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Comments

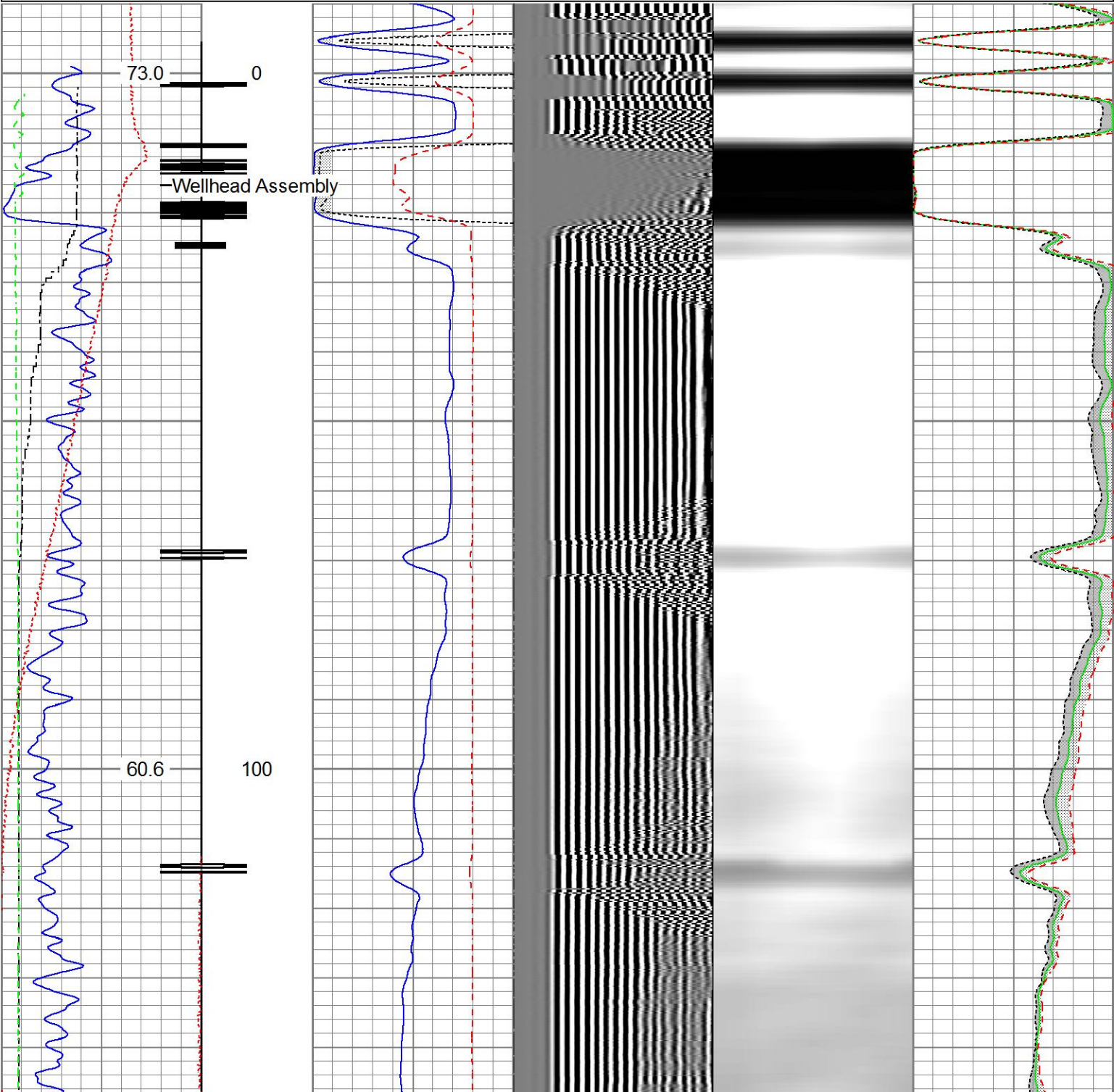
Log ran as per customer request
Depth referenced to Casing Tally reported Marker Joint at 6589 FT
Adjusted -7.5 FT to correlate with Marker Joint
Gauge Ring/Junk Basket ran to 7608 FT with no debris
Retrievable Bridge Plug set at 6685 FT
Log ran from just above RBP to surface
Log ran with 2800 PSI surface induced pressure
Logging tools were clean and free of any debris upon completion of operations

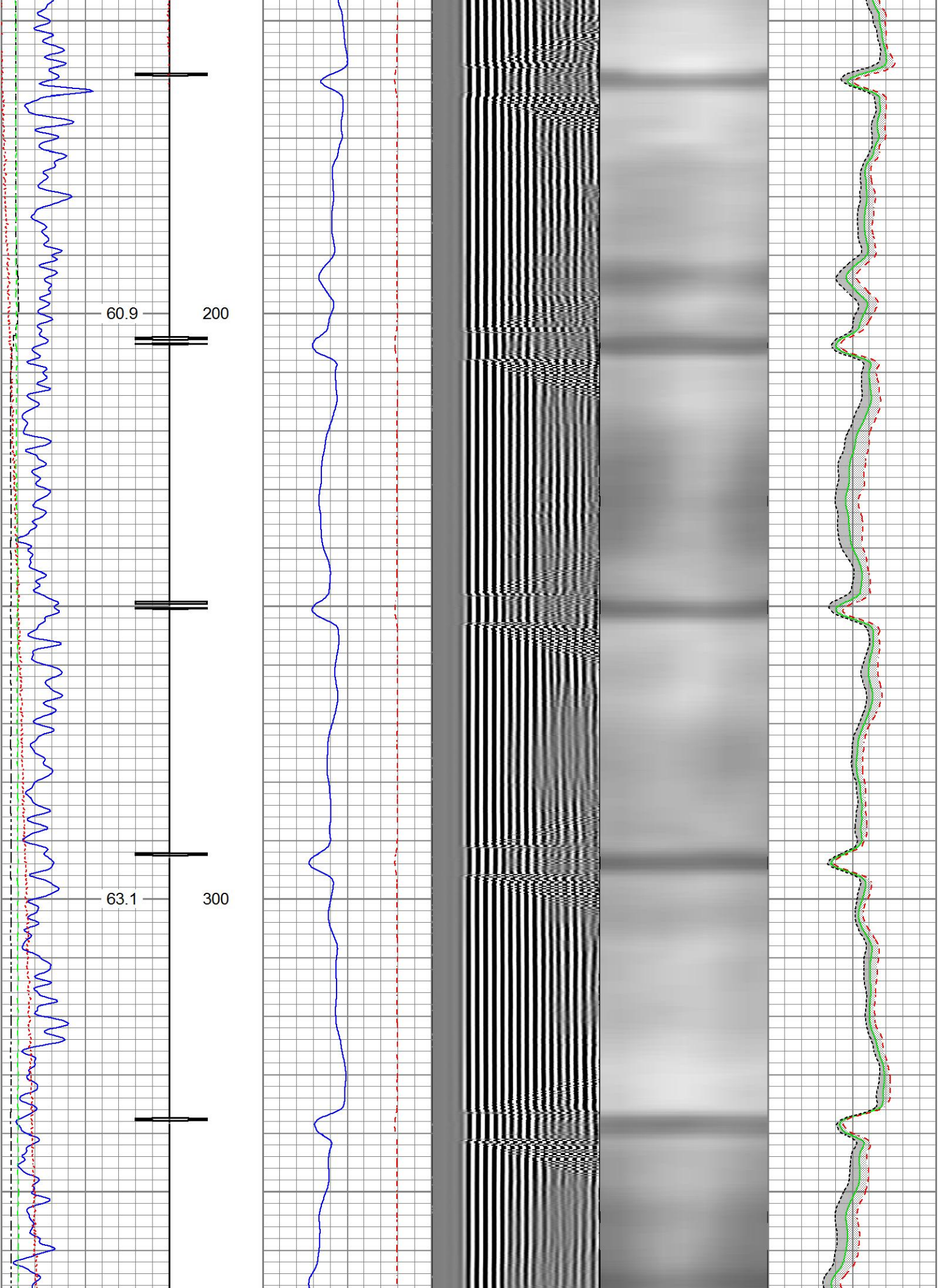
Thank you for choosing Reliance Oilfield Services, LLC!!

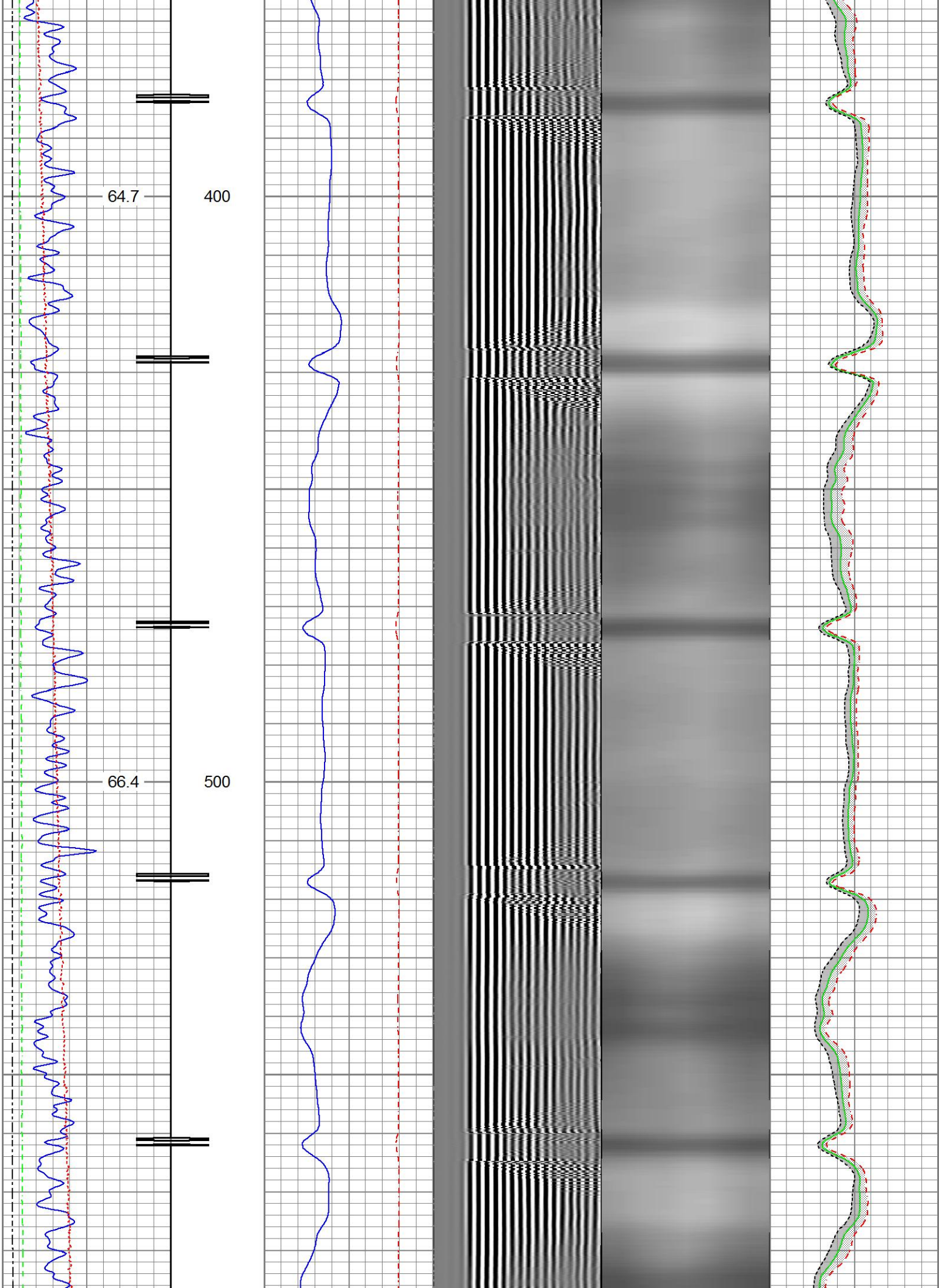


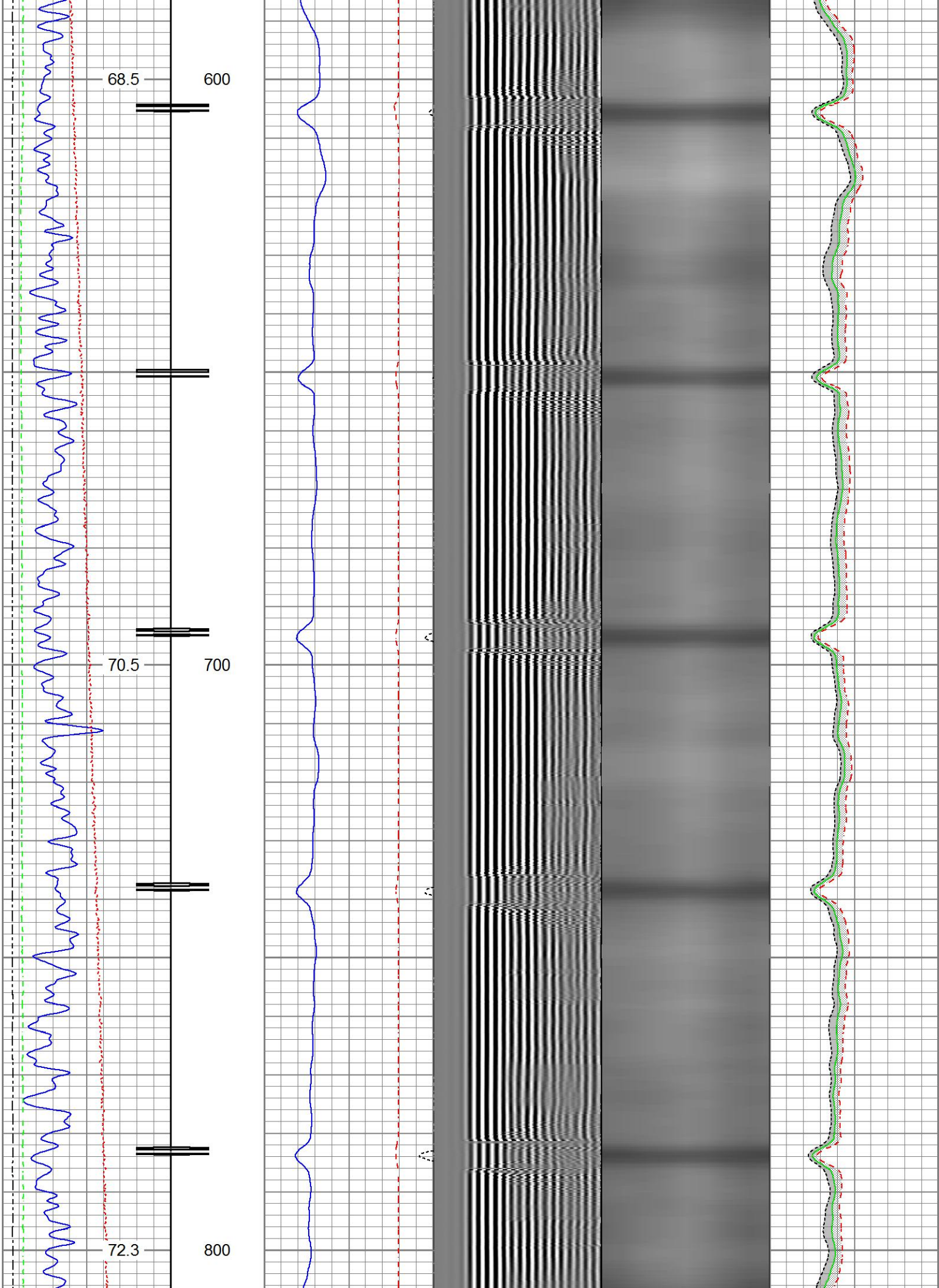
Recorded With 2800 PSI Surface Induced Pressure

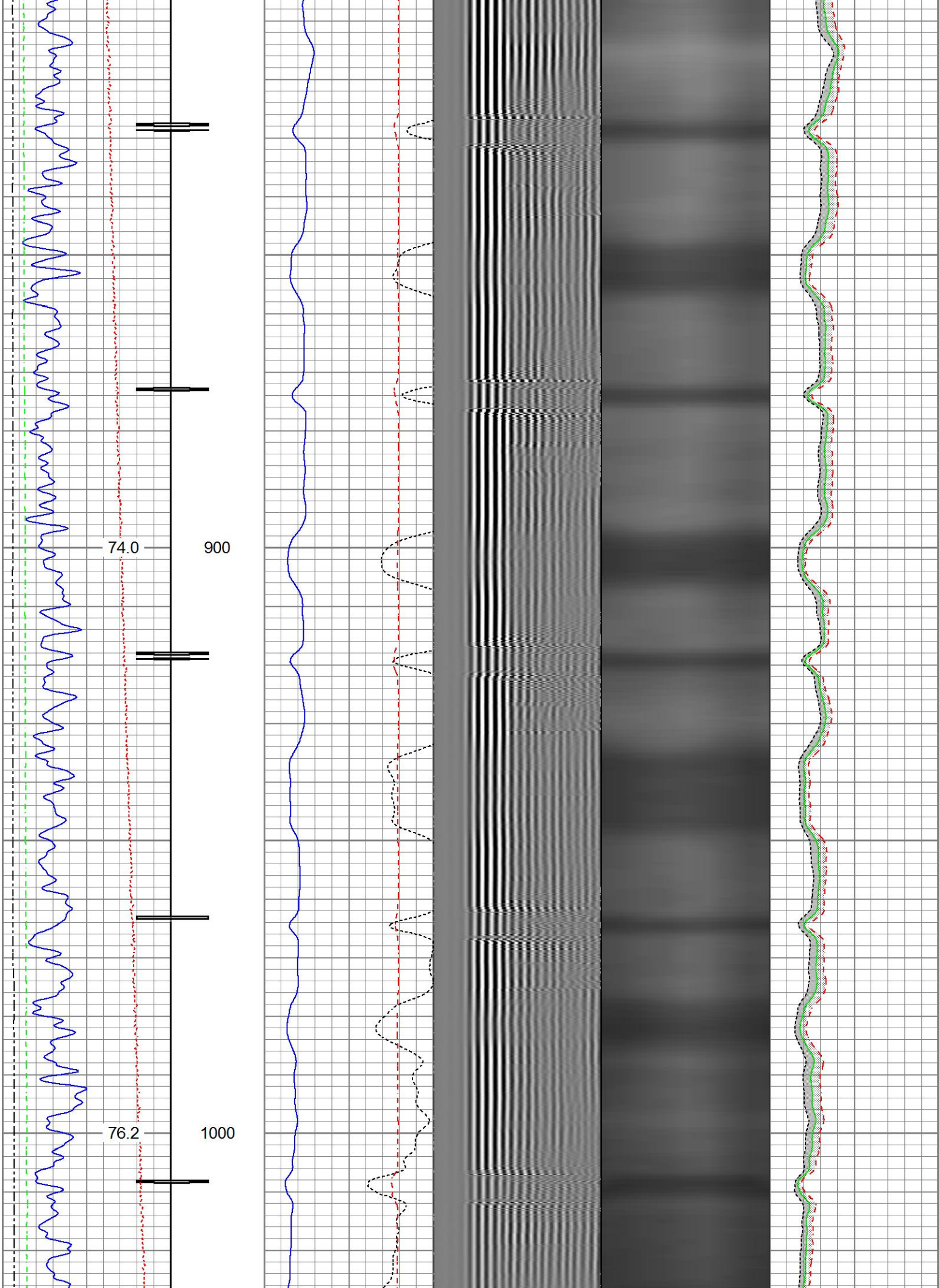
Gamma Ray		3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 120		0 (mV) 100	200 1200		0 100
Casing Collar Locator		3' Amplitude x 5			Minimum Amplitude
Temperature		0 (mV) 20			0 100
0 (degF) 20		3' Travel Time			Maximum Amplitude
Line Speed		650 (usec) 150			0 100
-150 (ft/min)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

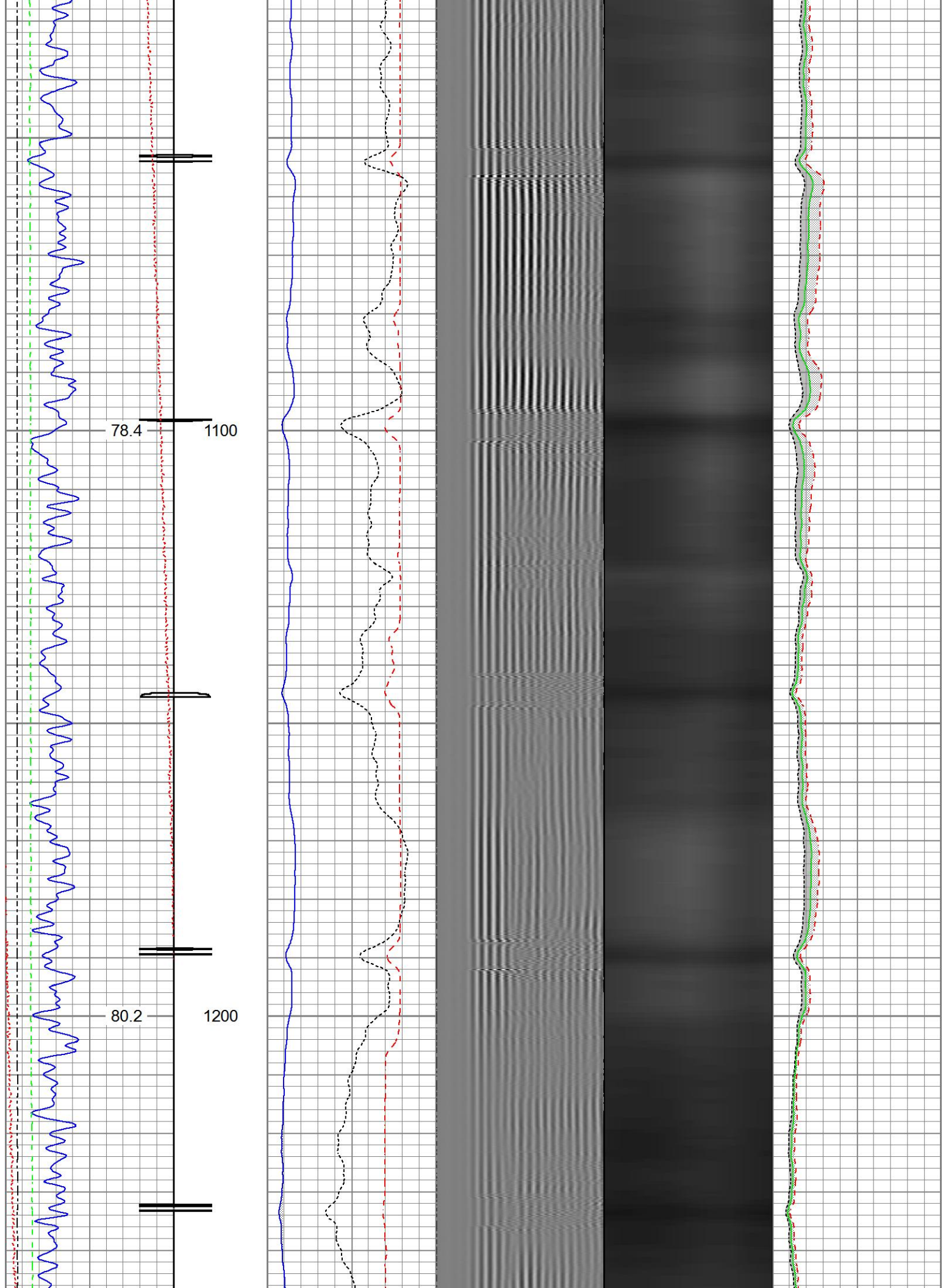


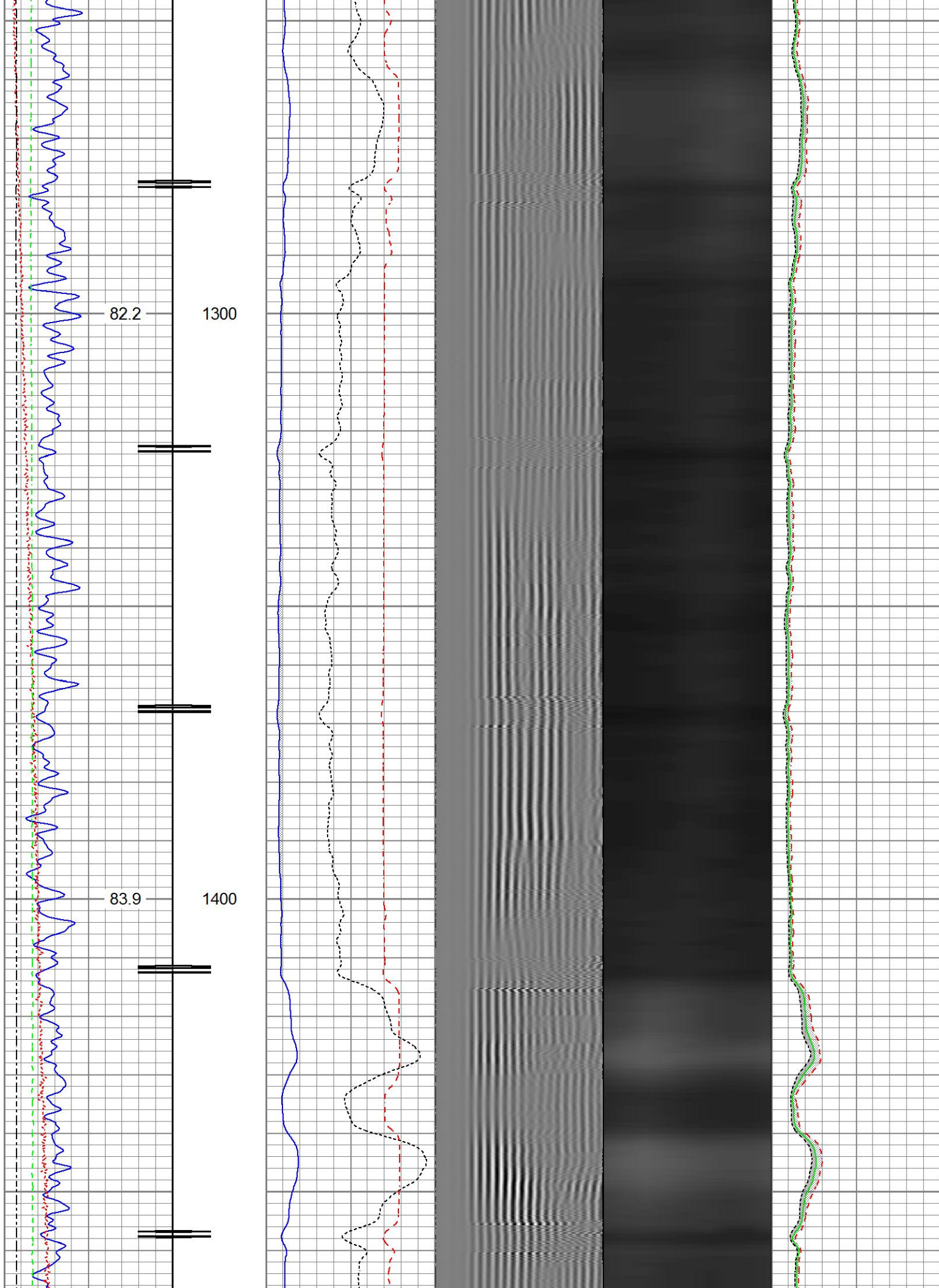


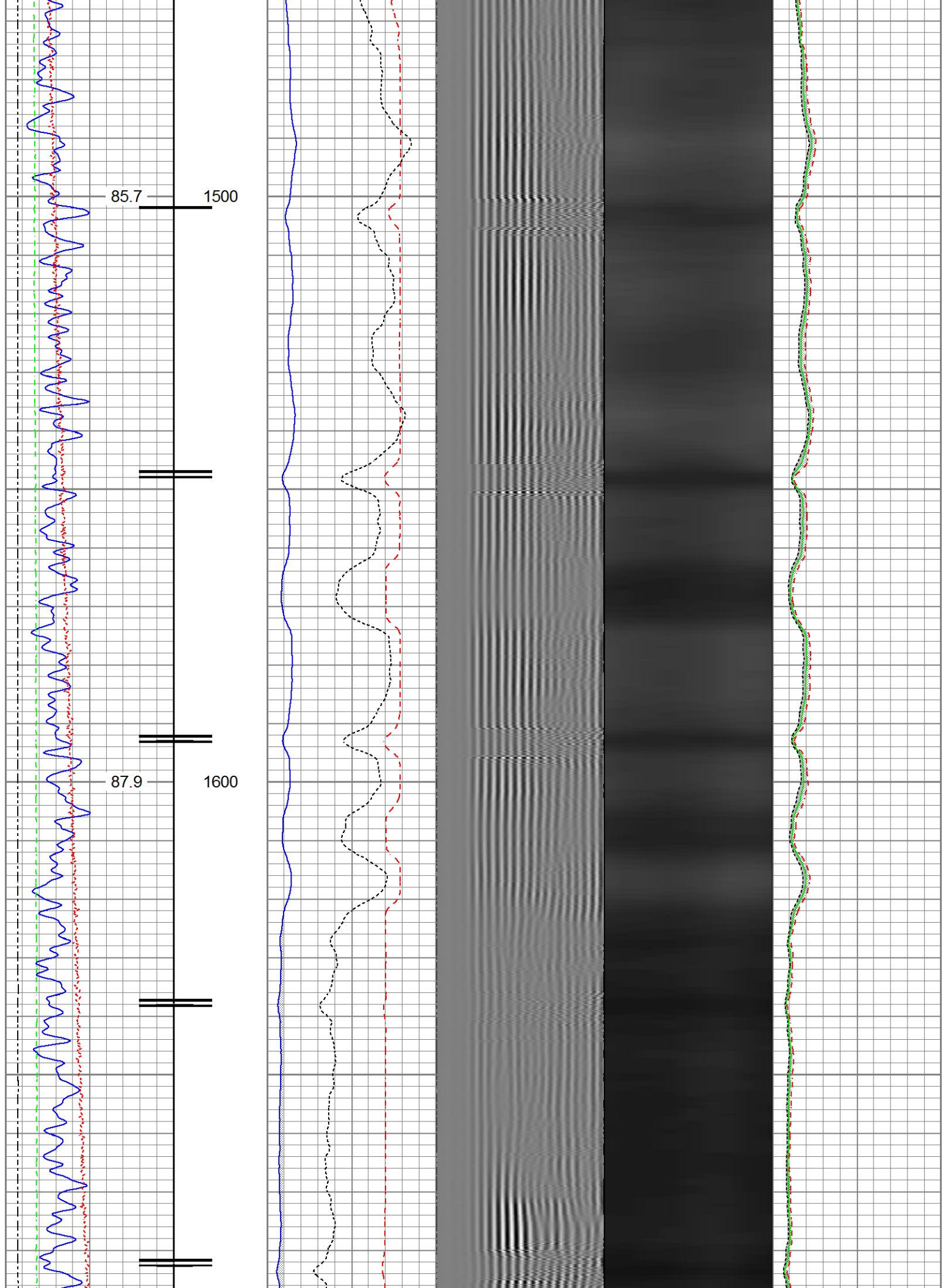


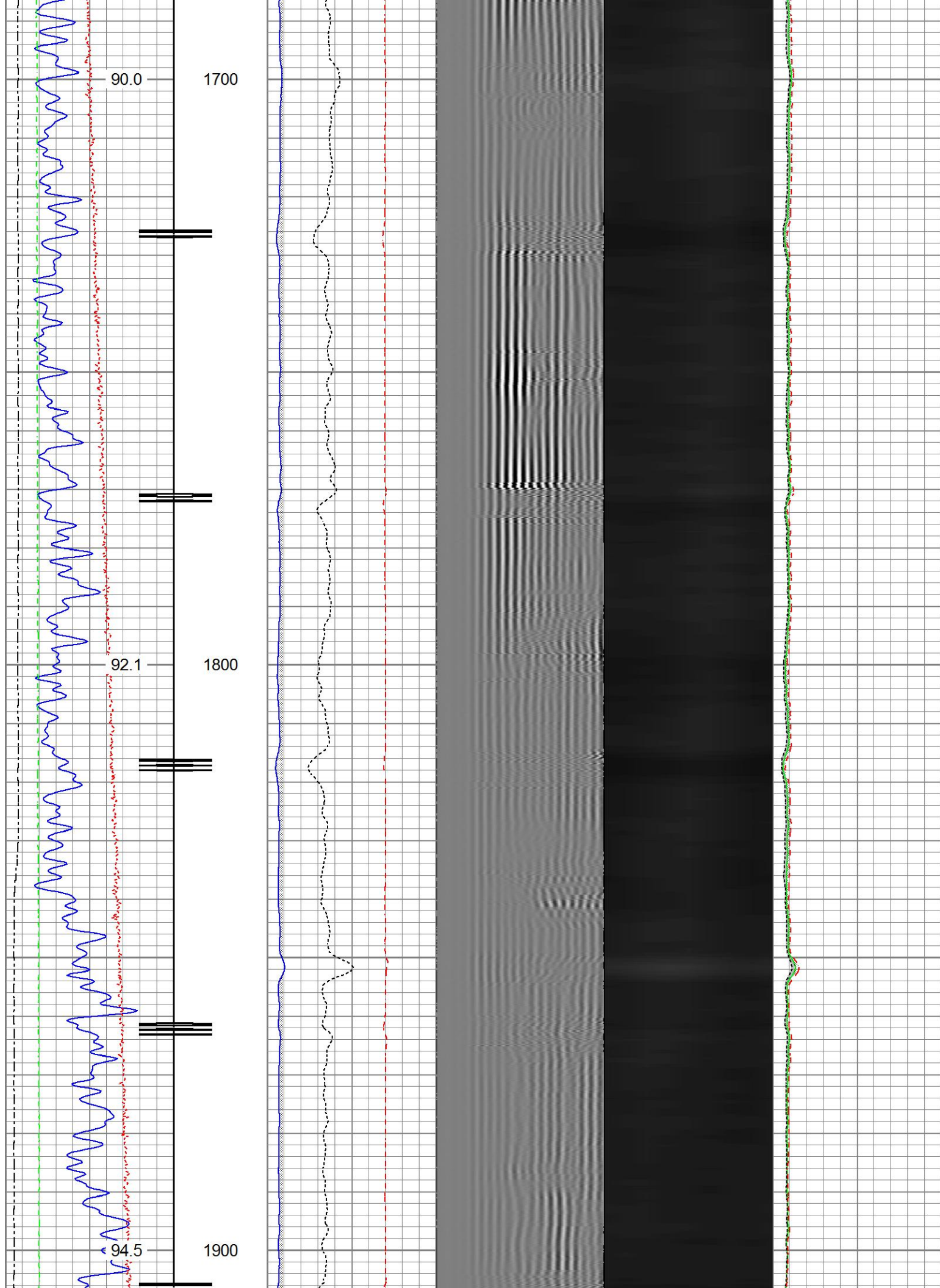


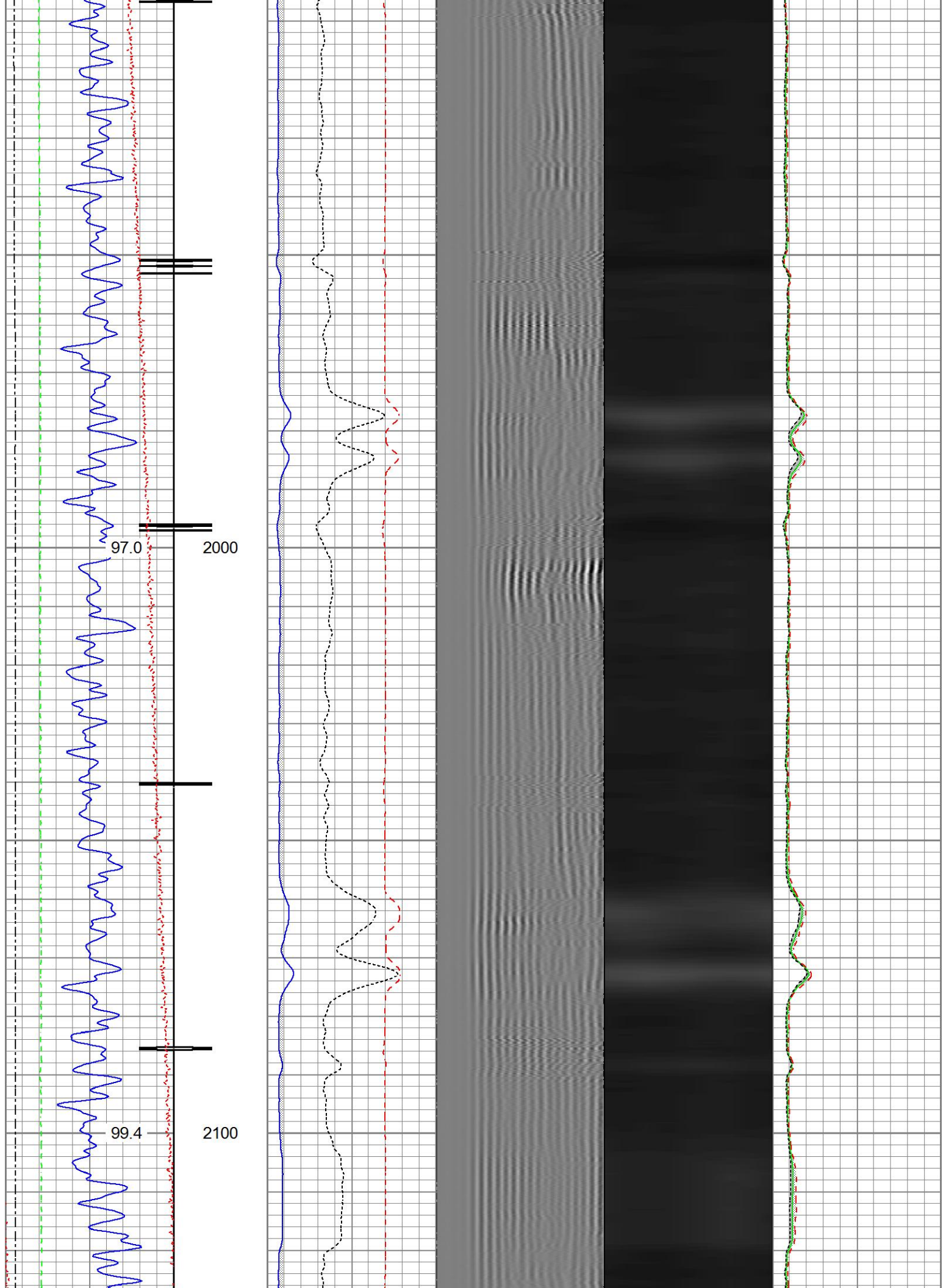


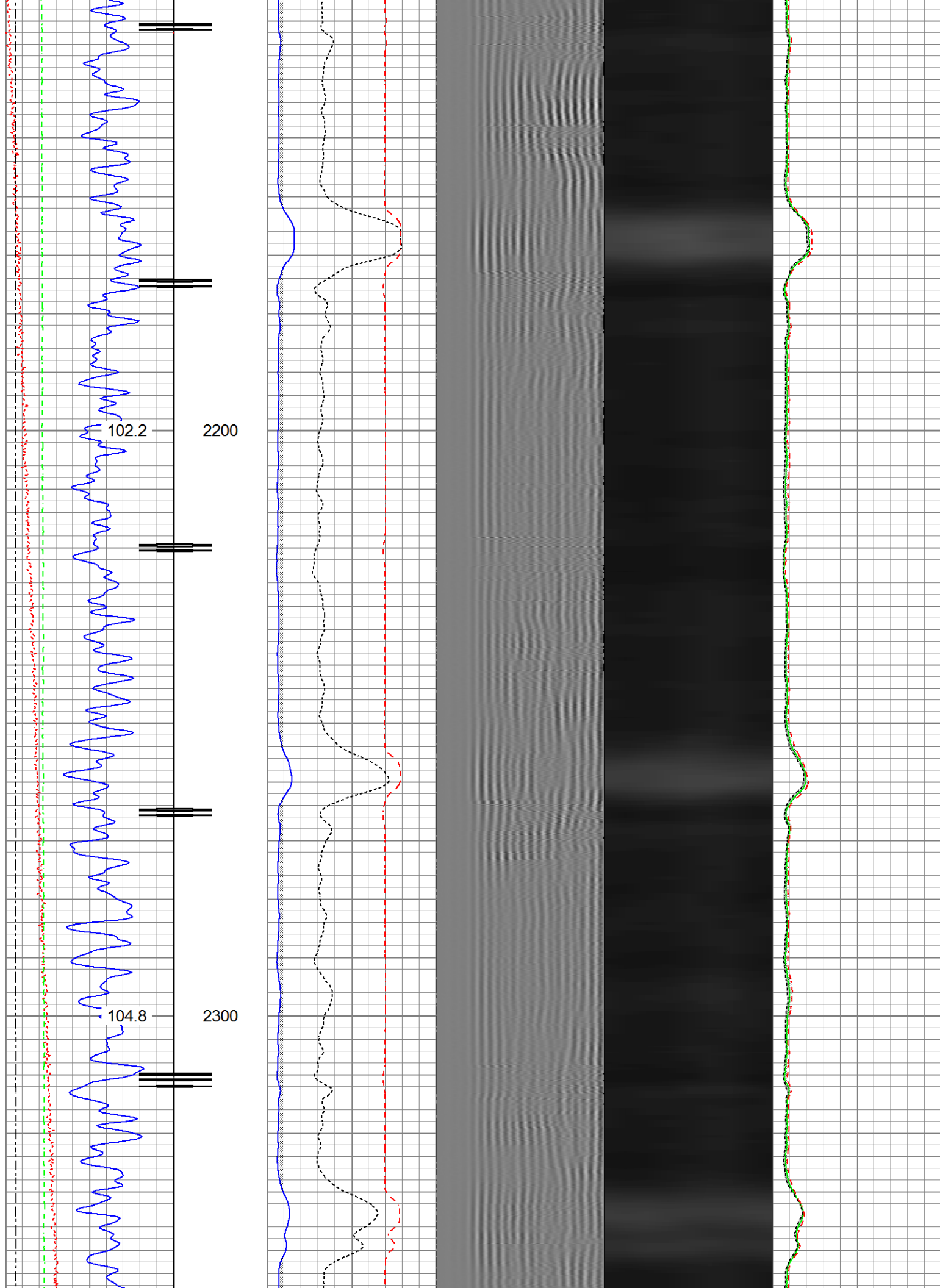


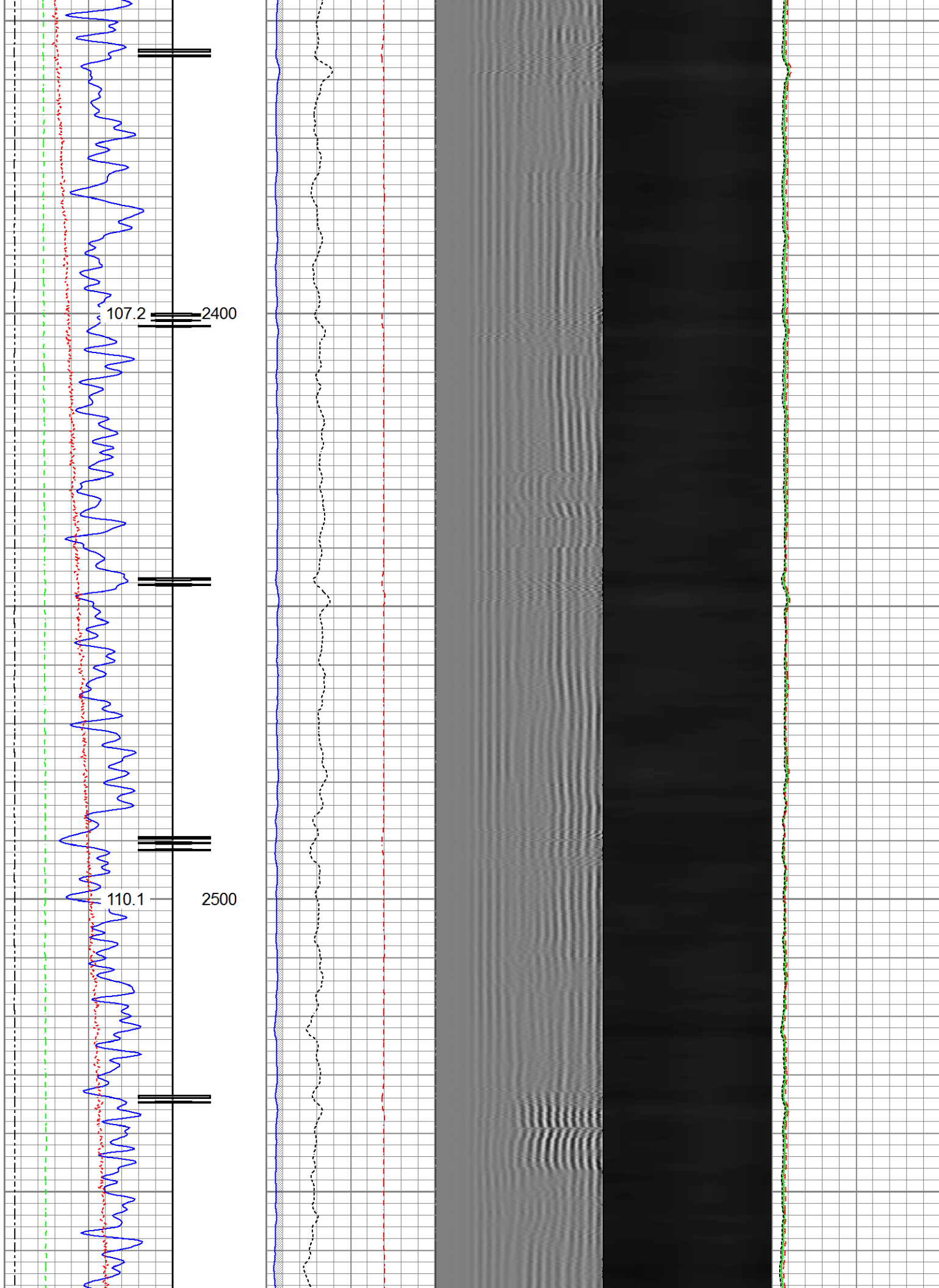


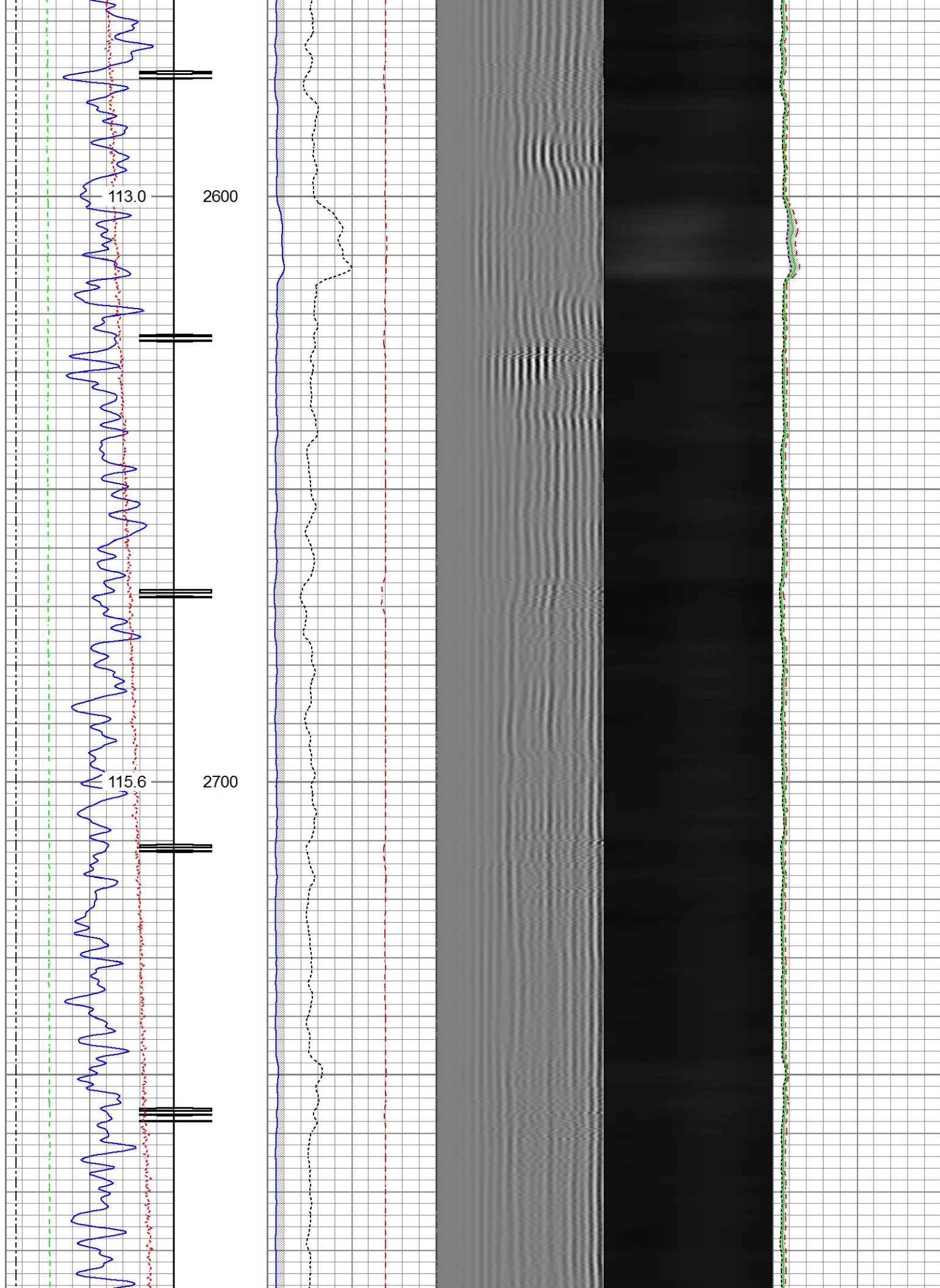


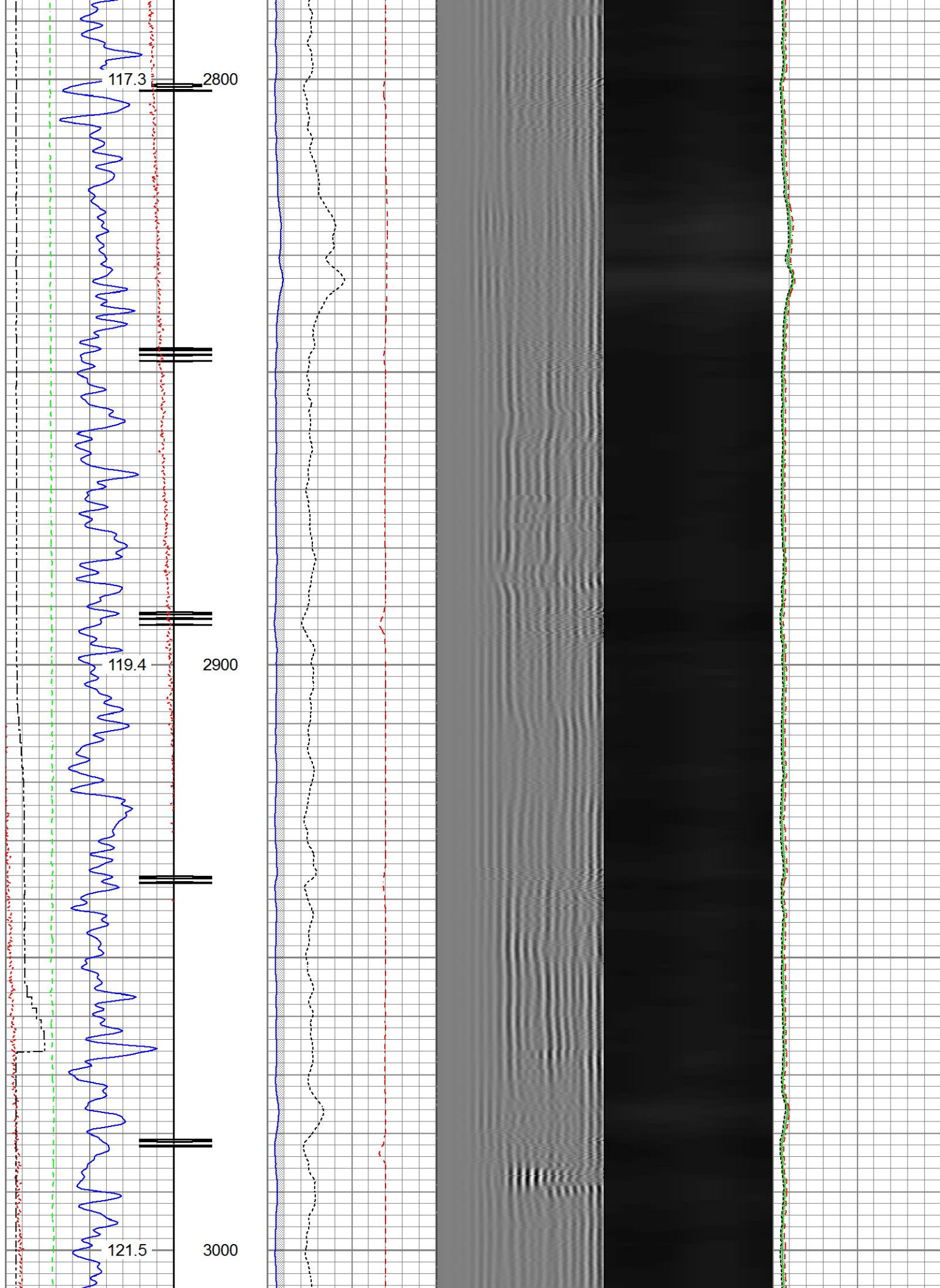


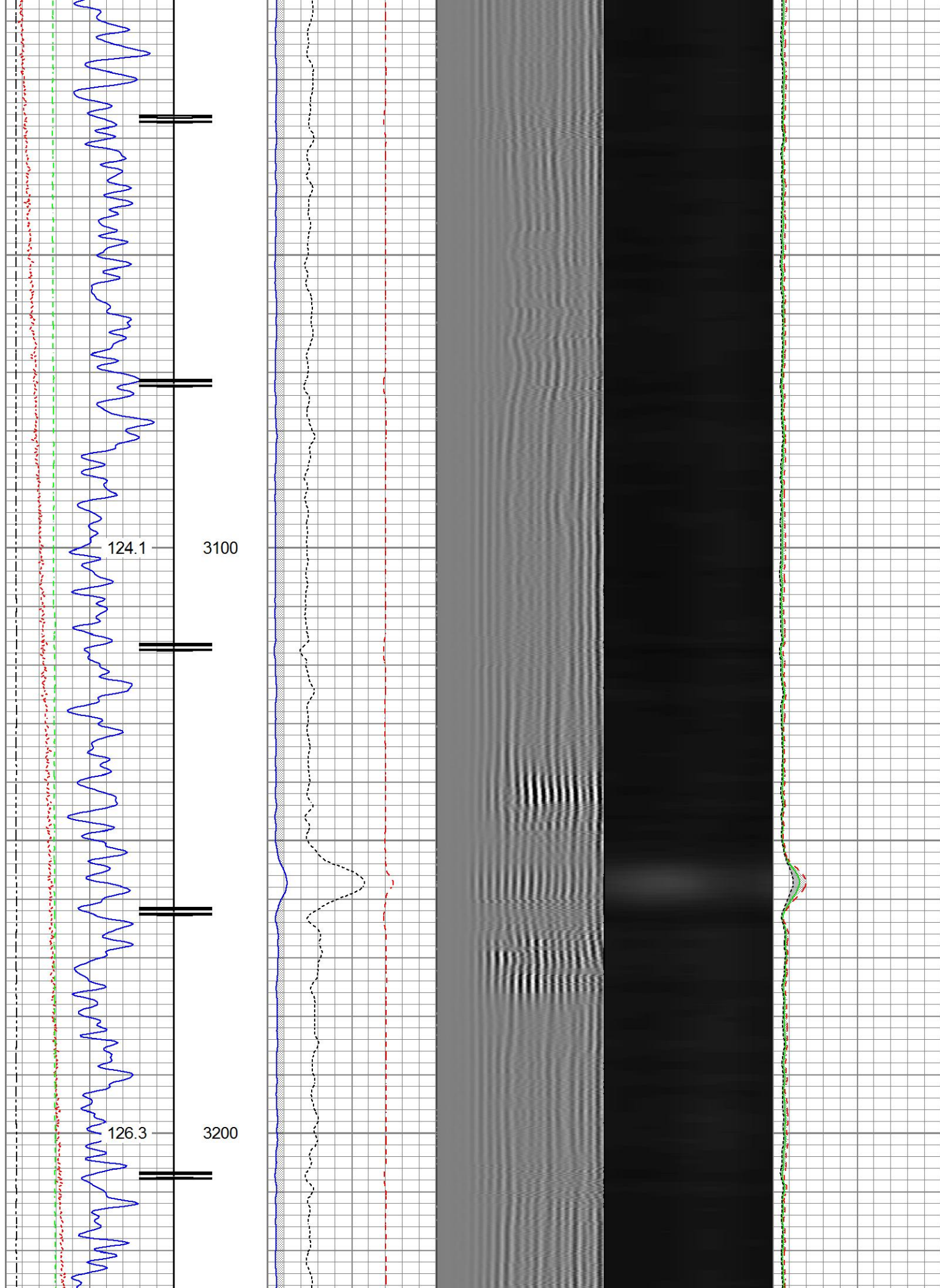


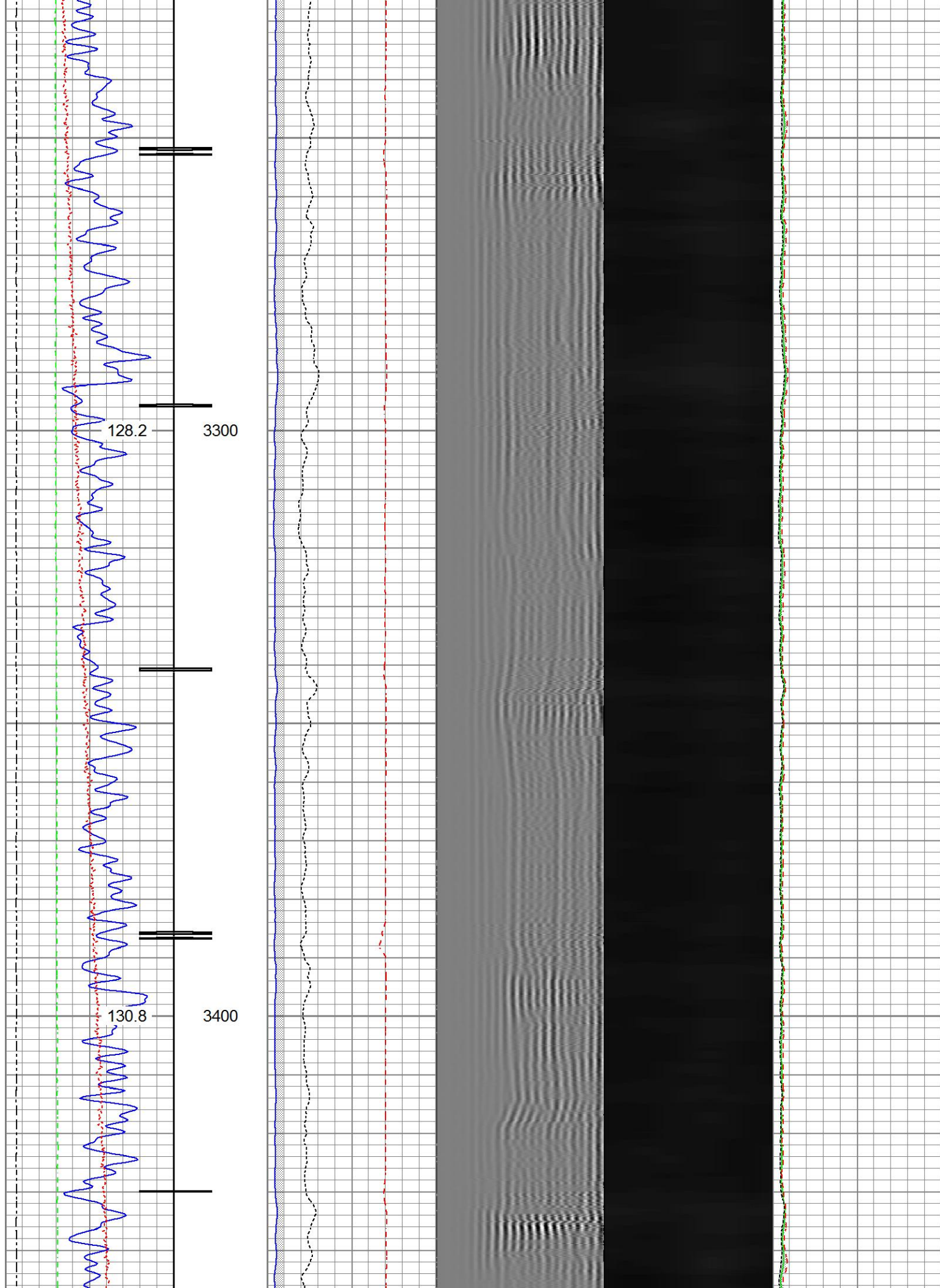


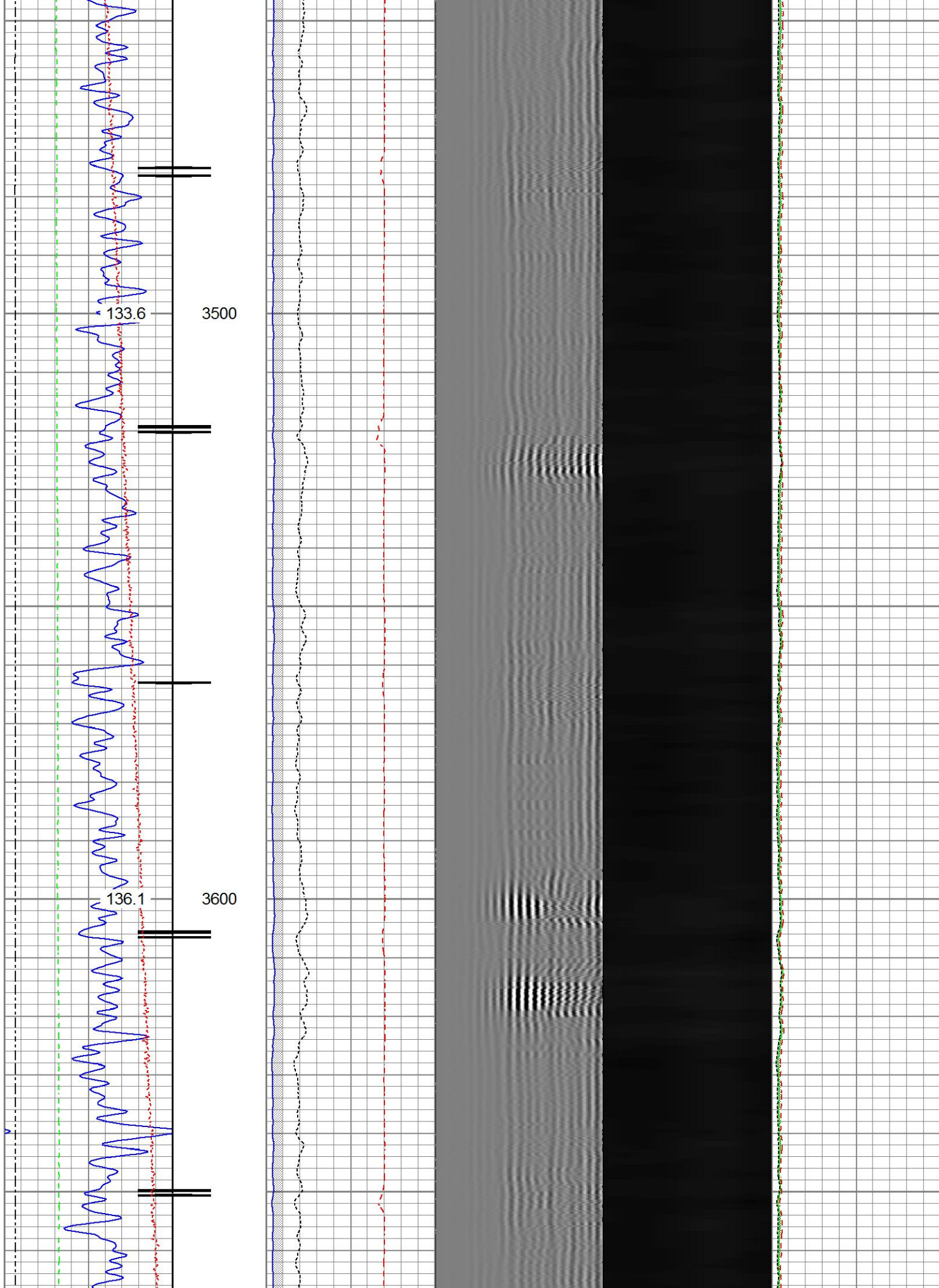


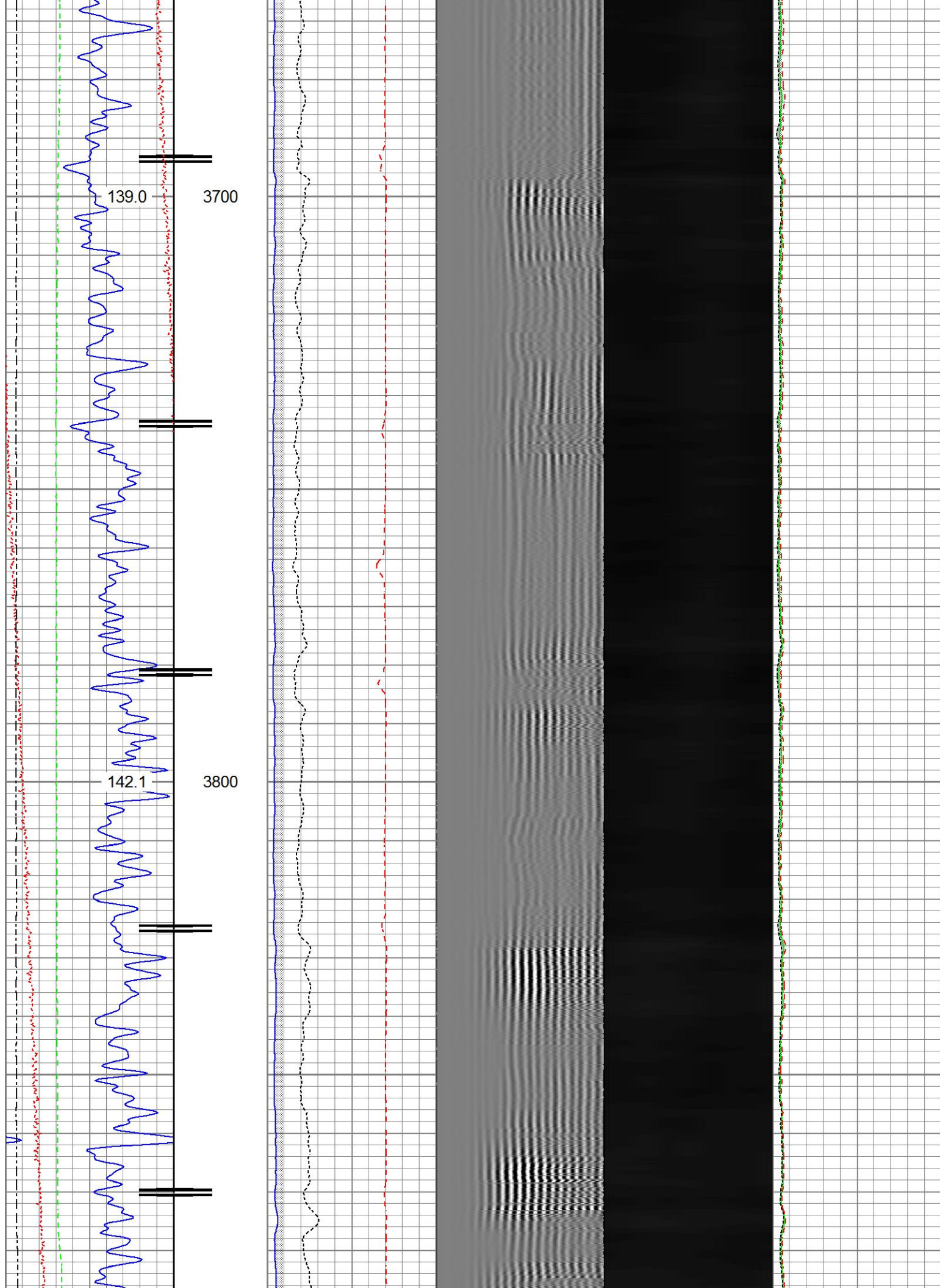


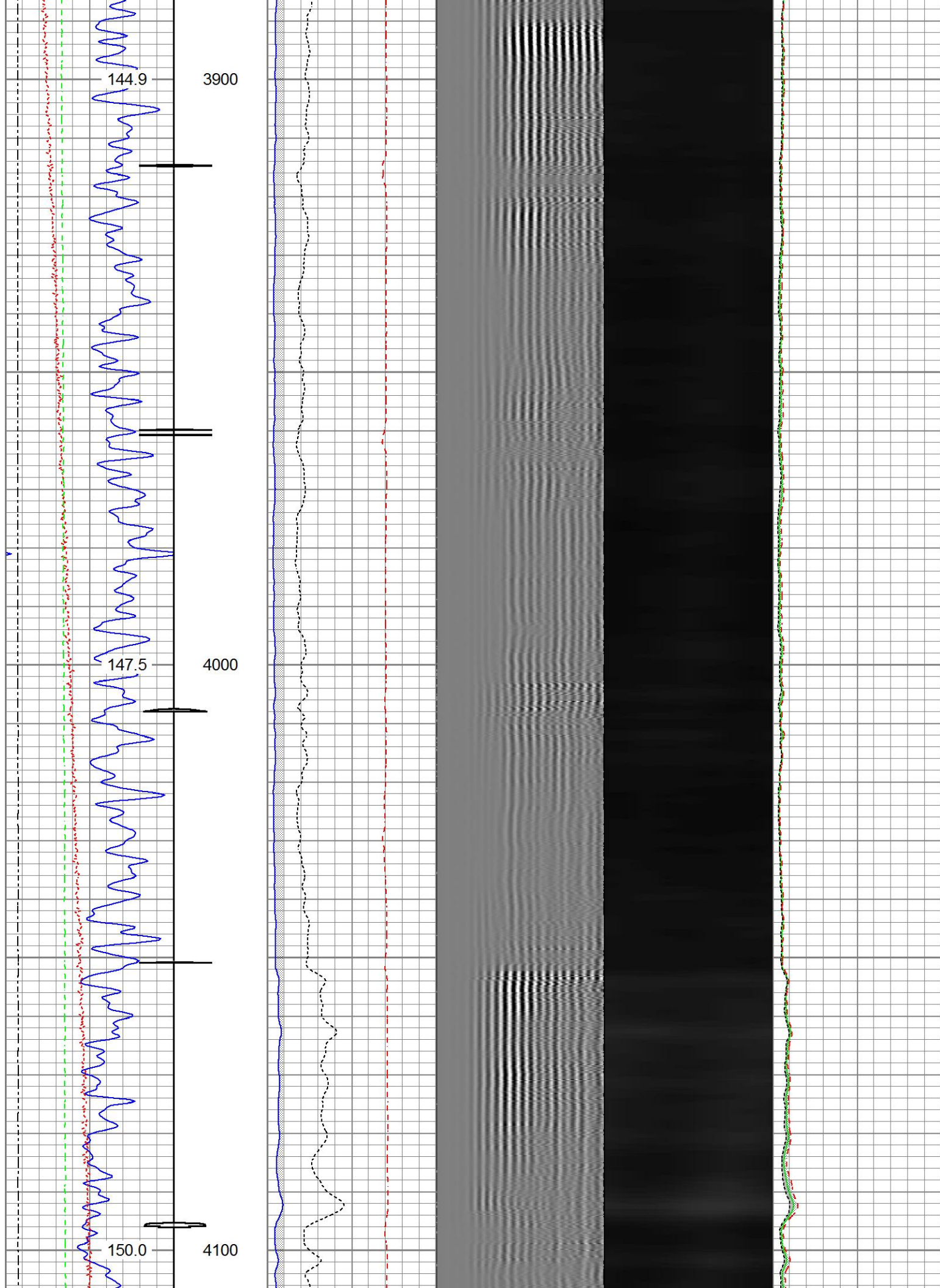


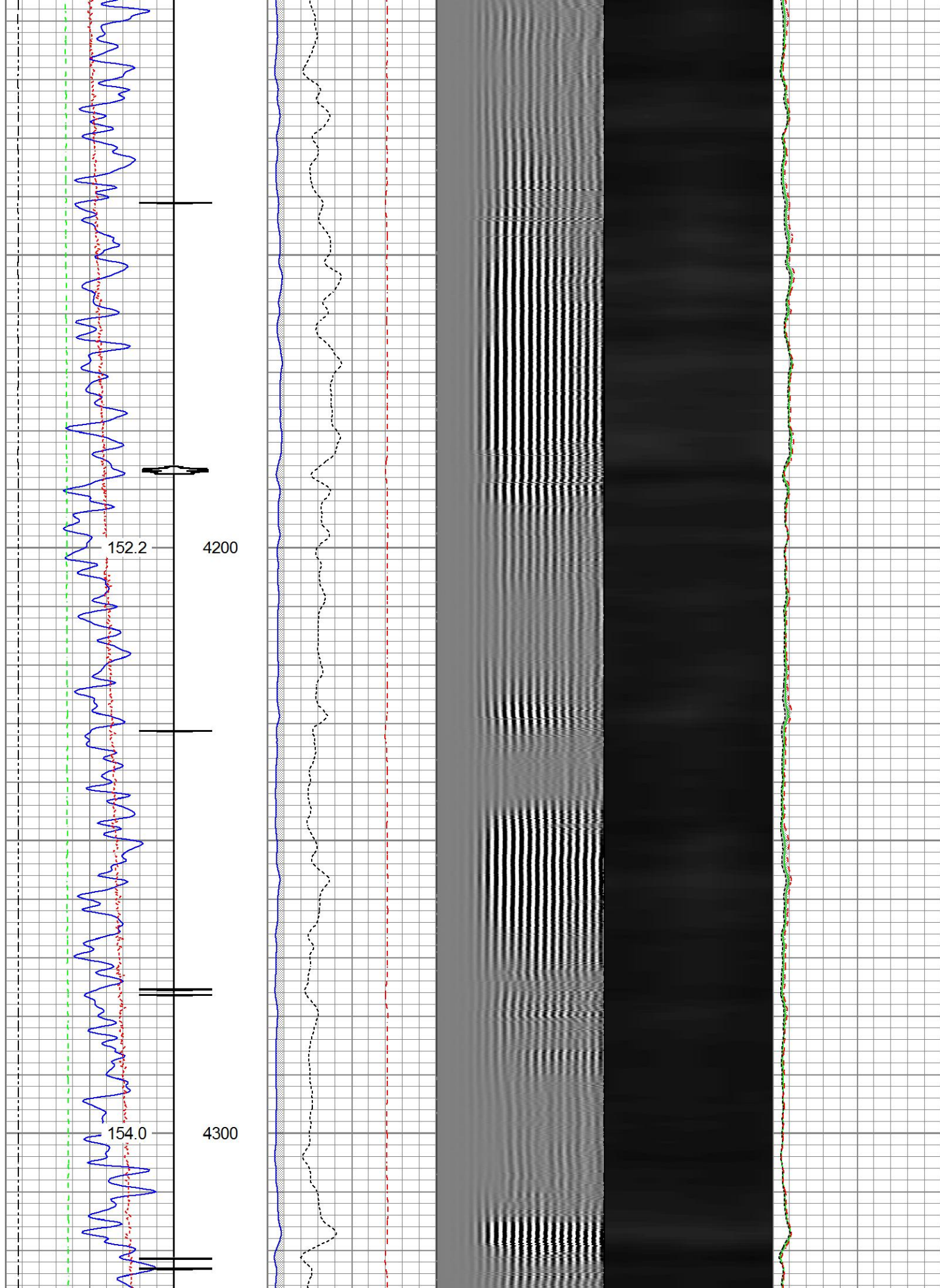


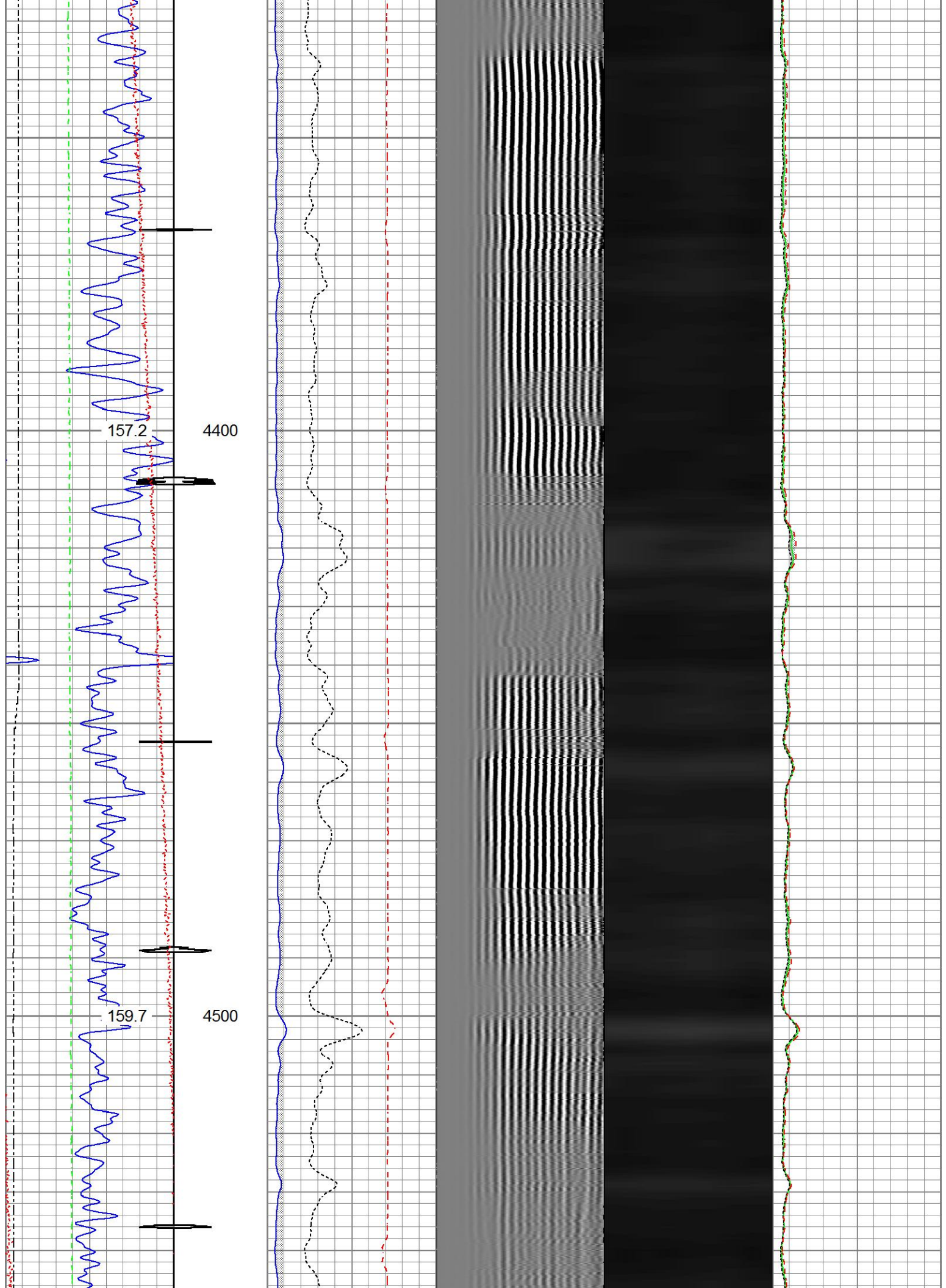


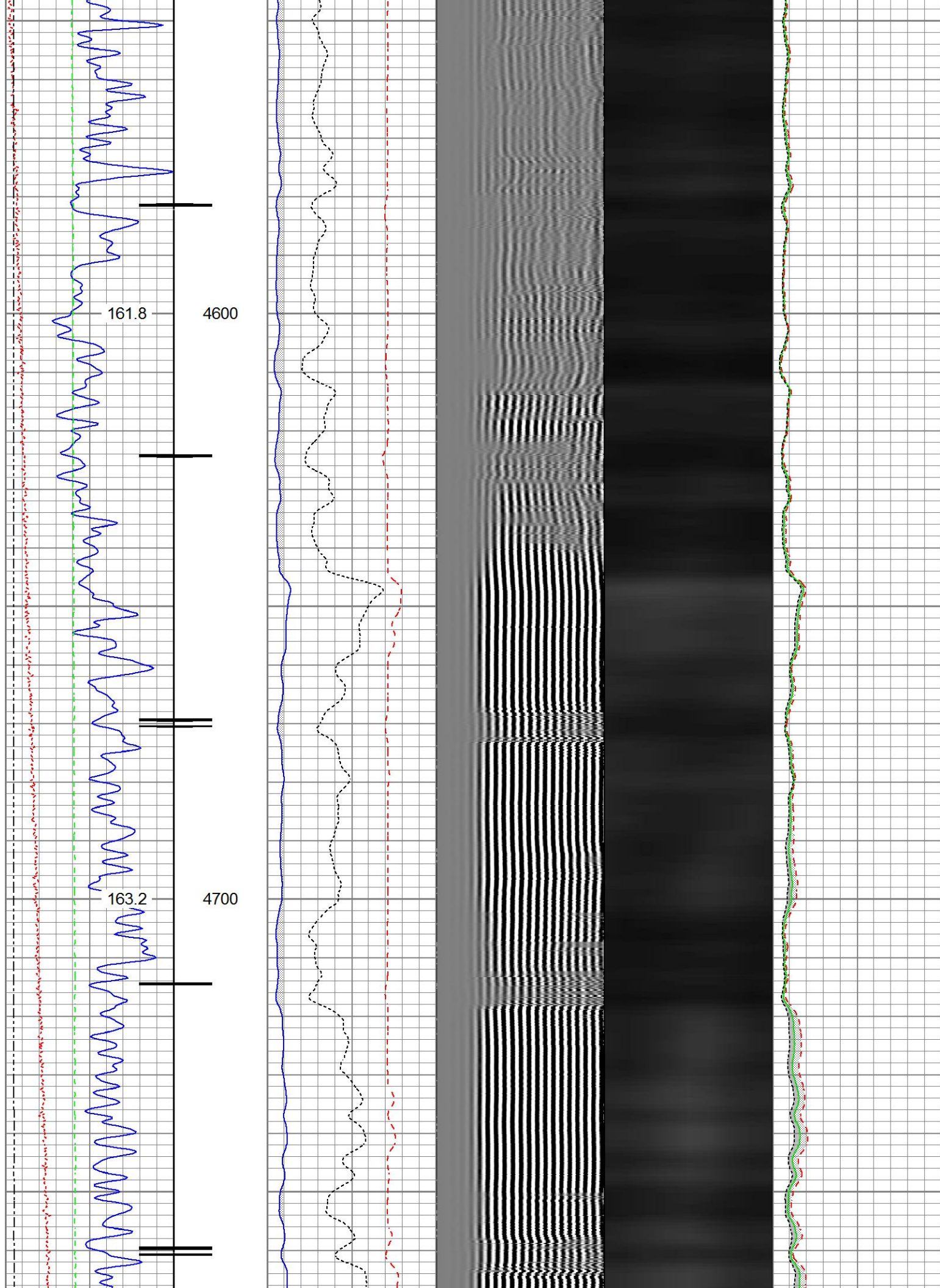


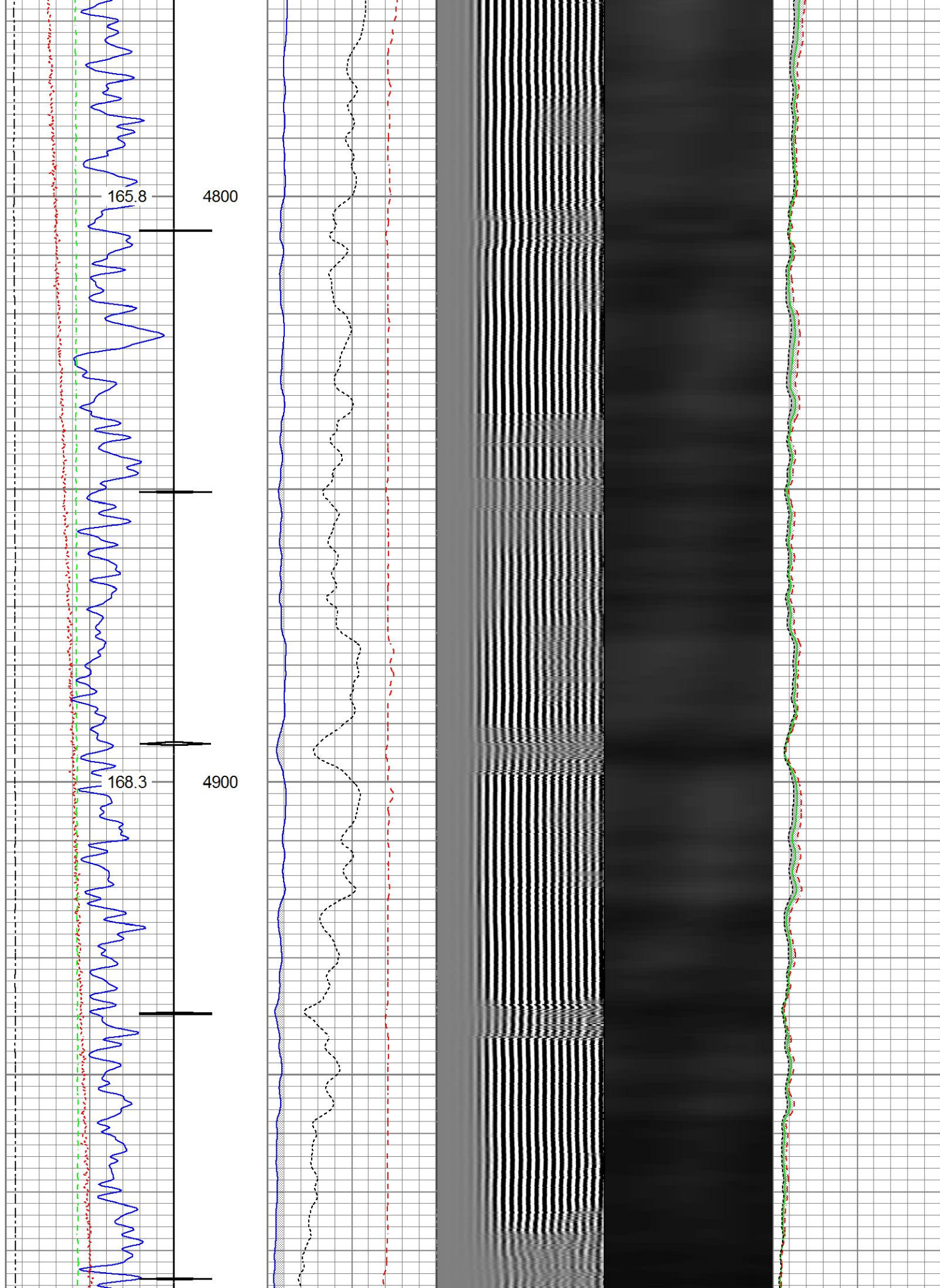


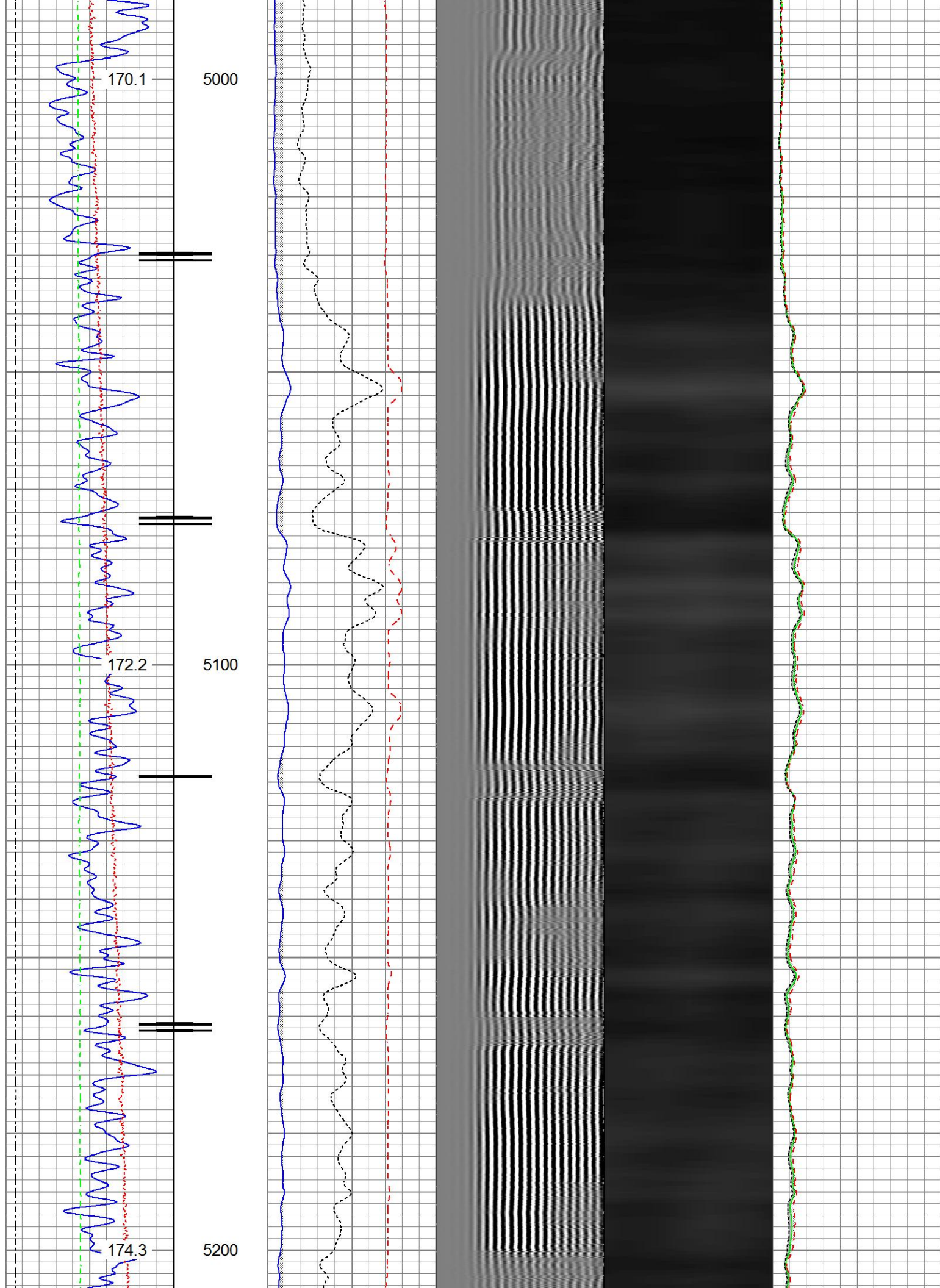


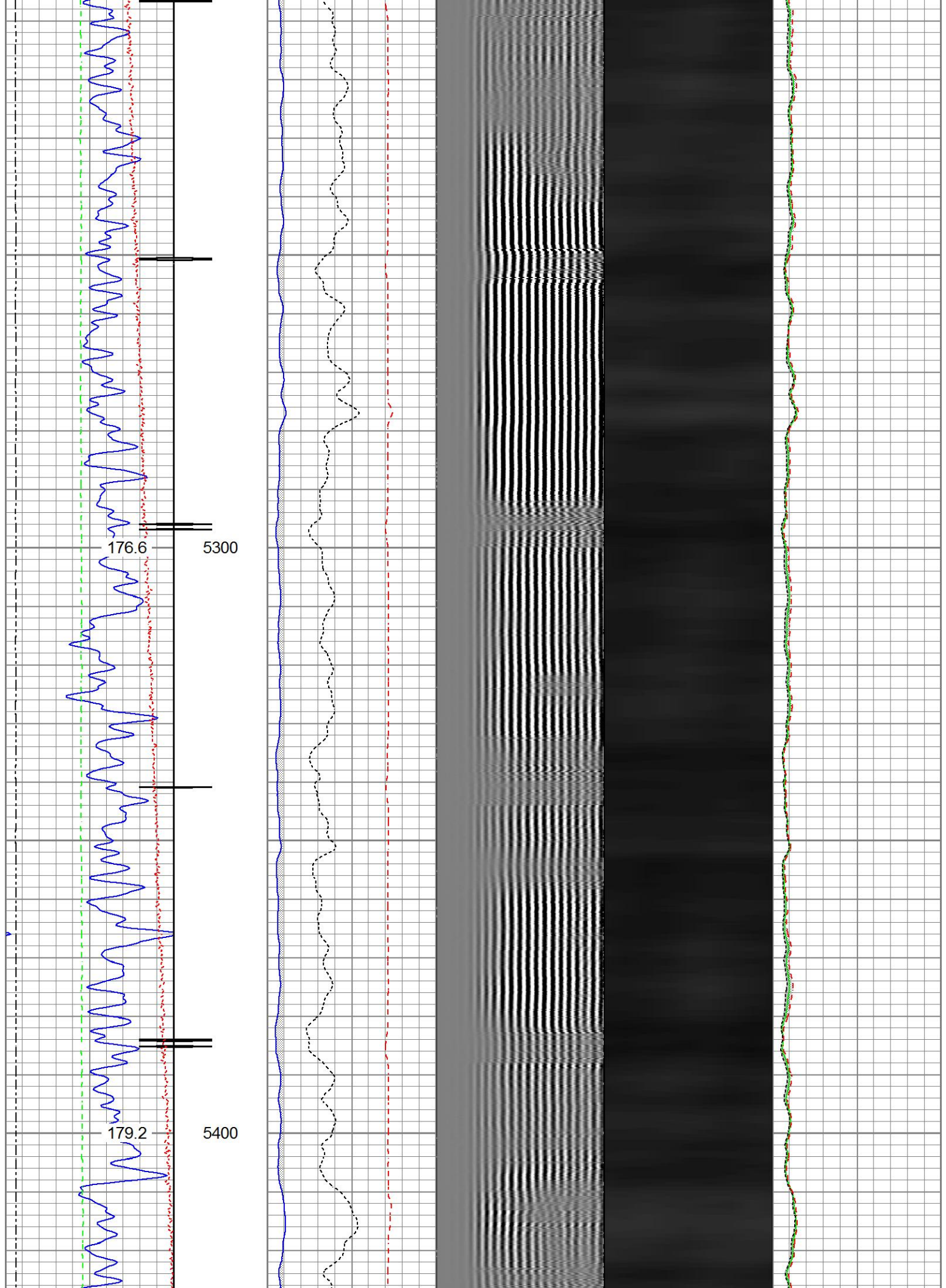


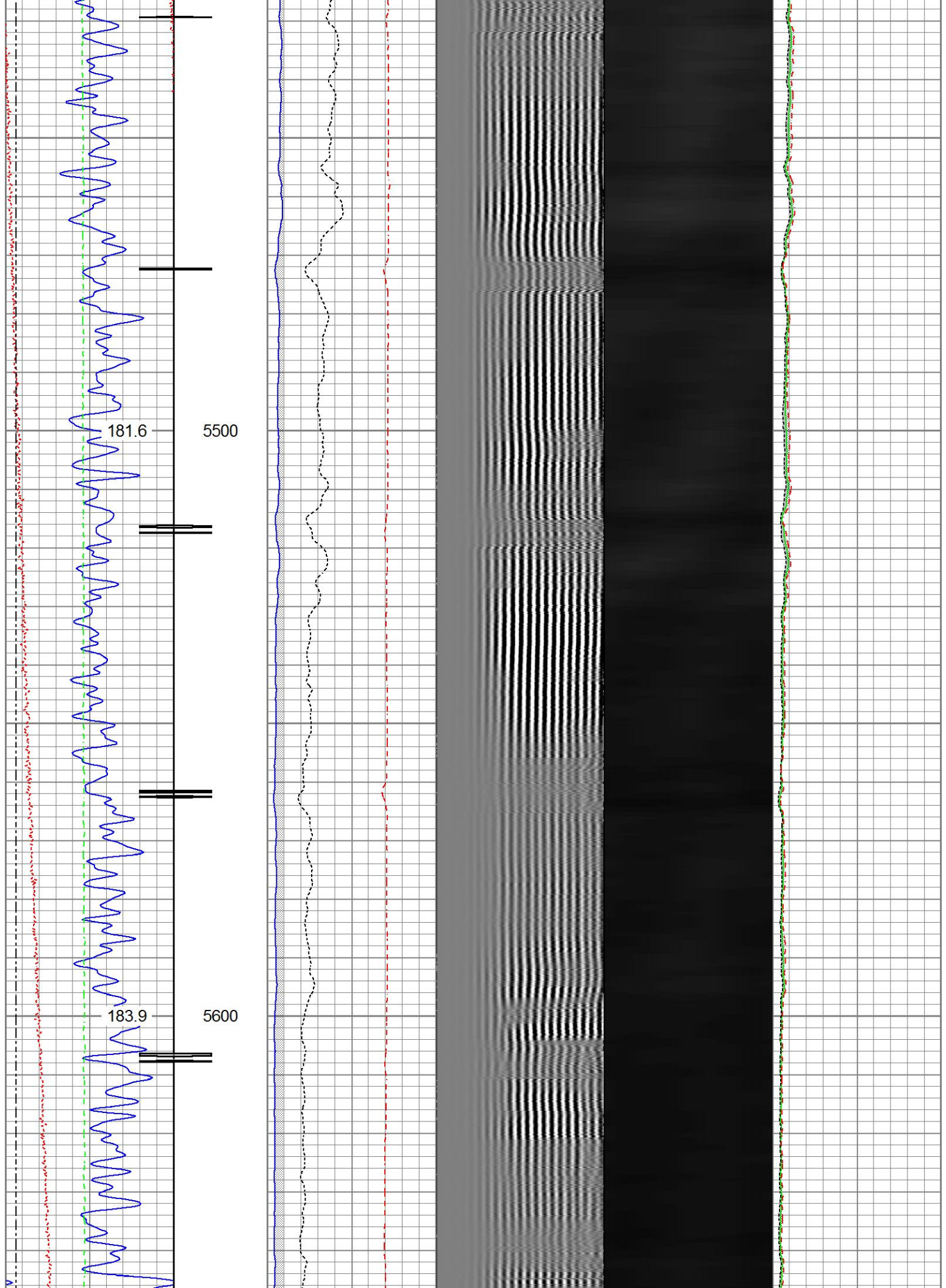


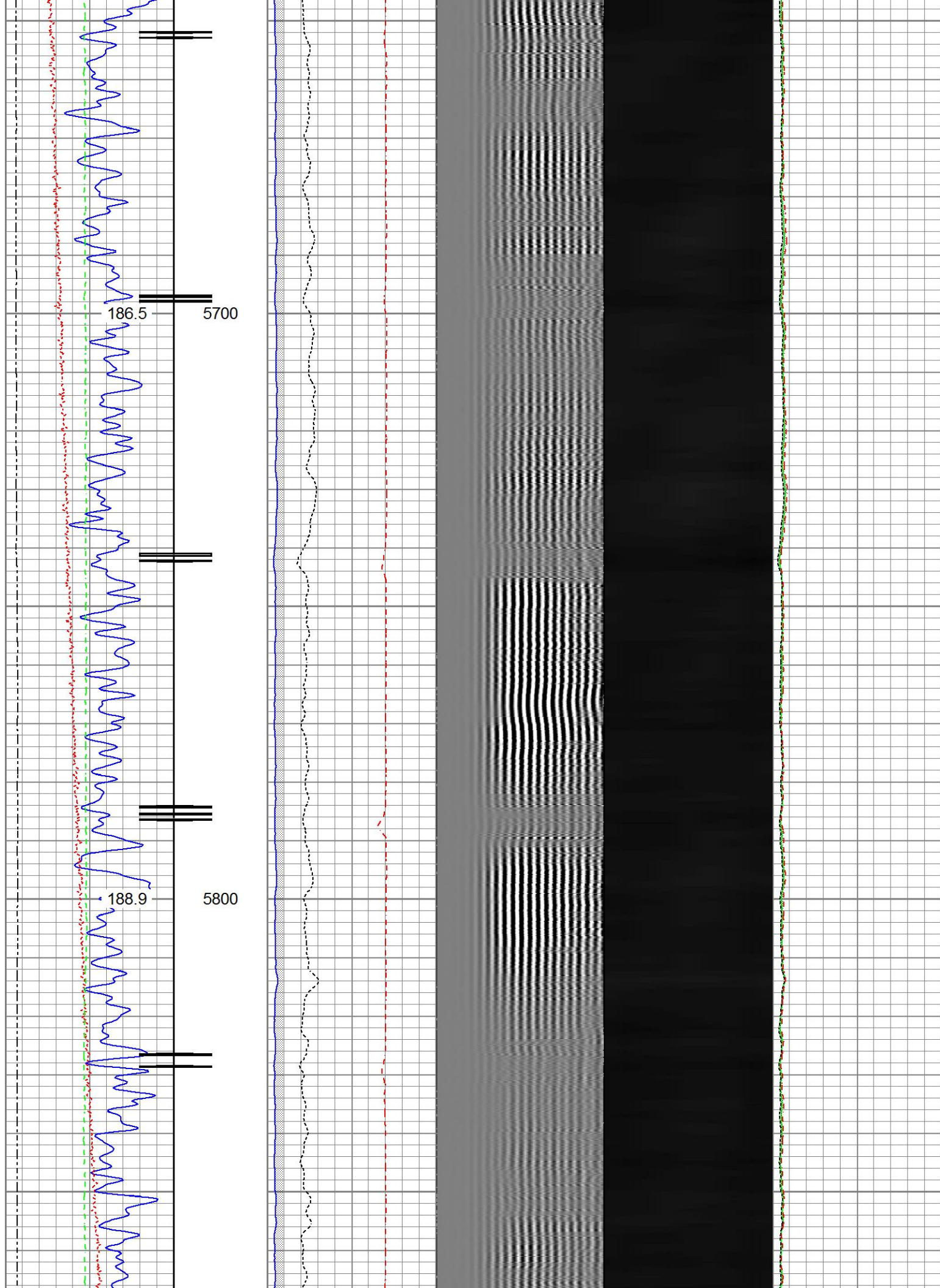


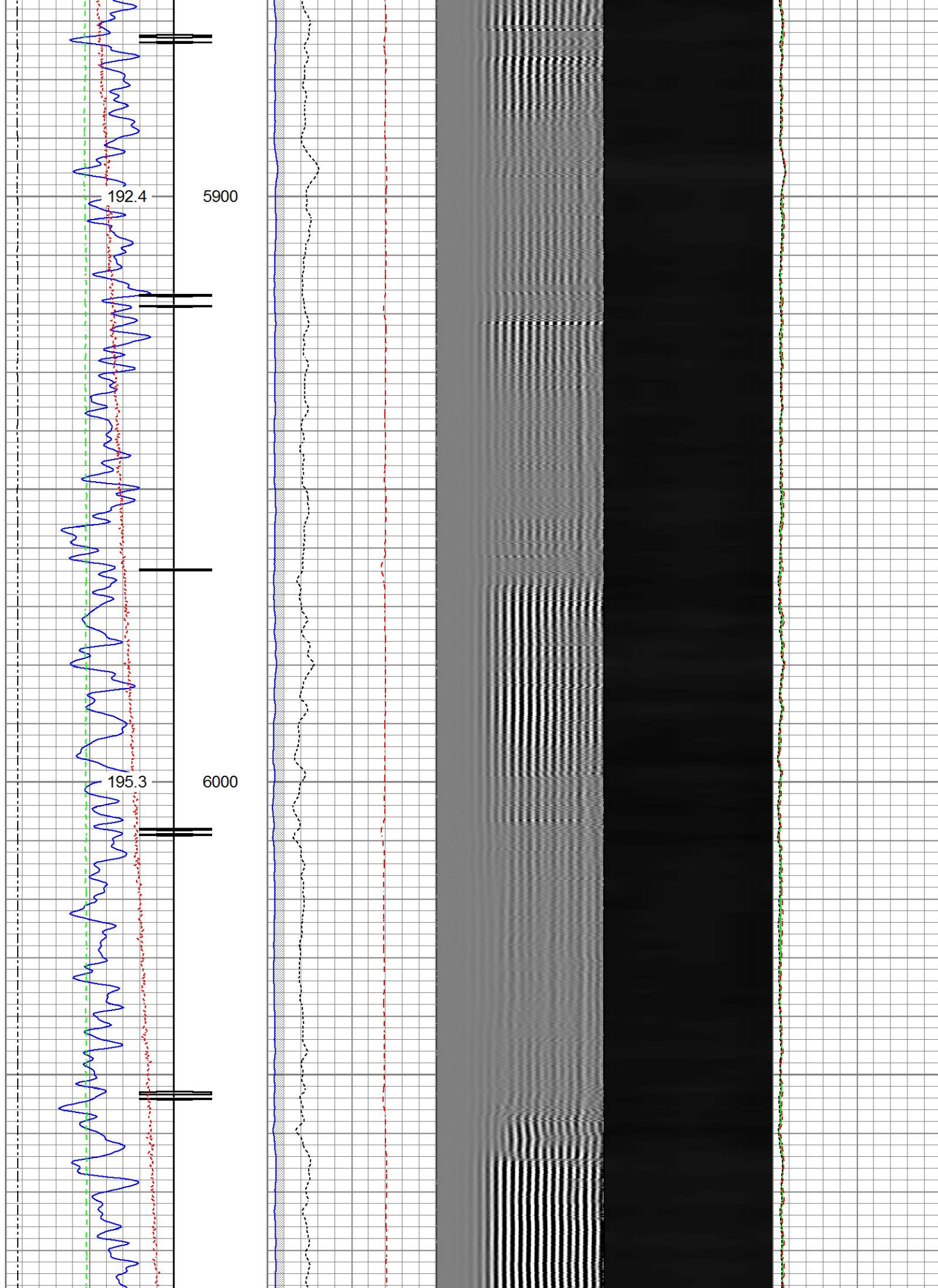


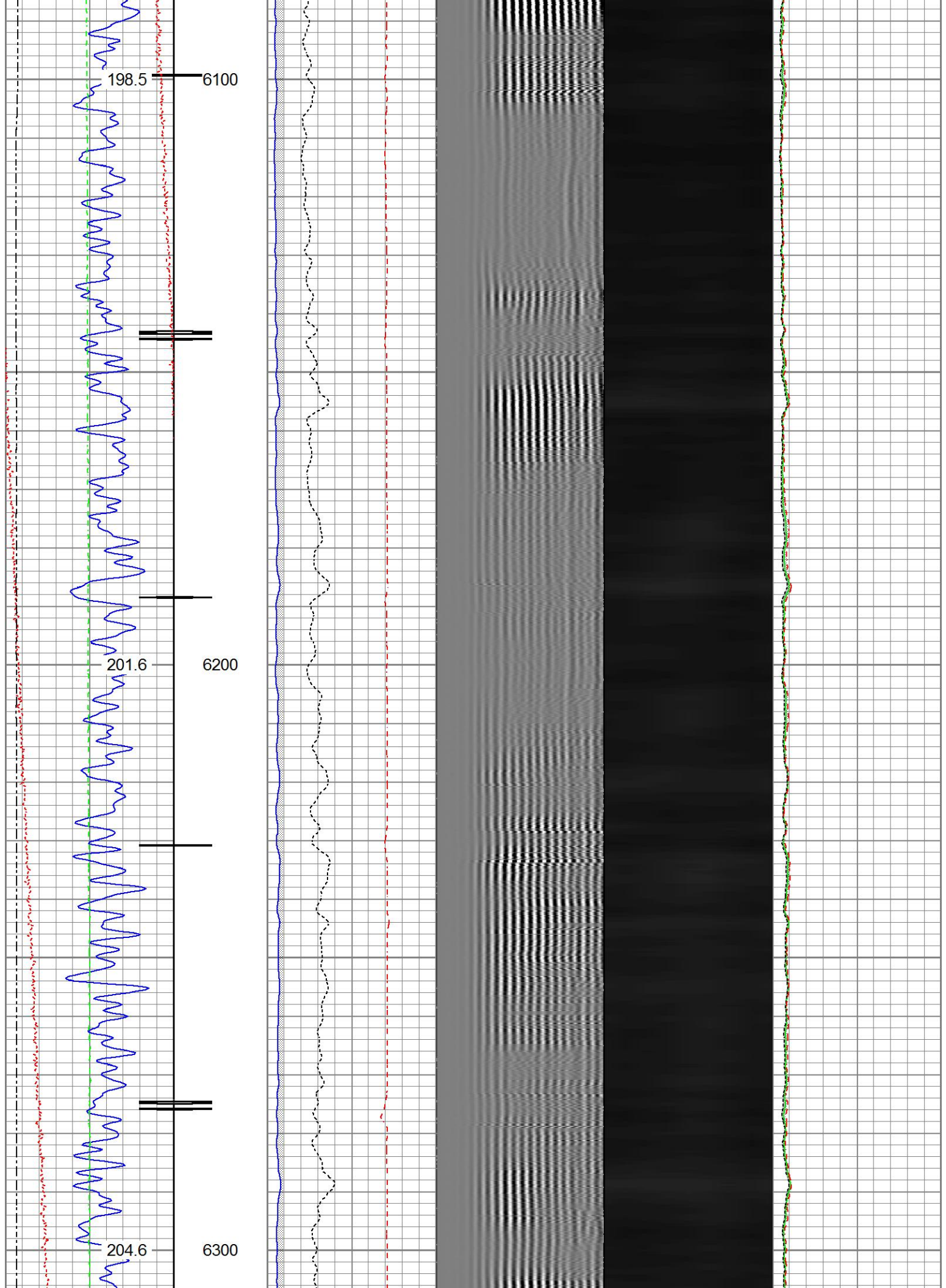


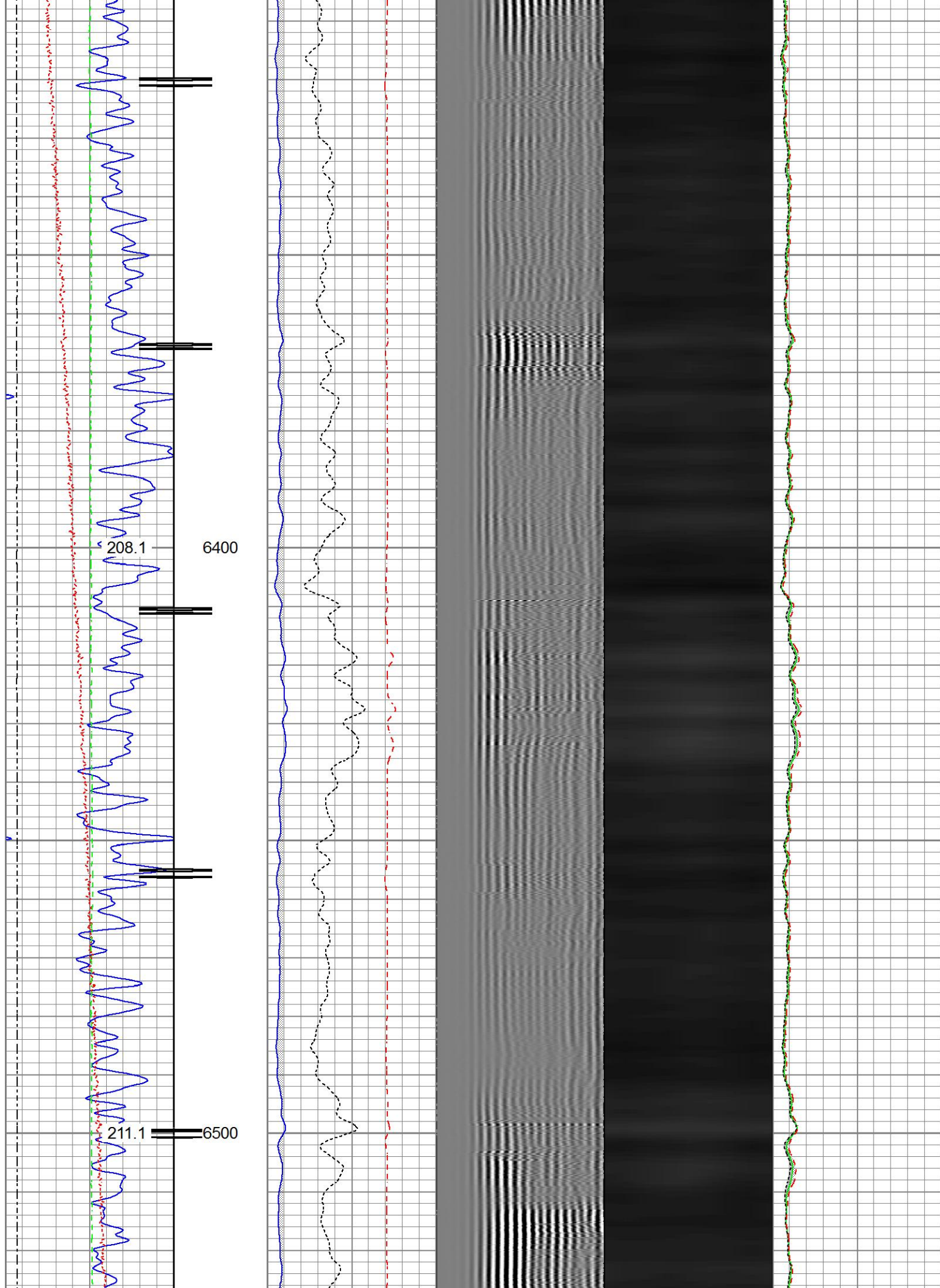


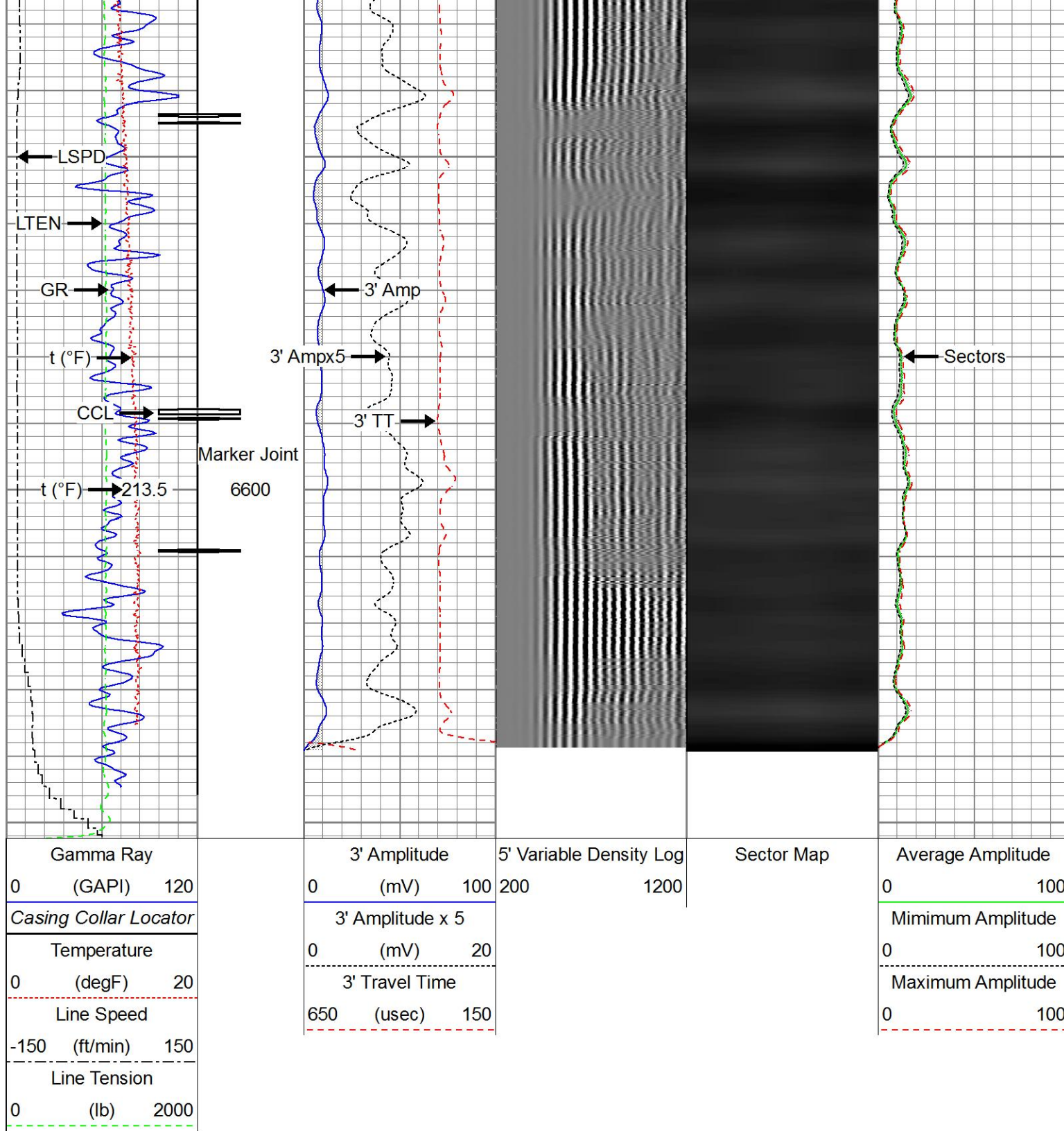












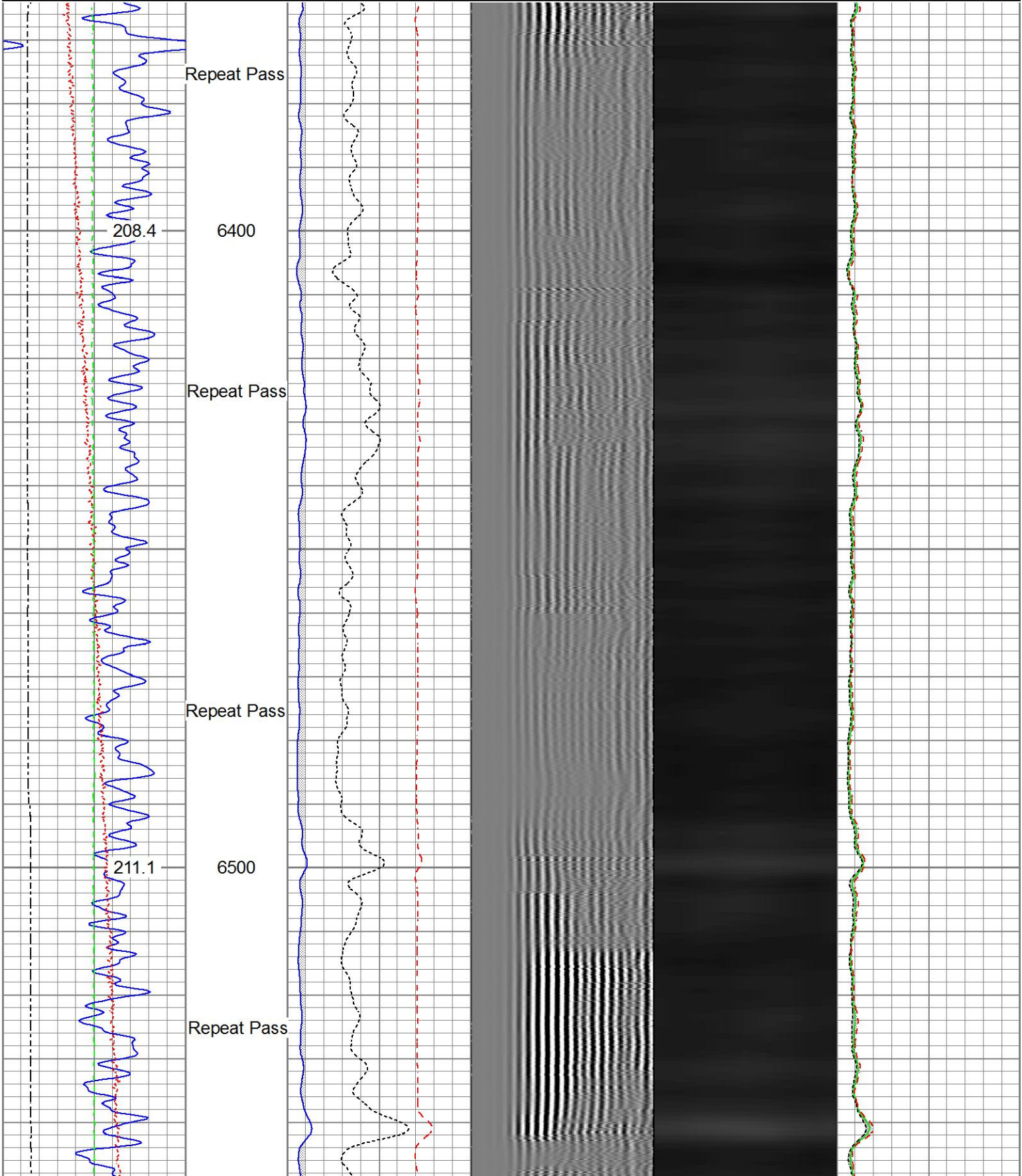
Repeat Pass

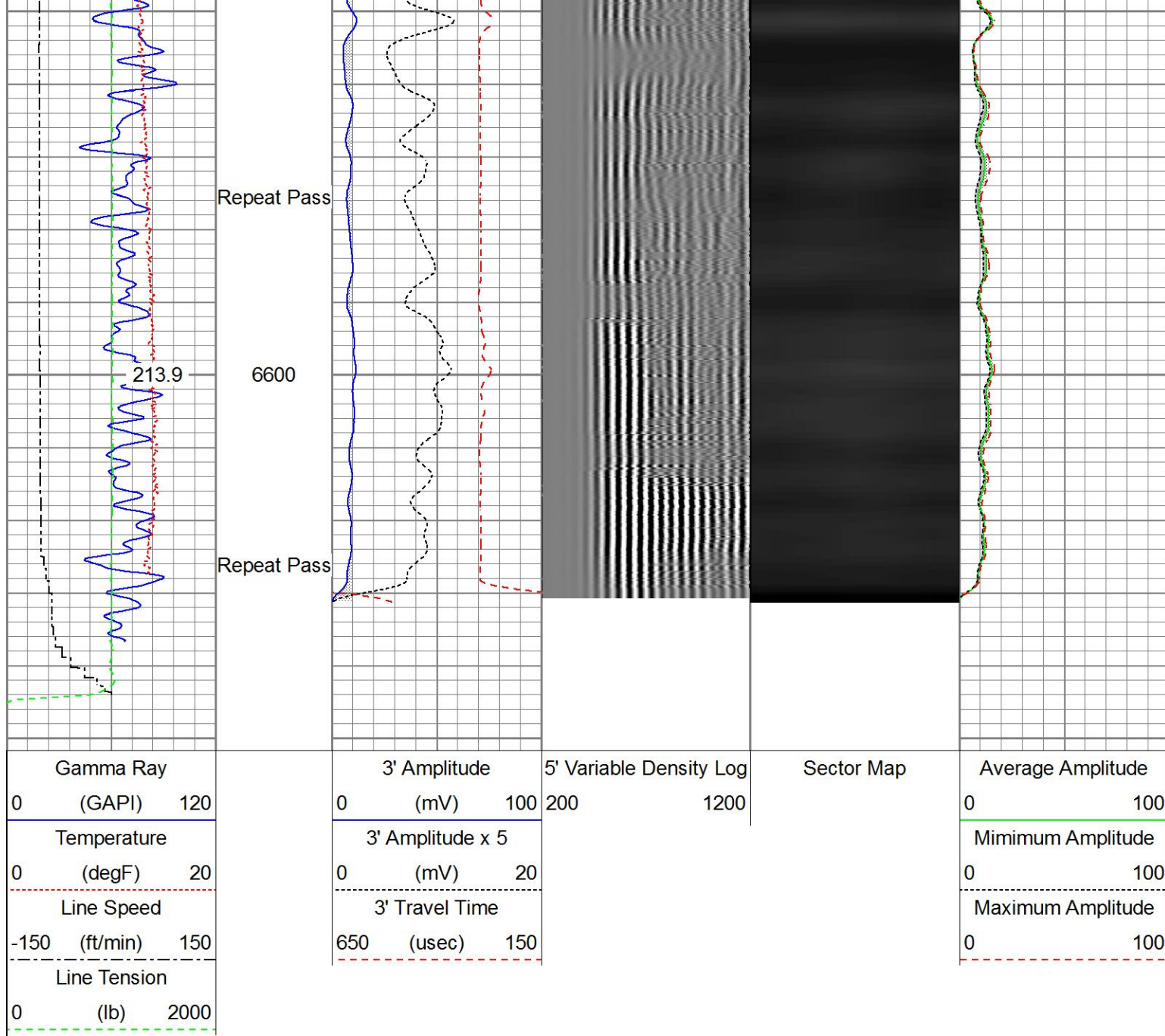
Recorded With 2800 PSI Surface Induced Pressure


Database File: anadarko_butterball 40n-33hz\0512344521_anadarko_butterball 40n-33hz_rbl_08-05-17.db
 Dataset Pathname: pass3
 Presentation Format: ros_radrii
 Dataset Creation: Sat Aug 05 08:11:18 2017
 Charted by: Depth in Feet scaled 1:240

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





Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
HeadVolt	19.51		Titan_Electric_Cable_Heads-Titan_1-11/161.03 Electric Cable Head with 1" Fishing Neck	EE2.88.275	1.69	5.40
			Probe_ELine_BowSpring_Centralizer-P Probe 2-3/4" Electric Inline Bowspring Centralizer	EE2.88.275	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	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 Probe 2-3/4" Electric Inline Bowspring Centralizer	EE2.88,275	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
<div>Dataset: 0512344521_Anadarko_Butterball 40N-33HZ_RBL_08-05-17.db: field/well/run1/pass6</div> <div>Total length: 23.40 ft</div> <div>Total weight: 225.40 lb</div> <div>O.D.: 2.75 in</div>						

Calibration Report		
Database File	D:\Warrior\Data\Anadarko_Butterball 40N-33HZ\0512344521_Anadarko_Butterball 40N-33HZ_RBL_08-05-17	
Dataset Pathname	pass6	
Dataset Creation	Sat Aug 05 08:18:14 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: 2.162 ft

Master Calibration, performed Sat Aug 05 07:07:54 2017:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.007	0.556	0.800	71.921	129.760	-0.168
CAL	0.603	0.603				
5'	0.011	0.536	0.800	71.921	135.380	-0.623
SUM						
S1	0.006	0.551	0.000	100.000	183.727	-1.162
S2	0.007	0.548	0.000	100.000	184.875	-1.386
S3	0.007	0.542	0.000	100.000	186.861	-1.341
S4	0.008	0.542	0.000	100.000	186.972	-1.406
S5	0.008	0.551	0.000	100.000	184.073	-1.416
S6	0.007	0.556	0.000	100.000	182.267	-1.333
S7	0.007	0.560	0.000	100.000	180.883	-1.354
S8	0.007	0.559	0.000	100.000	181.127	-1.324

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.603	0.603	1.000	0.000

Air Zero Calibration, performed Sat Aug 05 07:08:32 2017:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.007		0.000		0.000	
5'	0.011		0.000		-0.000	
SUM						
S1	0.006		0.000		0.000	
S2	0.007		0.000		0.000	
S3	0.007		0.000		-0.000	
S4	0.008		0.000		-0.000	
S5	0.008		0.000		0.000	
S6	0.007		0.000		-0.000	
S7	0.008		0.000		-0.000	
S8	0.007		0.000		-0.000	



Company Kerr-McGee Oil & Gas Onshore, L.P.
Well Butterball 40N-33HZ
Field Wattenberg
County Weld
State Colorado