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Comments

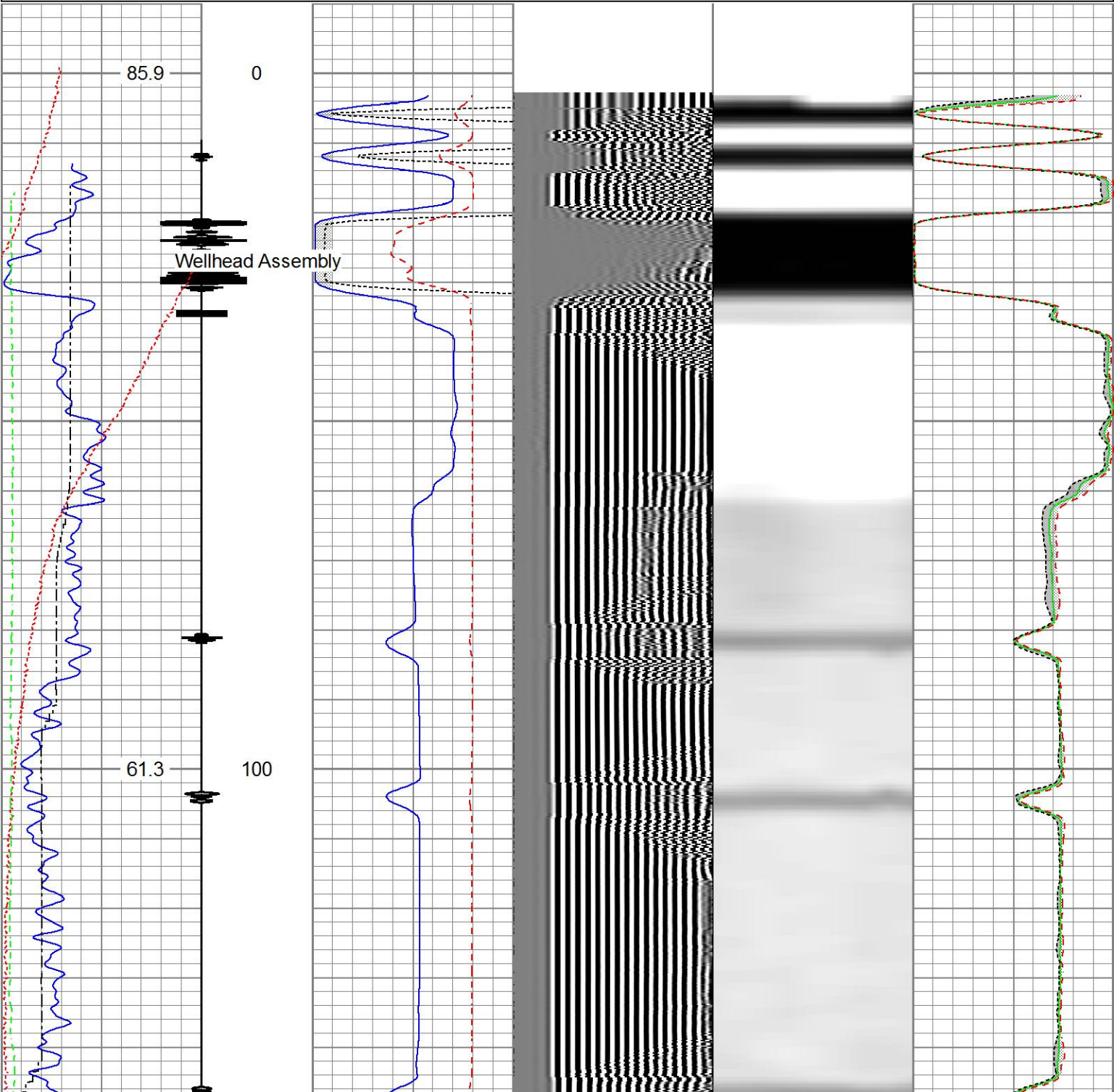
Log ran as per customer request
Depth referenced to Kelly Bushing at 32 FT
Adjusted -6 FT to correlate to Kelly Bushing
Gauge Ring/Junk Basket ran to 7502 FT with no debris
Retrievable Bridge Plug set at 6703 FT
Log ran from just above RBP to surface
Log ran with 2800 PSI surface induced pressure
Logging tools were clean and free of any debris upon completion of operations

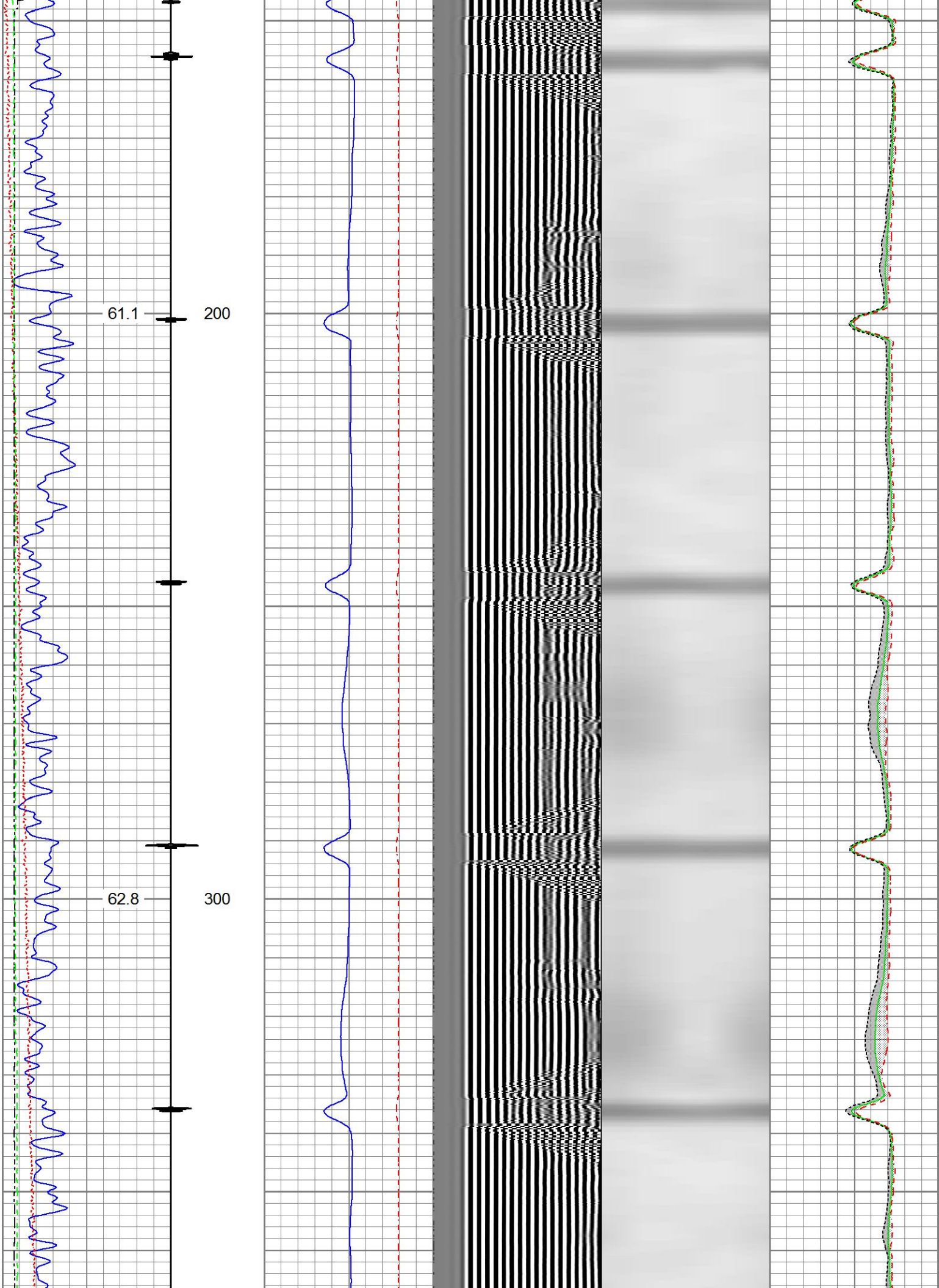
Thank you for choosing Reliance Oilfield Services, LLC!!

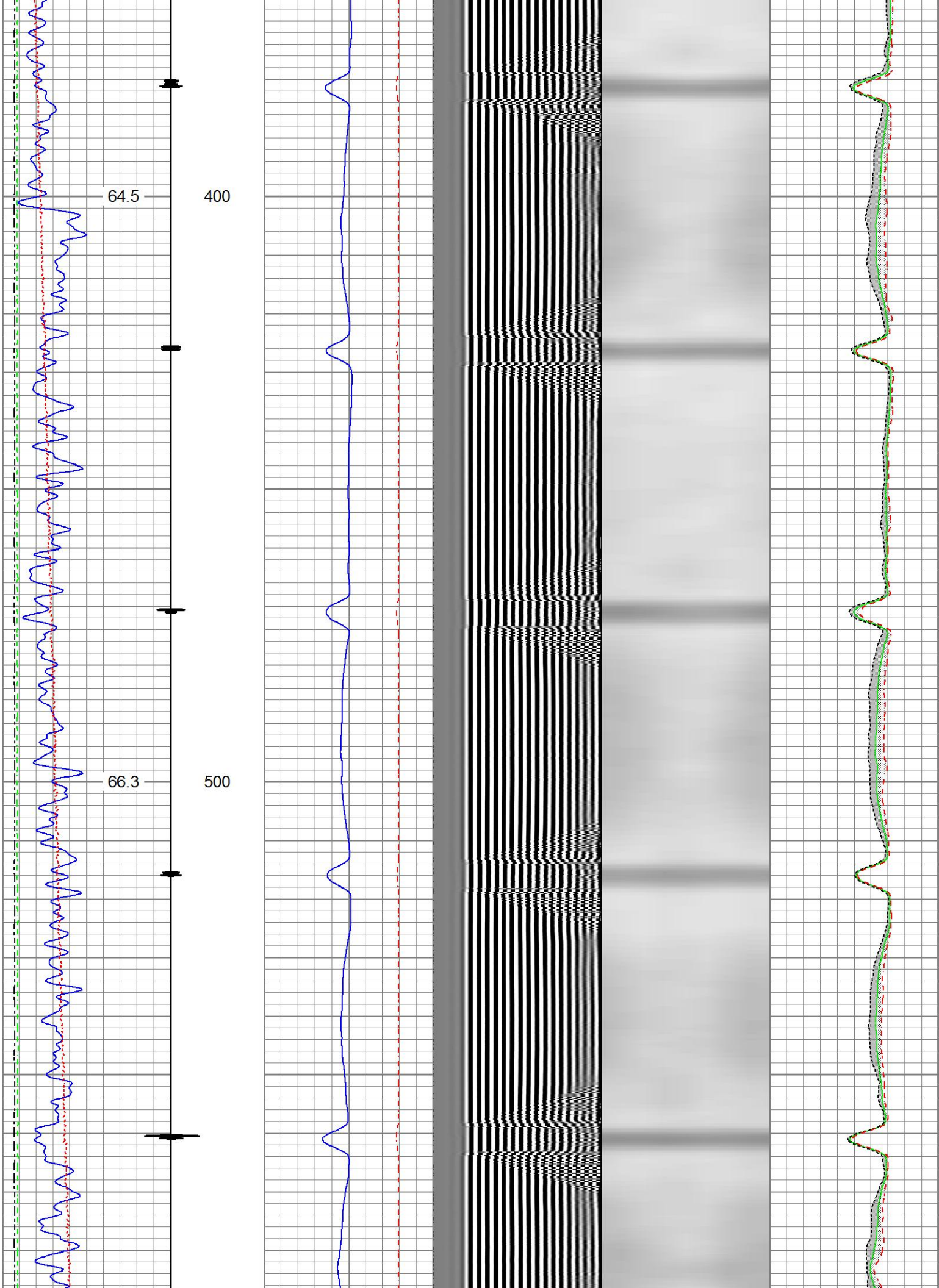


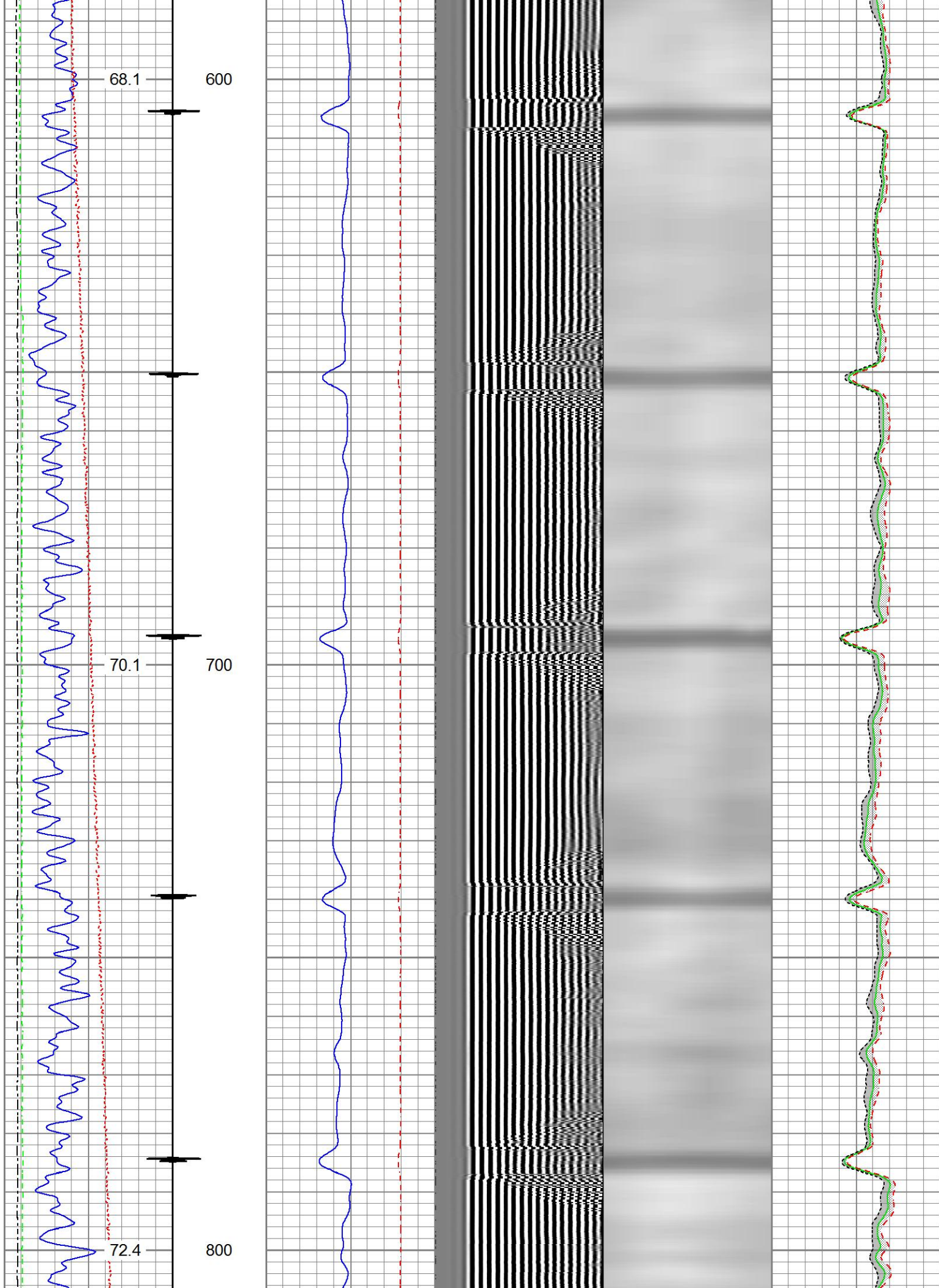
Recorded With 2800 PSI Surface Induced Pressure

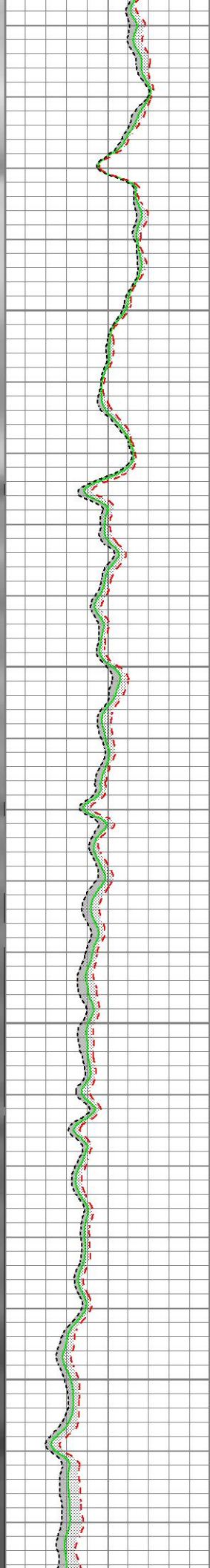
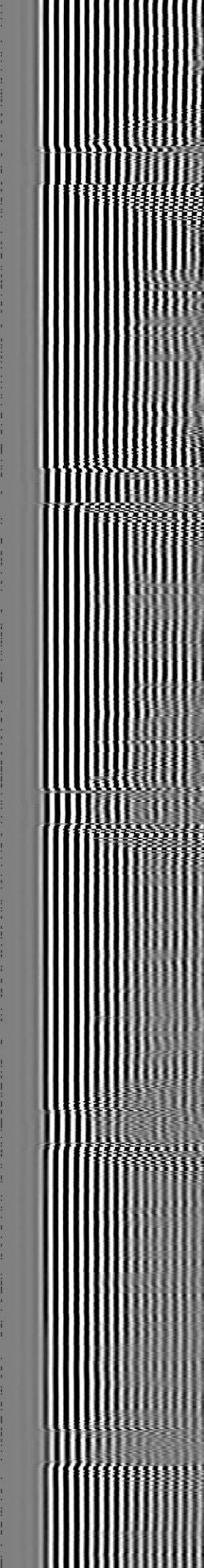
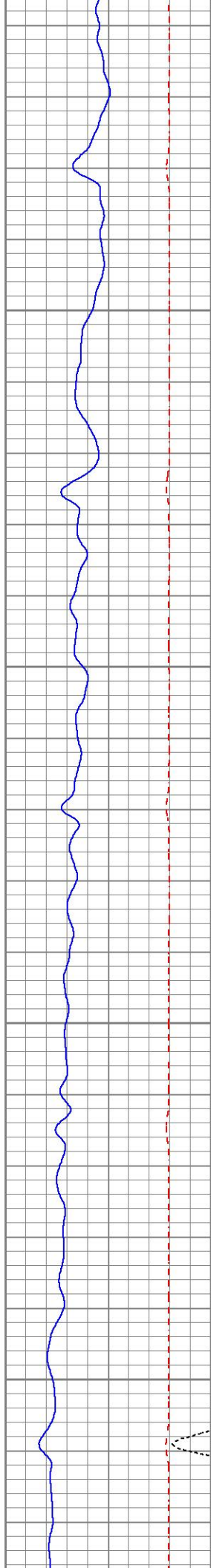
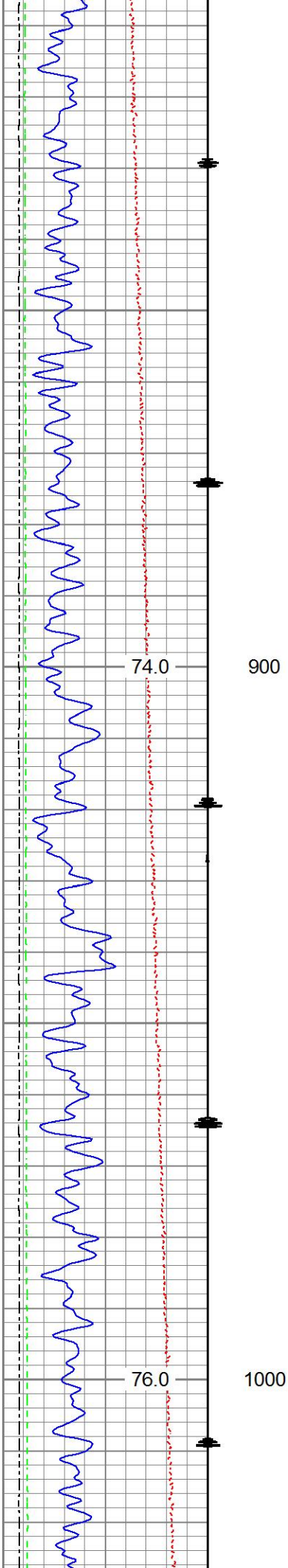
Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 120	0 (mV) 100	200 1200		0 100
Casing Collar Locator	3' Amplitude x 5			Minimum Amplitude
Temperature	0 (mV) 20			0 100
0 (degF) 20	3' Travel Time			Maximum Amplitude
Line Speed	650 (usec) 150			0 100
-150 (ft/min) 150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

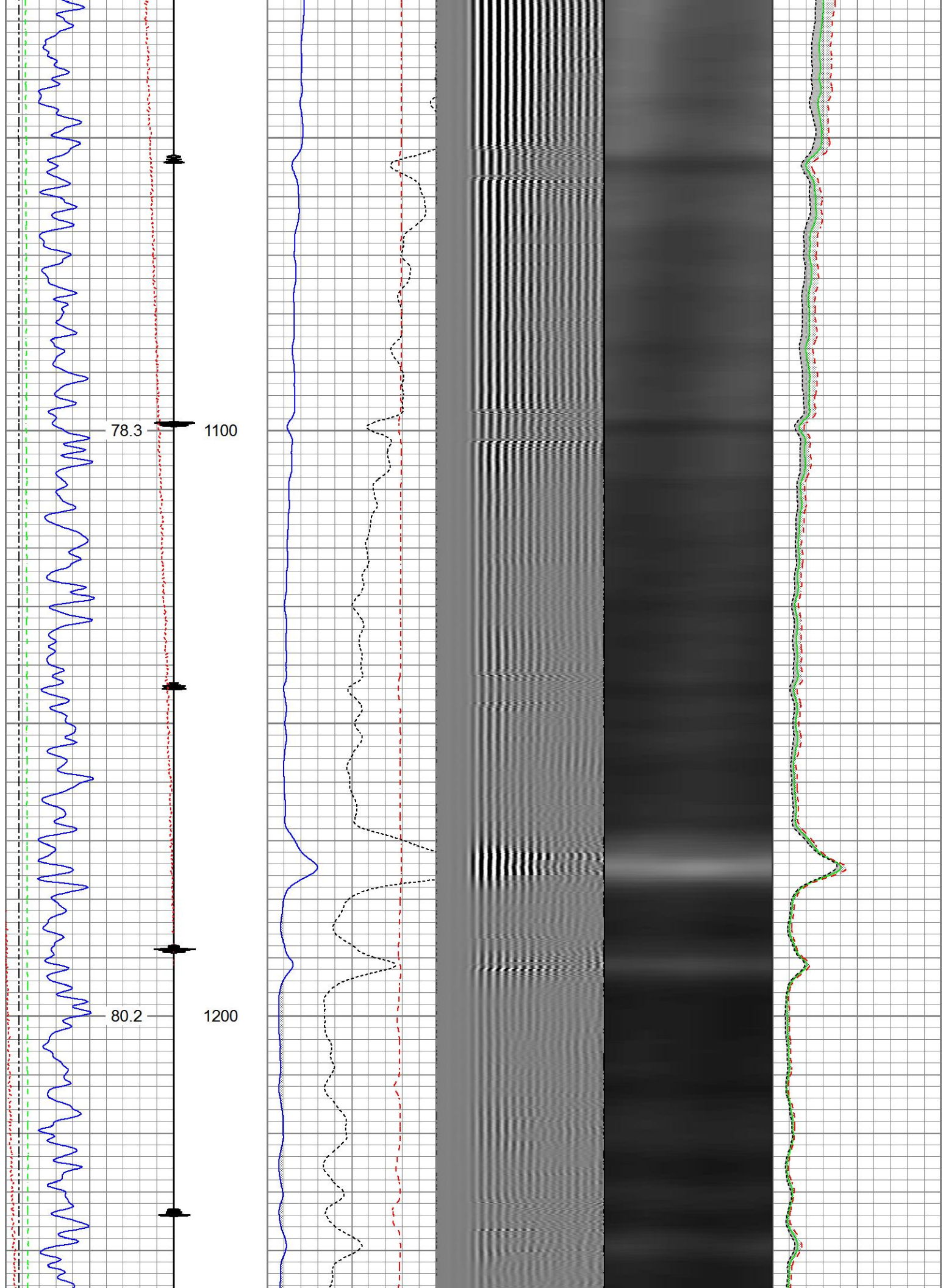


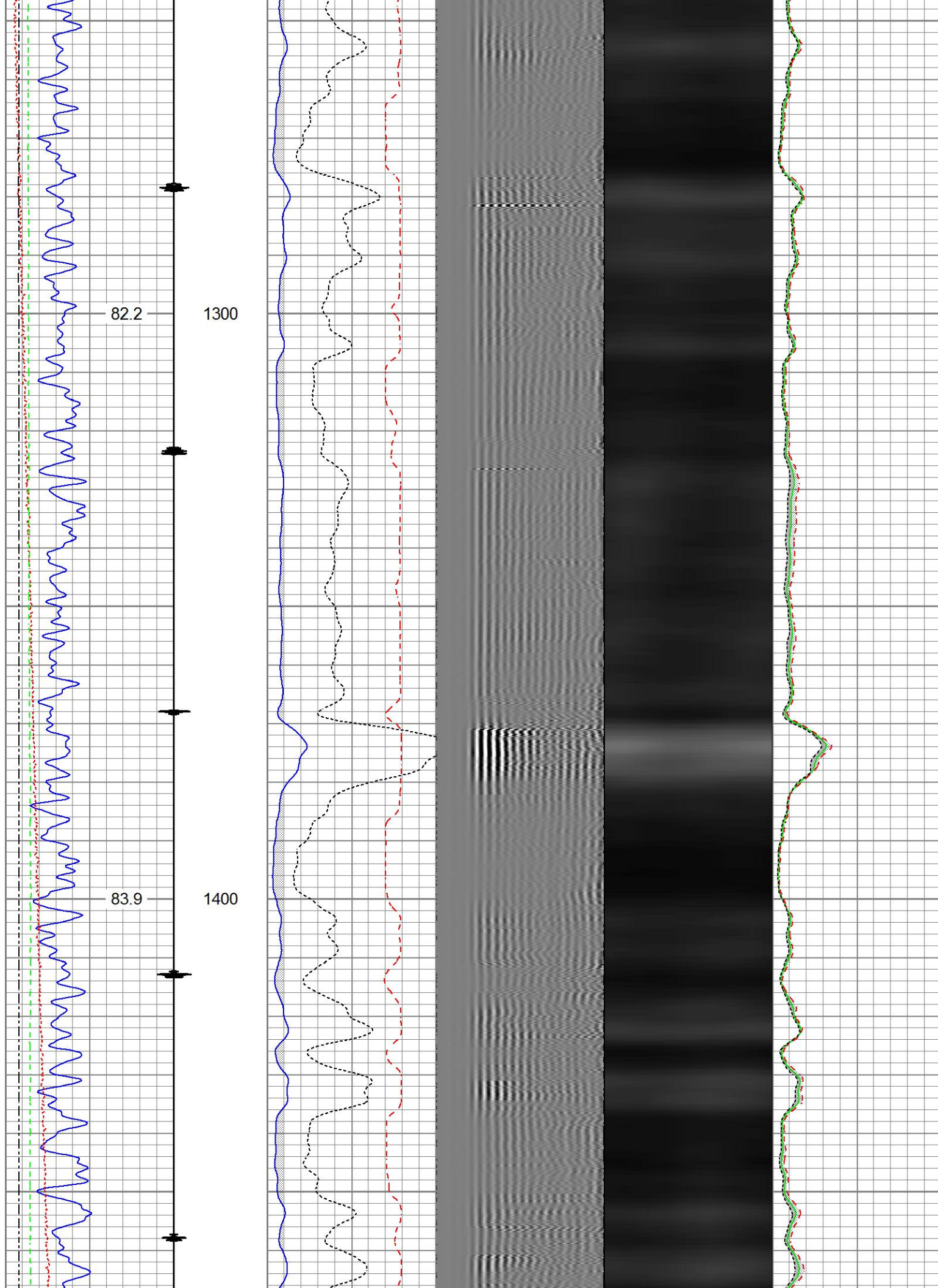


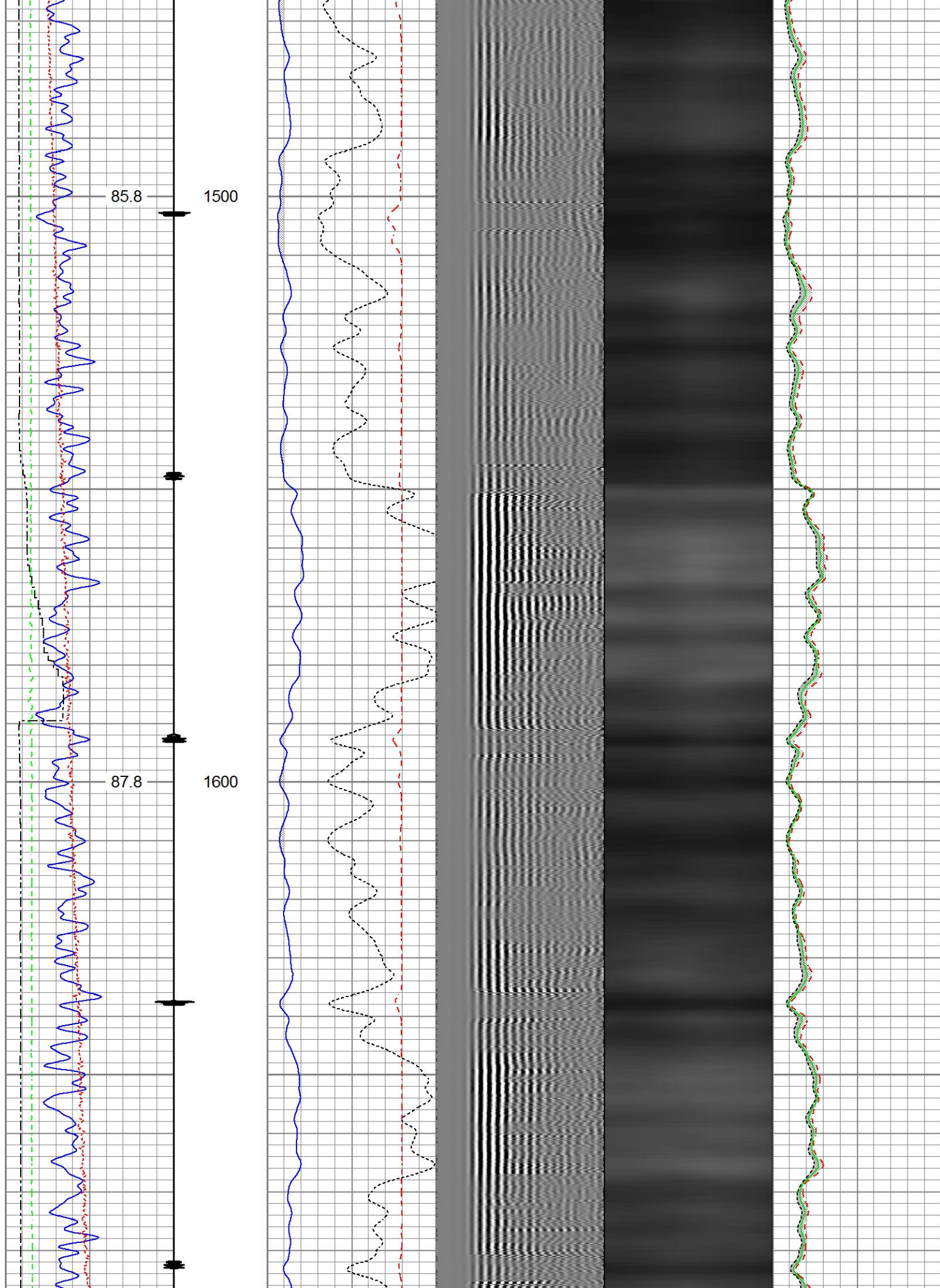


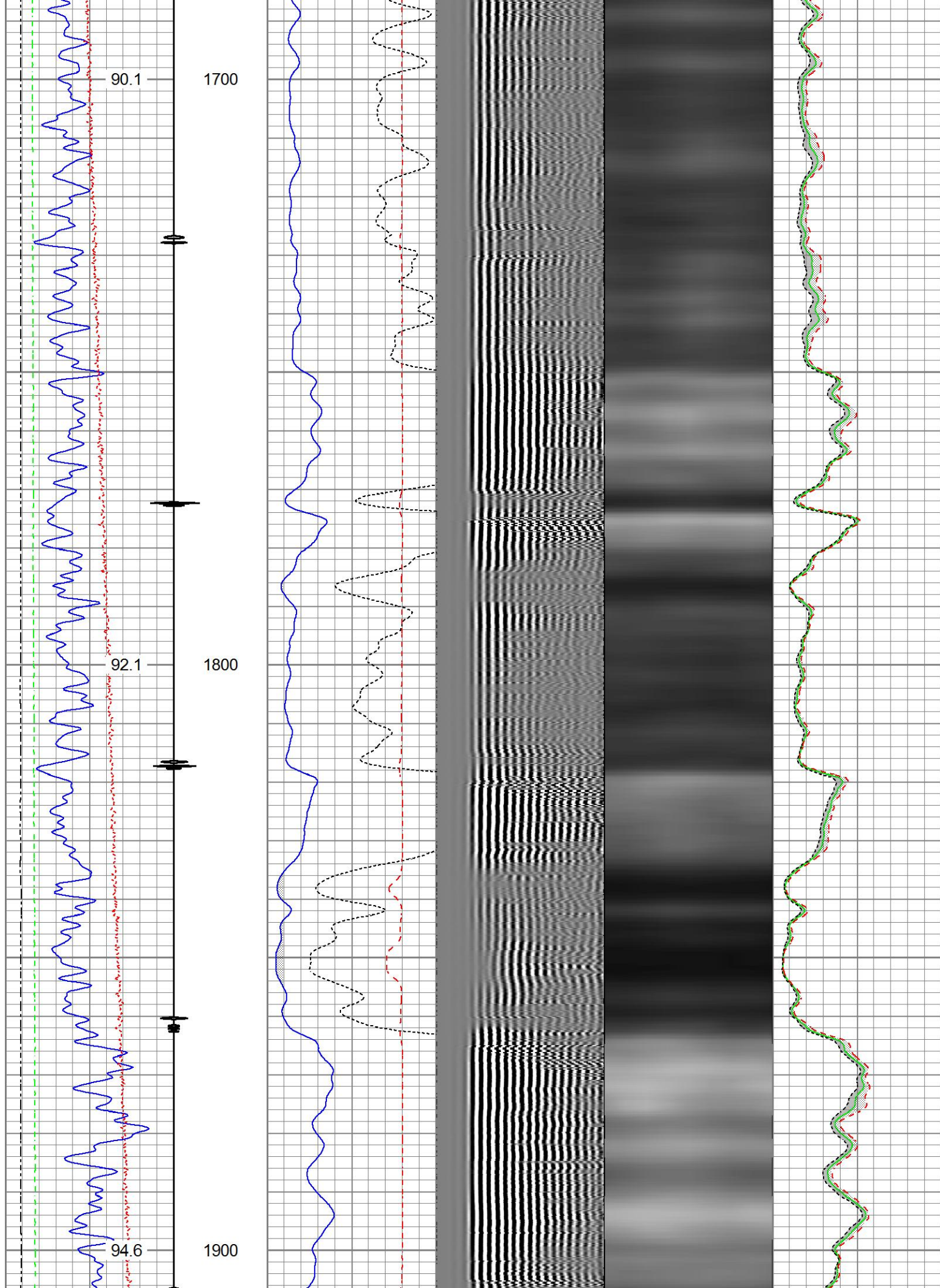


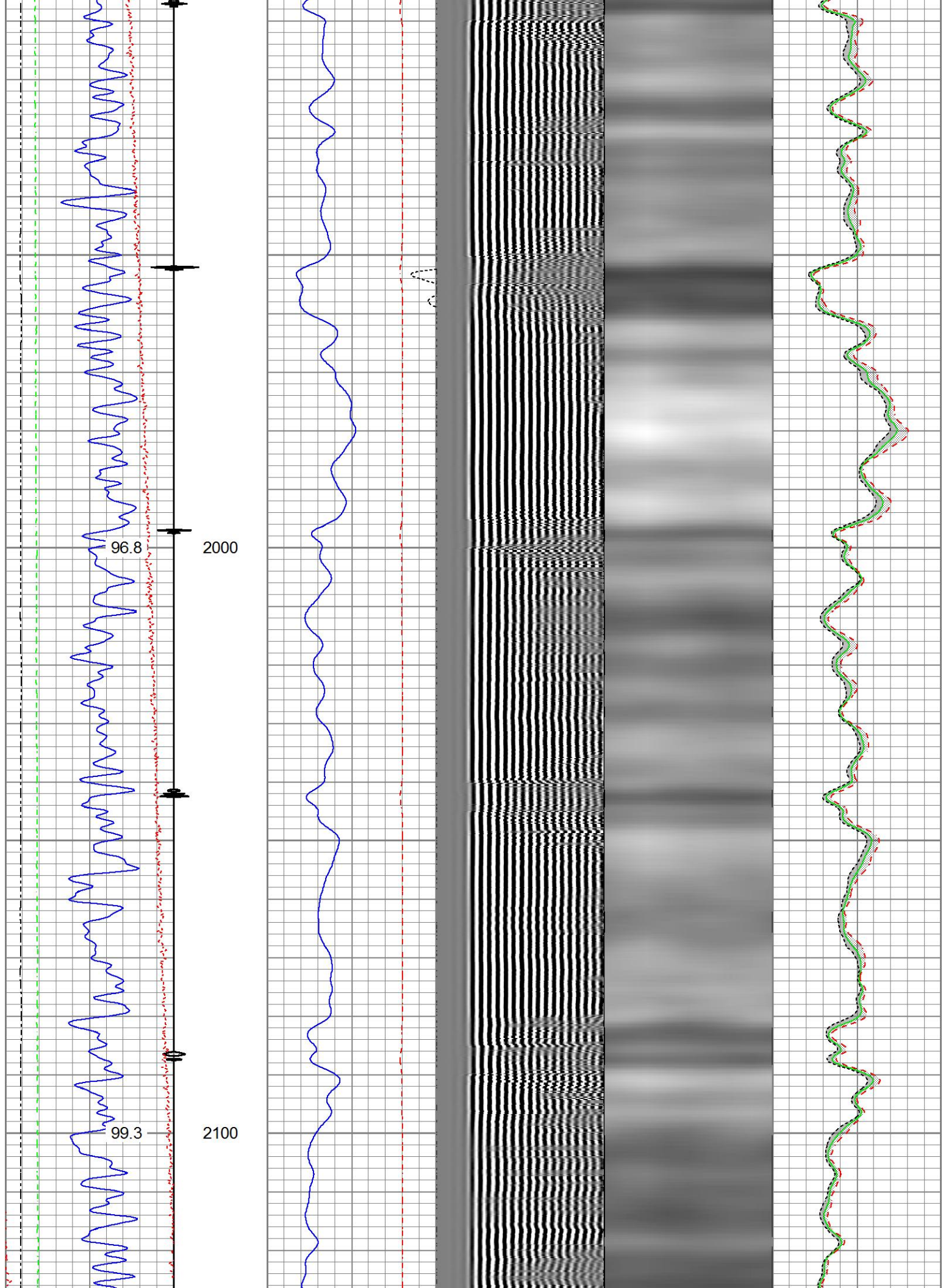


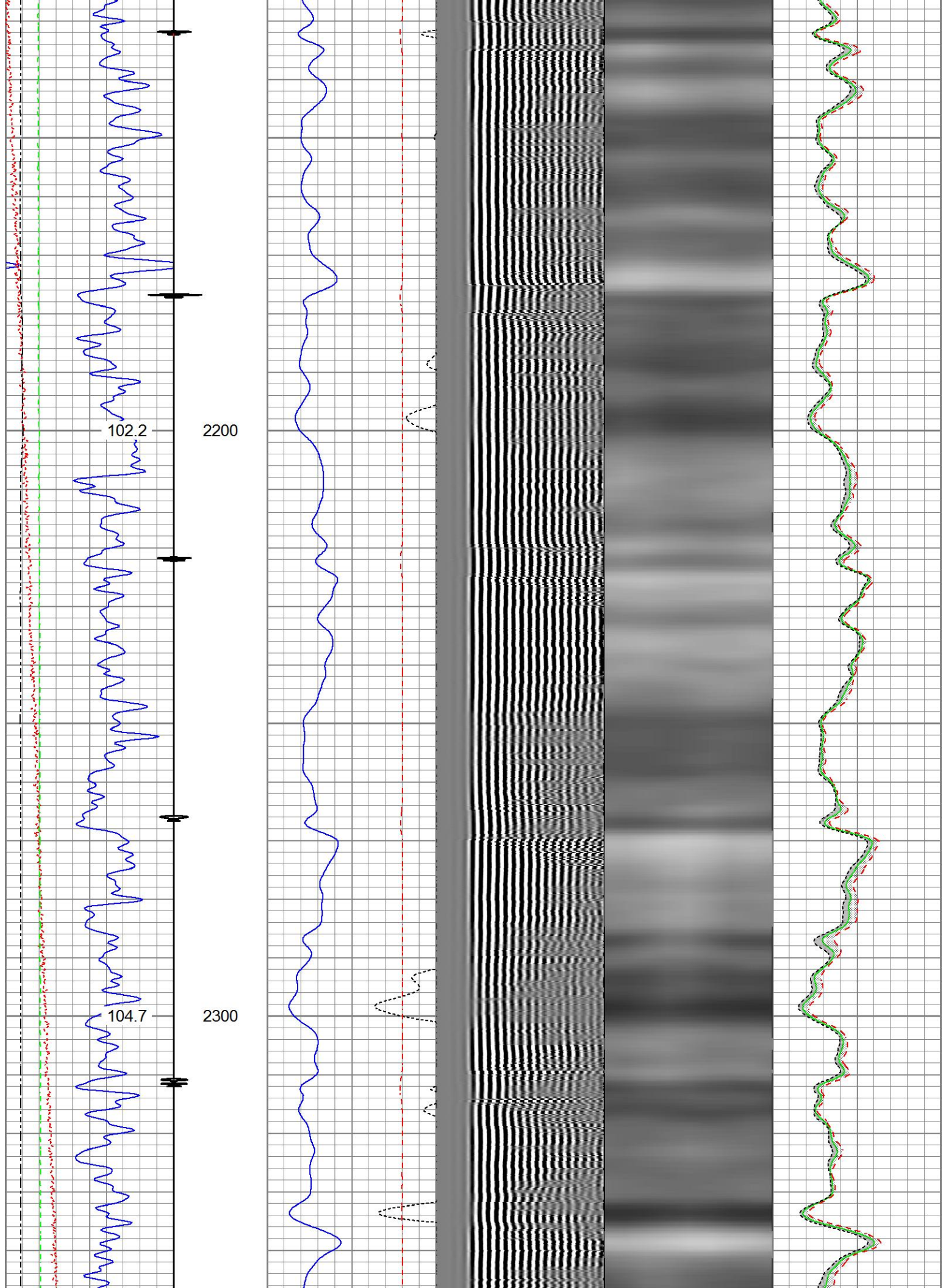


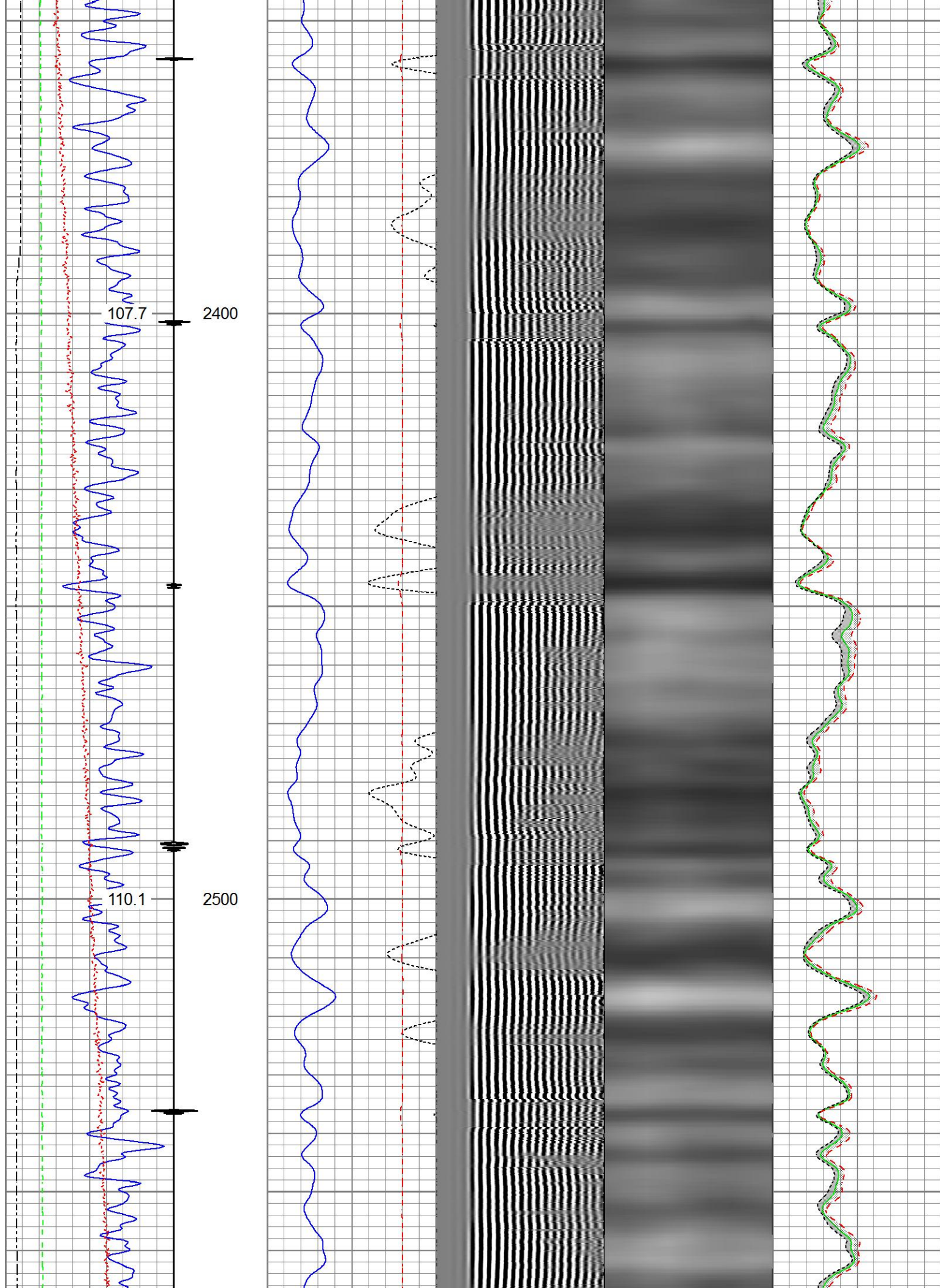


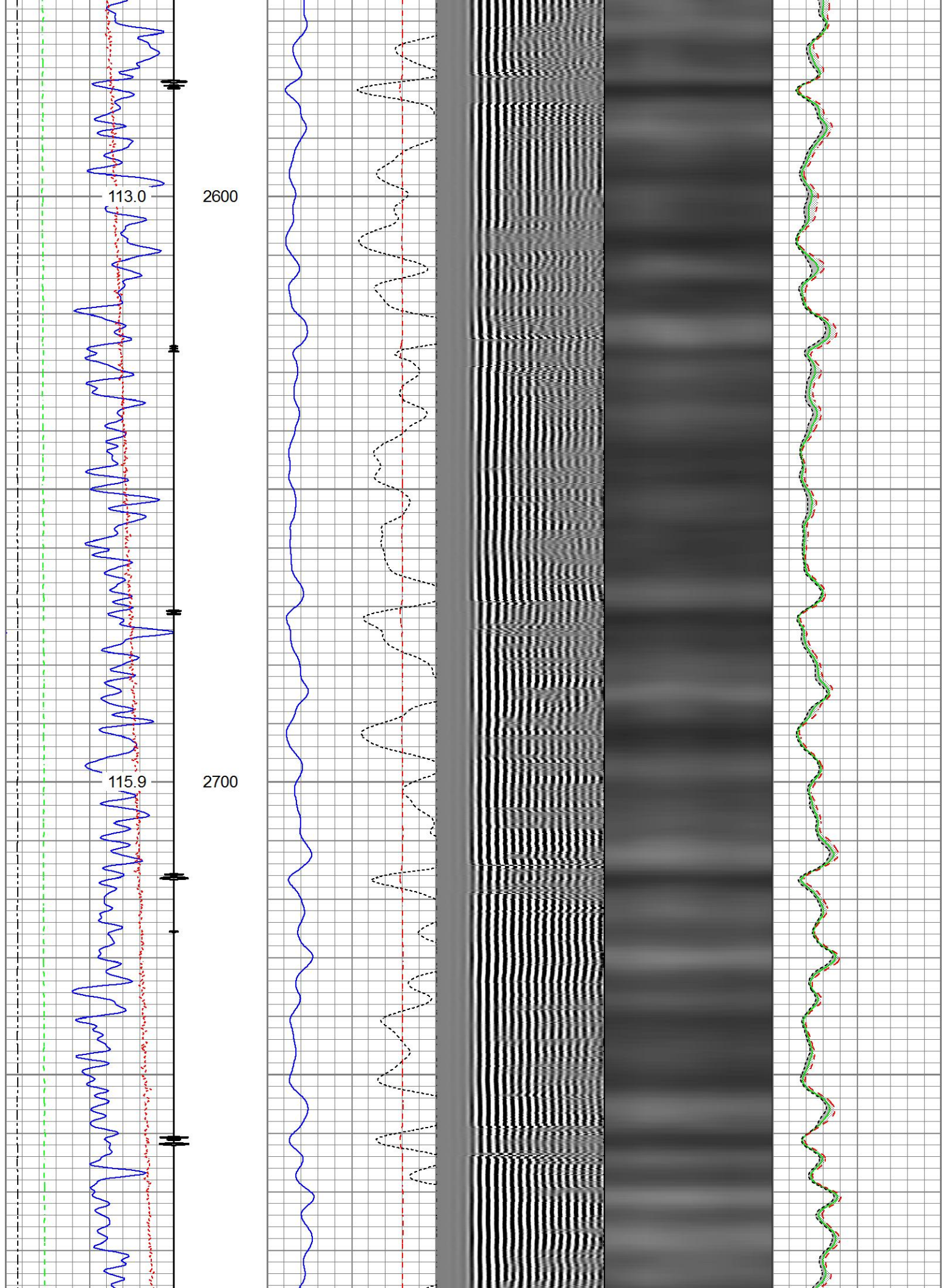


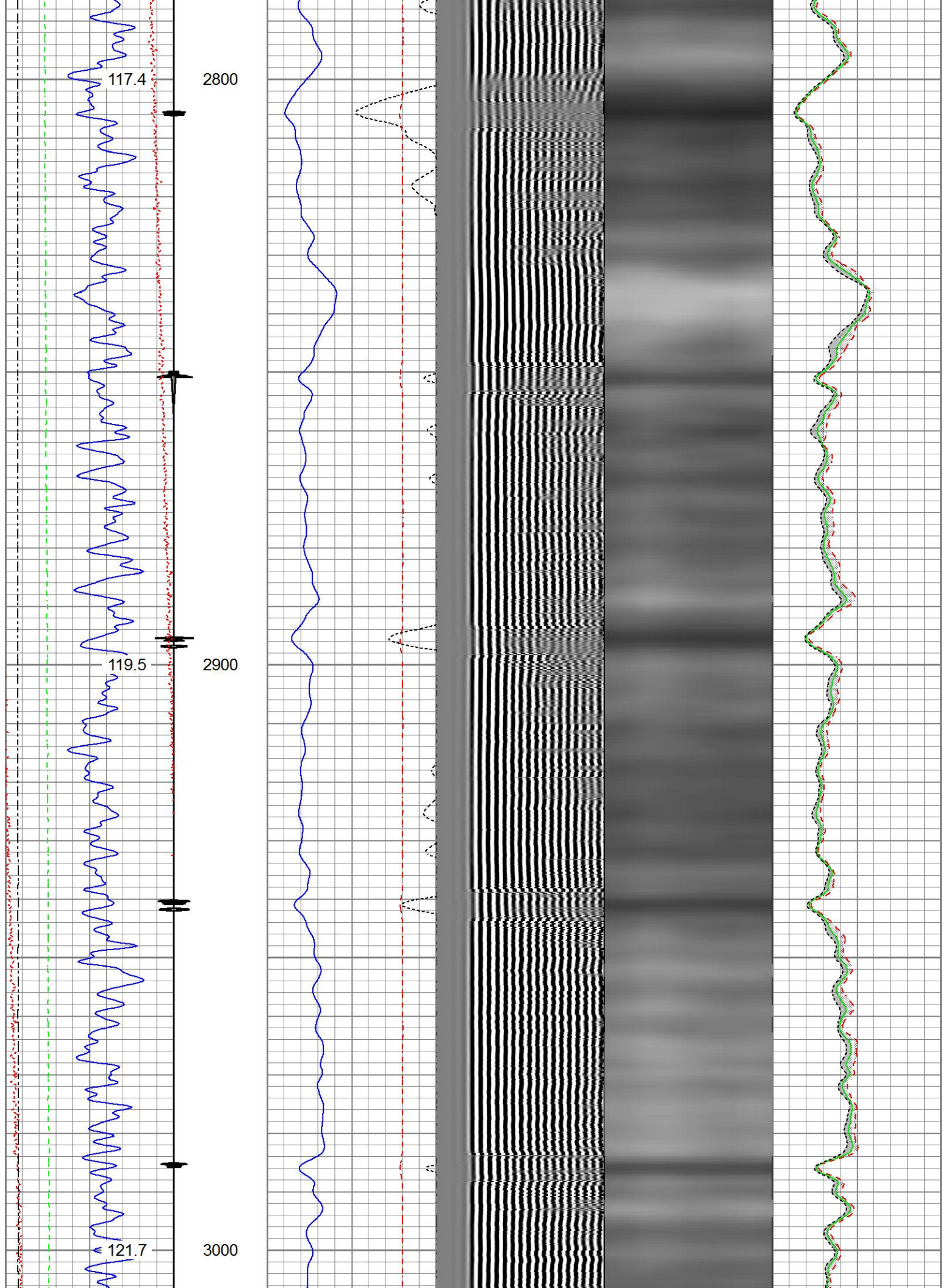


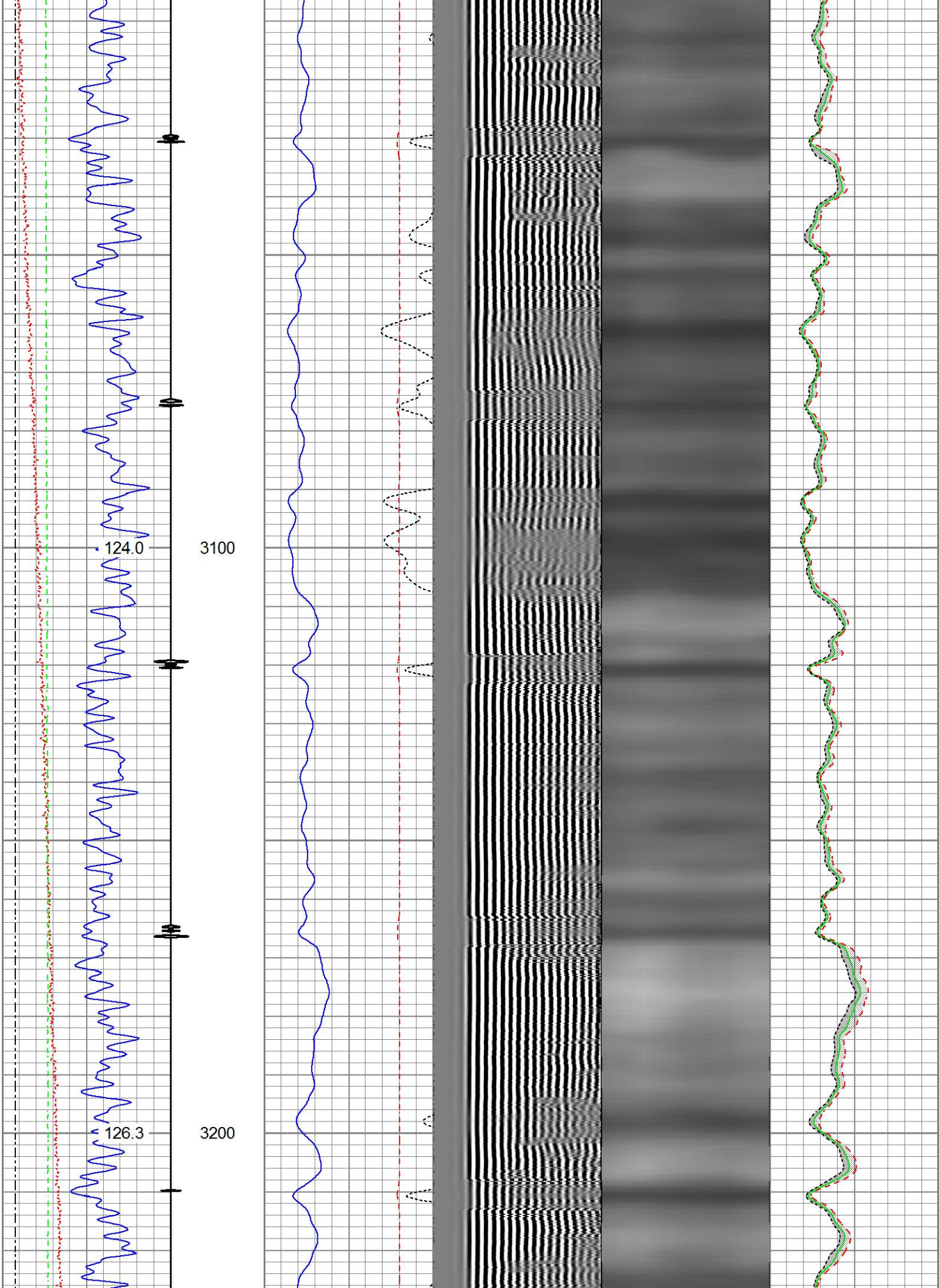


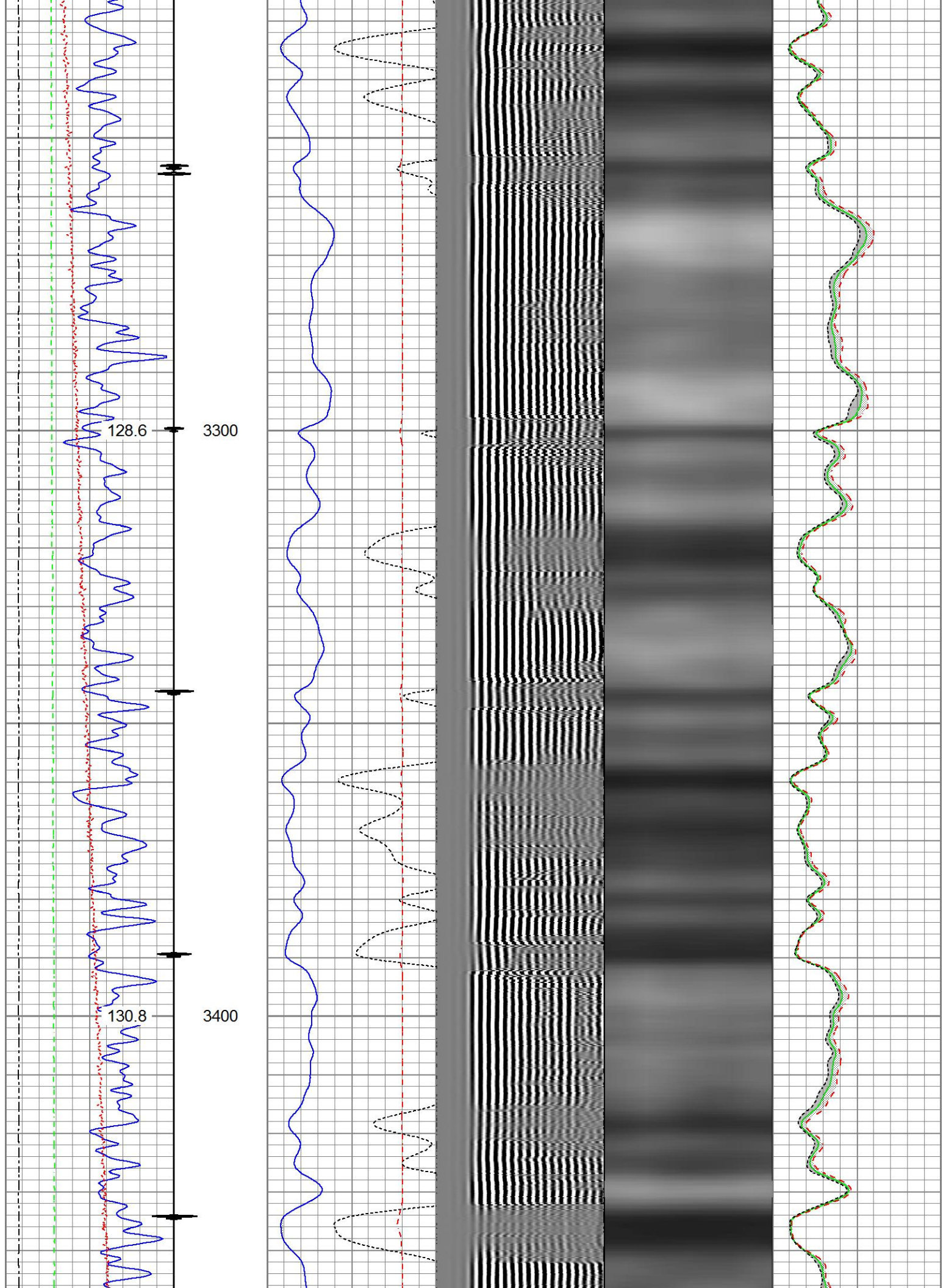


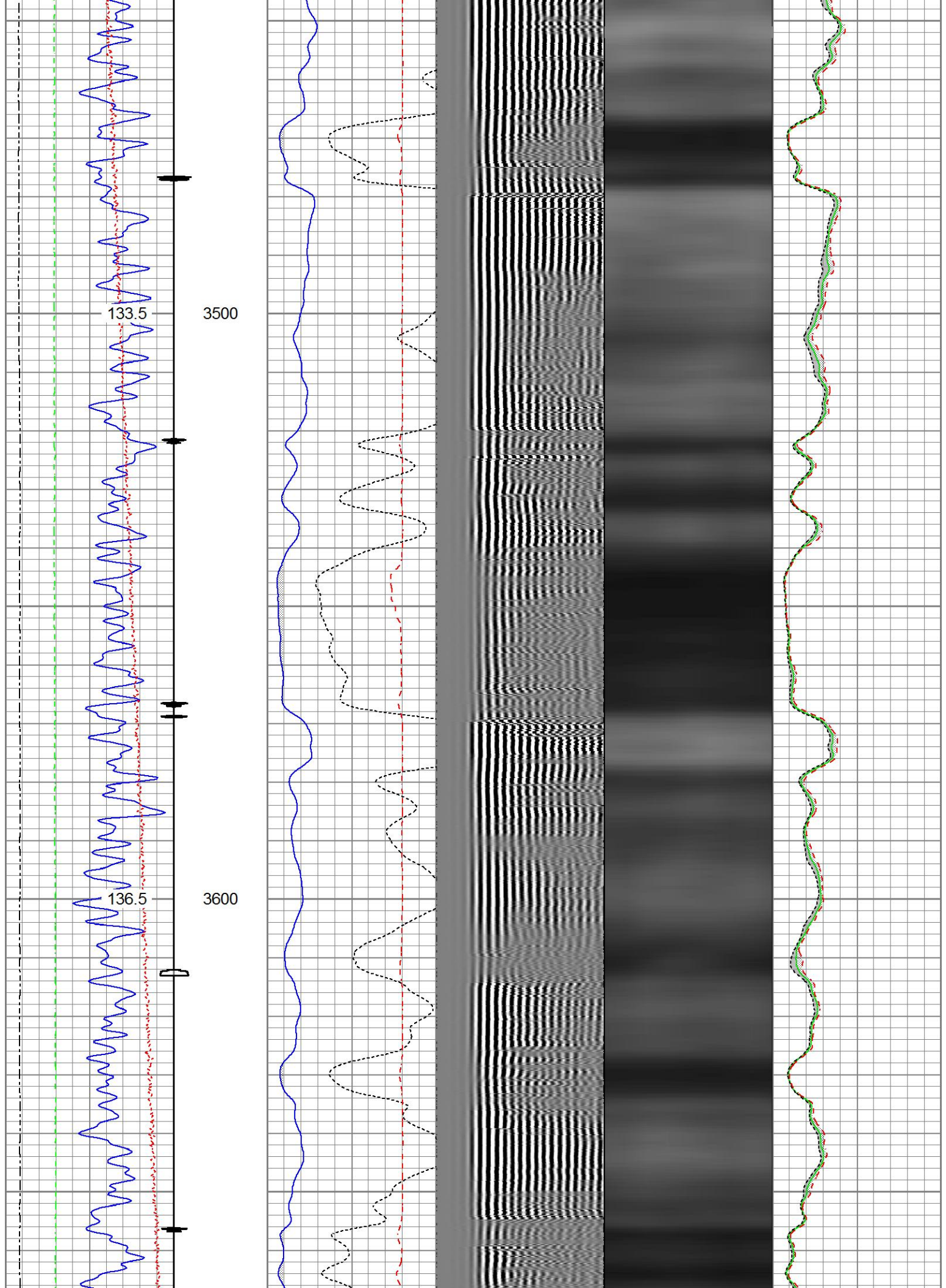


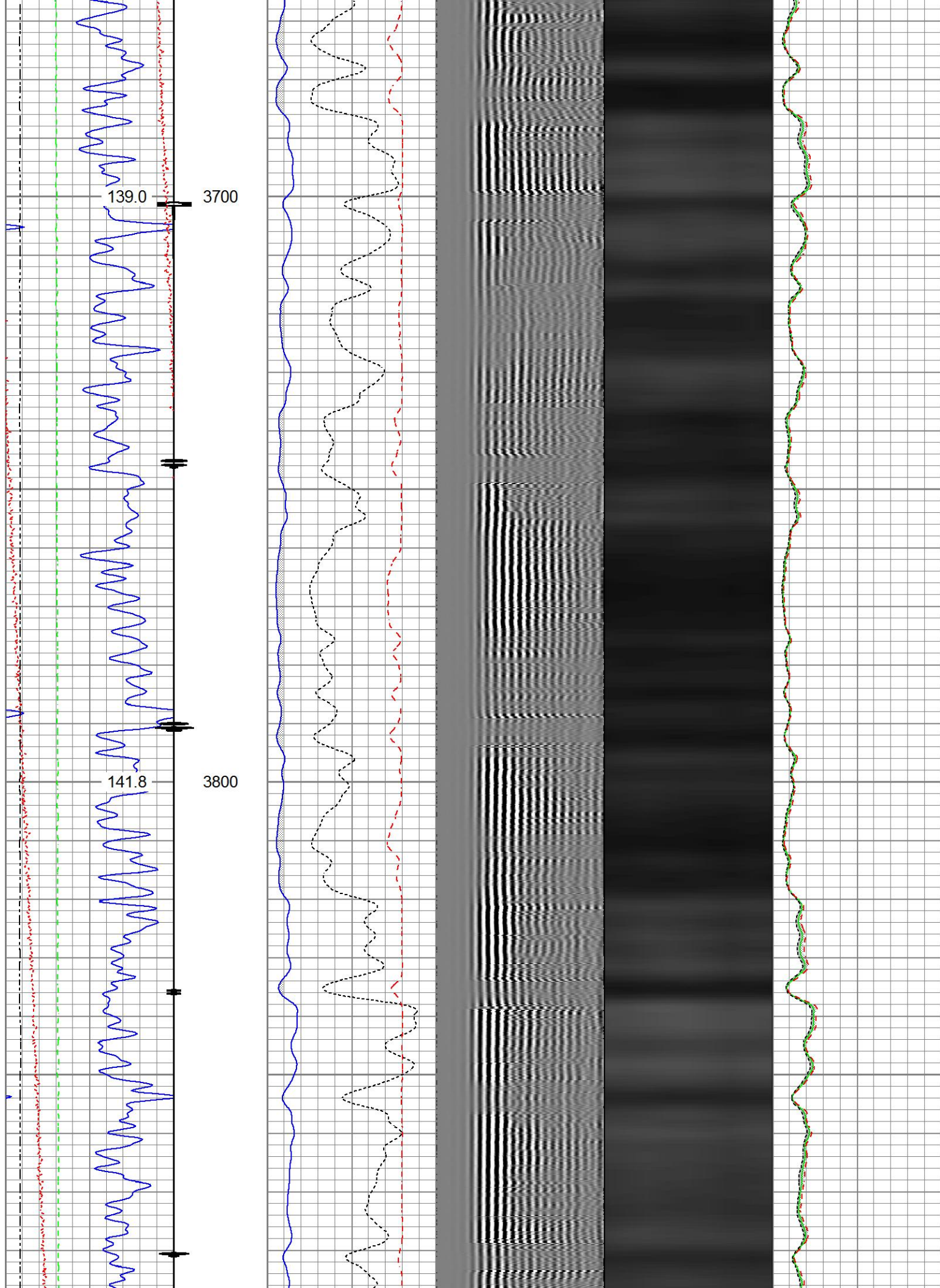


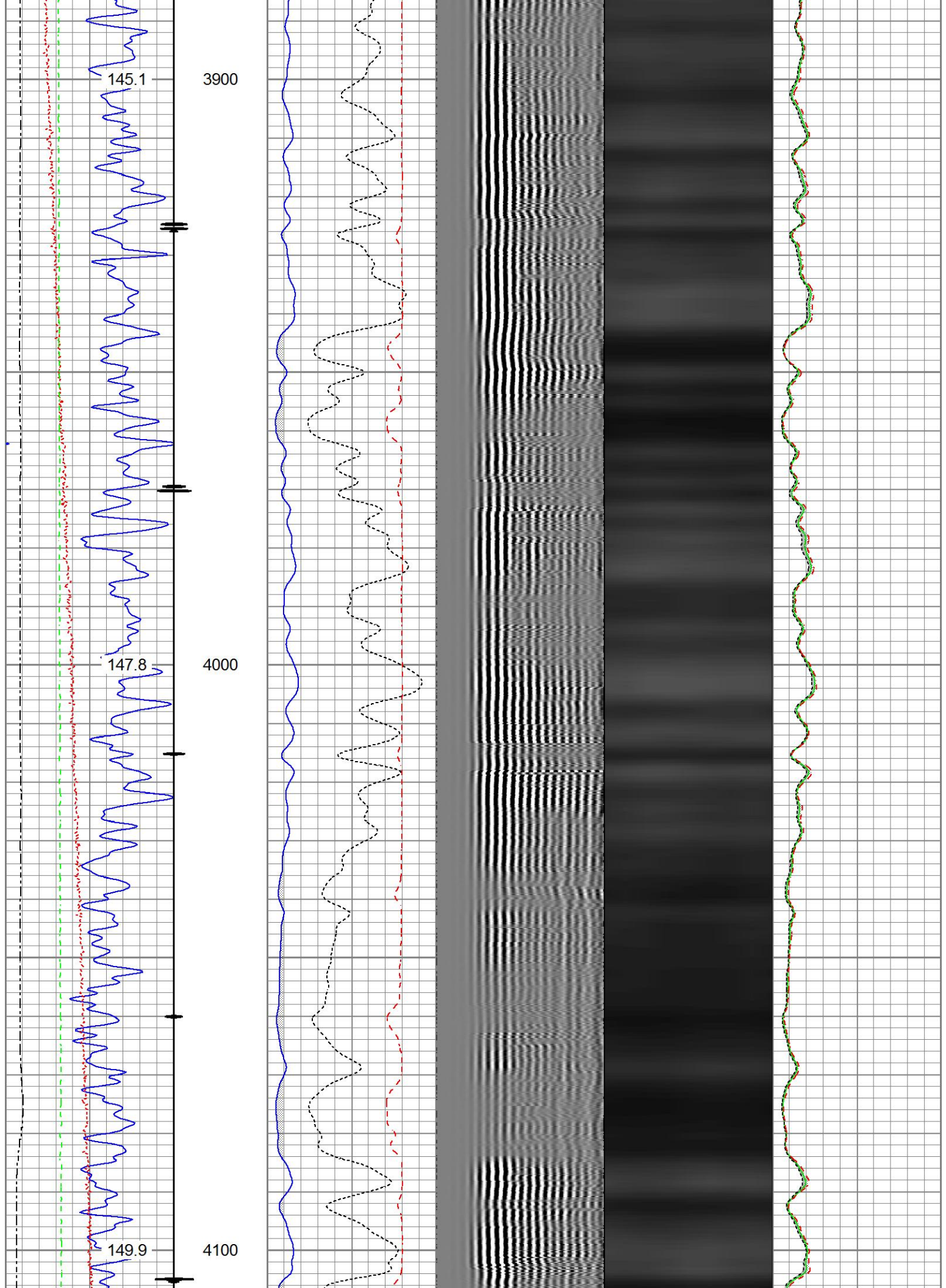


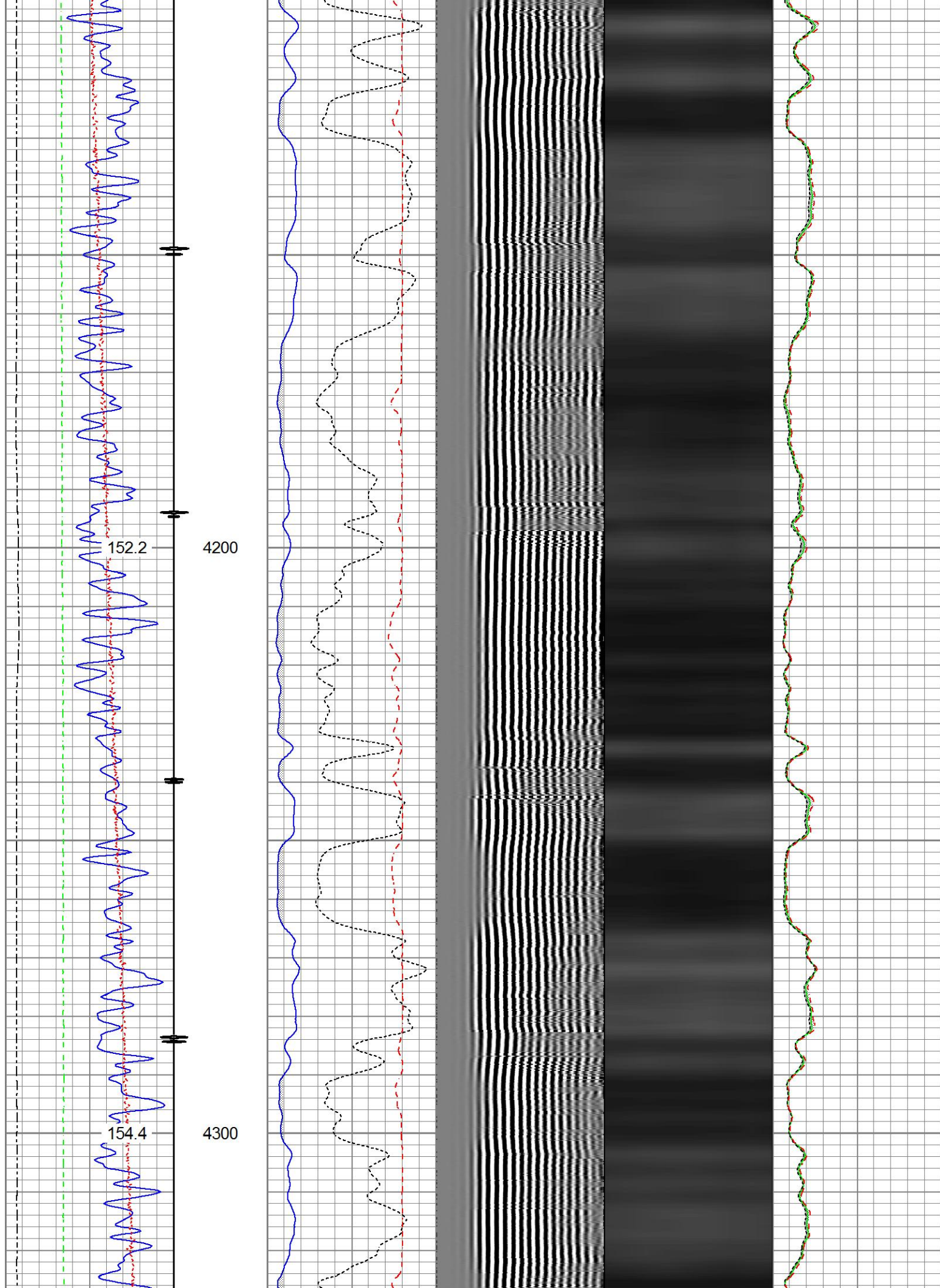


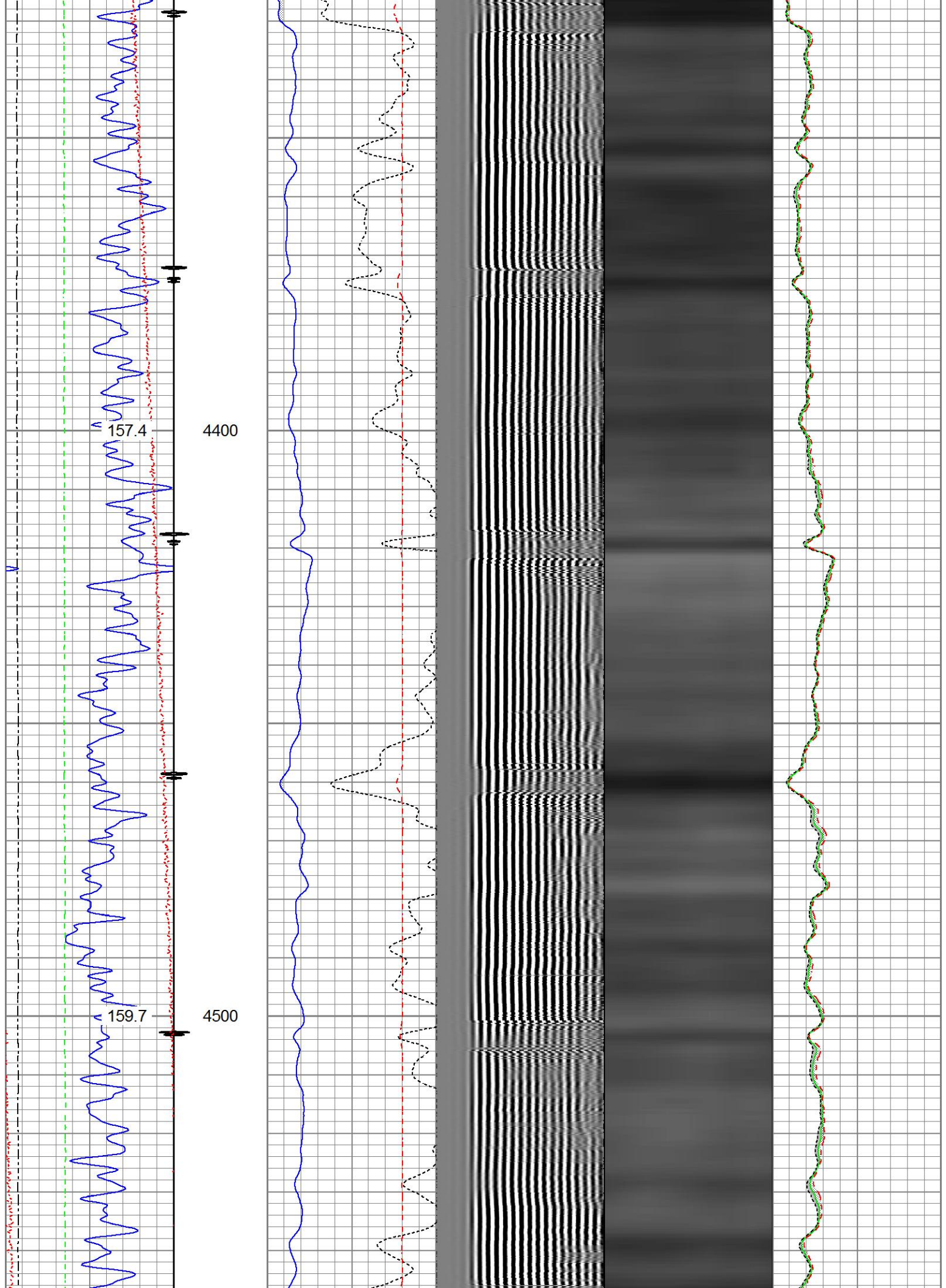


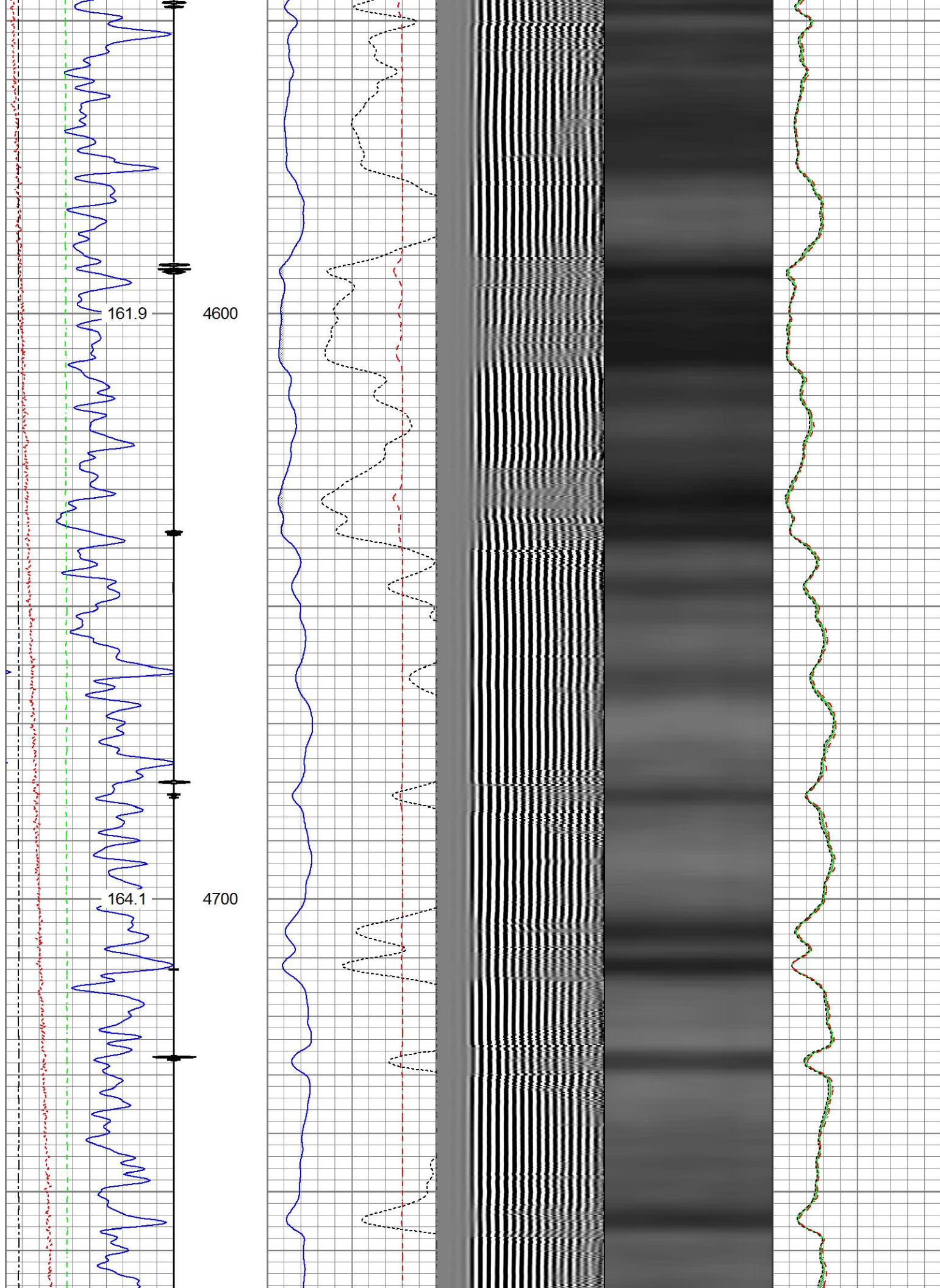


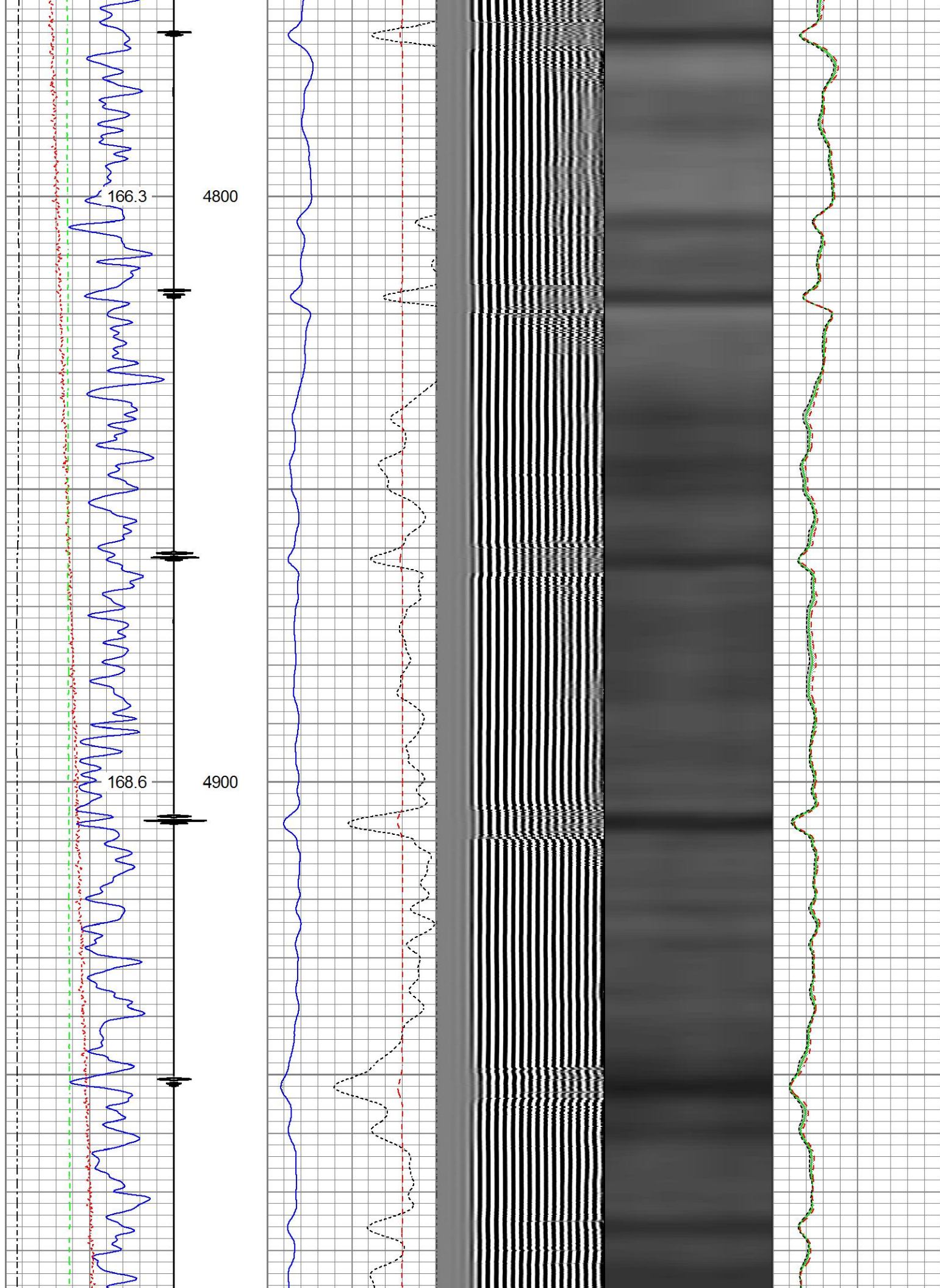


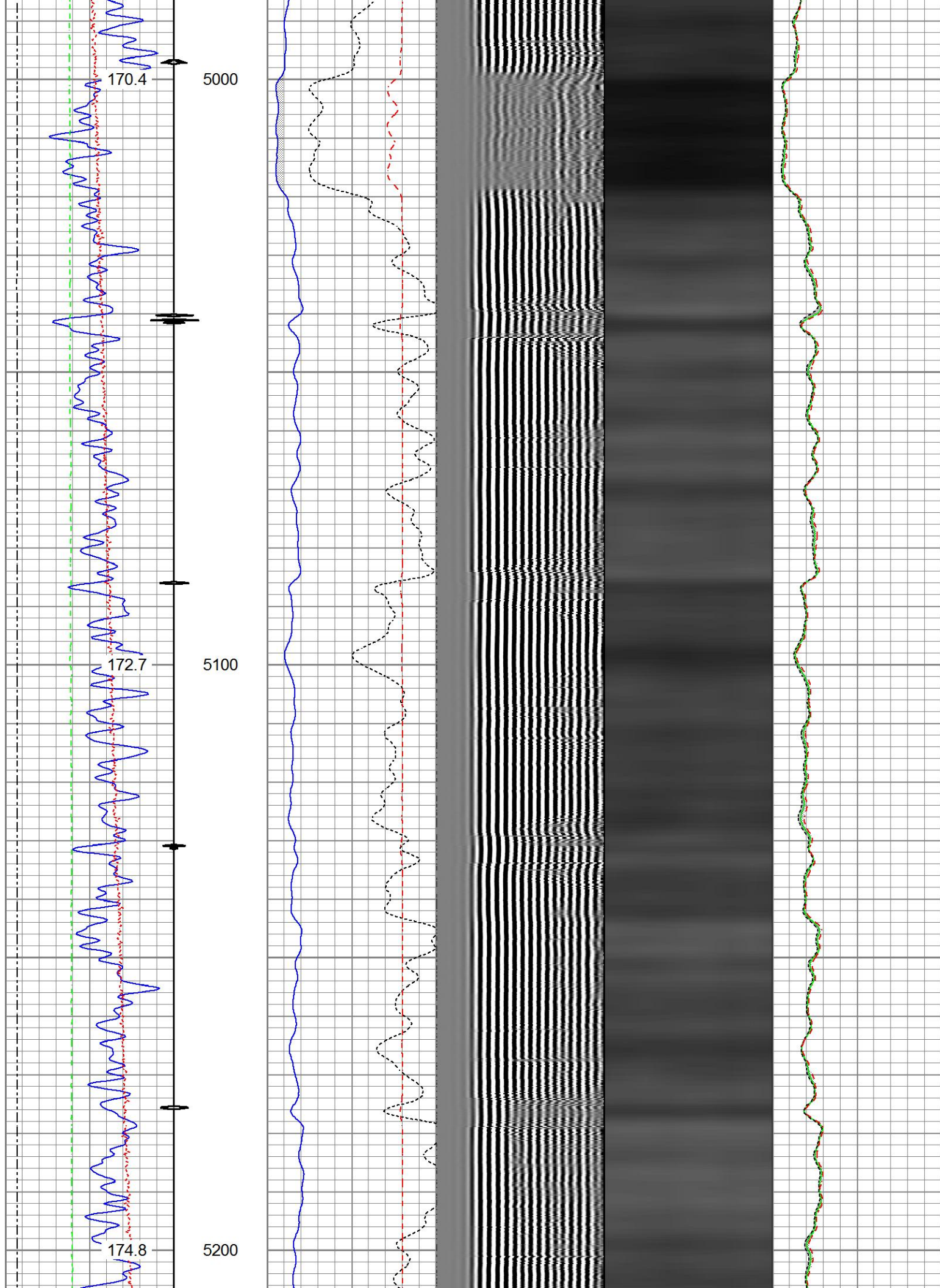


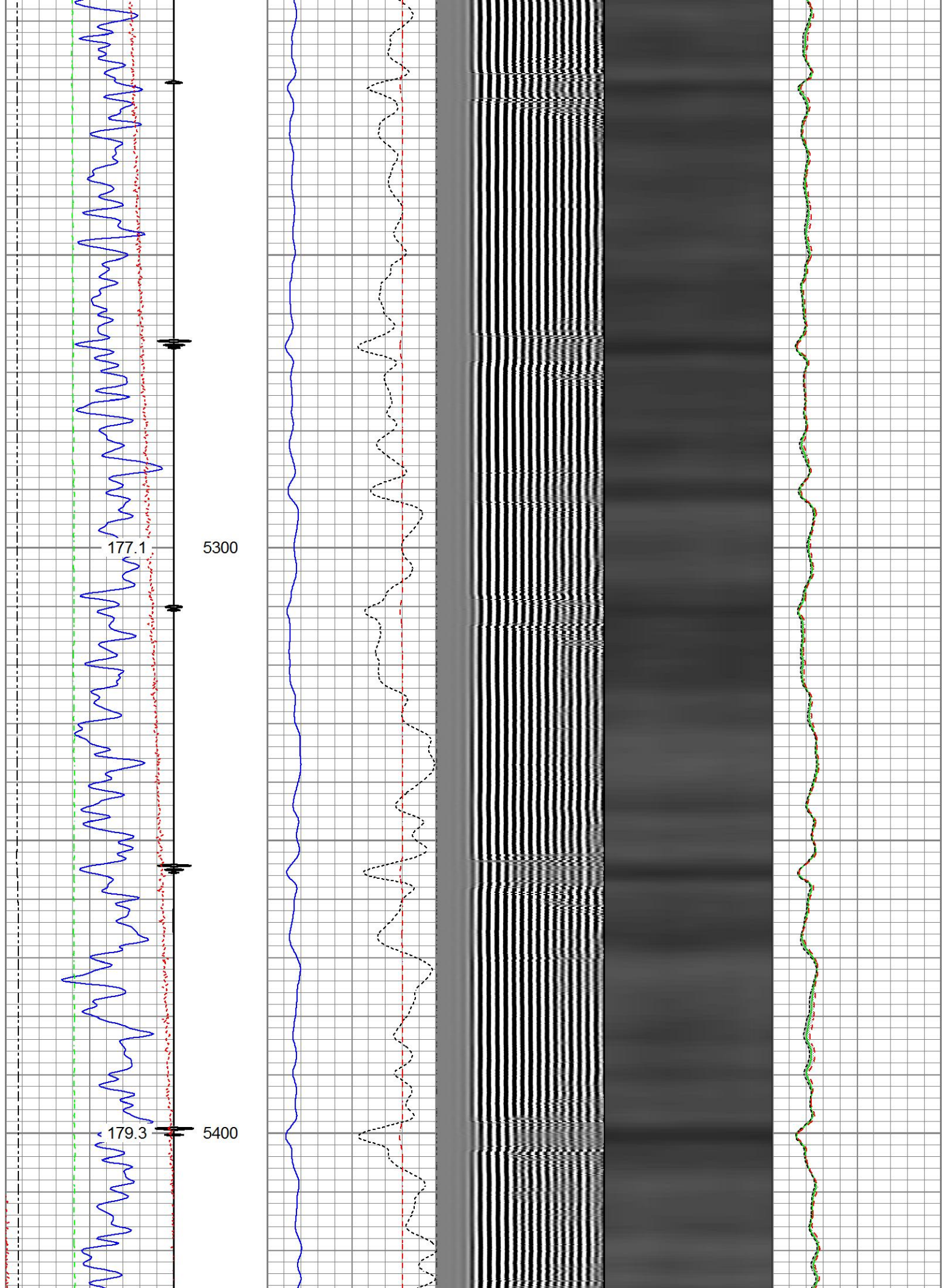


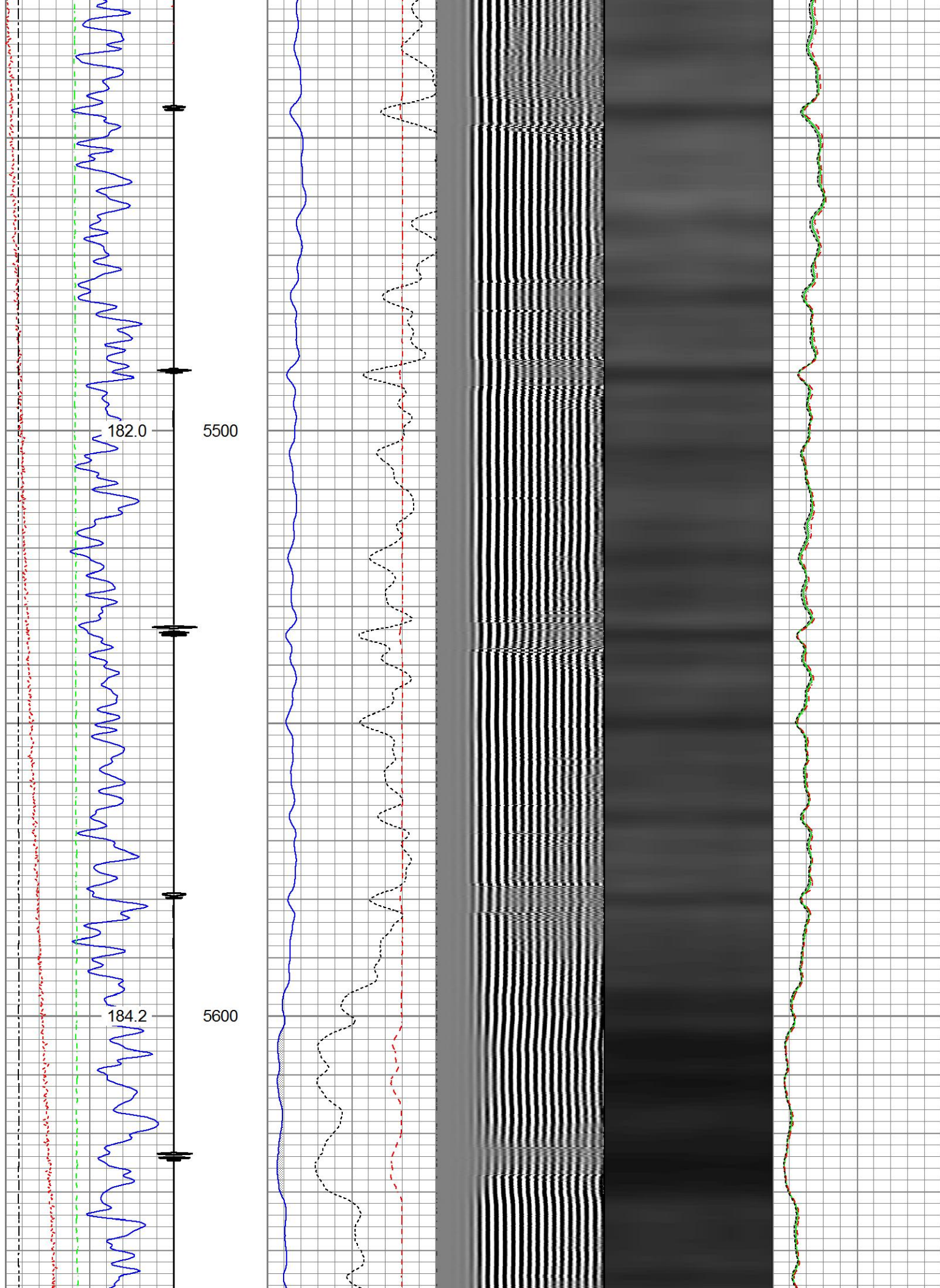


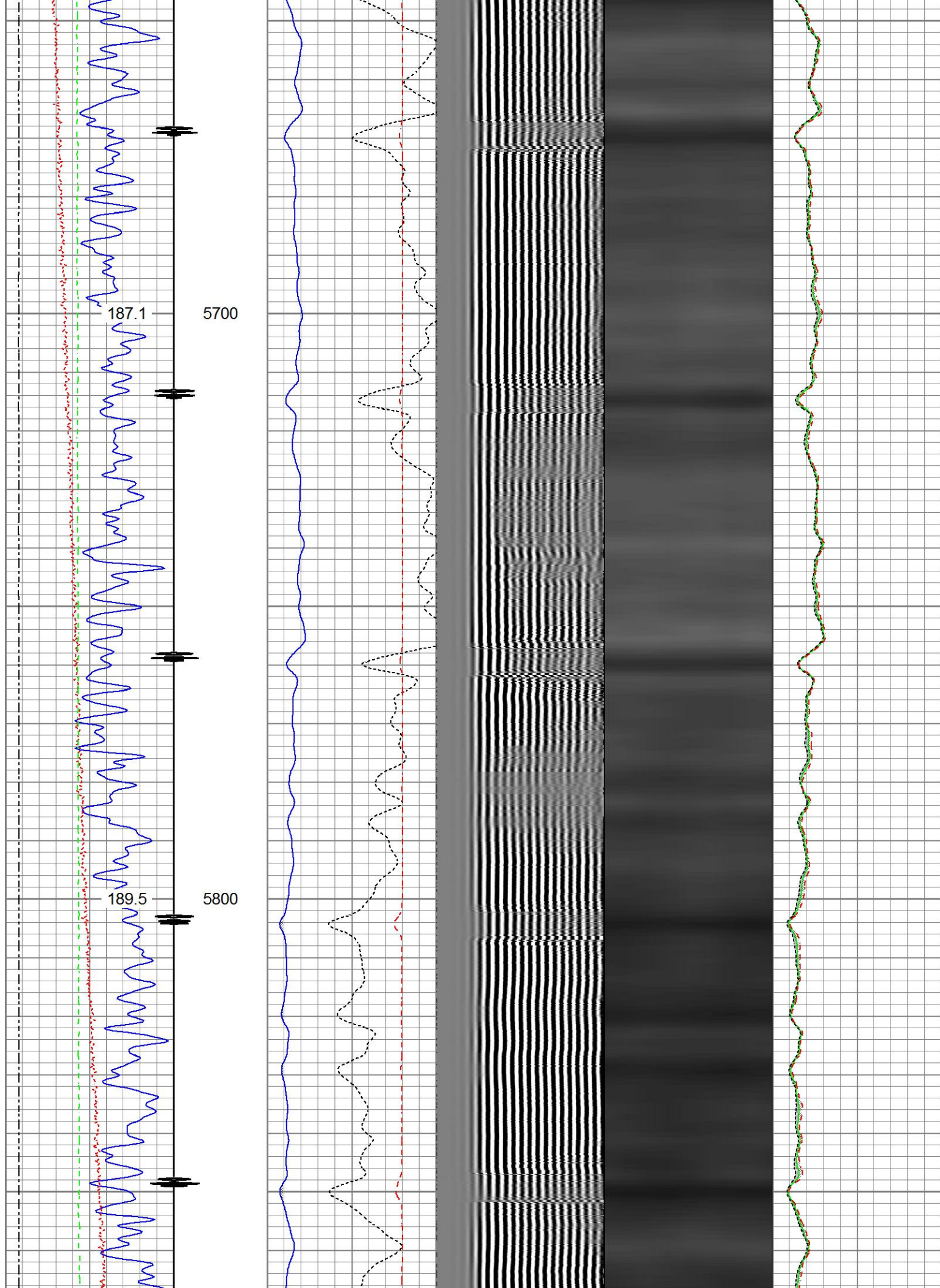


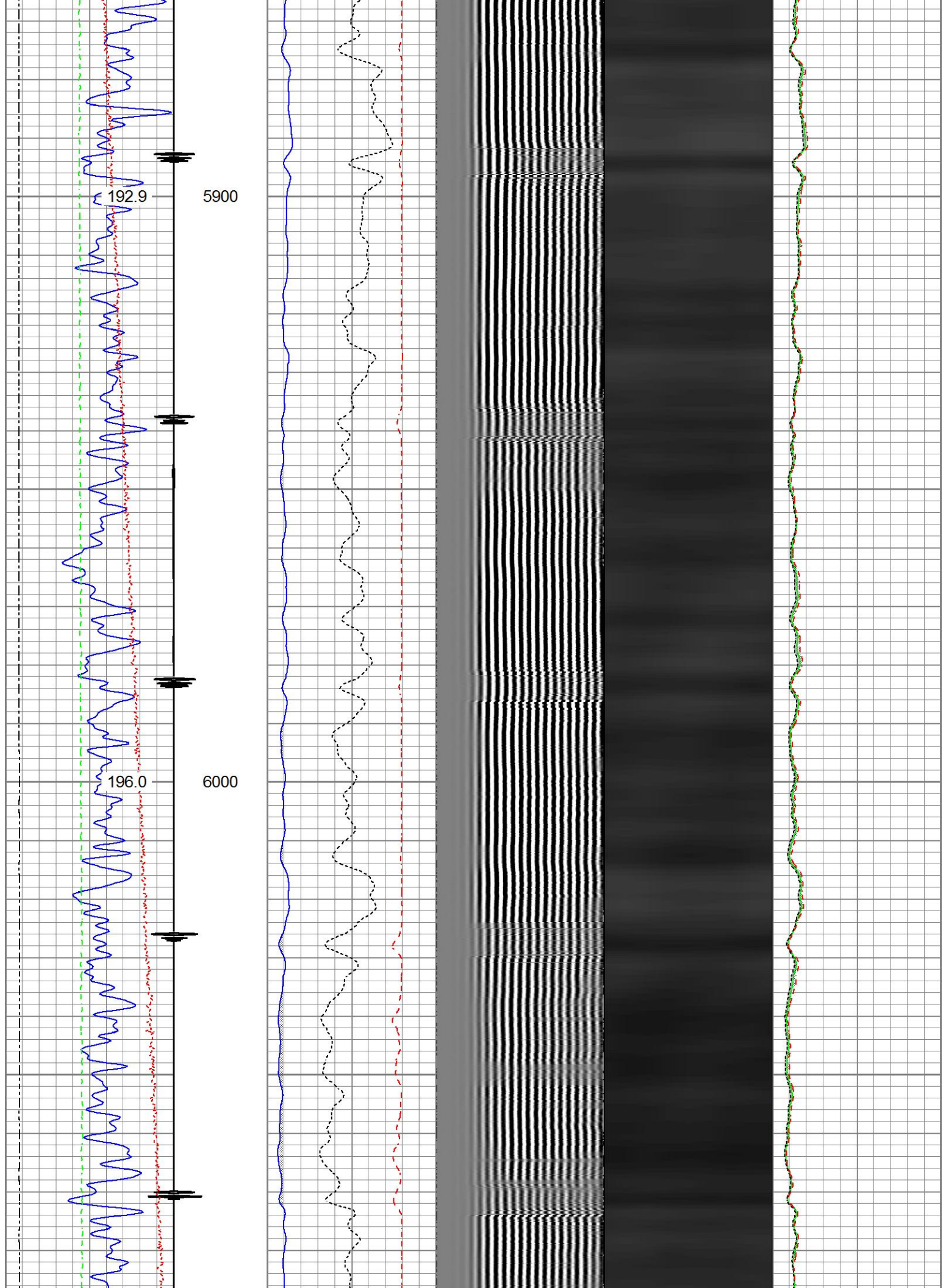


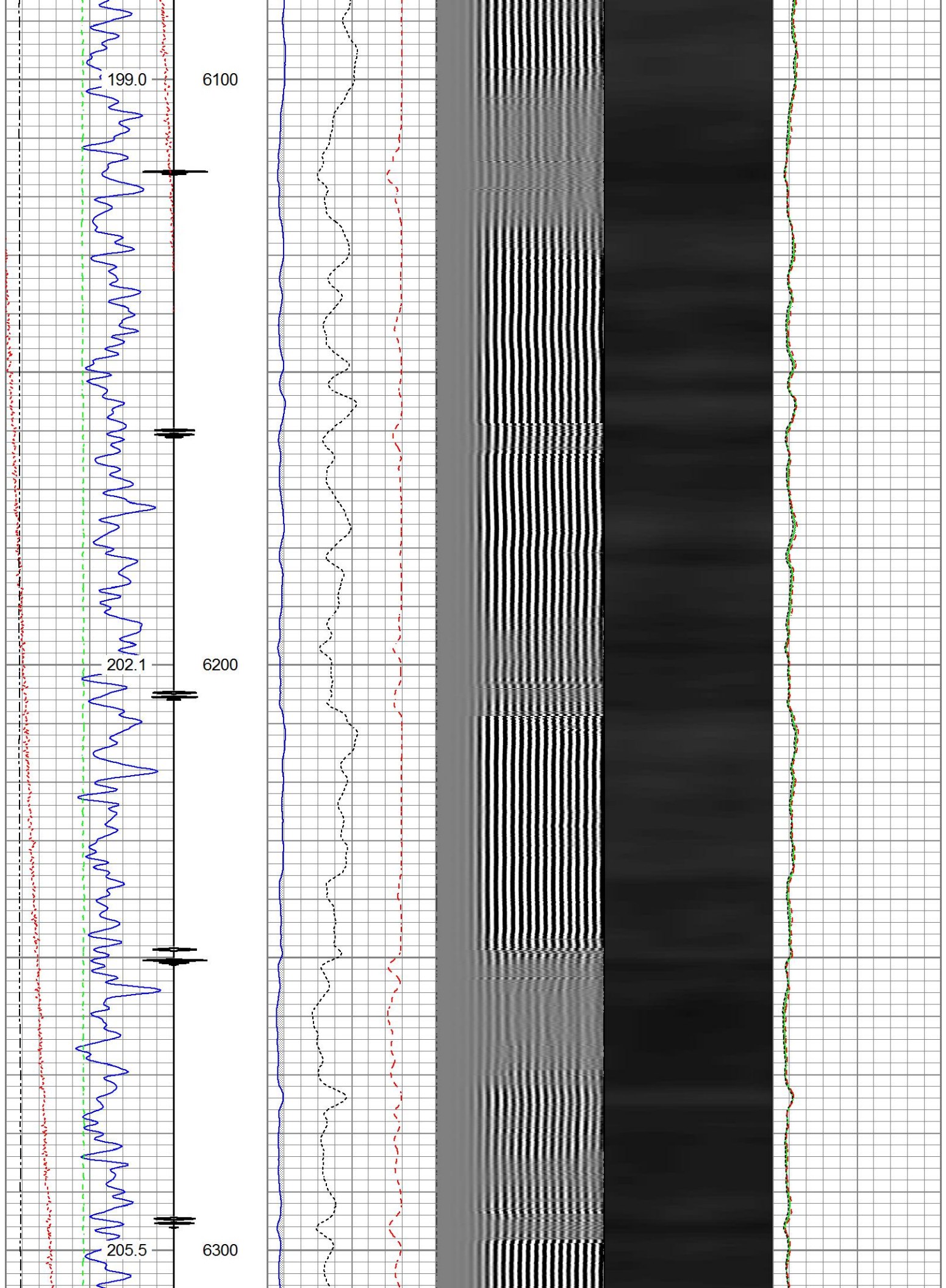


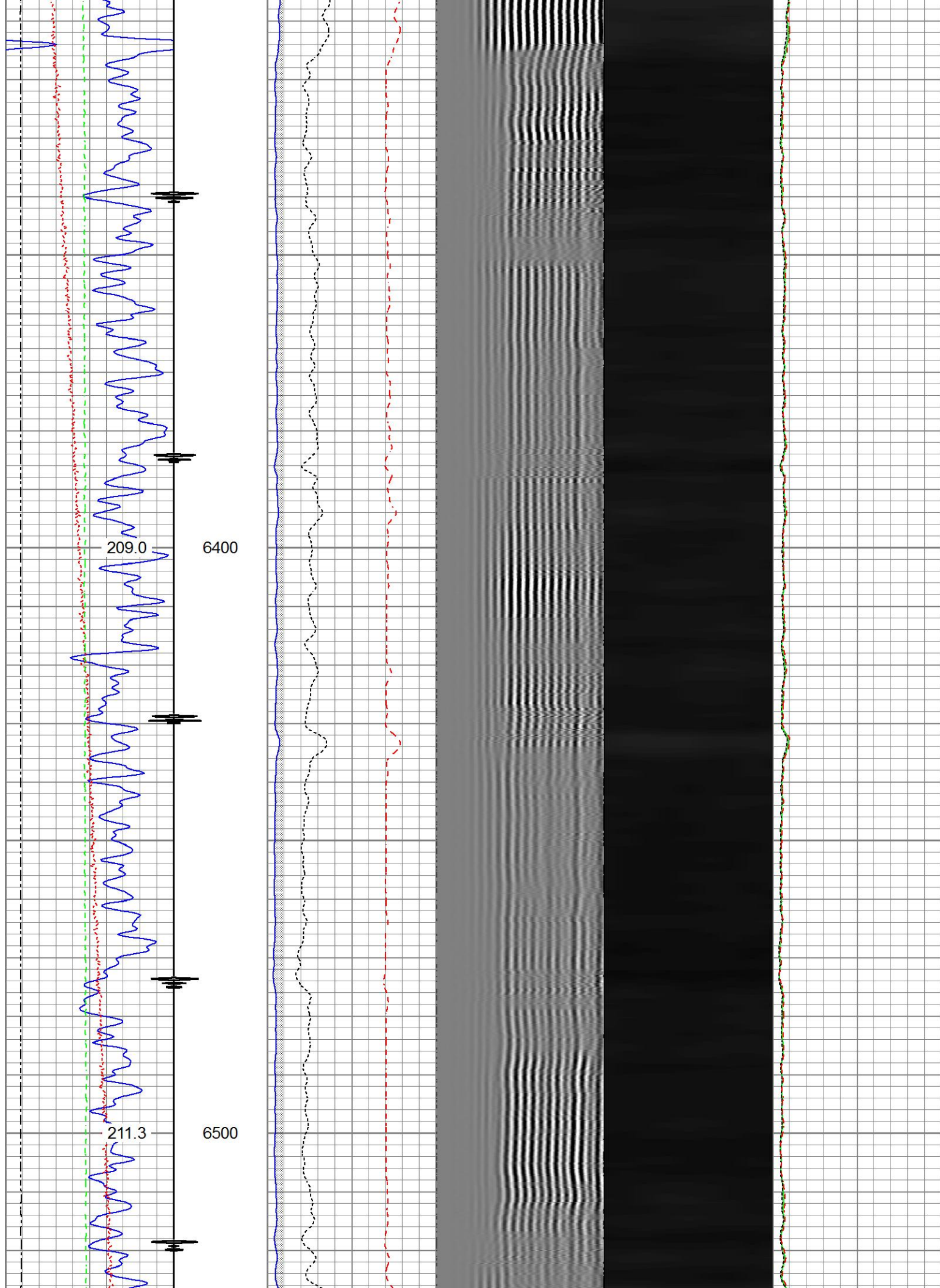


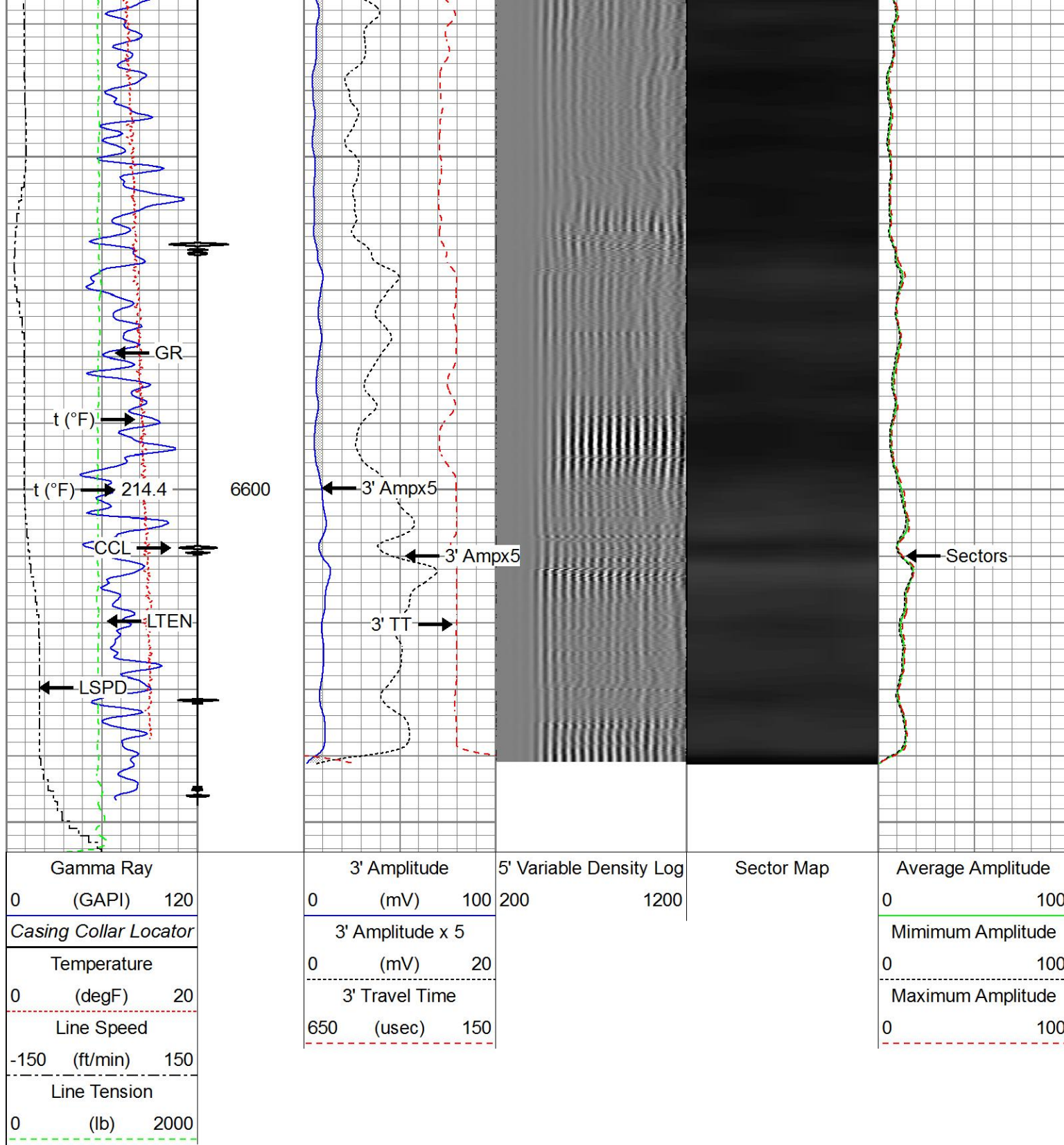








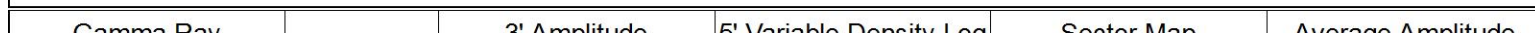




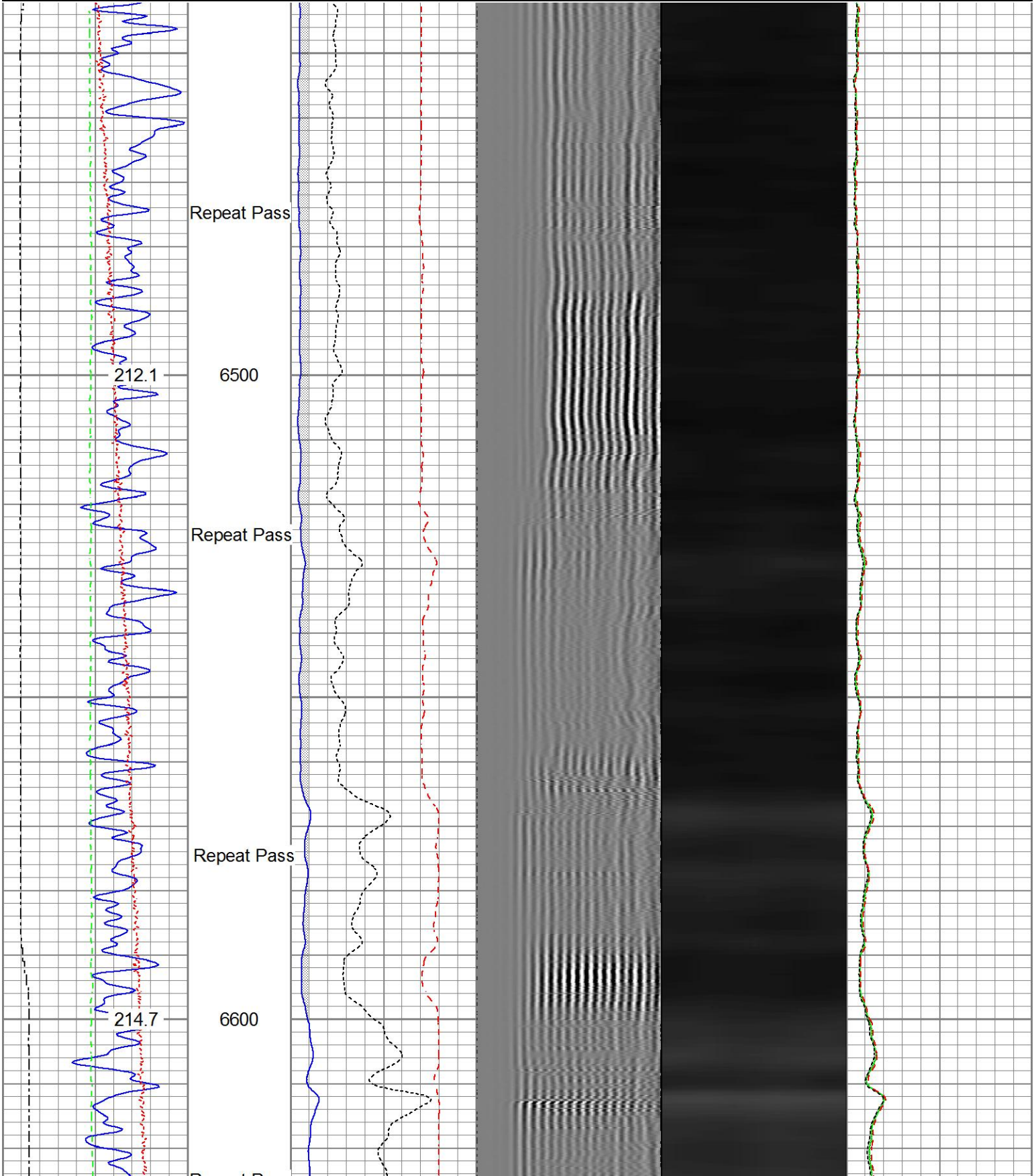
Repeat Pass

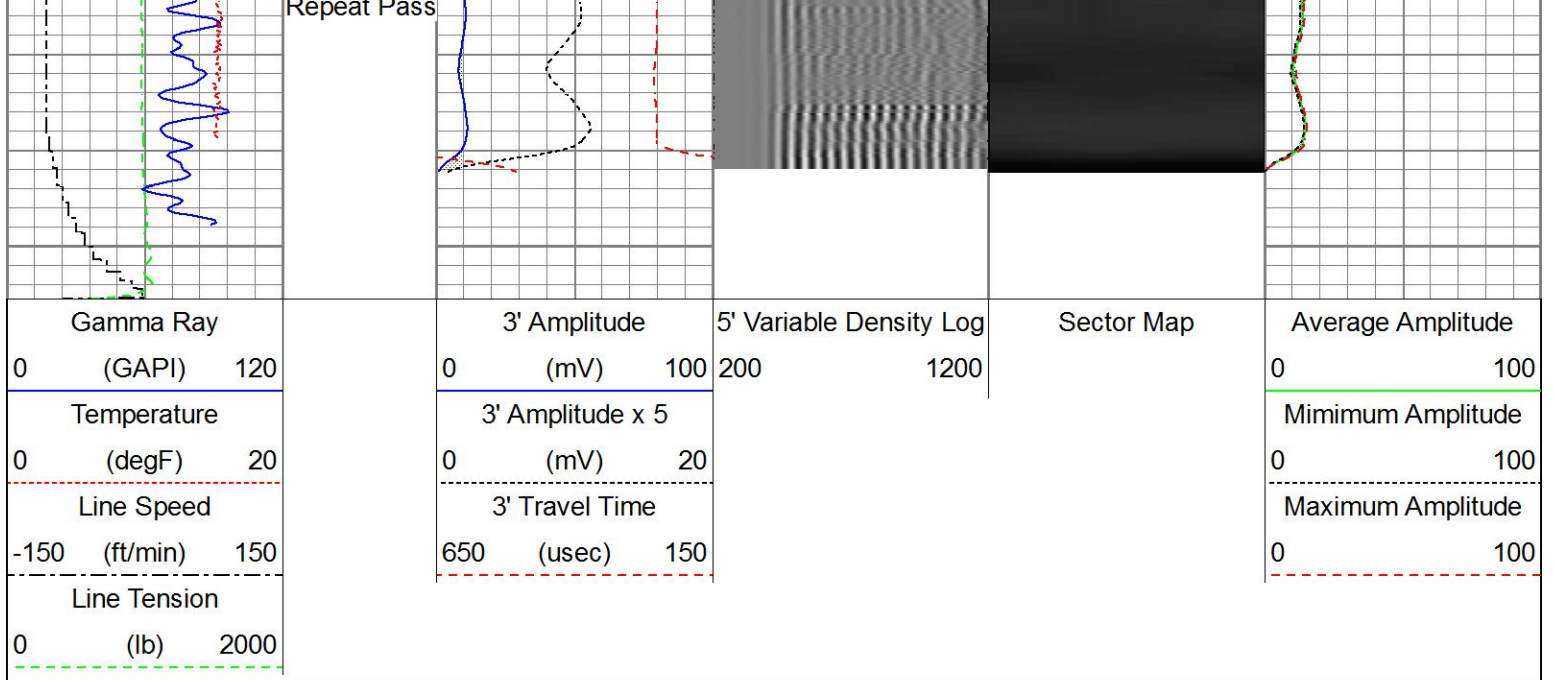
Recorded With 2800 PSI Surface Induced Pressure

Database File anadarko_butterball 25n2-34hz\0512344407_anadarko_butterball 25n2-34hz_rbl_08-27-17.db
 Dataset Pathname pass1.1
 Presentation Format ros_radrii
 Dataset Creation Mon Aug 28 15:23:21 2017
 Charted by Depth in Feet scaled 1:240

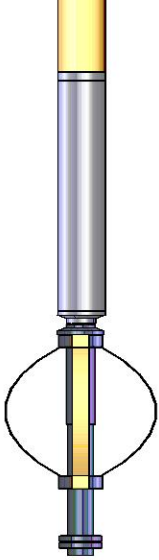


Galvanic Ray			3' Amplitude			3' variable Density Log			Sector Map			Average Amplitude		
0	(GAPI)	120	0	(mV)	100	200		1200				0		100
Temperature			3' Amplitude x 5						Minimum Amplitude					
0	(degF)	20	0	(mV)	20				0			0		100
Line Speed			3' Travel Time						Maximum Amplitude					
-150	(ft/min)	150	650	(usec)	150				0			0		100
Line Tension														
0	(lb)	2000												





Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Titan_Electric_Cable_Heads-Titan_1-11/161.03 Electric Cable Head with 1" Fishing Neck	1.69	1.69	5.40
			Probe_ELine_BowSpring_Centralizer-P_EE2.88_275 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.75	2.75	20.00
Temp	16.72					
WVFS8	14.55		Probe_RADII-C-P_RBT_2750 (FW1305-099.19 Probe 2-3/4" Sector Cement Bond Tool with Temperature Probe	2.75	2.75	105.00
WVFS7	14.55					
WVFS6	14.55					
WVFS5	14.55					
WVFS4	14.55					
WVFS3	14.55					
WVFS2	14.55					
WVFS1	14.55					
WVFCAL	14.55					
WVF3FT	14.55					
WVF5FT	13.55					
HeadVolt	10.30		Probe_ELine_BowSpring_Centralizer-P_EE2.88_275 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.75	2.75	20.00

DCCL	6.51				
CCL	6.51				
GR	5.30				
		Probe_GR_CCL-P_CGR_2750_S (FW1304.543) Probe 2-3/4" Digital CCL / Gamma Ray Combined		2.75	55.00
		Probe_ELine_BowSpring_Centralizer-P Probe 2-3/4" Electric Inline Bowspring Centralizer	EE2.88.275	2.75	20.00
Dataset: 0512344407_Anadarko_Butterball 25N2-34HZ_RBL_08-27-17.db: field/well/run1/pass2.1 Total length: 23.40 ft Total weight: 225.40 lb O.D.: 2.75 in					

Calibration Report	
Database File	D:\Warrior\Data\Anadarko_Butterball 25N2-34HZ\0512344407_Anadarko_Butterball 25N2-34HZ_RBL_08-27-17
Dataset Pathname	pass2.1
Dataset Creation	Sun Aug 27 12:00:01 2017

Gamma Ray Calibration Report		
Serial Number:	FW1307-038	
Tool Model:	P_CGR_2750_S	
Performed:	Sat Feb 06 11:43:09 2016	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.6	cps
Sensitivity:	0.6061	GAPI/cps

Segmented Cement Bond Log Calibration Report		
Serial Number:	FW1305-096	
Tool Model:	P_RBT_2750	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	32.011	ft

Master Calibration, performed (Derived):						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.002	0.670	0.800	71.921	106.417	0.599
CAL	0.716	0.610				
5'	0.001	0.628	0.800	71.921	113.432	0.710
SUM						
S1	0.002	0.649	0.000	100.000	154.476	-0.277
S2	0.002	0.676	0.000	100.000	148.318	-0.266
S3	0.002	0.704	0.000	100.000	142.363	-0.241
S4	0.002	0.712	0.000	100.000	140.706	-0.252
S5	0.002	0.697	0.000	100.000	143.961	-0.283
S6	0.002	0.669	0.000	100.000	150.026	-0.303

S6	0.002	0.644	0.000	100.000	155.820	0.000
S7	0.002	0.644	0.000	100.000	155.820	-0.303
S8	0.002	0.640	0.000	100.000	156.733	-0.277

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.716	0.610	1.000	0.000

Air Zero Calibration, performed Sun Aug 27 08:19:35 2017:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.000		0.000		0.000	
5'	0.000		0.000		0.000	
SUM						
S1	0.000		0.000		0.000	
S2	0.000		0.000		0.000	
S3	0.000		0.000		0.000	
S4	0.000		0.000		0.000	
S5	0.000		0.000		0.000	
S6	0.000		0.000		0.000	
S7	0.000		0.000		0.000	
S8	0.000		0.000		0.000	



Company	Kerr-McGee Oil & Gas Onshore, L.P.
Well	Butterball 25N2-34HZ
Field	Wattenberg
County	Weld
State	Colorado