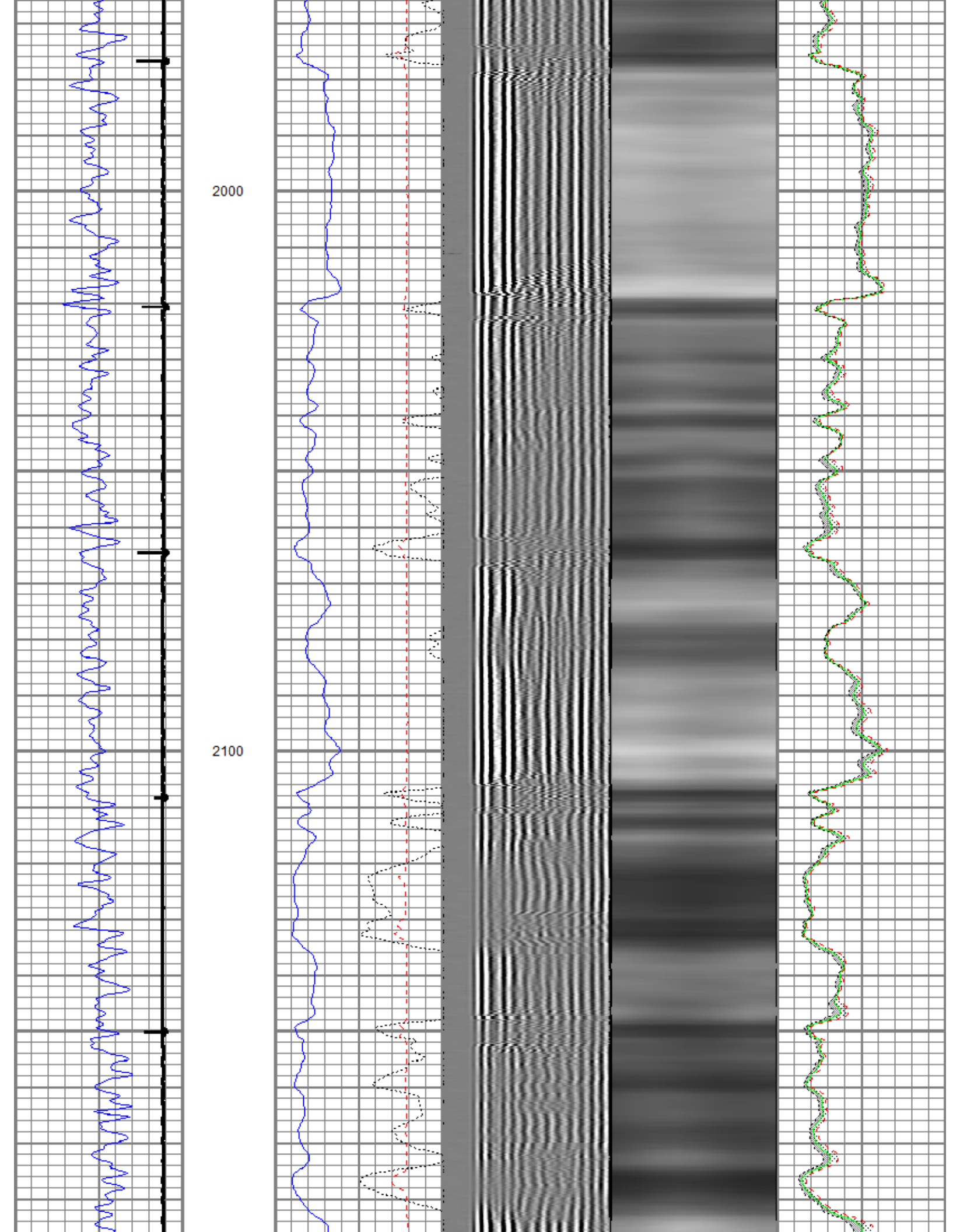




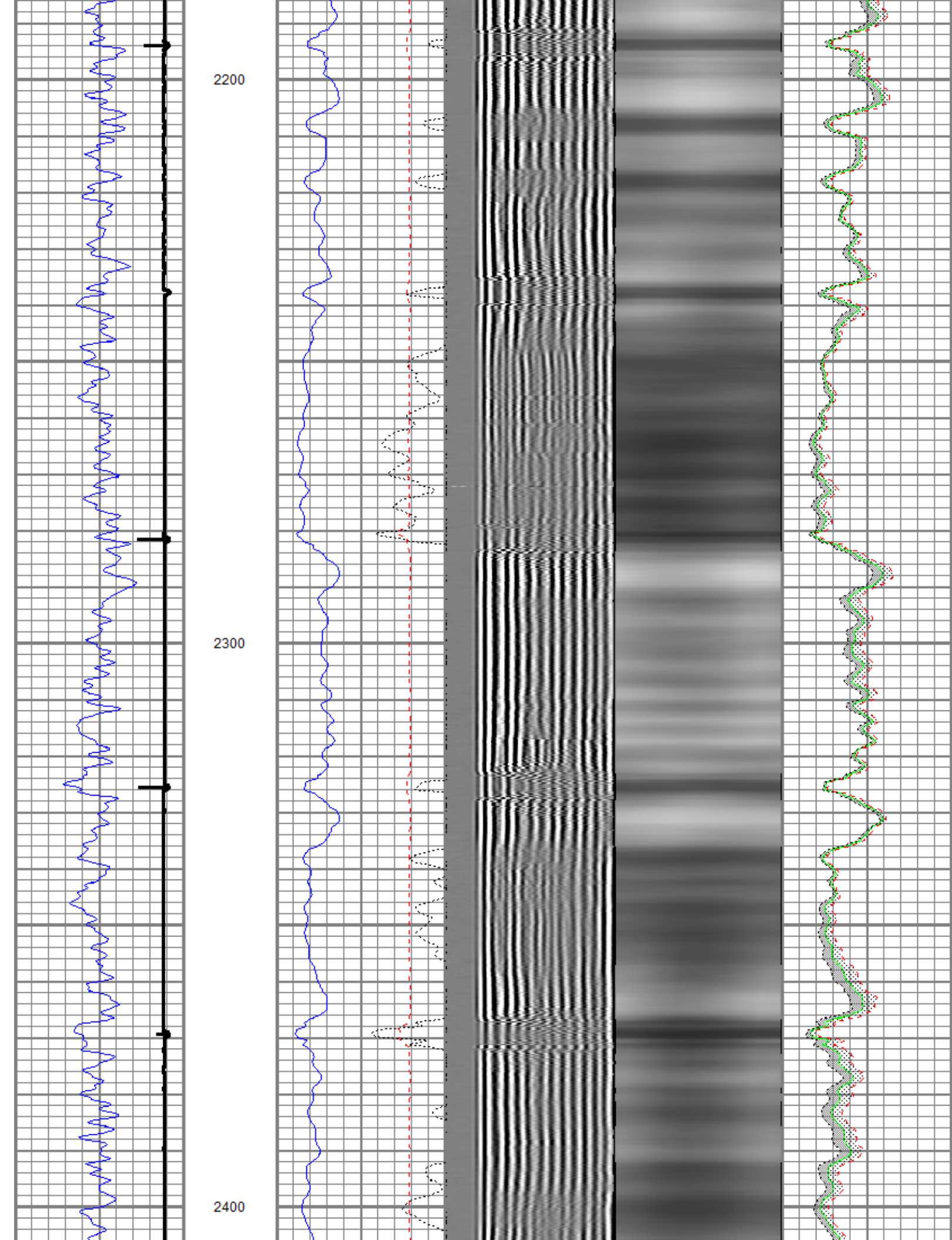




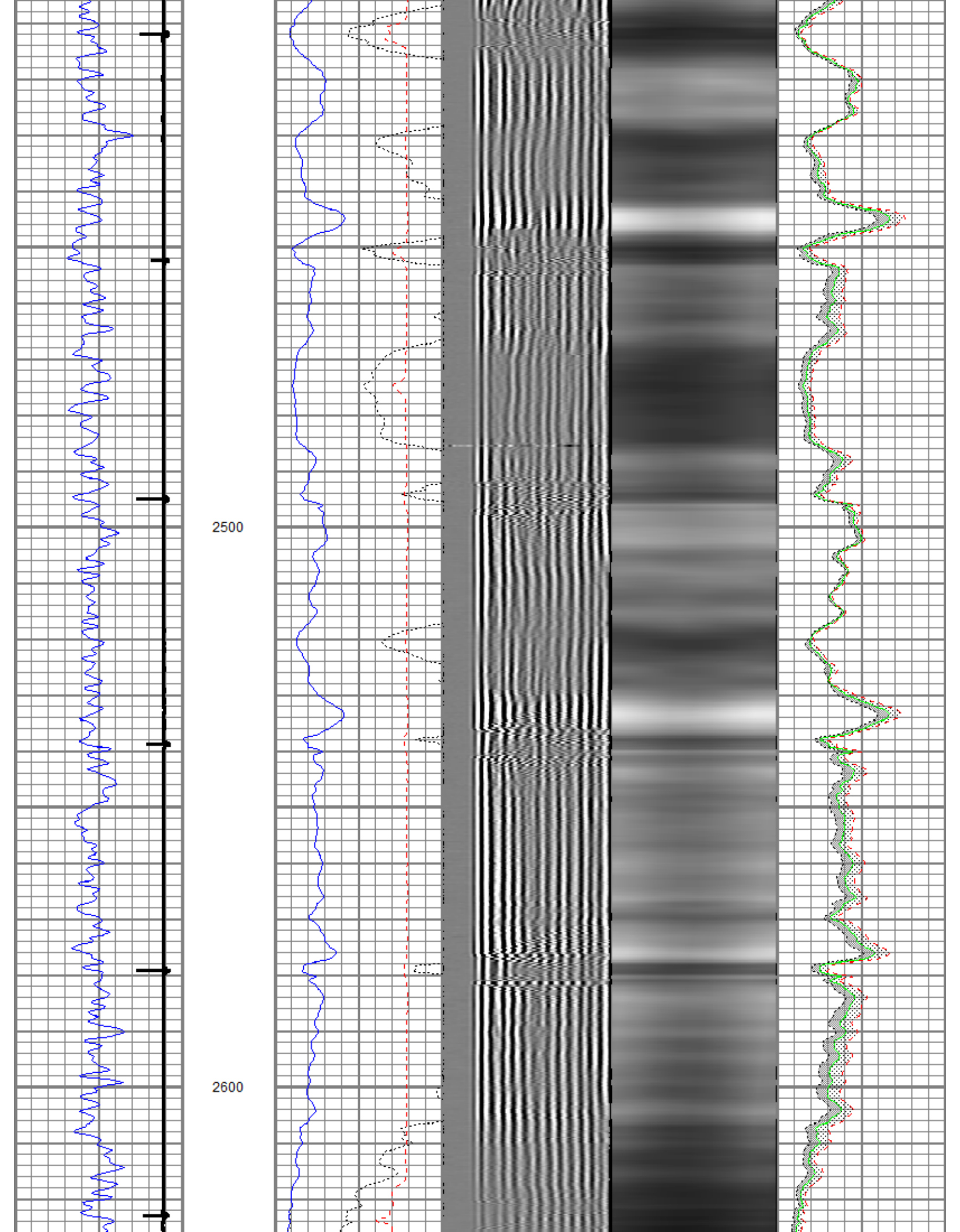


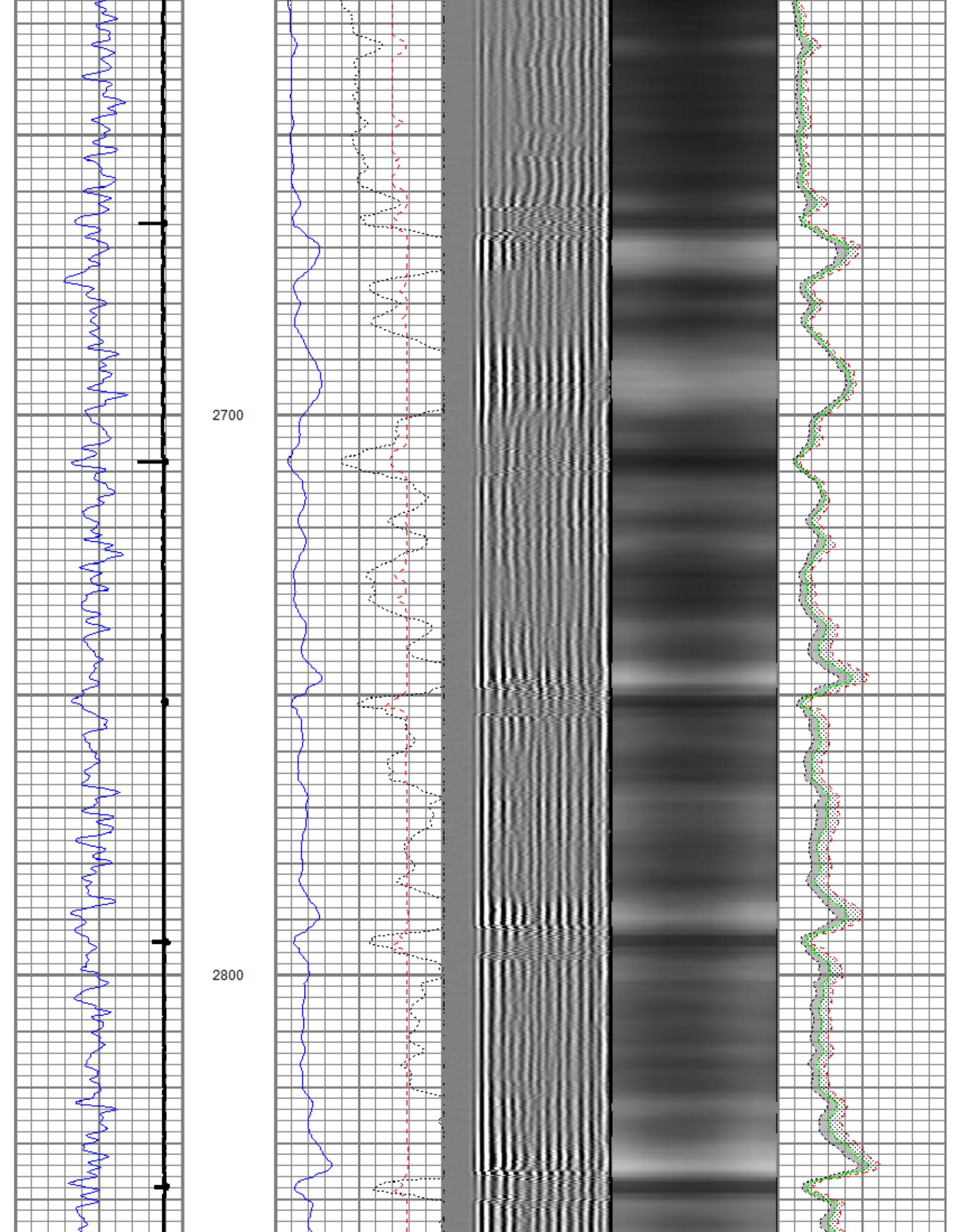


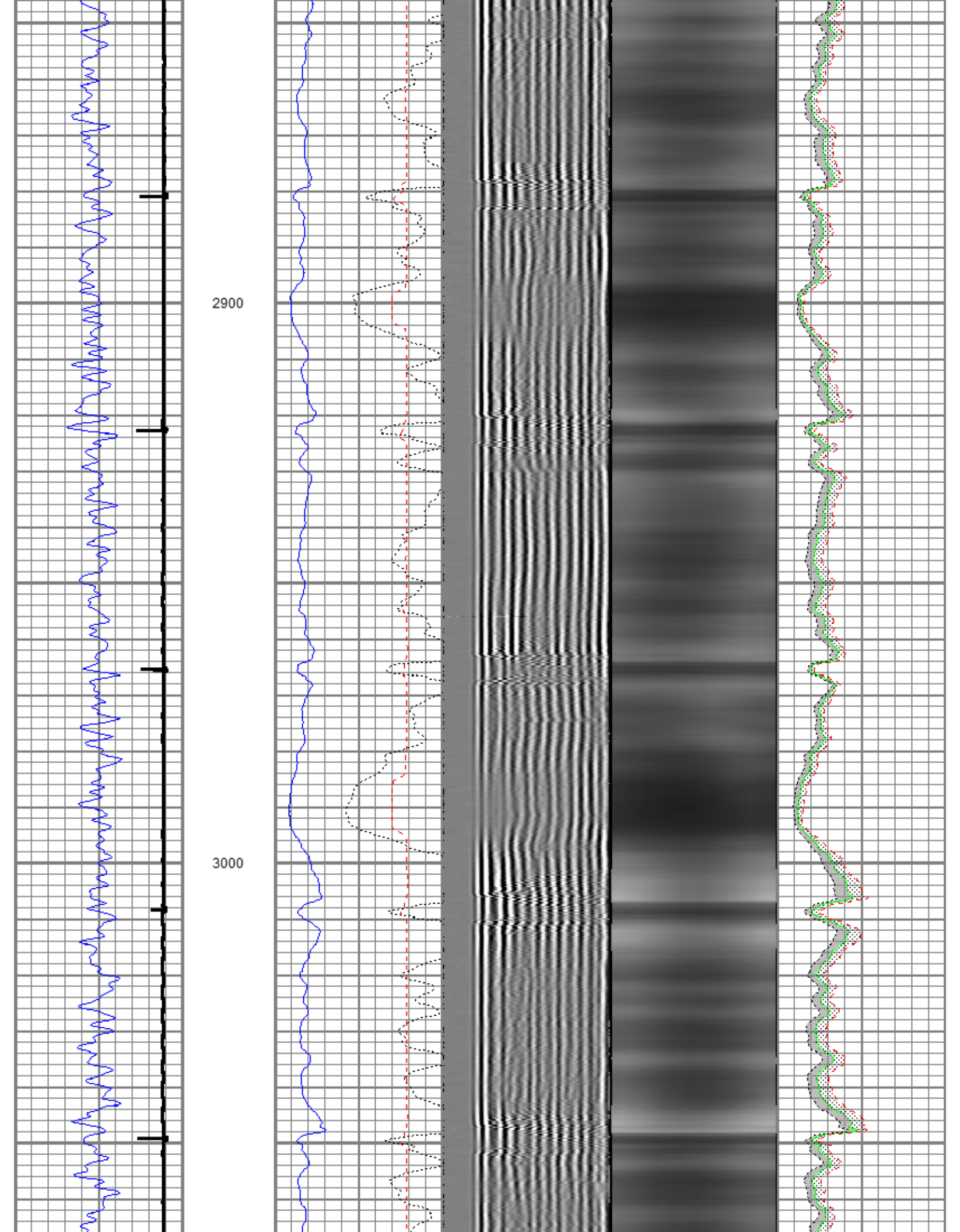




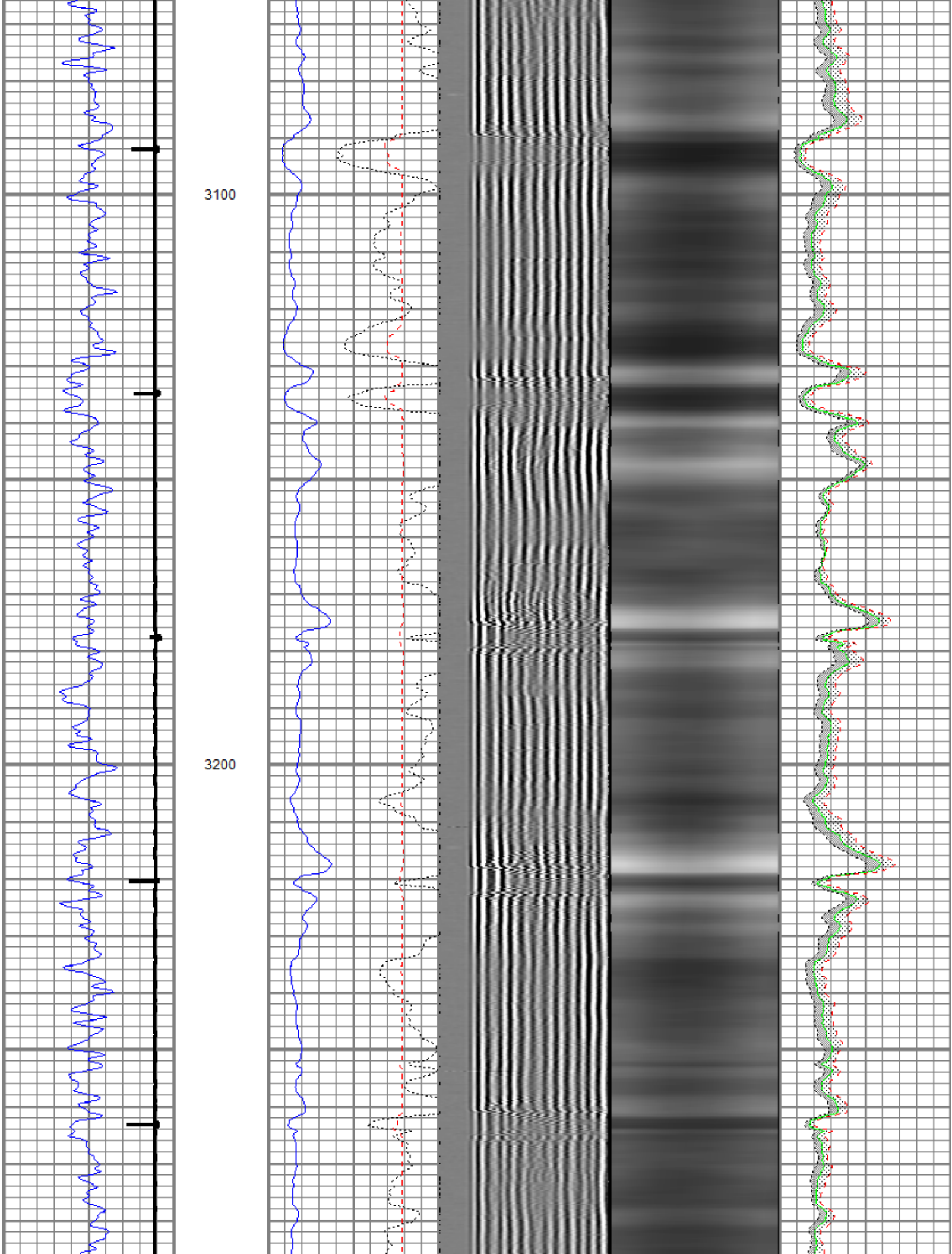




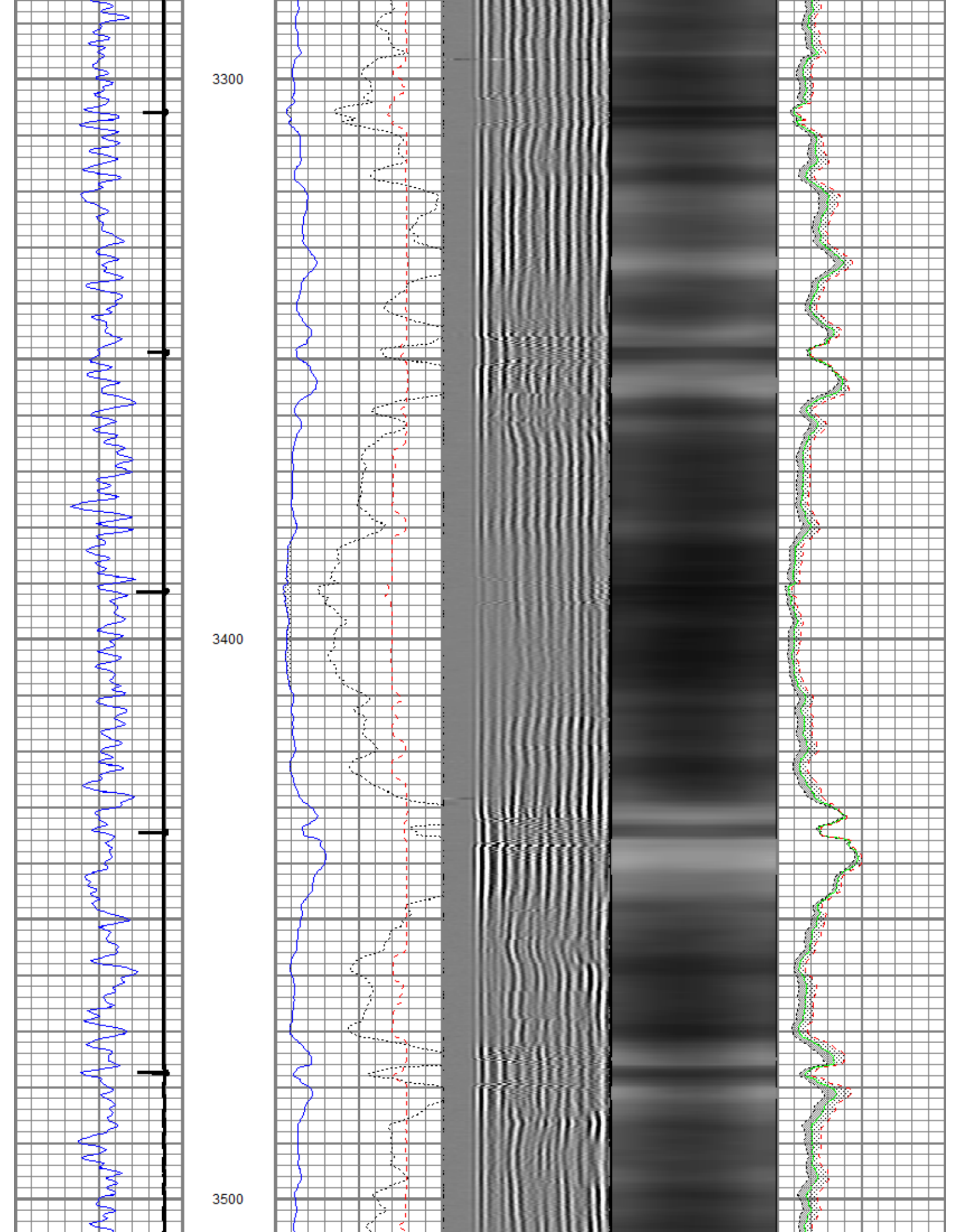


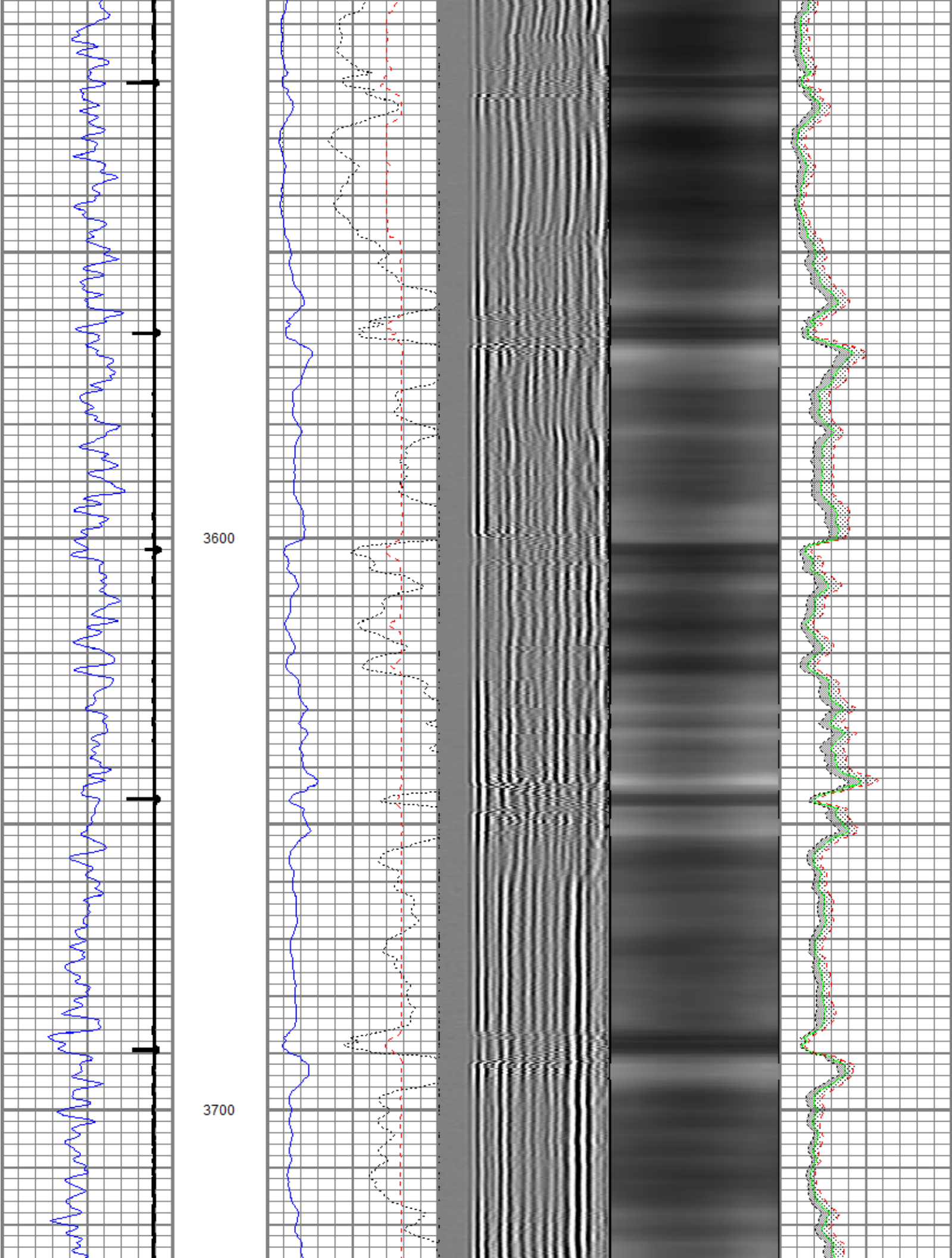


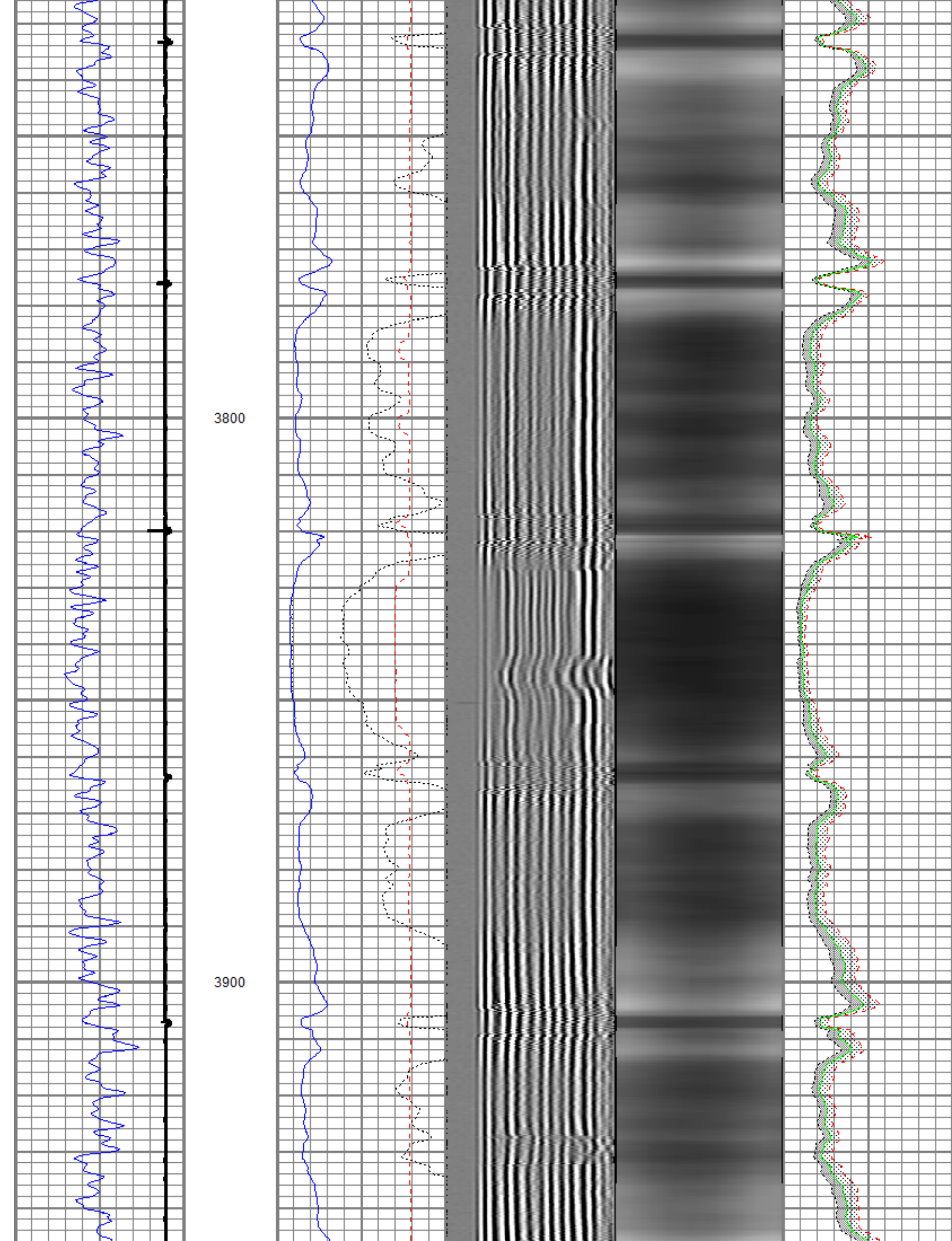




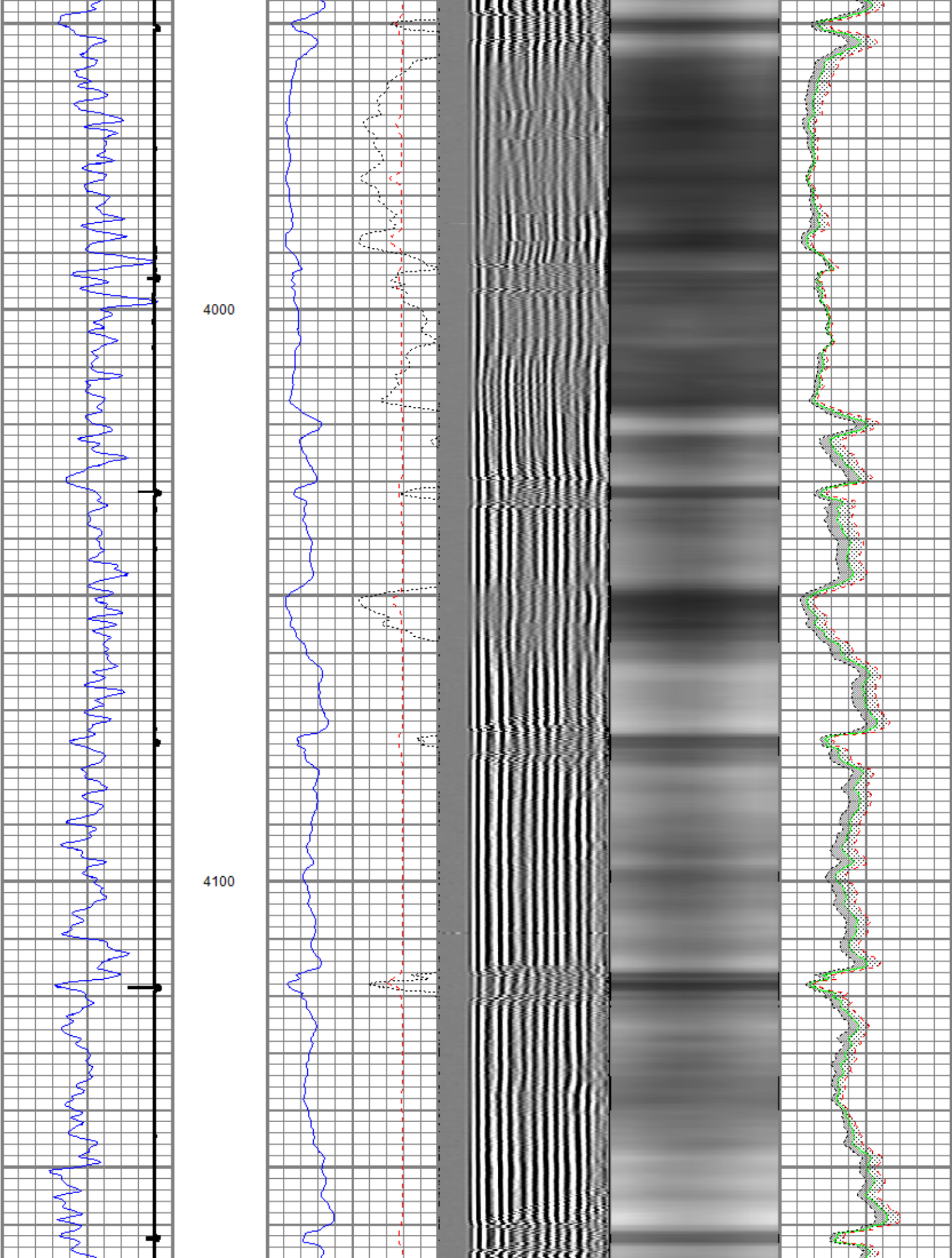




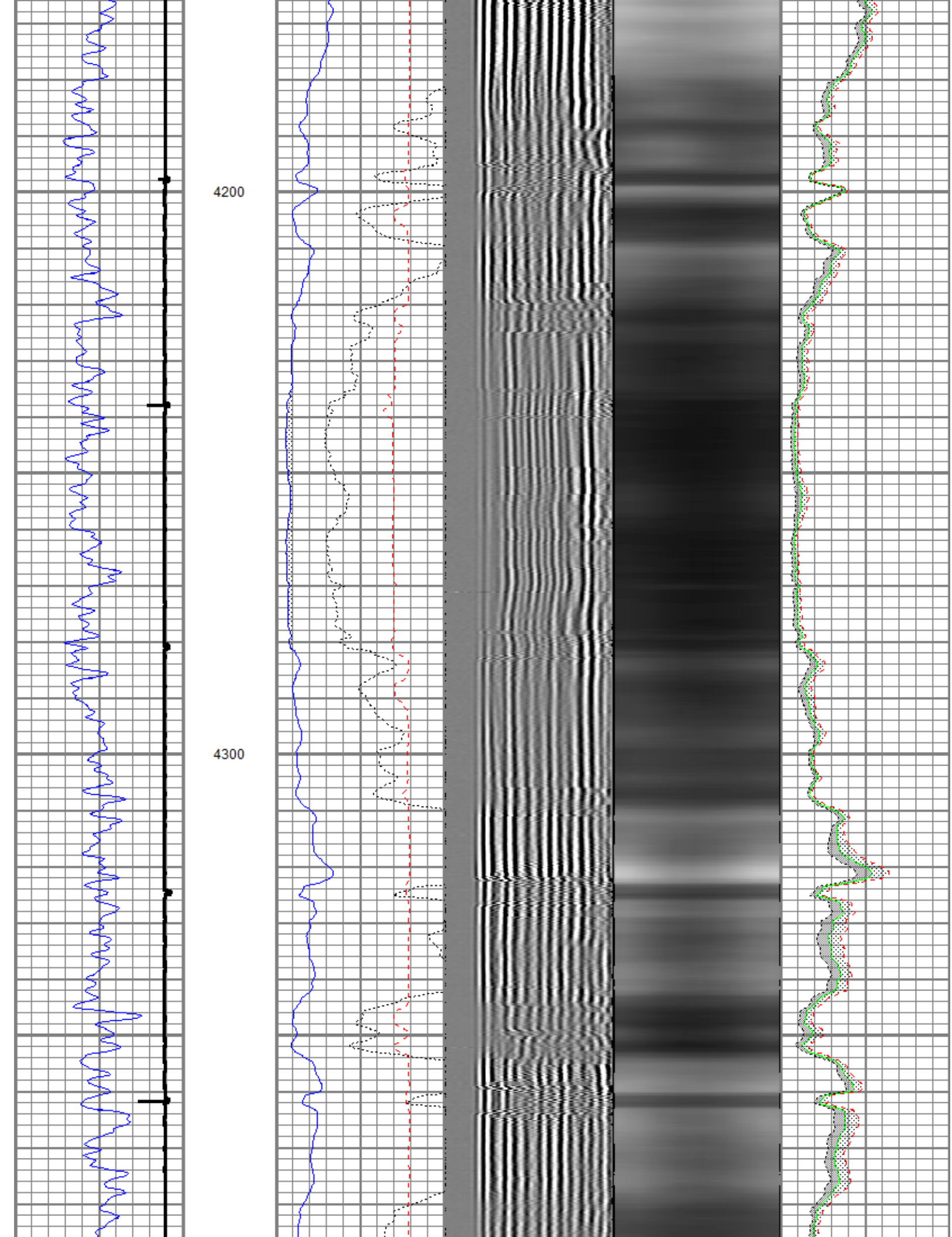


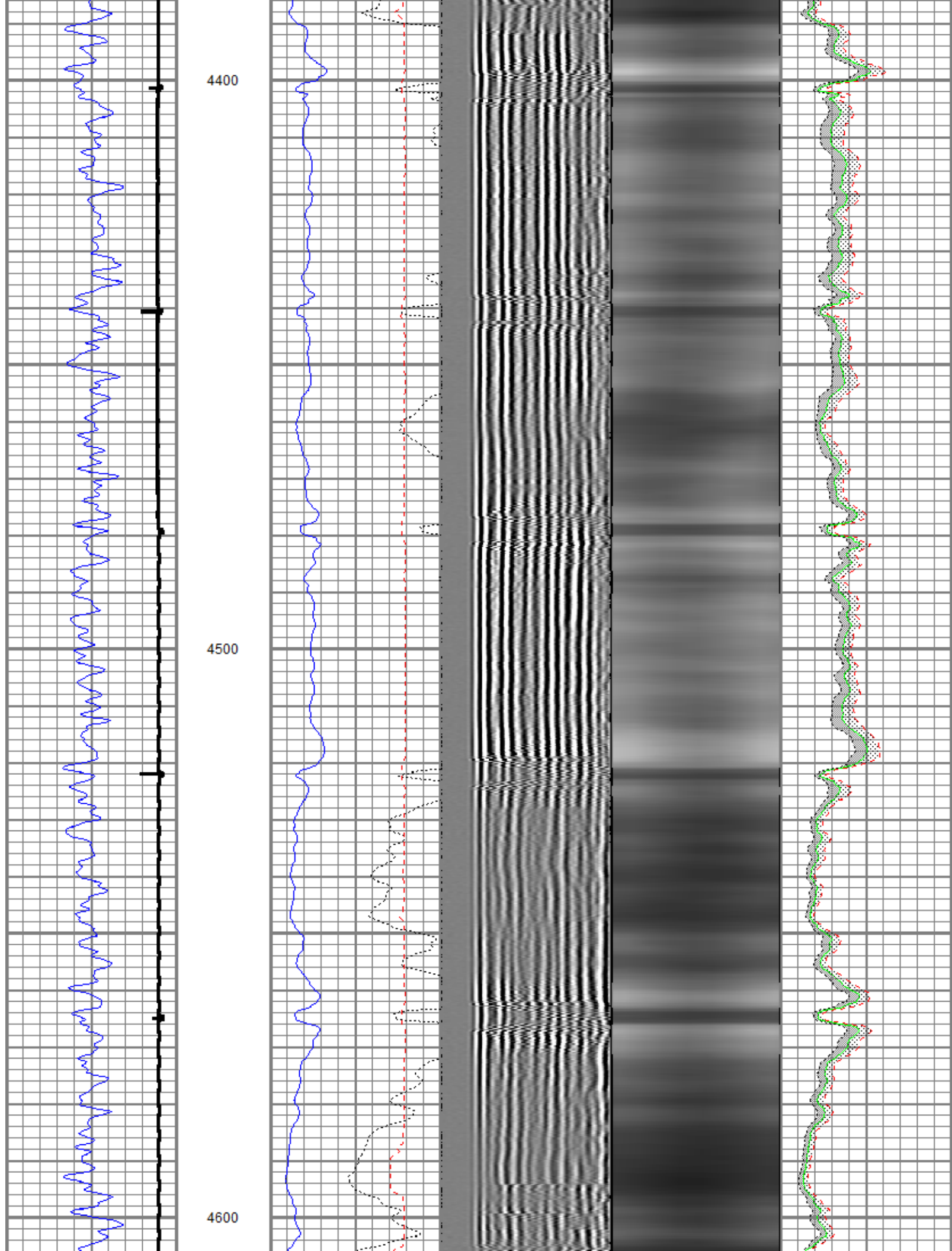


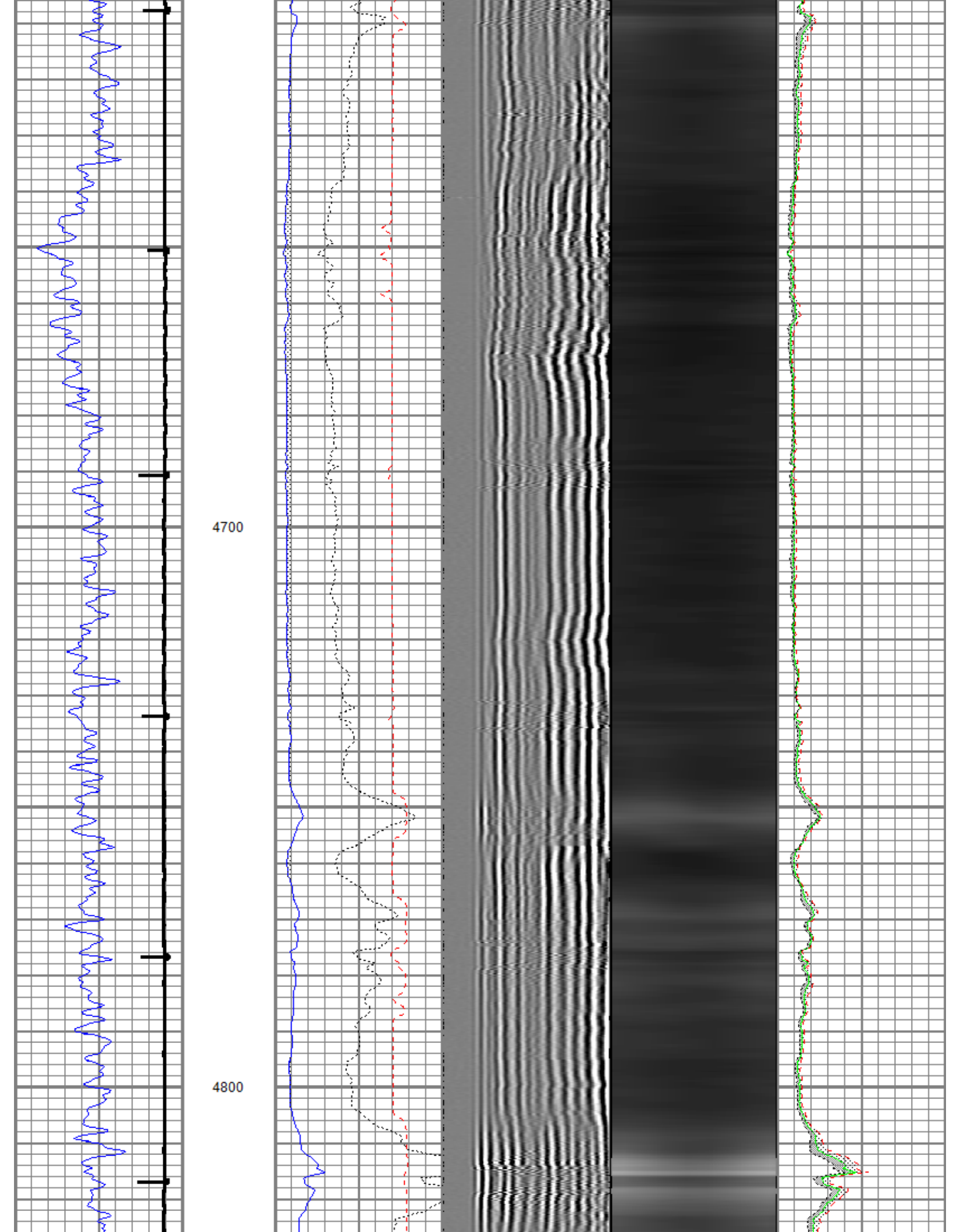




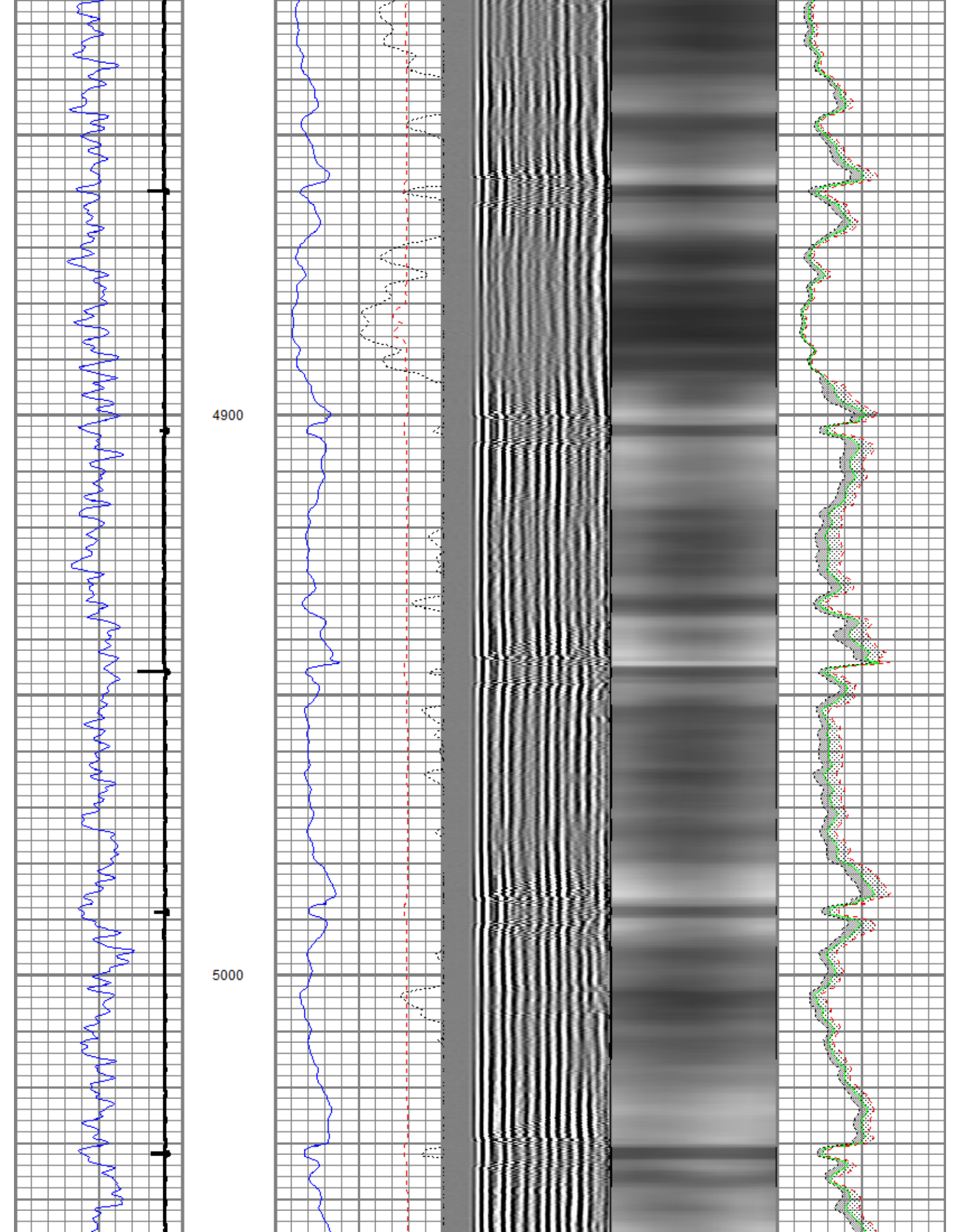




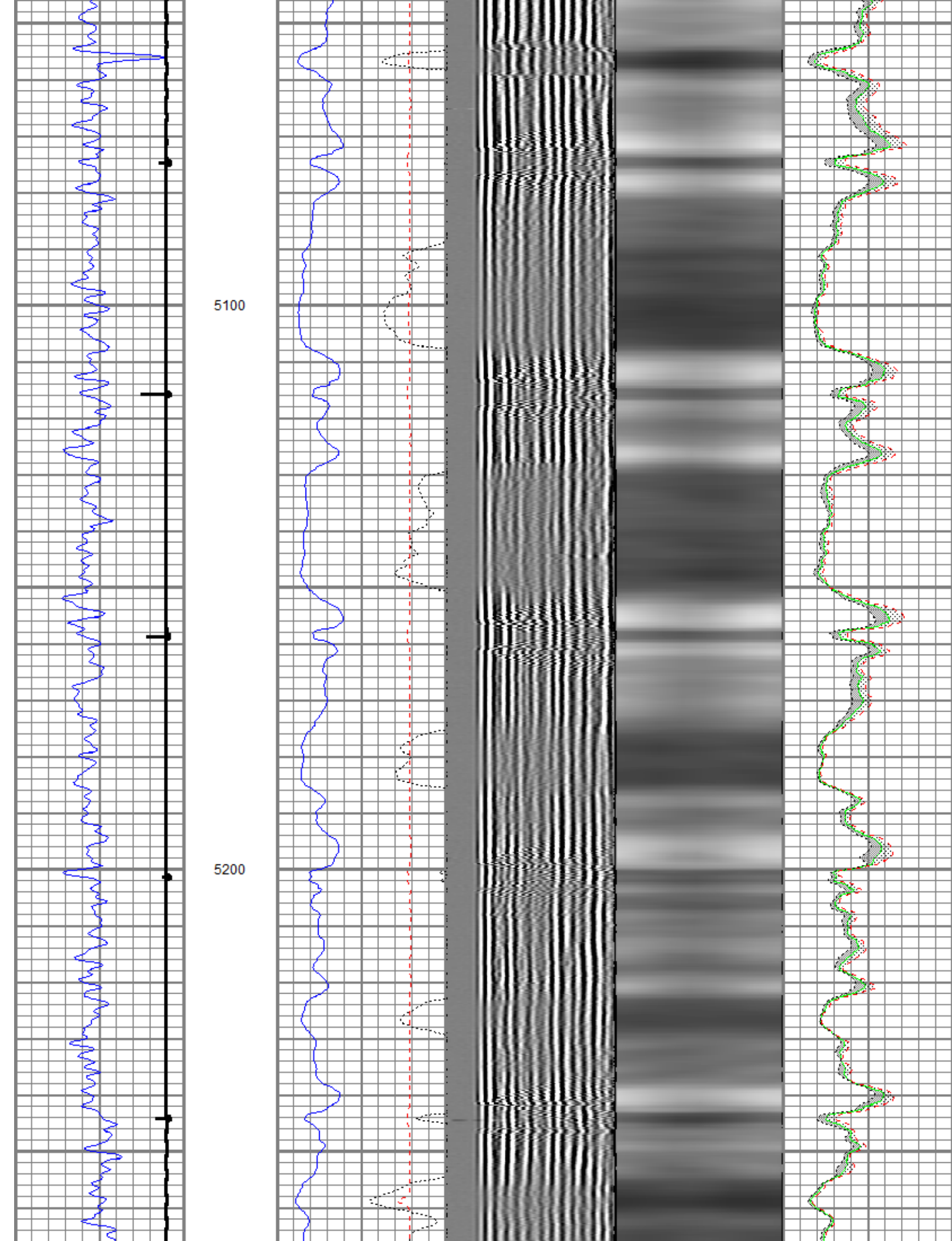


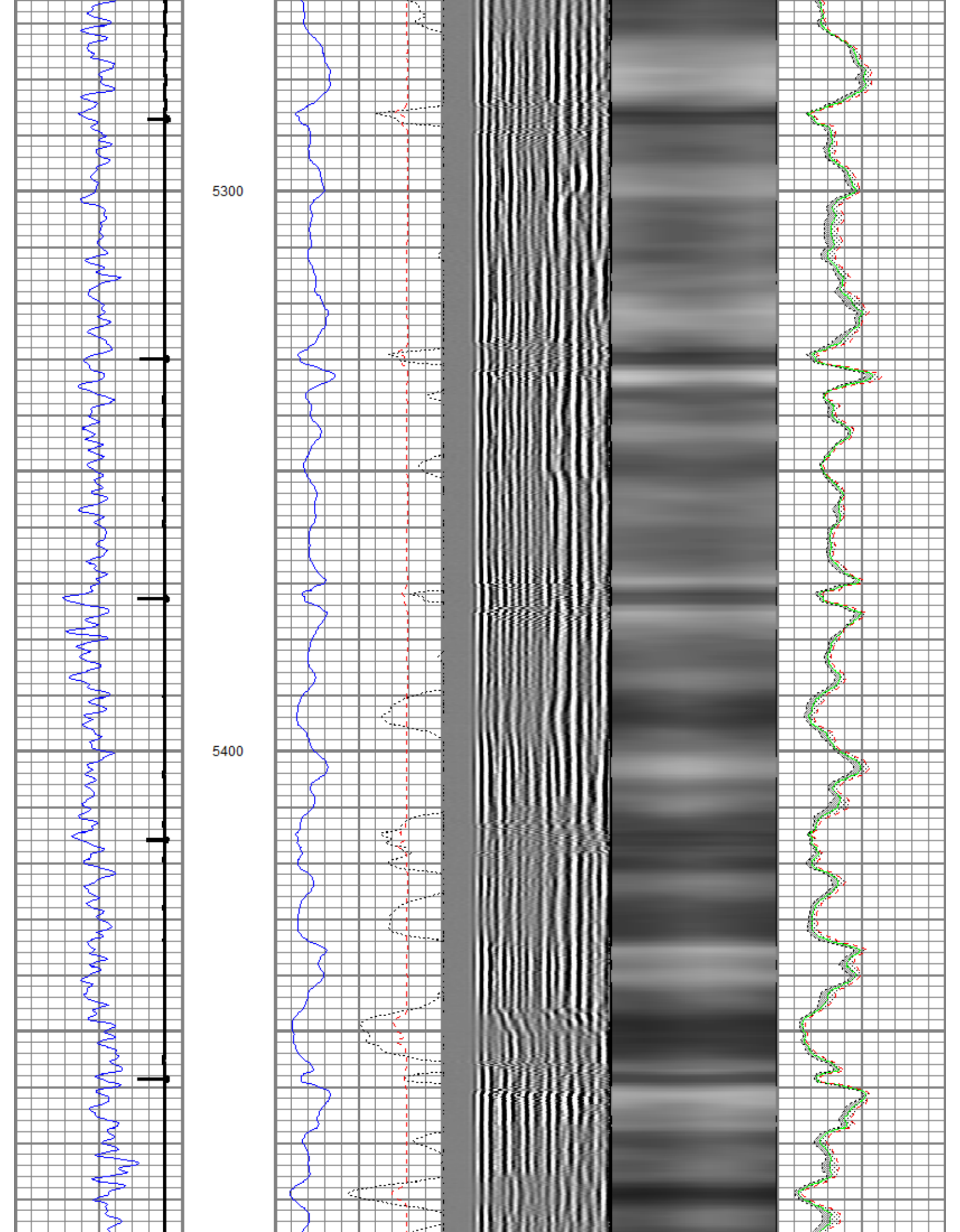


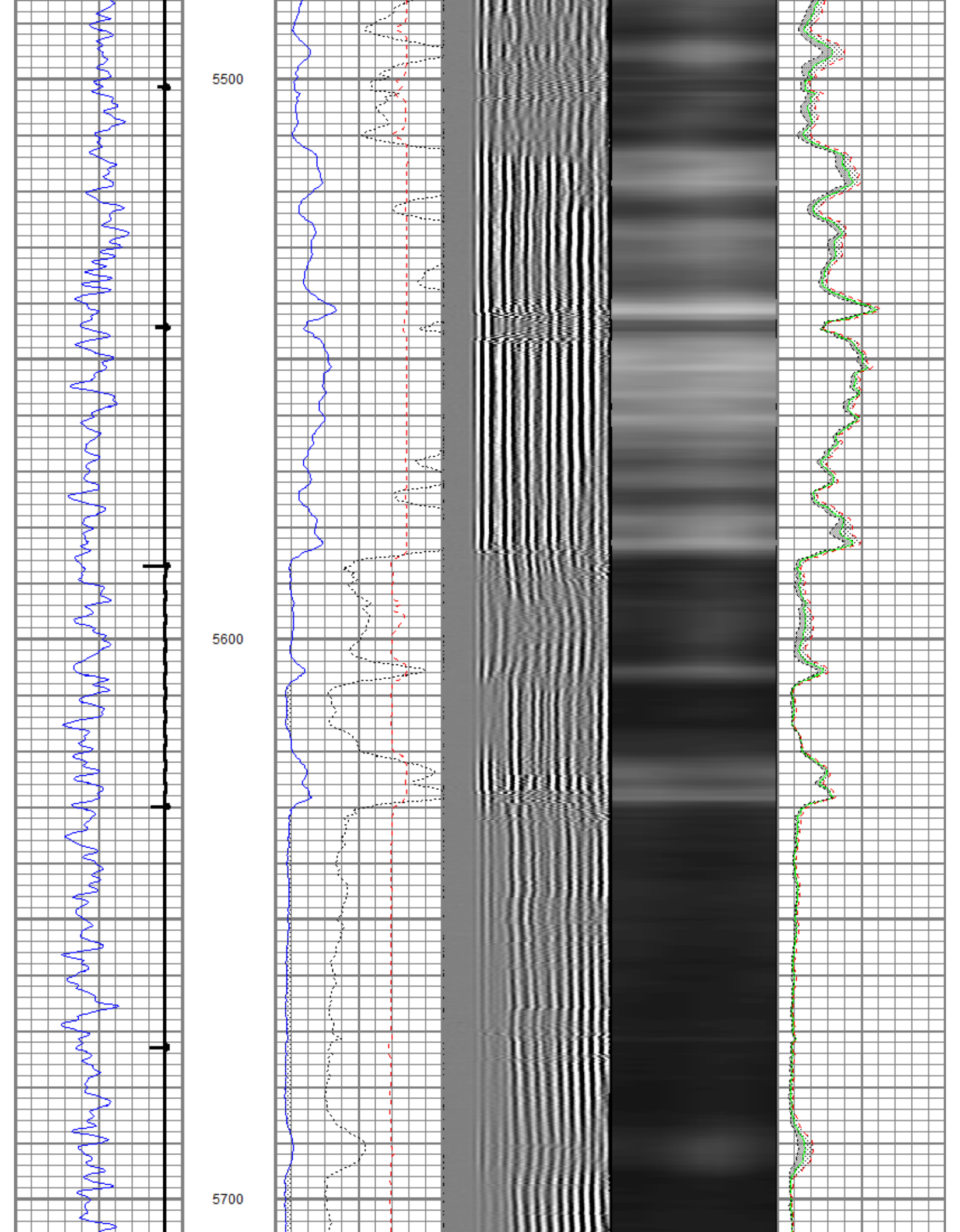








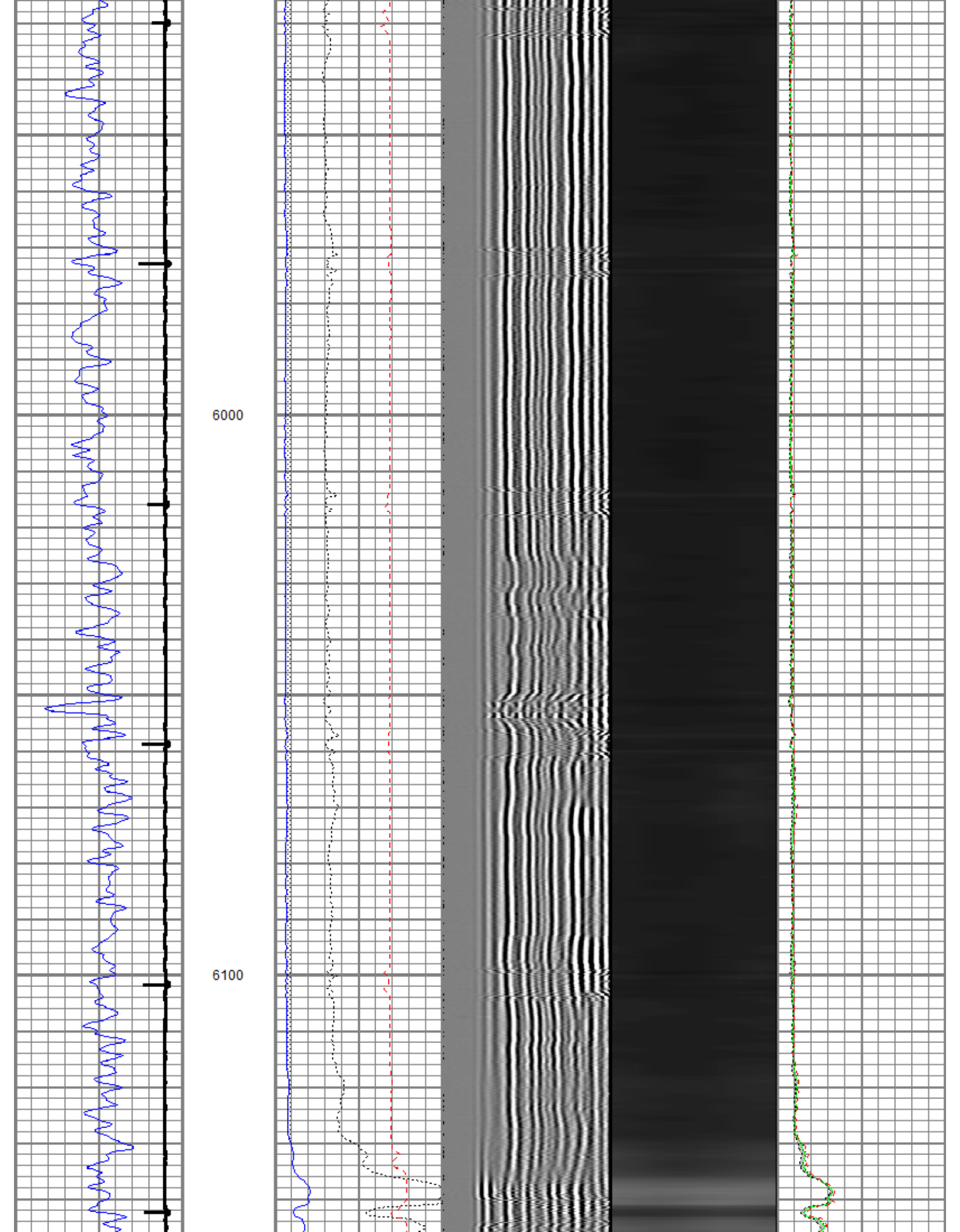


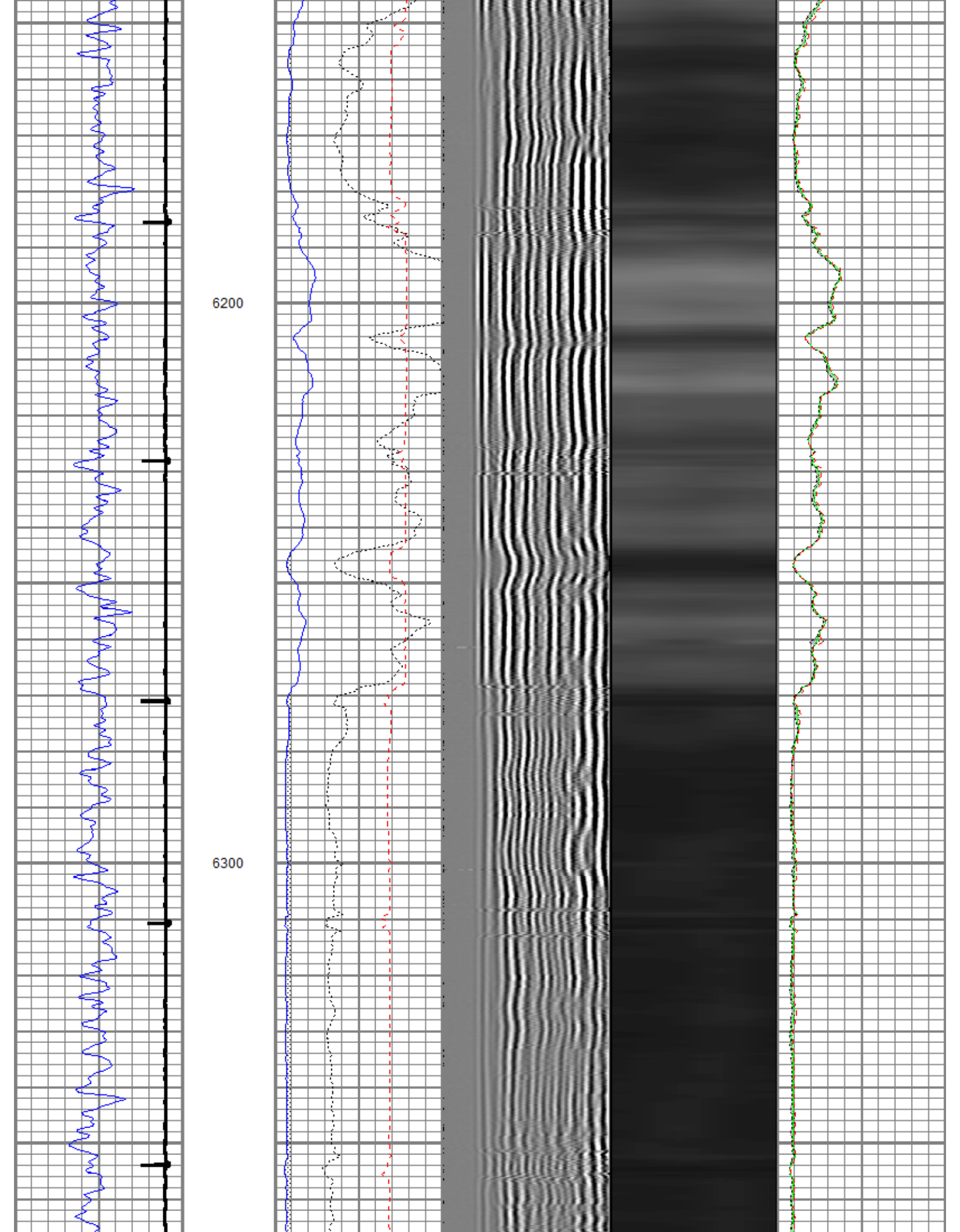


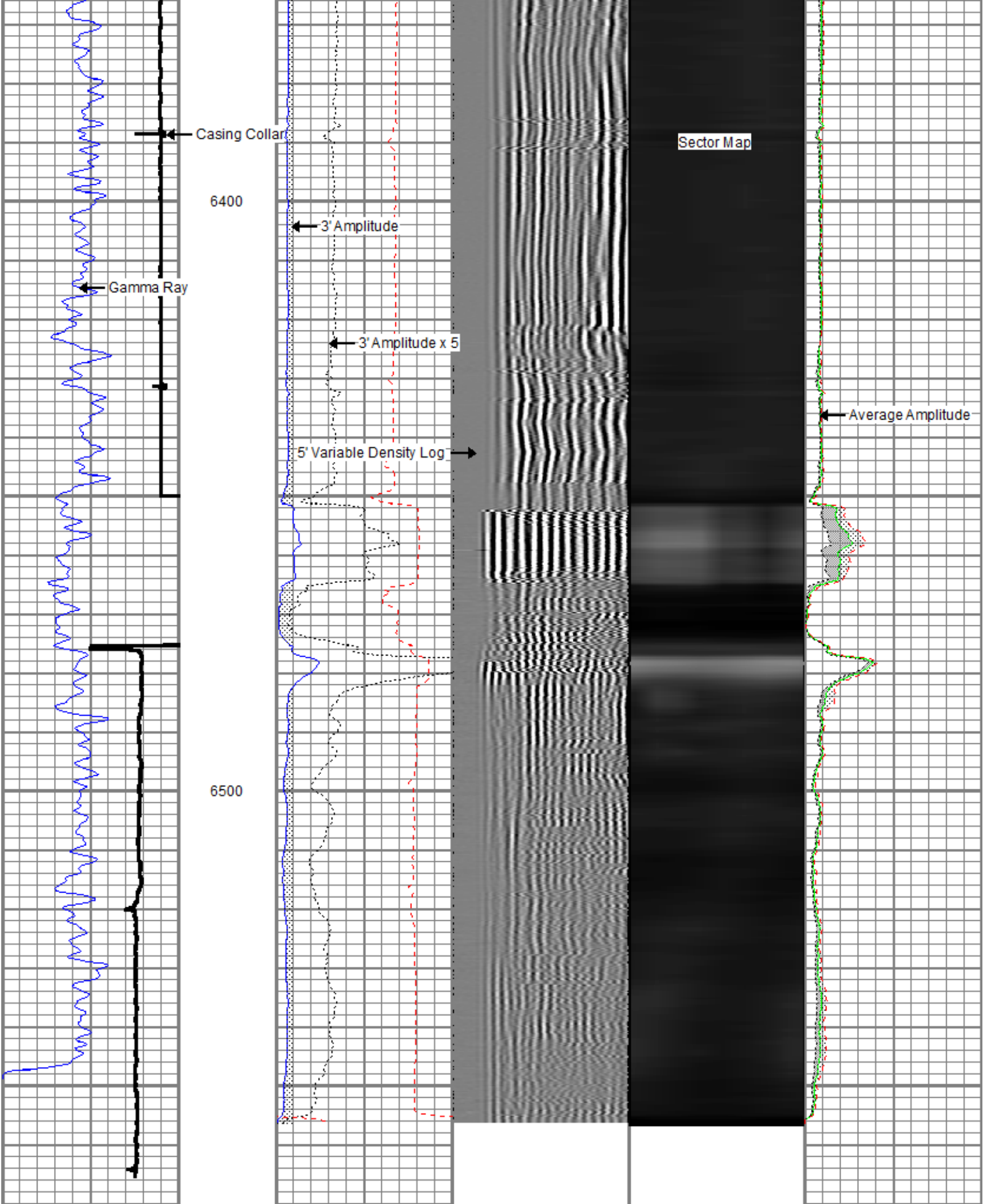












Gamma Ray (GAPI)	0	120
Casing Collar Locator	0	120
3' Amplitude (mV)	0	100
3' Amplitude x 5 (mV)	0	20
3' Travel Time	0	1200
5' Variable Density Log	200	1200
Sector Map	0	100
Average Amplitude	0	100
Minimum Amplitude	0	100
Maximum Amplitude	0	100

0 Wave Time  
650 (usec) 150

Maximum Amplitude  
0 100

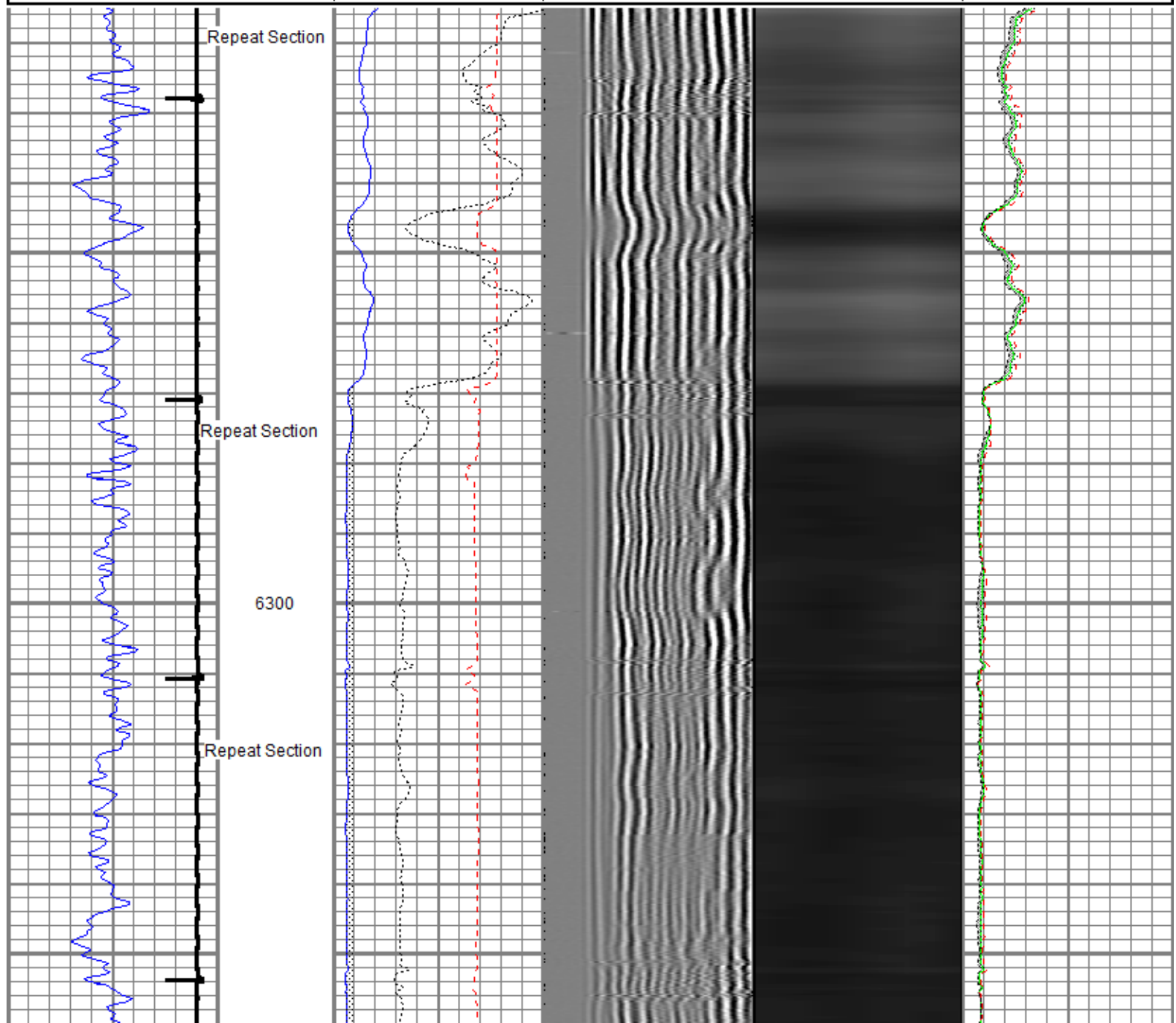


## Repeat Pass

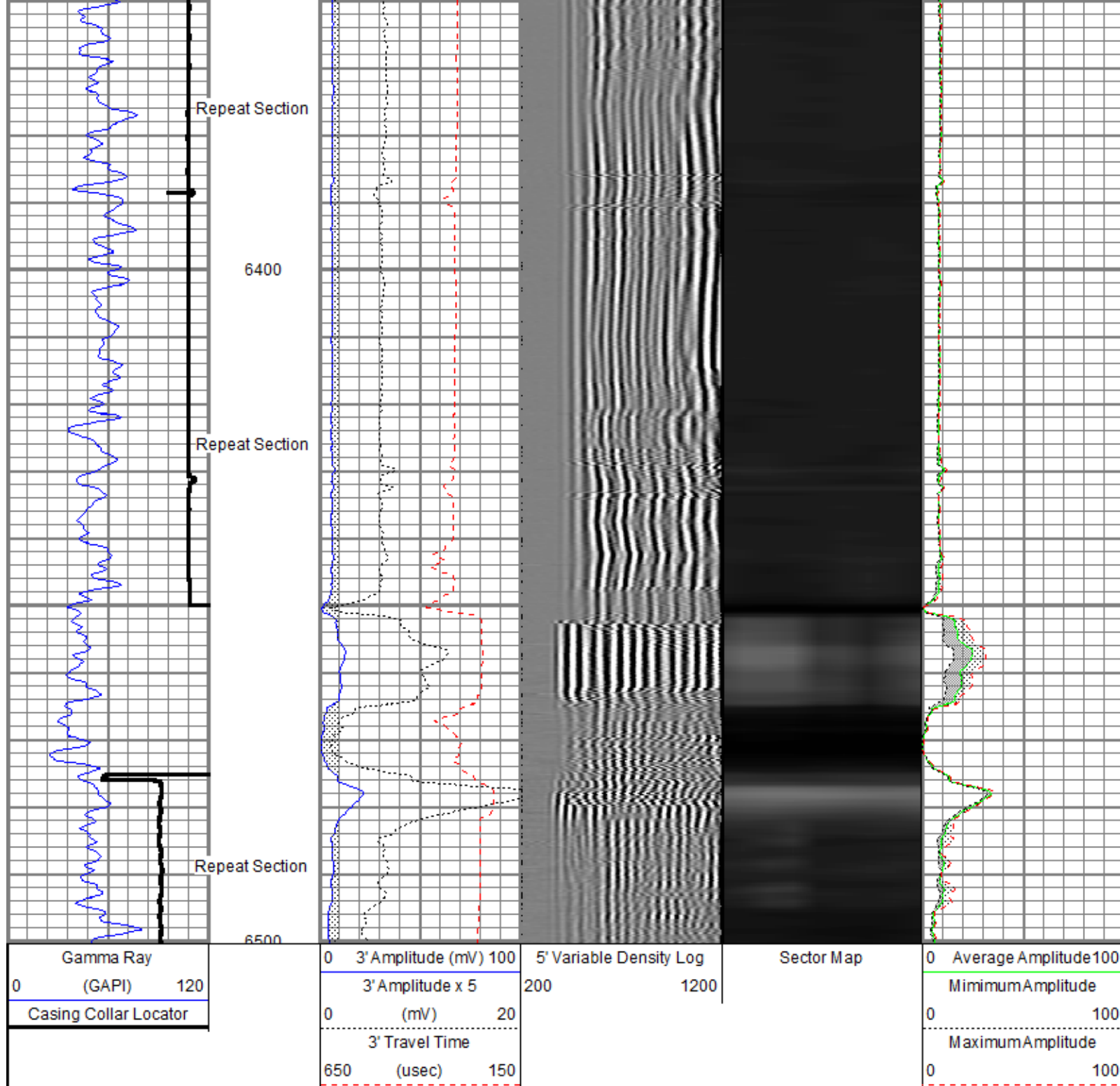
Logged with 2800 PSI Induced Surface Pressure

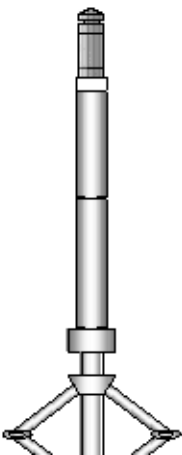
Database File: anadarko\_barefoot state 40n-36hz\_rbt-mit.db  
Dataset Pathname: pass1  
Presentation Format: rbt4\_mit  
Dataset Creation: Sun Jun 29 15:58:23 2014 by Log SCH 111116  
Charted by: Depth in Feet scaled 1:240

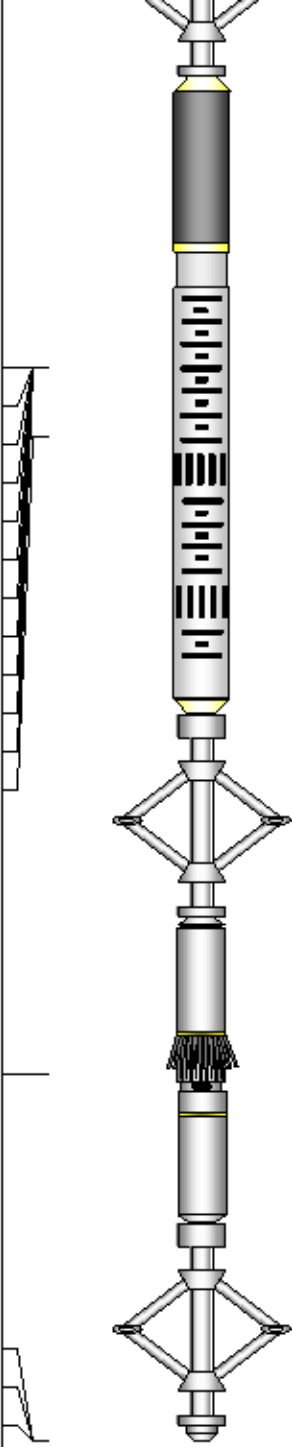
Gamma Ray	0	3' Amplitude (mV) 100	5' Variable Density Log	Sector Map	0	Average Amplitude 100
(GAPI) 120		3' Amplitude x 5	200 1200			Minimum Amplitude
Casing Collar Locator	0	(mV) 20			0	100
		3' Travel Time				Maximum Amplitude
	650	(usec) 150			0	100







Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	23.67		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 (211461) 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-UW_PRC_057 (1037) Sondex 2-3/4" 4-Arm Production Collar Centralizer	2.98	2.75	32.00

			Sondex 2-3/4" 4-Arm Production Roller Centraliser			
WVF3FT	15.85		UW_RBT-UW_RBT_004 (10013454)	9.47	3.13	140.00
WVFS1	15.85		Sondex Ultrawire 3-1/8" Radial Bond Tool			
WVFS2	15.85					
WVFS3	15.85					
WVFS4	15.85					
WVFS5	15.85					
WVFS6	15.85					
WVFS7	15.85					
WVFS8	15.85					
CBLTEMP	15.85		UW_PRC-UW_PRC_057 (1038)	2.98	2.75	32.00
CBLROT	15.85		Sondex 2-3/4" 4-Arm Production Roller Centraliser			
WVF5FT	14.85					
MIT	5.41		UW_MIT-UW_MIT40_042 (10014703)	4.54	2.75	61.10
			40 Multifinger Imaging Tool			
TSTAMP	0.00		UW_PRC #3 -UW_PRC_057 (1101)	2.98	2.75	32.00
ITEMPX	0.00		Sondex 2-3/4" 4-Arm Production Roller Centraliser			
HVOLTX	0.00		UW_BUL-UW_BUL_006 (218707)	0.22	1.69	1.20
			Sondex Ultrawire Bullnose Terminator			
Dataset: anadarko_barefoot state 40n-36hz_rbt-mit.db: field/well/run1/pass2 Total Length: 27.92 ft Total Weight: 319.30 lb O.D. 3.13 in						

Calibration Report	
Database File:	anadarko_barefoot state 40n-36hz_rbt-mit.db
Dataset Pathname:	pass3
Dataset Creation:	Sun Jun 29 18:48:53 2014 by Log SCH 111116
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:				Sun Jun 29 15:25:36 2014			
Ring size:	4		5		6		7
(in)		Sens		Sens		Sens	
Finger 01:	1230	319.0	1549	362.0	1911	414.0	2325
Finger 02:	1173	342.0	1515	380.0	1895	443.0	2338
Finger 03:	1175	342.0	1517	360.0	1877	427.0	2304
Finger 04:	1116	367.0	1483	382.0	1865	459.0	2324
Finger 05:	1130	358.0	1488	352.0	1840	418.0	2258
Finger 06:	1126	386.0	1512	366.0	1878	434.0	2312
Finger 07:	1148	387.0	1535	353.0	1888	412.0	2300
Finger 08:	1100	403.0	1503	367.0	1870	429.0	2299
Finger 09:	1169	412.0	1581	359.0	1940	403.0	2343
Finger 10:	1106	411.0	1517	359.0	1876	402.0	2278
Finger 11:	1101	420.0	1521	368.0	1889	409.0	2298
Finger 12:	1170	420.0	1590	351.0	1941	374.0	2315
Finger 13:	1116	424.0	1540	370.0	1910	398.0	2308
Finger 14:	1085	437.0	1522	391.0	1913	405.0	2318
Finger 15:	1044	435.0	1479	400.0	1879	411.0	2290
Finger 16:	1118	425.0	1543	387.0	1930	387.0	2317
Finger 17:	1123	414.0	1537	388.0	1925	371.0	2296
Finger 18:	1172	406.0	1578	387.0	1965	372.0	2337
Finger 19:	1122	404.0	1526	402.0	1928	379.0	2307
Finger 20:	1036	404.0	1440	418.0	1858	393.0	2251
Finger 21:	1119	382.0	1501	406.0	1907	378.0	2285
Finger 22:	1117	375.0	1492	415.0	1907	382.0	2289
Finger 23:	1211	346.0	1557	392.0	1949	357.0	2306
Finger 24:	1129	361.0	1490	431.0	1921	390.0	2311
Finger 25:	1133	344.0	1477	429.0	1906	393.0	2299
Finger 26:	1172	334.0	1506	424.0	1930	383.0	2313
Finger 27:	1184	316.0	1500	414.0	1914	388.0	2302
Finger 28:	1153	319.0	1472	433.0	1905	405.0	2310
Finger 29:	1135	313.0	1448	436.0	1884	417.0	2301
Finger 30:	1139	303.0	1442	428.0	1870	421.0	2291
Finger 31:	1199	294.0	1493	408.0	1901	396.0	2297
Finger 32:	1149	304.0	1453	414.0	1867	424.0	2291
Finger 33:	1160	296.0	1456	417.0	1873	425.0	2298
Finger 34:	1150	296.0	1446	418.0	1864	437.0	2301
Finger 35:	1210	286.0	1496	391.0	1887	413.0	2300
Finger 36:	1153	298.0	1451	404.0	1855	438.0	2293
Finger 37:	1219	291.0	1510	375.0	1885	414.0	2299
Finger 38:	1250	296.0	1546	373.0	1919	414.0	2333
Finger 39:	1152	309.0	1461	382.0	1843	439.0	2282
Finger 40:	1105	331.0	1436	399.0	1835	464.0	2299

Post Survey Calibration Check								
Performed:				Sun Jun 29 18:48:47 2014				
Ring size:	4	Nom.	5	Nom.	6	Nom.	7	Nom.
(in)		wear		wear		wear		wear
Finger 01:	3.996	-0.002	5.014	0.007	6.002	0.001	7.004	0.002
Finger 02:	3.999	-0.001	5.008	0.004	5.997	-0.001	7.003	0.001
Finger 03:	4.002	0.001	4.995	-0.002	5.997	-0.001	6.996	-0.002
Finger 04:	4.005	0.003	4.997	-0.002	5.996	-0.002	6.998	-0.001
Finger 05:	4.001	0.001	4.983	-0.009	5.998	-0.001	6.998	-0.001
Finger 06:	4.006	0.003	4.979	-0.010	5.996	-0.002	6.998	-0.001
Finger 07:	4.007	0.003	4.972	-0.014	5.991	-0.005	7.000	0.000
Finger 08:	4.009	0.005	4.980	-0.010	5.998	-0.001	6.998	-0.001
Finger 09:	4.005	0.002	4.979	-0.010	5.996	-0.002	6.995	-0.003
Finger 10:	4.009	0.004	4.981	-0.009	5.999	-0.001	6.994	-0.003
Finger 11:	4.012	0.006	4.992	-0.004	6.004	0.002	6.996	-0.002
Finger 12:	4.008	0.004	4.989	-0.005	6.001	0.001	6.996	-0.002

Finger 13:	4.007	0.004	4.992	-0.004	6.004	0.002	7.001	0.000
Finger 14:	4.005	0.002	4.997	-0.002	6.001	0.000	7.002	0.001
Finger 15:	4.005	0.002	5.003	0.001	6.005	0.002	7.000	0.000
Finger 16:	3.999	-0.001	5.004	0.002	6.003	0.001	7.004	0.002
Finger 17:	4.001	0.001	5.005	0.003	5.987	-0.007	6.998	-0.001
Finger 18:	3.995	-0.003	5.008	0.004	6.000	0.000	7.011	0.006
Finger 19:	3.999	-0.000	5.008	0.004	5.998	-0.001	7.008	0.004
Finger 20:	3.994	-0.003	5.005	0.003	5.998	-0.001	6.999	-0.001
Finger 21:	3.999	-0.000	5.000	0.000	5.997	-0.001	7.002	0.001
Finger 22:	3.993	-0.003	4.995	-0.003	5.997	-0.001	7.000	0.000
Finger 23:	4.000	-0.000	4.996	-0.002	5.998	-0.001	7.006	0.003
Finger 24:	4.004	0.002	4.992	-0.004	5.997	-0.001	6.994	-0.003
Finger 25:	4.007	0.004	4.989	-0.006	6.000	-0.000	7.002	0.001
Finger 26:	4.001	0.001	4.985	-0.007	5.994	-0.003	6.992	-0.004
Finger 27:	4.009	0.005	4.983	-0.008	5.998	-0.001	6.995	-0.003
Finger 28:	4.012	0.006	4.989	-0.005	6.001	0.000	6.993	-0.004
Finger 29:	4.011	0.006	4.981	-0.009	6.002	0.001	7.002	0.001
Finger 30:	4.011	0.006	4.984	-0.008	6.000	-0.000	6.998	-0.001
Finger 31:	4.008	0.004	4.987	-0.007	5.998	-0.001	6.997	-0.002
Finger 32:	4.003	0.002	4.976	-0.012	5.996	-0.002	7.004	0.002
Finger 33:	4.010	0.005	4.992	-0.004	5.999	-0.001	6.994	-0.003
Finger 34:	4.002	0.001	4.996	-0.002	6.000	-0.000	6.999	-0.000
Finger 35:	4.004	0.002	5.003	0.002	6.000	0.000	7.002	0.001
Finger 36:	4.000	-0.000	4.999	-0.001	5.998	-0.001	6.999	-0.001
Finger 37:	3.997	-0.002	5.003	0.002	6.003	0.001	7.007	0.004
Finger 38:	3.991	-0.005	5.007	0.003	5.997	-0.001	7.008	0.004
Finger 39:	4.002	0.001	5.008	0.004	6.000	0.000	7.005	0.003
Finger 40:	4.001	0.000	5.004	0.002	5.999	-0.001	6.999	-0.000
Average:	4.003	0.002	4.994	-0.003	5.999	-0.001	7.000	-0.000

#### Segmented Cement Bond Log Calibration Report

Serial Number: 10013454  
Tool Model: UW\_RBT\_004  
  
Calibration Casing Diameter: 7.000 in  
Calibration Depth: 29.865 ft

#### Master Calibration, performed Sun Jun 29 15:29:41 2014:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	-0.001	0.764	0.800	62.165	80.230	0.874
5FT	-0.002	0.802	0.800	62.165	76.263	0.986
S1	-0.000	0.769	0.000	100.000	129.937	0.049
S2	-0.002	0.773	0.000	100.000	128.976	0.315
S3	-0.001	0.771	0.000	100.000	129.492	0.168
S4	-0.003	0.765	0.000	100.000	130.301	0.329
S5	-0.001	0.755	0.000	100.000	132.210	0.157
S6	-0.002	0.757	0.000	100.000	131.751	0.322
S7	-0.001	0.757	0.000	100.000	131.859	0.161
S8	-0.001	0.764	0.000	100.000	130.729	0.160

#### 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: 1.5000 GAPI/cps





Company	Midcon Petroleum Corporation	
Well	Barefoot State 40N-36HZ	
Field	Wattenberg	
County	Weld	
State	Colorado	Country