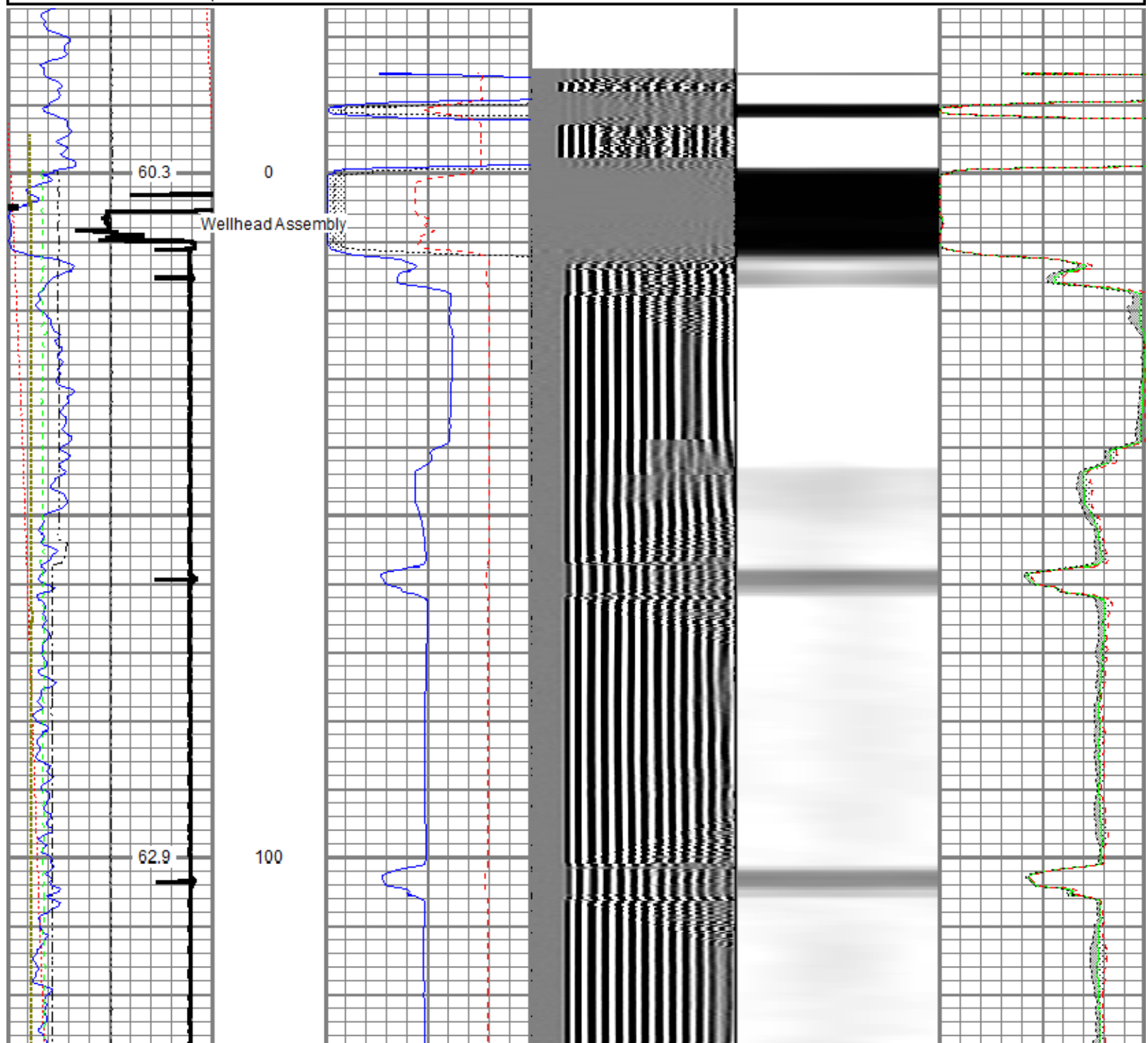


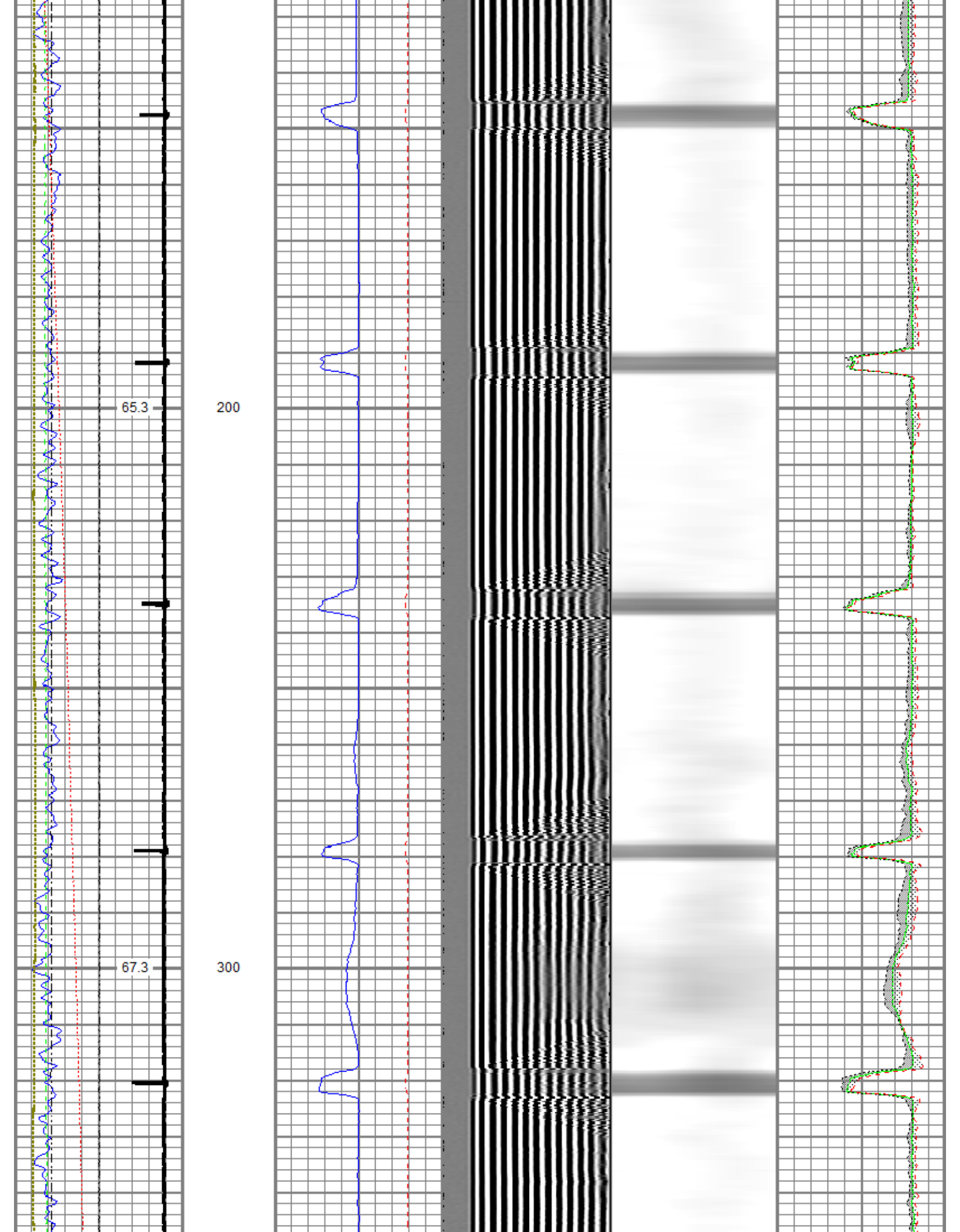


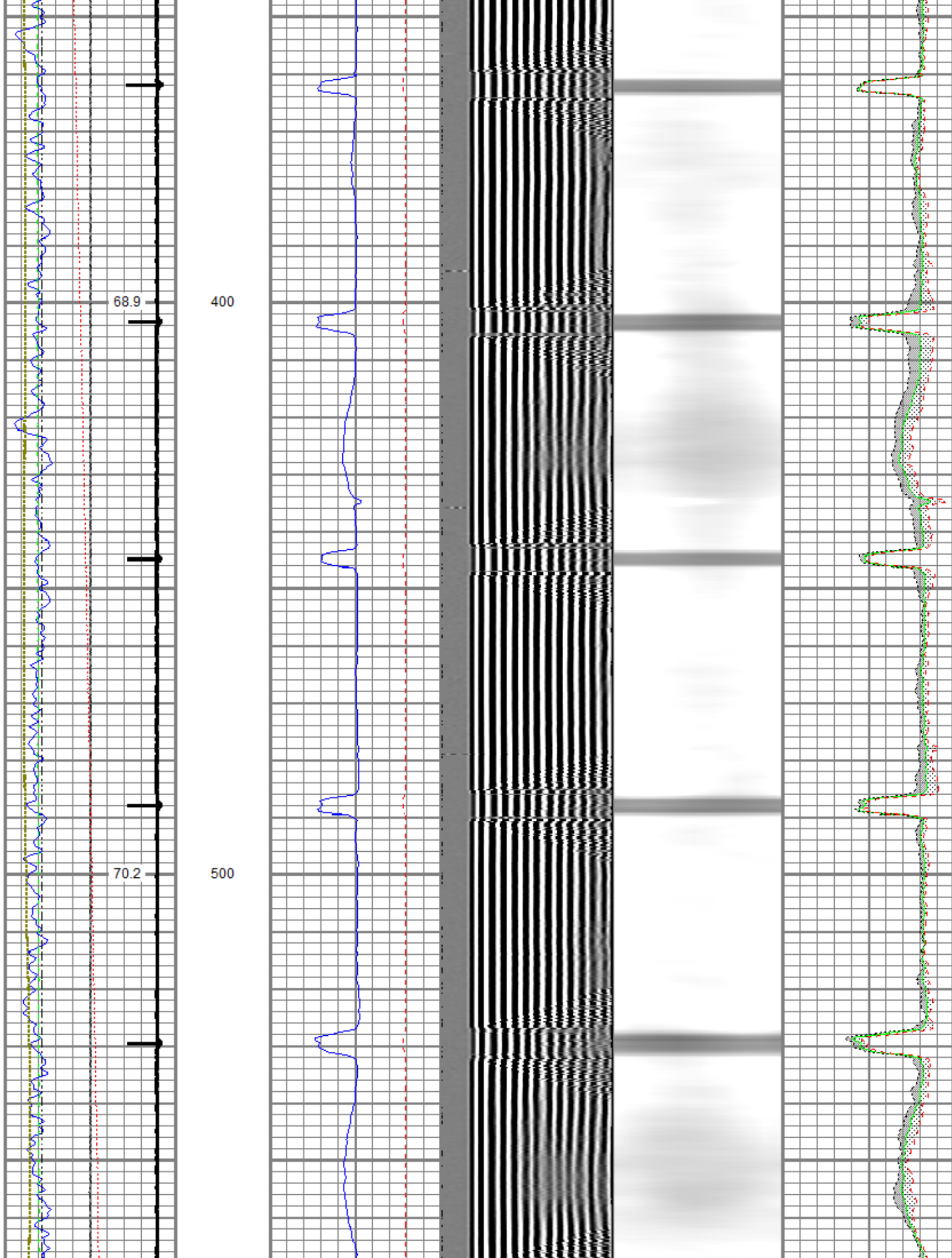
<<< Fold Here >>>
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible 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 6388 FT Adjusted -9 FT to correlate with Liner Top Gauge Ring/Junk Basket ran to 7784 FT Retrievable Bridge Plug set at 6944 FT Log ran with 0 PSI Surface Induced Pressure Logging tools were clean and free of debris upon completion of operations Thank you for choosing Reliance Oilfield Services, LLC!!

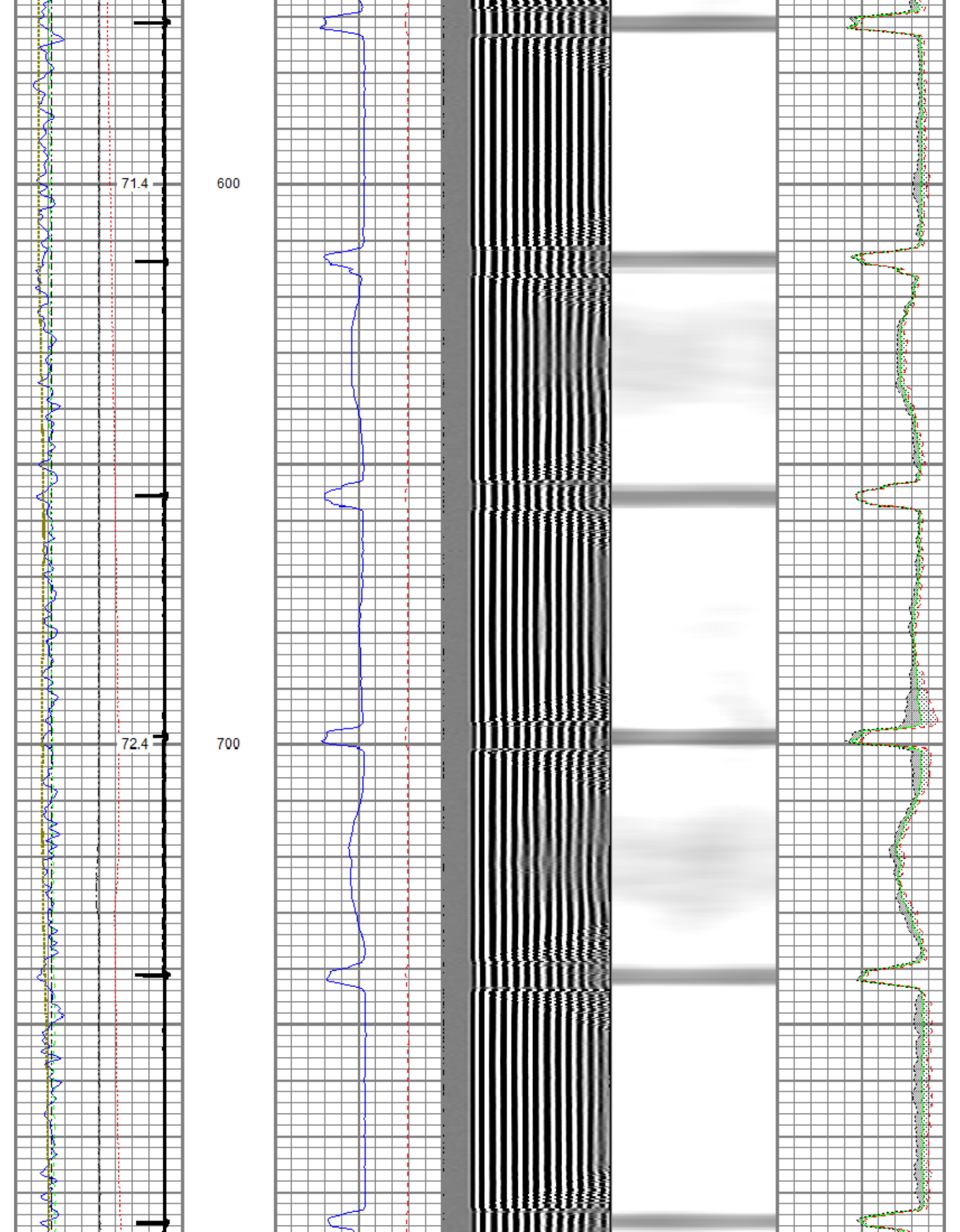
Database File	anadarko\0512347585_anadarko_baja berg 35-8hz_rbl_mit_03-23-19\processed_0512347585_anadarko_baja berg 35-8hz_r
Dataset Pathname	RCBL-MIT/Main.2
Presentation Format	ros_rbt_mit_sx
Dataset Creation	Mon Mar 25 11:08:32 2019
Charted by	Depth in Feet scaled 1:240

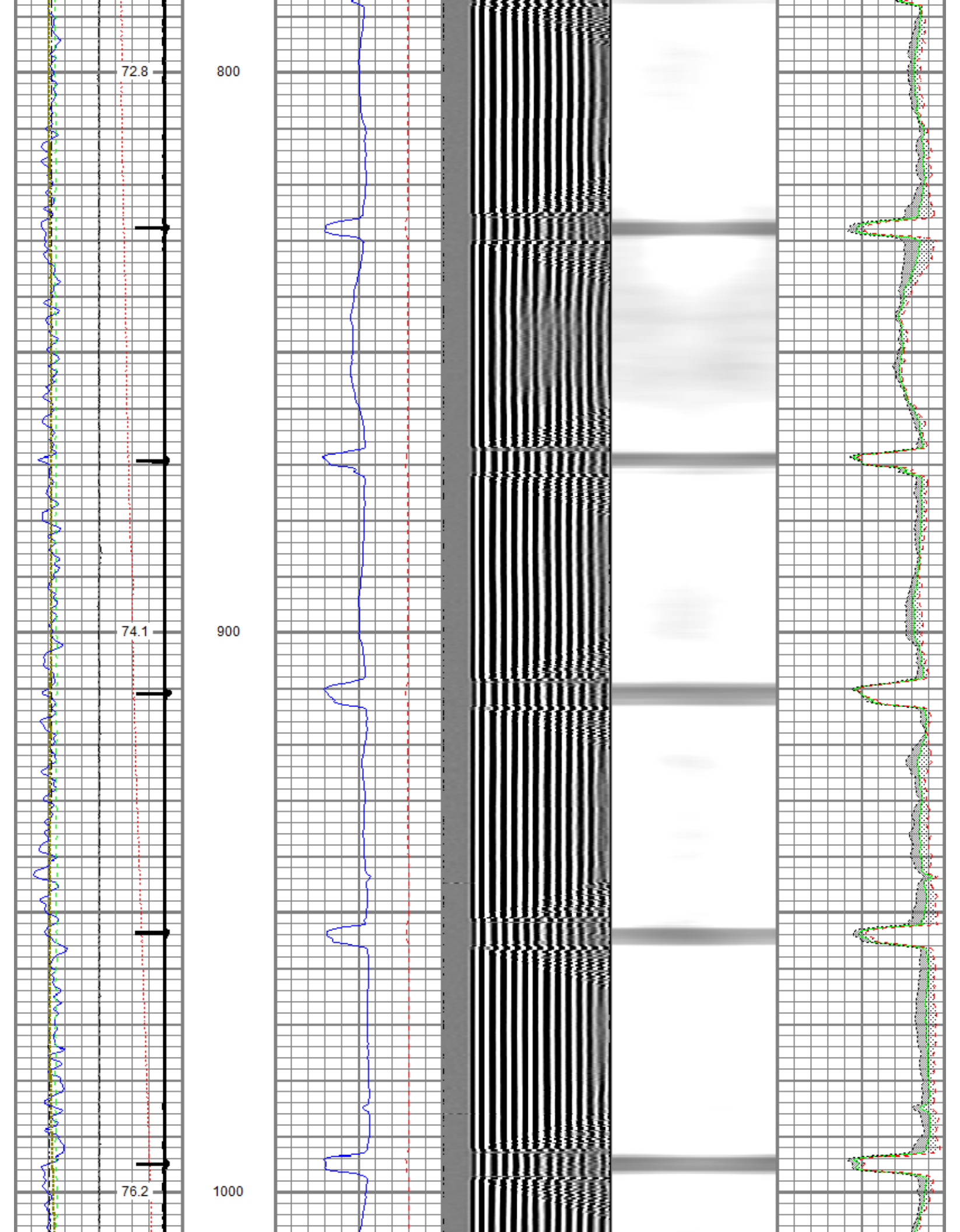
Gamma Ray	0	3' Amplitude (mV) 100	5' Variable Density Log	Sector Map	0	Average Amplitude 100
(GAPI) 120		3' Amplitude x 5	200			Minimum Amplitude
Line Speed	0	(mV) 20			0	100
(ft/min) 100		3' Travel Time				Maximum Amplitude
Line Tension (lb) 2000	0	650 (usec) 150			0	100
Differential Temperature			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

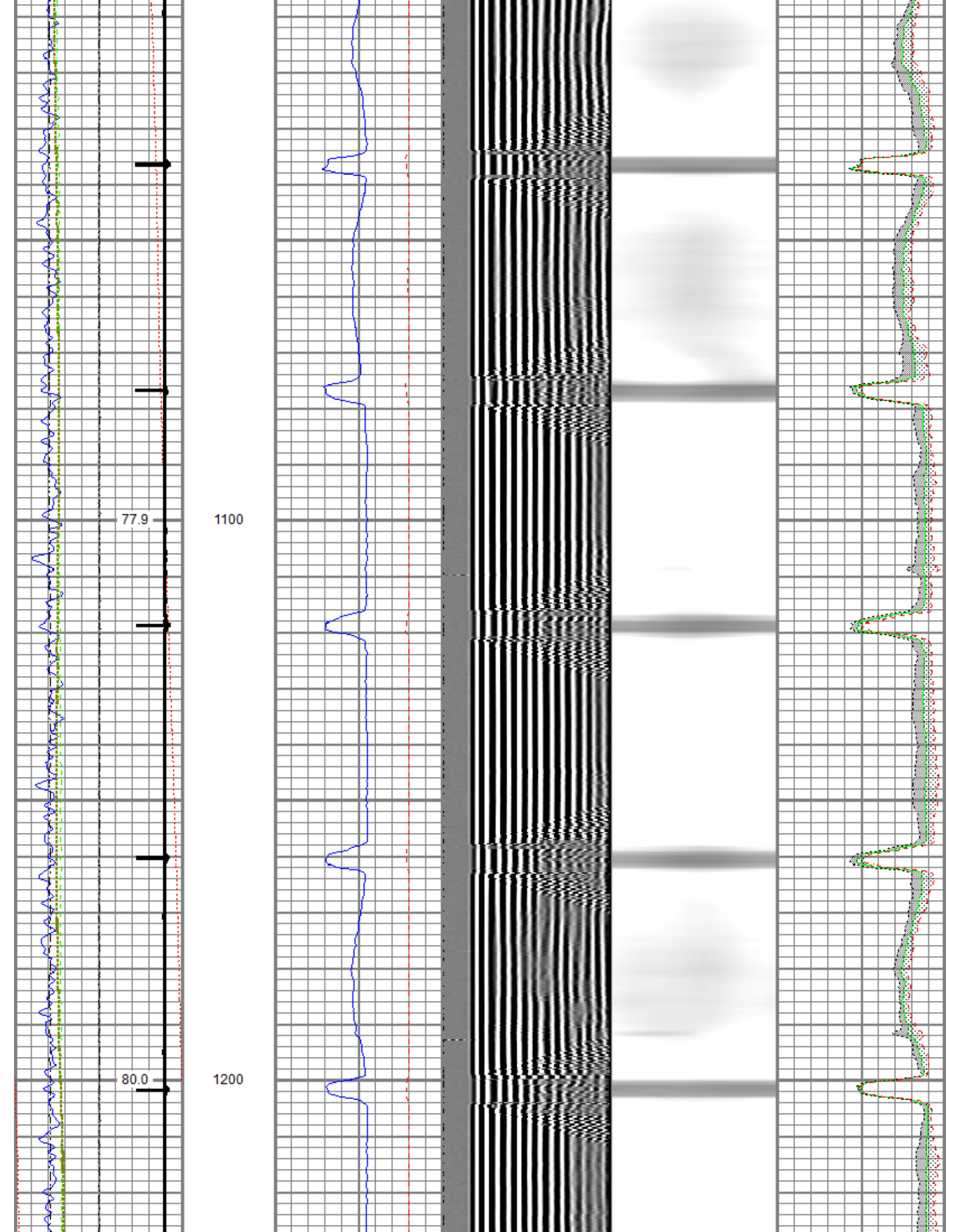


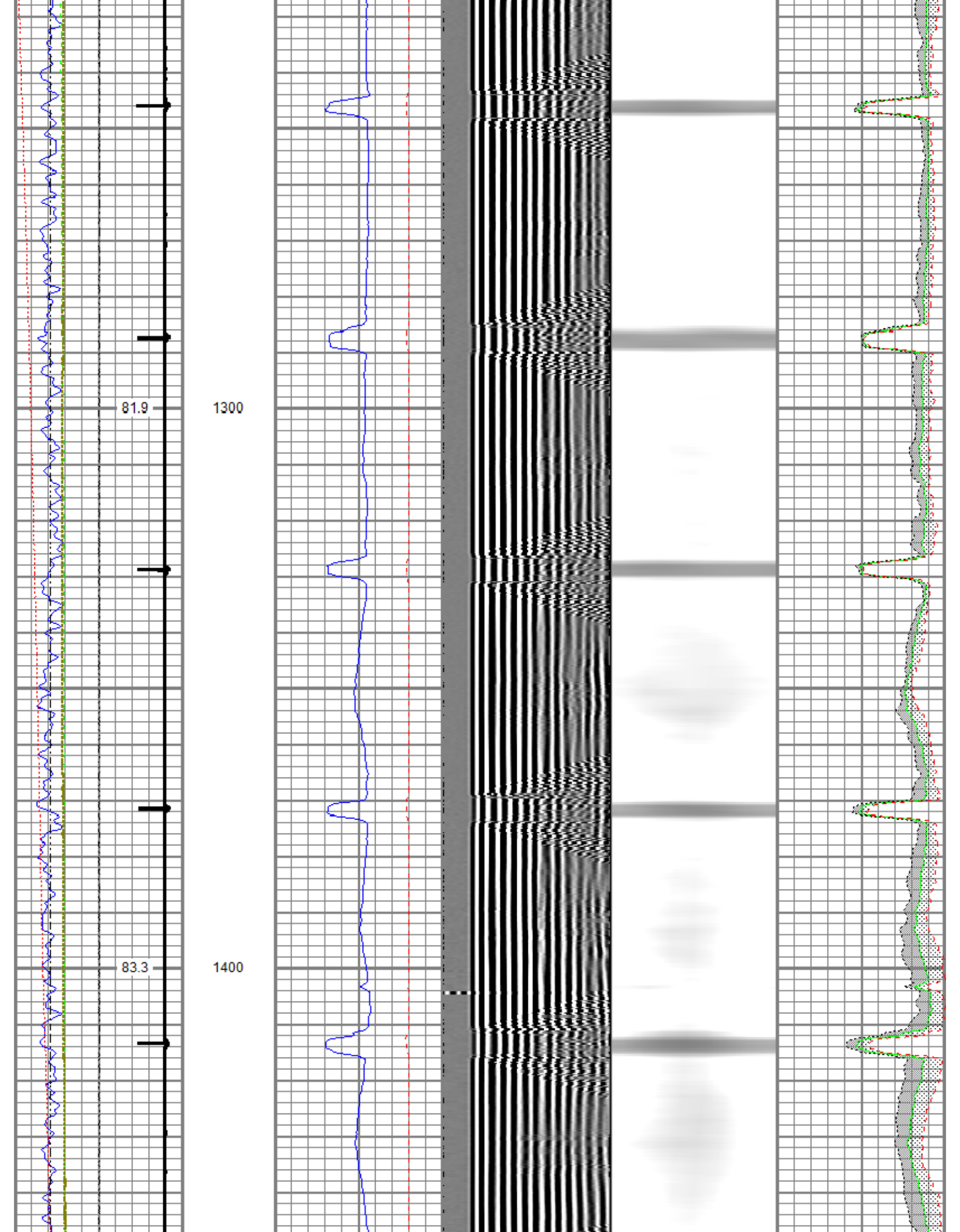


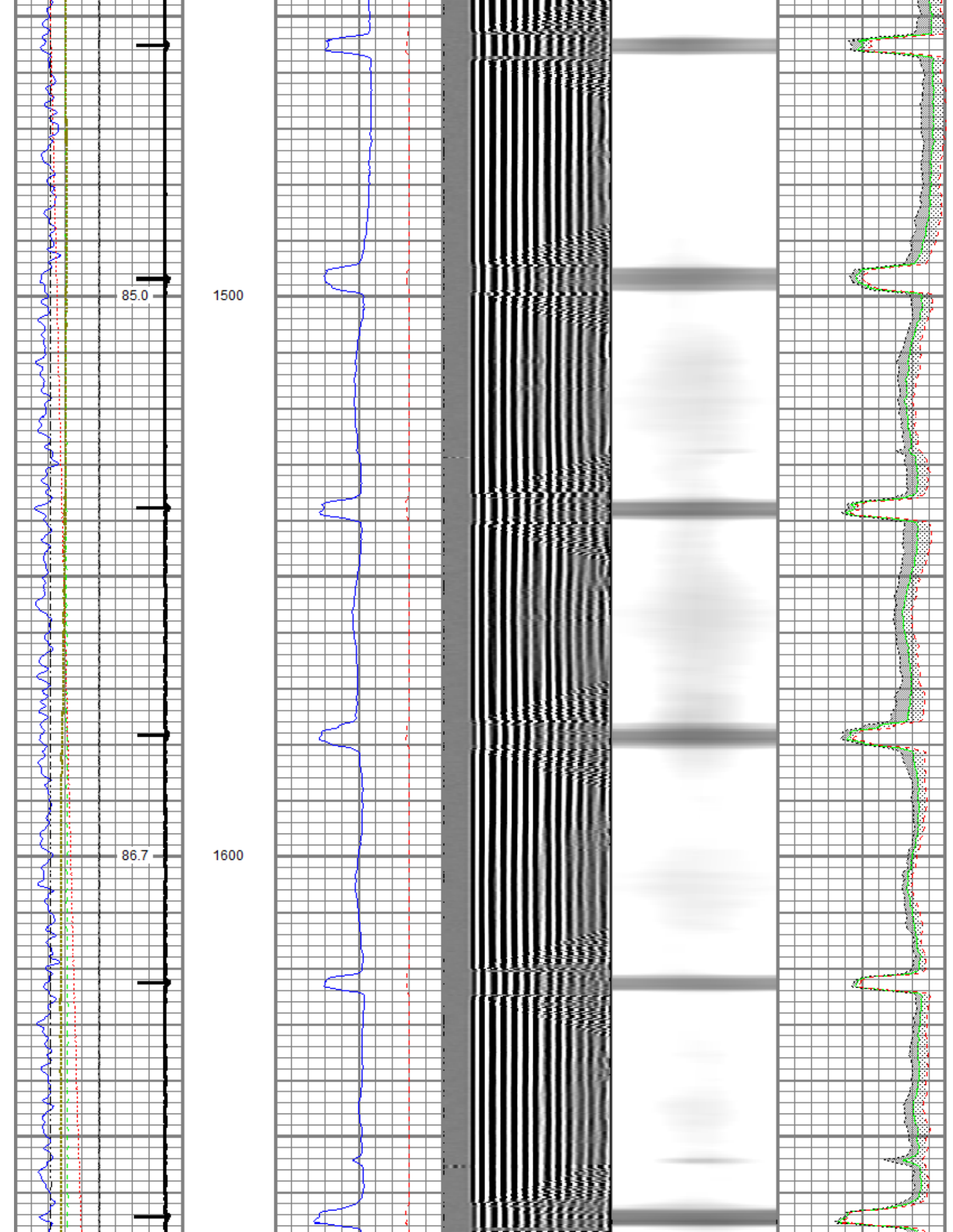


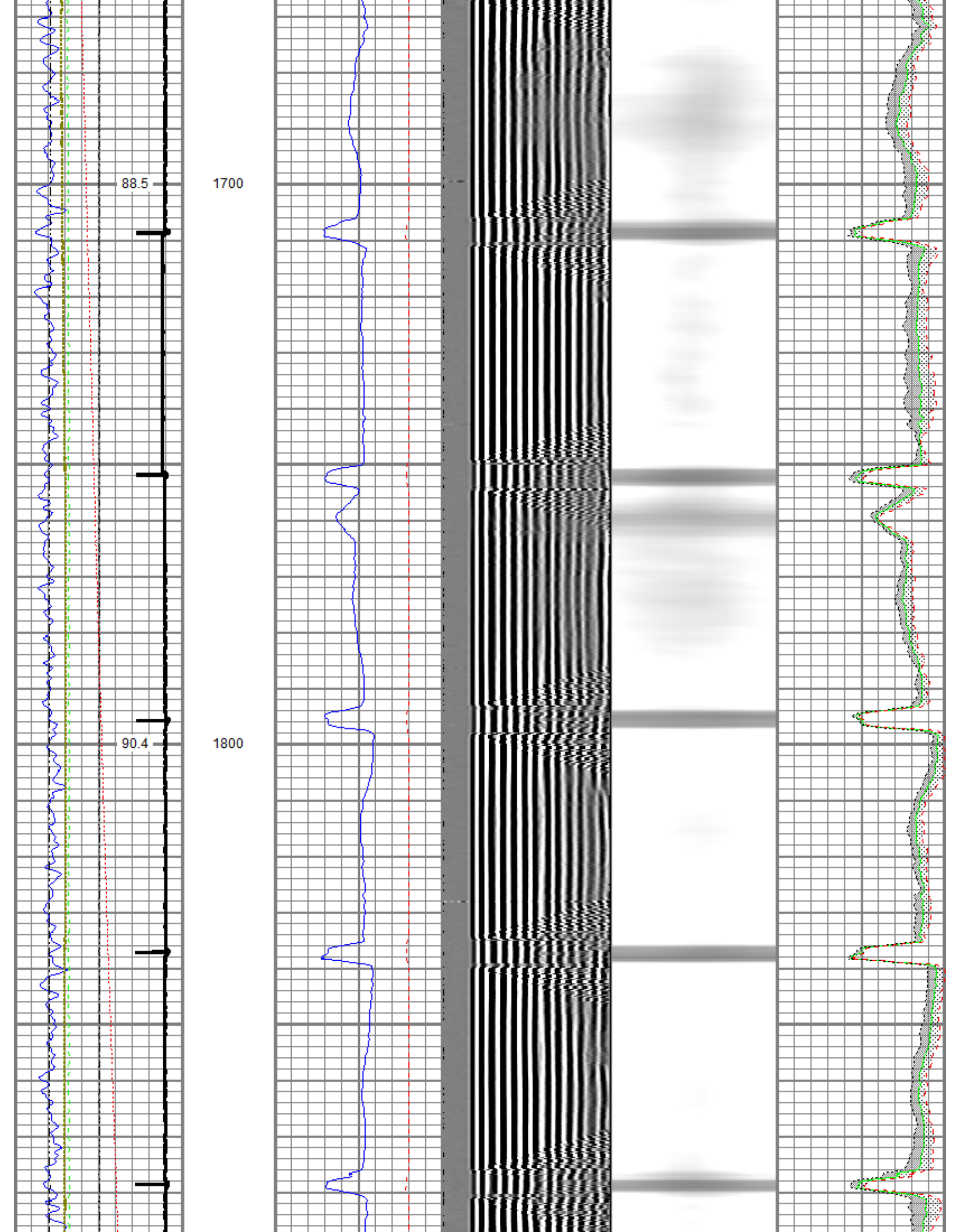


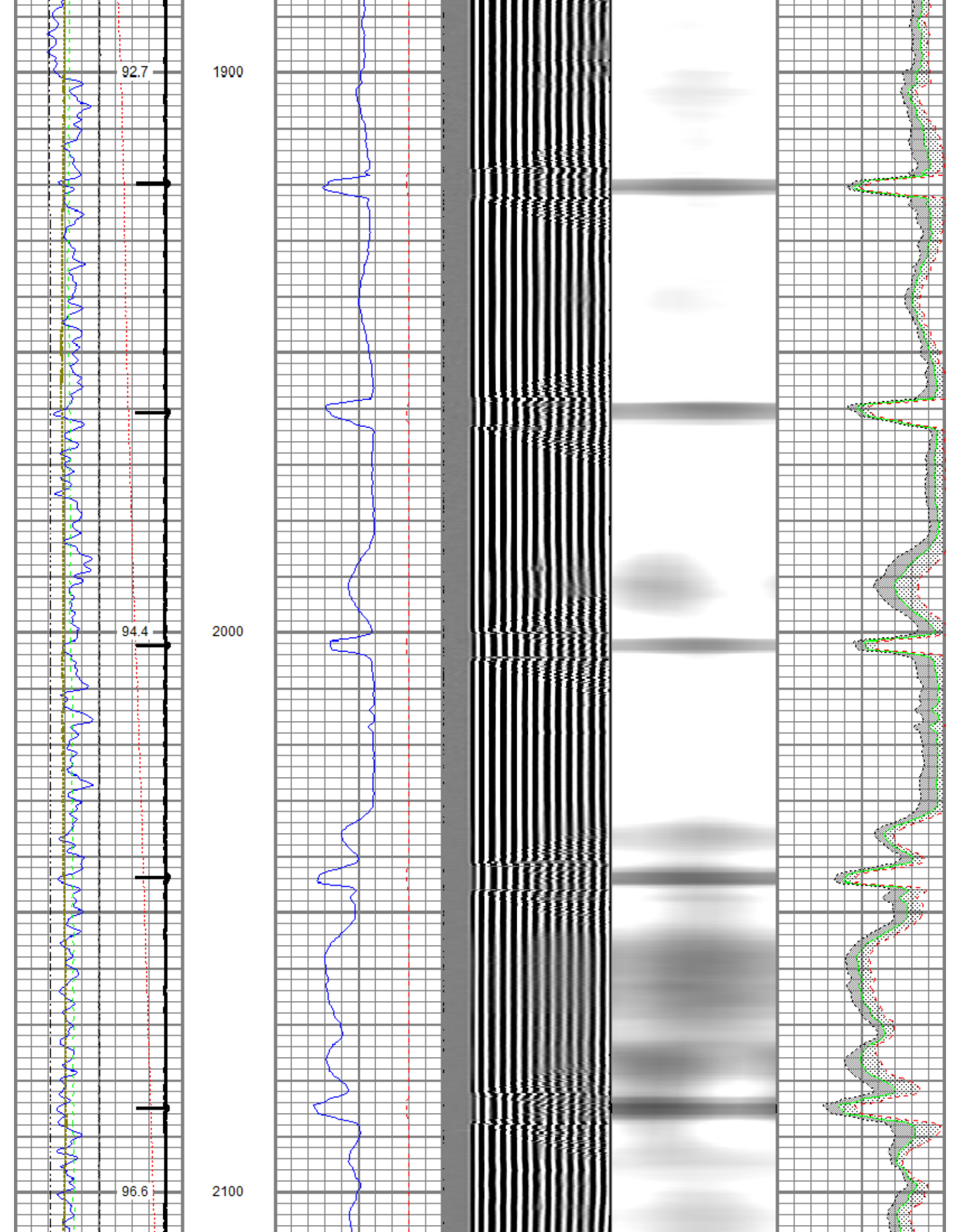


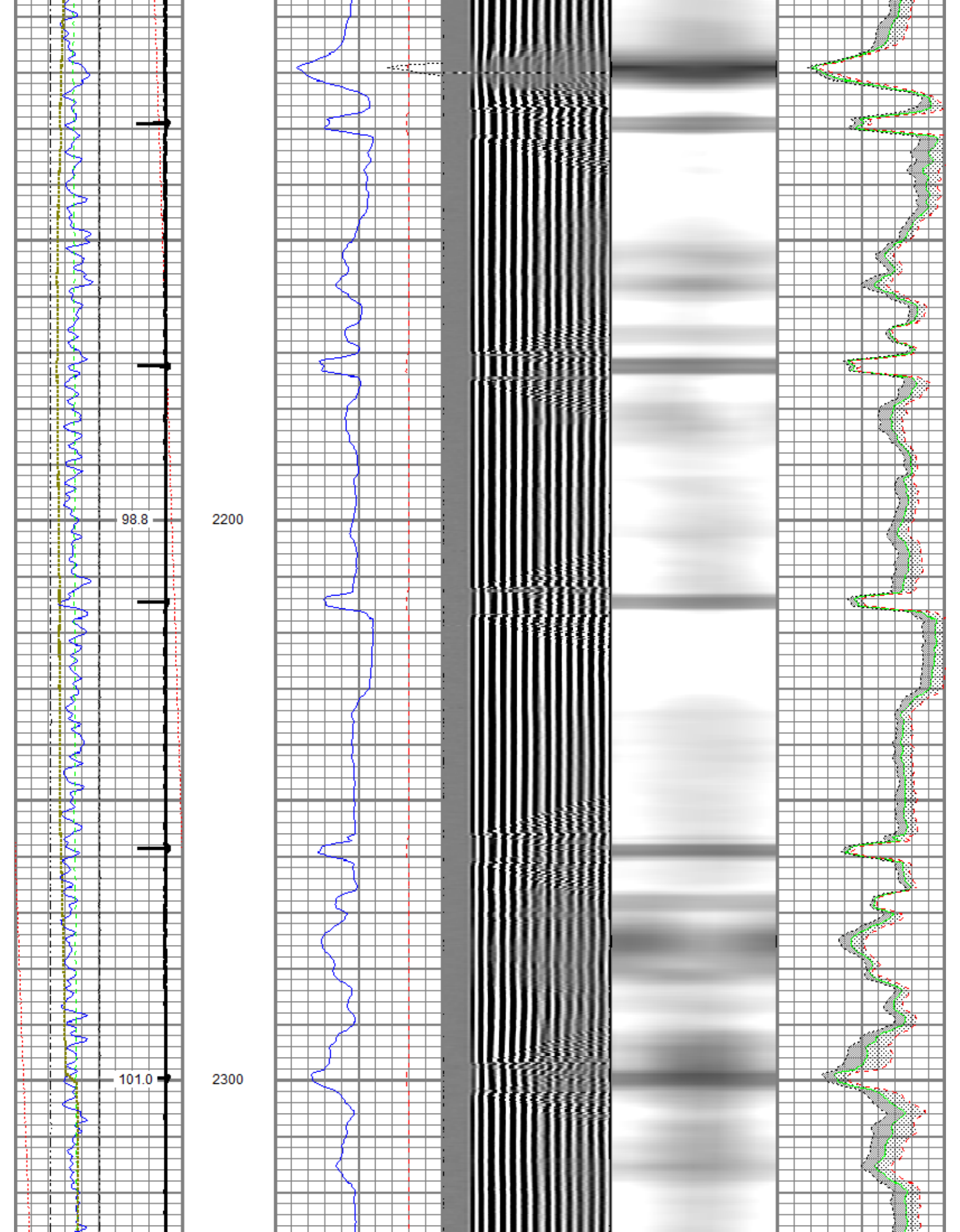


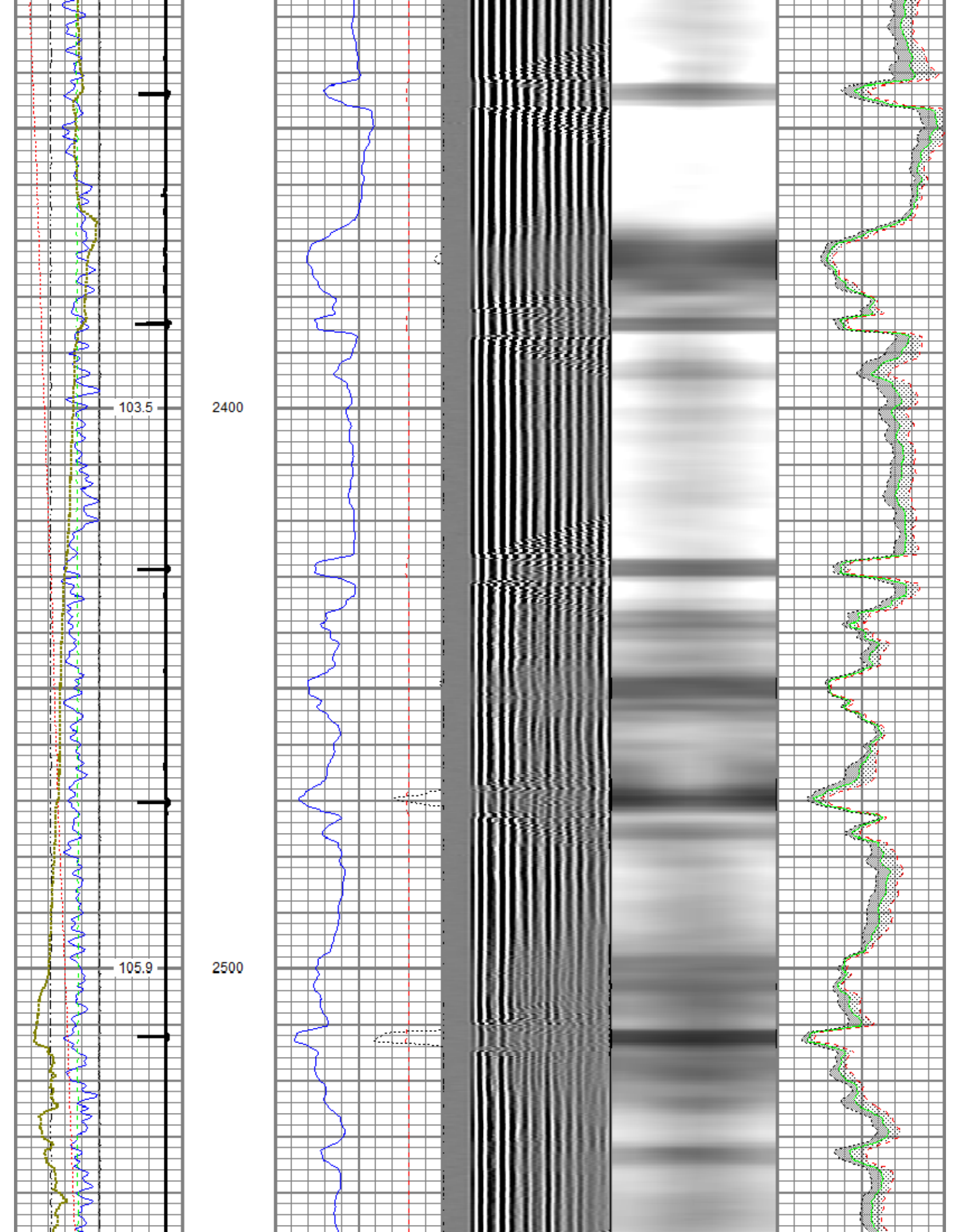


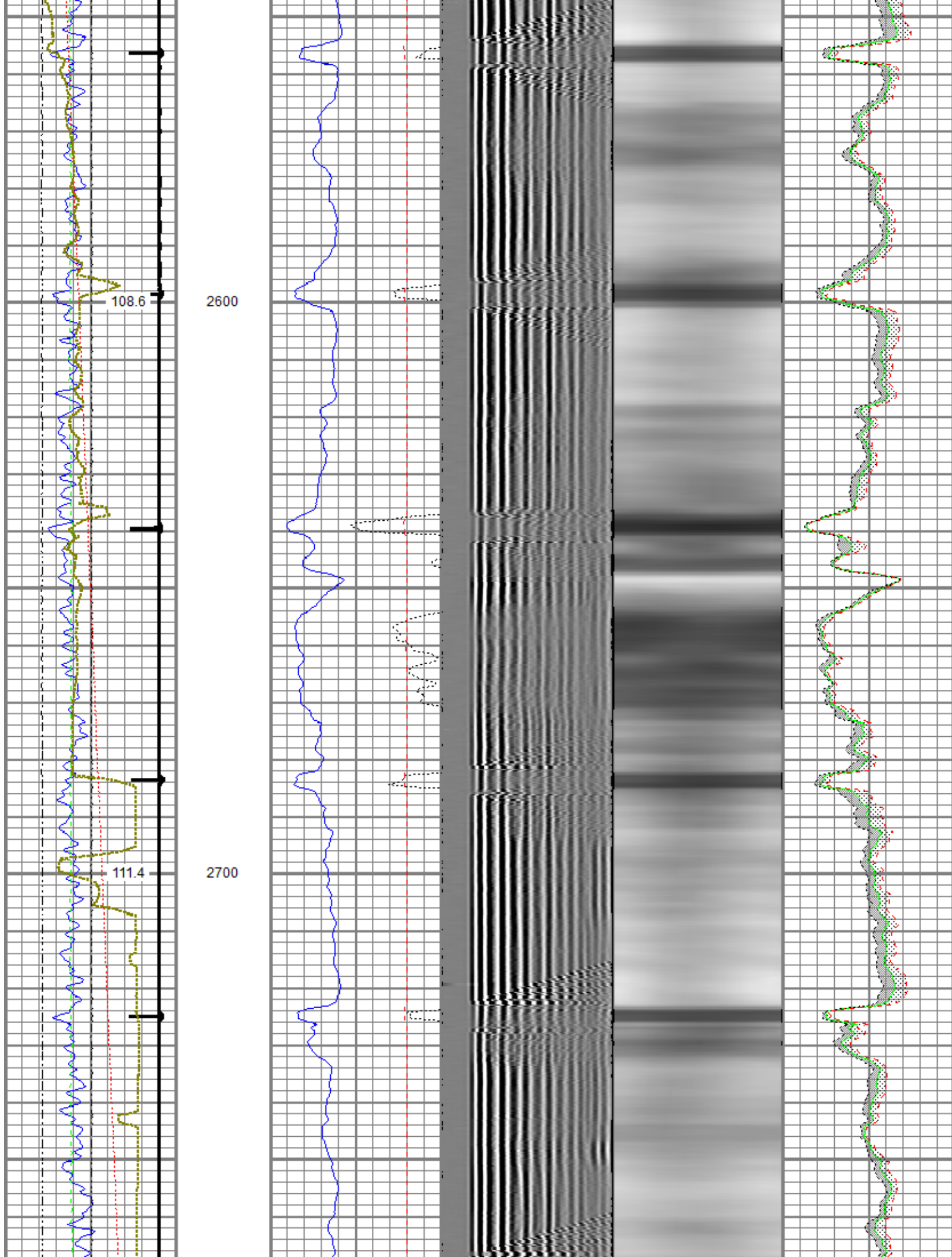


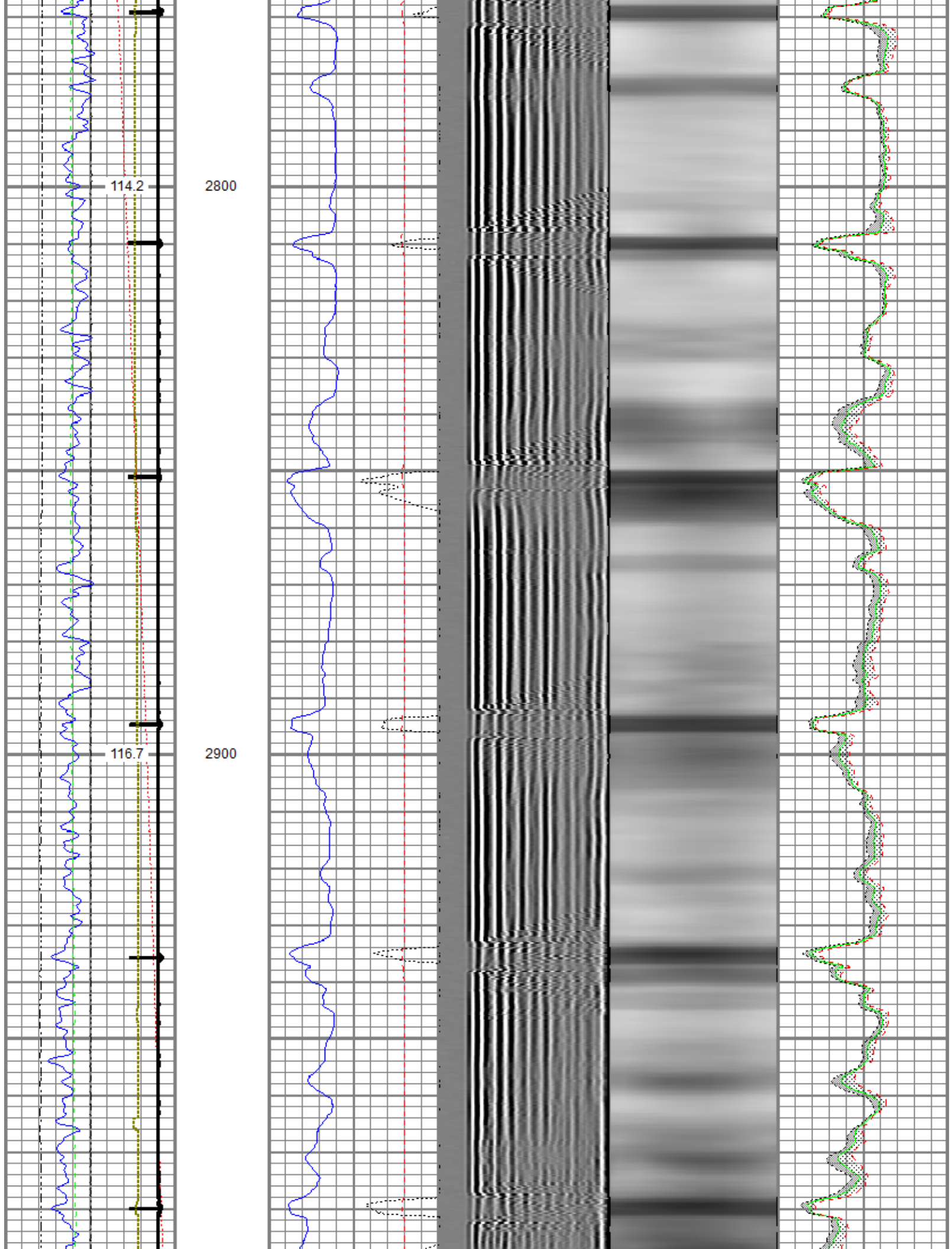


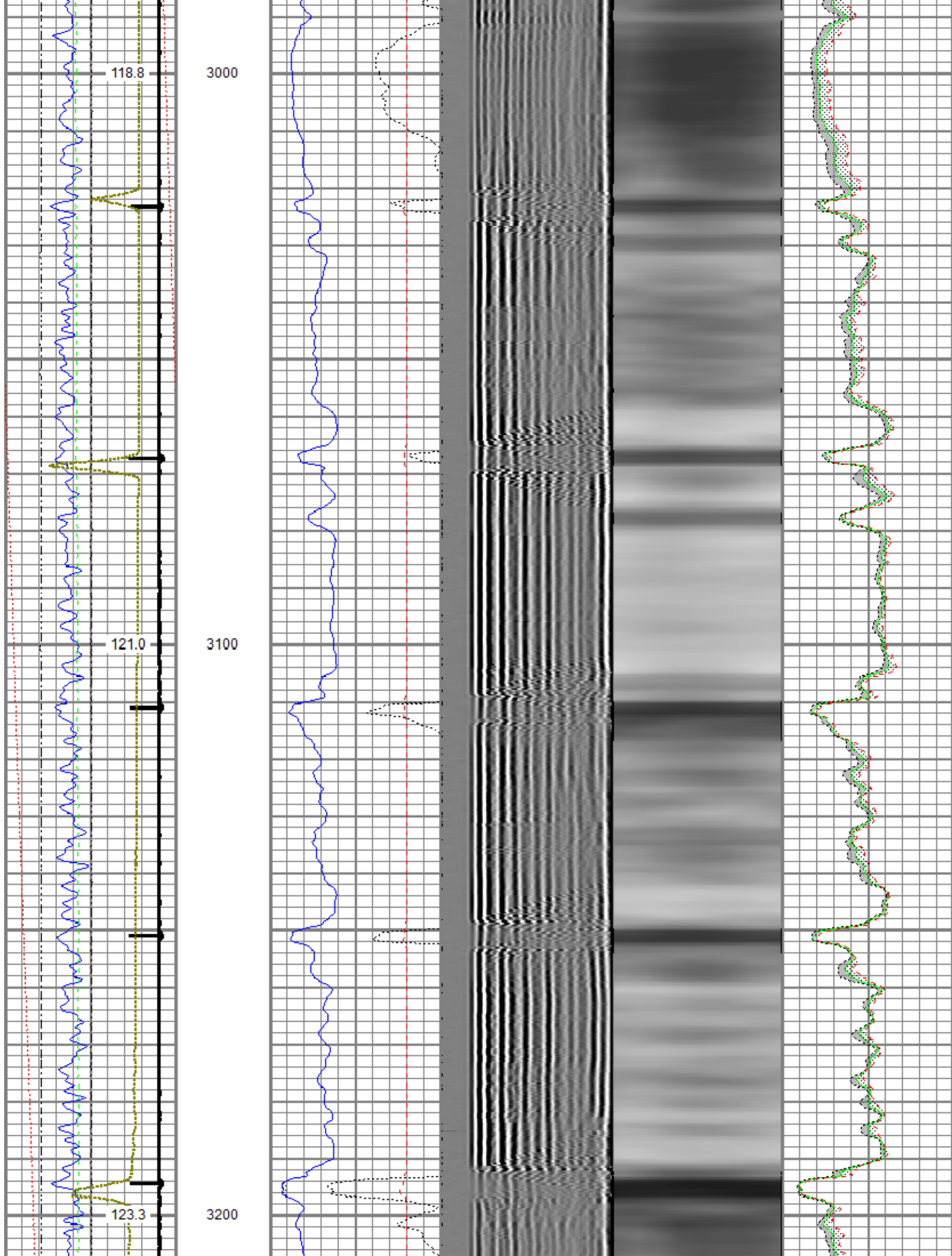


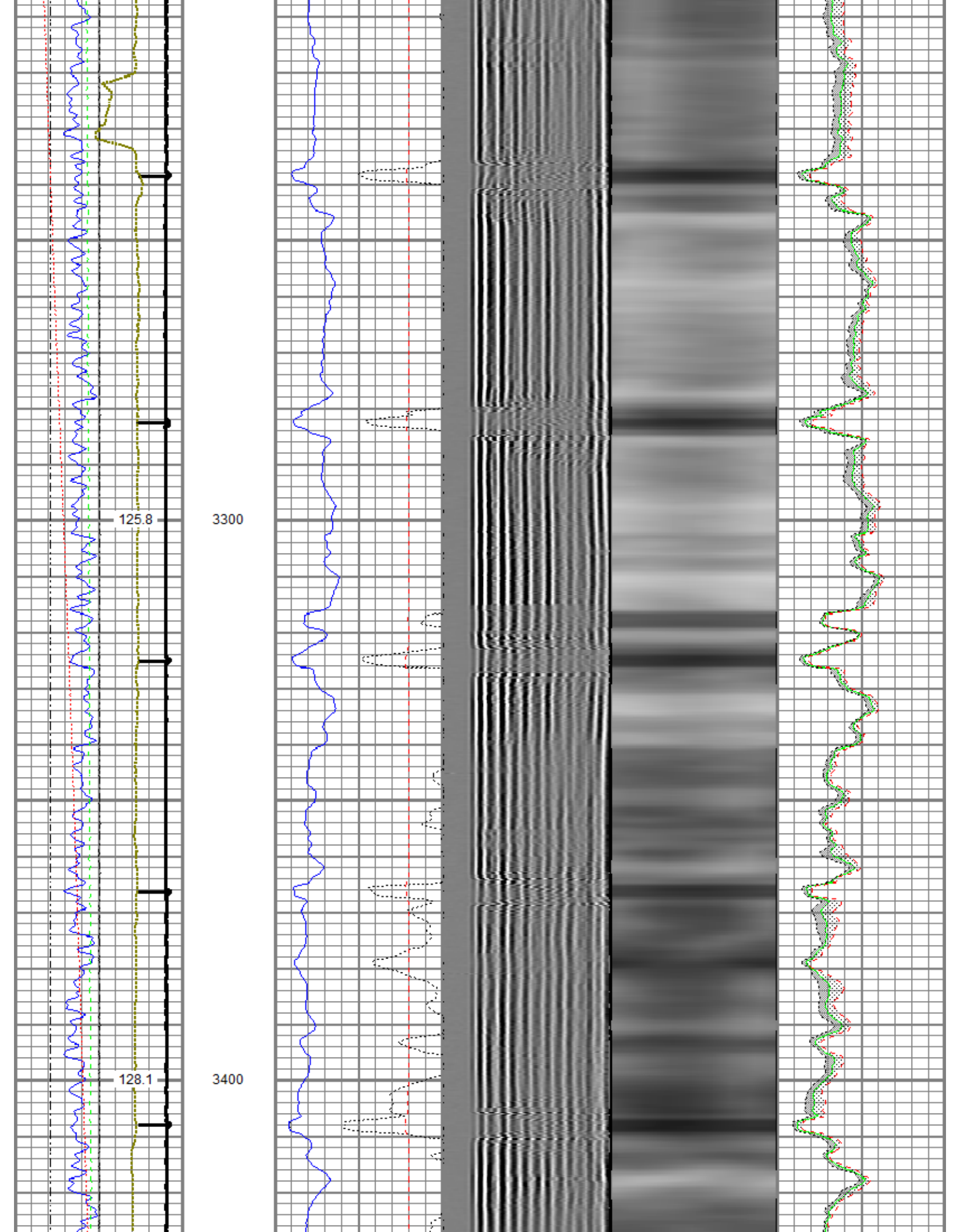


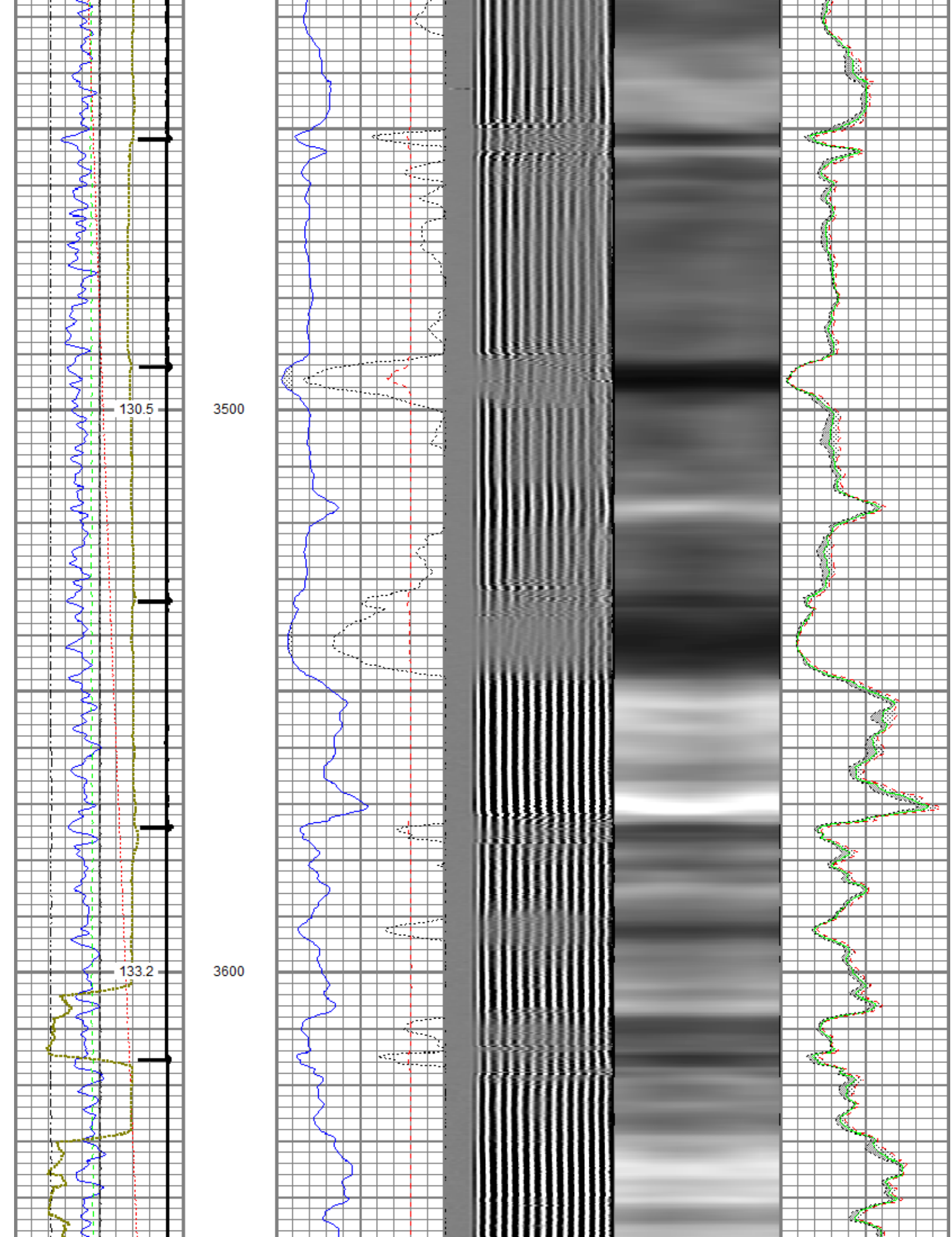


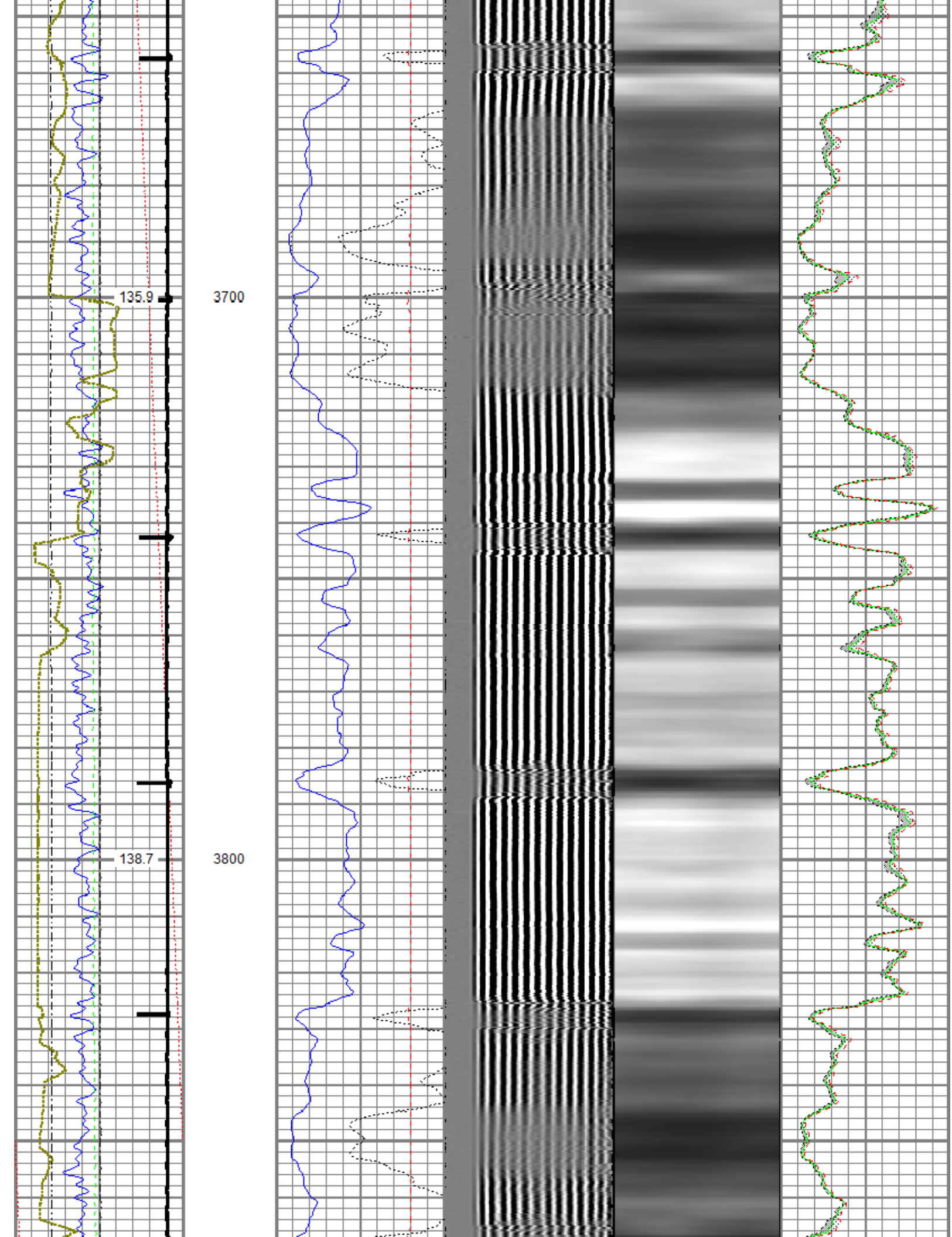


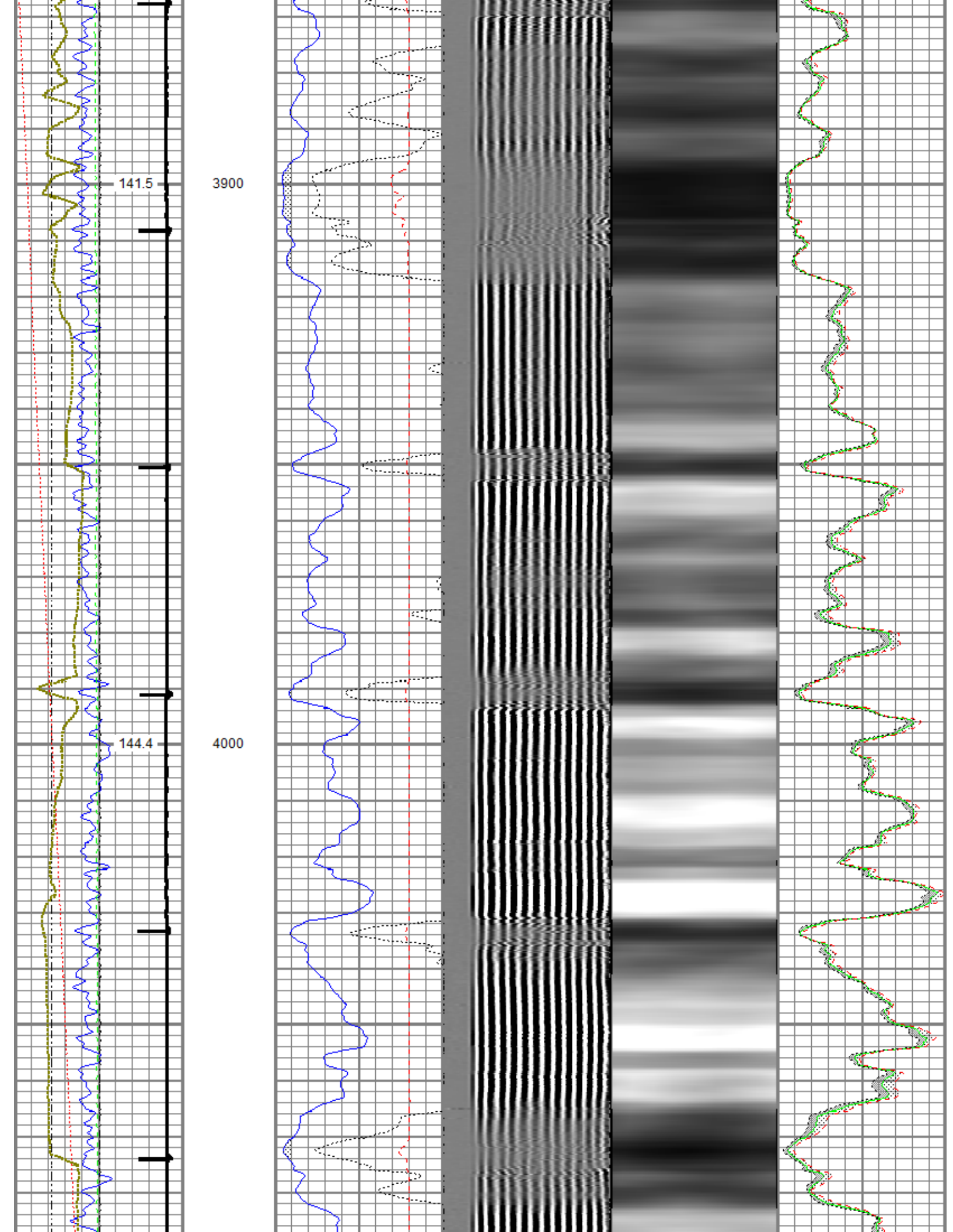


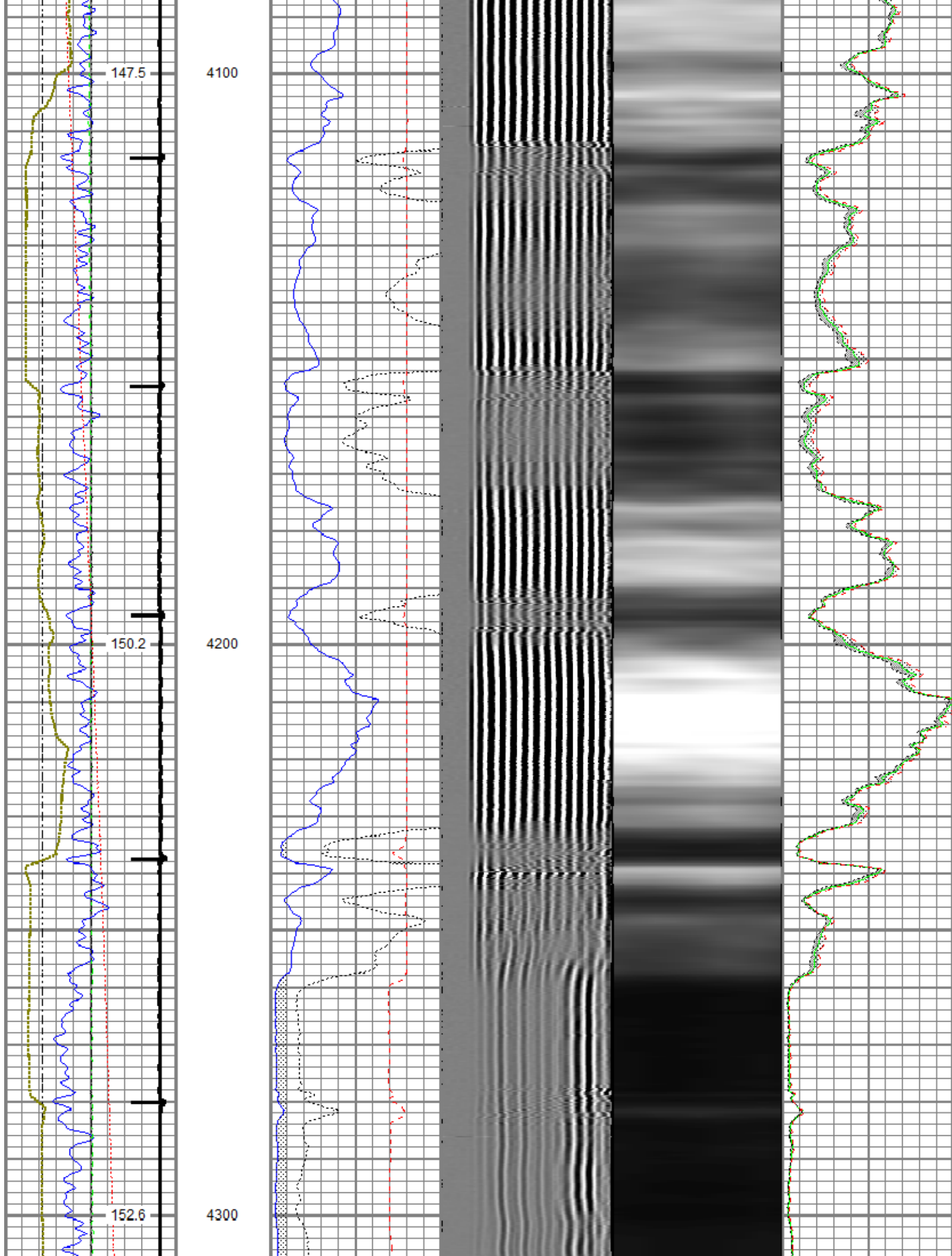


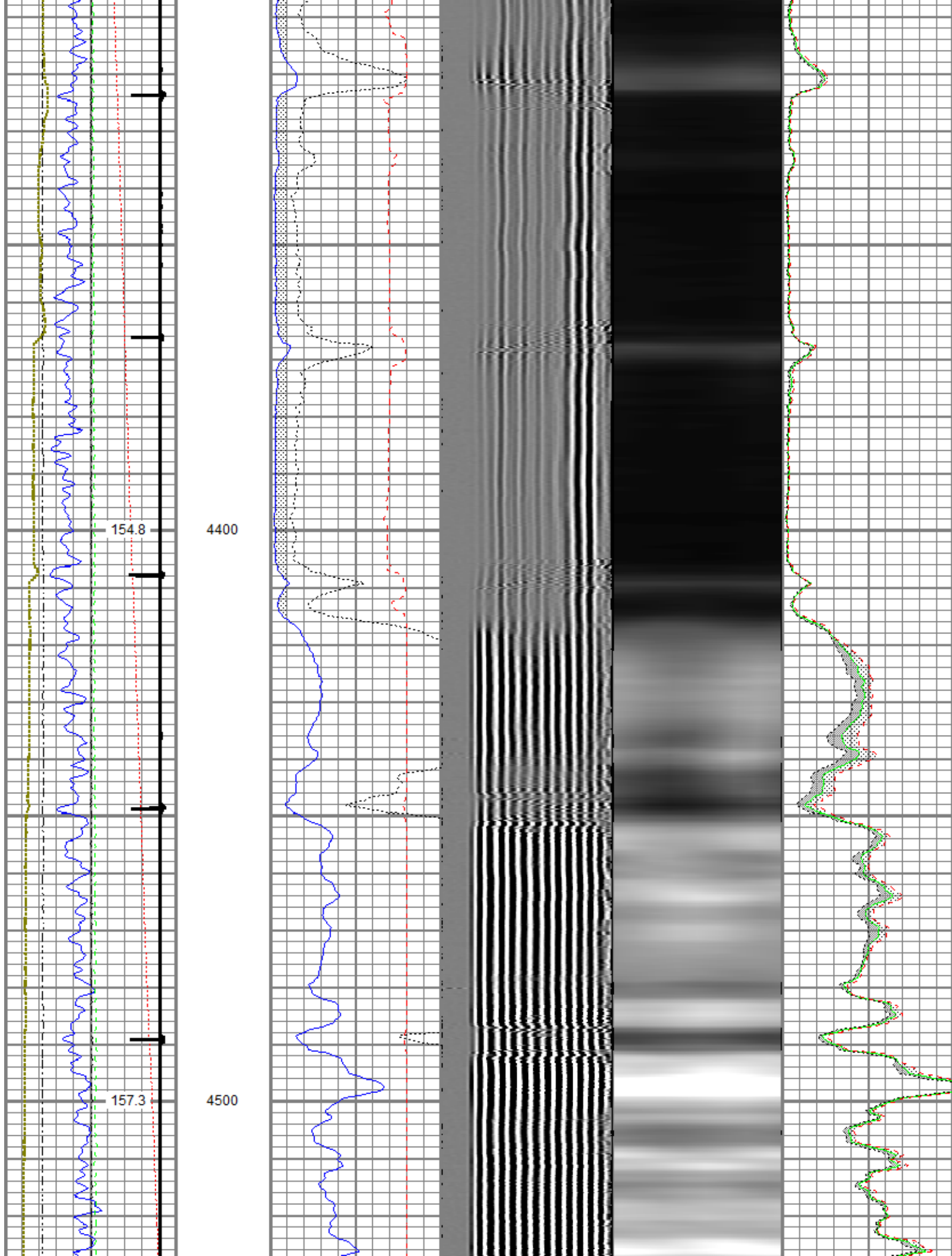


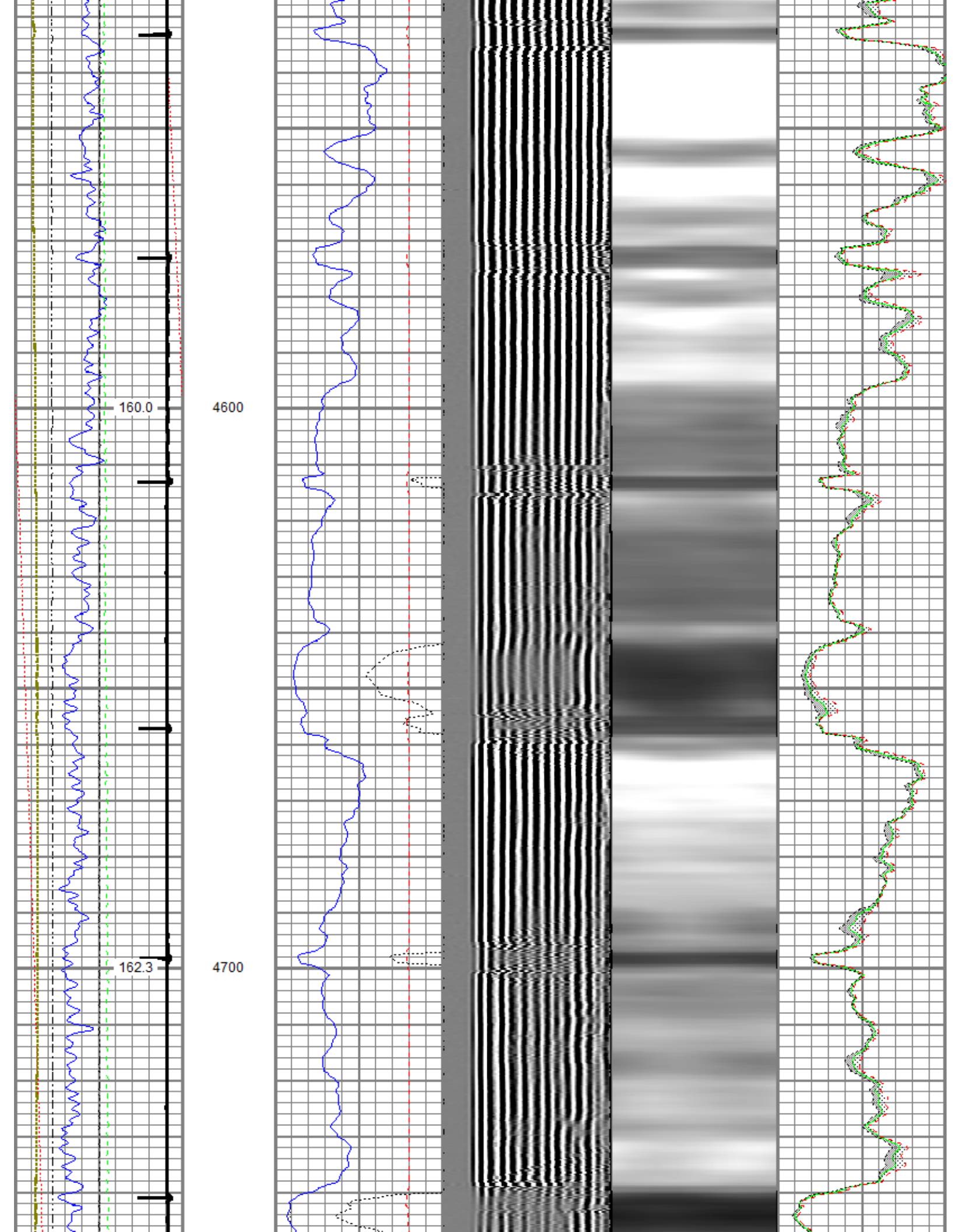


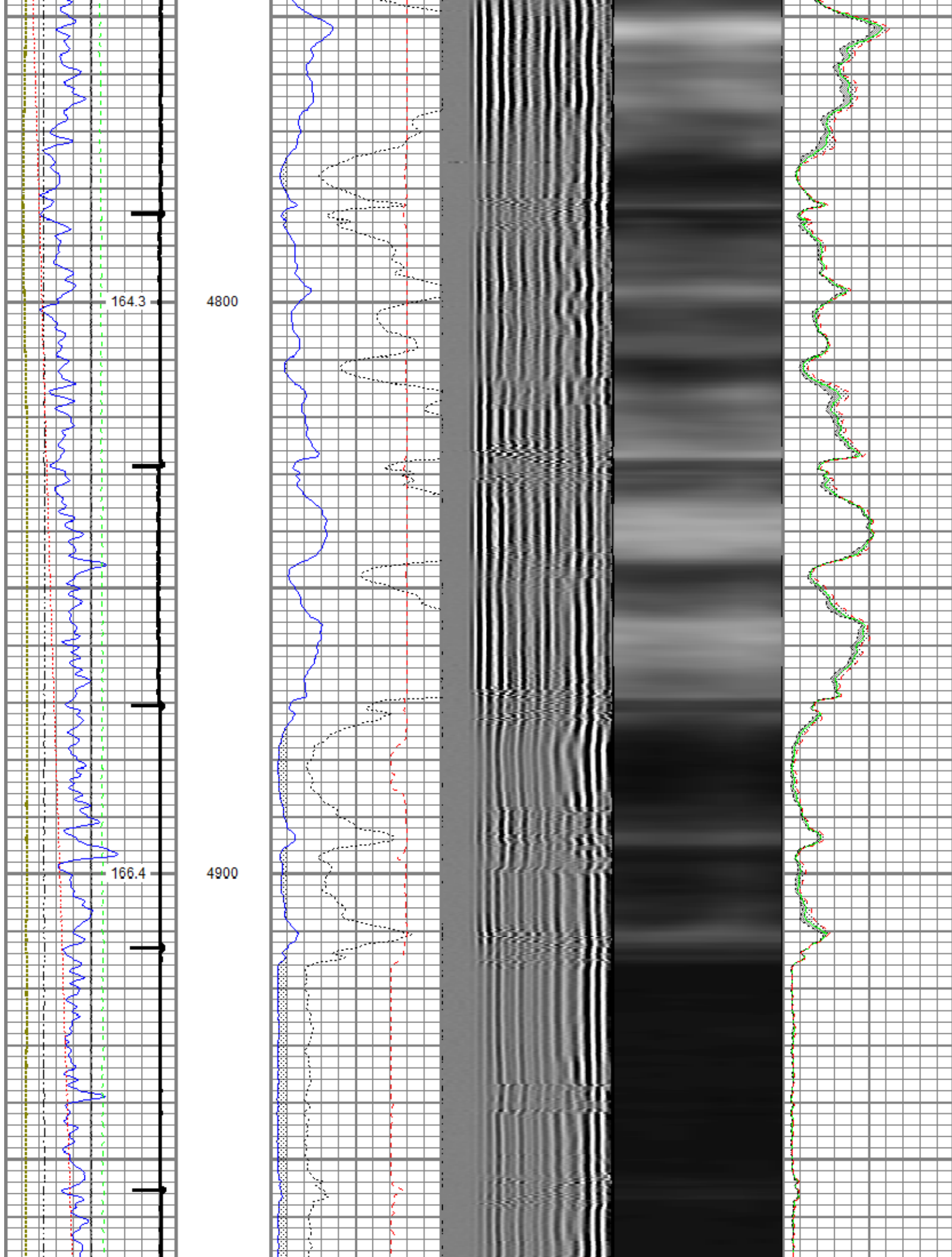


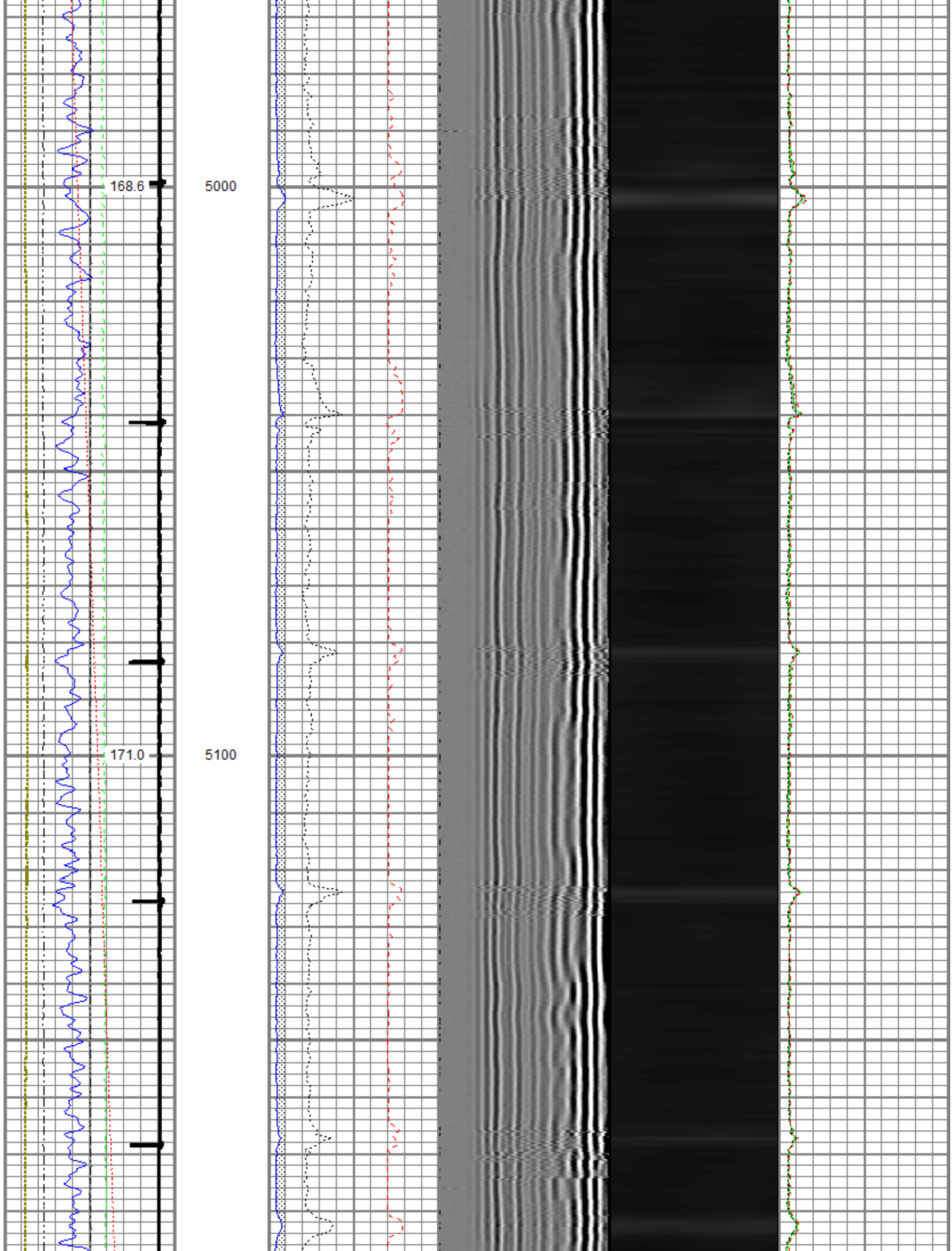


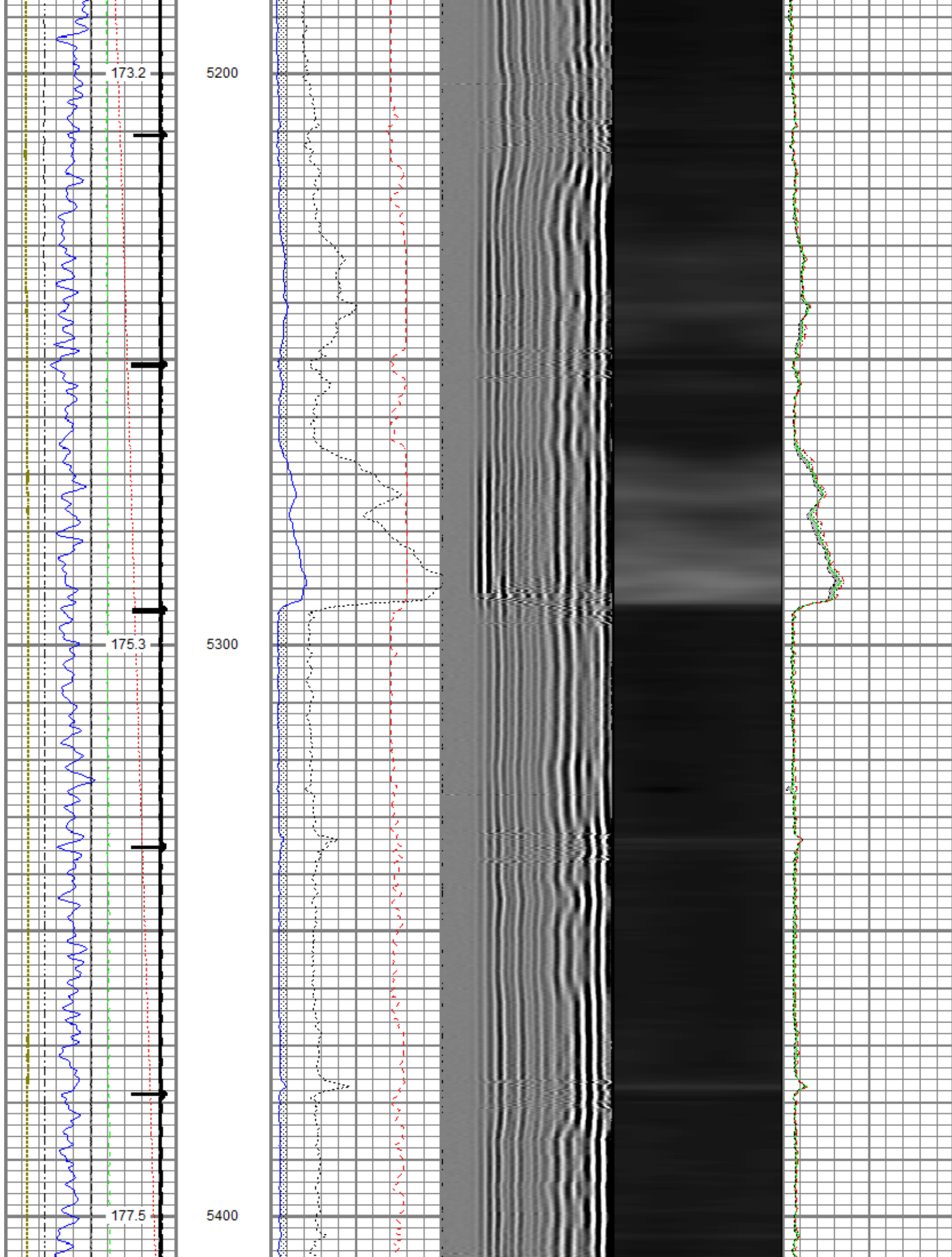


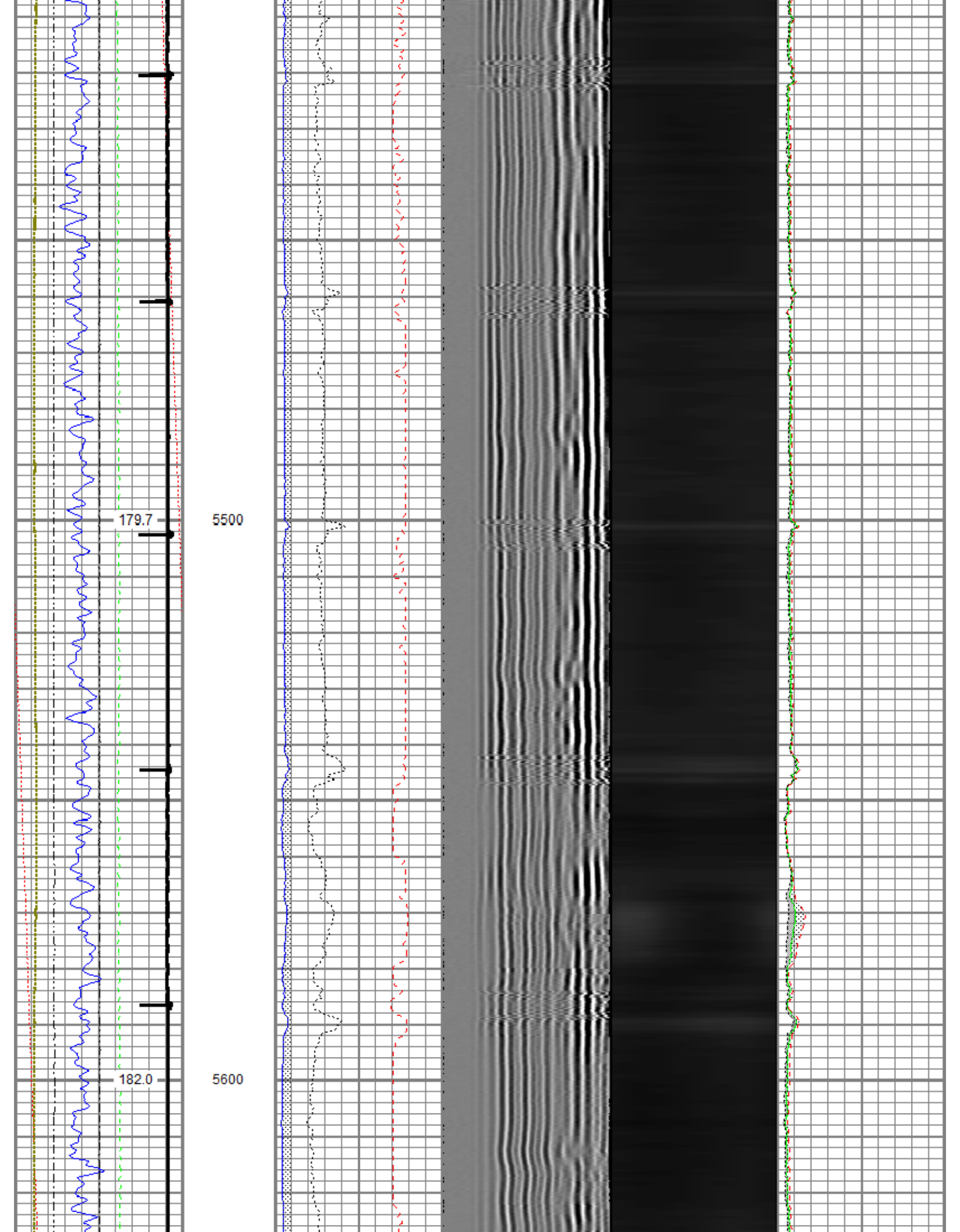


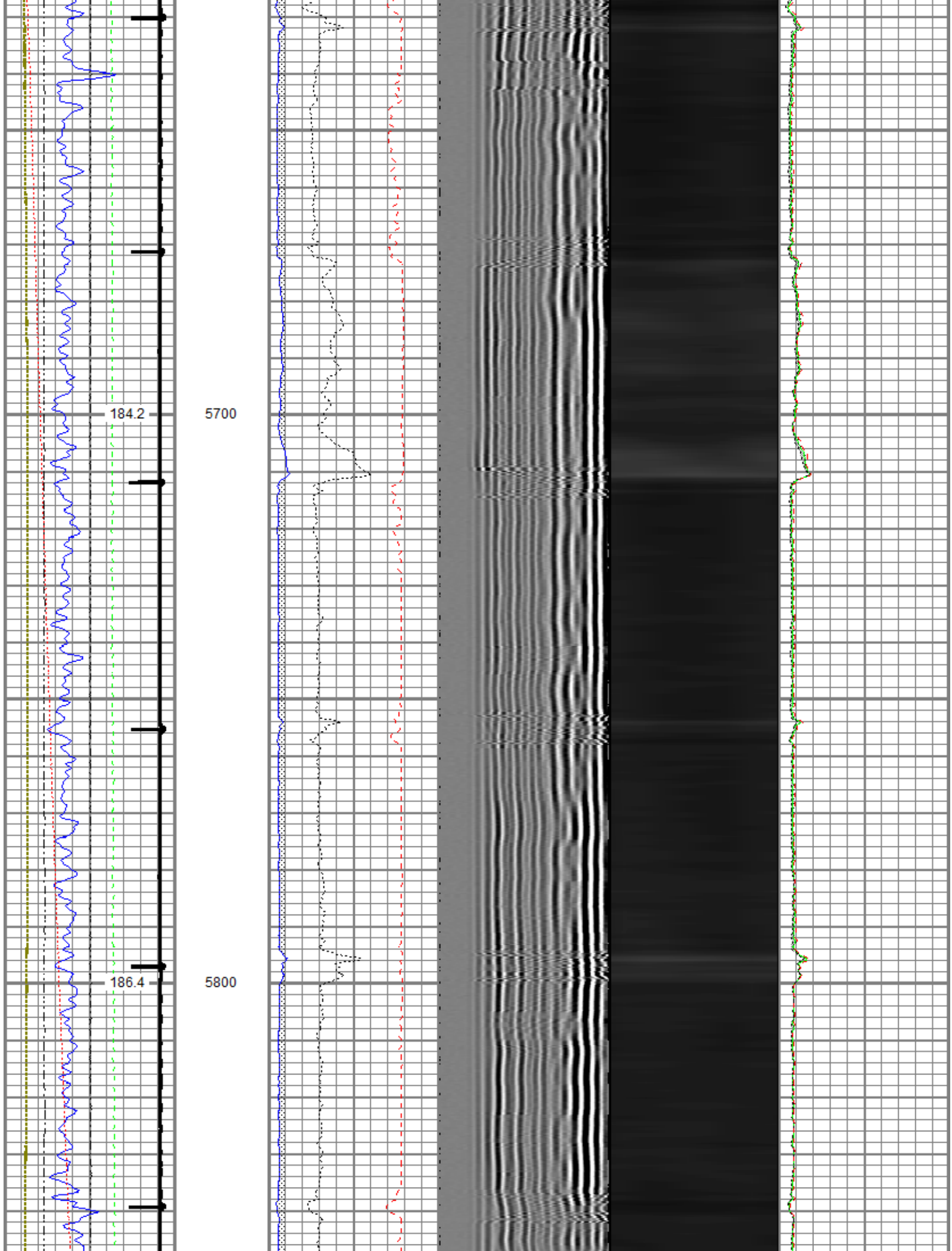


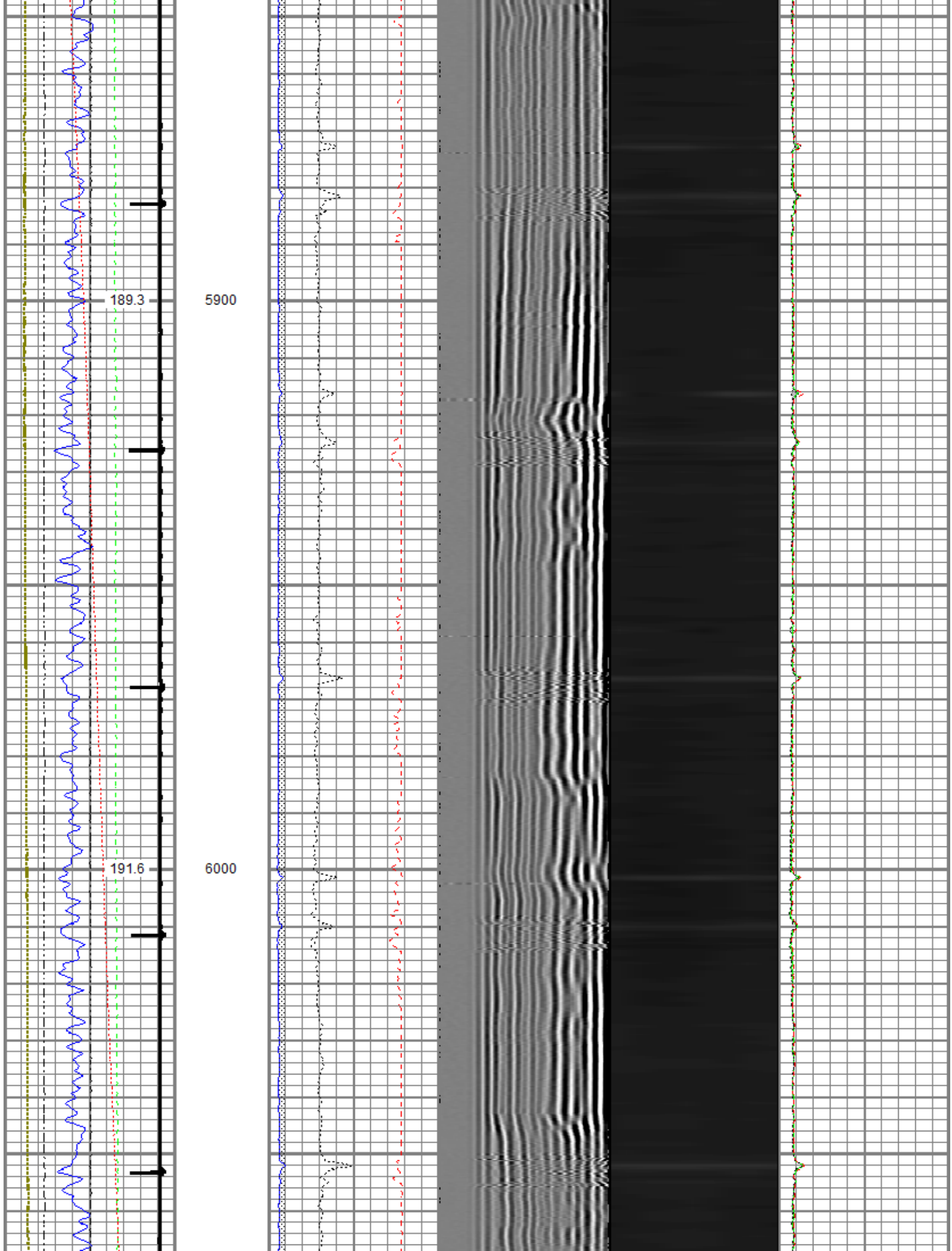


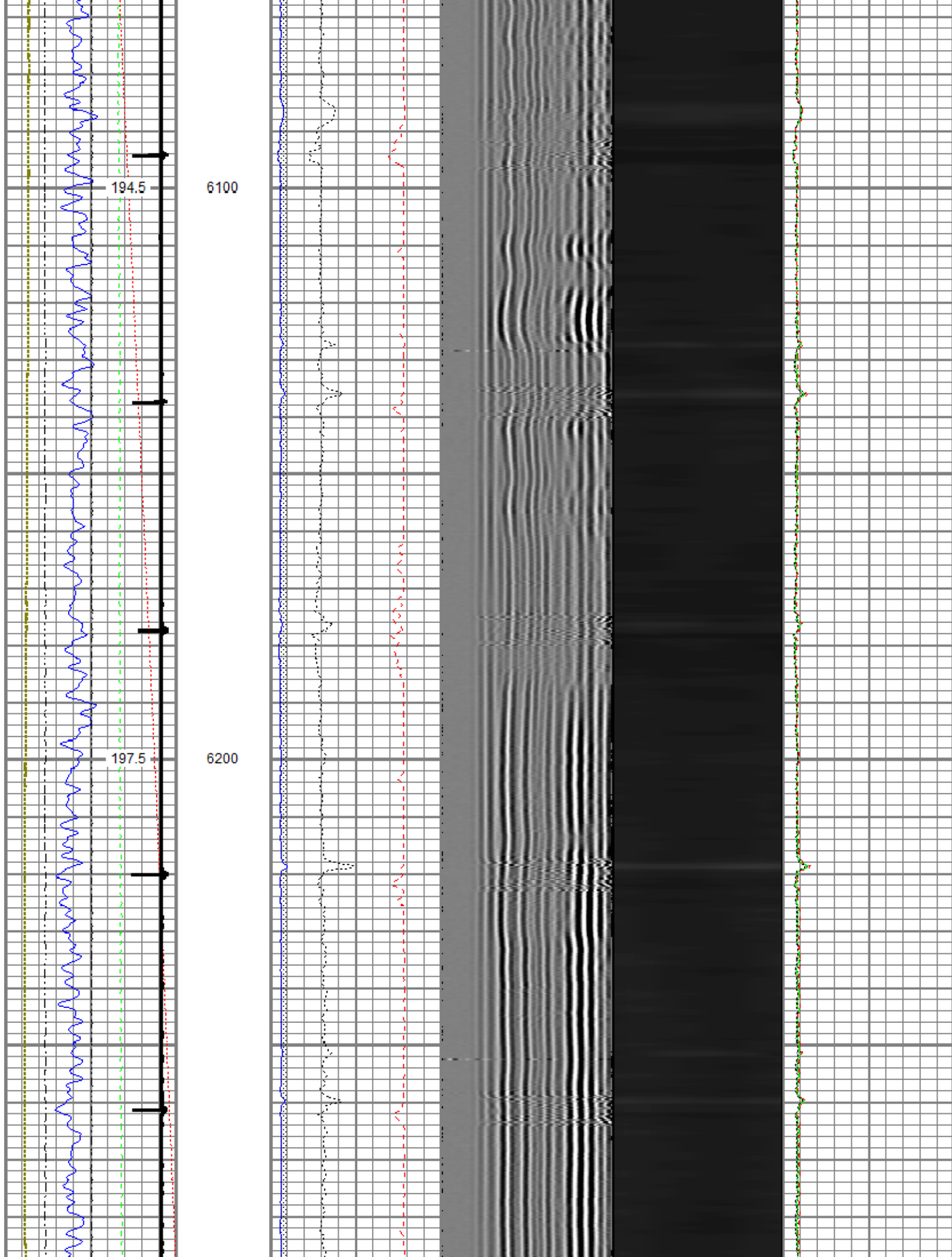


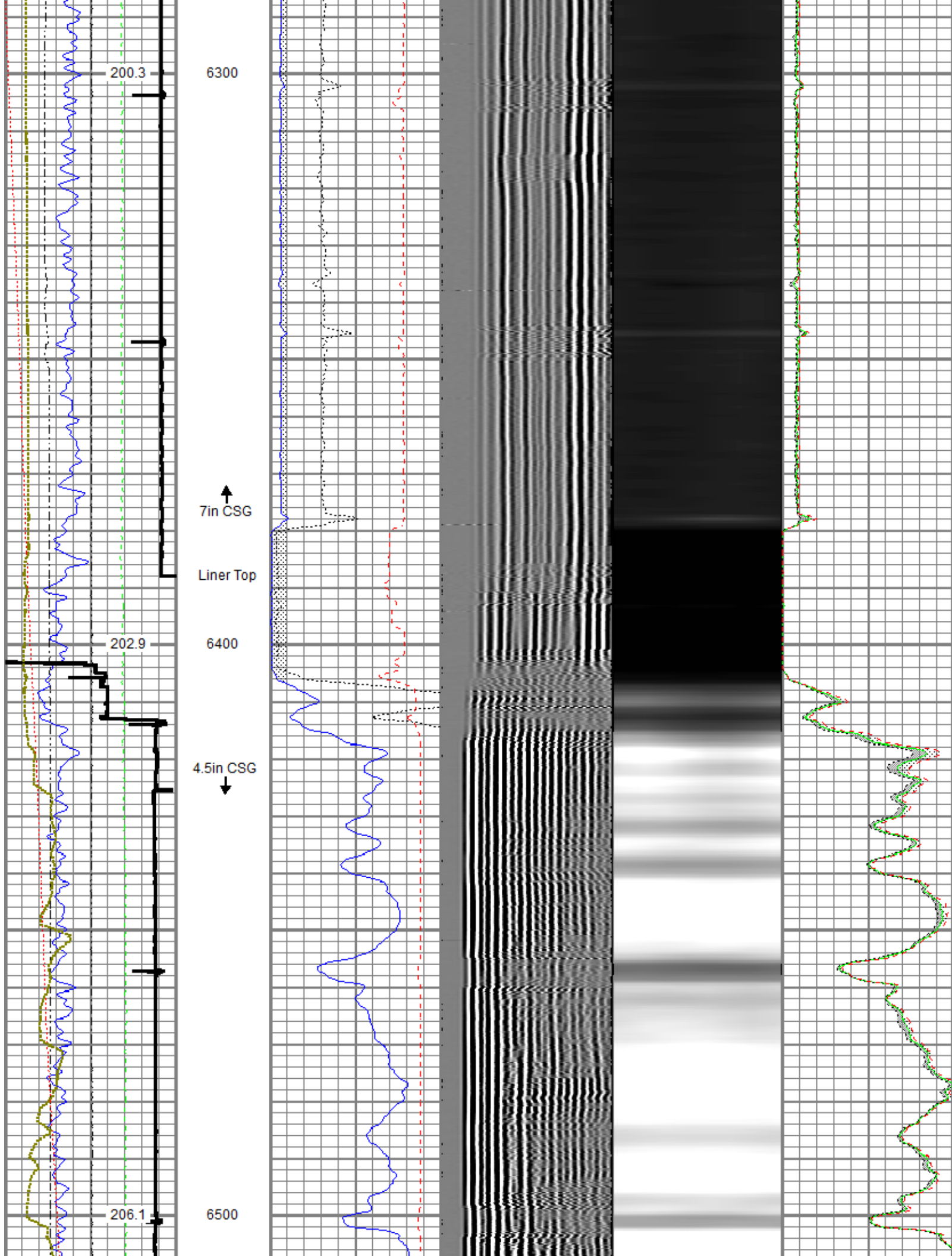


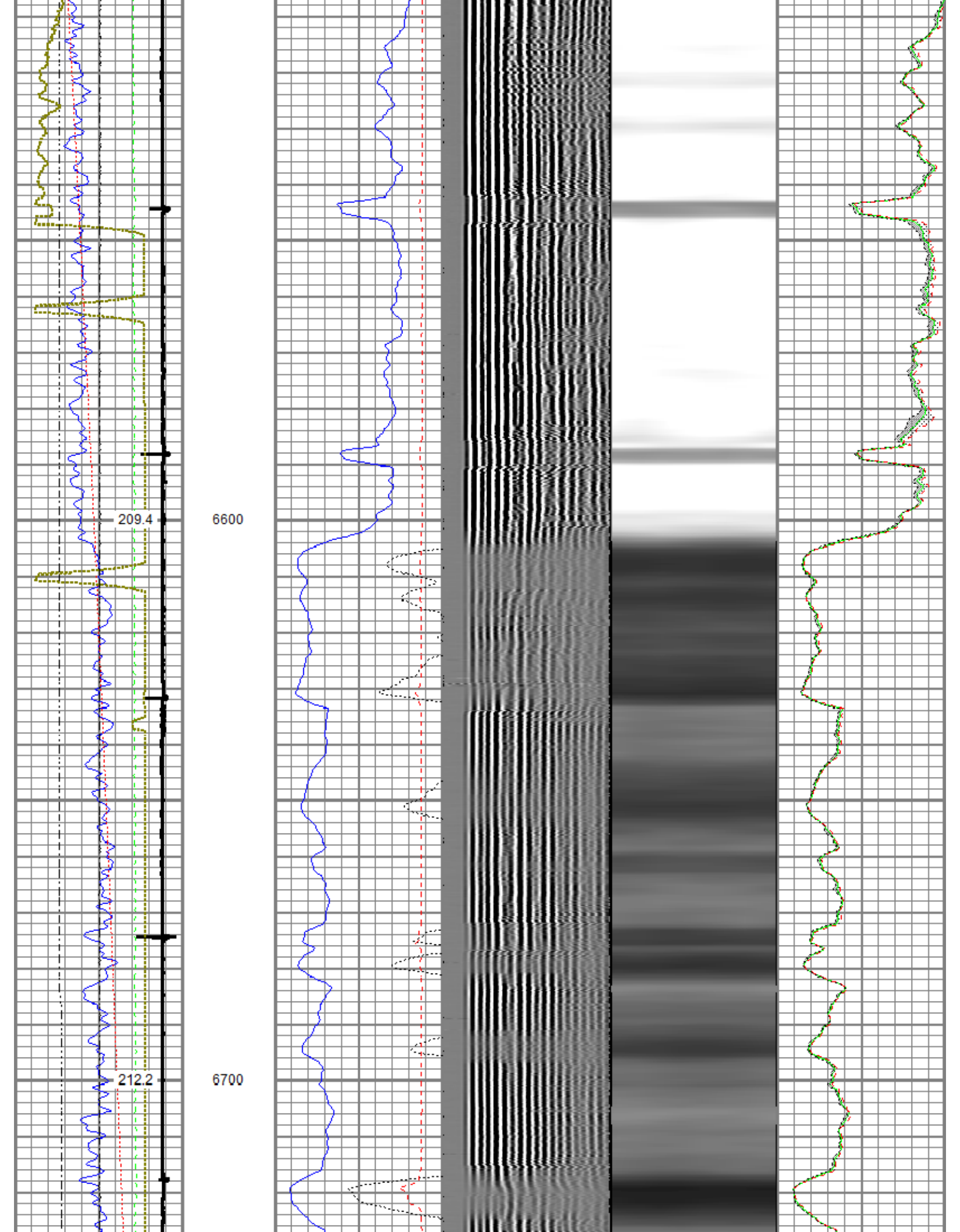


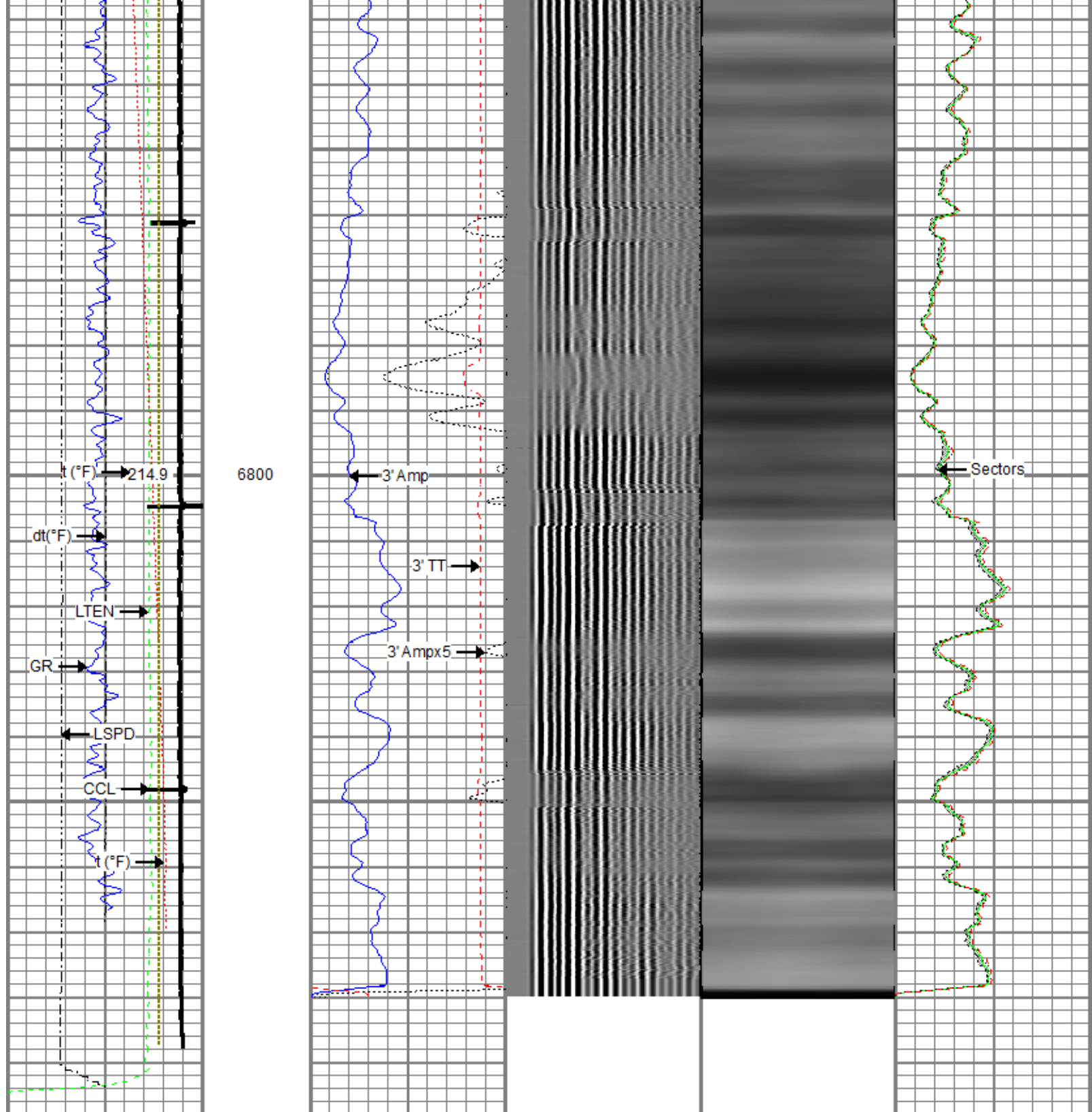








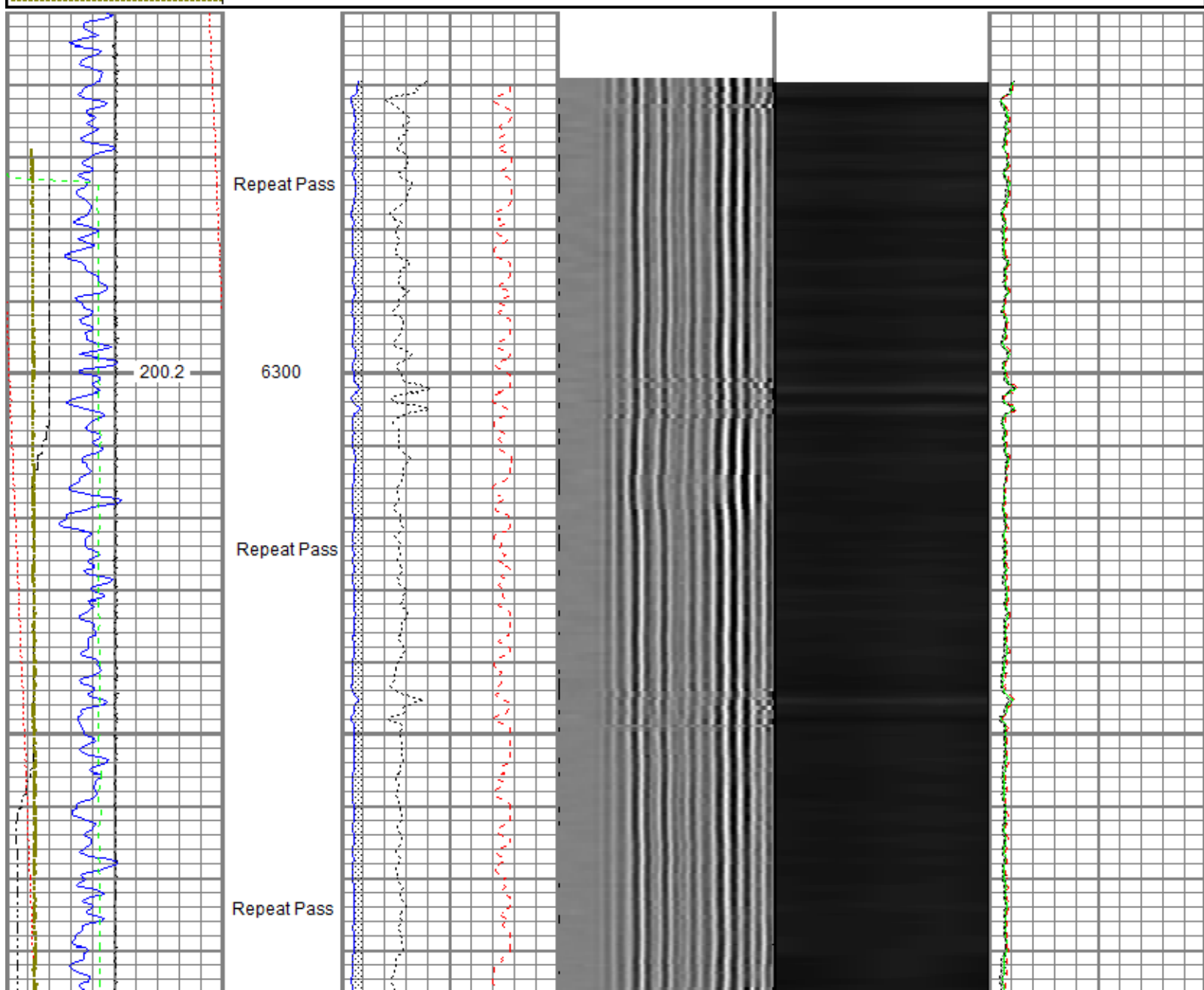


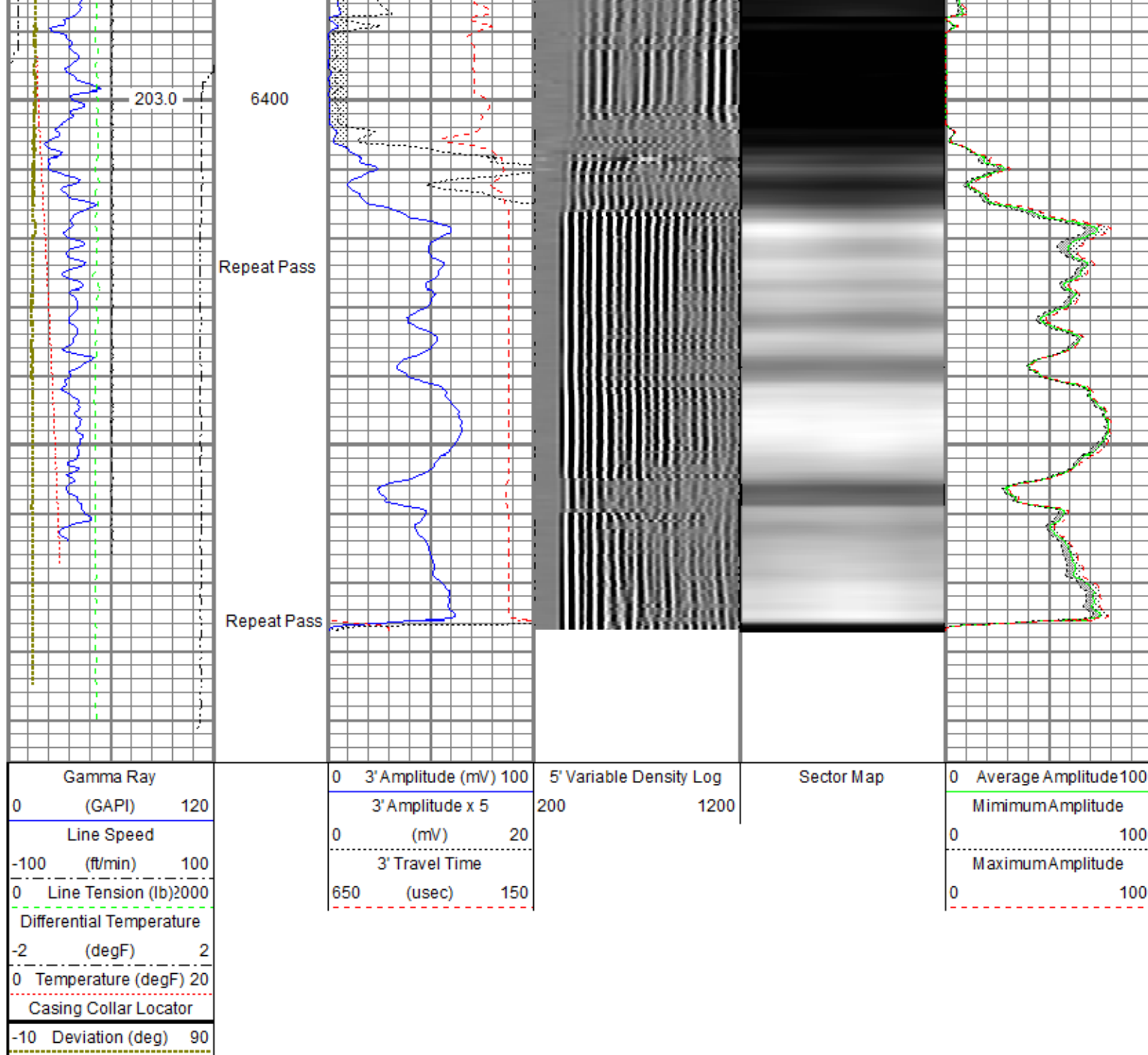


Gamma Ray	0	3' Amplitude (mV)	100	5' Variable Density Log	Sector Map	0	Average Amplitude	100
(GAPI)	120	3' Amplitude x 5	200	1200			MinimumAmplitude	
Line Speed	0	(mV)	20			0	100	
(ft/min)	100	3' Travel Time					MaximumAmplitude	
Line Tension (lb)	0	(usec)	150			0	100	
Differential Temperature						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

Database File	anadarko\0512347585_anadarko_baja berg 35-8hz_rbl_mit_03-23-19\processed_0512347585_anadarko_baja berg 35-8hz_r
Dataset Pathname	RCBL-MIT/Repeat.1
Presentation Format	ros_rbt_mit_
Dataset Creation	Tue Mar 26 13:15:22 2019
Charted by	Depth in Feet scaled 1:240

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





Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	25.19		Titan CHD-14375 GO	1.03	1.44	3.60
			Titan 1-7/16" Assembled Electric Cable Head w/ 1" Fishing Neck			
			UW AGS-001 (211461)	0.21	1.69	1.00
			Sondex 1-11/16" Ultrawire Adapter - GO Box to Sondex UW Pin			
TEMP	23.79		UW XTU-002 (10017430)	1.58	1.69	6.50
			Sondex 1-11/16" Ultrawire Toolbus Crossover to Ultralink Telemetry			
CCL	22.55		UW PGR-020 (050836)	1.92	1.69	9.50
			Sondex 1-11/16" Ultrawire Production Gamma Ray			
			UW PRT-016 (10024052)	1.04	1.69	5.20
			Sondex 1-11/16" Ultrawire Platinum Resistance Thermometer			
			UW CCL-028 (10009470)	1.61	3.13	36.00
			Sondex 3/16" Ultrawire Casing Collar Locator			

			Sondex 3-7/8" Ultrawire Casing Collar Locator	2.55	2.75	32.00
			UW CENT-DSS RAC 5 Arm 2-3/4" Roller Centralizer			
CBLROT	15.15					
WVFS8	15.15					
WVFS7	15.15					
WVFS6	15.15					
WVFS5	15.15					
WVFS4	15.15					
WVFS3	15.15					
WVFS2	15.15					
WVFS1	15.15					
WVF3FT	15.15					
WVF5FT	14.15					
CBLTEMP	10.02					
			UW RBT-004 (10012639) Sondex 3-1/8" Ultrawire Radial Bond Tool	9.48	3.13	140.00
			UW CENT-DSS RAC 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00
MIT	5.27		UW MIT-40 042 E (10014703) Sondex 2-3/4" Ultrawire 40-Arm Multifinger Imaging Tool Ext.	4.54	2.75	65.00
			UW CENT-PRC 057 4 Arm 2-3/4" Production Roller Centralizer	2.71	2.75	32.00
TSTAMP	0.00		UW BUL-006 (031422) Sondex 1-11/16" Ultrawire Bullnose Terminator Sub	0.22	1.69	1.20
Dataset: processed_0512347585_anadarko_baja berg 35-8hz_rbl_mit_03-23-19.db: field/well/RCBL-MIT/Main.2 Total length: 29.44 ft Total weight: 364.00 lb O.D.: 3.13 in						

Calibration Report			
Database File	c:\programdata\warrior\data\anadarko\0512347585_anadarko_baja berg 35-8hz_rbl_mit_03-23-19\processed_0512347585_and		
Dataset Pathname	RCBL-MIT/Main.2		
Dataset Creation	Mon Mar 25 11:08:32 2019		
Multifinger Imaging Tool Calibration Report			
	Serial Number:	10014703	
	Number of Fingers:	40	
	Tool Model:	40 042 E	
Inclinometer Calibration Report			
	Performed:	Fri Dec 14 08:43:47 2018	
	Calibration Angle:	45	
		Inc X	Inc Y
Vertical:		1976	1969
Finger 1 up:		1767	1739

Finger 31 up:		2209	1752
Finger 21 up:		2192	2204
Finger 11 up:		1740	2184
Sensitivity ratio:	0.997187		
X-axis angle:	132.538		
Deviation const.:	316.459		

Finger Calibration Report							
Performed:				Sat Mar 23 13:51:38 2019			
Ring size: (in)	4	Sens	5	Sens	6	Sens	7
Finger 01:	1476	274.0	1750	285.0	2035	297.0	2332
Finger 02:	1480	272.0	1752	278.0	2030	286.0	2316
Finger 03:	1546	261.0	1807	259.0	2066	262.0	2328
Finger 04:	1432	289.0	1721	299.0	2020	308.0	2328
Finger 05:	1533	257.0	1790	262.0	2052	271.0	2323
Finger 06:	1471	280.0	1751	283.0	2034	299.0	2333
Finger 07:	1507	271.0	1778	273.0	2051	291.0	2342
Finger 08:	1469	278.0	1747	286.0	2033	310.0	2343
Finger 09:	1494	277.0	1771	284.0	2055	298.0	2353
Finger 10:	1455	287.0	1742	293.0	2035	306.0	2341
Finger 11:	1181	368.0	1549	390.0	1939	411.0	2350
Finger 12:	1511	270.0	1781	278.0	2059	290.0	2349
Finger 13:	1516	261.0	1777	274.0	2051	290.0	2341
Finger 14:	1540	259.0	1799	272.0	2071	283.0	2354
Finger 15:	1537	259.0	1796	266.0	2062	281.0	2343
Finger 16:	1486	278.0	1764	290.0	2054	307.0	2361
Finger 17:	1553	251.0	1804	261.0	2065	281.0	2346
Finger 18:	1481	272.0	1753	288.0	2041	307.0	2348
Finger 19:	1532	254.0	1786	276.0	2062	283.0	2345
Finger 20:	1522	258.0	1780	275.0	2055	288.0	2343
Finger 21:	1454	277.0	1731	298.0	2029	318.0	2347
Finger 22:	1452	274.0	1726	303.0	2029	309.0	2338
Finger 23:	1465	276.0	1741	296.0	2037	306.0	2343
Finger 24:	1504	255.0	1759	278.0	2037	290.0	2327
Finger 25:	1442	274.0	1716	305.0	2021	318.0	2339
Finger 26:	1453	271.0	1724	295.0	2019	308.0	2327
Finger 27:	1536	252.0	1788	262.0	2050	284.0	2334
Finger 28:	1496	256.0	1752	282.0	2034	295.0	2329
Finger 29:	1509	259.0	1768	279.0	2047	289.0	2336
Finger 30:	1469	264.0	1733	290.0	2023	301.0	2324
Finger 31:	1478	260.0	1738	285.0	2023	298.0	2321
Finger 32:	1444	273.0	1717	299.0	2016	309.0	2325
Finger 33:	1458	270.0	1728	294.0	2022	301.0	2323
Finger 34:	1483	262.0	1745	283.0	2028	292.0	2320
Finger 35:	1446	274.0	1720	297.0	2017	302.0	2319
Finger 36:	1504	262.0	1766	279.0	2045	291.0	2336
Finger 37:	1458	274.0	1732	291.0	2023	300.0	2323
Finger 38:	1472	271.0	1743	280.0	2023	289.0	2312
Finger 39:	1421	287.0	1708	302.0	2010	313.0	2323
Finger 40:	1458	272.0	1730	286.0	2016	296.0	2312

Segmented Cement Bond Log Calibration Report			
Serial Number:	10012639		
Tool Model:	004		
Calibration Casing Diameter:	7.000	in	
Calibration Depth:	305.118	ft	

Master Calibration, performed (Derived):						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	-0.002	0.818	0.800	62.200	74.948	0.920
5FT	-0.004	0.811	0.800	62.200	75.345	1.070
S1	-0.002	0.747	0.000	100.000	133.598	0.218
S2	-0.003	0.752	0.000	100.000	132.390	0.405
S3	-0.004	0.800	0.000	100.000	124.448	0.498

S4	-0.002	0.853	0.000	100.000	116.968	0.256
S5	-0.002	0.867	0.000	100.000	115.123	0.197
S6	-0.004	0.867	0.000	100.000	114.790	0.425
S7	-0.003	0.825	0.000	100.000	120.801	0.321
S8	-0.003	0.770	0.000	100.000	129.445	0.369

Temperature Calibration Report						
Serial Number:			10024052			
Tool Model:			016			
Performed:			Mon Oct 01 10:54:16 2018			
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:		050836		
Tool Model:		020		
Performed:		Mon Oct 01 10:55:18 2018		
Calibrator Value:		637.0	GAPI	
Background Reading:		78.8	cps	
Calibrator Reading:		1069.9	cps	
Sensitivity:		0.6427	GAPI/cps	

Calibration Report	
Database File	c:\programdata\warrior\data\anadarko\0512347585_anadarko_baja berg 35-8hz_rbl_mit_03-23-19\processed_0512347585_anadarko
Dataset Pathname	RCBL-MIT/pass6.7
Dataset Creation	Mon Mar 25 10:20:21 2019

Multifinger Imaging Tool Calibration Report		
Serial Number:		10014703
Number of Fingers:		40
Tool Model:		40 042 E

Inclinometer Calibration Report			
Performed:		Fri Dec 14 08:43:47 2018	
Calibration Angle:		45	
		Inc X	Inc Y
Vertical:		1976	1969
Finger 1 up:		1767	1739
Finger 31 up:		2209	1752
Finger 21 up:		2192	2204
Finger 11 up:		1740	2184
Sensitivity ratio:	0.997187		
X-axis angle:	132.538		
Deviation const.:	316.459		

Finger Calibration Report							
Performed:				Sat Mar 23 13:51:38 2019			
Ring size:	4	5	6	7			
(in)							
	Sens	Sens	Sens				
Finger 01:	1476	274.0	1750	285.0	2035	297.0	2332
Finger 02:	1480	272.0	1752	278.0	2030	286.0	2316
Finger 03:	1546	261.0	1807	259.0	2066	262.0	2328

Finger 04:	1432	289.0	1721	299.0	2020	308.0	2328
Finger 05:	1533	257.0	1790	262.0	2052	271.0	2323
Finger 06:	1471	280.0	1751	283.0	2034	299.0	2333
Finger 07:	1507	271.0	1778	273.0	2051	291.0	2342
Finger 08:	1469	278.0	1747	286.0	2033	310.0	2343
Finger 09:	1494	277.0	1771	284.0	2055	298.0	2353
Finger 10:	1455	287.0	1742	293.0	2035	306.0	2341
Finger 11:	1181	368.0	1549	390.0	1939	411.0	2350
Finger 12:	1511	270.0	1781	278.0	2059	290.0	2349
Finger 13:	1516	261.0	1777	274.0	2051	290.0	2341
Finger 14:	1540	259.0	1799	272.0	2071	283.0	2354
Finger 15:	1537	259.0	1796	266.0	2062	281.0	2343
Finger 16:	1486	278.0	1764	290.0	2054	307.0	2361
Finger 17:	1553	251.0	1804	261.0	2065	281.0	2346
Finger 18:	1481	272.0	1753	288.0	2041	307.0	2348
Finger 19:	1532	254.0	1786	276.0	2062	283.0	2345
Finger 20:	1522	258.0	1780	275.0	2055	288.0	2343
Finger 21:	1454	277.0	1731	298.0	2029	318.0	2347
Finger 22:	1452	274.0	1726	303.0	2029	309.0	2338
Finger 23:	1465	276.0	1741	296.0	2037	306.0	2343
Finger 24:	1504	255.0	1759	278.0	2037	290.0	2327
Finger 25:	1442	274.0	1716	305.0	2021	318.0	2339
Finger 26:	1453	271.0	1724	295.0	2019	308.0	2327
Finger 27:	1536	252.0	1788	262.0	2050	284.0	2334
Finger 28:	1496	256.0	1752	282.0	2034	295.0	2329
Finger 29:	1509	259.0	1768	279.0	2047	289.0	2336
Finger 30:	1469	264.0	1733	290.0	2023	301.0	2324
Finger 31:	1478	260.0	1738	285.0	2023	298.0	2321
Finger 32:	1444	273.0	1717	299.0	2016	309.0	2325
Finger 33:	1458	270.0	1728	294.0	2022	301.0	2323
Finger 34:	1483	262.0	1745	283.0	2028	292.0	2320
Finger 35:	1446	274.0	1720	297.0	2017	302.0	2319
Finger 36:	1504	262.0	1766	279.0	2045	291.0	2336
Finger 37:	1458	274.0	1732	291.0	2023	300.0	2323
Finger 38:	1472	271.0	1743	280.0	2023	289.0	2312
Finger 39:	1421	287.0	1708	302.0	2010	313.0	2323
Finger 40:	1458	272.0	1730	286.0	2016	296.0	2312

Segmented Cement Bond Log Calibration Report						
Serial Number:		10012639				
Tool Model:		004				
Calibration Casing Diameter:		7.000	in			
Calibration Depth:		305.118	ft			
Master Calibration, performed (Derived):						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	-0.003	1.080	0.800	81.200	74.193	1.039
5FT	-0.005	0.835	0.800	81.200	95.725	1.293
S1	-0.003	1.022	0.000	100.000	97.544	0.330
S2	-0.006	0.987	0.000	100.000	100.752	0.556
S3	-0.005	1.012	0.000	100.000	98.323	0.459
S4	-0.002	1.081	0.000	100.000	92.315	0.172
S5	-0.001	1.134	0.000	100.000	88.068	0.129
S6	-0.004	1.180	0.000	100.000	84.478	0.352
S7	-0.002	1.147	0.000	100.000	87.023	0.205
S8	-0.004	1.074	0.000	100.000	92.760	0.330

Temperature Calibration Report							
		Serial Number:		10024052			
		Tool Model:		016			
		Performed:		Mon Oct 01 10:54:16 2018			
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: 050836
 Tool Model: 020
 Performed: Mon Oct 01 10:55:18 2018

 Calibrator Value: 637.0 GAPI

 Background Reading: 78.8 cps
 Calibrator Reading: 1069.9 cps

 Sensitivity: 0.6427 GAPI/cps



Company Kerr-McGee Oil & Gas Onshore, L.P.
Well Baja Berg 35-8HZ
Field Wattenberg
County Weld
State Colorado