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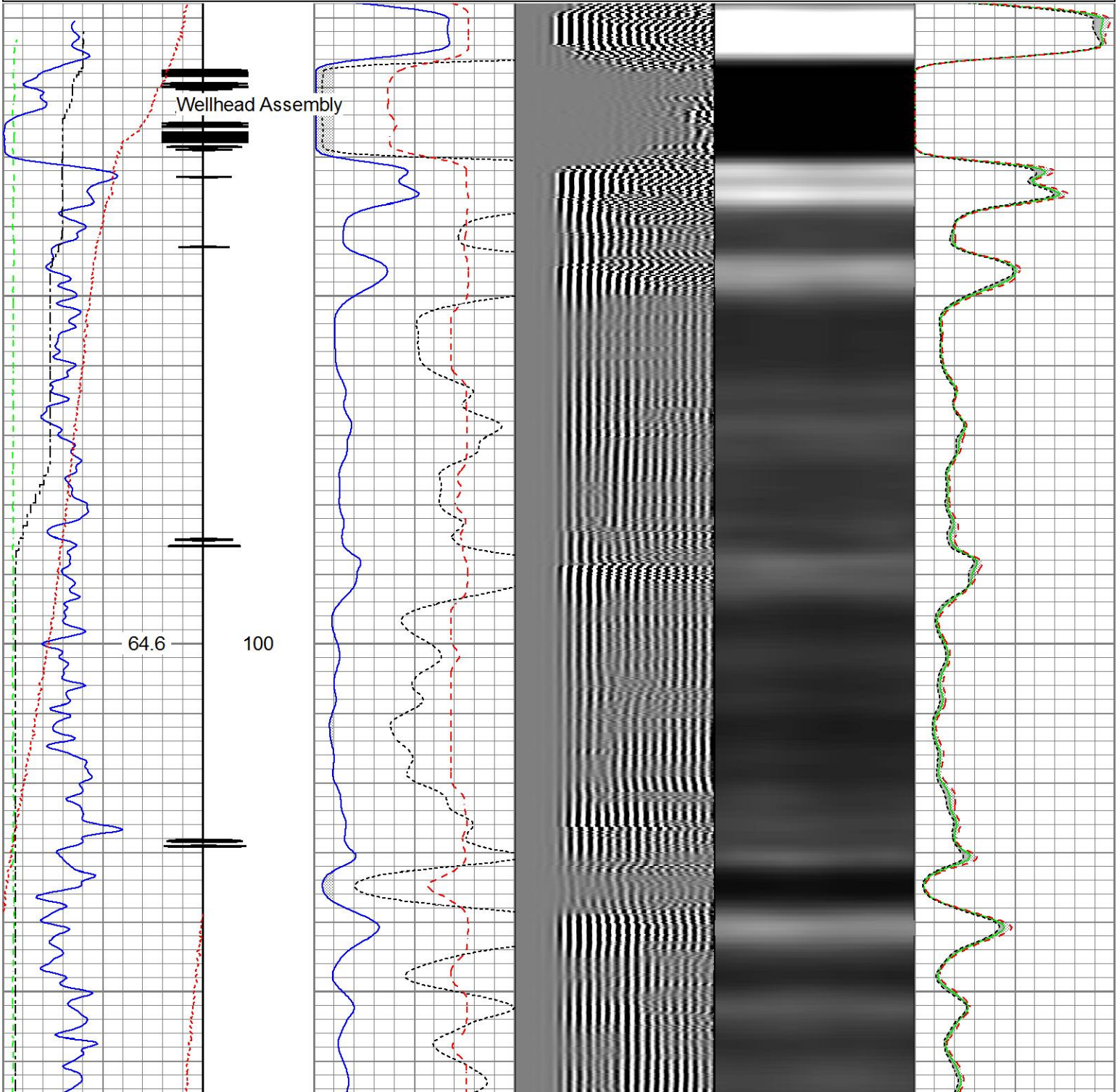
Comments

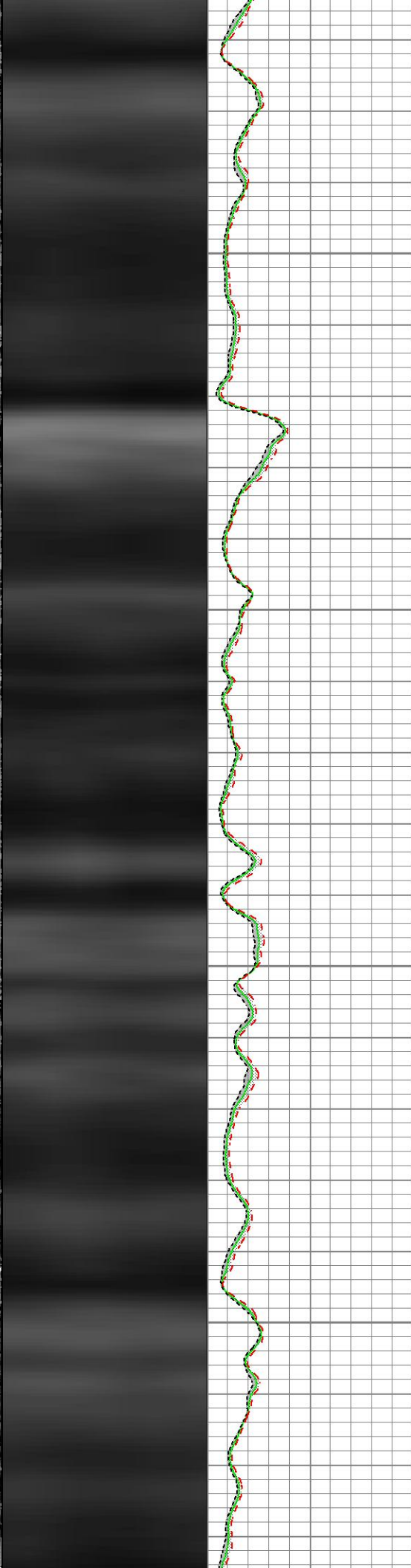
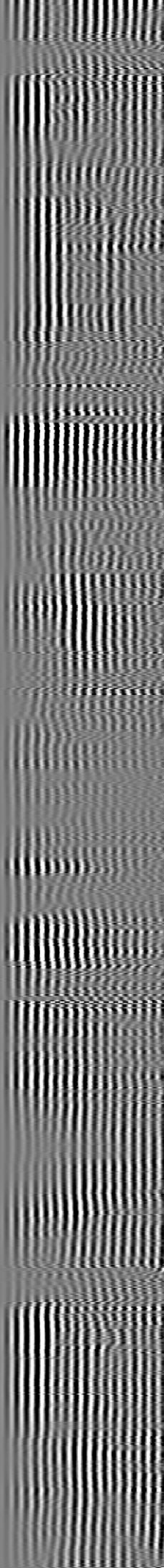
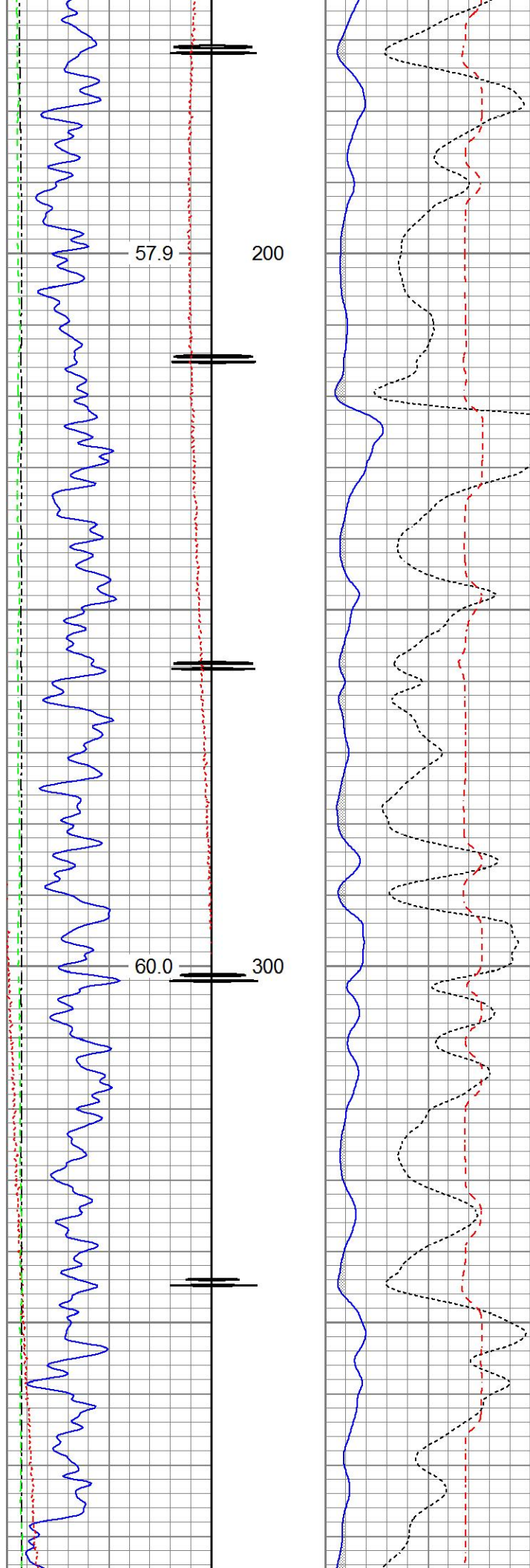


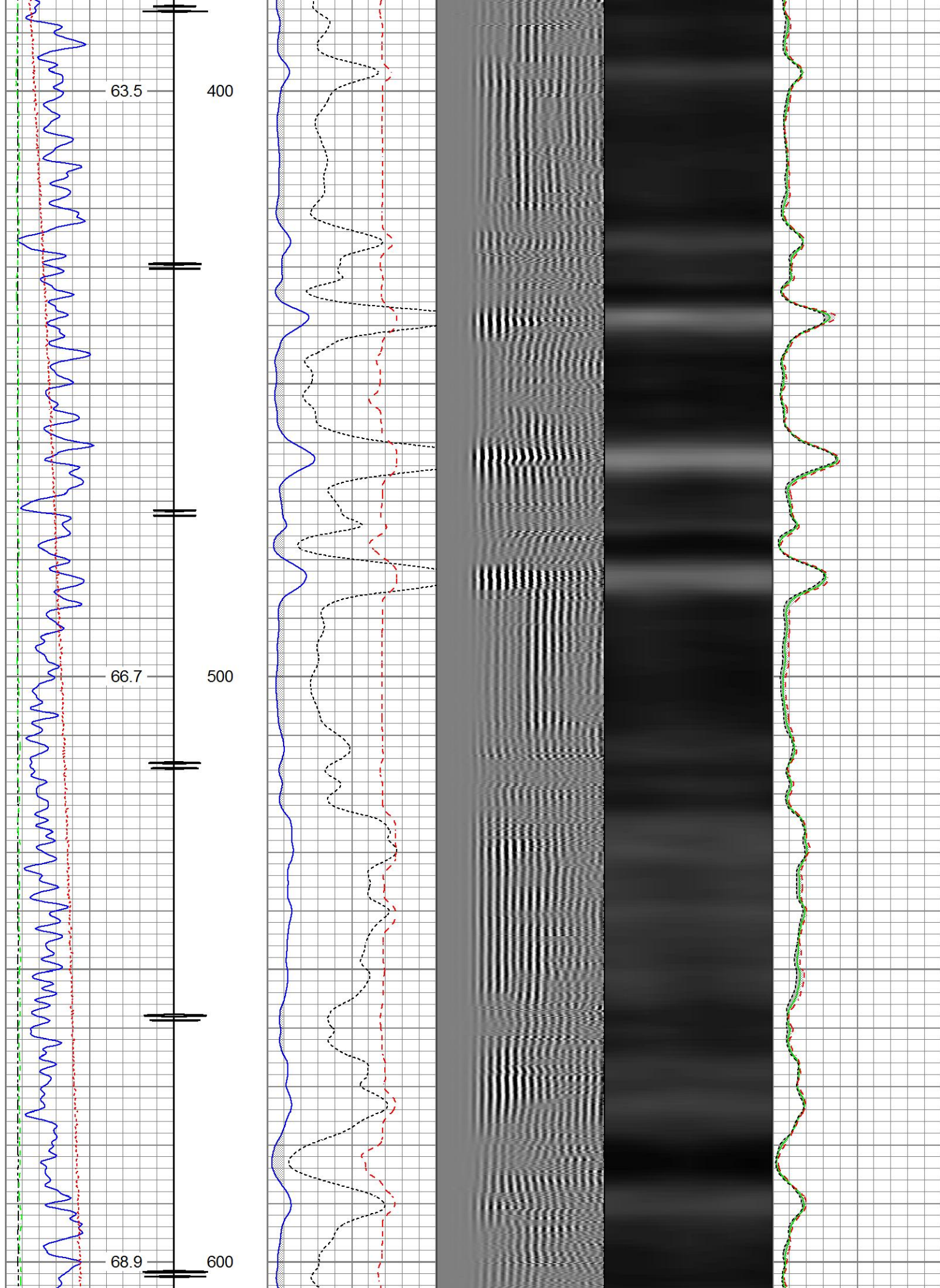
RELIANCE
OILFIELD SERVICES

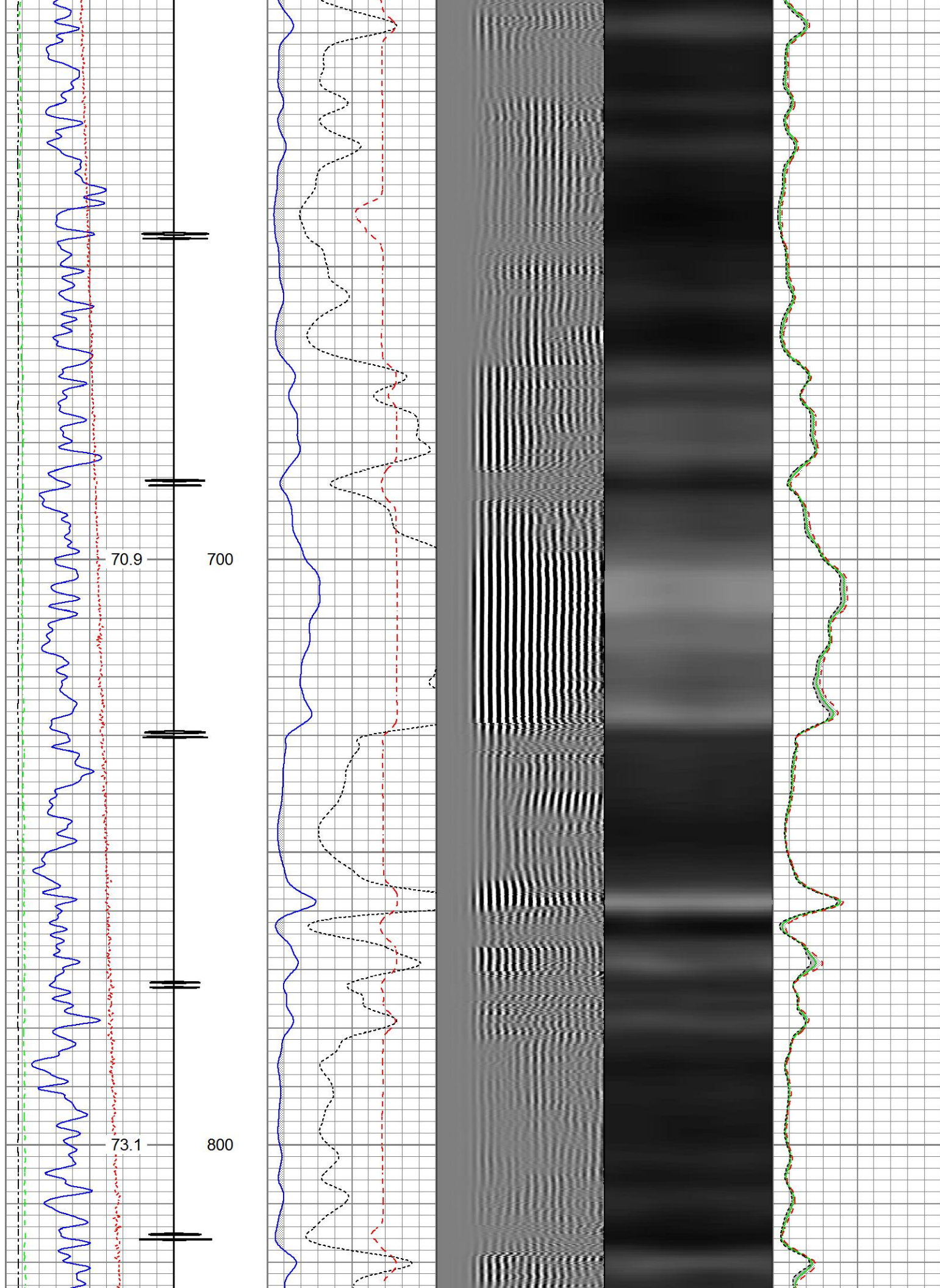
Recorded With 2800 PSI Surface Induced Pressure

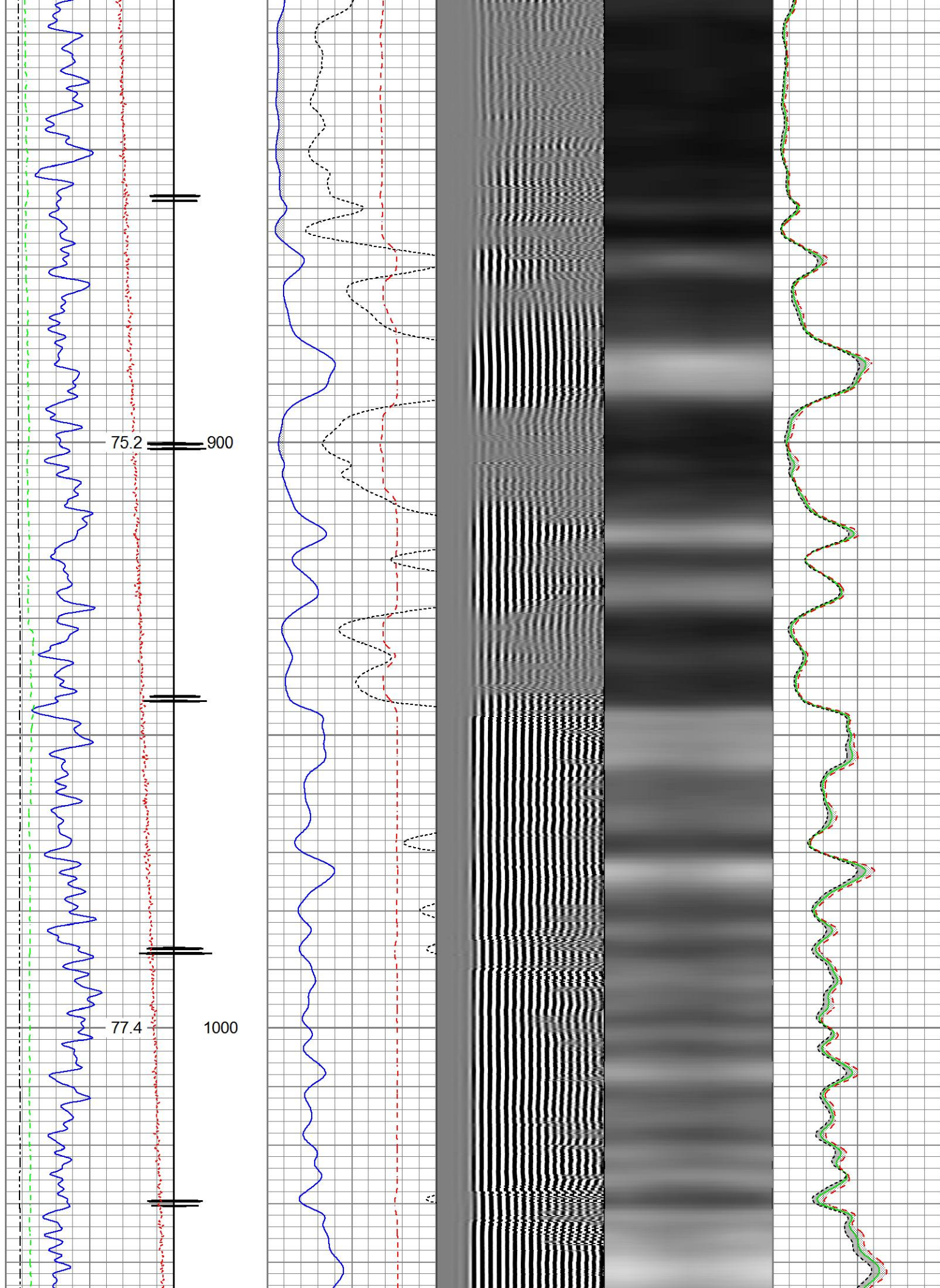
Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 120	0 (mV) 100	200 1200		0 100
Casing Collar Locator	3' Amplitude x 5			Minimum Amplitude
Temperature	0 (mV) 20			0 100
0 (degF) 20	3' Travel Time			Maximum Amplitude
Line Speed	650 (usec) 150			0 100
-150 (ft/min) 150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

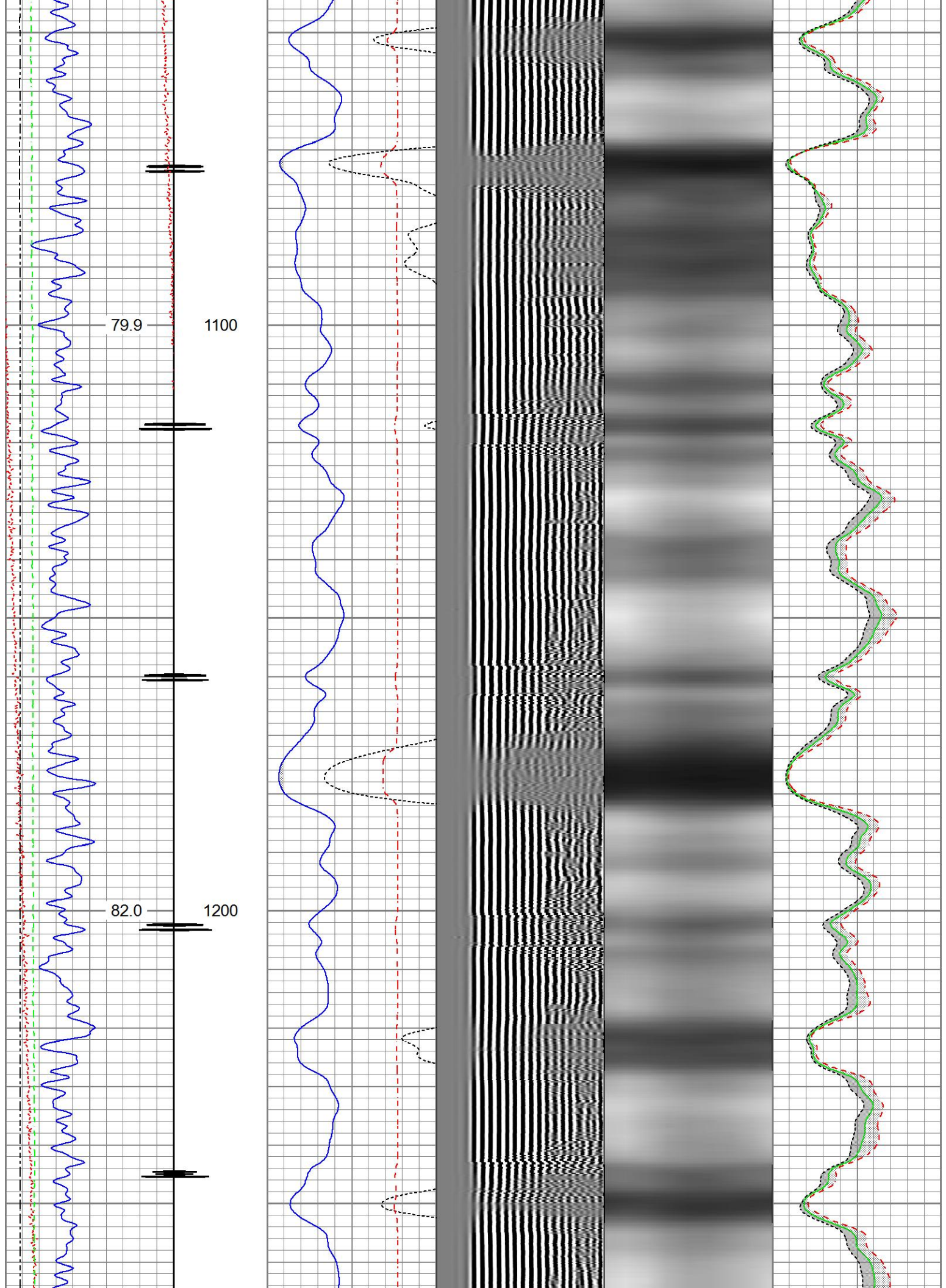


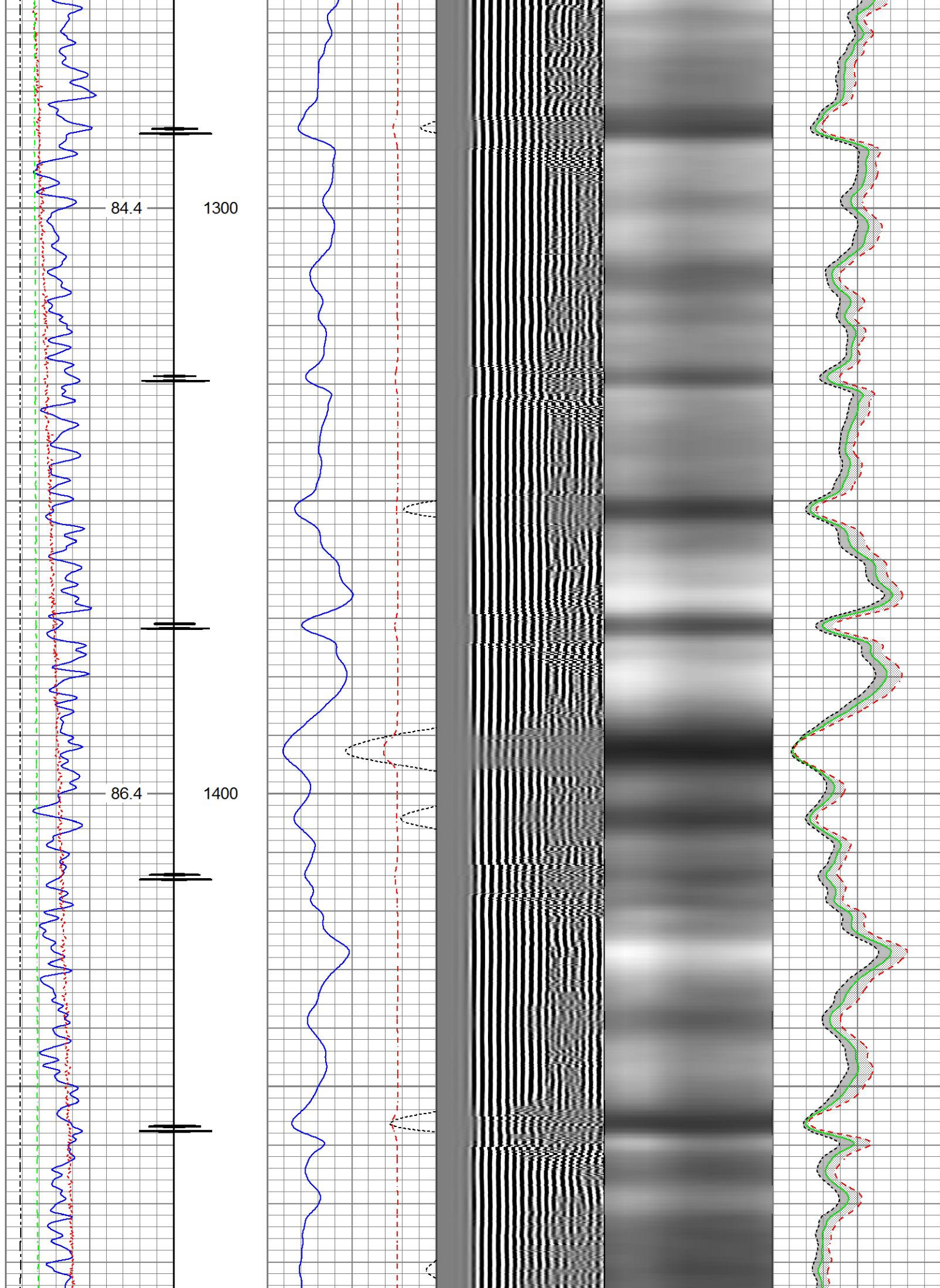


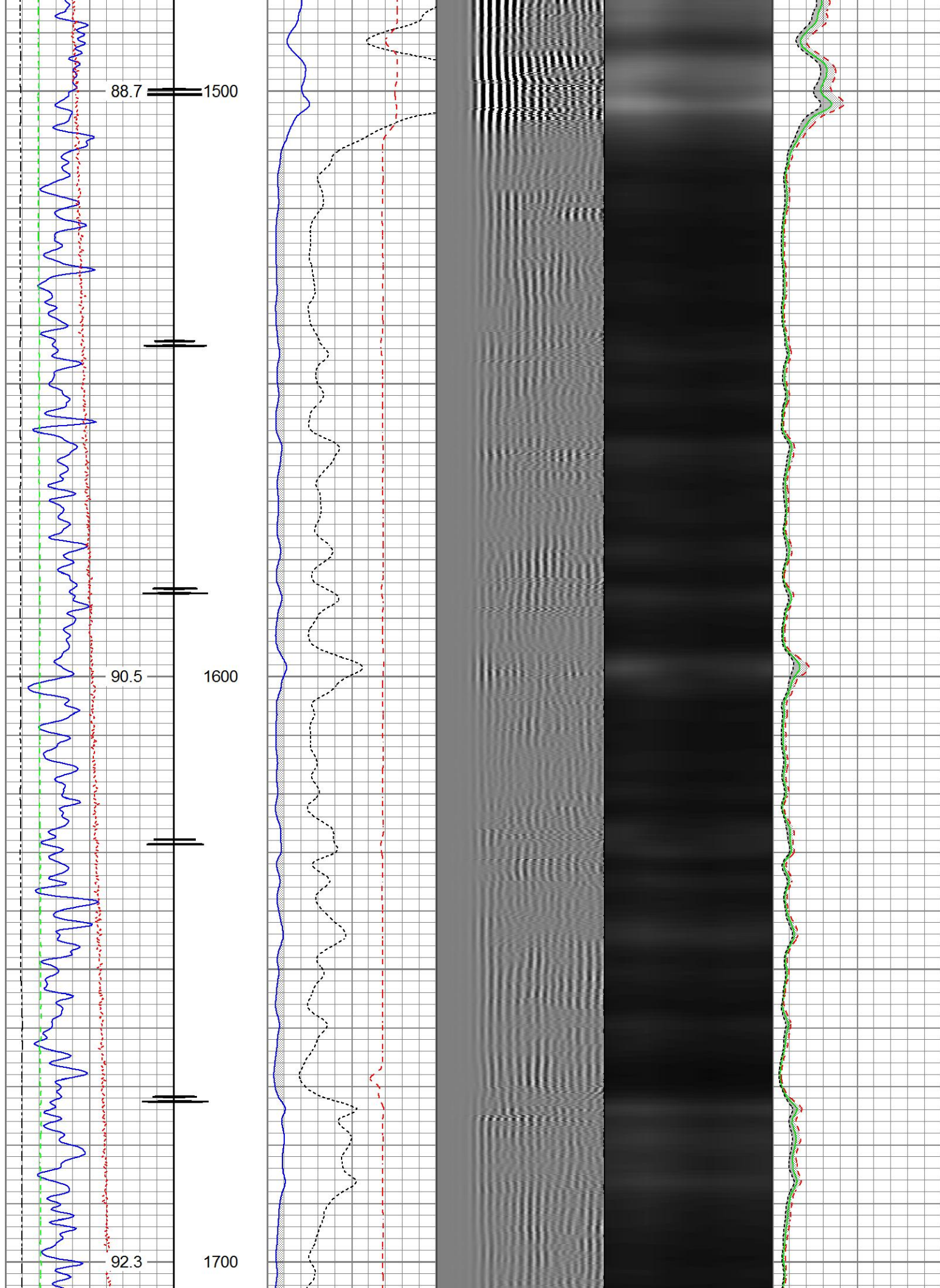


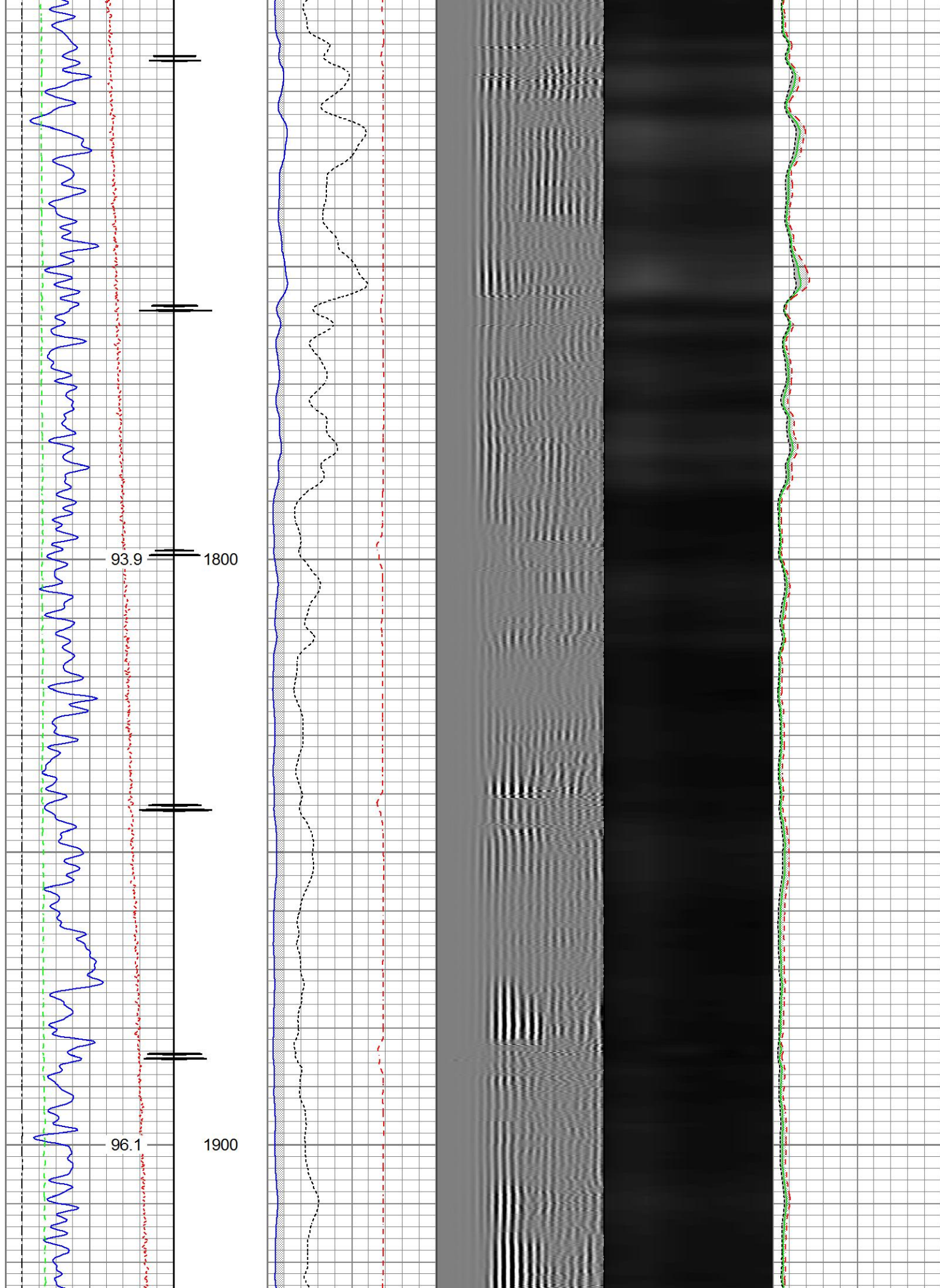


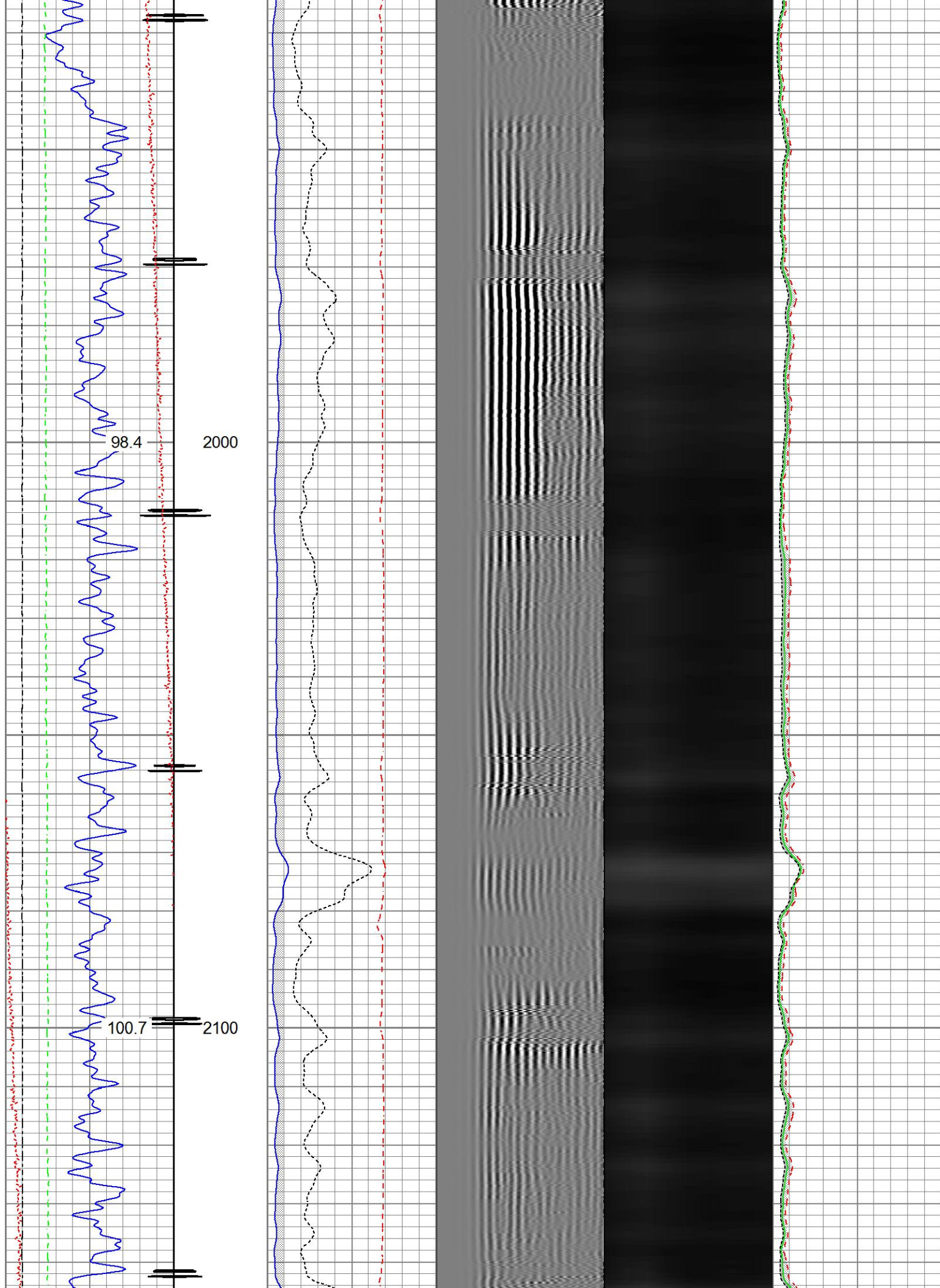


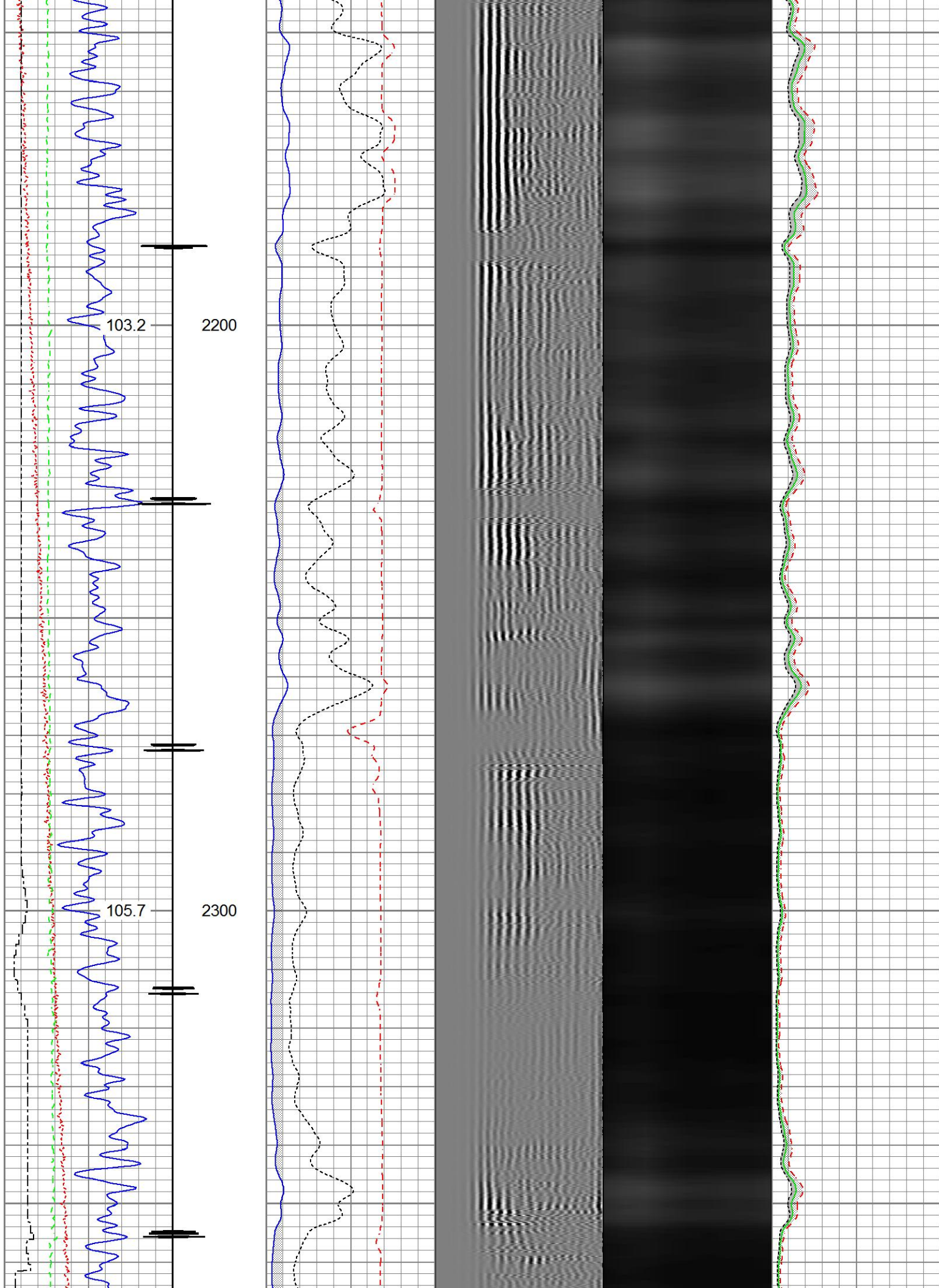


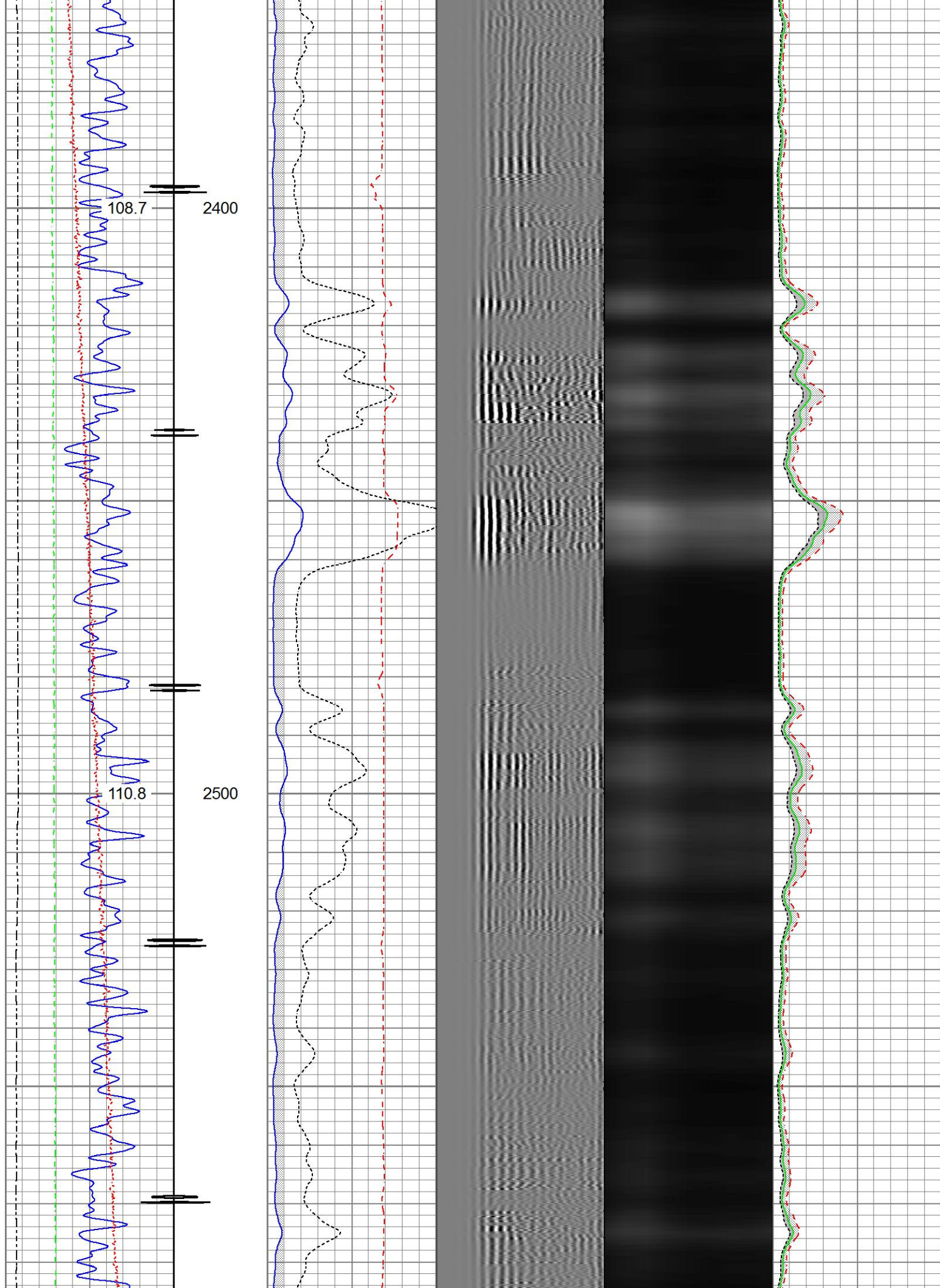


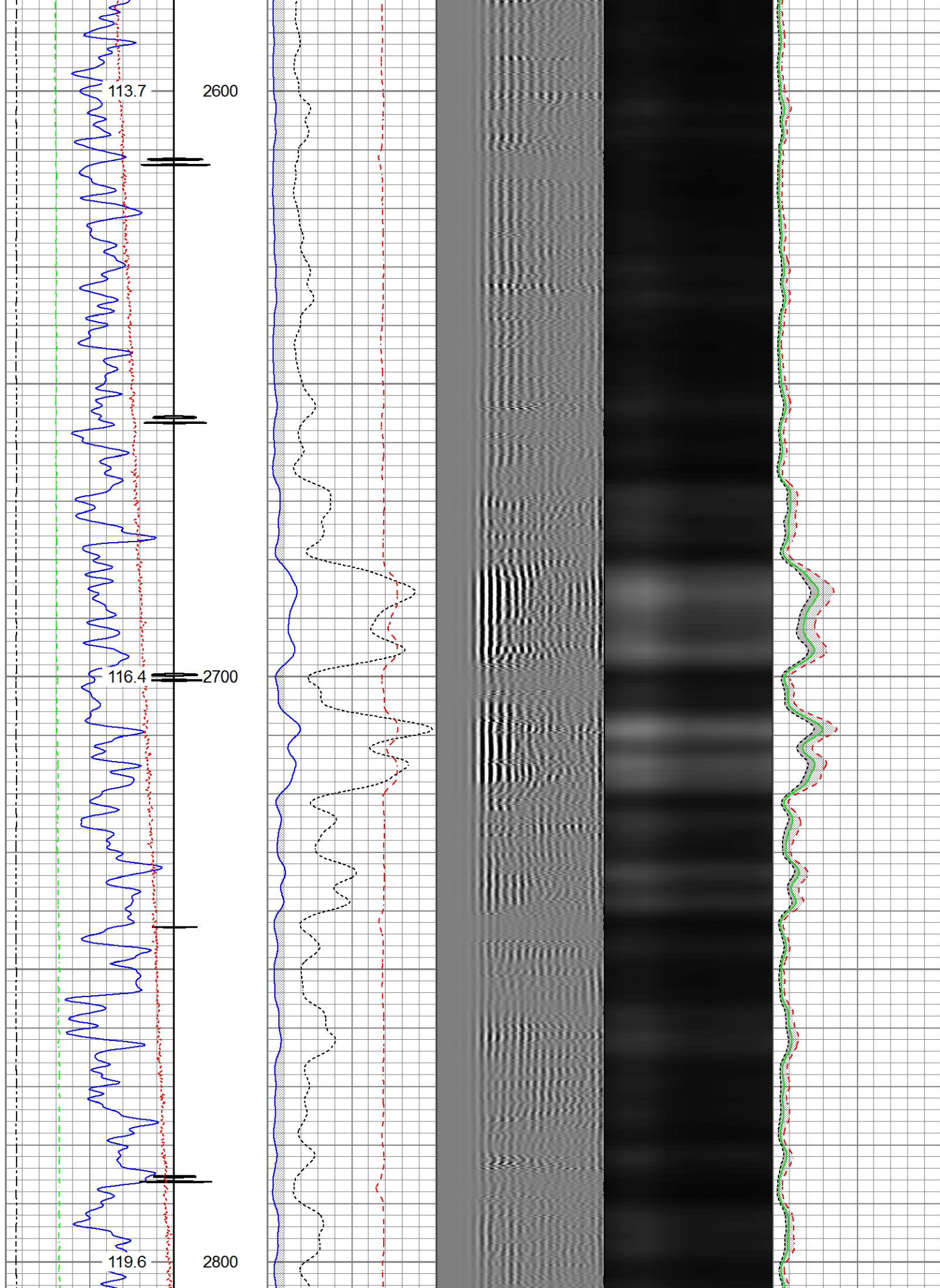


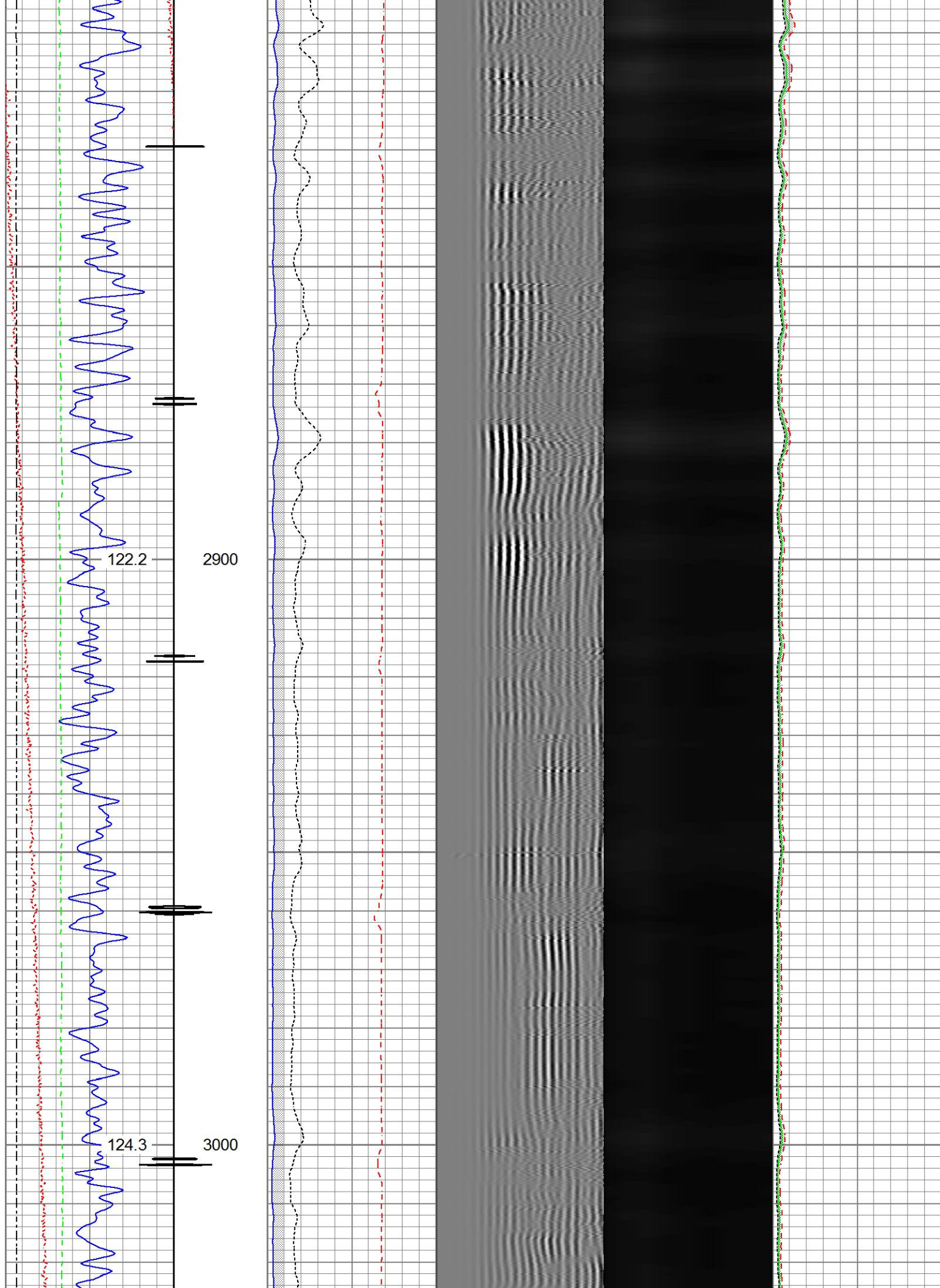


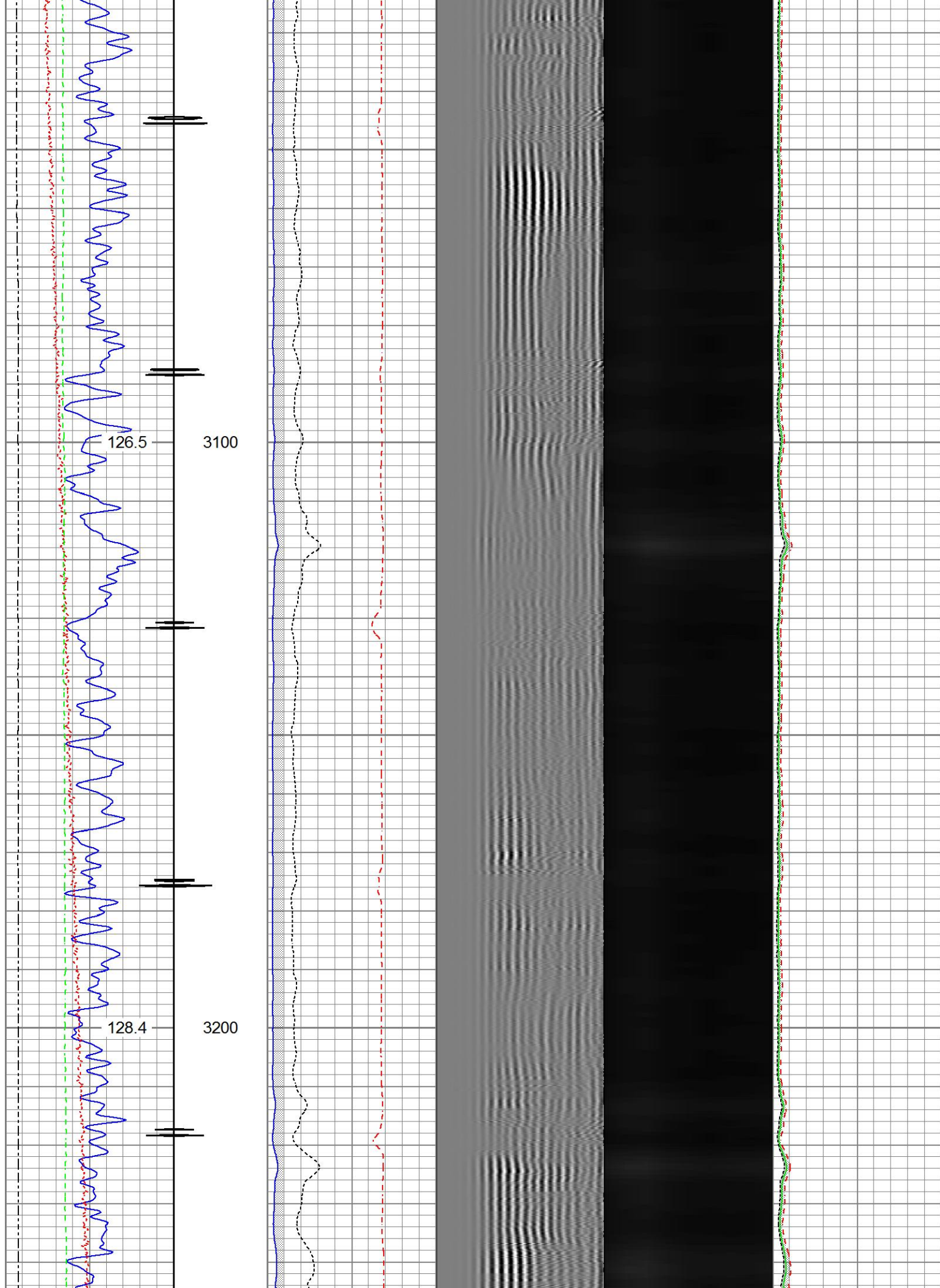


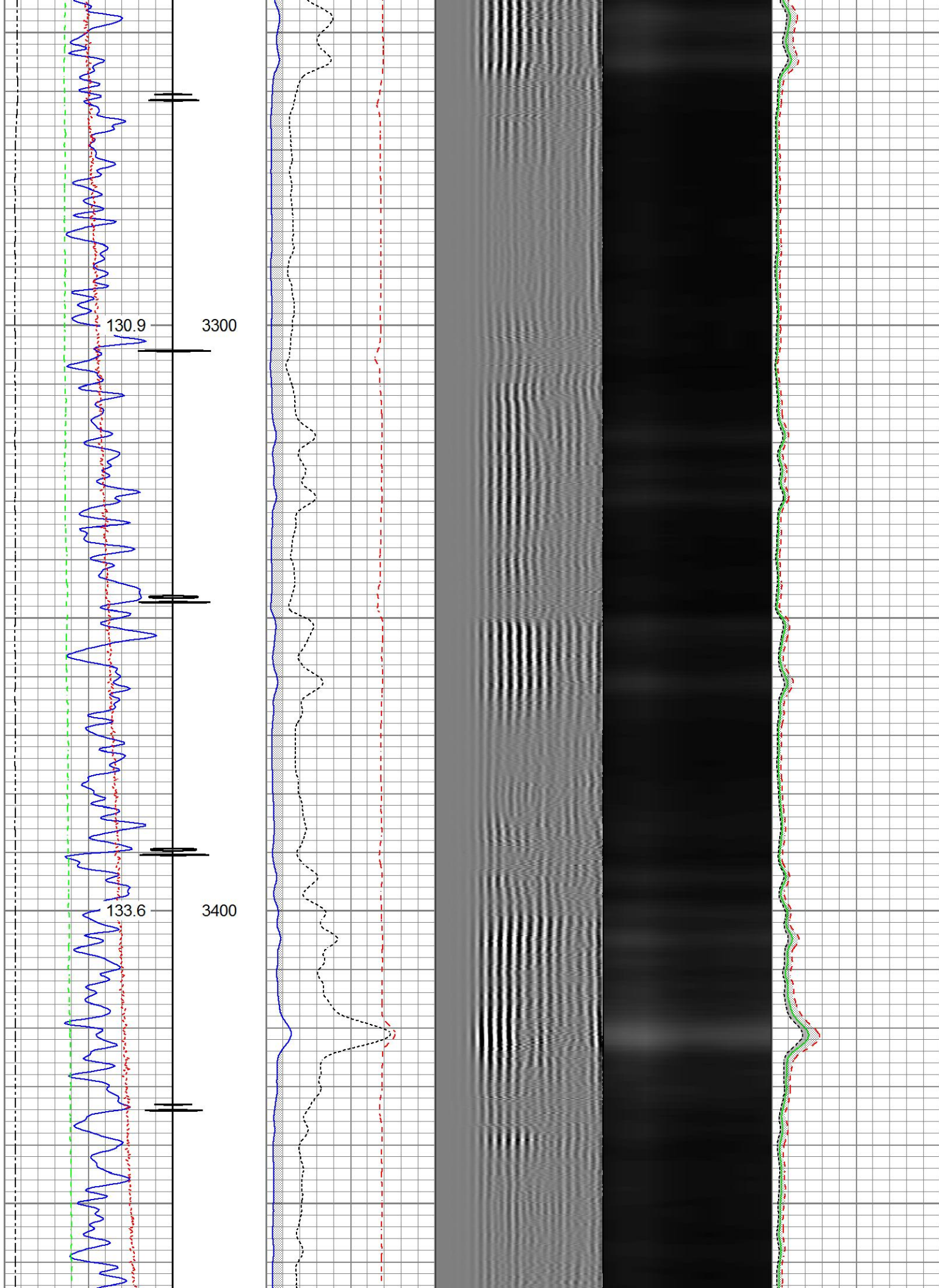


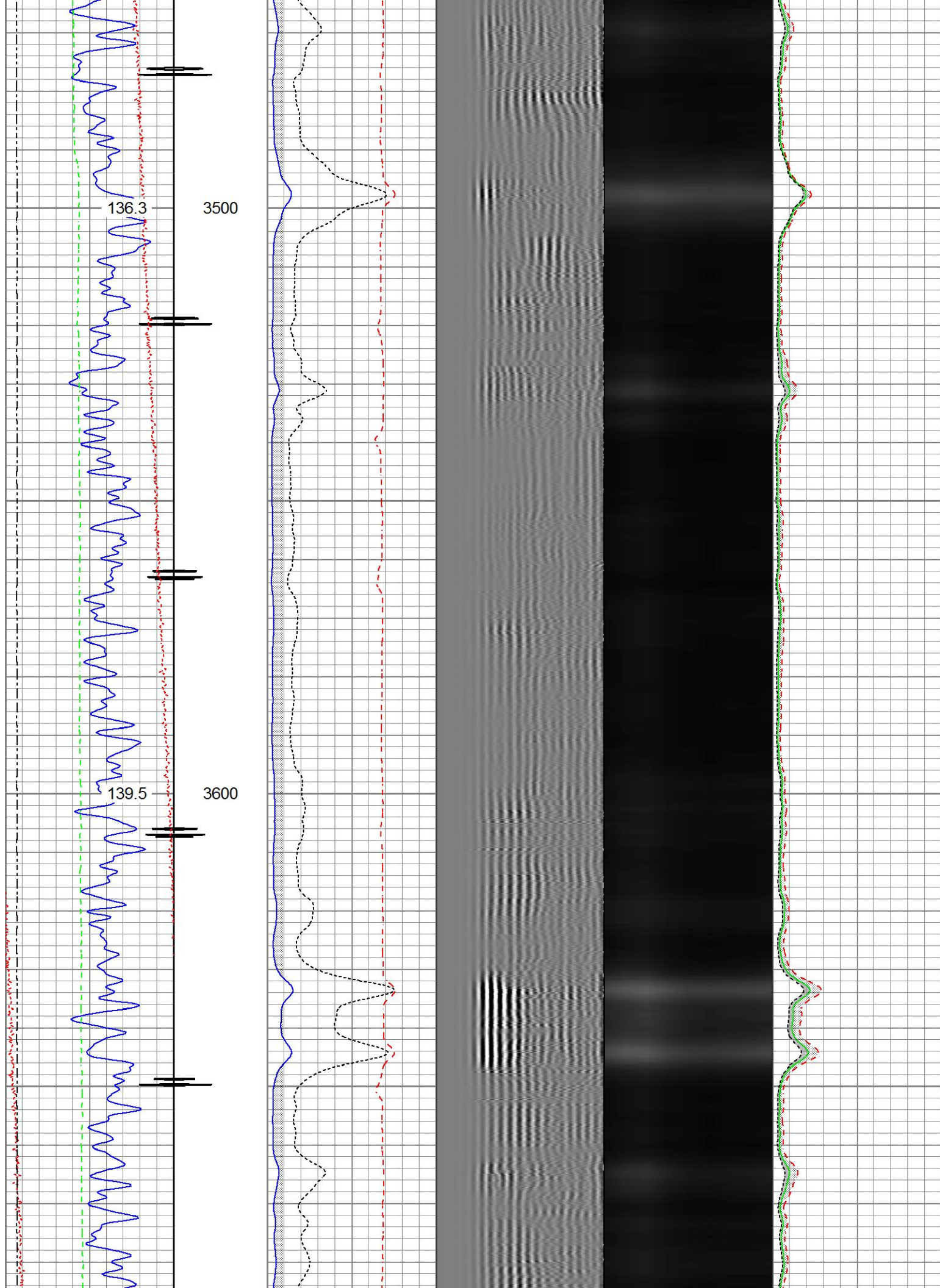


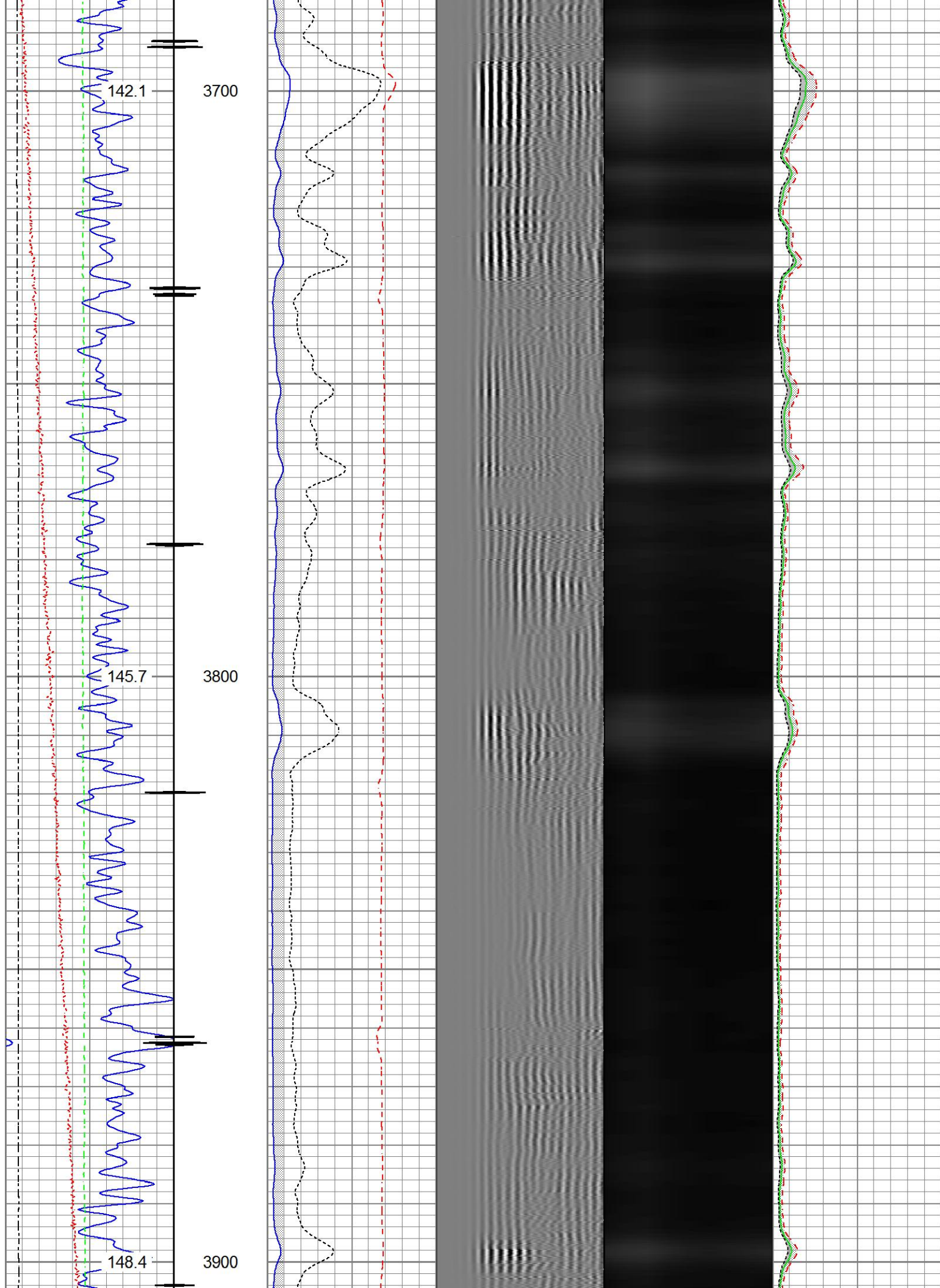


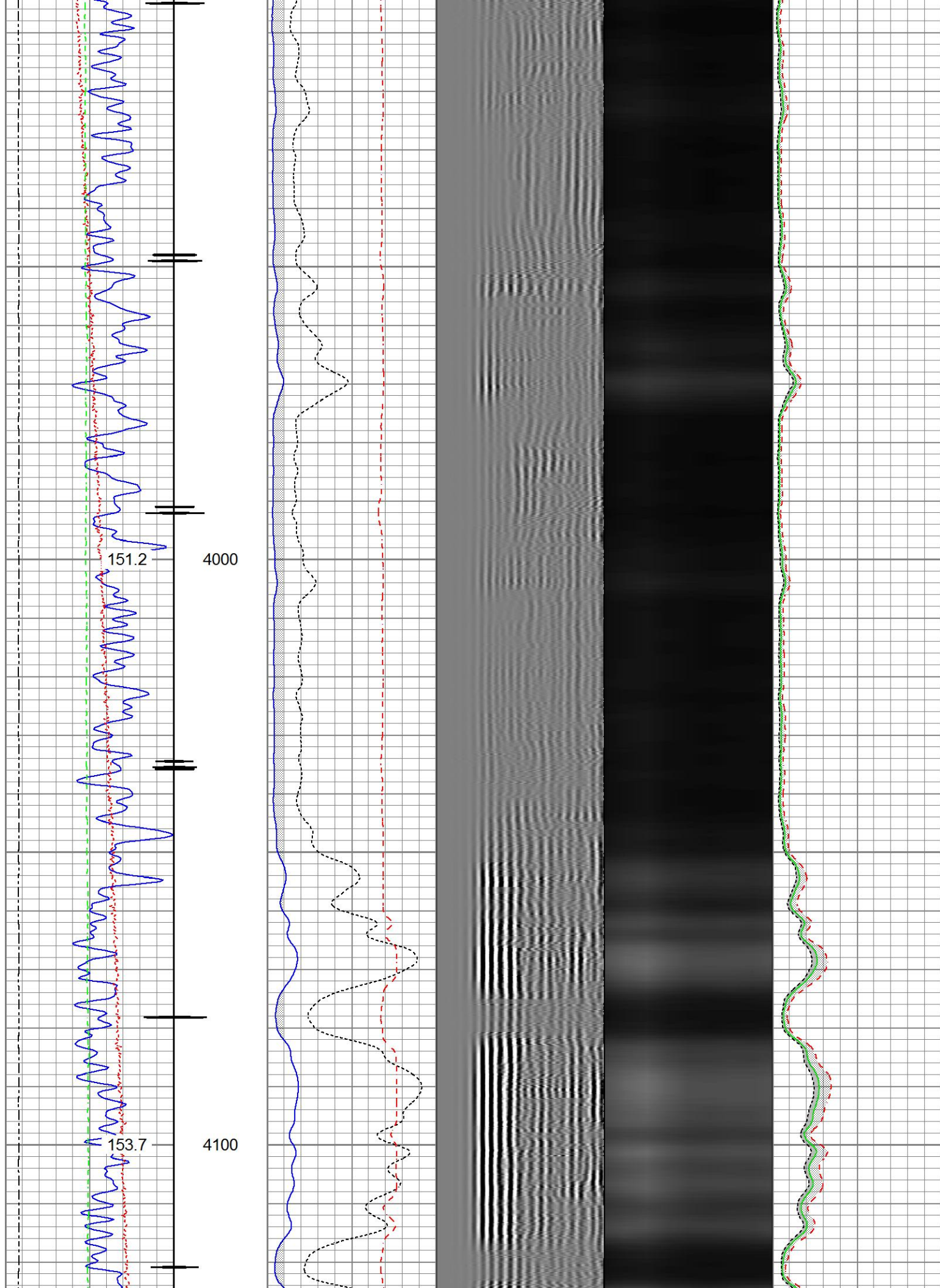


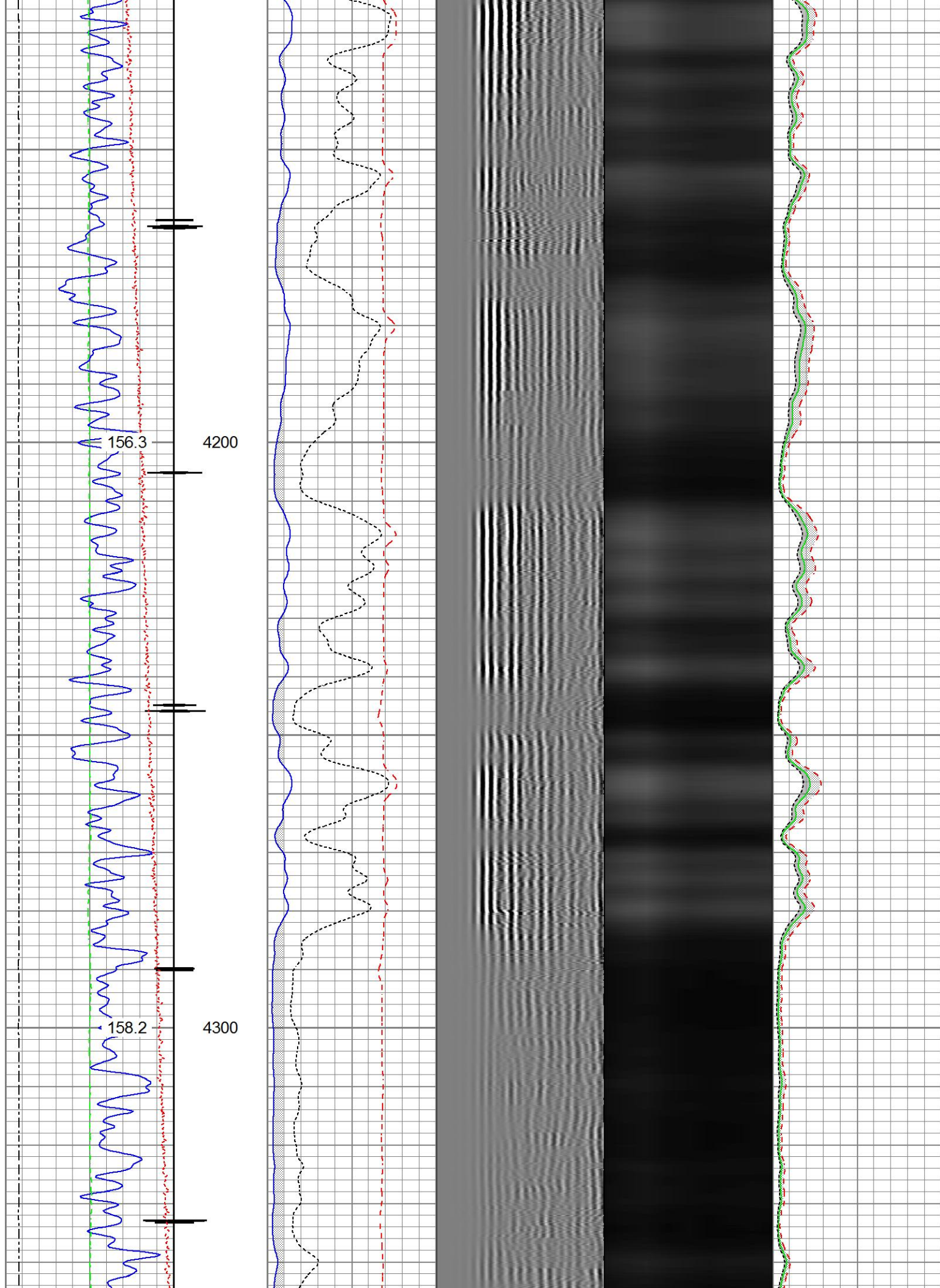


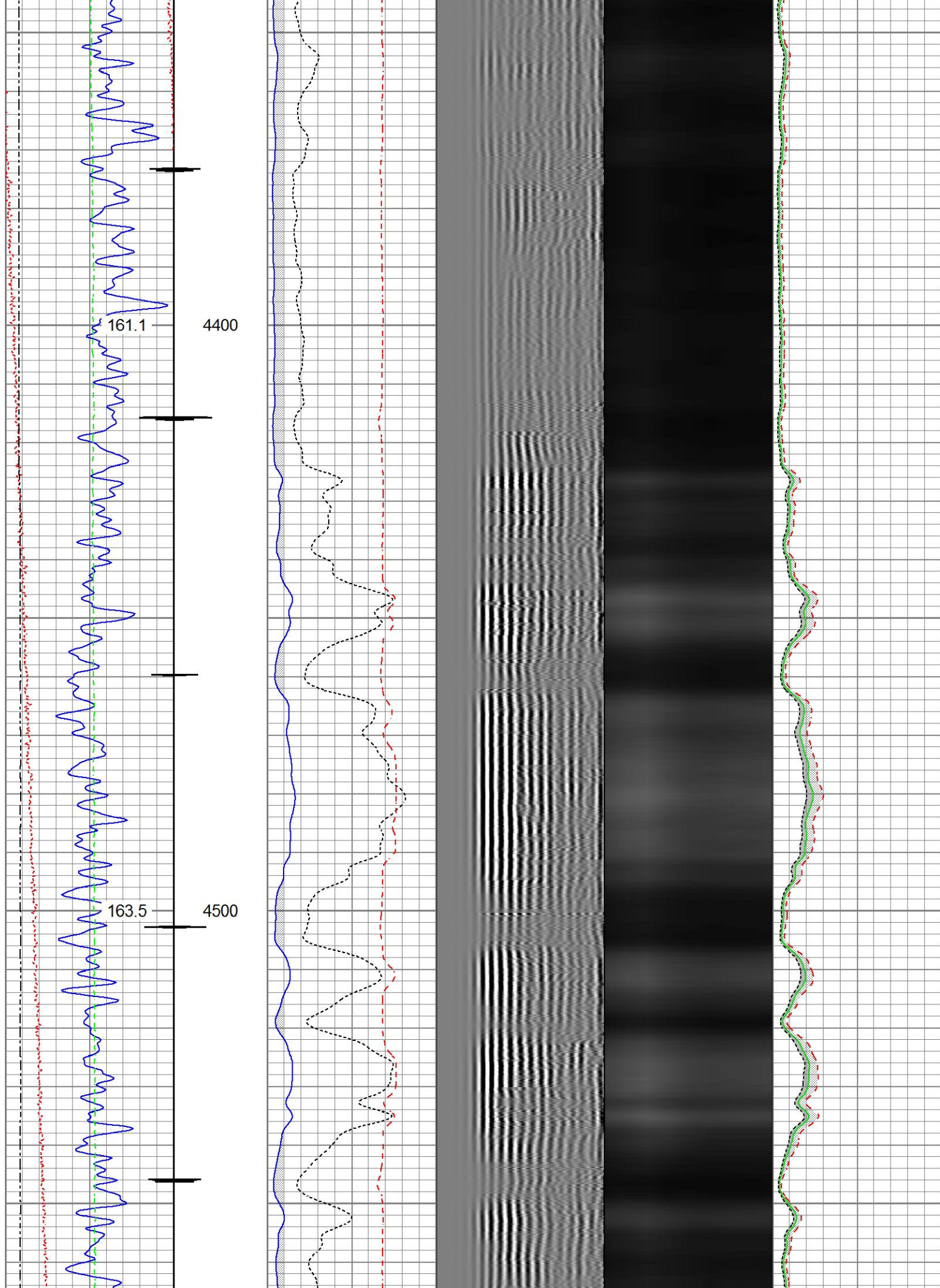


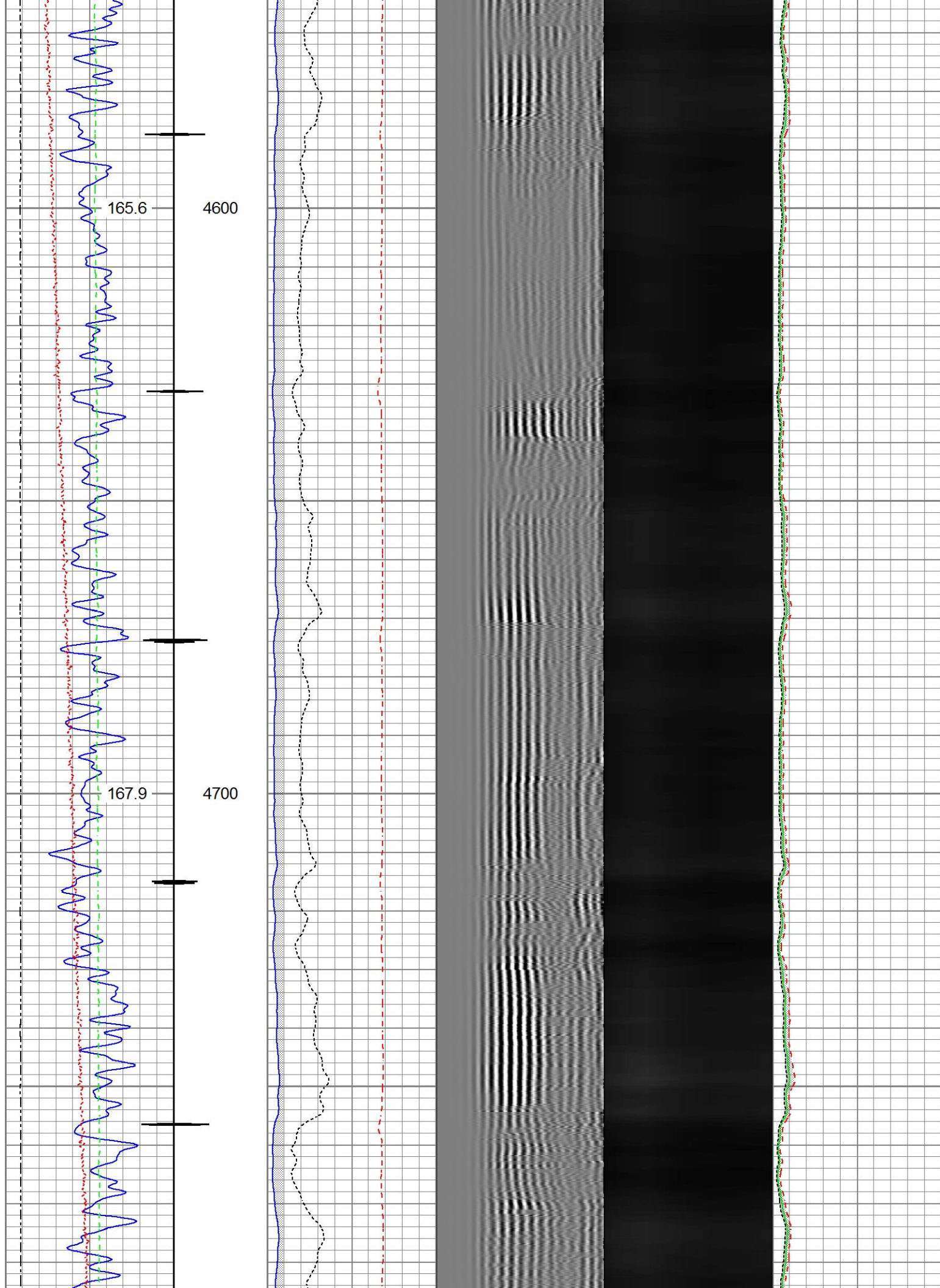


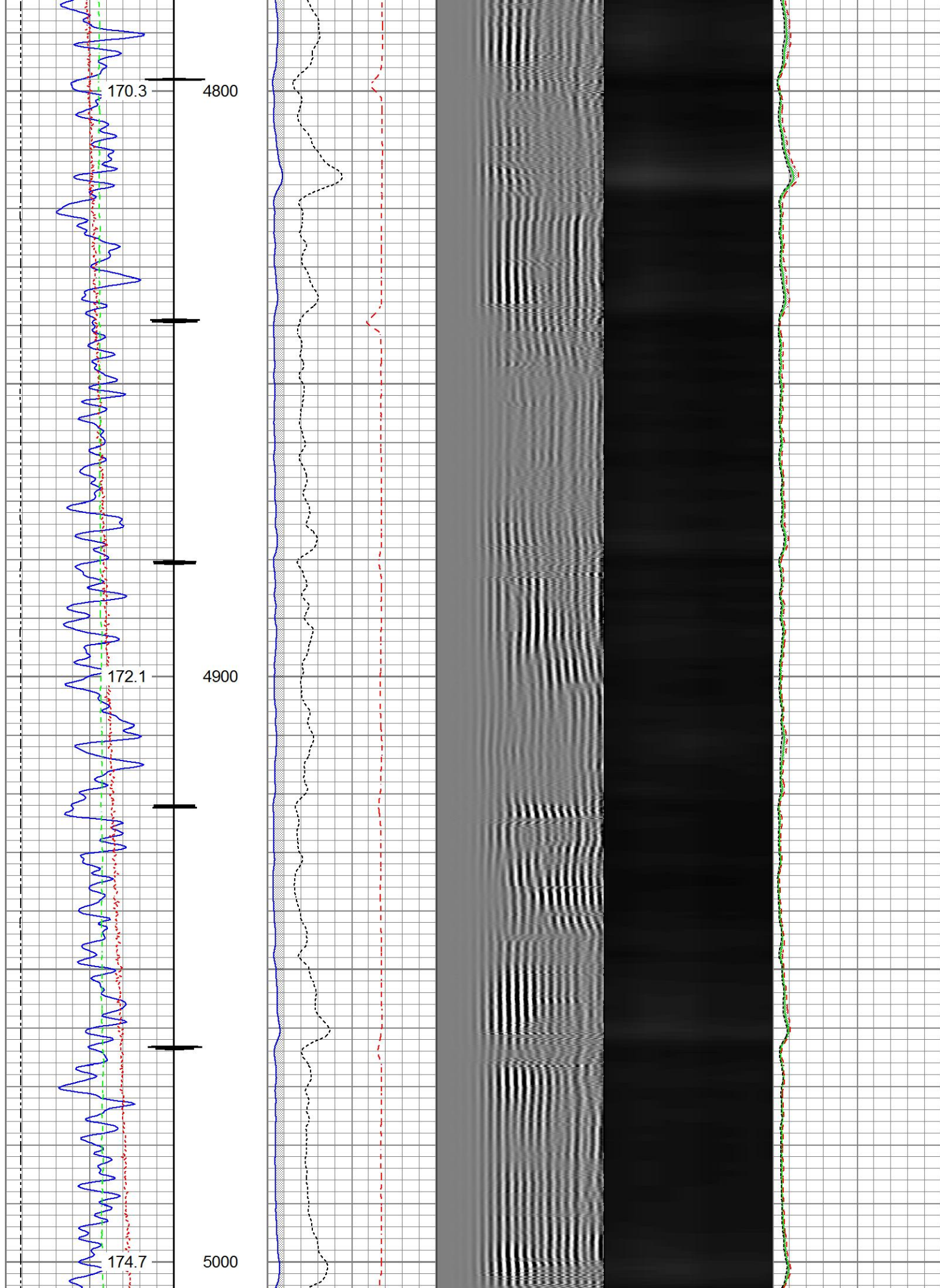


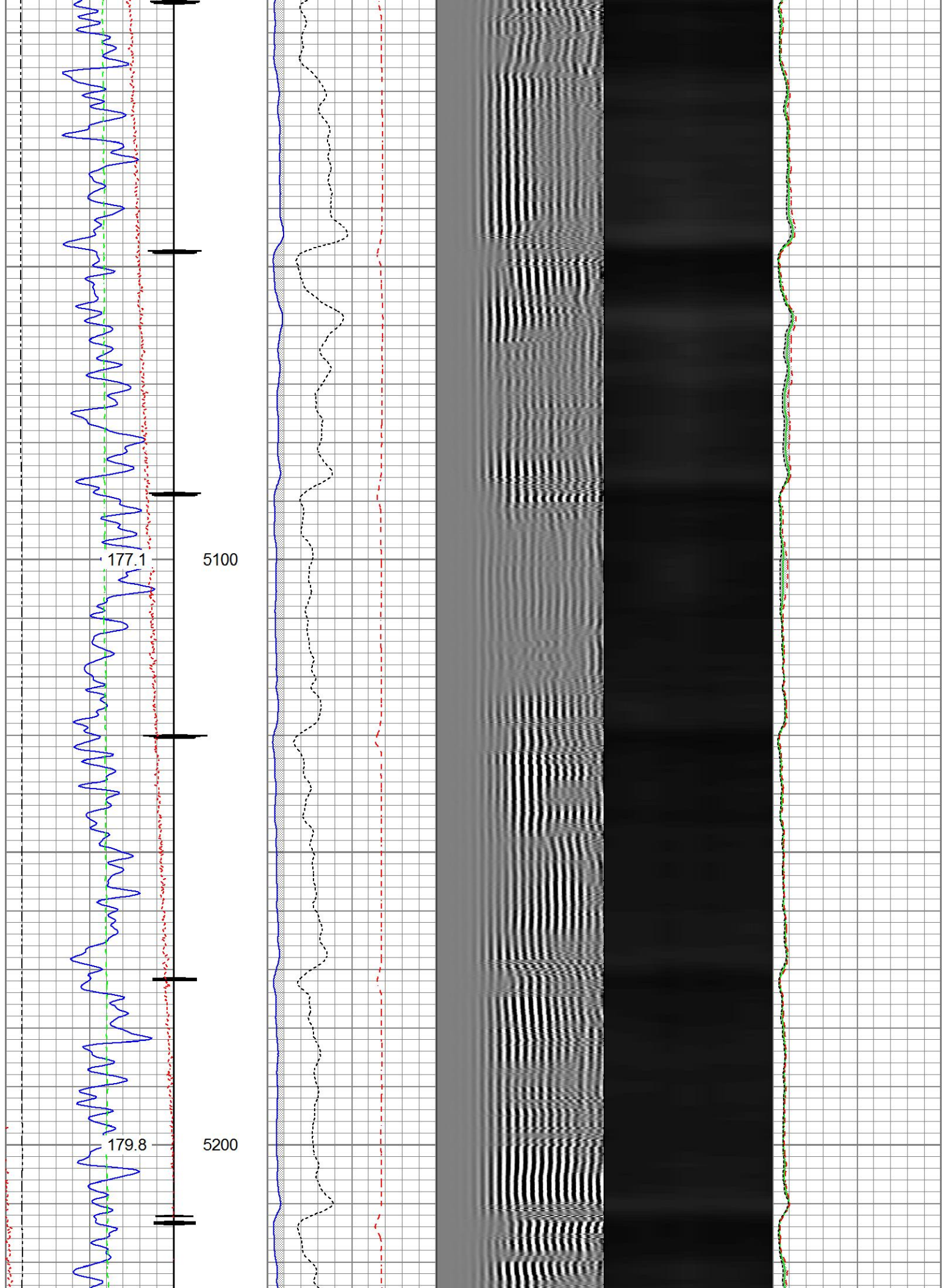


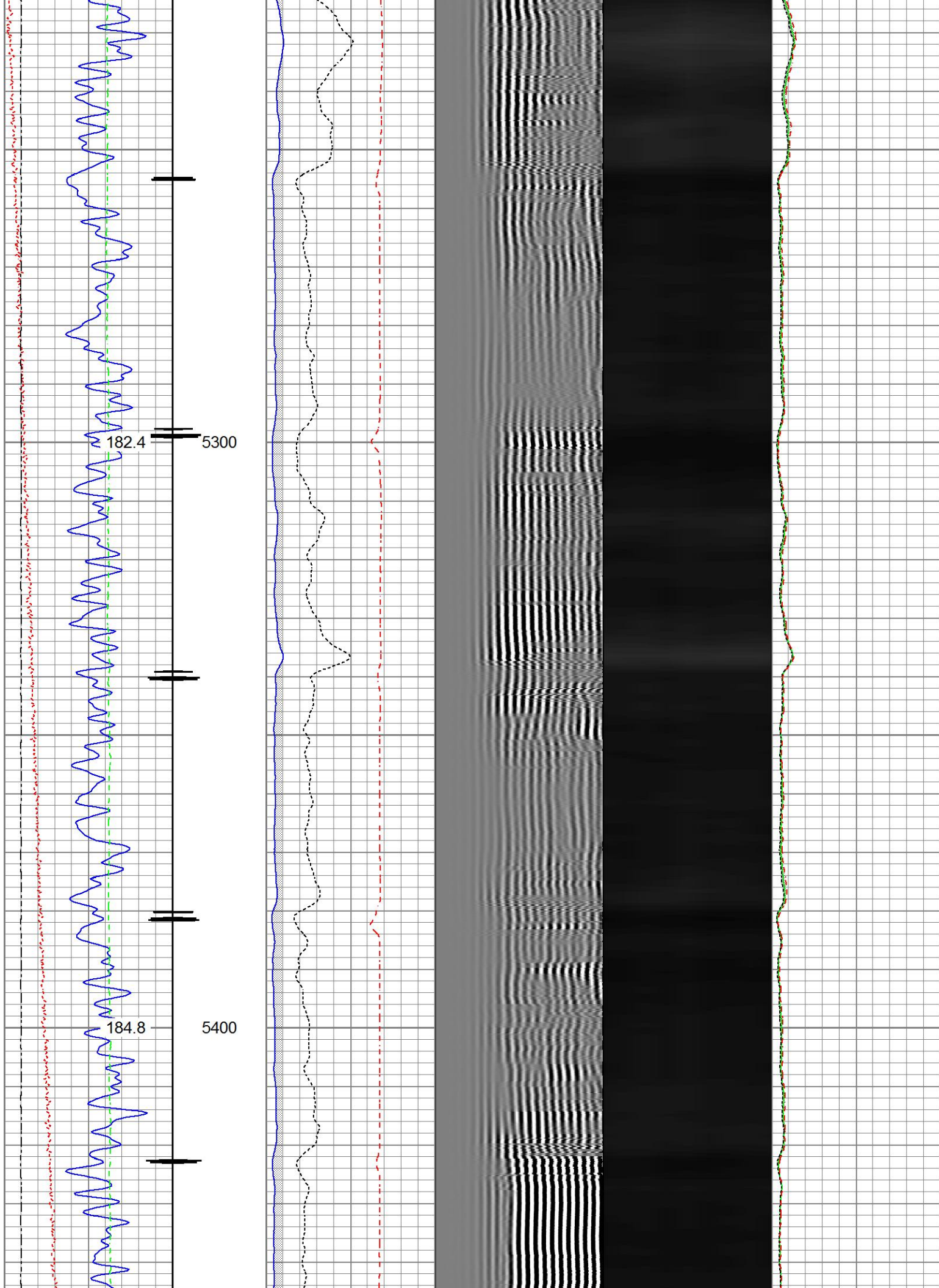


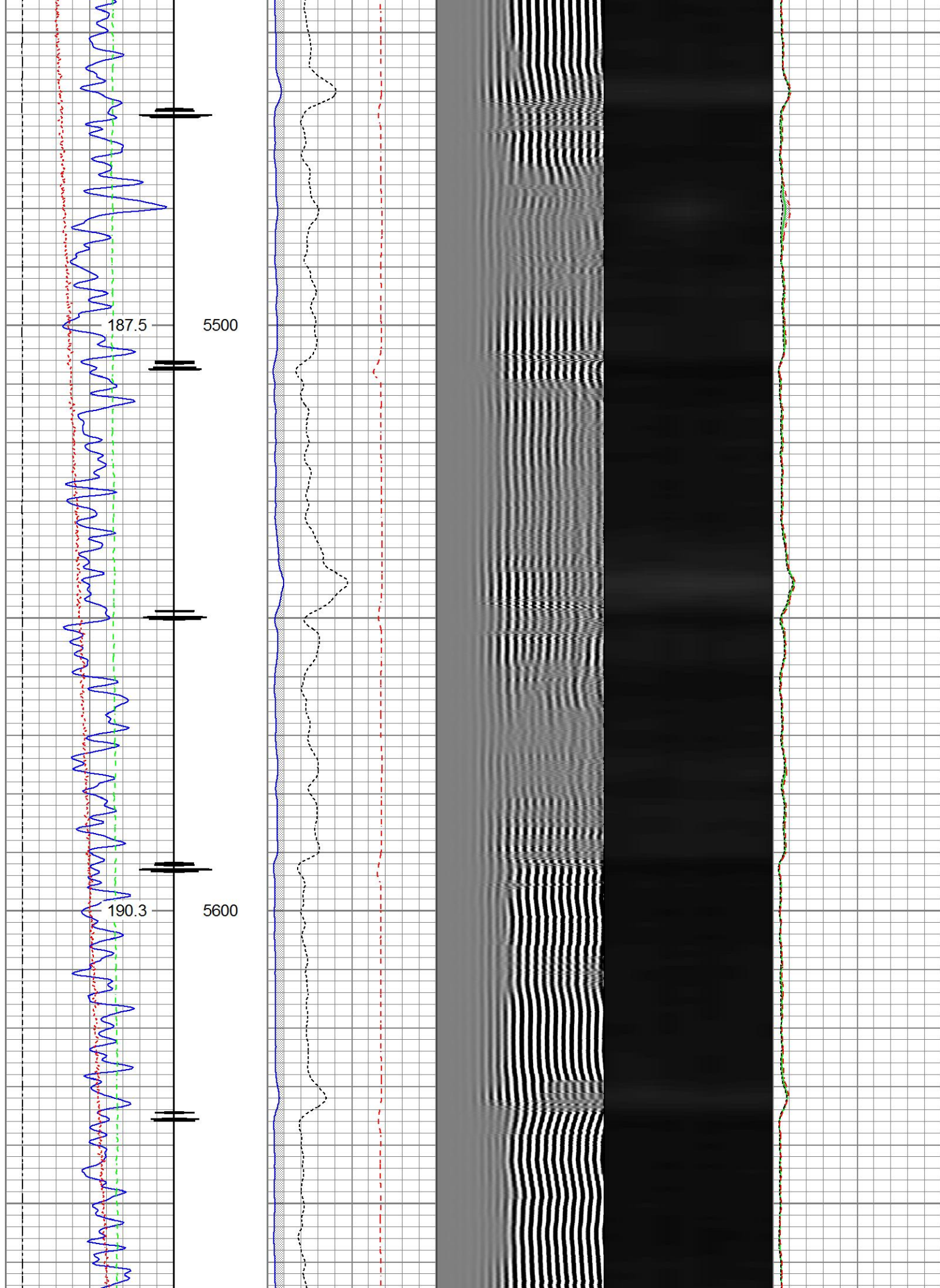


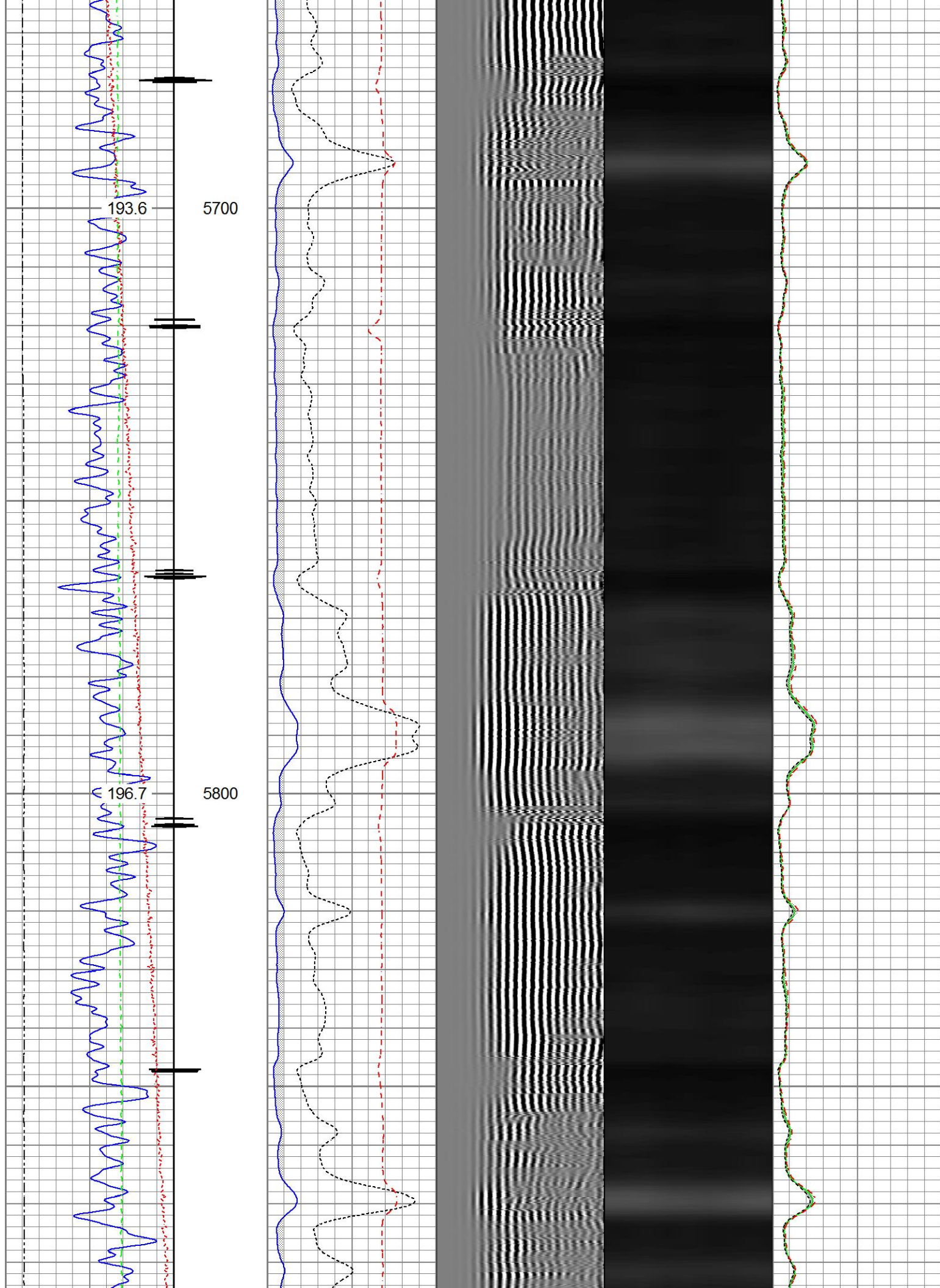


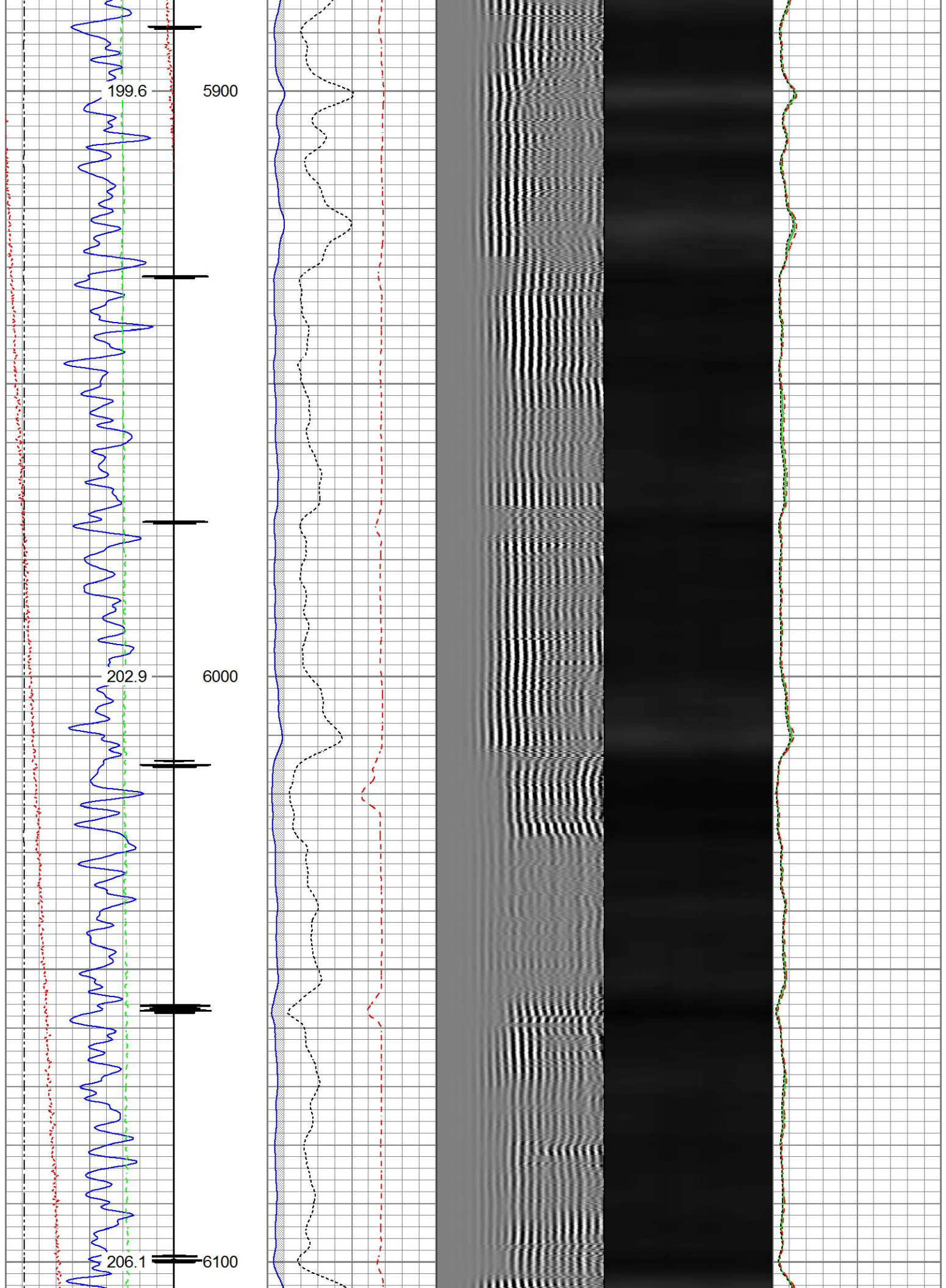


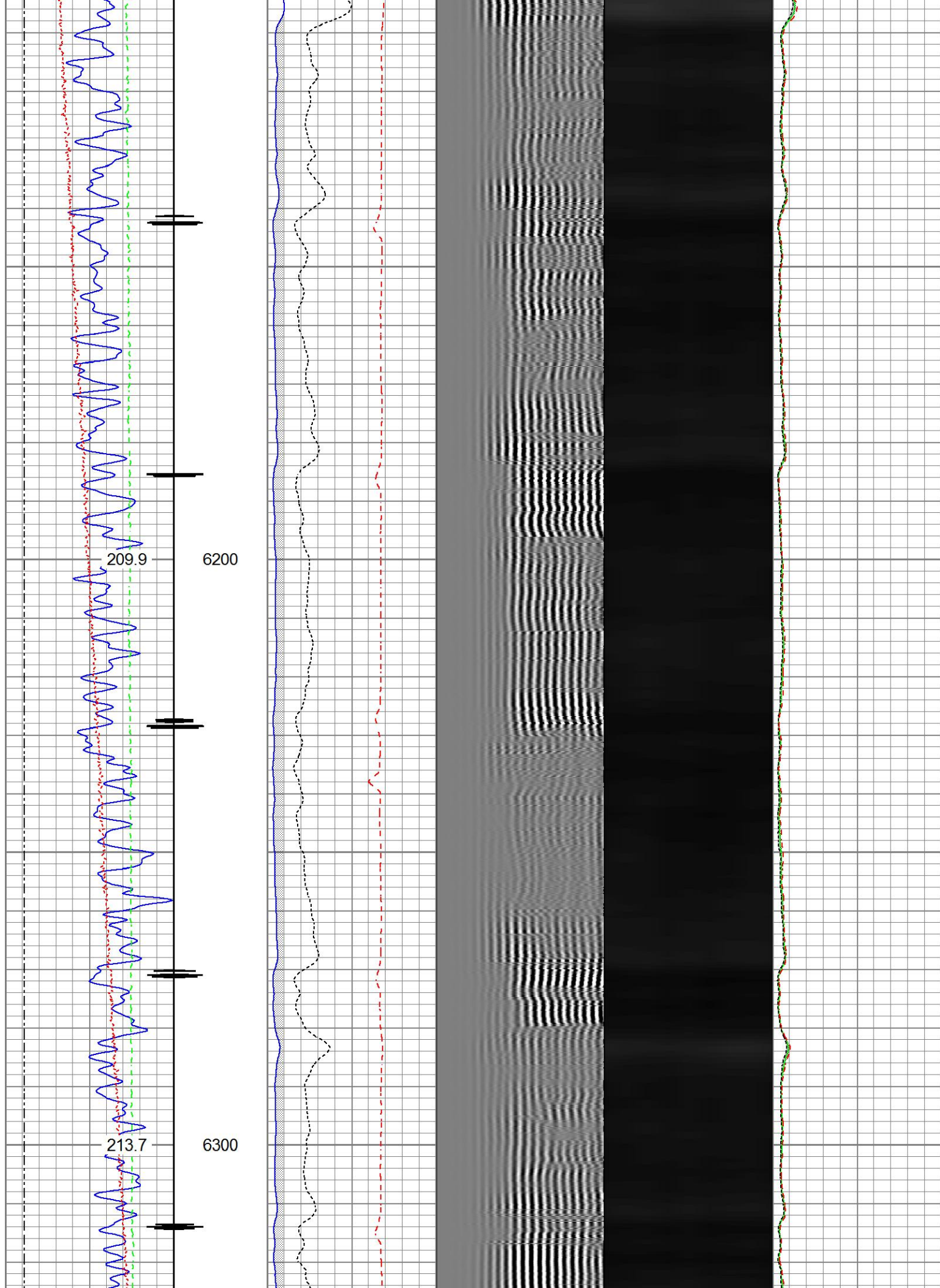


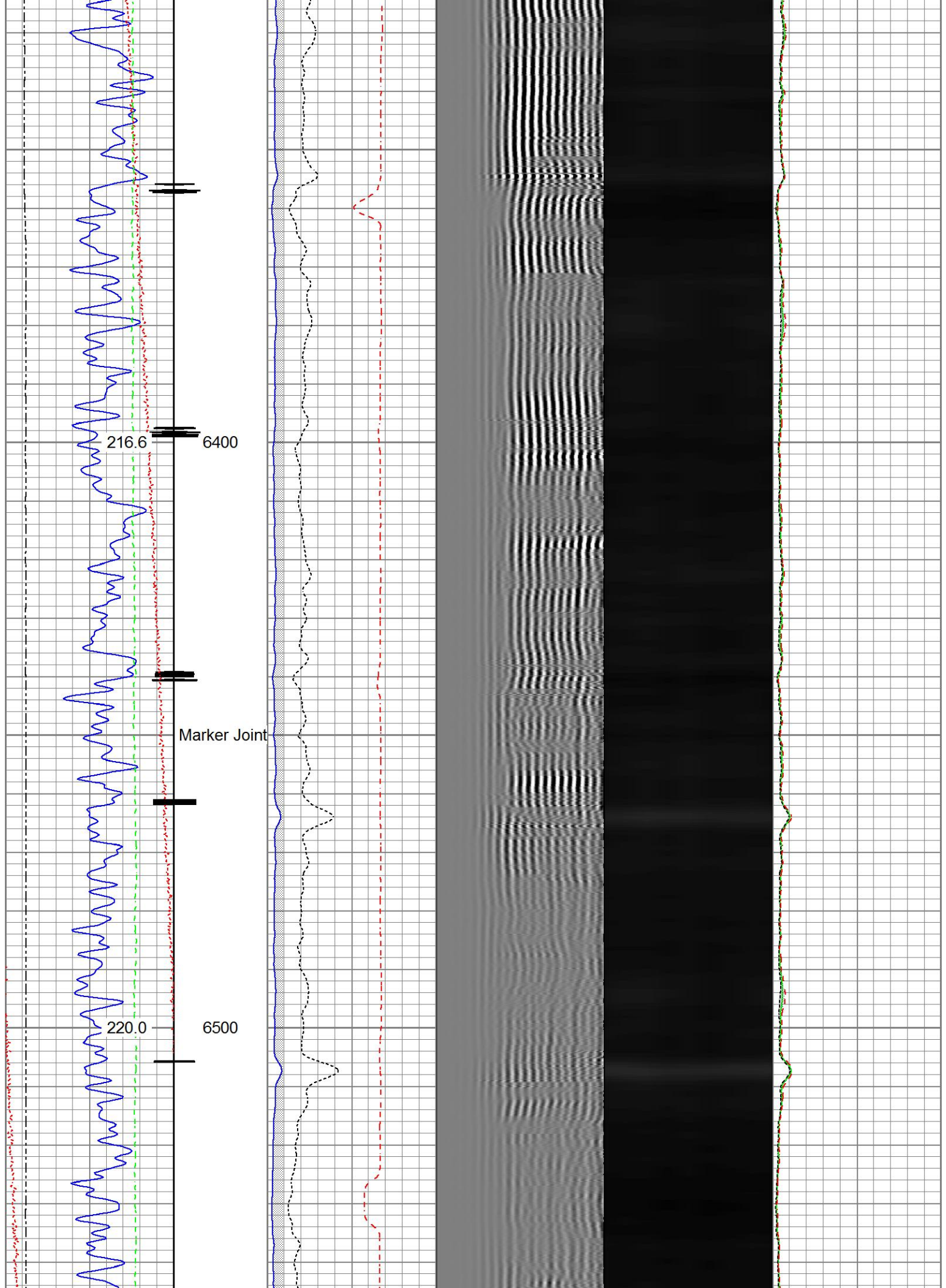


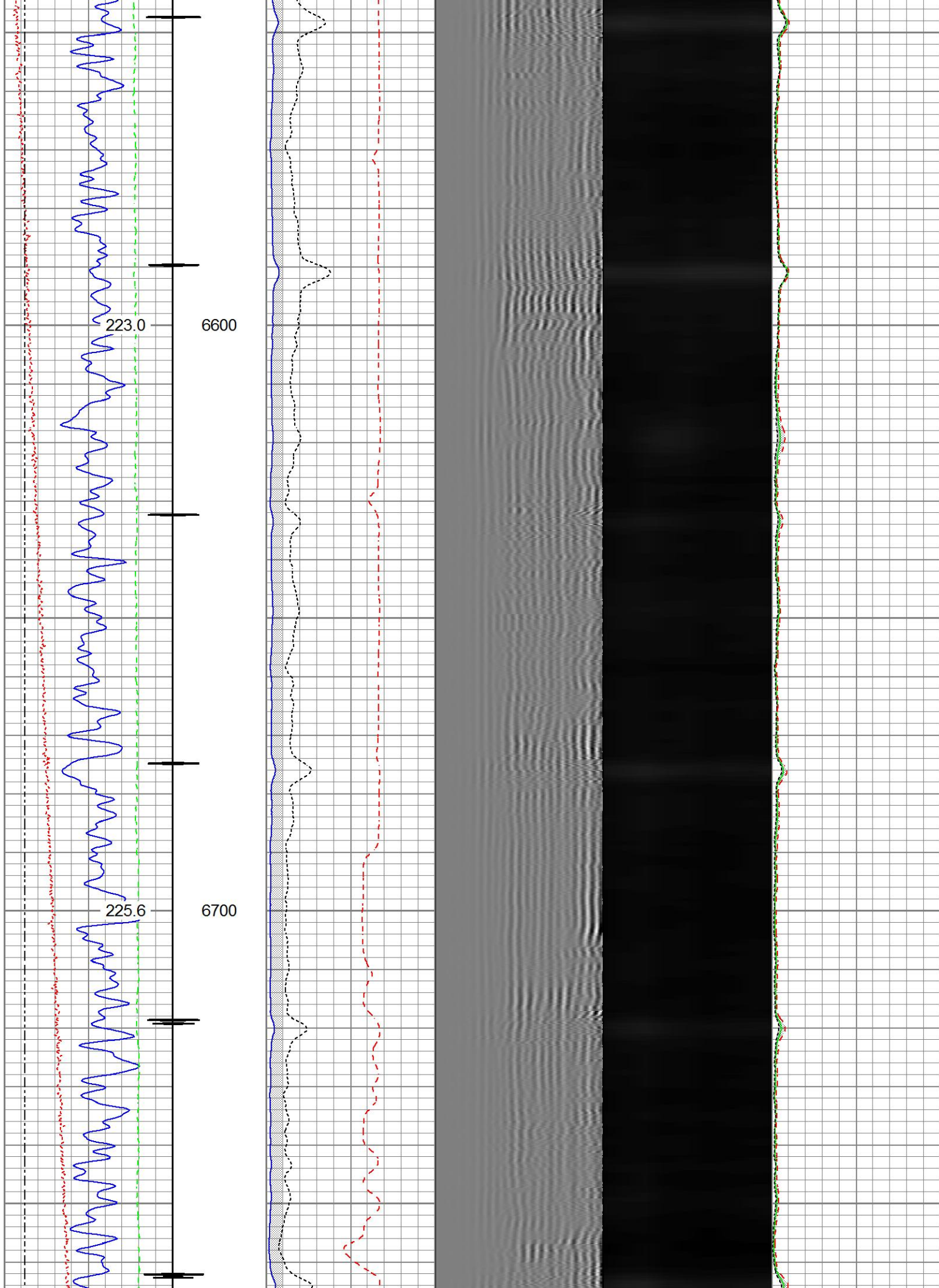


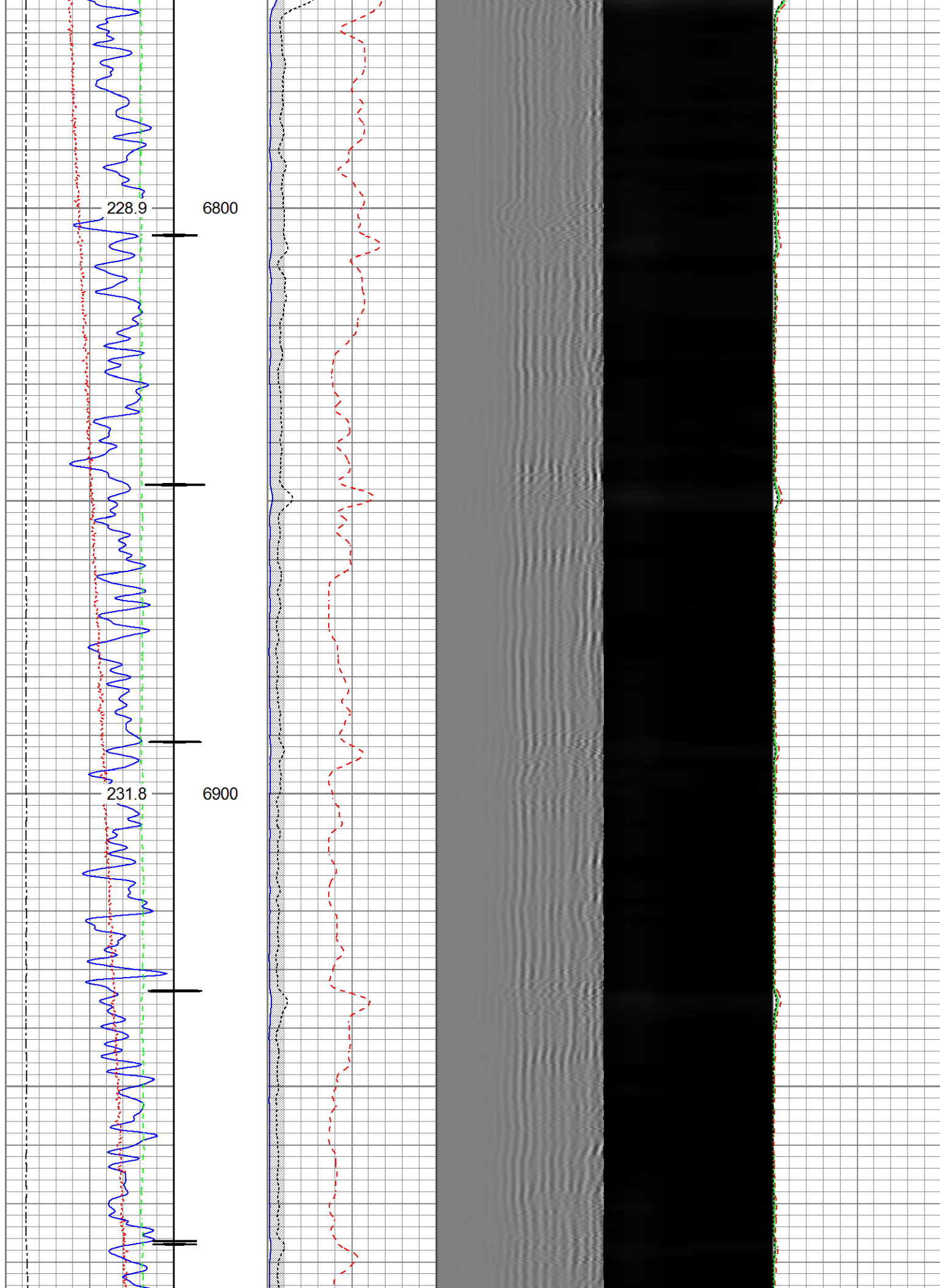


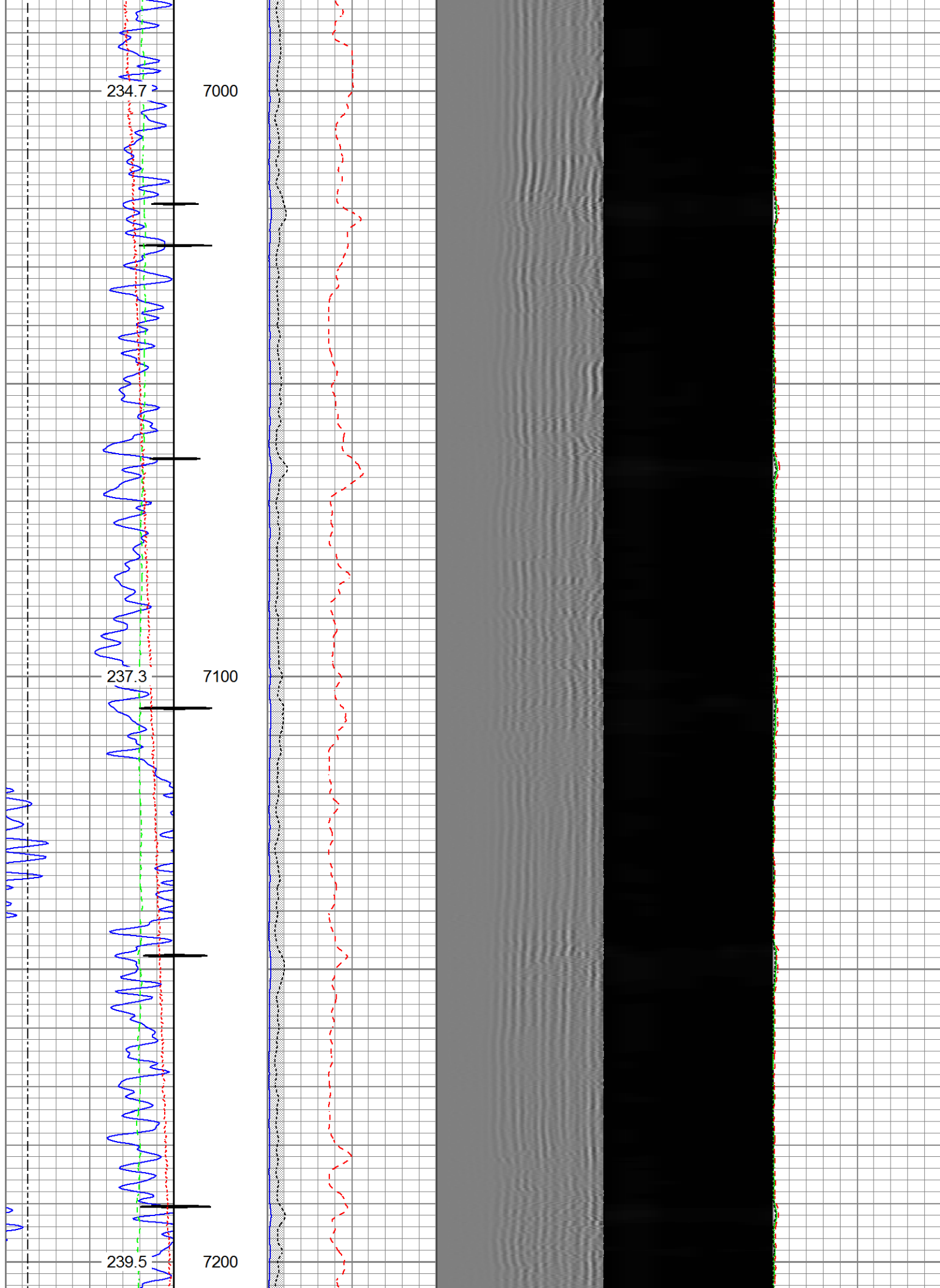


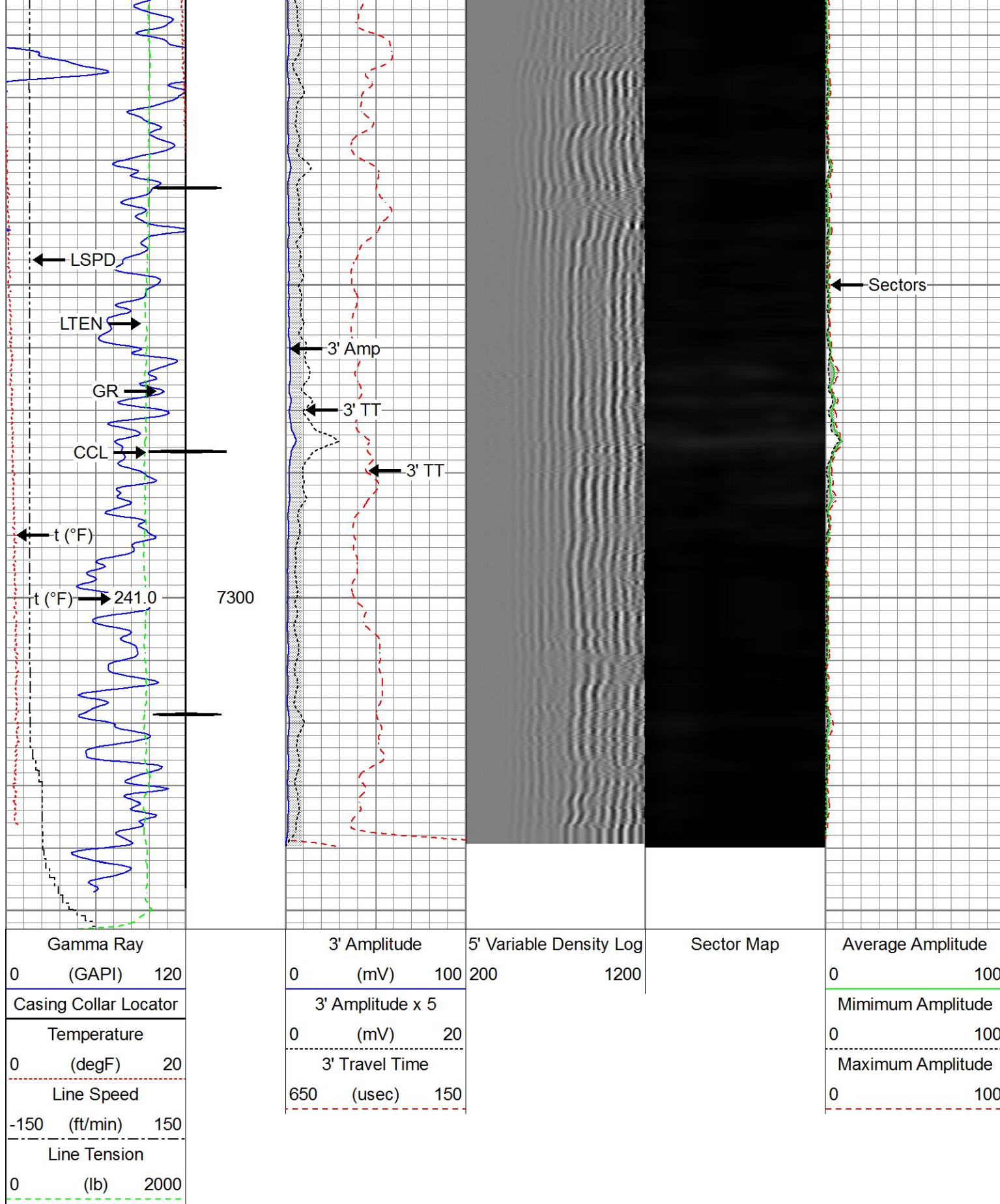






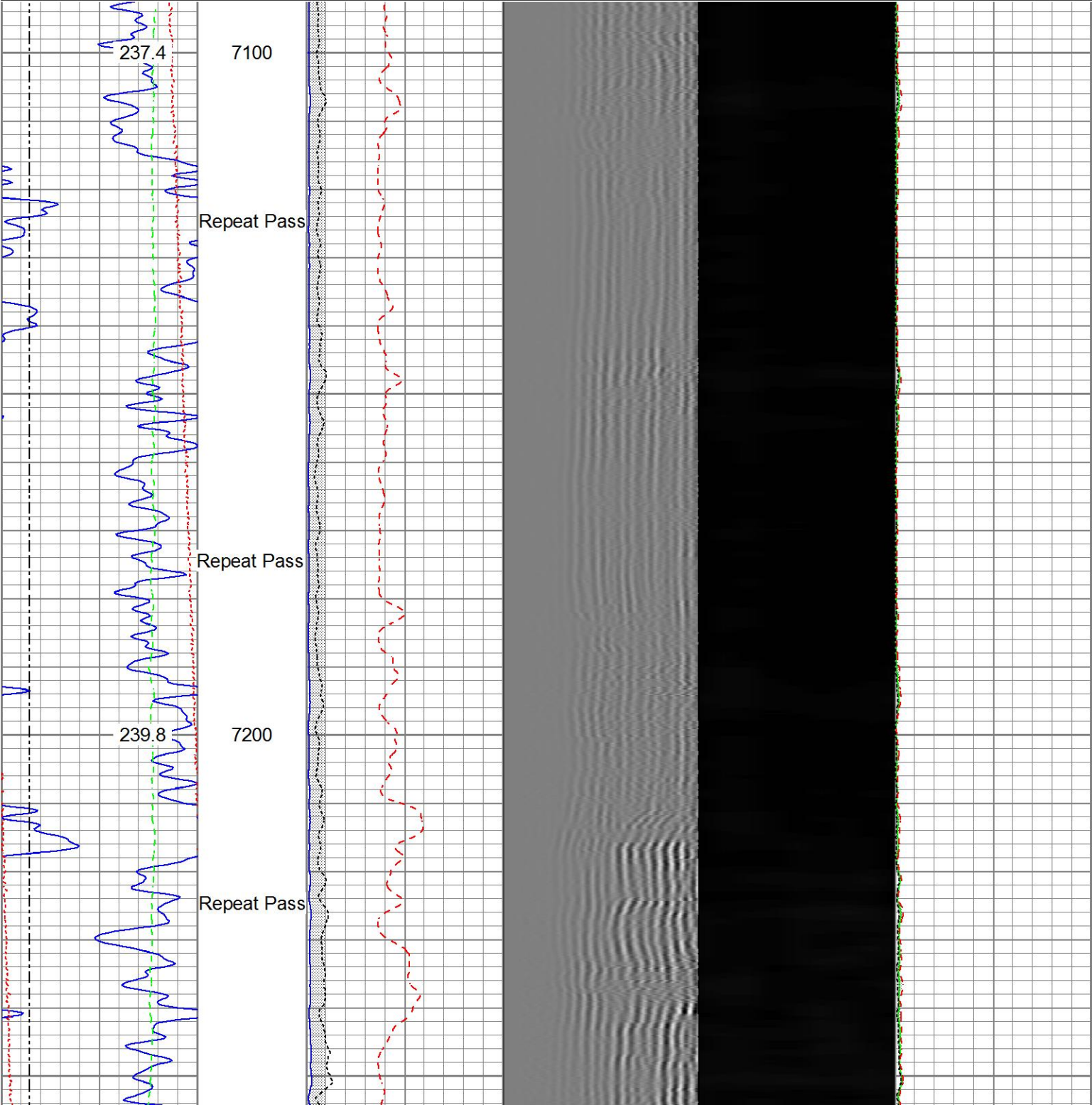


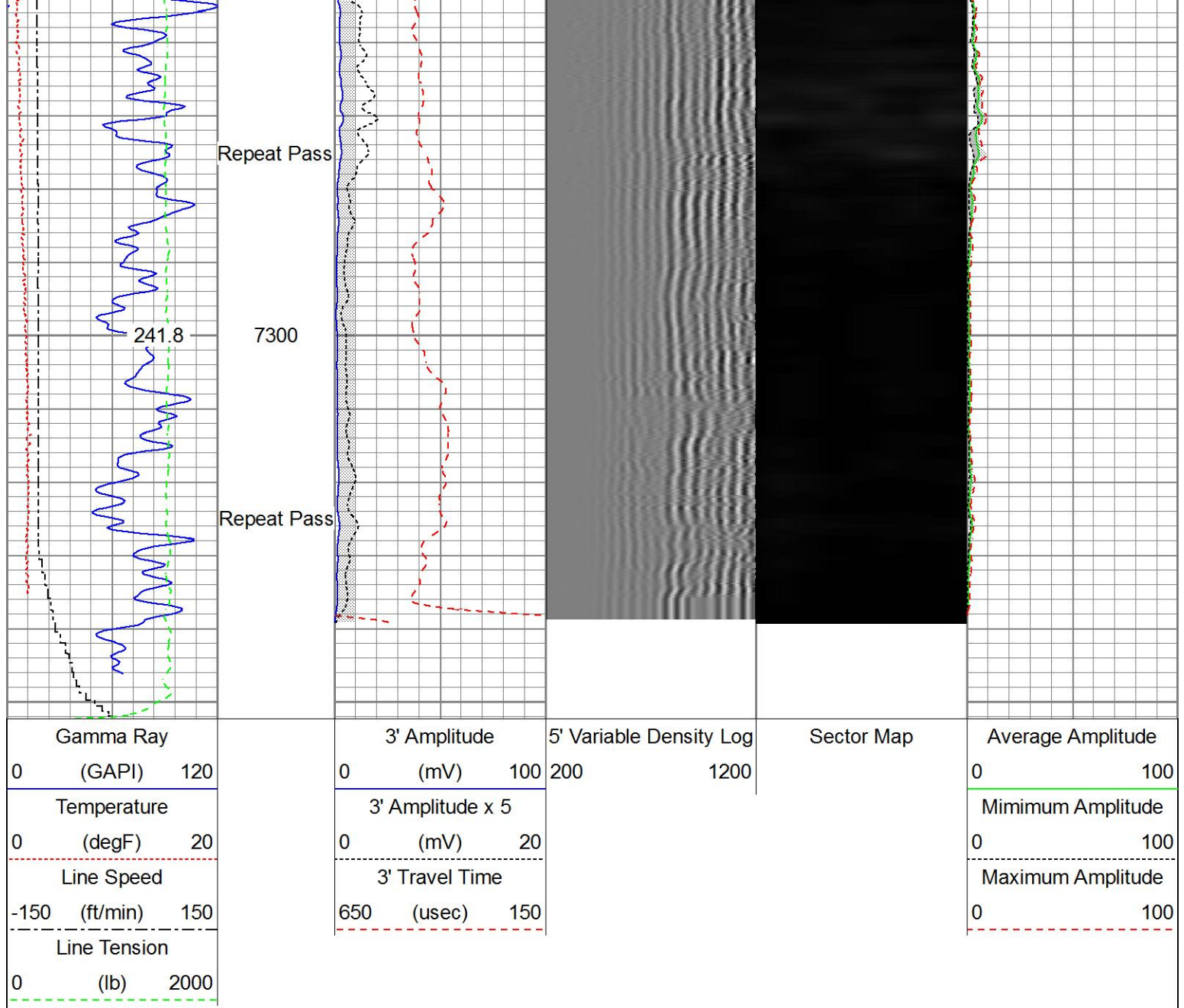


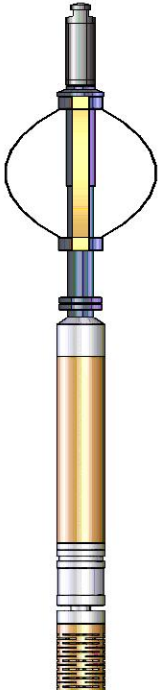


Database File	0512342146_anadarko_cook 2g-16hz_08-12-16_rbl_w8.db
Dataset Pathname	Repeat
Presentation Format	ros_radrii
Dataset Creation	Fri Aug 12 09:33:17 2016
Charted by	Depth in Feet scaled 1:240

Gamma Ray		3' Amplitude	5' 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			0 100
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)
Temp	16.72		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 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
			Probe_RADIL-C-P RBT 2750 (EW1302-009 19	2.75	2.75	105.00

WVFS8	14.55		Probe 2-3/4" Sector Cement Bond Tool with Temperature Probe			
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					
			Probe_GR_CCL-P_CGR_2750_S (FW1214.543) Probe 2-3/4" Digital CCL / Gamma Ray Combined		2.75	55.00
GR	3.77					
			Probe_ELine_BowSpring_Centralizer-P Probe 2-3/4" Electric Inline Bowspring Centralizer	EE2.88.275	2.75	20.00
Dataset: 0512342146_anadarko_cook 2g-16hz_08-12-16_rbl_w8.db: field/well/run1/Main.1 Total length: 23.40 ft Total weight: 225.40 lb O.D.: 2.75 in						

Calibration Report		
Database File	0512342146_anadarko_cook 2g-16hz_08-12-16_rbl_w8.db	
Dataset Pathname	Main.1	
Dataset Creation	Mon Aug 15 11:08:47 2016	
Gamma Ray Calibration Report		
Serial Number:	FW1212-026	
Tool Model:	P_CGR_2750_S	
Performed:	Sat Feb 06 11:32:54 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:	FW1302-002	
Tool Model:	P_RBT_2750	

Calibration Casing Diameter: 5.500 in
Calibration Depth: 25.002 ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.008	0.742	0.800	71.921	96.837	0.042
CAL	0.779	0.769				
5'	0.010	0.521	0.800	71.921	139.078	-0.551
SUM						
S1	0.008	0.717	0.000	100.000	141.117	-1.167
S2	0.008	0.720	0.000	100.000	140.298	-1.070
S3	0.009	0.736	0.000	100.000	137.605	-1.251
S4	0.010	0.757	0.000	100.000	133.812	-1.340
S5	0.009	0.787	0.000	100.000	128.455	-1.126
S6	0.010	0.779	0.000	100.000	130.032	-1.283
S7	0.010	0.743	0.000	100.000	136.413	-1.346
S8	0.009	0.727	0.000	100.000	139.233	-1.266

Internal Reference Calibration, performed Fri Aug 05 07:29:17 2016:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.779	0.769	1.000	0.000

Air Zero Calibration, performed Fri Aug 12 09:02:47 2016:

	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 Cook 2G-16HZ
Field Wattenberg
County Weld
State Colorado