



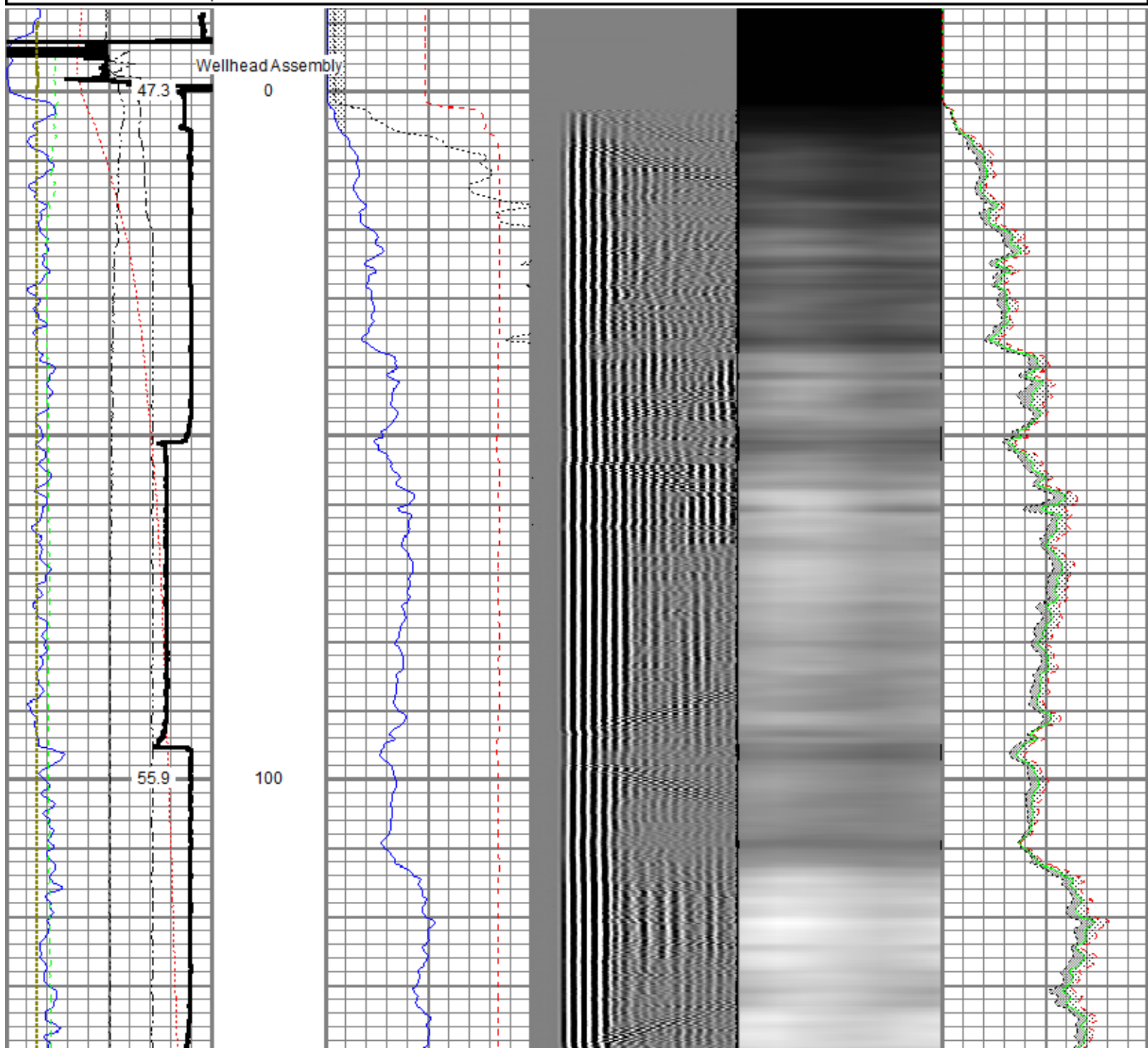
<<< Fold Here >>>
<p>All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible 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 measured from Ground Level at 0 FT Depth referenced to Ground Level at 0 FT Adjusted -26.25 FT to correlate with Ground Level Gauge Ring/Junk Basket ran to 319 FT with no debris Log ran from 6960 FT to surface Log ran with 0 PSI Surface Induced Pressure Logging tools were clean and free of debris upon completion of operations</p> <p>Thank you for choosing Reliance Oilfield Services, LLC!!</p>

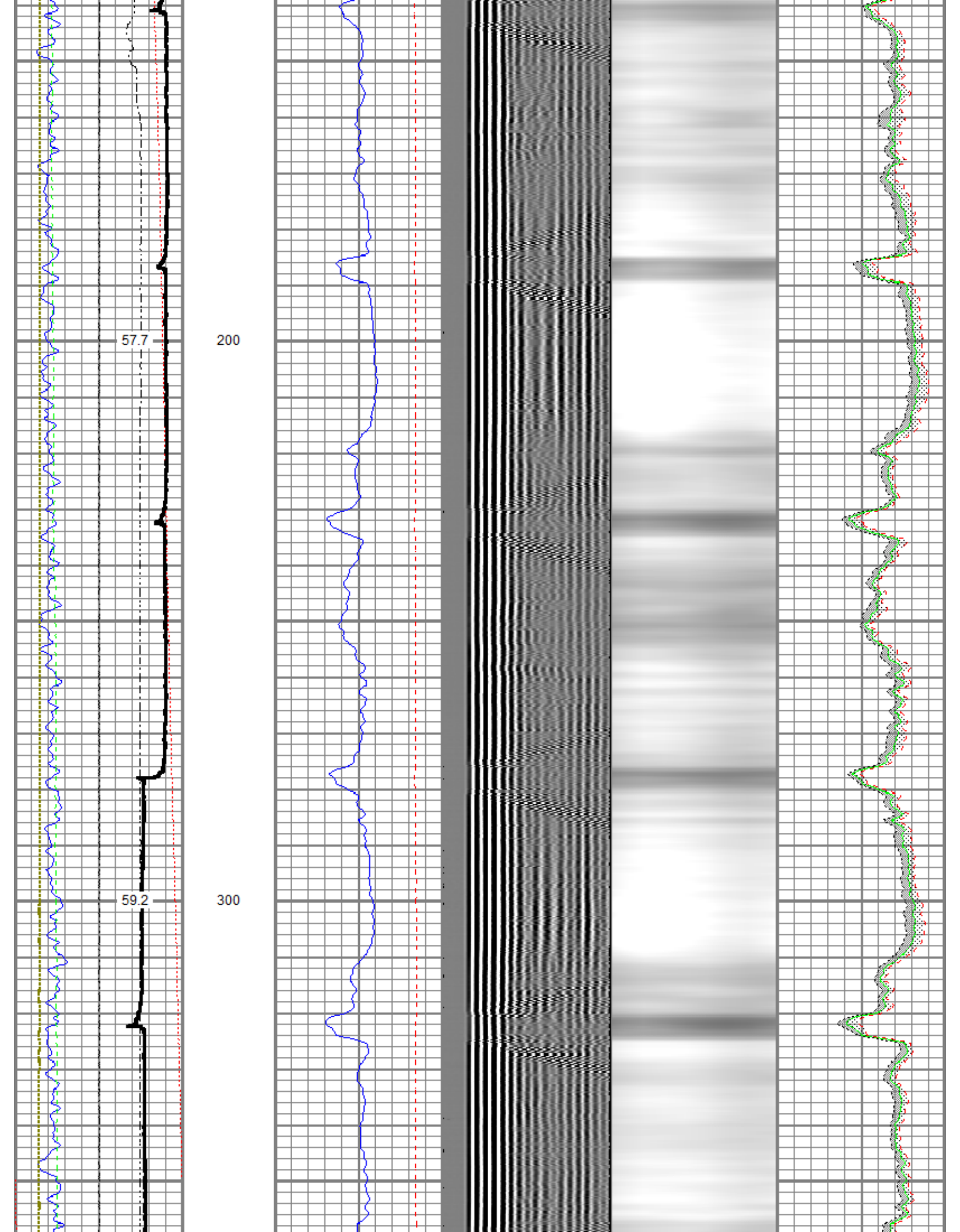


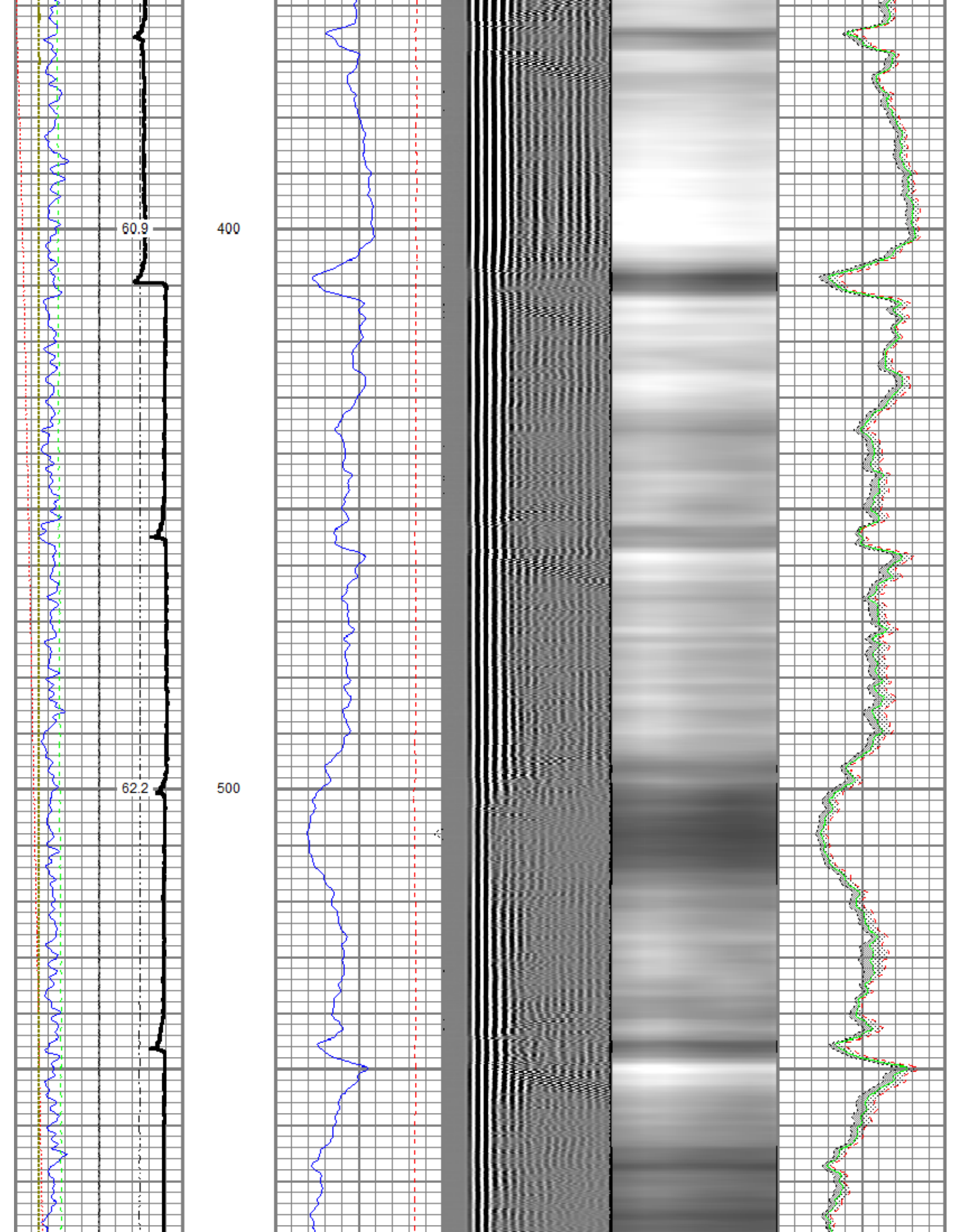
Recorded With A DSL Surface Induced Pressure

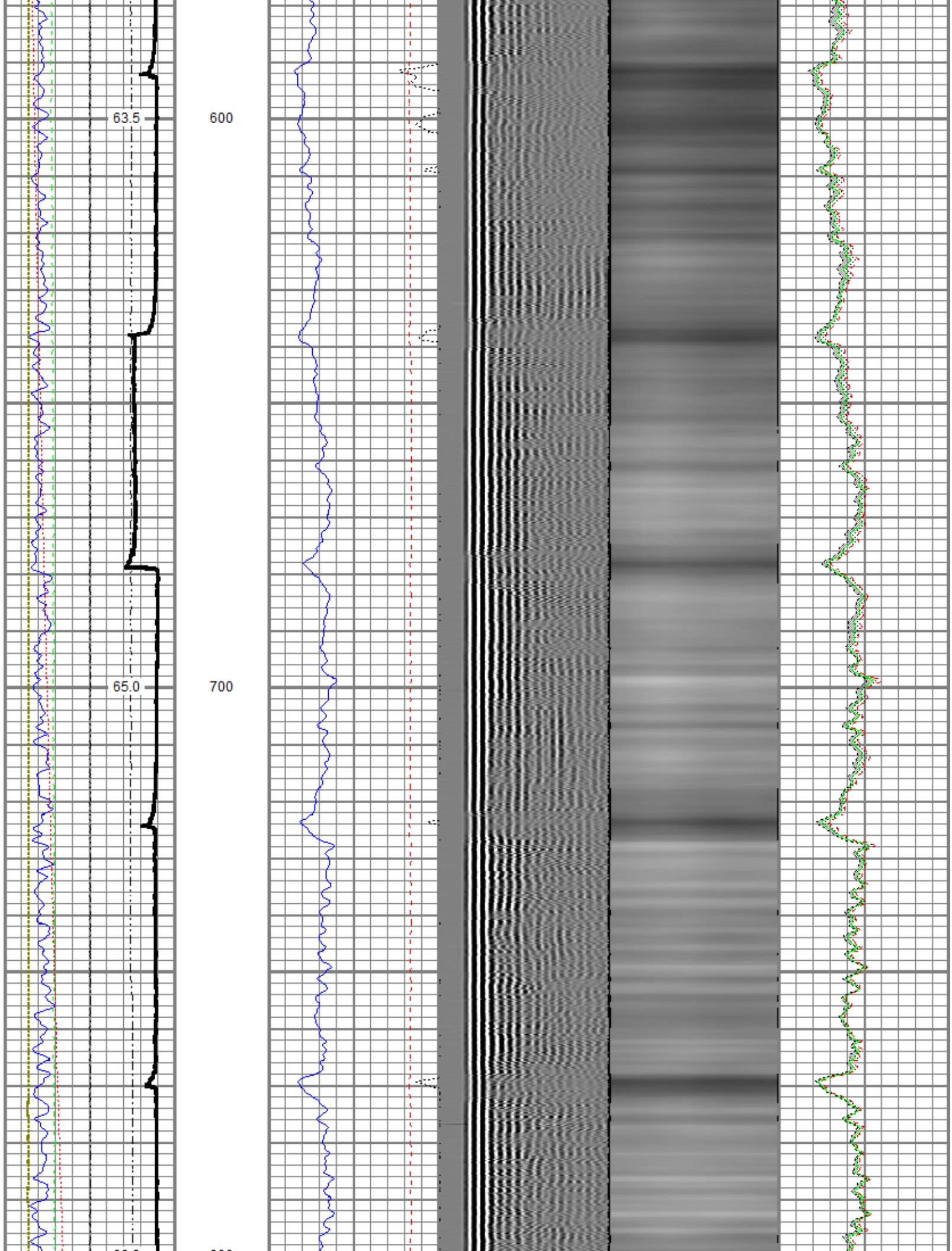
Database File	src energy_troudt 1c-23-m_mit_rbl_10-08-18\processed_src energy_troudt 1c-23-m_rbl_10-08-18.db
Dataset Pathname	pass5
Presentation Format	ros_rbt_mit_sx
Dataset Creation	Mon Oct 08 13:10:11 2018
Charted by	Depth in Feet scaled 1:240

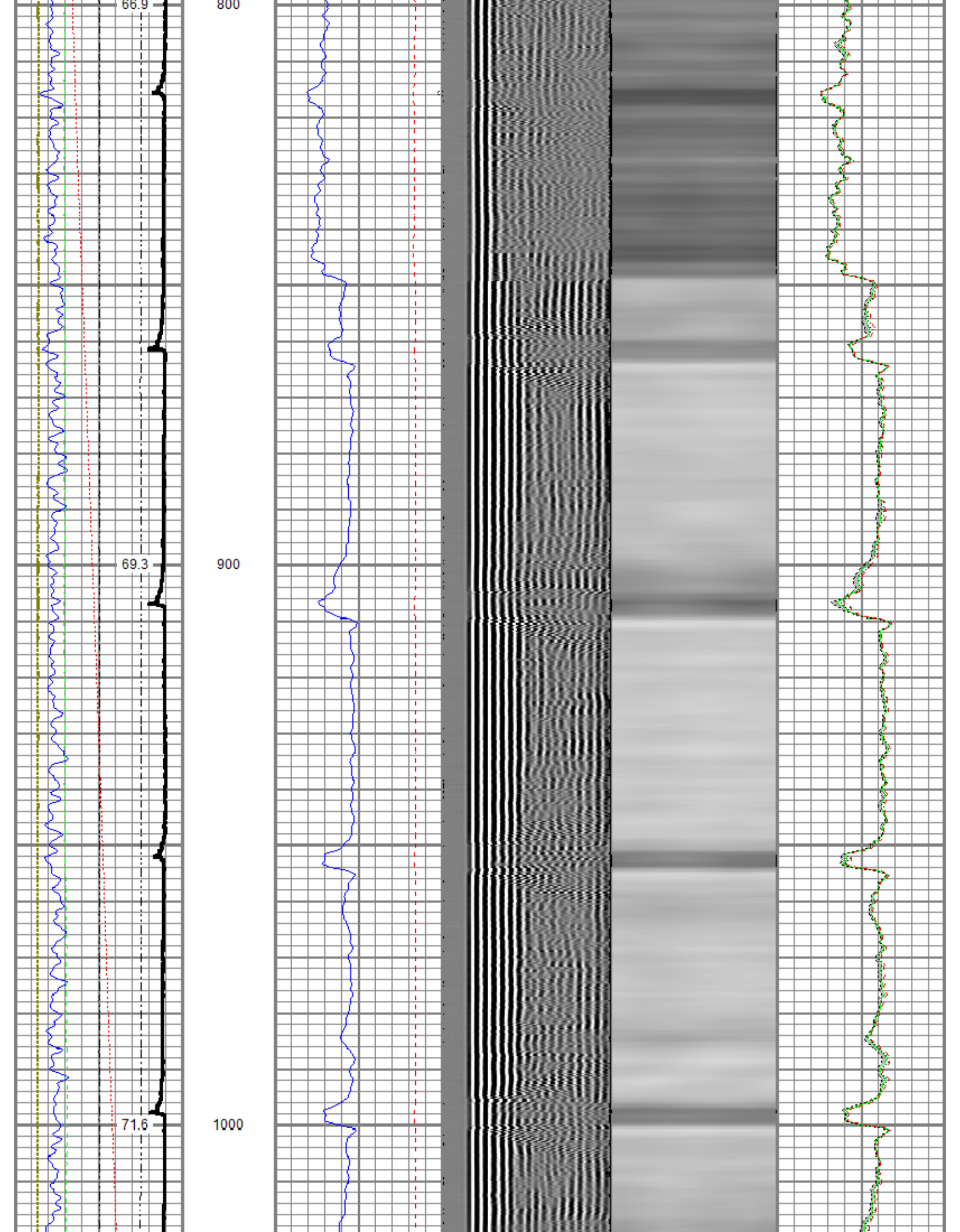
Gamma Ray	0	3' Amplitude (mV) 100	5' Variable Density Log	Sector Map	0	Average Amplitude 100
(GAPI) 120		3' Amplitude x 5	200			Minimum Amplitude
Line Speed	0	(mV) 20			0	100
(ft/min) 100		3' Travel Time				Maximum Amplitude
Line Tension (lb) 2000	0	650 (usec) 150			0	100
Differential Temperature			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

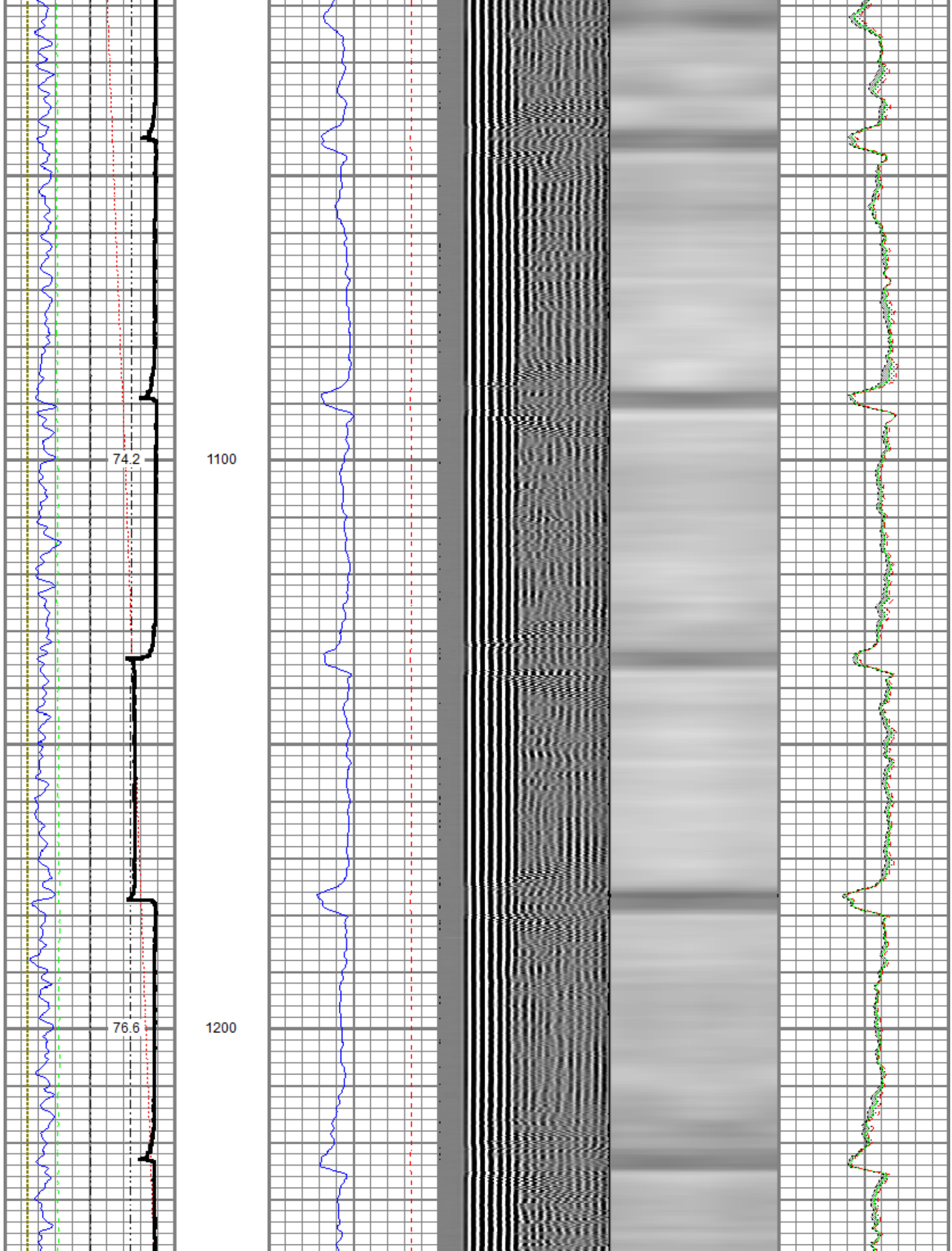


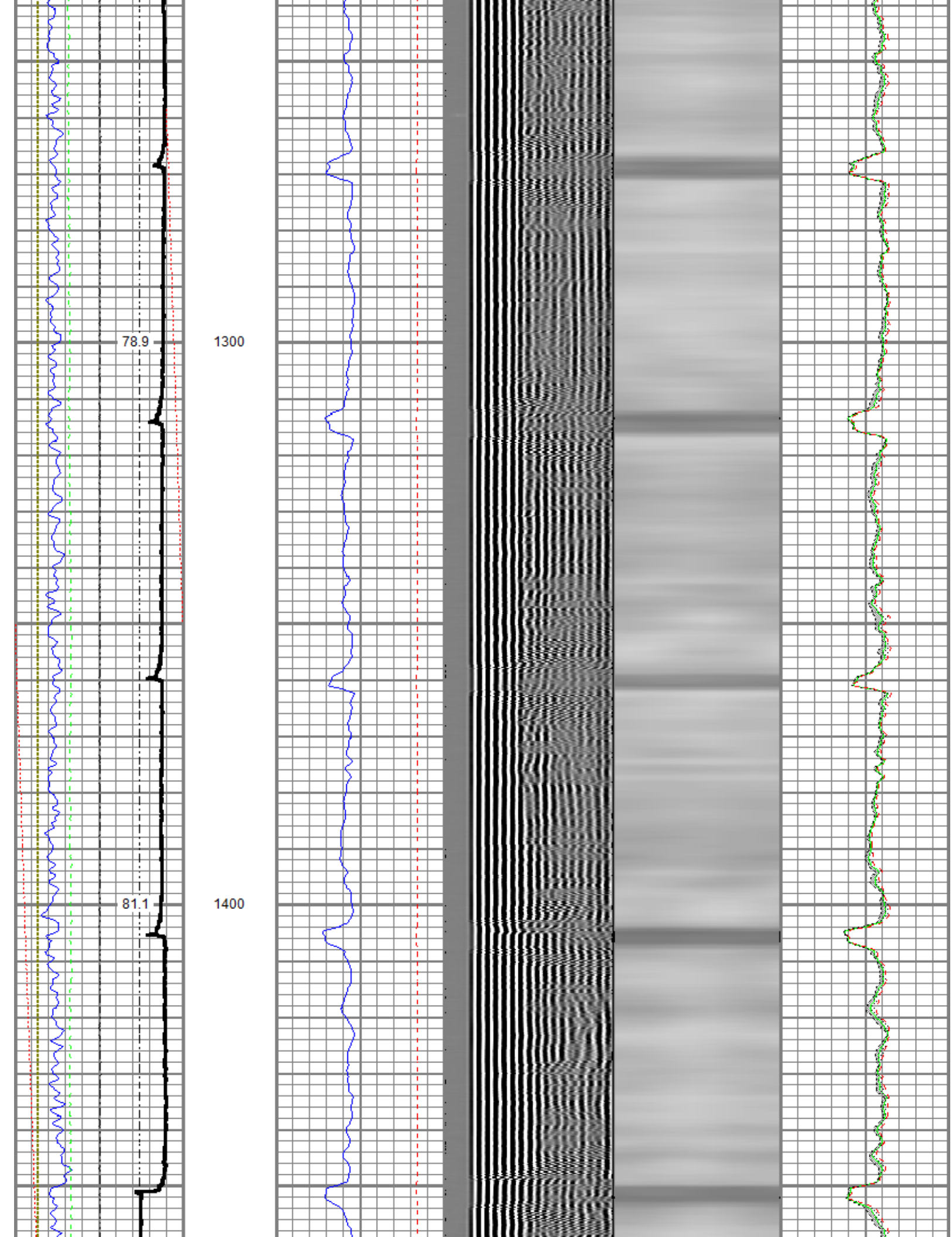


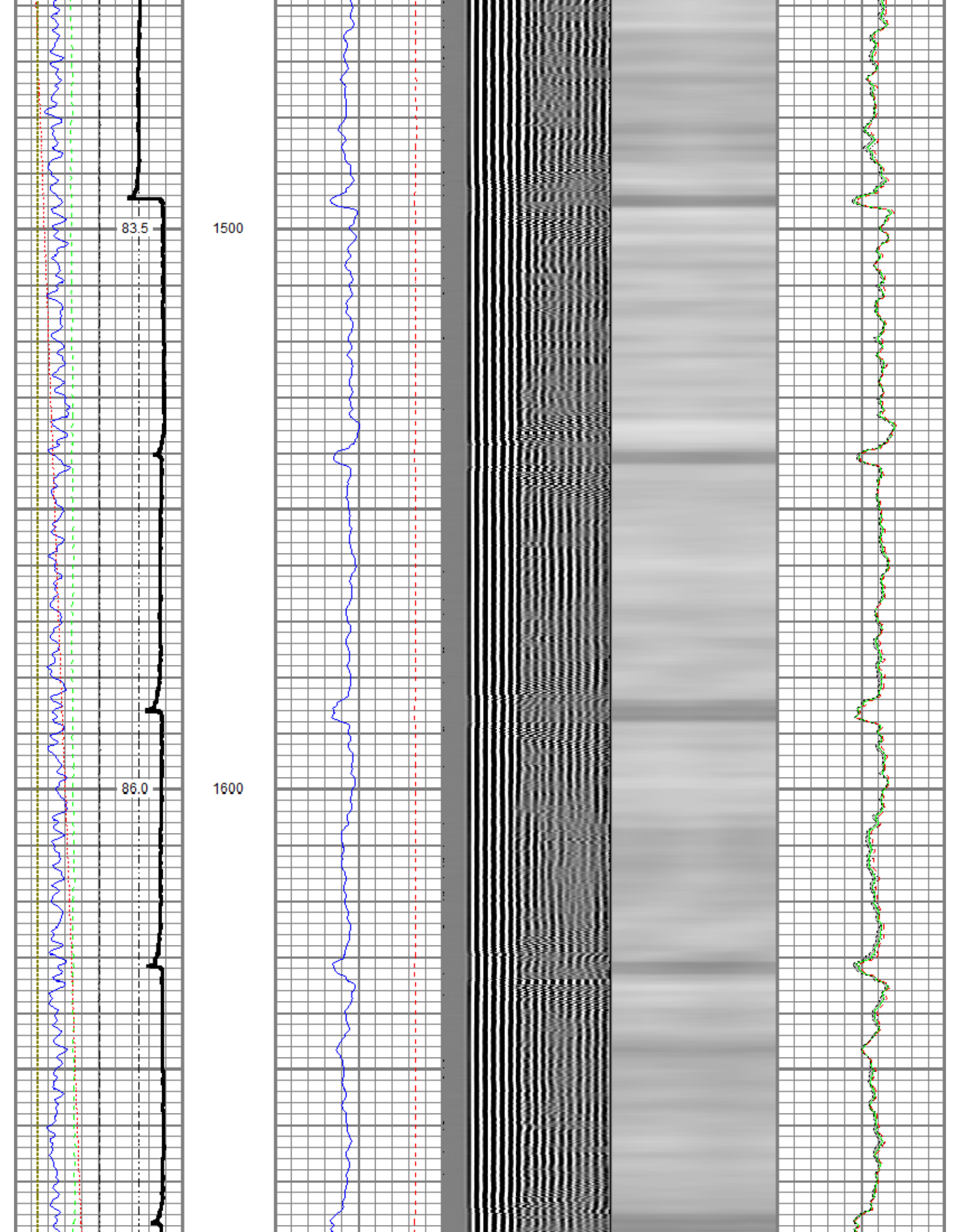


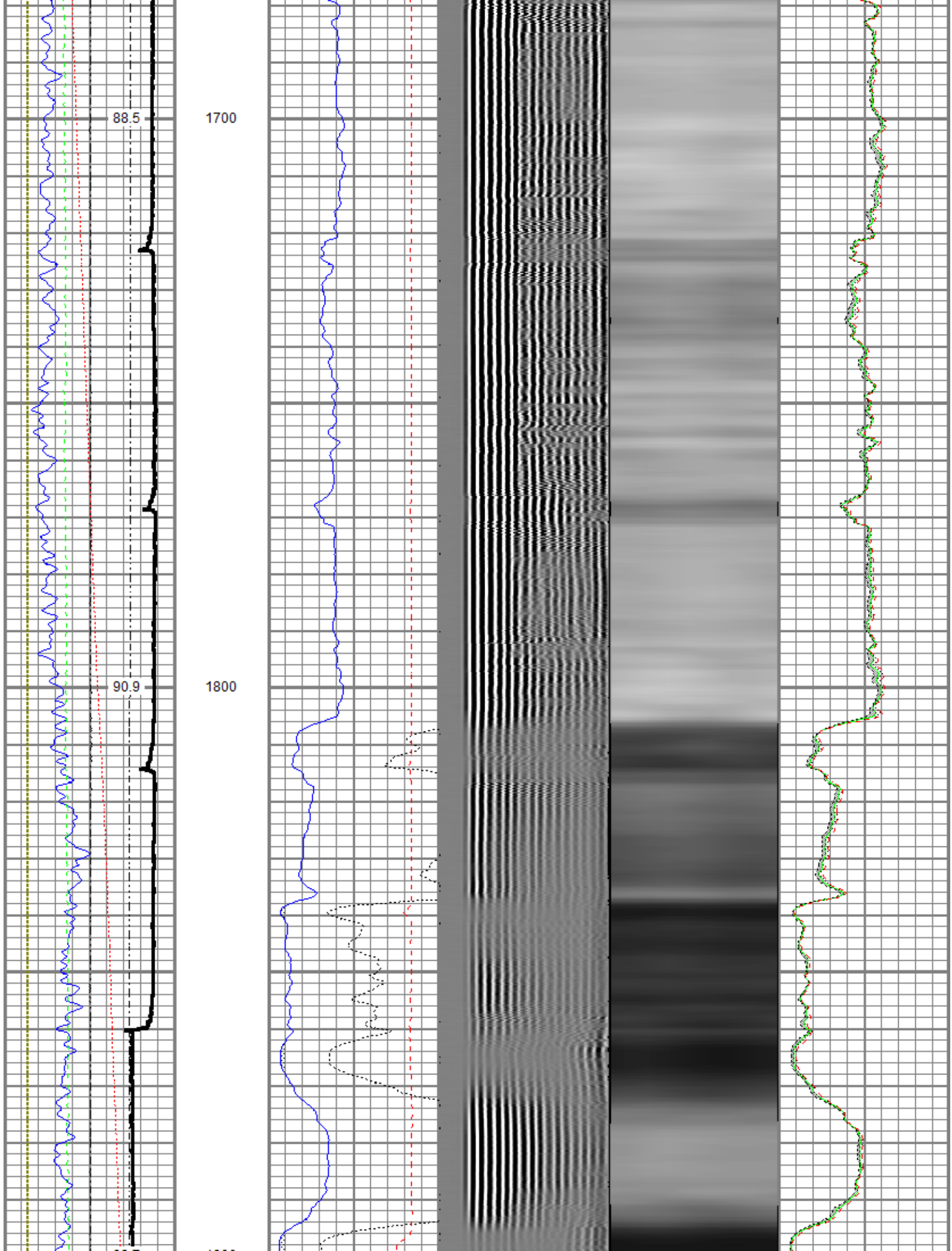


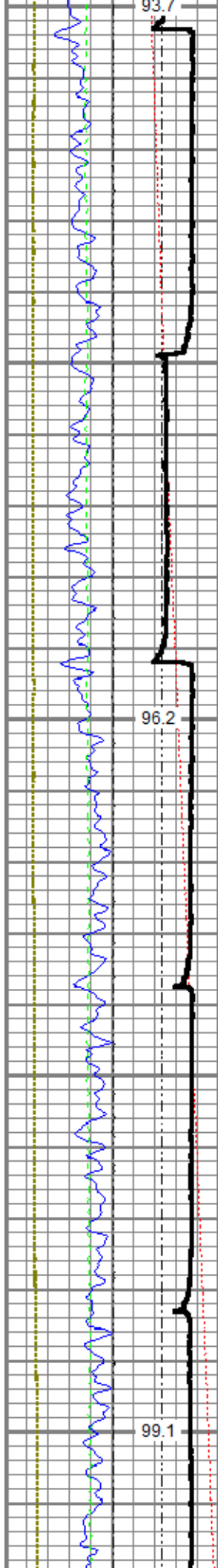








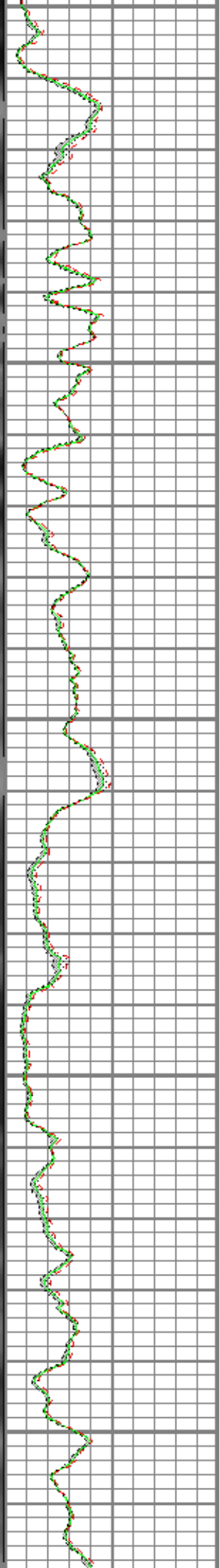
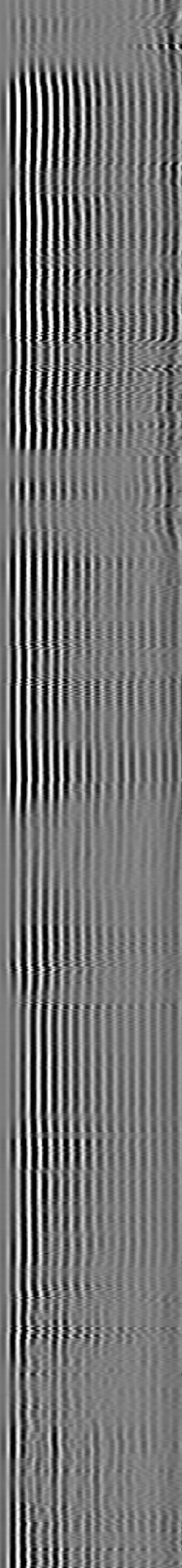
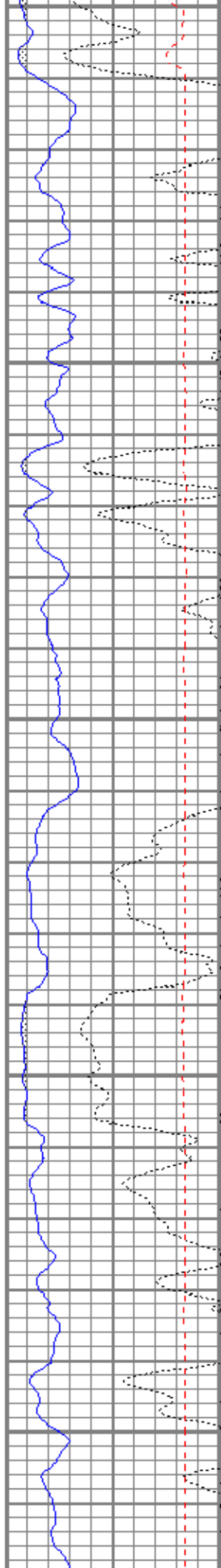


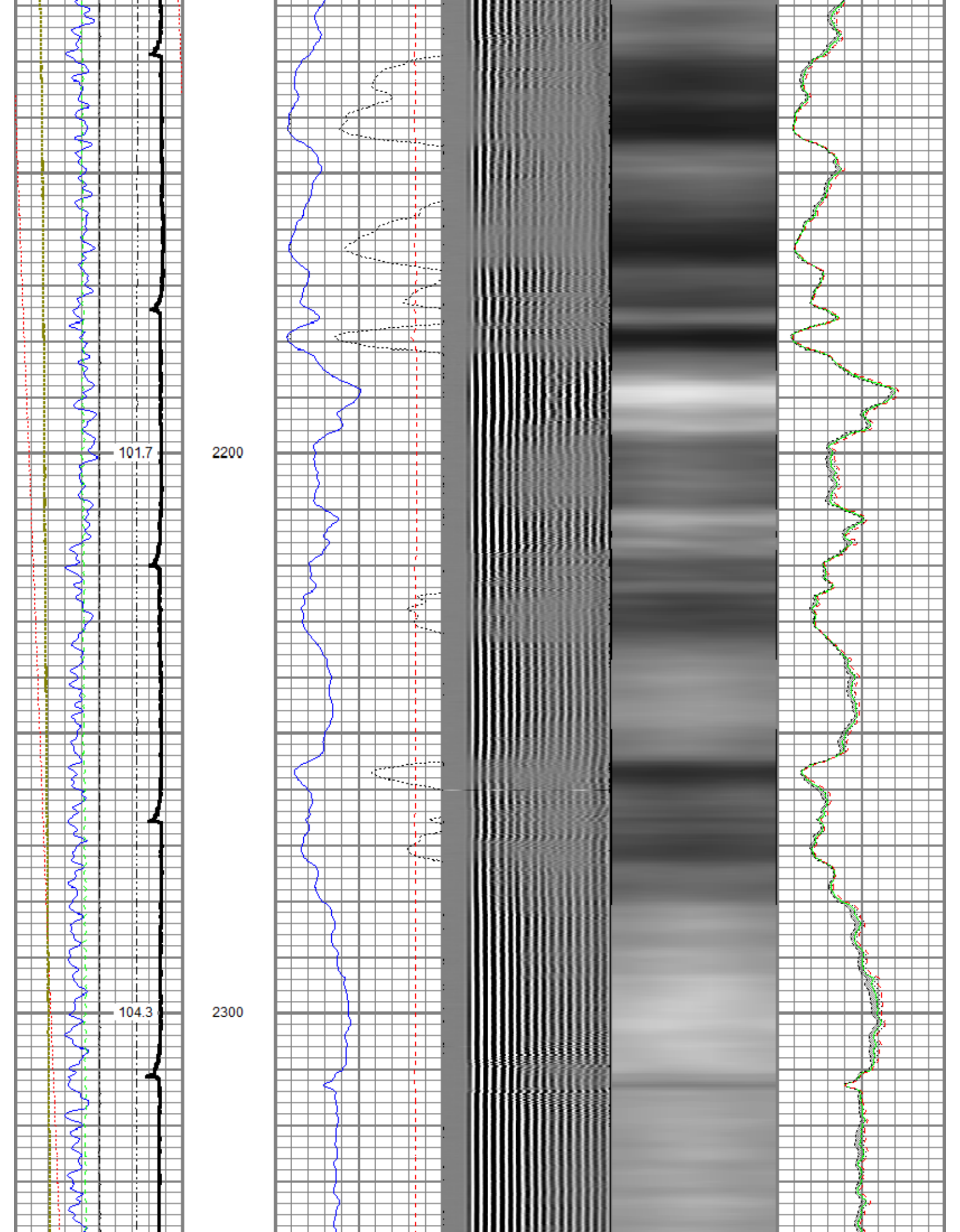


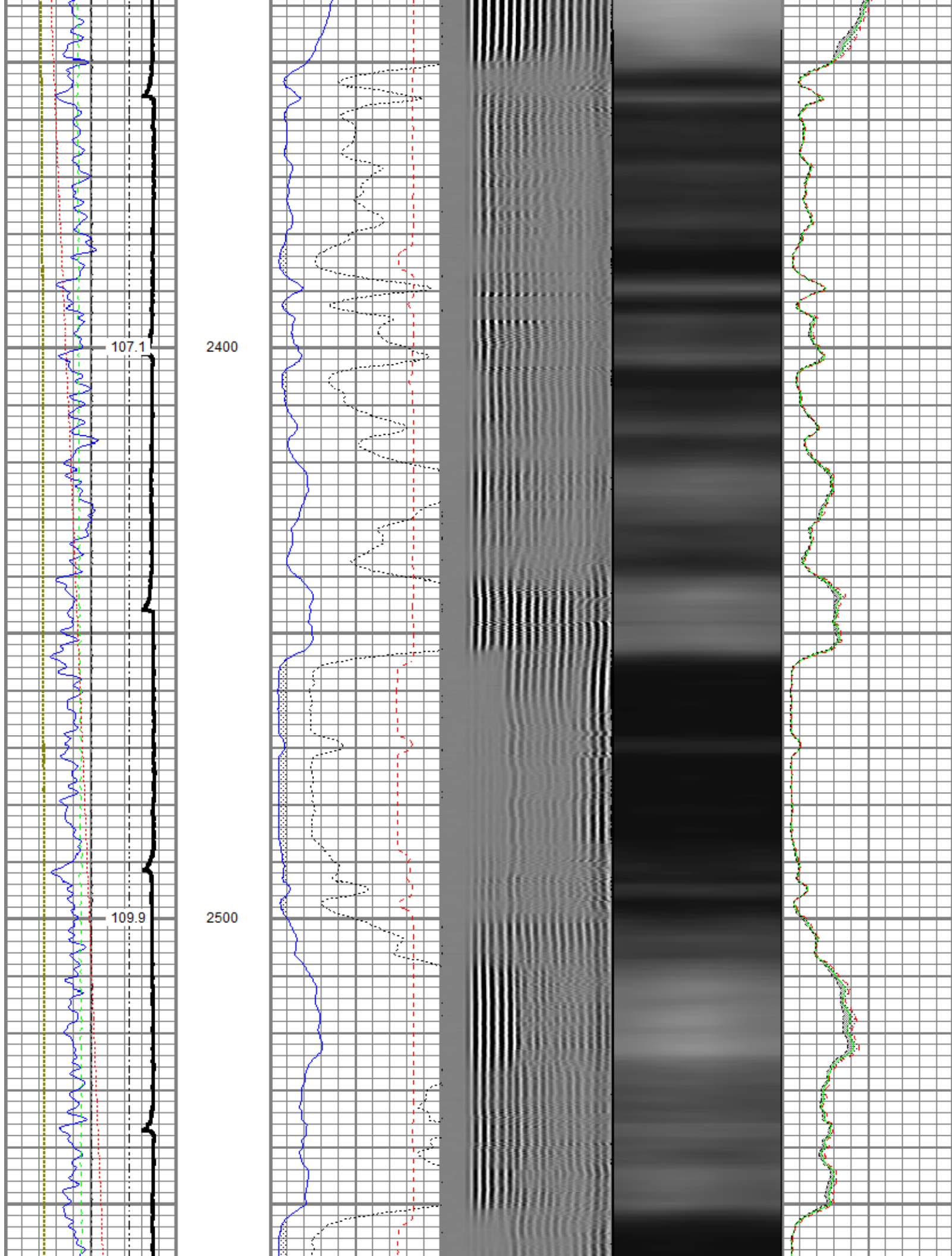
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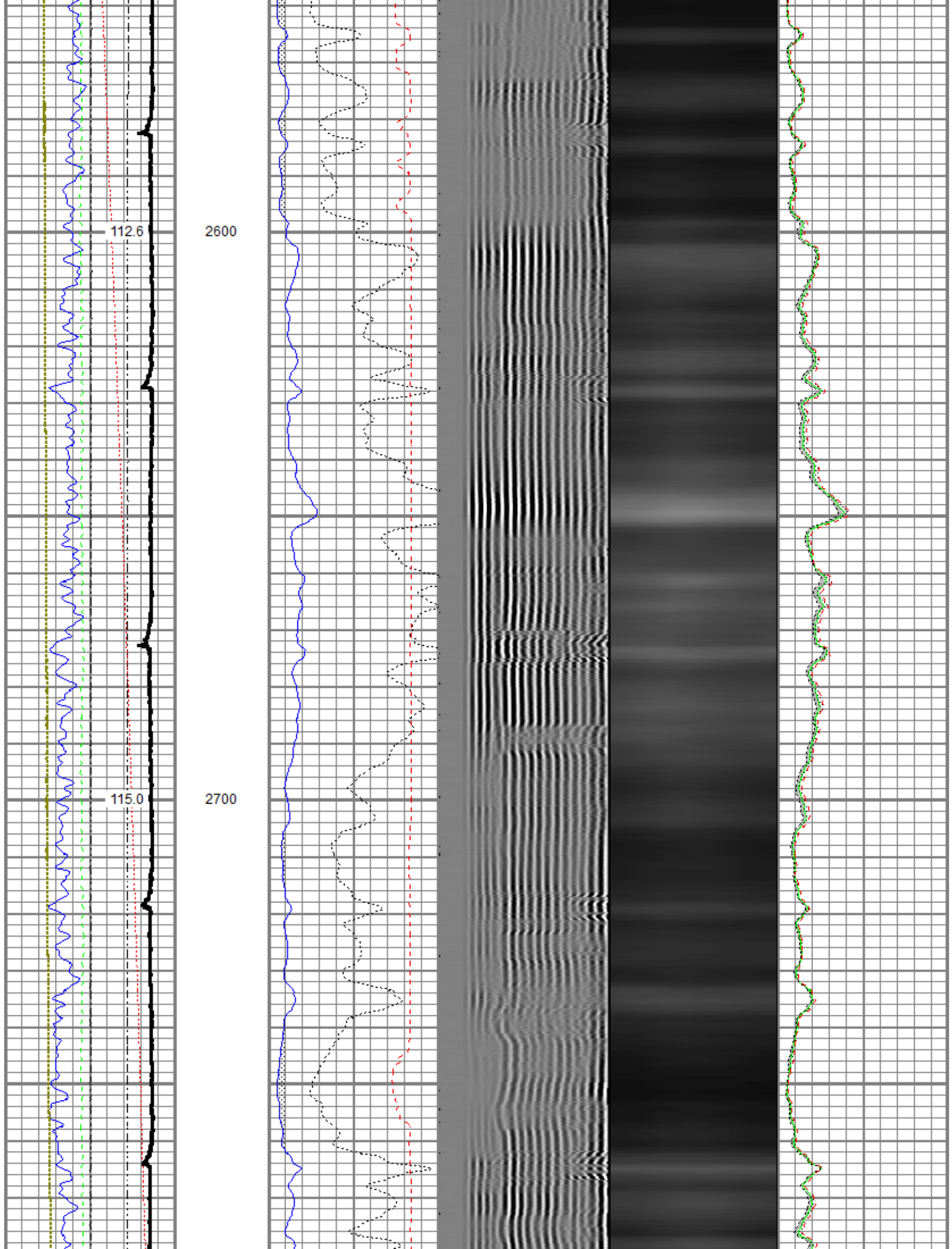
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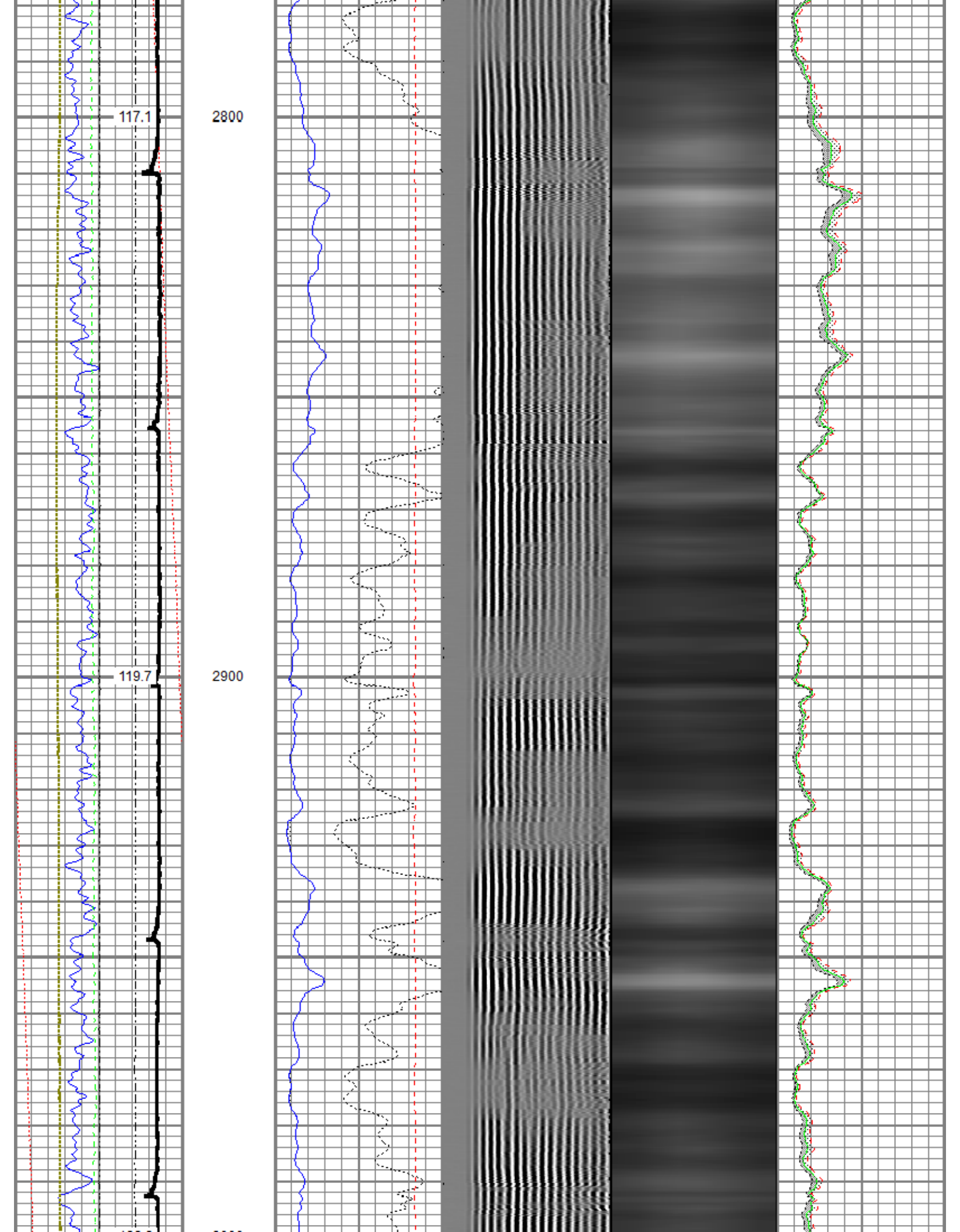
2100

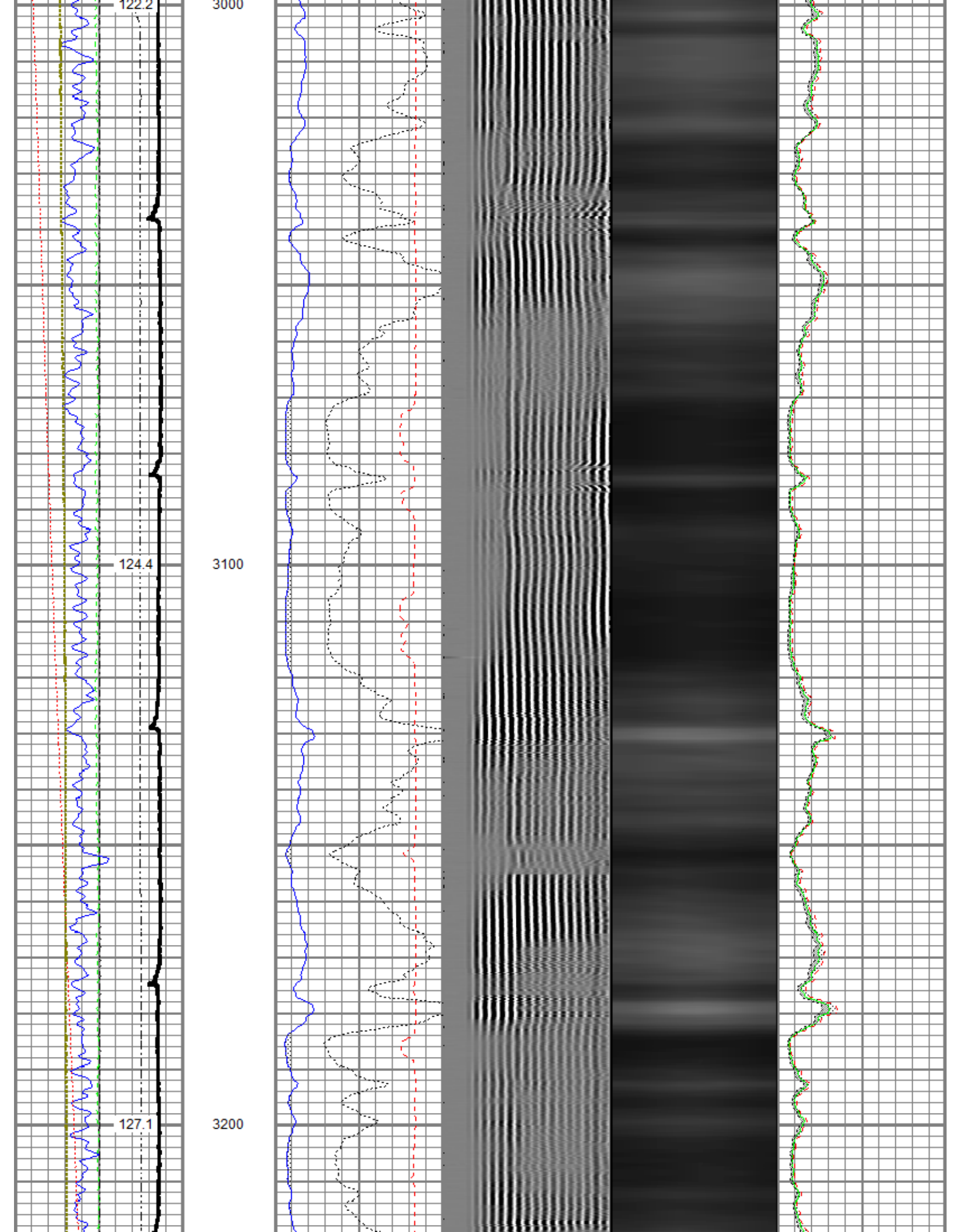










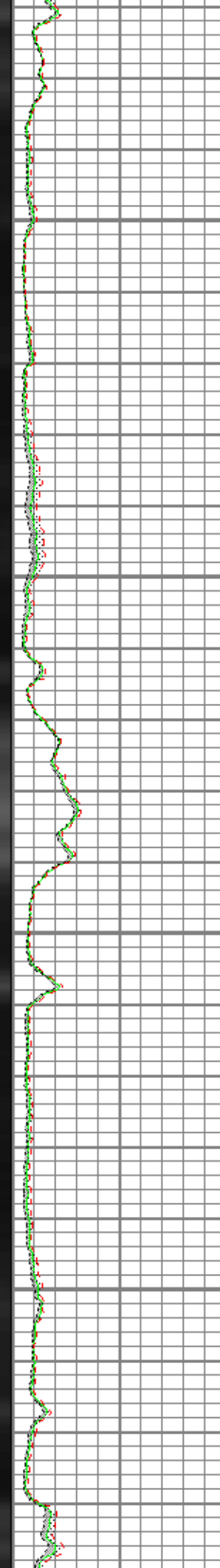
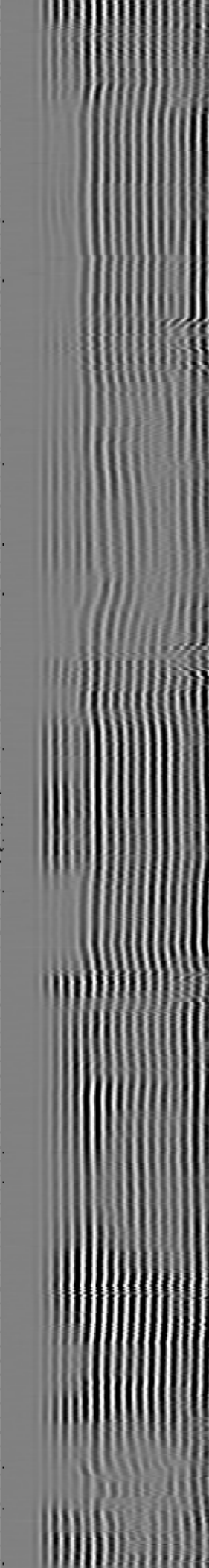
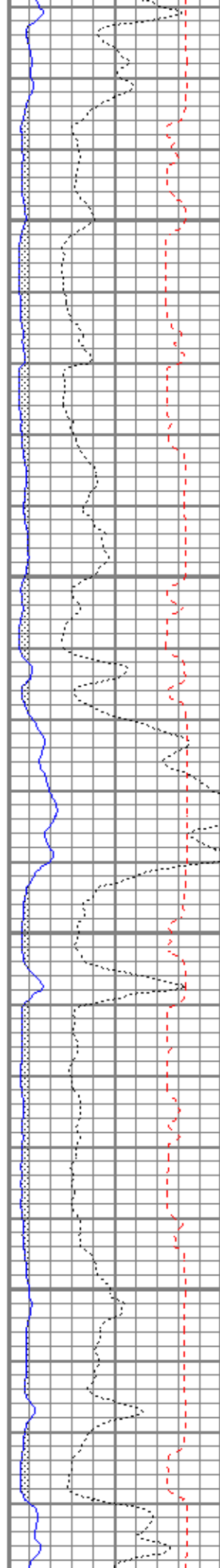


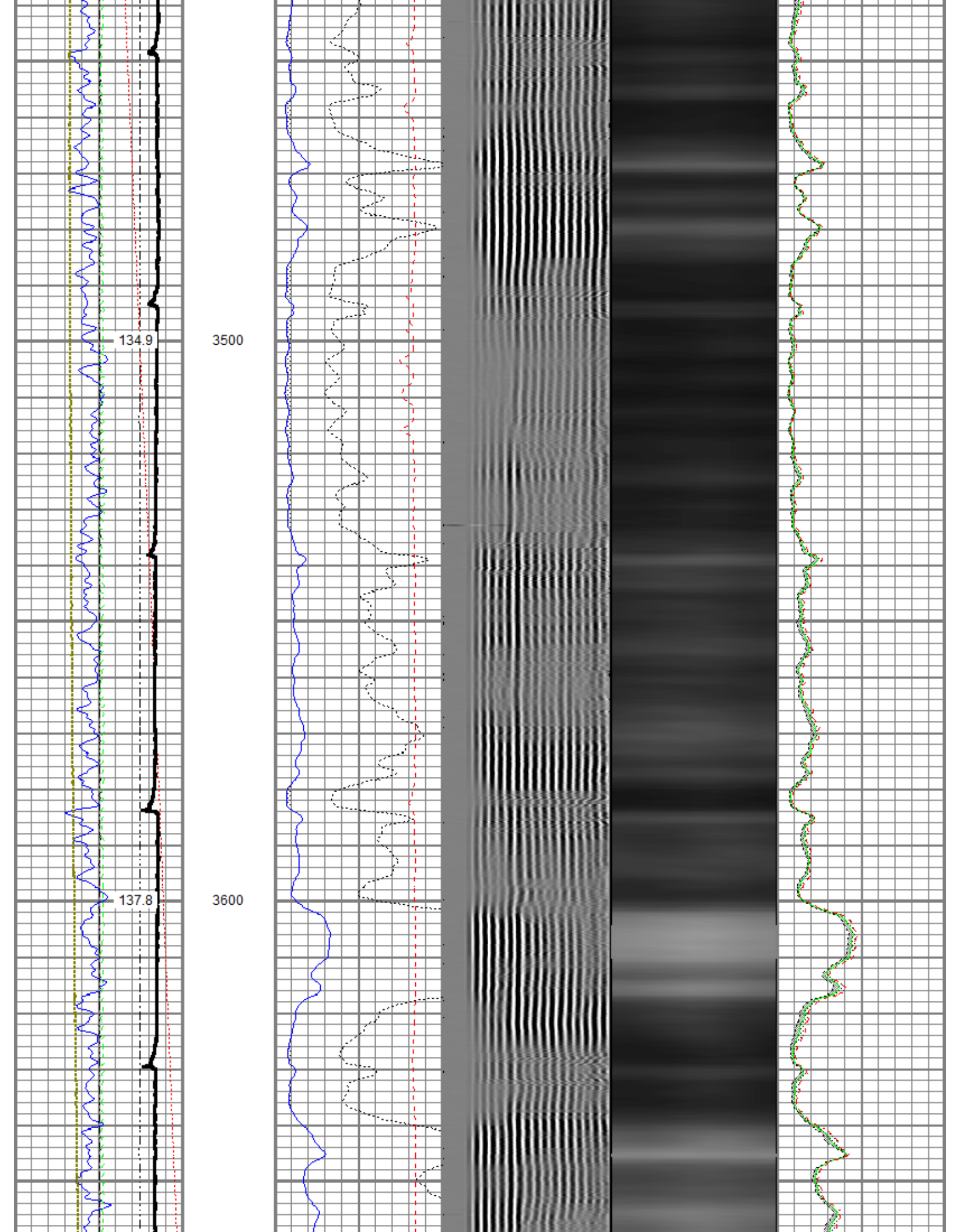
129.5

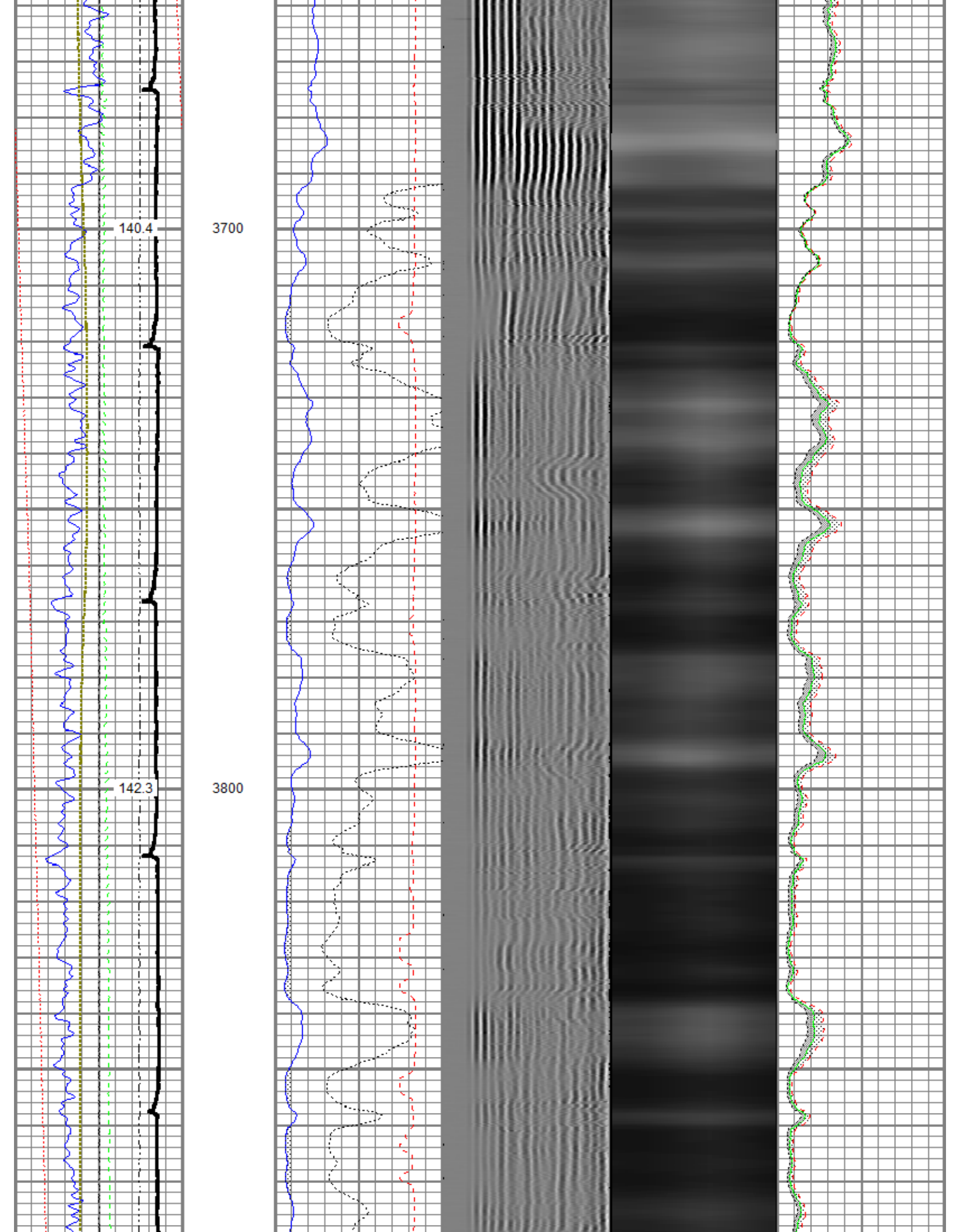
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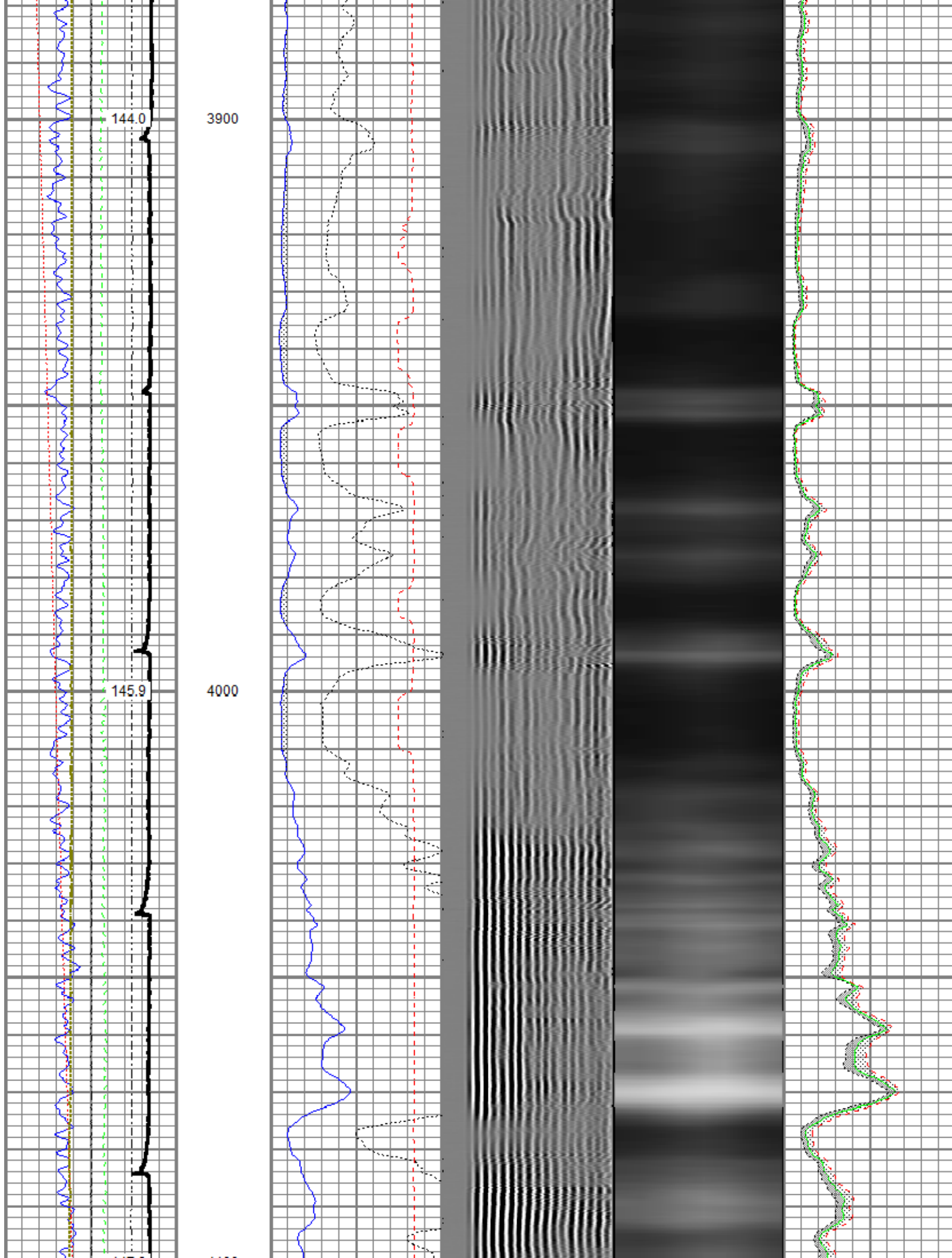
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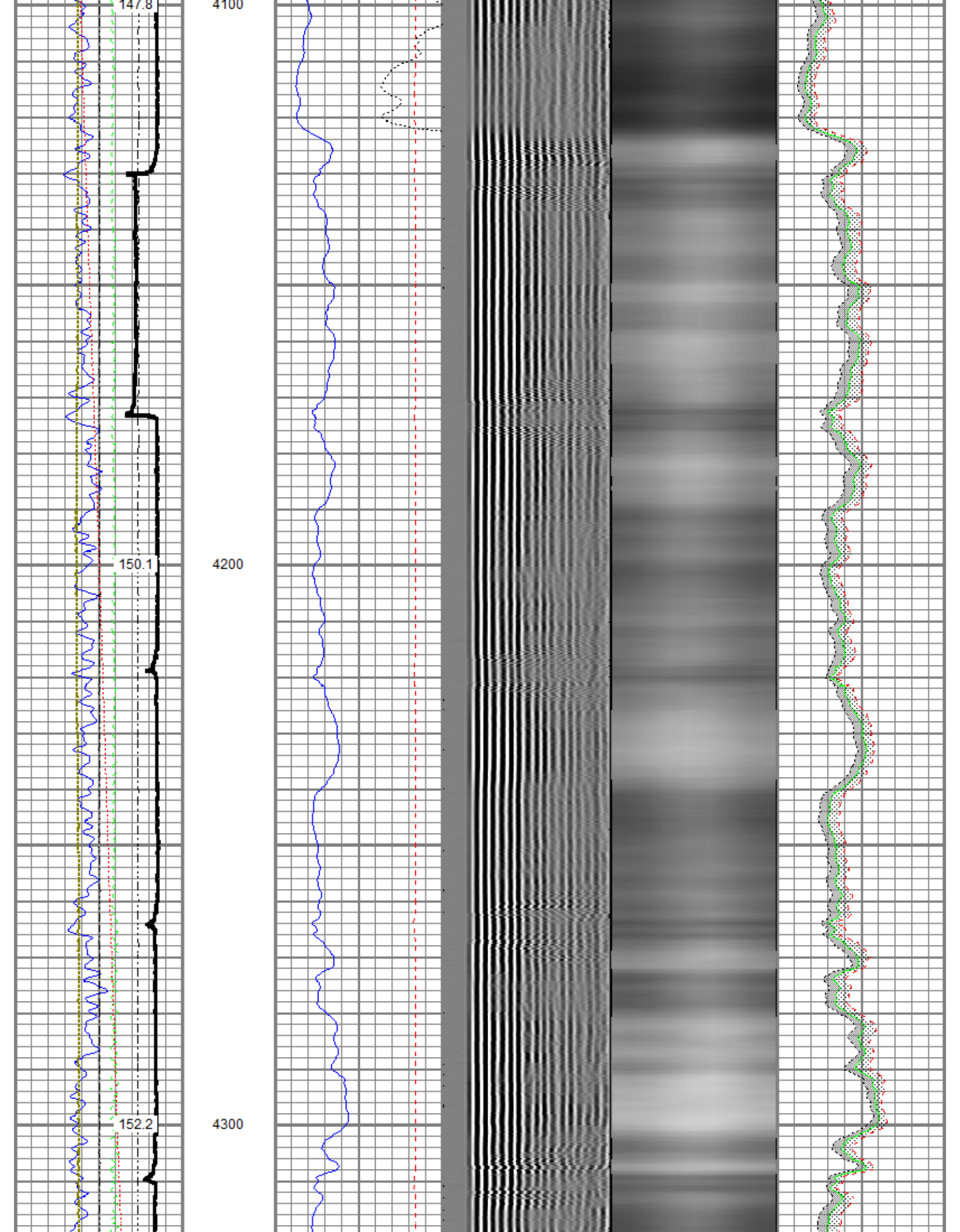
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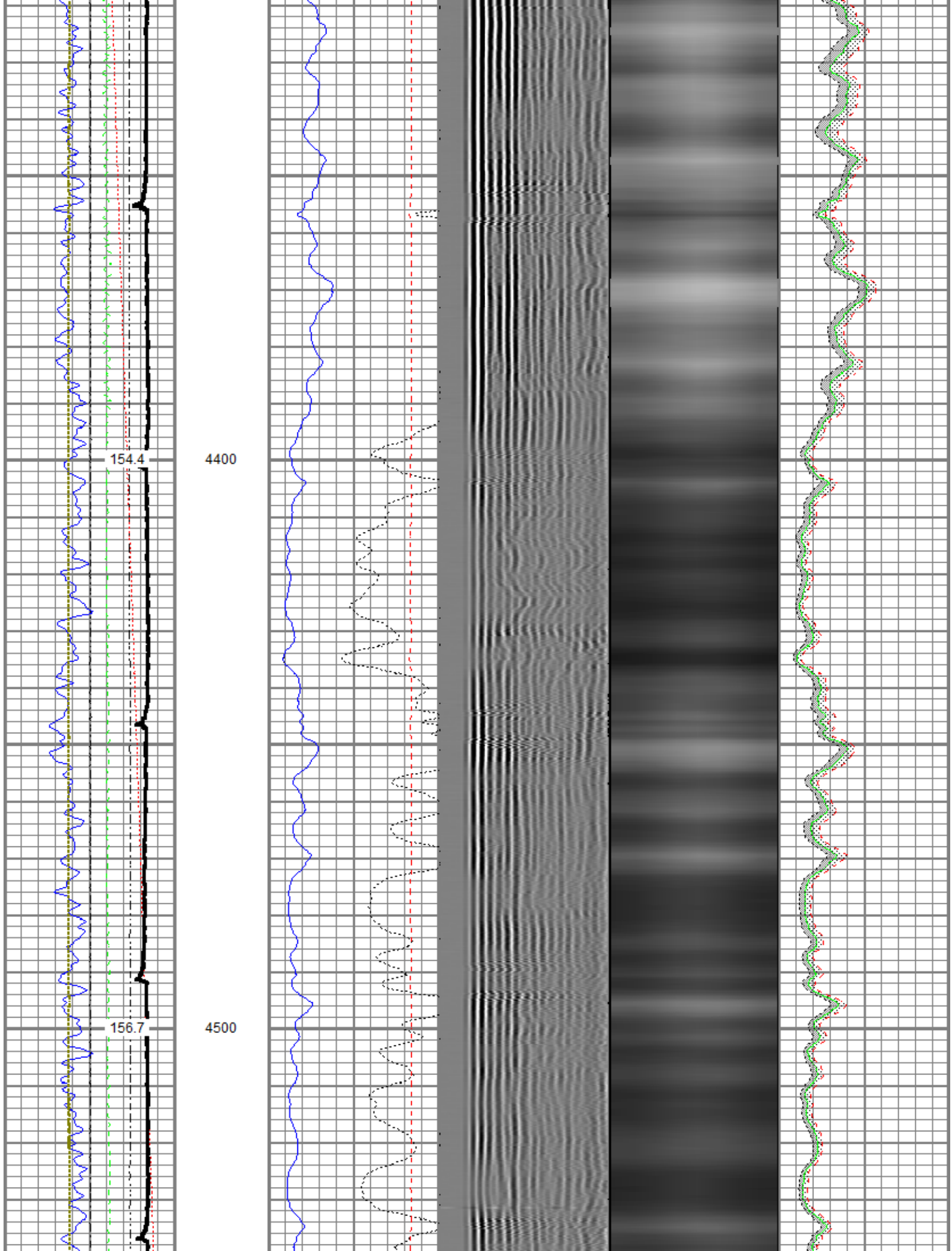


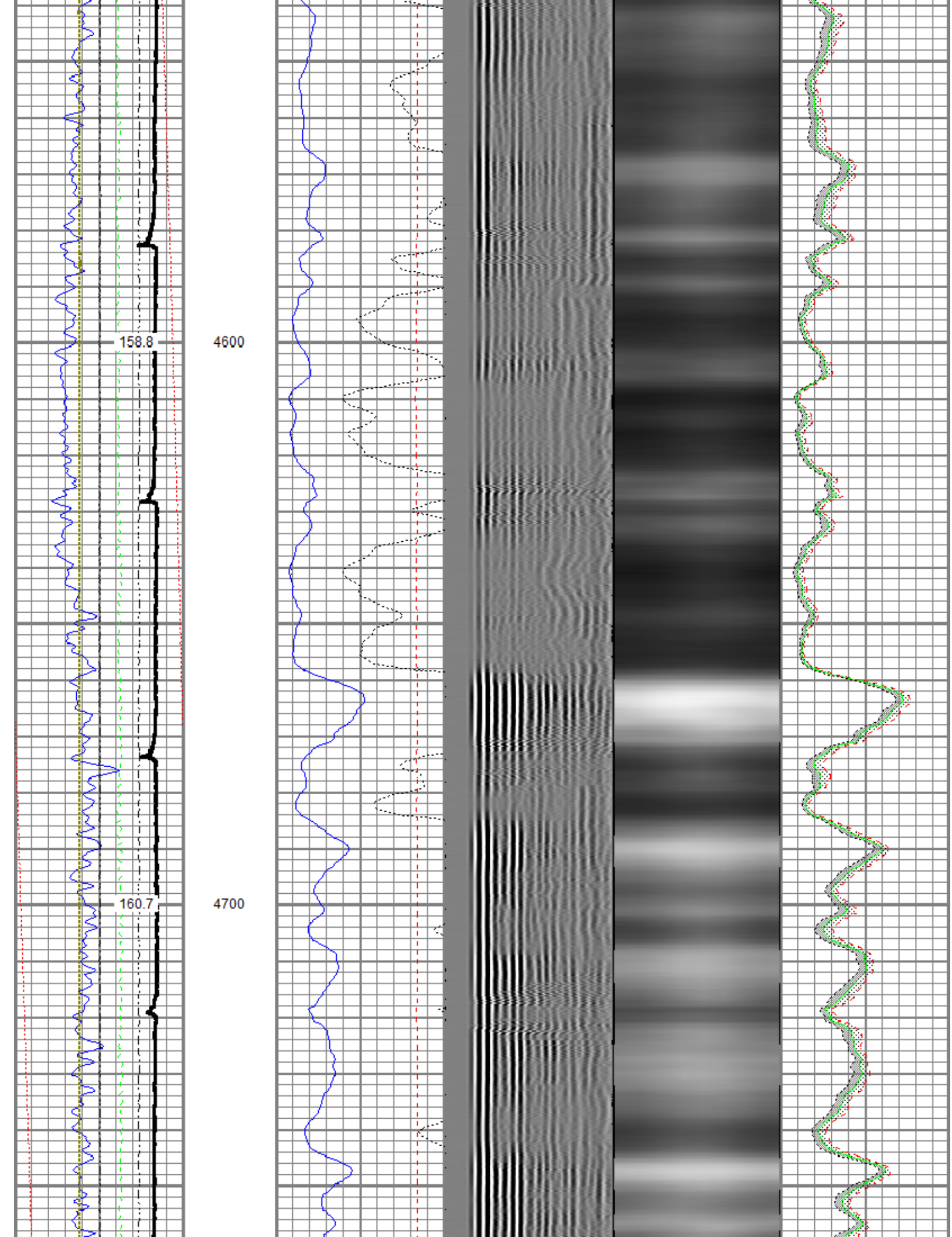


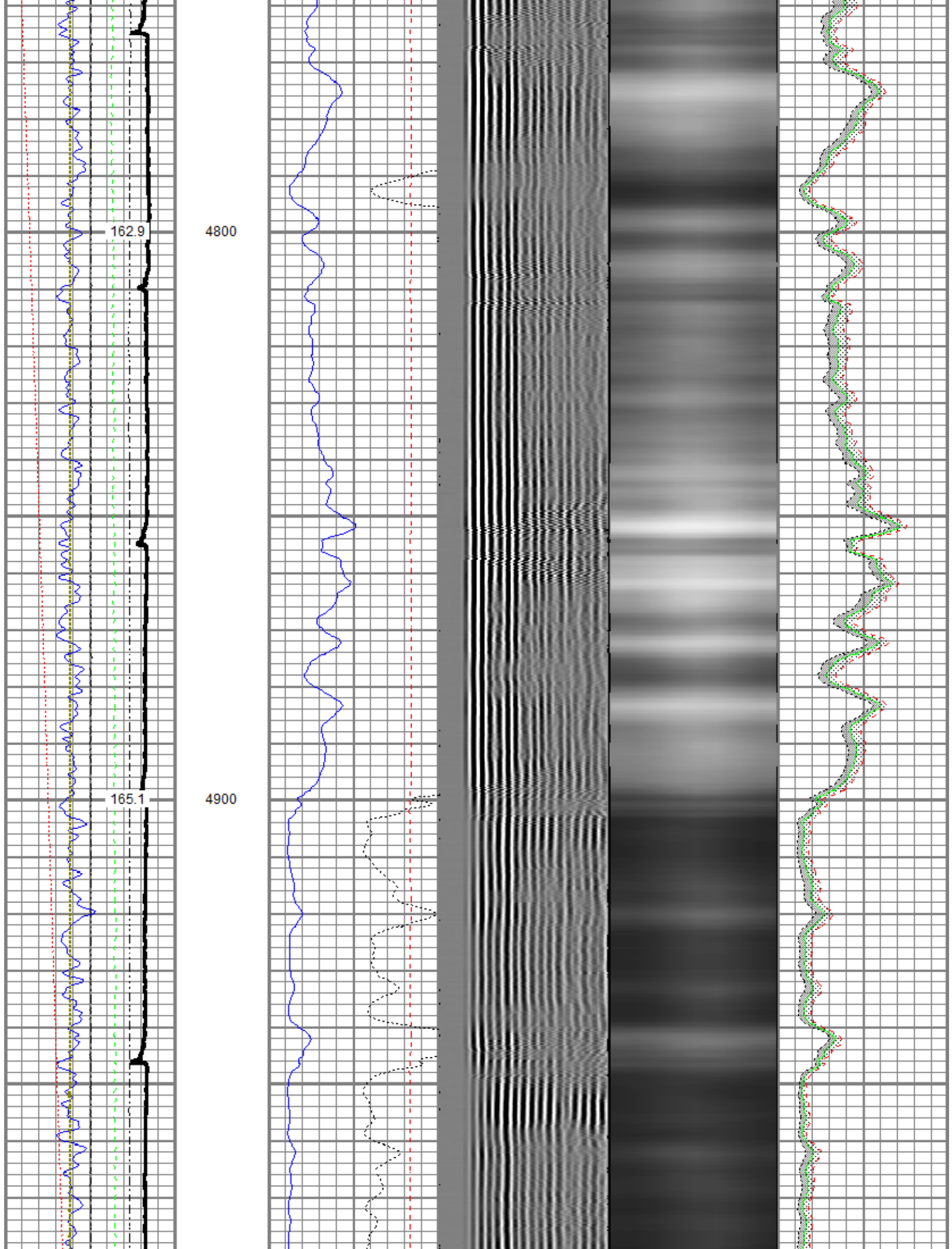


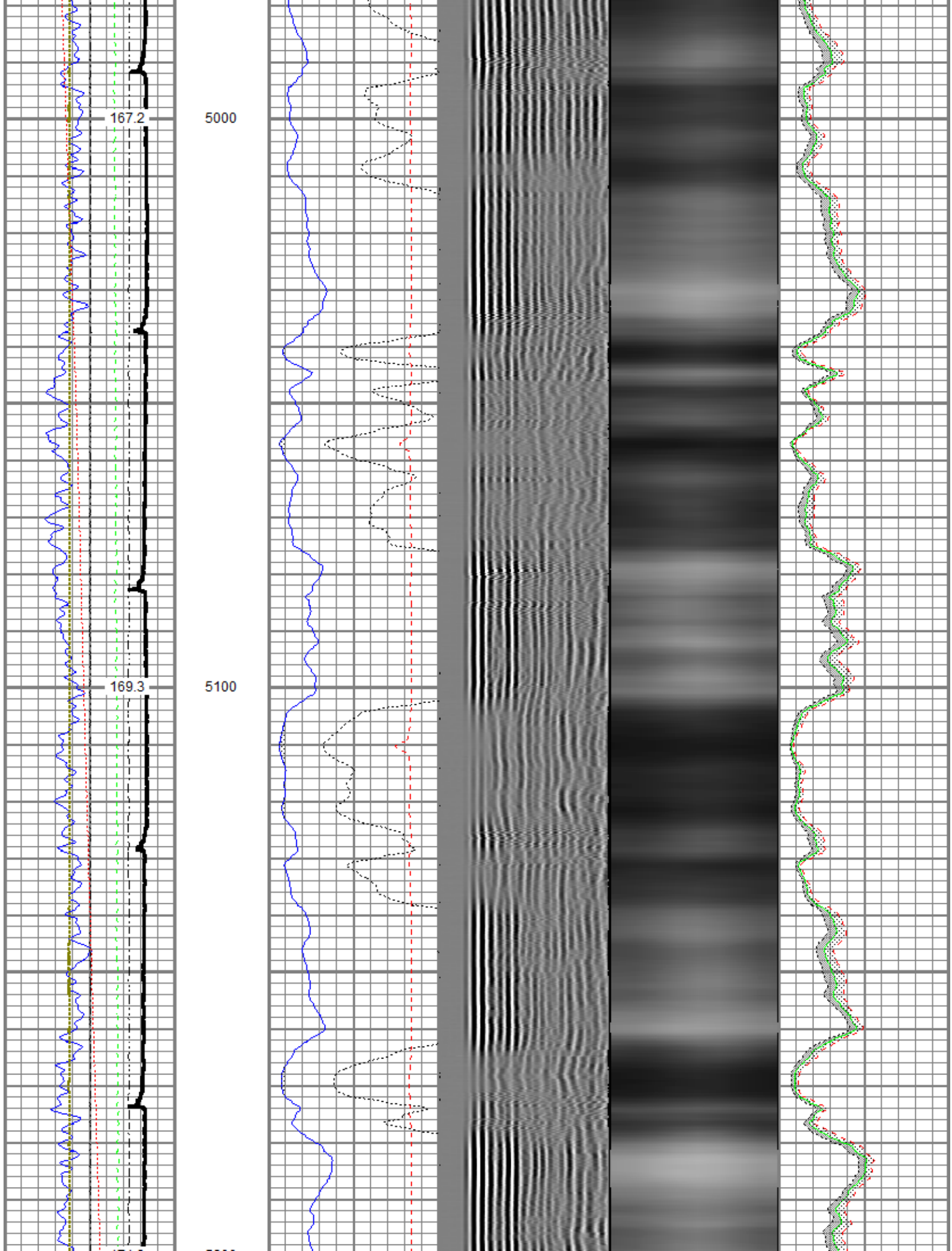


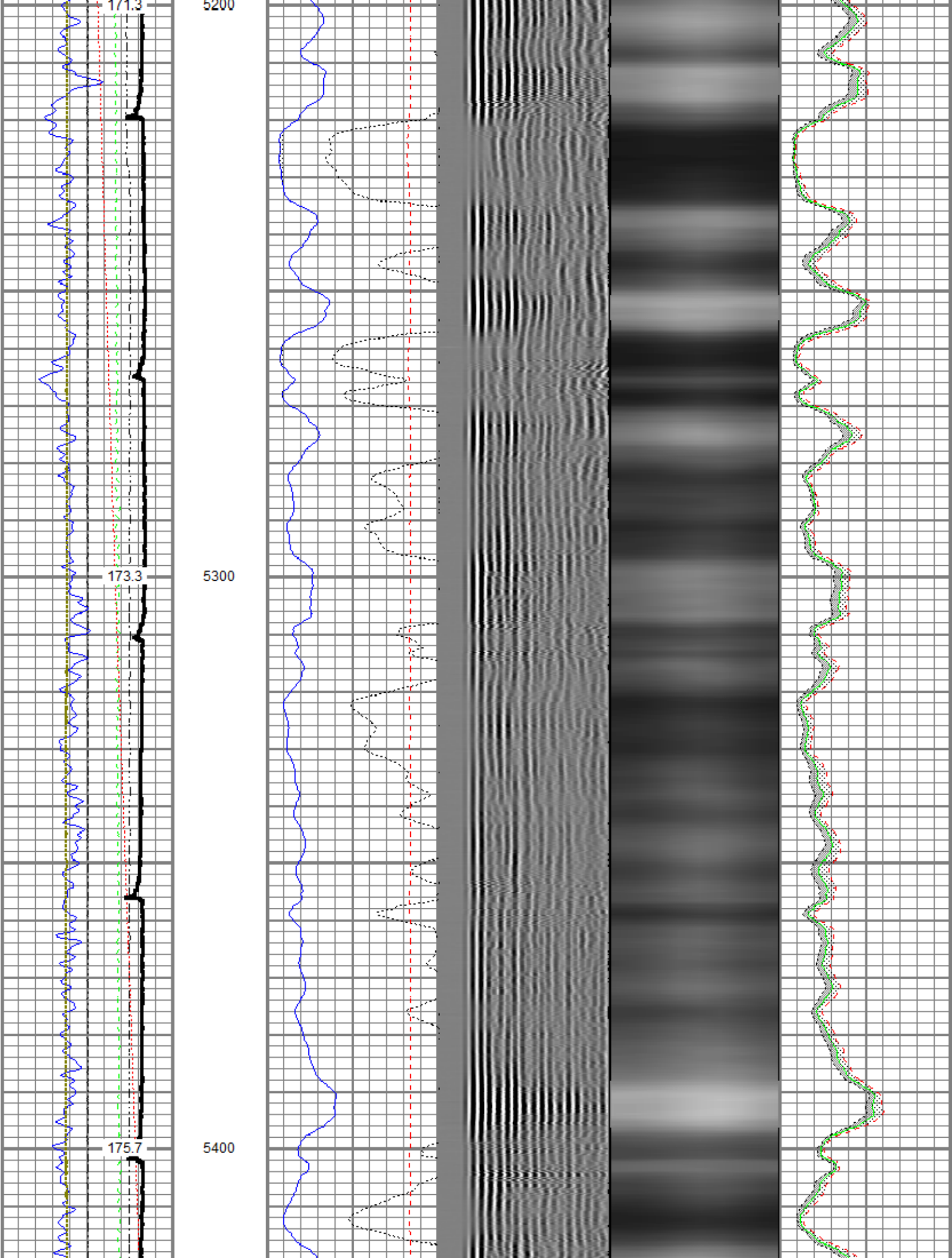


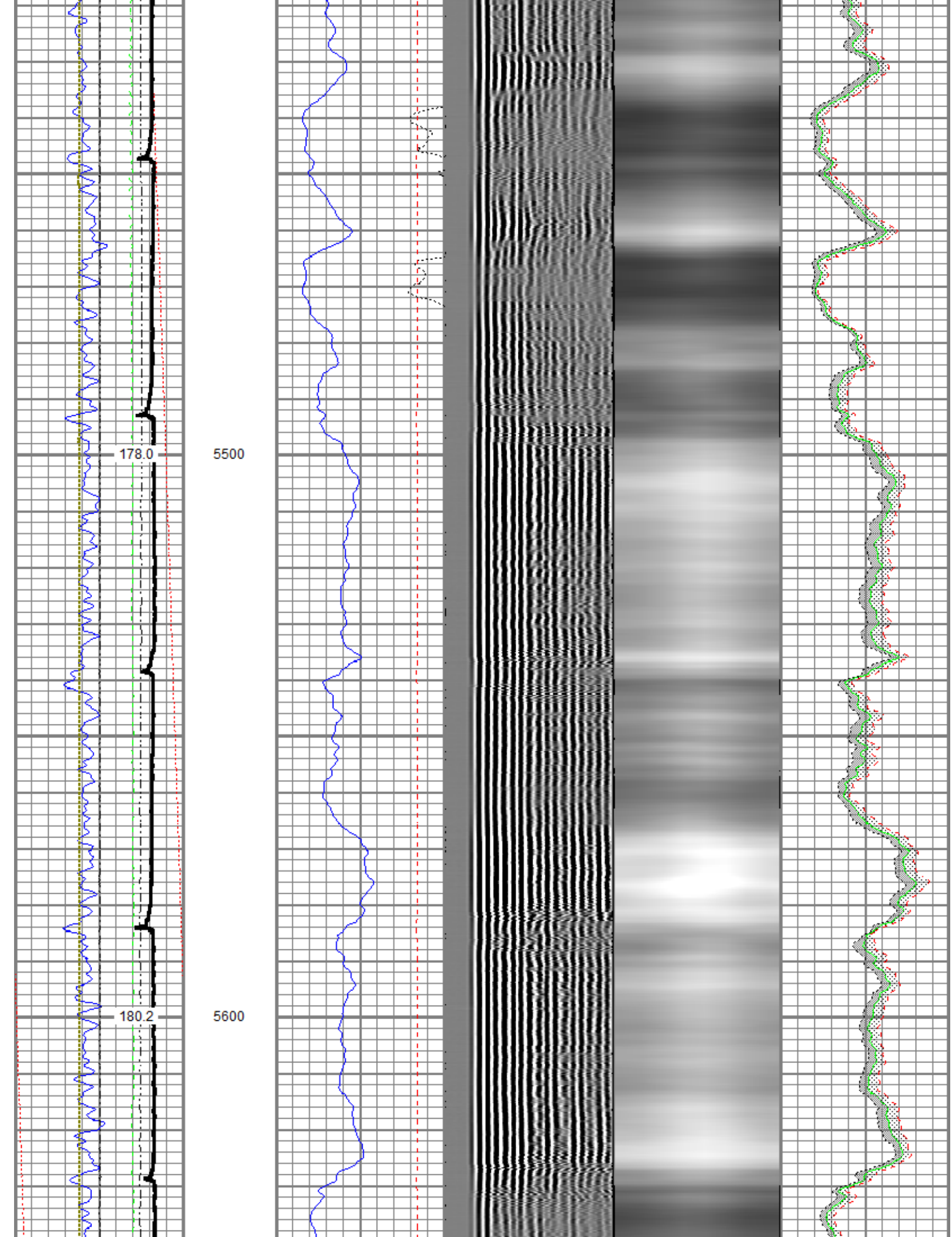


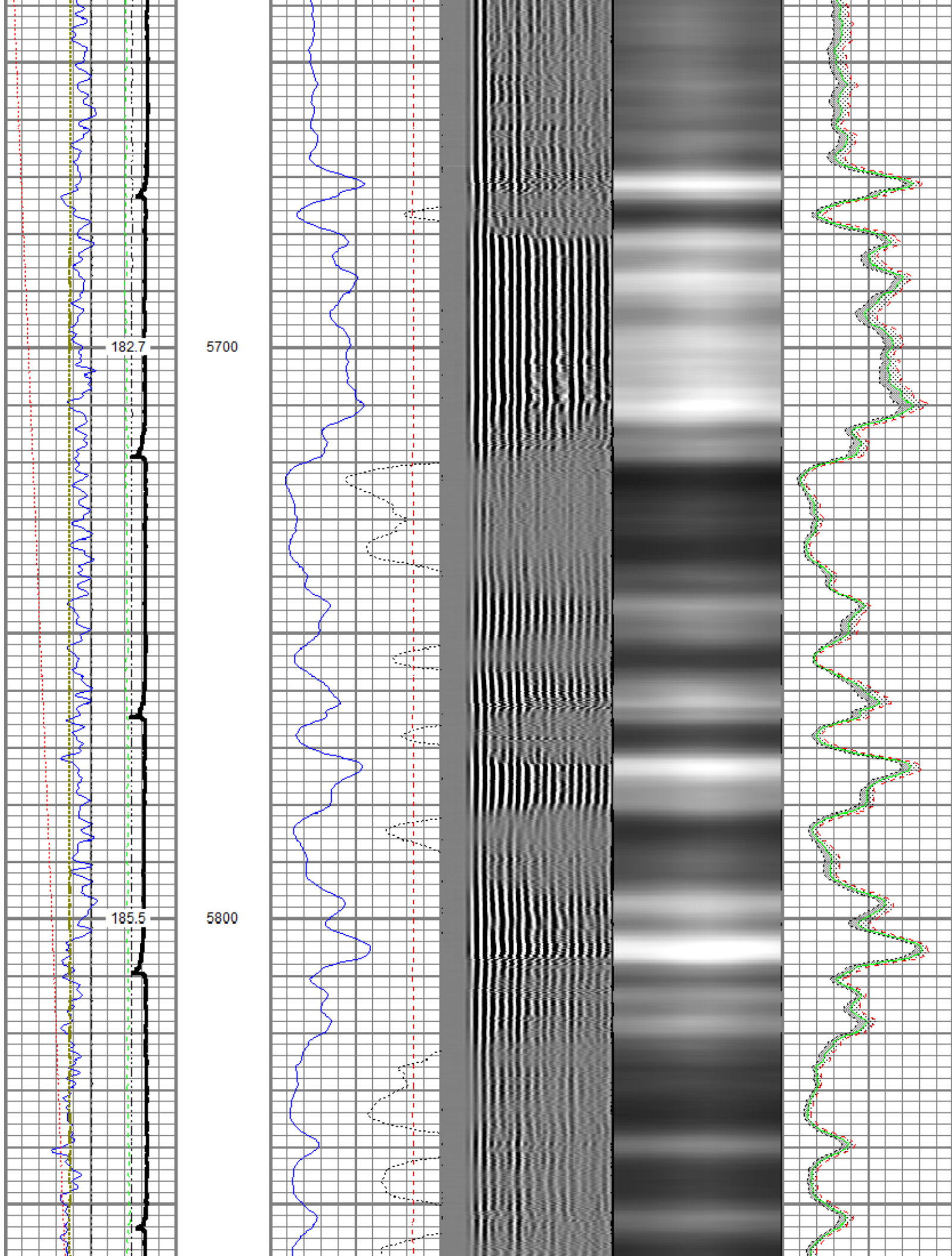


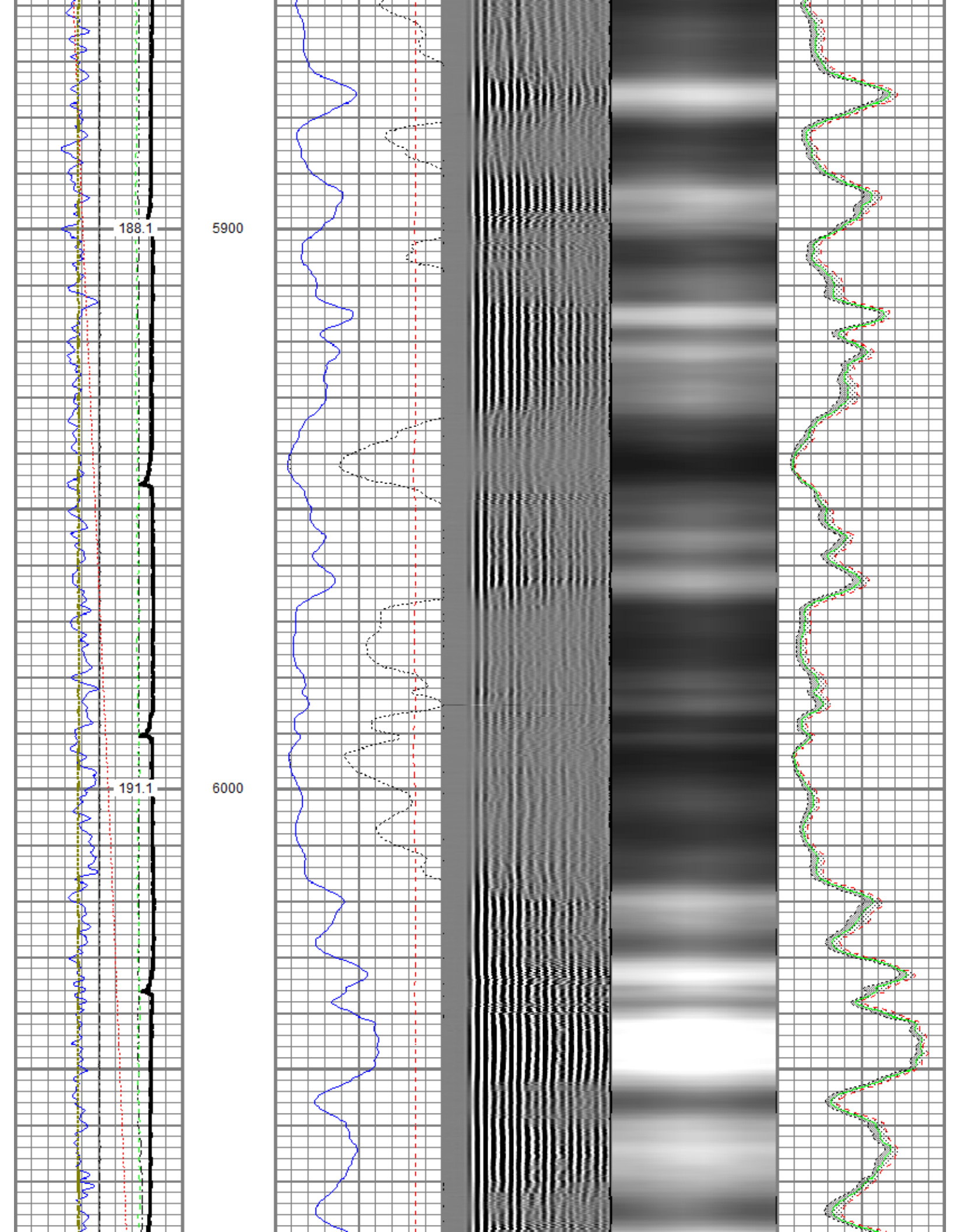


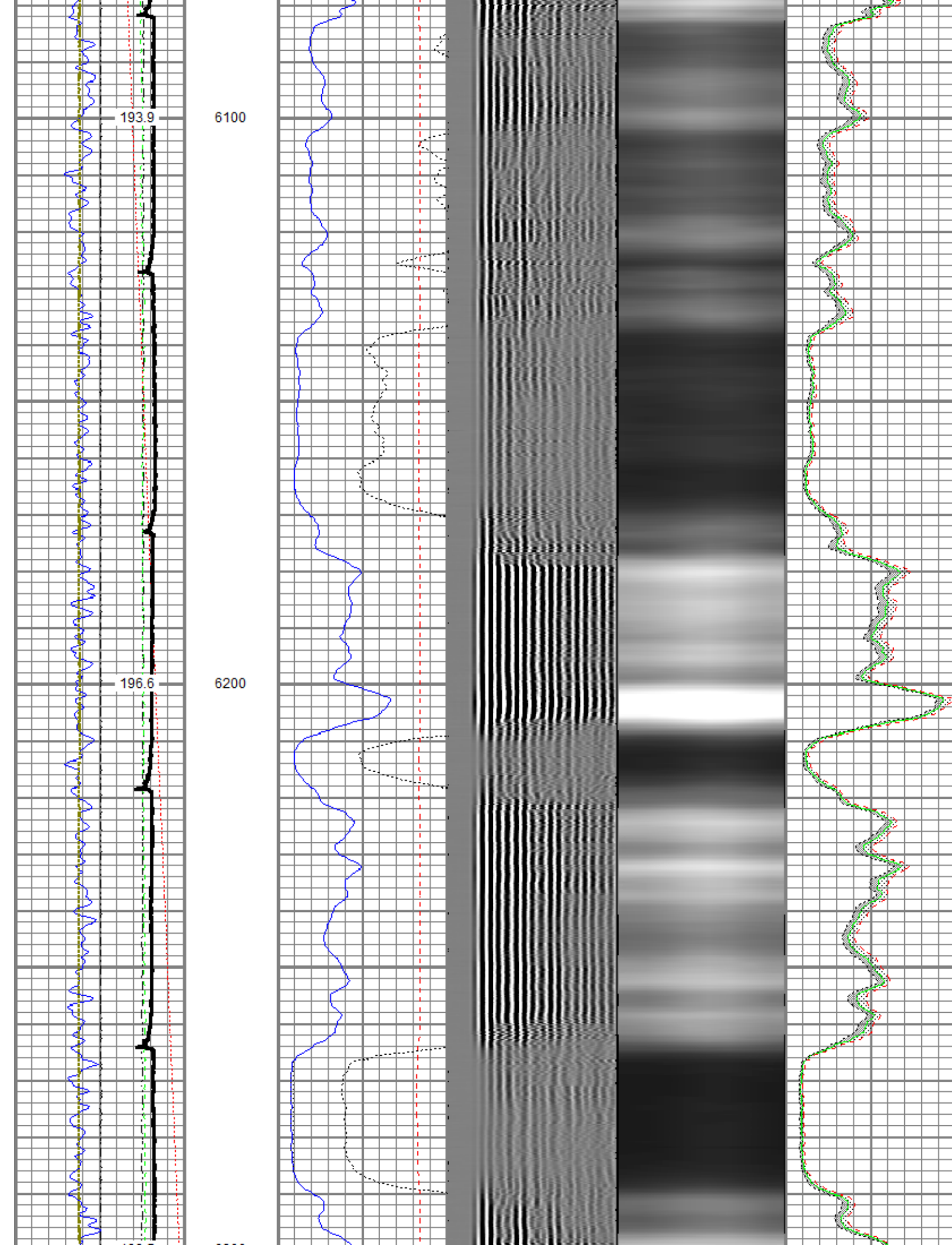


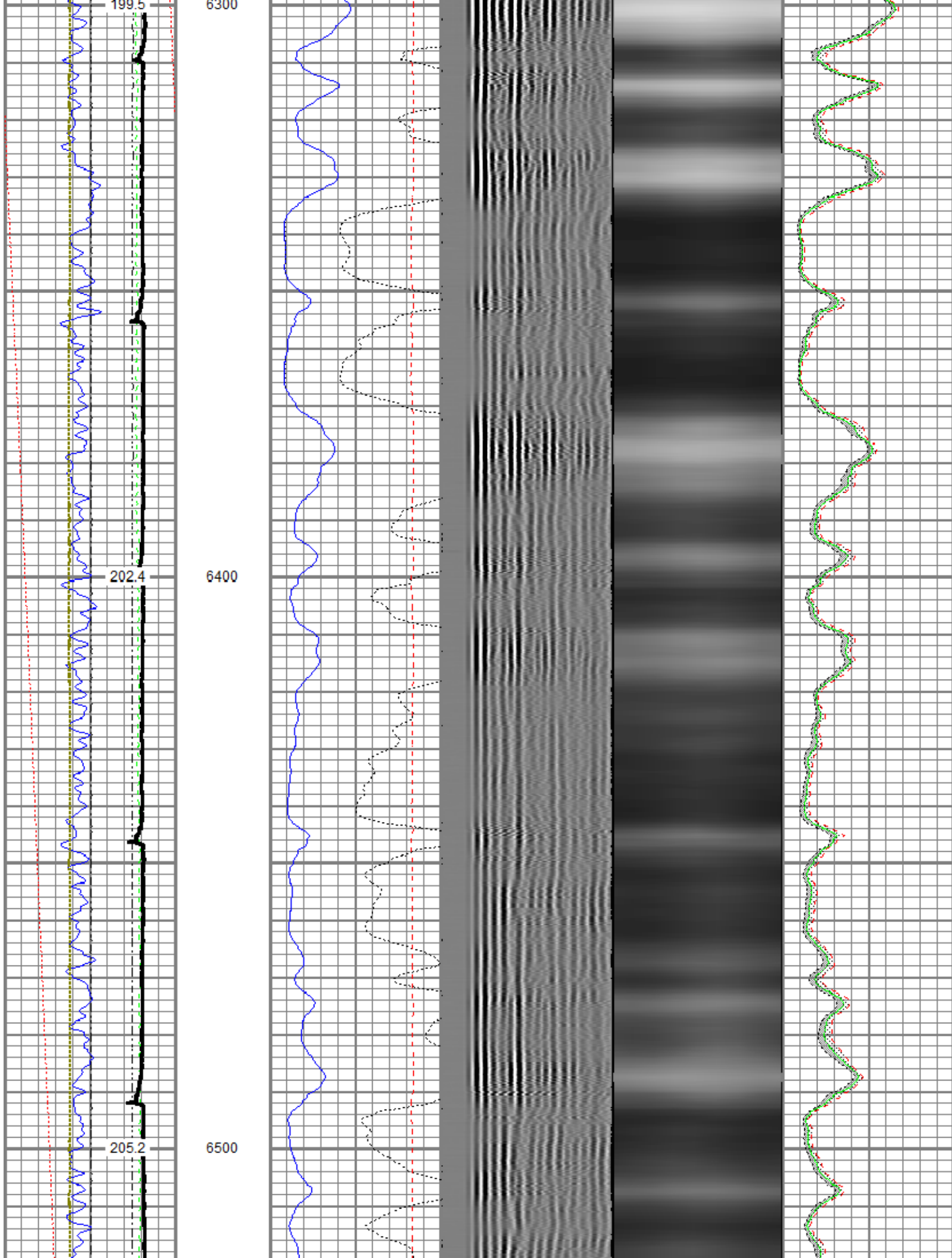


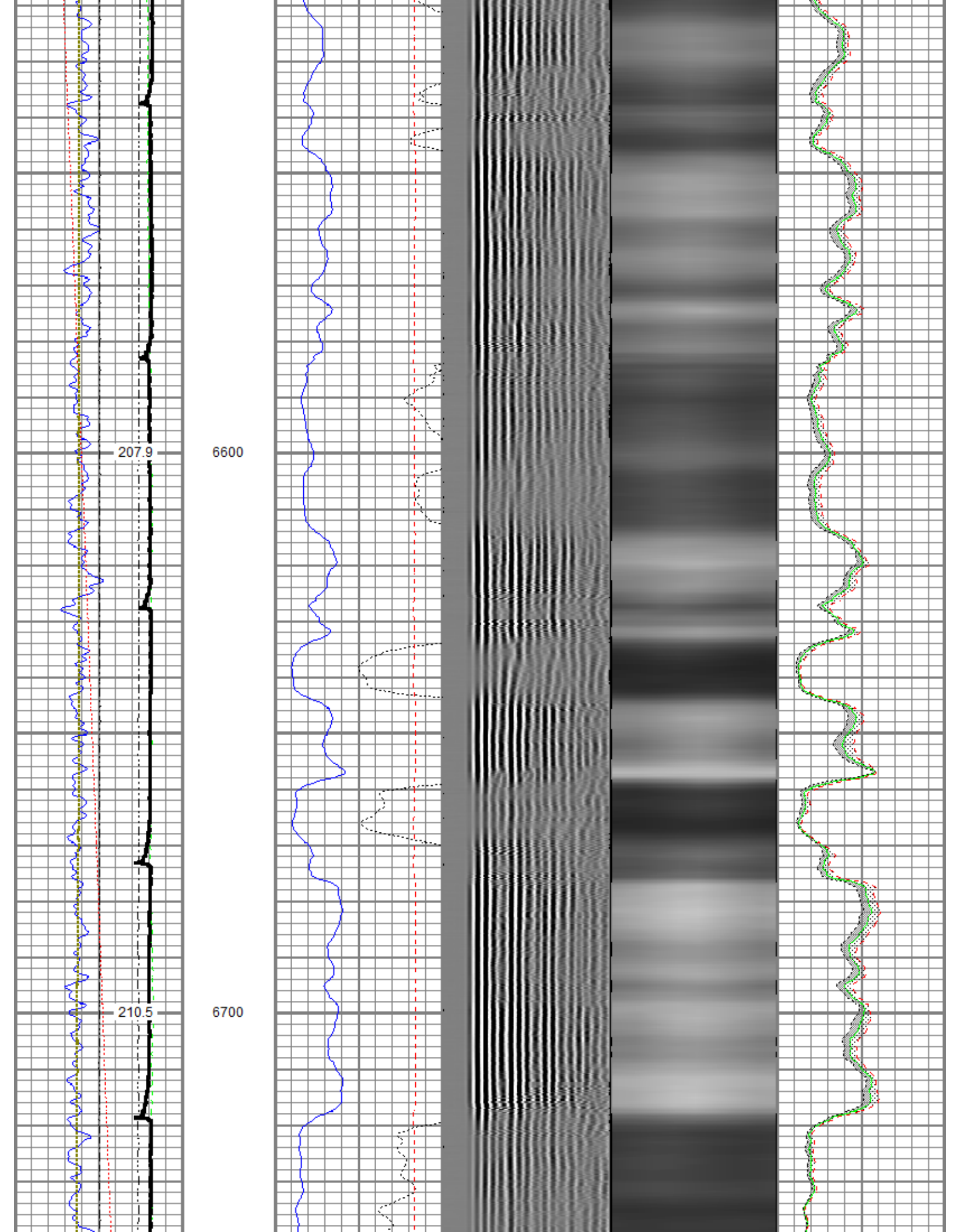


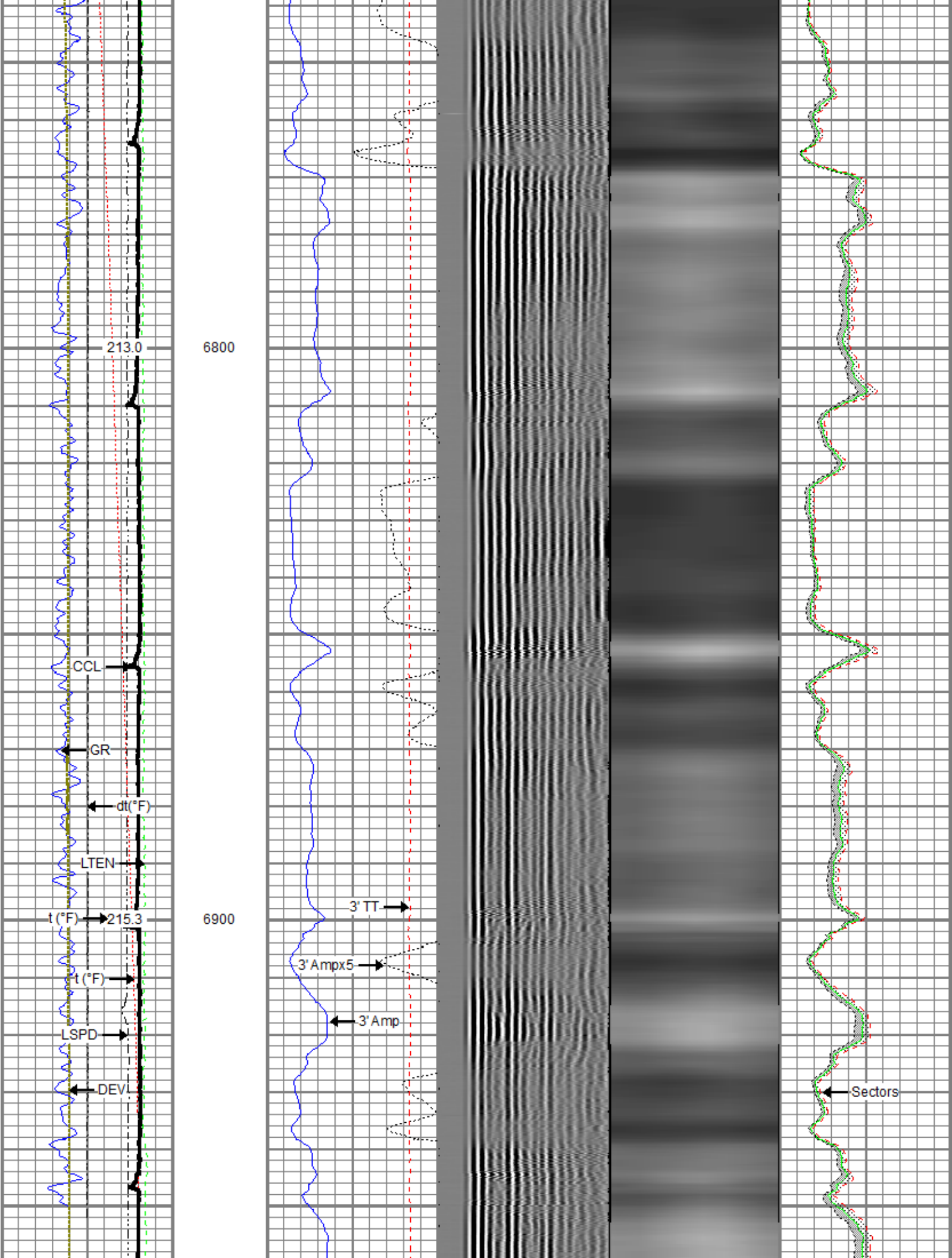


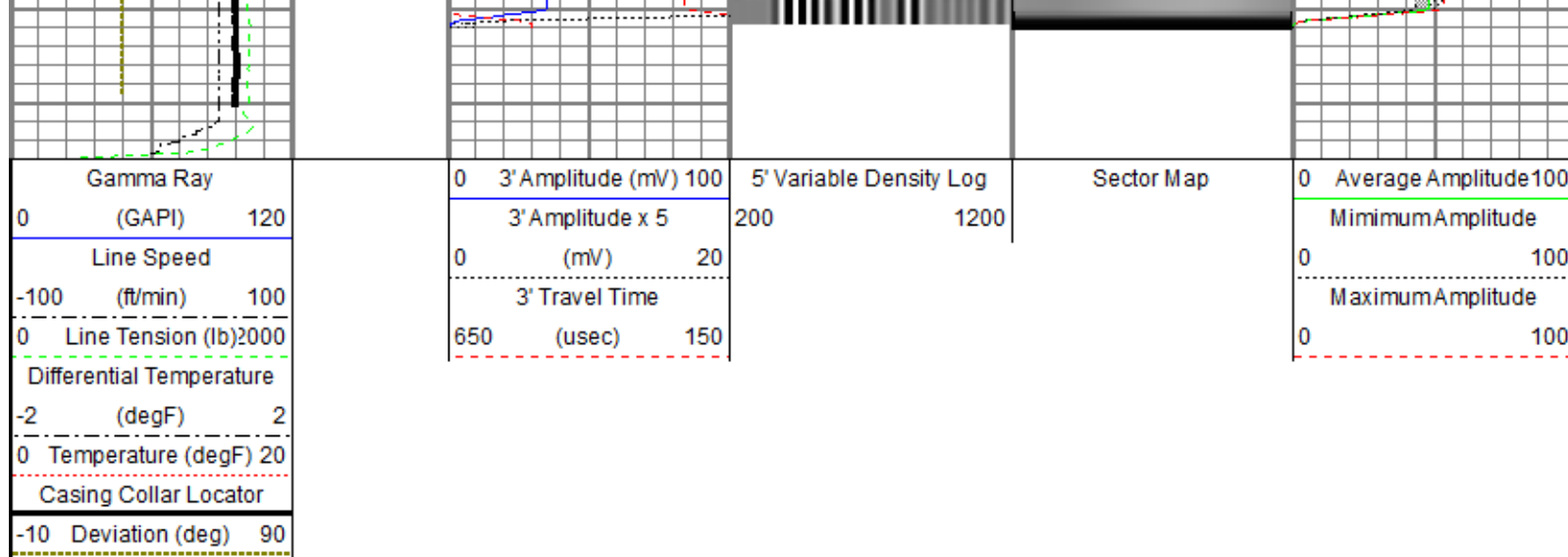








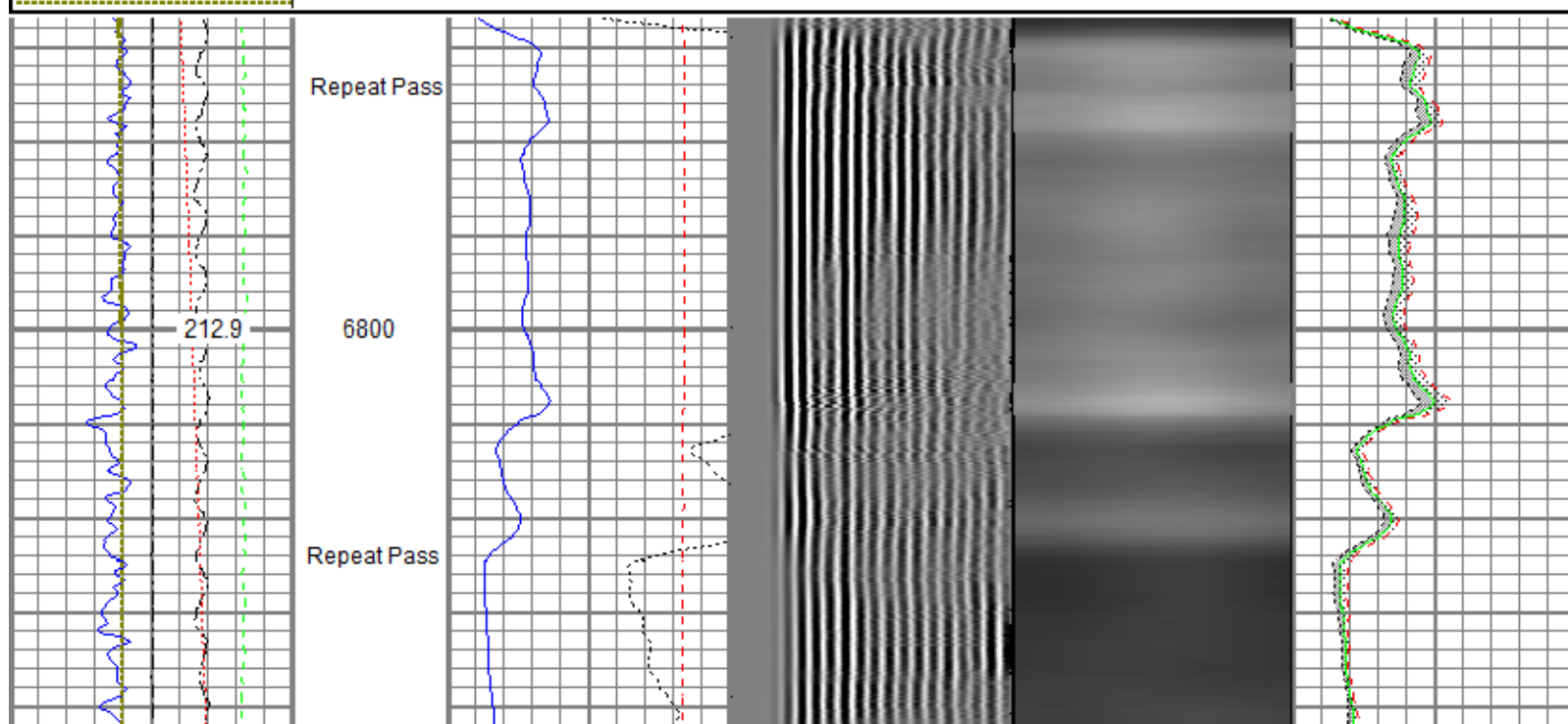
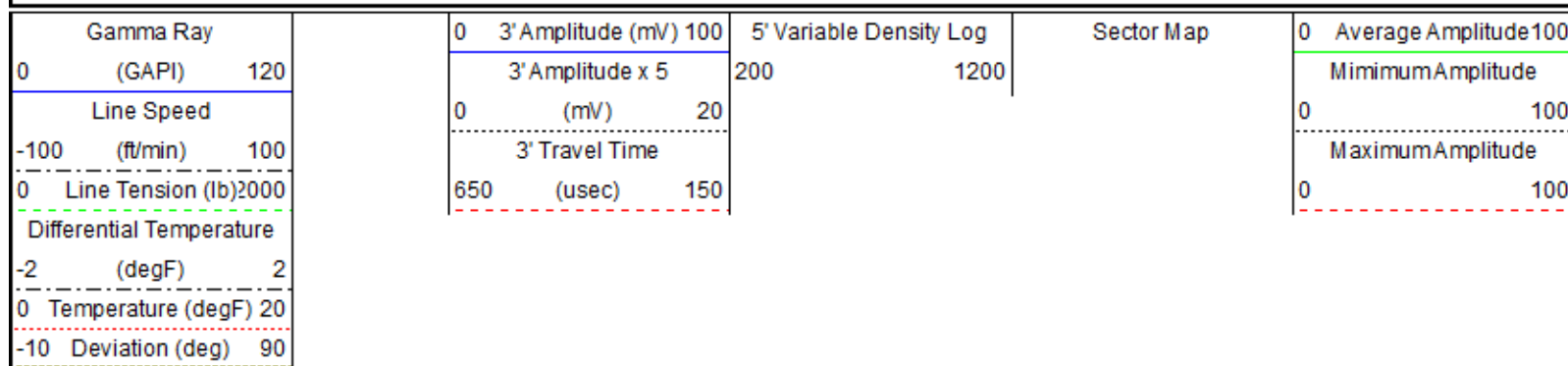


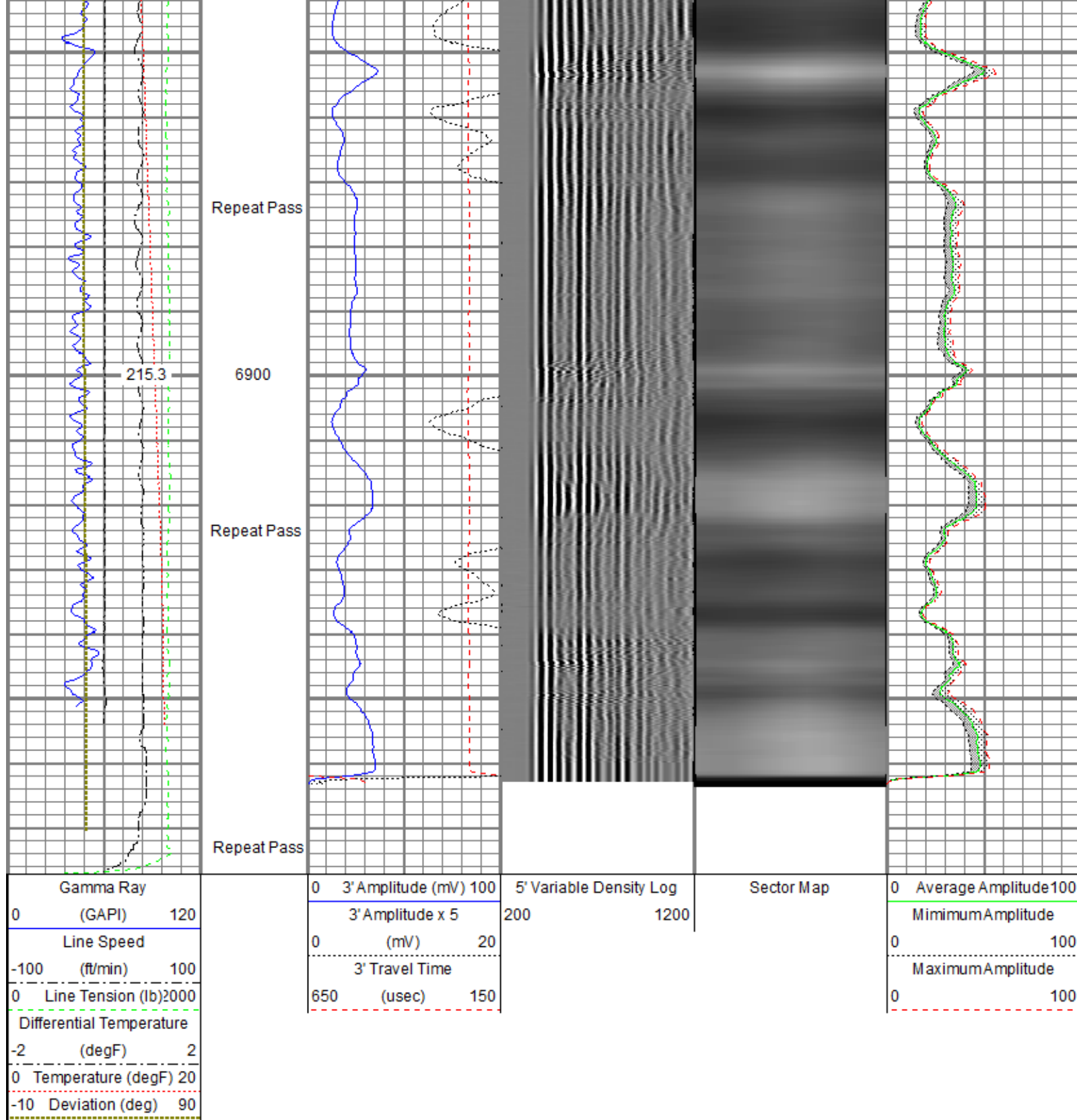


Repeat Pass

Recorded With 0 PSI Surface Induced Pressure

Database File src energy_troudt 1c-23-m_mit_rbl_10-08-18\processed_src energy_troudt 1c-23-m_rbl_10-08-18.db
 Dataset Pathname pass4
 Presentation Format ros_rbt_mit_sx
 Dataset Creation Mon Oct 08 12:59:23 2018
 Charted by Depth in Feet scaled 1:240





Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	23.58		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 (10010522) Sondex Adapter - GO Box to Sondex Pin	0.21	1.69	1.00
			UW XTU-002 (218874) Crossover Ultrawire Toolbus to Ultralink	1.58	1.69	6.50
			UW PGR-020 (10013902) Production Gamma Ray	1.92	1.69	9.50

TEMP	22.18		UW PRT-016 (10024052) Platinum Resistance Thermometer	1.04	1.69	5.20
			UW CENT-DSS RAC 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00
CBLROT	15.15		UW RBT-004 (10013454) Sondex Ultrawire 3-1/8" Radial Bond Tool	9.48	3.13	140.00
CBLTEMP	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		UW CENT-DSS RAC 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00
CBLTEMP	10.02					
MIT	5.27		UW MIT-40 042 E (10012912) 40 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 (10019727) Sondex Ultrawire Bullnose Terminator Sub	0.22	1.69	1.20
Dataset: PROCESSED_SRC Energy_Troudt 1C-23-M_RBL_10-08-18.db: field/well/run1/pass5						
Total length: 27.83 ft						
Total weight: 328.00 lb						
O.D.: 3.13 in						

Calibration Report	
Database File	C:\ProgramData\Warrior\Data\SRC Energy_Troudt 1C-23-M_MIT_RBL_10-08-18\PROCESSED_SRC Energy_Troudt 1C-23-M_R
Dataset Pathname	Post_Cal
Dataset Creation	Mon Oct 08 15:50:27 2018
Multifinger Imaging Tool Calibration Report	
Serial Number:	10012912
Number of Fingers:	40
Tool Model:	40 042 E

Inclinometer Calibration Report

Performed: Mon Jul 15 09:39:36 2013
Calibration Angle: 45

Vertical:	Inc X	Inc Y
Finger 1 up:	1968	1974
Finger 31 up:	1740	1744
Finger 21 up:	2215	1741
Finger 11 up:	2205	2224
Sensitivity ratio:	1731	2217
X-axis angle:	0.992868	
Deviation const.:	134.307	
	335.589	

Finger Calibration Report

Performed: Mon Oct 08 11:37:38 2018

Ring size:	4		5		6		7
(in)		Sens		Sens		Sens	
Finger 01:	1066	355.0	1421	387.0	1808	407.0	2215
Finger 02:	1206	365.0	1571	388.0	1959	398.0	2357
Finger 03:	1078	375.0	1453	404.0	1857	424.0	2281
Finger 04:	1118	360.0	1478	397.0	1875	414.0	2289
Finger 05:	1123	357.0	1480	397.0	1877	421.0	2298
Finger 06:	1109	373.0	1482	400.0	1882	415.0	2297
Finger 07:	1098	371.0	1469	403.0	1872	417.0	2289
Finger 08:	1130	363.0	1493	397.0	1890	416.0	2306
Finger 09:	1110	369.0	1479	397.0	1876	414.0	2290
Finger 10:	1120	366.0	1486	398.0	1884	412.0	2296
Finger 11:	1116	363.0	1479	395.0	1874	408.0	2282
Finger 12:	1117	362.0	1479	396.0	1875	412.0	2287
Finger 13:	1129	360.0	1489	390.0	1879	402.0	2281
Finger 14:	1113	361.0	1474	397.0	1871	417.0	2288
Finger 15:	1062	375.0	1437	411.0	1848	429.0	2277
Finger 16:	1074	365.0	1439	405.0	1844	434.0	2278
Finger 17:	979	353.0	1332	395.0	1727	434.0	2161
Finger 18:	1119	358.0	1477	392.0	1869	412.0	2281
Finger 19:	1086	359.0	1445	397.0	1842	419.0	2261
Finger 20:	1075	362.0	1437	407.0	1844	429.0	2273
Finger 21:	1079	366.0	1445	402.0	1847	414.0	2261
Finger 22:	1053	370.0	1423	407.0	1830	430.0	2260
Finger 23:	999	371.0	1370	415.0	1785	442.0	2227
Finger 24:	1083	368.0	1451	391.0	1842	406.0	2248
Finger 25:	1021	373.0	1394	410.0	1804	437.0	2241
Finger 26:	1149	357.0	1506	379.0	1885	397.0	2282
Finger 27:	1085	369.0	1454	399.0	1853	420.0	2273
Finger 28:	1115	363.0	1478	387.0	1865	406.0	2271
Finger 29:	1047	364.0	1411	407.0	1818	439.0	2257
Finger 30:	1080	365.0	1445	396.0	1841	421.0	2262
Finger 31:	1113	364.0	1477	388.0	1865	418.0	2283
Finger 32:	1173	400.0	1573	421.0	1994	436.0	2430
Finger 33:	1166	368.0	1534	376.0	1910	394.0	2304
Finger 34:	1110	375.0	1485	399.0	1884	421.0	2305
Finger 35:	987	339.0	1326	379.0	1705	408.0	2113
Finger 36:	1081	372.0	1453	399.0	1852	422.0	2274
Finger 37:	1132	366.0	1498	391.0	1889	410.0	2299
Finger 38:	1142	371.0	1513	384.0	1897	395.0	2292
Finger 39:	1168	357.0	1525	383.0	1908	397.0	2305
Finger 40:	1115	368.0	1483	396.0	1879	413.0	2292

Post Survey Calibration Check

Performed: Mon Oct 08 15:47:41 2018

Ring size:	4	Nom.	5	Nom.	6	Nom.	7	Nom.
(in)		wear		wear		wear		wear
Finger 01:	4.017	0.008	5.012	0.006	6.011	0.006	7.007	0.003
Finger 02:	4.016	0.008	5.009	0.004	6.006	0.003	7.003	0.002
Finger 03:	4.026	0.013	5.008	0.004	6.006	0.003	7.005	0.002
Finger 04:	4.007	0.004	5.003	0.001	5.992	-0.004	6.996	-0.002
Finger 05:	3.995	-0.002	5.016	0.008	6.015	0.007	7.002	0.001
Finger 06:	4.027	0.014	5.003	0.001	6.001	0.001	7.002	0.001
Finger 07:	4.021	0.010	5.007	0.004	6.006	0.003	7.005	0.003
Finger 08:	4.023	0.011	5.014	0.007	6.009	0.005	7.005	0.003

Finger 09:	4.032	0.016	5.013	0.007	6.009	0.005	7.005	0.003
Finger 10:	4.026	0.013	5.009	0.005	6.007	0.003	7.007	0.004
Finger 11:	4.025	0.012	5.011	0.005	6.007	0.003	7.004	0.002
Finger 12:	4.023	0.012	5.013	0.006	6.004	0.002	7.001	0.001
Finger 13:	4.017	0.008	5.010	0.005	6.007	0.003	7.002	0.001
Finger 14:	4.007	0.004	5.014	0.007	6.018	0.009	7.013	0.007
Finger 15:	4.032	0.016	5.008	0.004	6.004	0.002	7.005	0.002
Finger 16:	4.016	0.008	5.011	0.005	6.016	0.008	7.010	0.005
Finger 17:	4.036	0.018	5.007	0.004	6.000	0.000	7.009	0.004
Finger 18:	4.009	0.005	5.004	0.002	6.005	0.002	7.003	0.001
Finger 19:	4.017	0.009	5.013	0.006	6.011	0.005	7.011	0.005
Finger 20:	4.011	0.006	5.014	0.007	6.010	0.005	7.011	0.006
Finger 21:	4.011	0.006	5.010	0.005	6.006	0.003	6.993	-0.003
Finger 22:	4.016	0.008	5.003	0.002	6.001	0.000	7.006	0.003
Finger 23:	4.030	0.015	5.011	0.006	6.005	0.003	7.007	0.003
Finger 24:	4.028	0.014	5.010	0.005	6.011	0.005	6.999	-0.000
Finger 25:	4.026	0.013	5.011	0.006	6.006	0.003	7.007	0.004
Finger 26:	4.014	0.007	5.006	0.003	6.002	0.001	7.003	0.001
Finger 27:	4.014	0.007	5.008	0.004	6.008	0.004	7.007	0.003
Finger 28:	4.019	0.009	5.009	0.005	6.003	0.002	7.005	0.002
Finger 29:	4.017	0.008	5.022	0.011	6.016	0.008	6.994	-0.003
Finger 30:	4.015	0.008	5.011	0.005	6.008	0.004	7.007	0.003
Finger 31:	4.022	0.011	5.012	0.006	6.010	0.005	7.003	0.001
Finger 32:	4.021	0.011	5.003	0.002	6.001	0.000	7.003	0.002
Finger 33:	4.024	0.012	5.008	0.004	6.006	0.003	7.013	0.006
Finger 34:	4.023	0.011	5.004	0.002	6.008	0.004	7.003	0.002
Finger 35:	4.017	0.008	5.014	0.007	6.010	0.005	7.010	0.005
Finger 36:	4.025	0.012	5.011	0.006	6.007	0.004	7.009	0.004
Finger 37:	4.018	0.009	5.010	0.005	6.006	0.003	7.006	0.003
Finger 38:	4.045	0.023	5.012	0.006	6.010	0.005	7.010	0.005
Finger 39:	4.011	0.005	5.010	0.005	6.008	0.004	7.006	0.003
Finger 40:	4.016	0.008	5.010	0.005	6.011	0.006	7.005	0.003
Average:	4.020	0.010	5.010	0.005	6.007	0.004	7.005	0.003

Segmented Cement Bond Log Calibration Report						
Serial Number:		10013454				
Tool Model:		004				
Calibration Casing Diameter:		5.500	in			
Calibration Depth:		18.159	ft			
Master Calibration, performed Mon Oct 08 11:44:42 2018:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	-0.002	0.773	0.800	71.921	91.718	1.024
5FT	-0.004	0.768	0.800	71.921	92.138	1.137
S1	-0.003	0.769	0.000	100.000	129.434	0.446
S2	-0.004	0.788	0.000	100.000	126.354	0.458
S3	-0.004	0.788	0.000	100.000	126.400	0.458
S4	-0.004	0.788	0.000	100.000	126.263	0.462
S5	-0.003	0.776	0.000	100.000	128.362	0.360
S6	-0.004	0.765	0.000	100.000	129.920	0.561
S7	-0.004	0.750	0.000	100.000	132.641	0.476
S8	-0.003	0.755	0.000	100.000	131.875	0.439

Temperature Calibration Report					
Serial Number:			10024052		
Tool Model:			016		
Performed:			Sun Nov 12 14:11:08 2017		
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		53333.00	cps	320.00	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:	10013902			
Tool Model:	020			
Performed:	Sun Nov 12 06:37:04 2017			
Calibrator Value:	637.0	GAPI		
Background Reading:	78.8	cps		
Calibrator Reading:	1069.9	cps		
Sensitivity:	0.6427	GAPI/cps		

	Company	SRC Energy Inc
	Well	Troudt 1C-23-M
	Field	Wattenberg
	County	Weld
	State	Colorado