



<<< Fold Here >>>

Comments

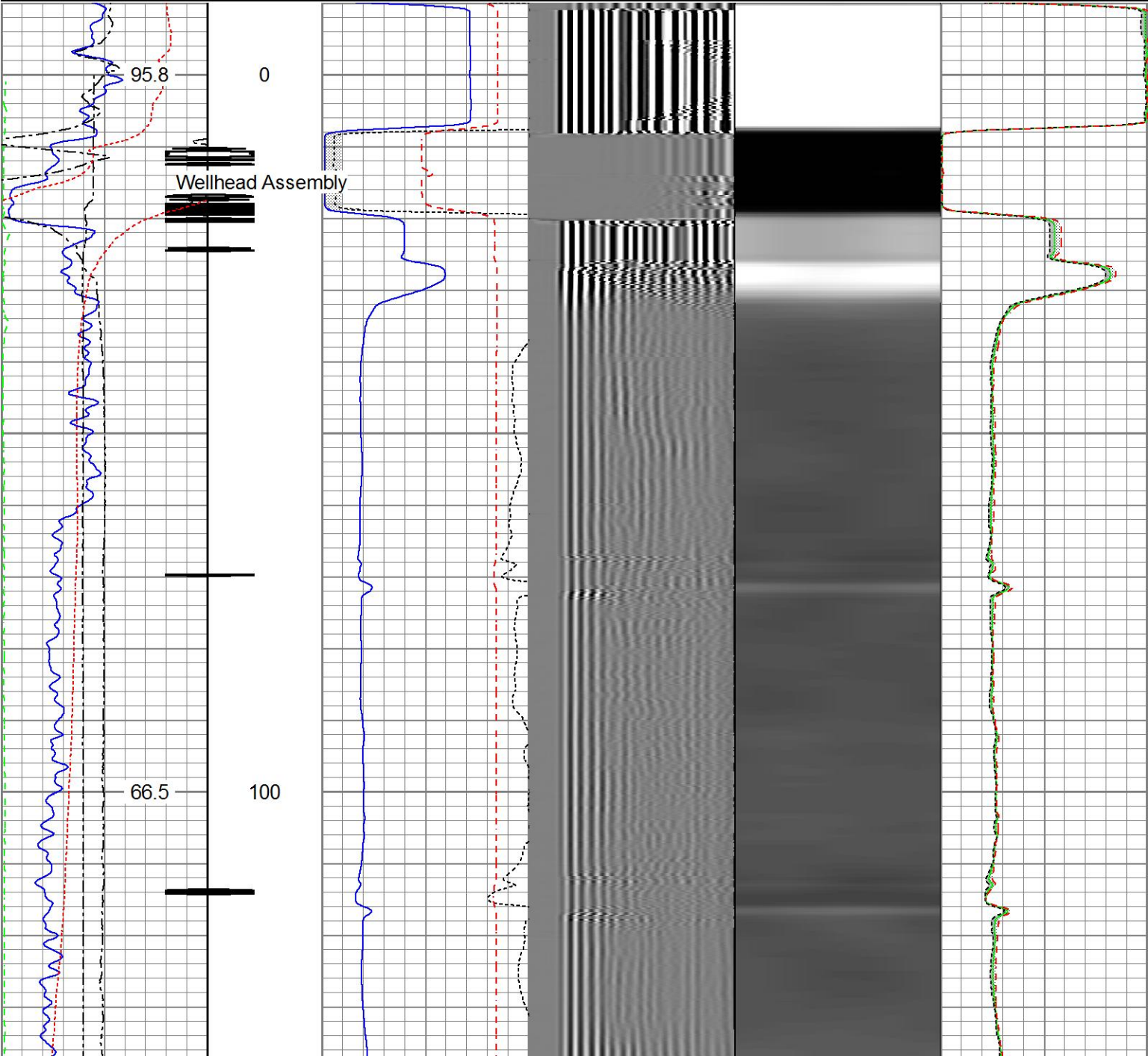


**RELIANCE**  
OILFIELD SERVICES

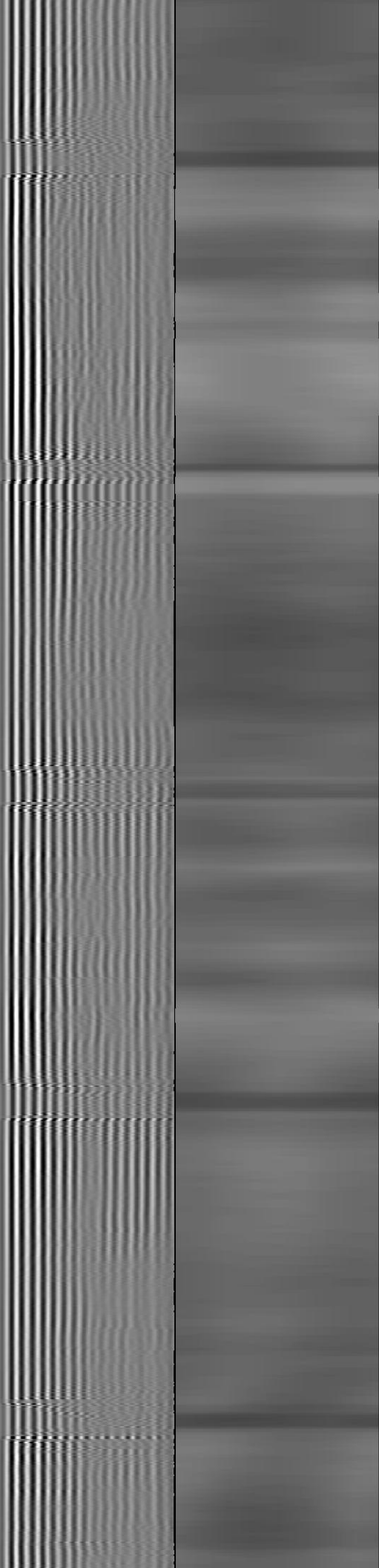
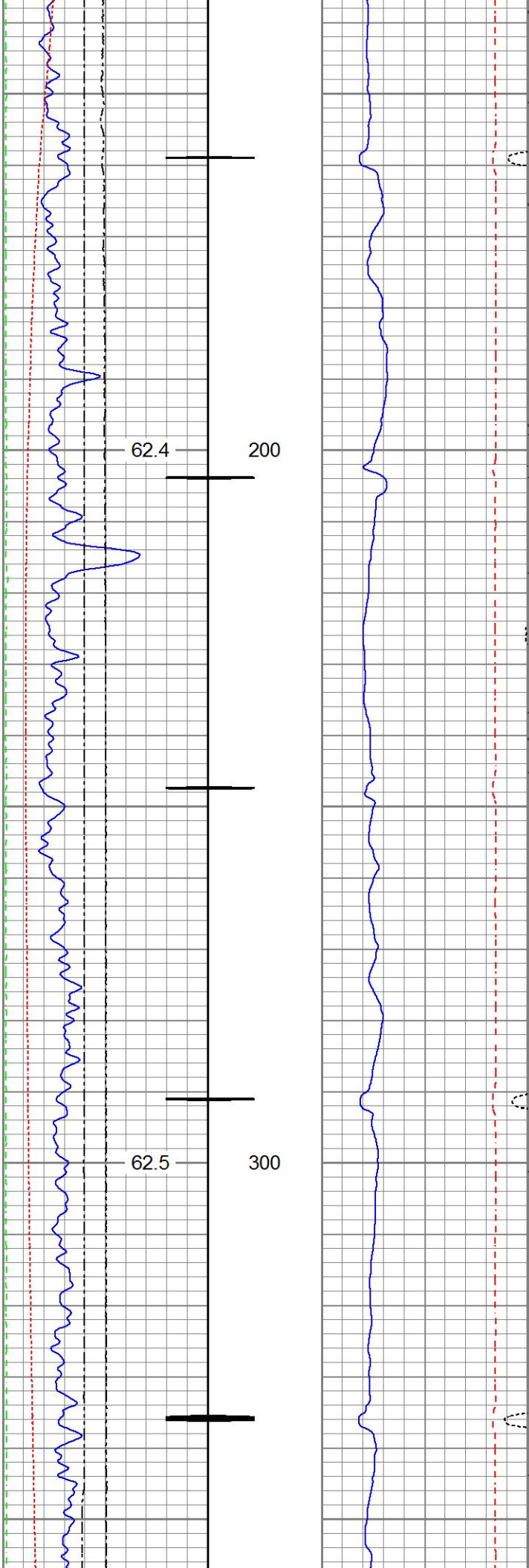
Recorded With 2800 PSI Surface Induced Pressure

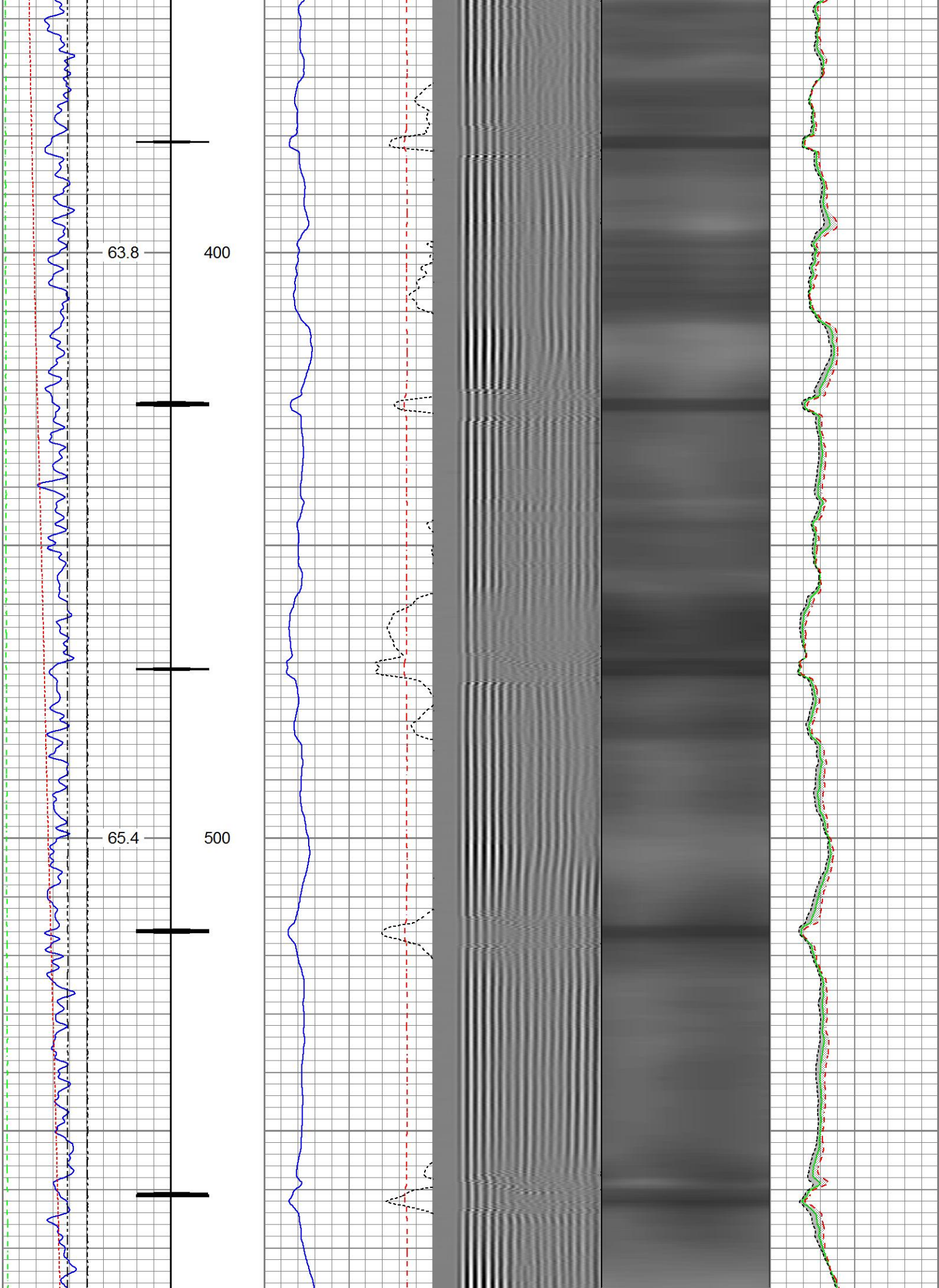
Database File	anadarko_chica_31c_23hz\0512344120_anadarko_chica_31c_23hz_06-12-17_rbl.db
Dataset Pathname	pass5.1
Presentation Format	ros_rbt004_sx
Dataset Creation	Mon Jun 12 16:24:24 2017
Charted by	Depth in Feet scaled 1:240

Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 120	0 (mV) 100	200 1200		0 100
Casing Collar Locator	3' Amplitude x 5			Minimum Amplitude
Line Speed	0 (mV) 20			0 100
-150 (ft/min) 150	3' Travel Time			Maximum Amplitude
Line Tension	650 (usec) 150			0 100
0 (lb) 2000				
Differential Temperature				
-2 (degF) 2				
Temperature				
0 (degF) 20				

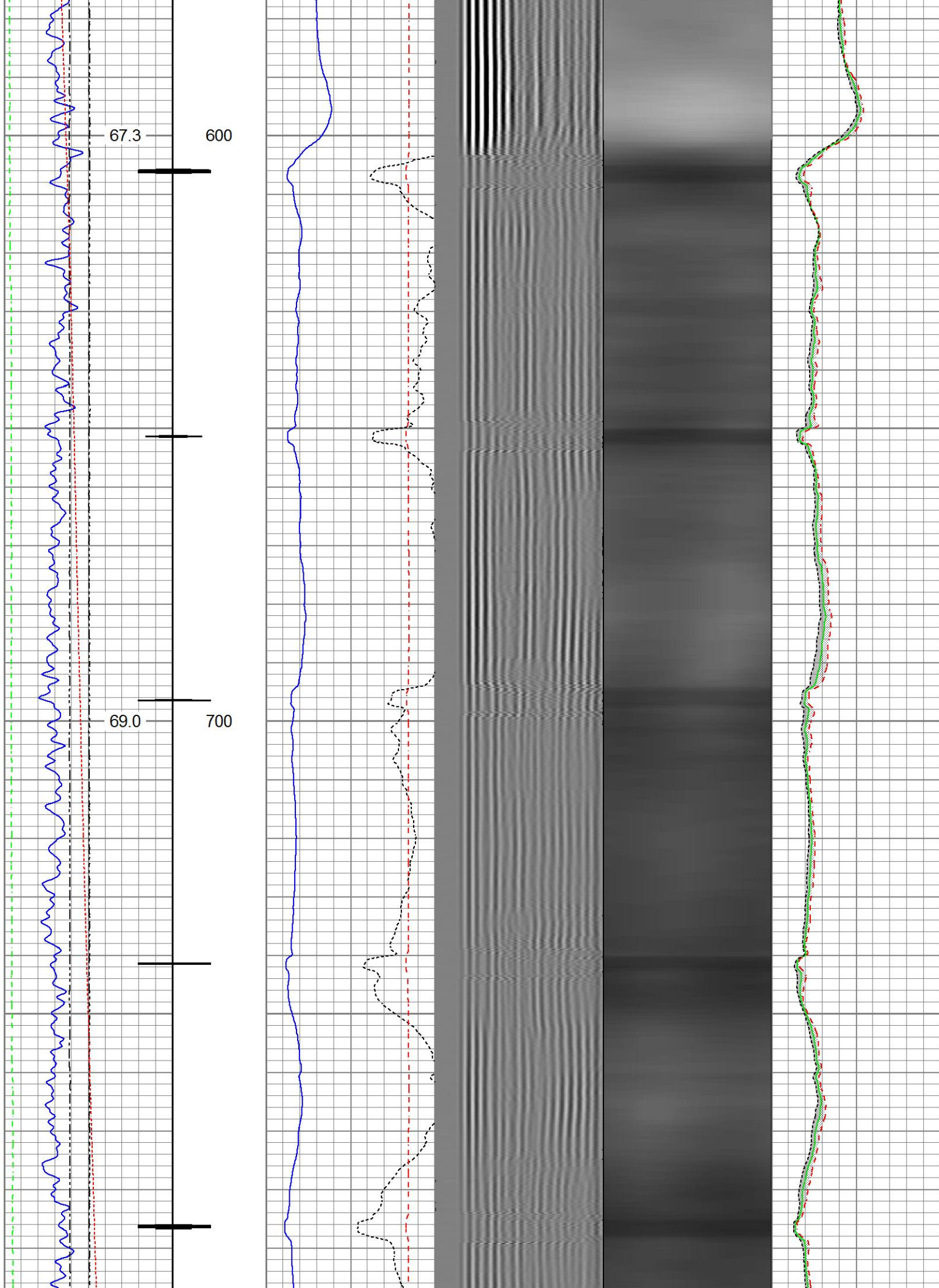


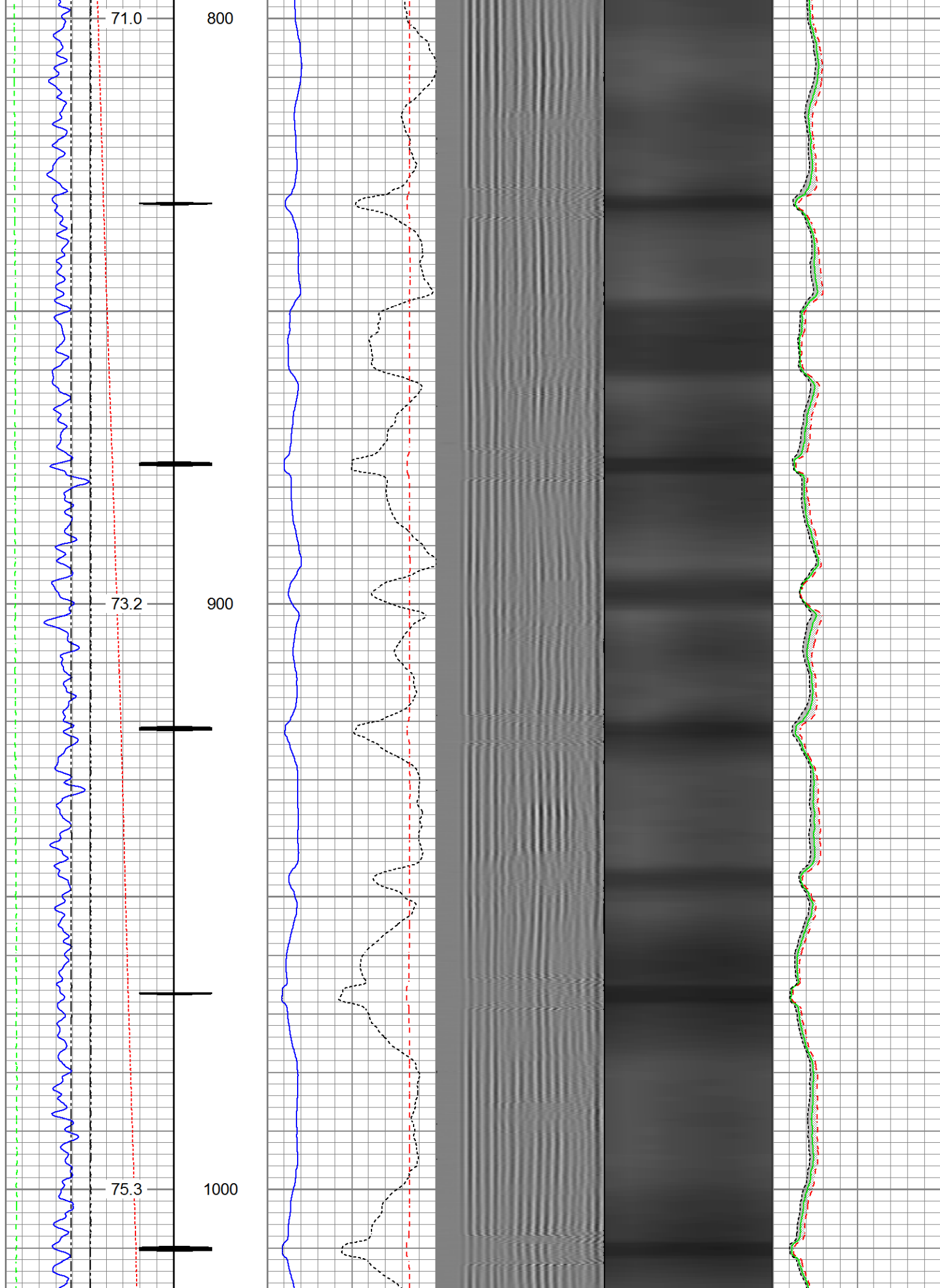




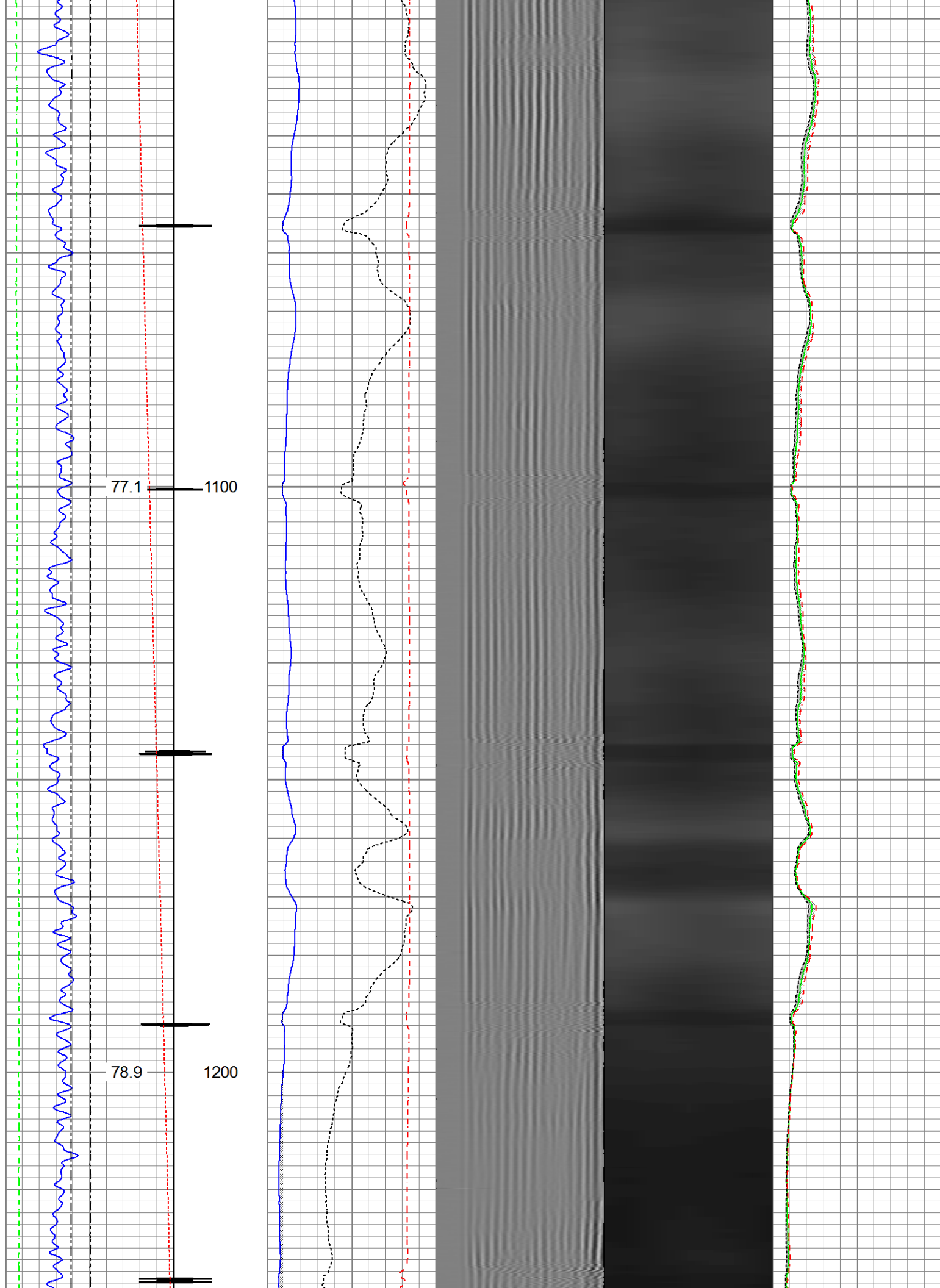


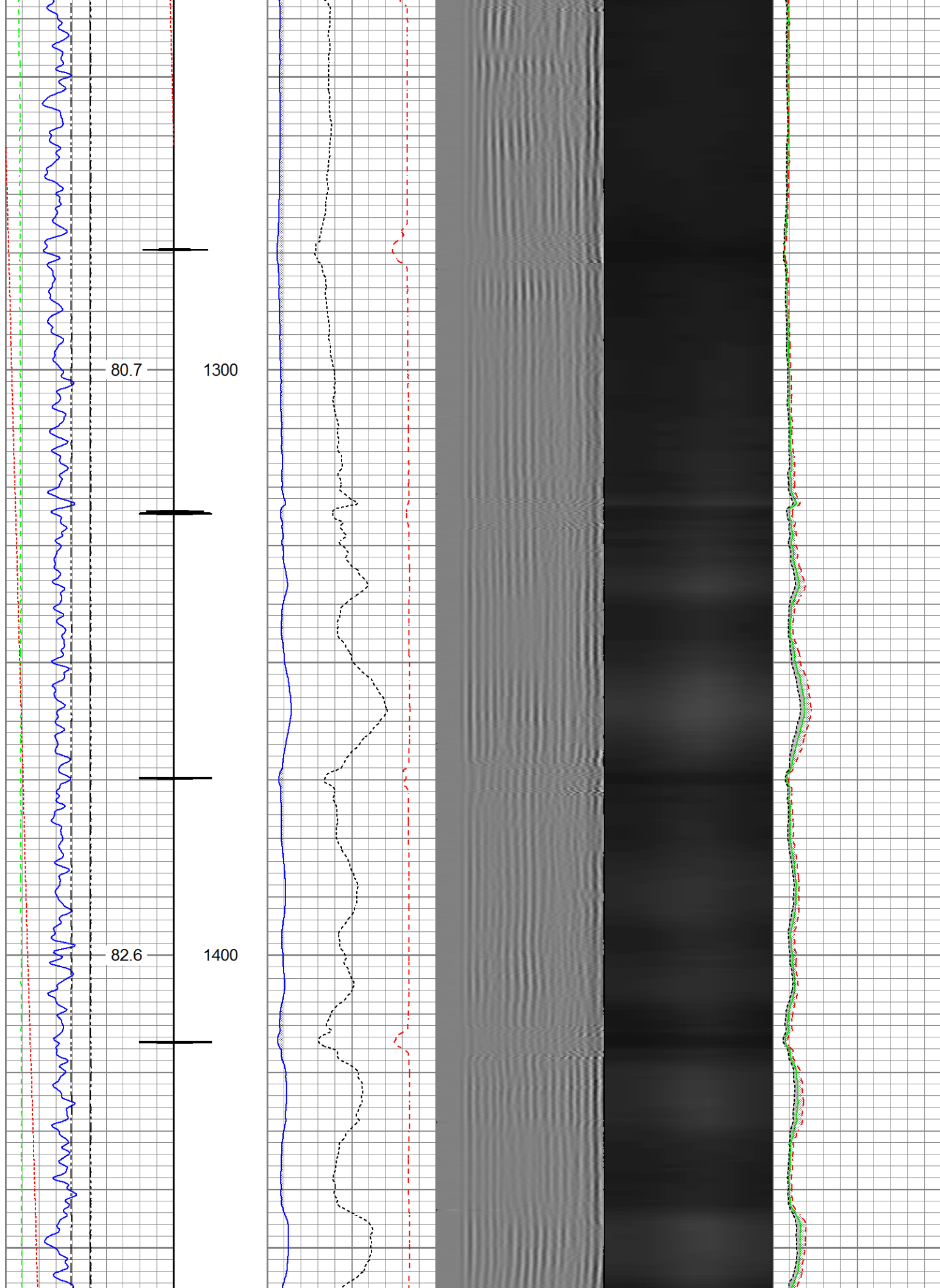




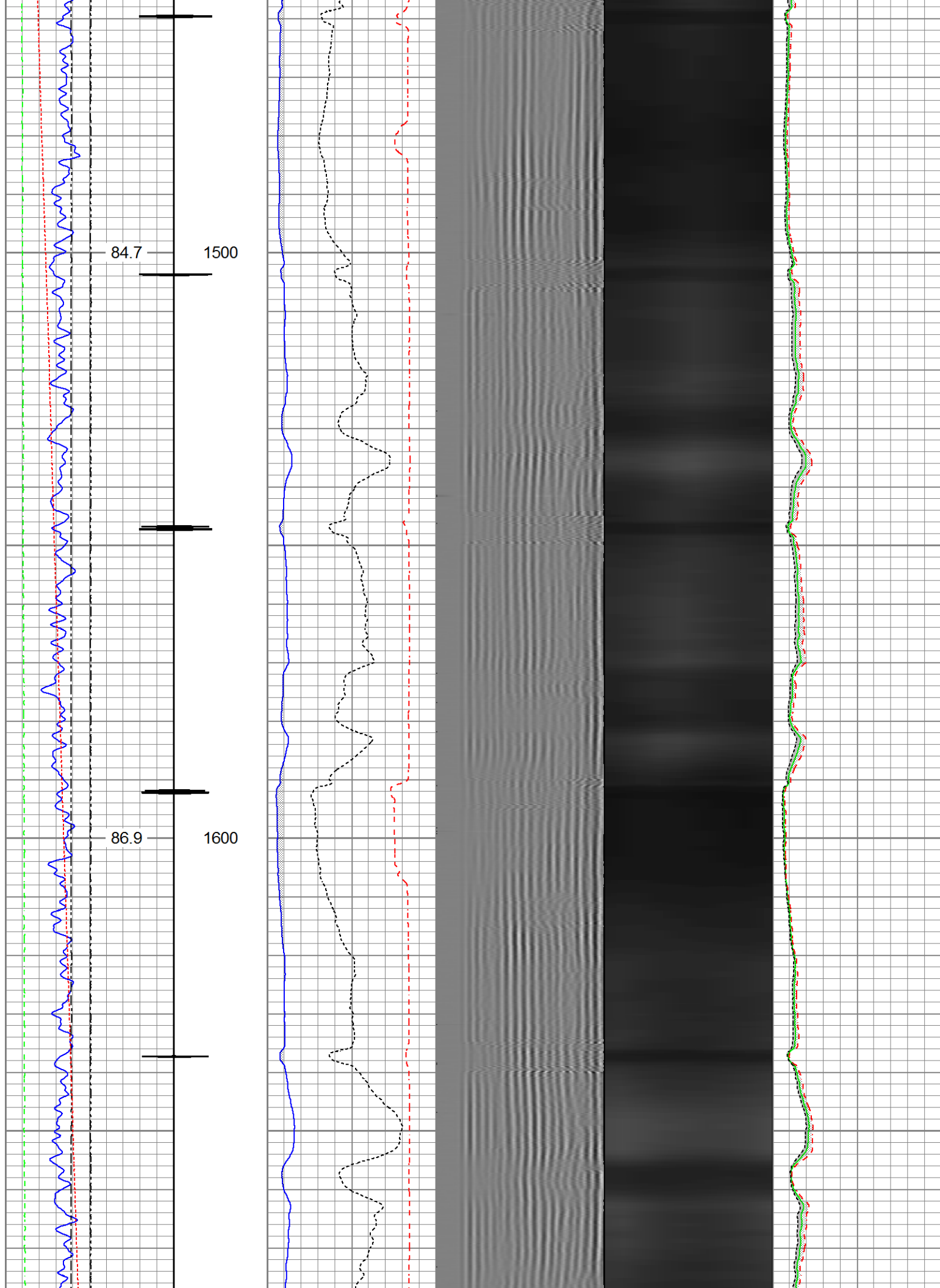


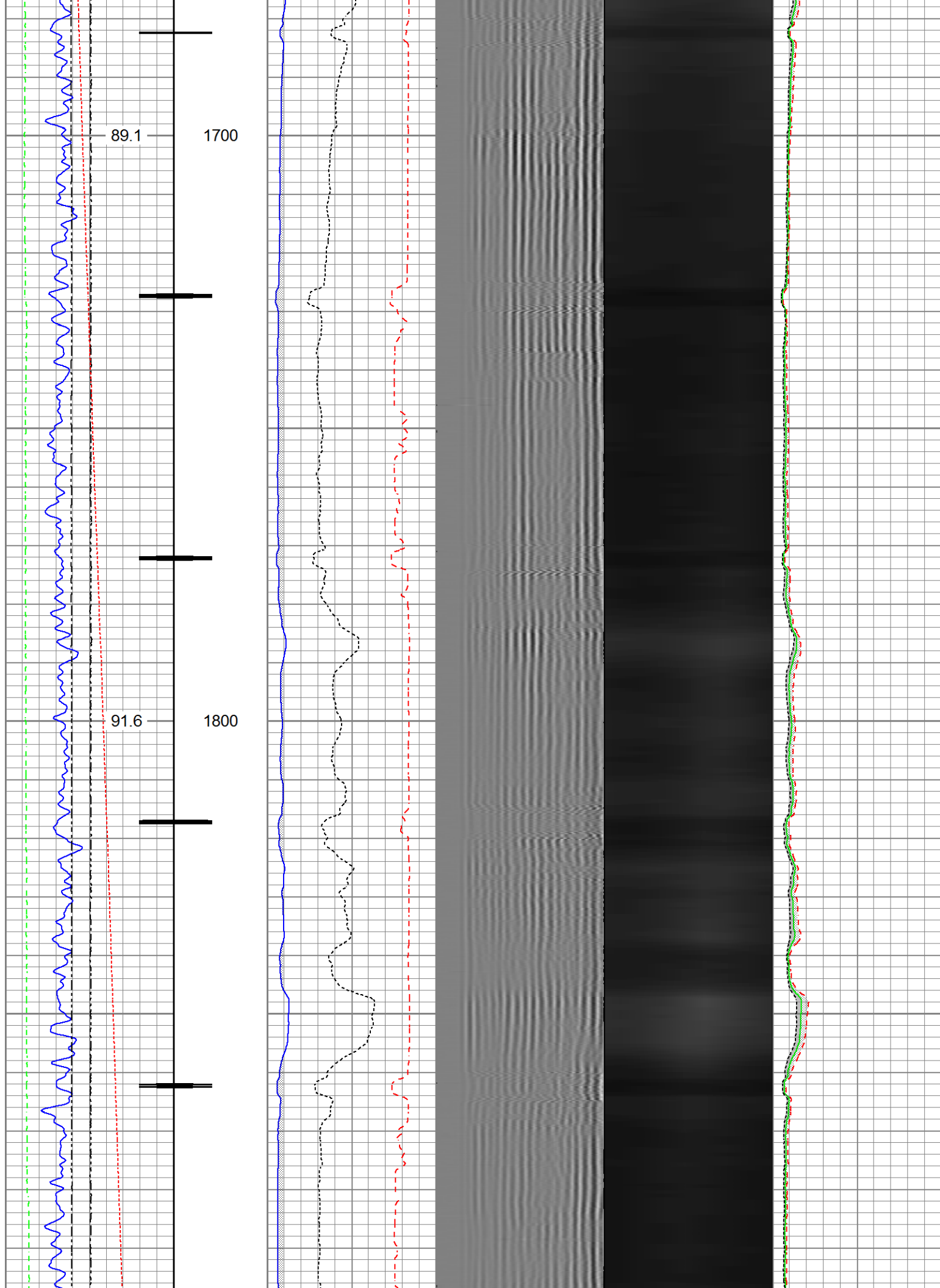




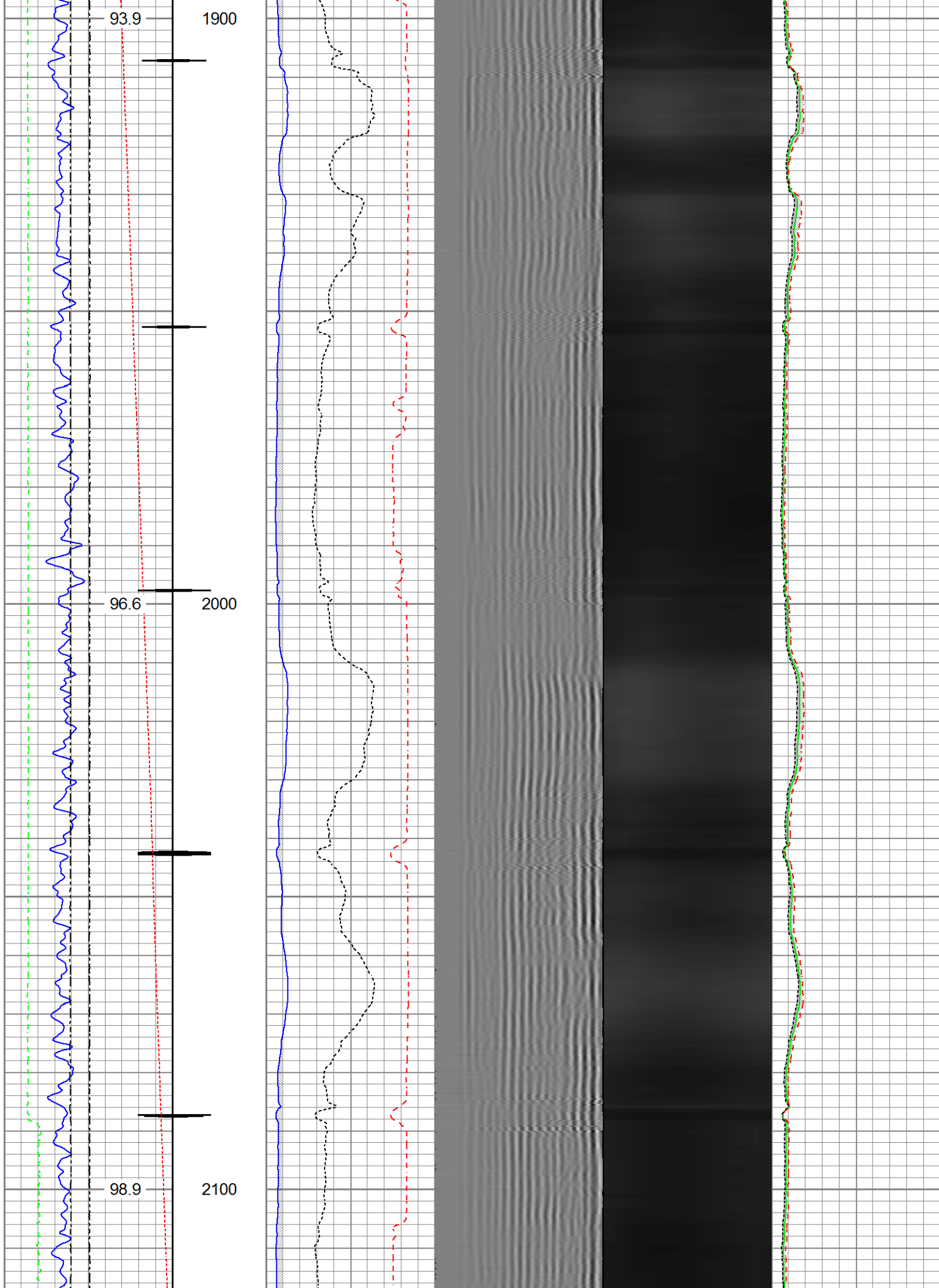


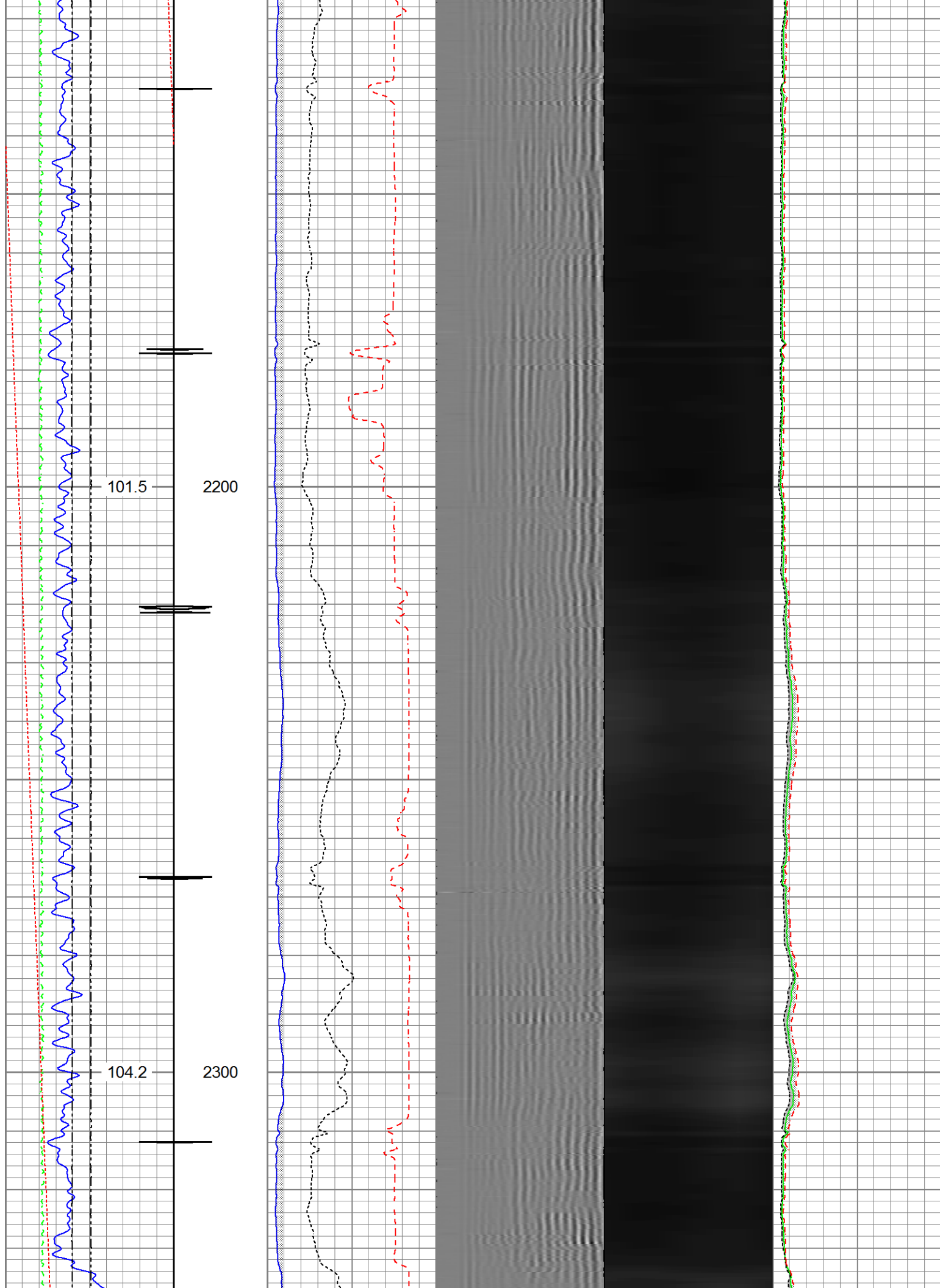




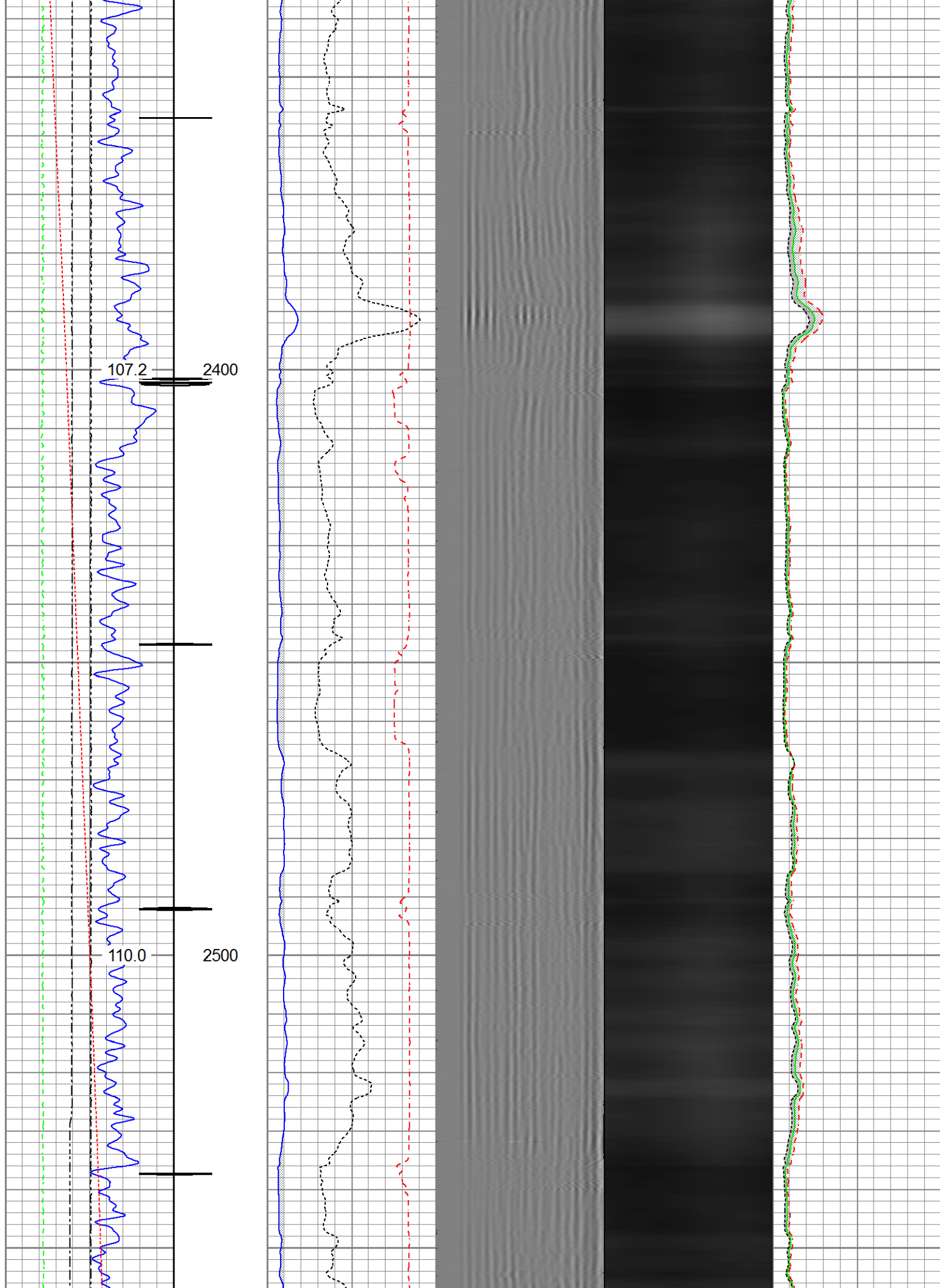


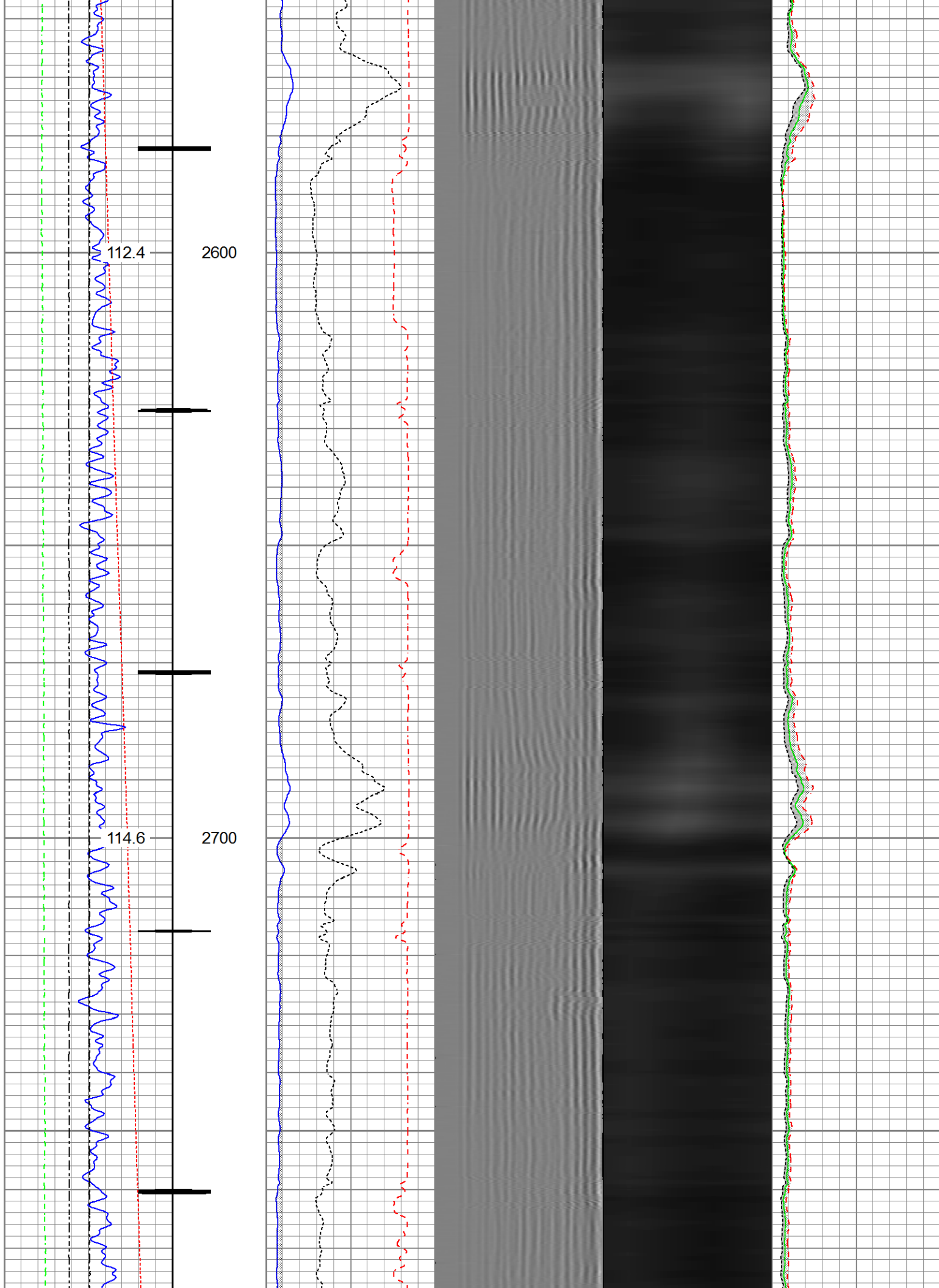


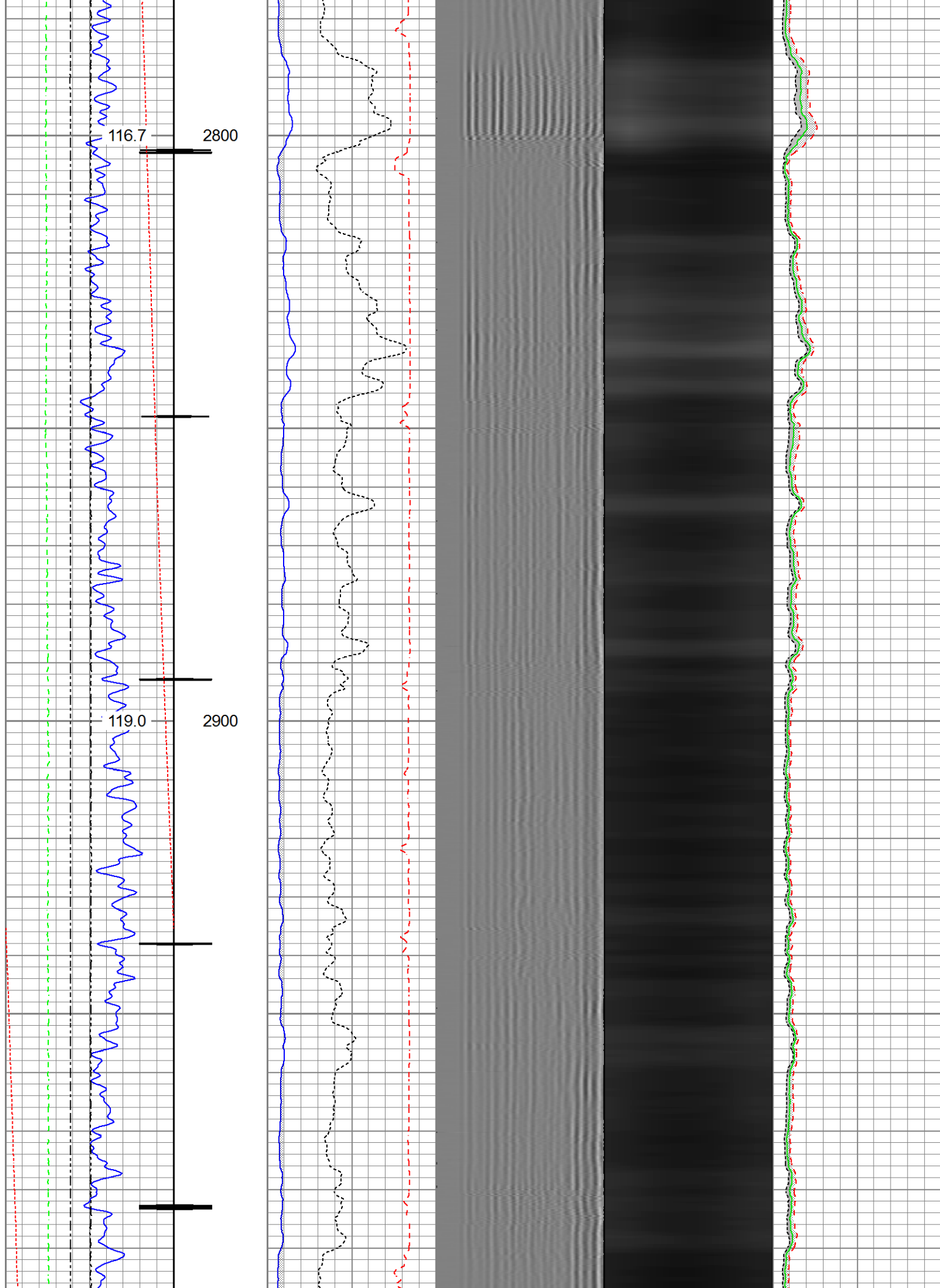




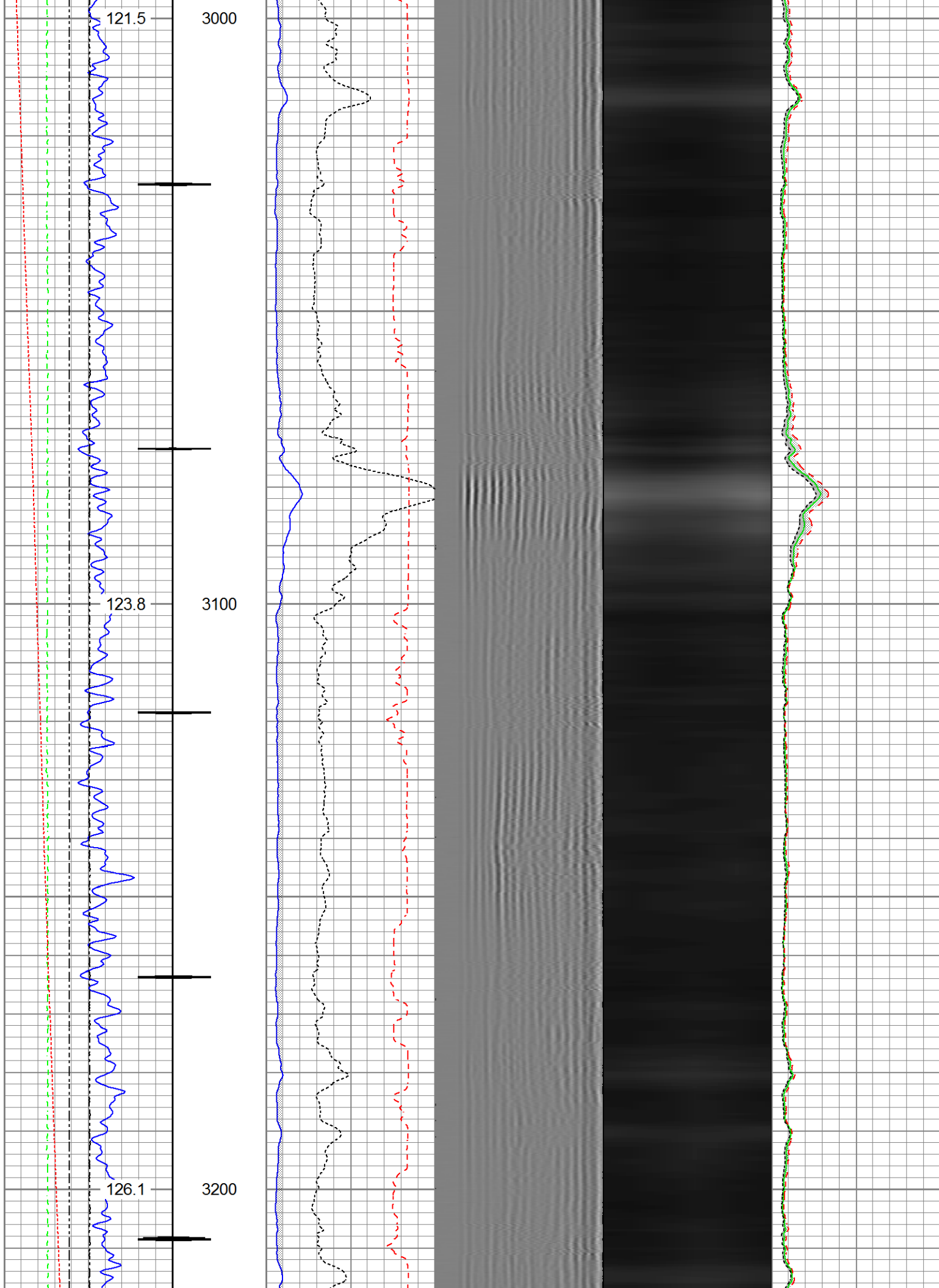


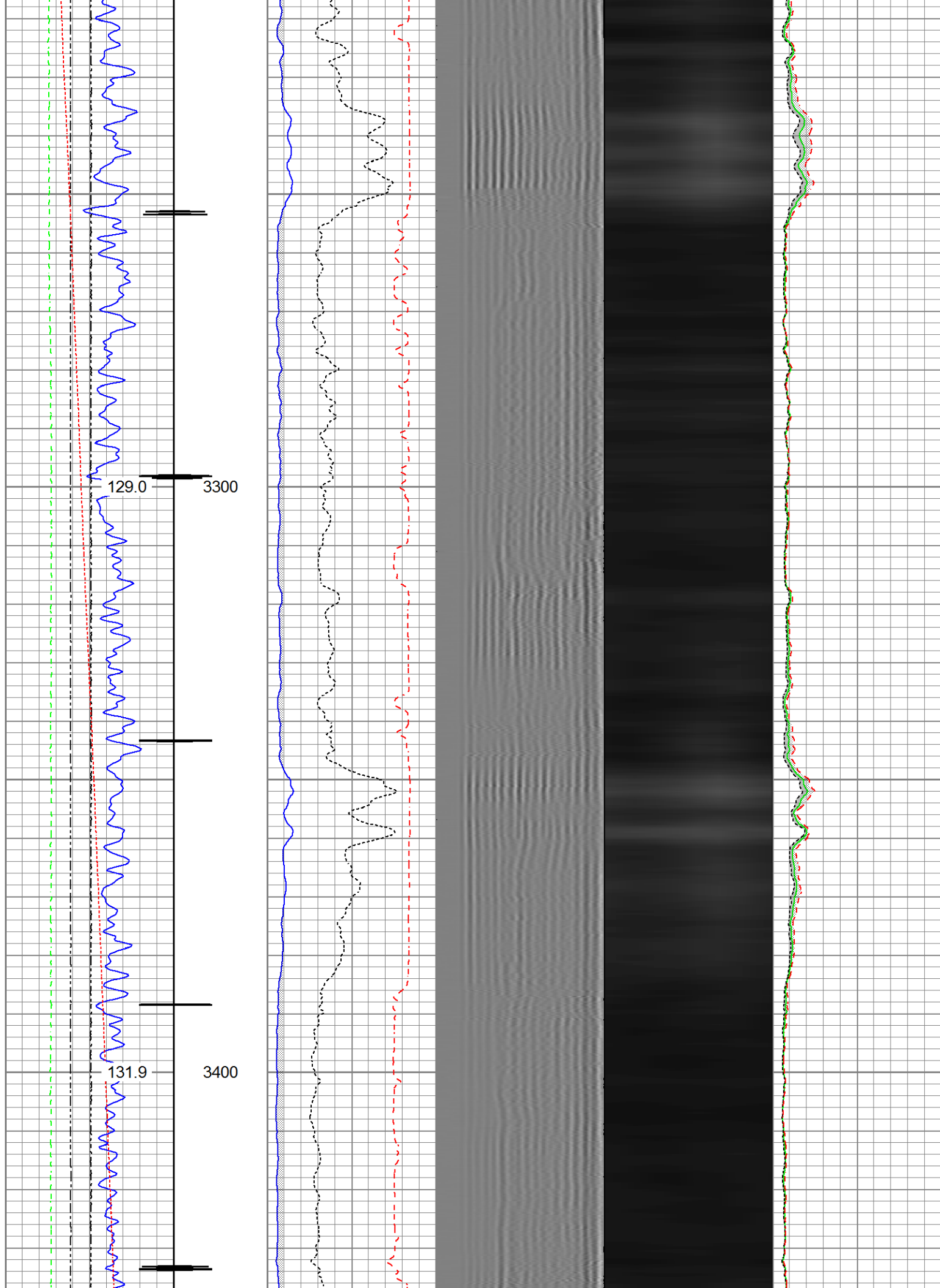


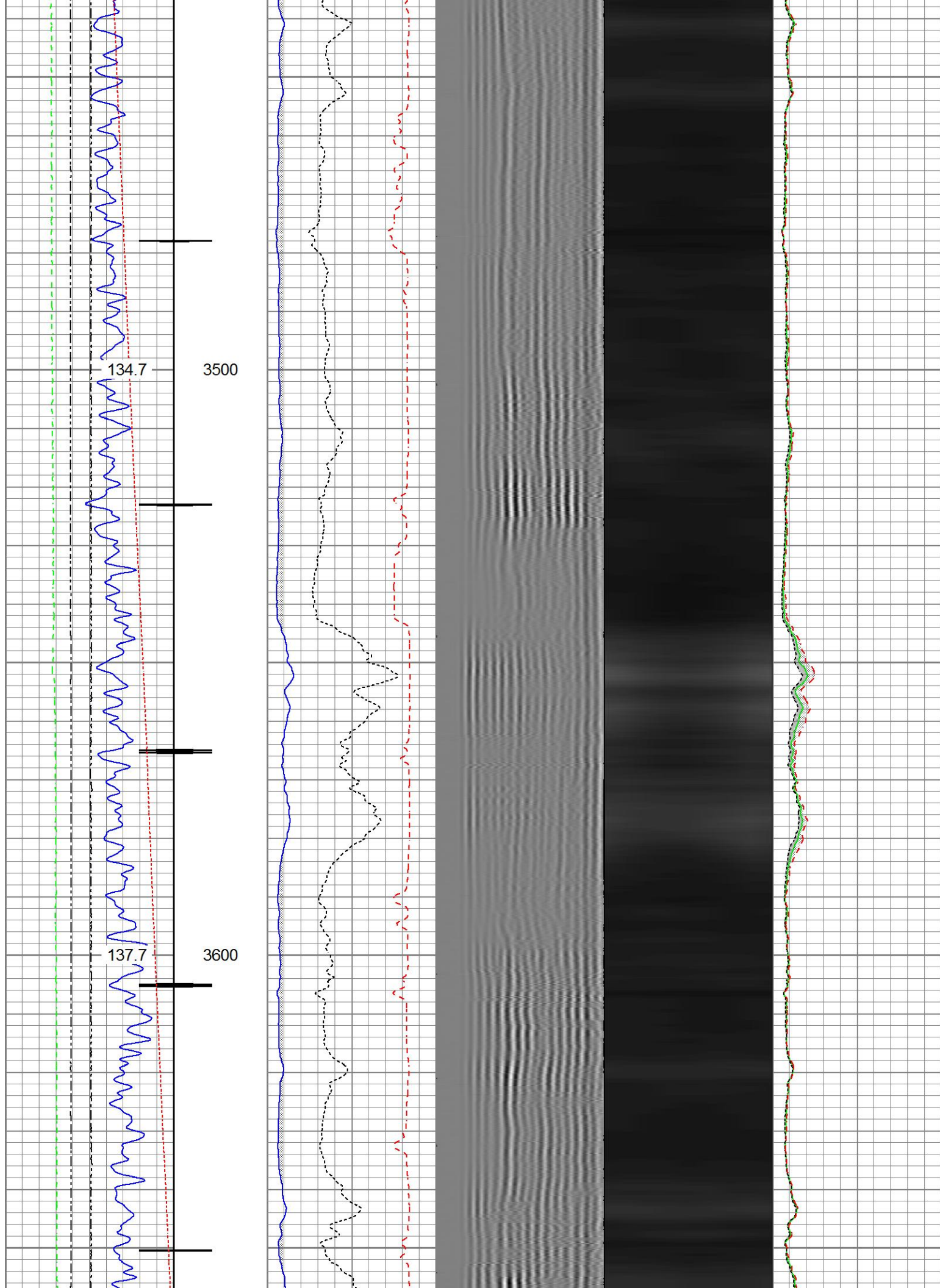




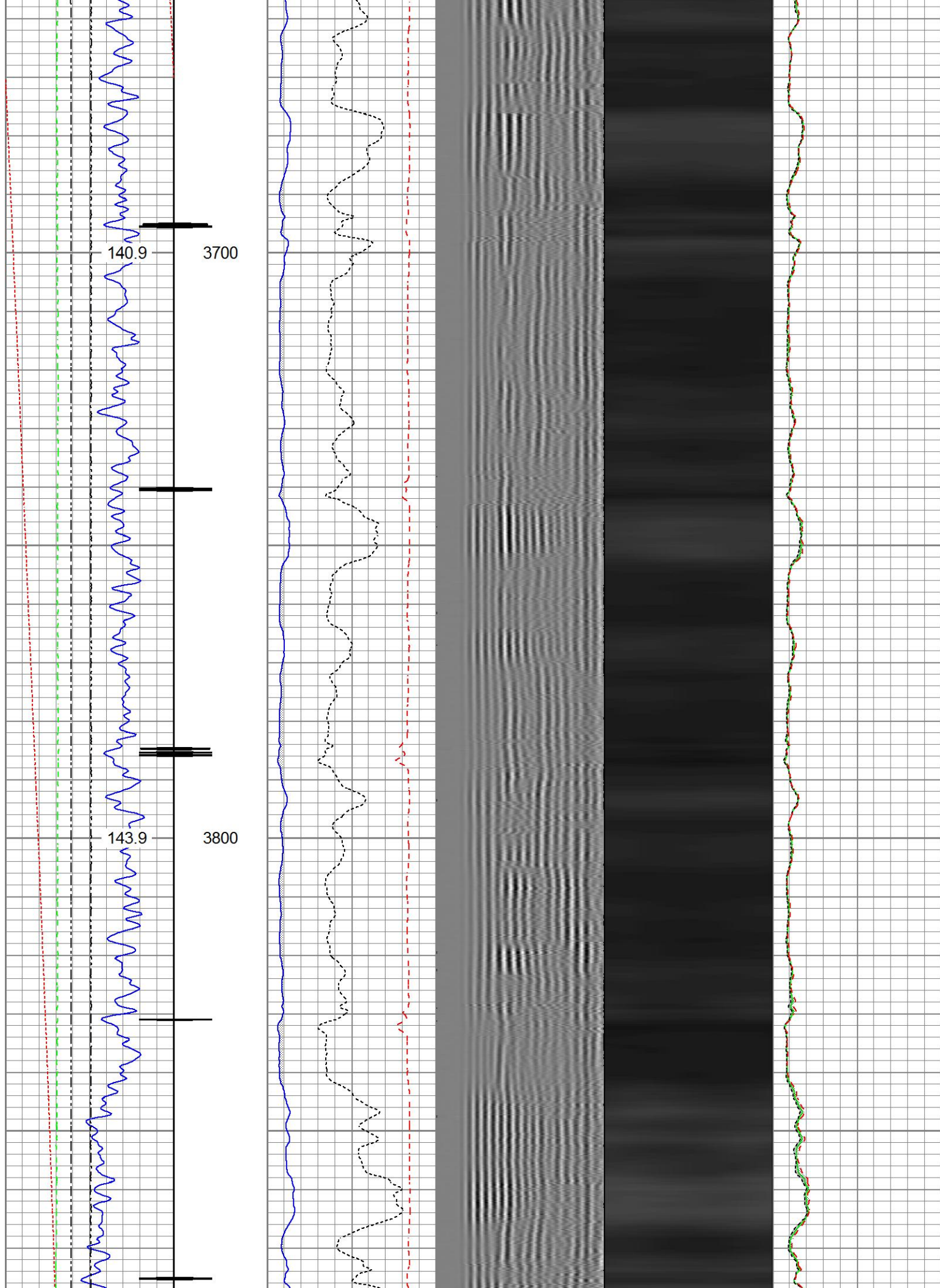


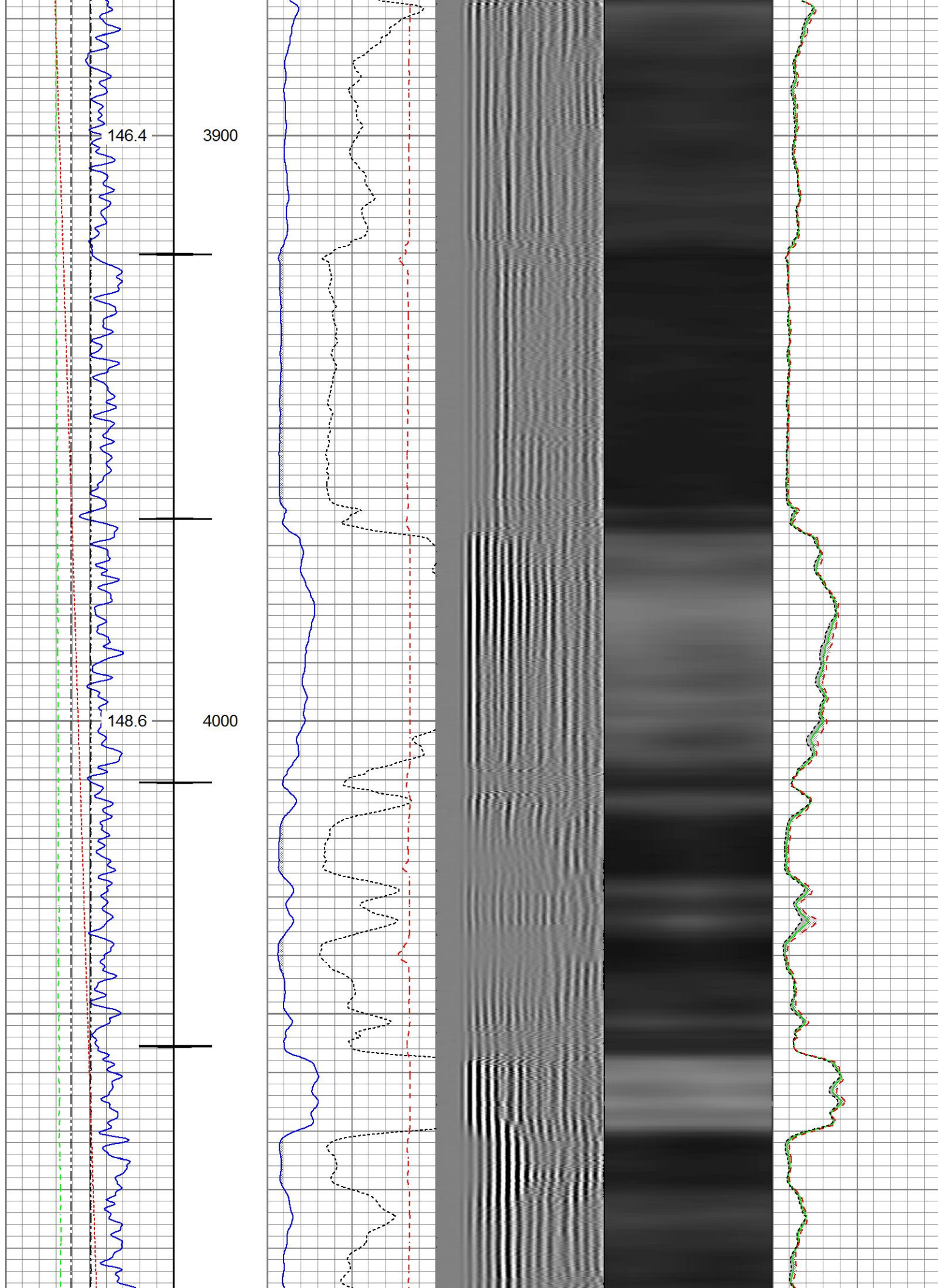




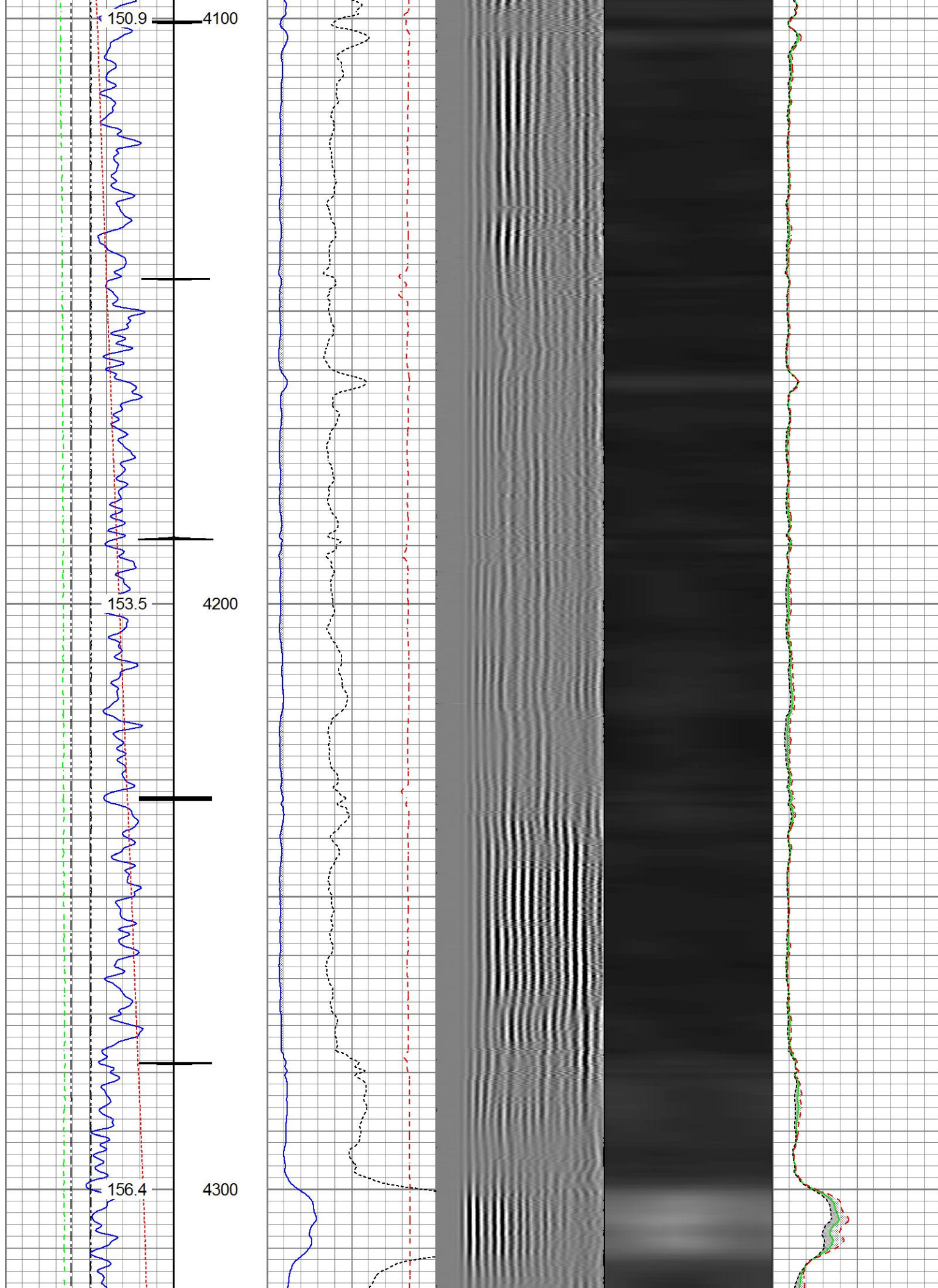




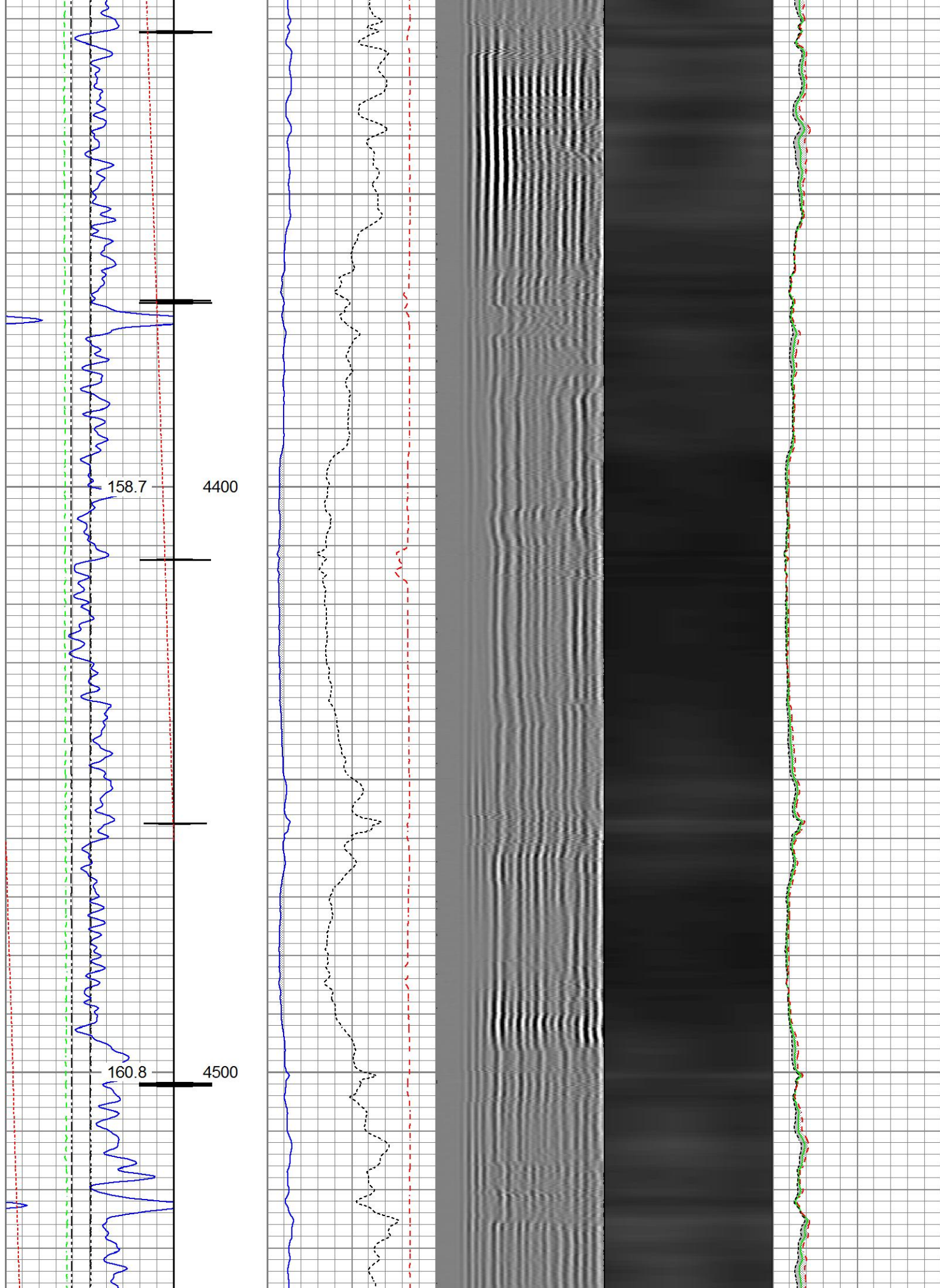


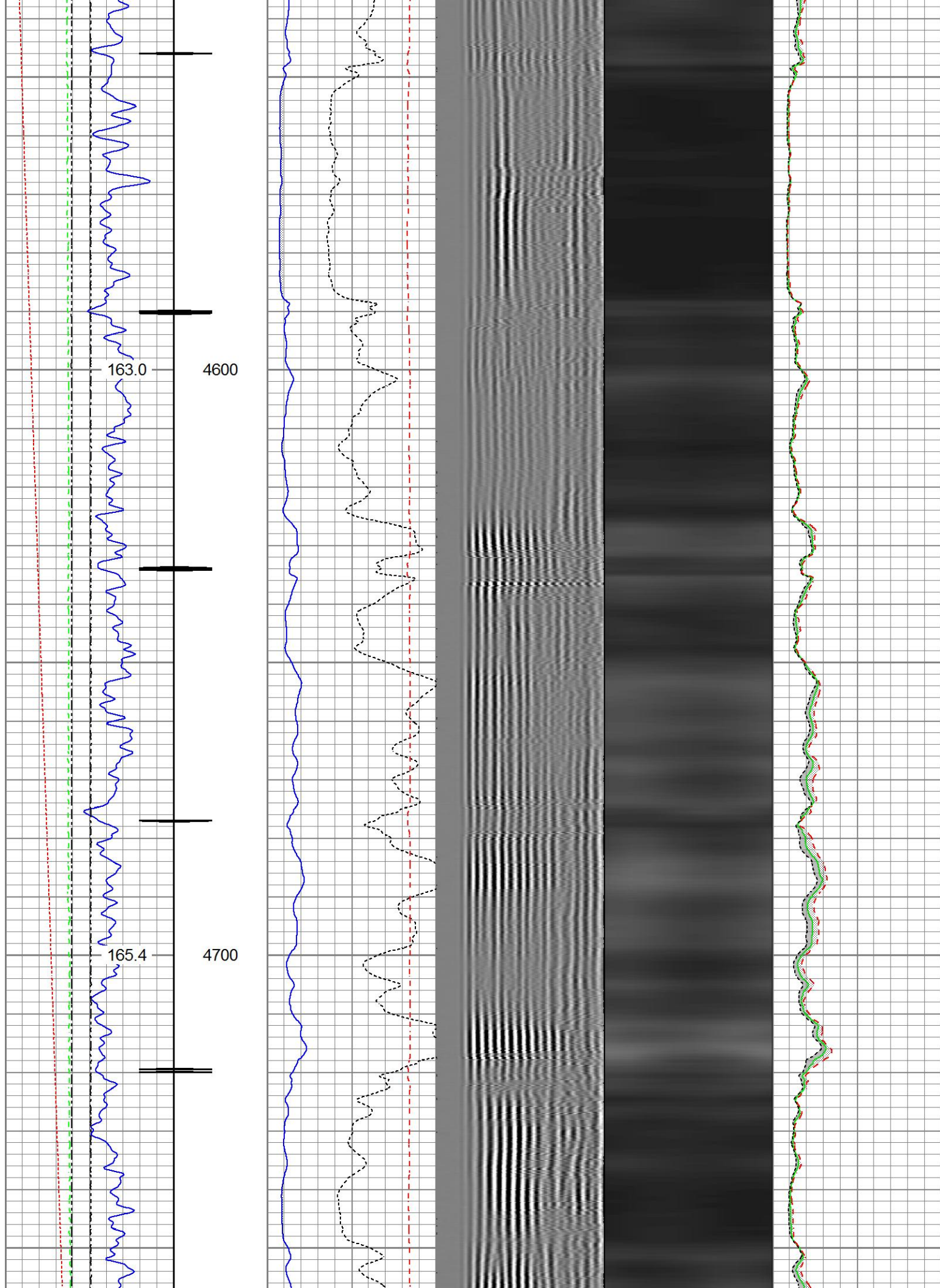




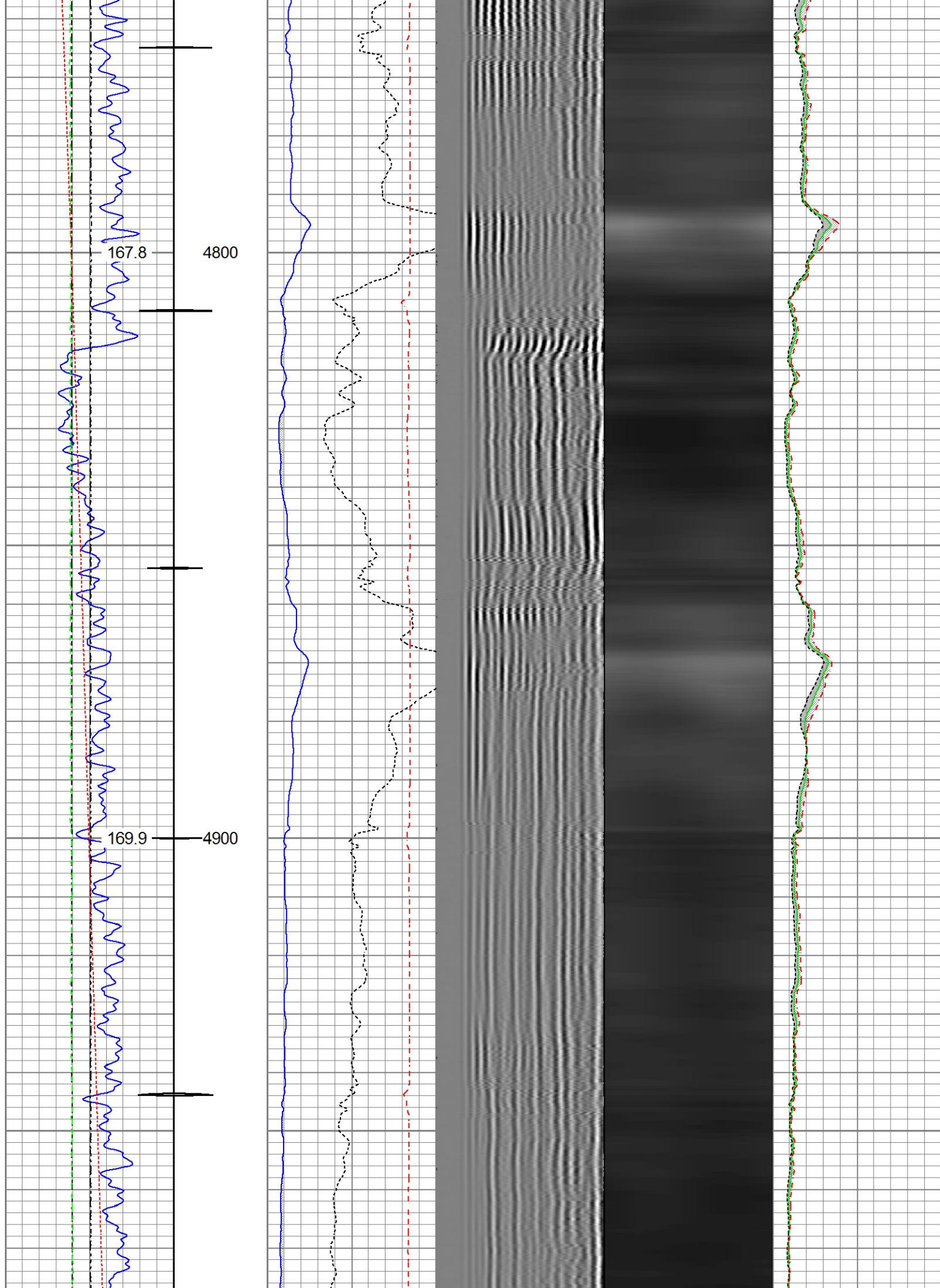


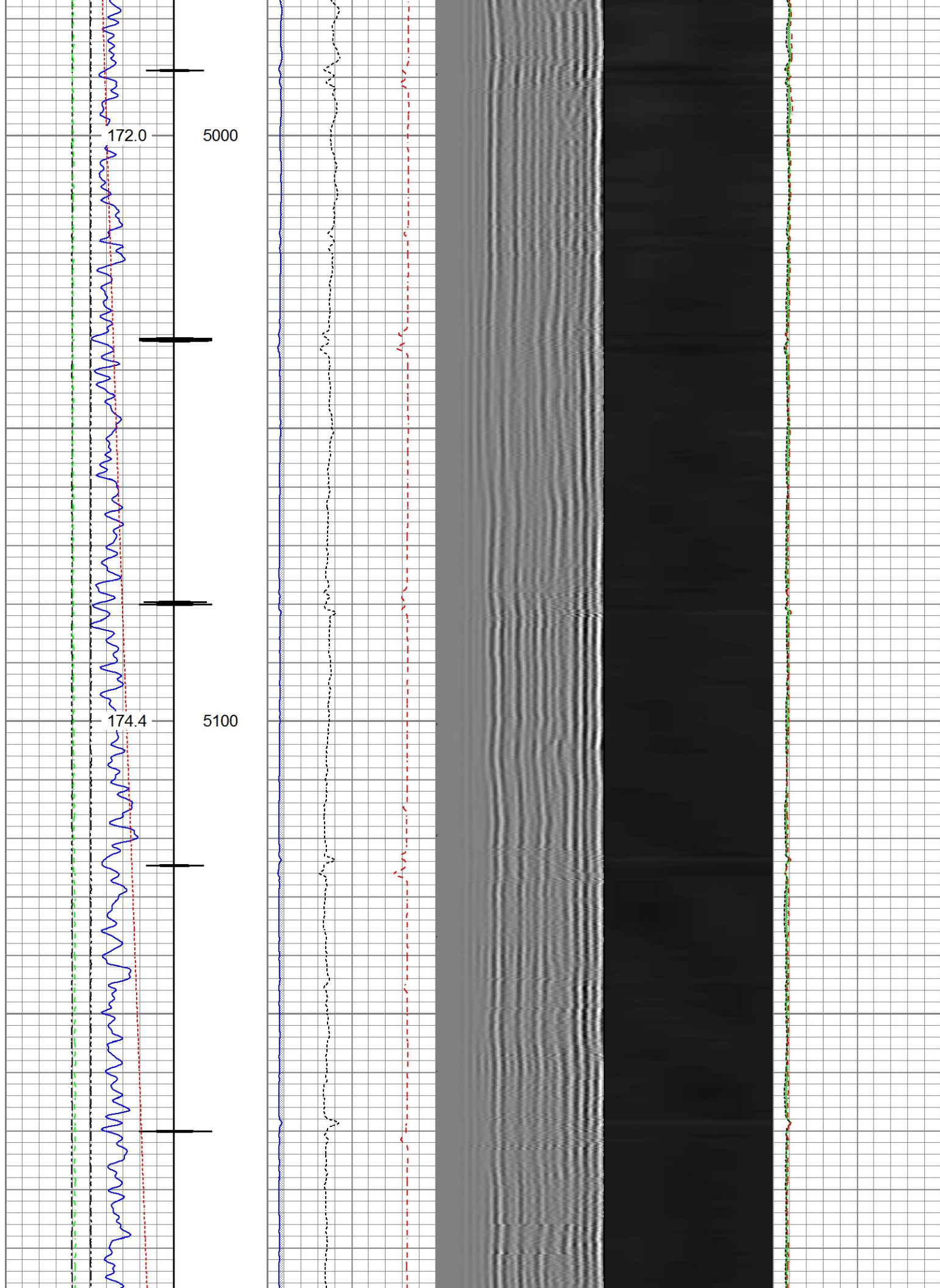




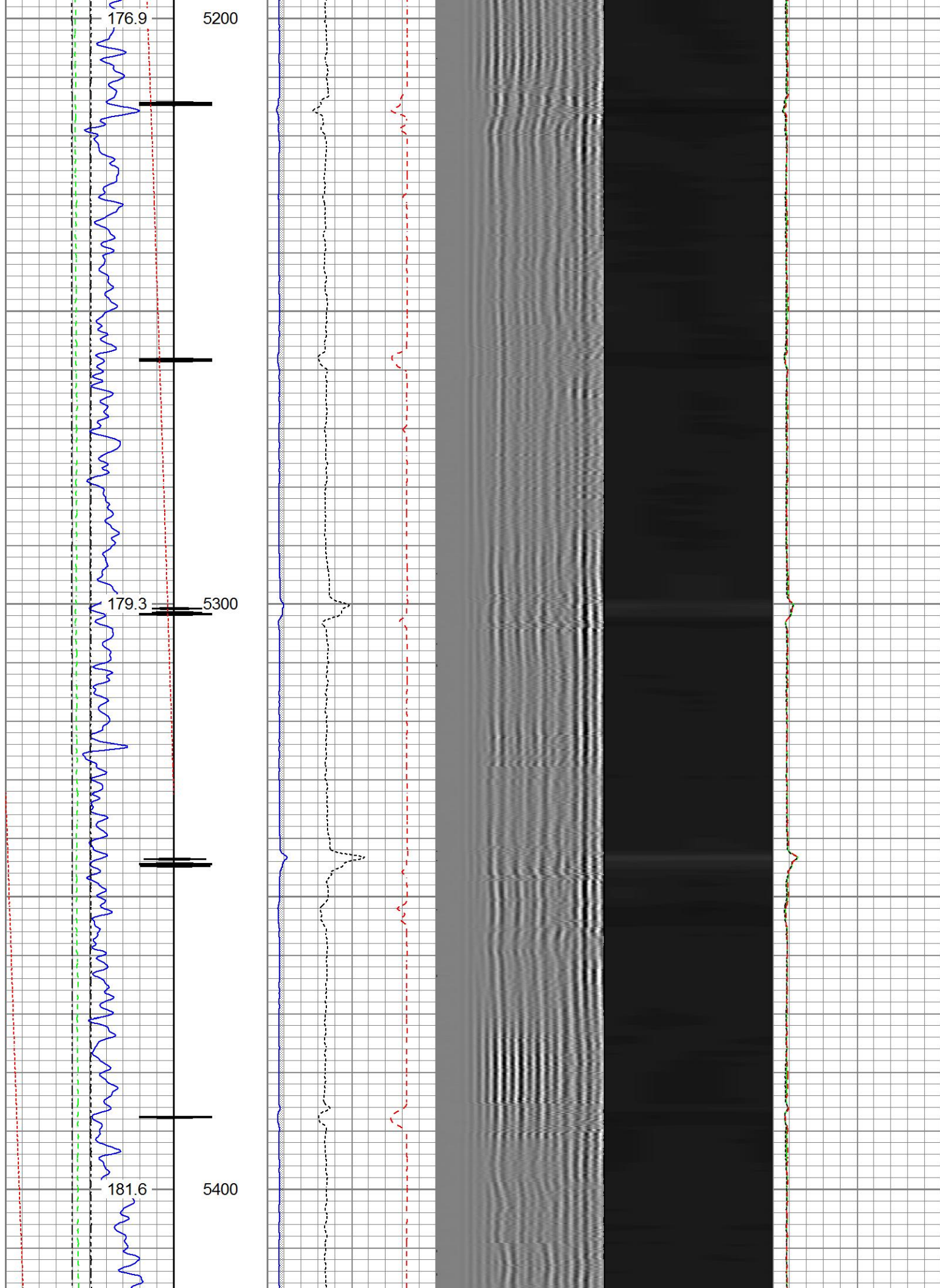


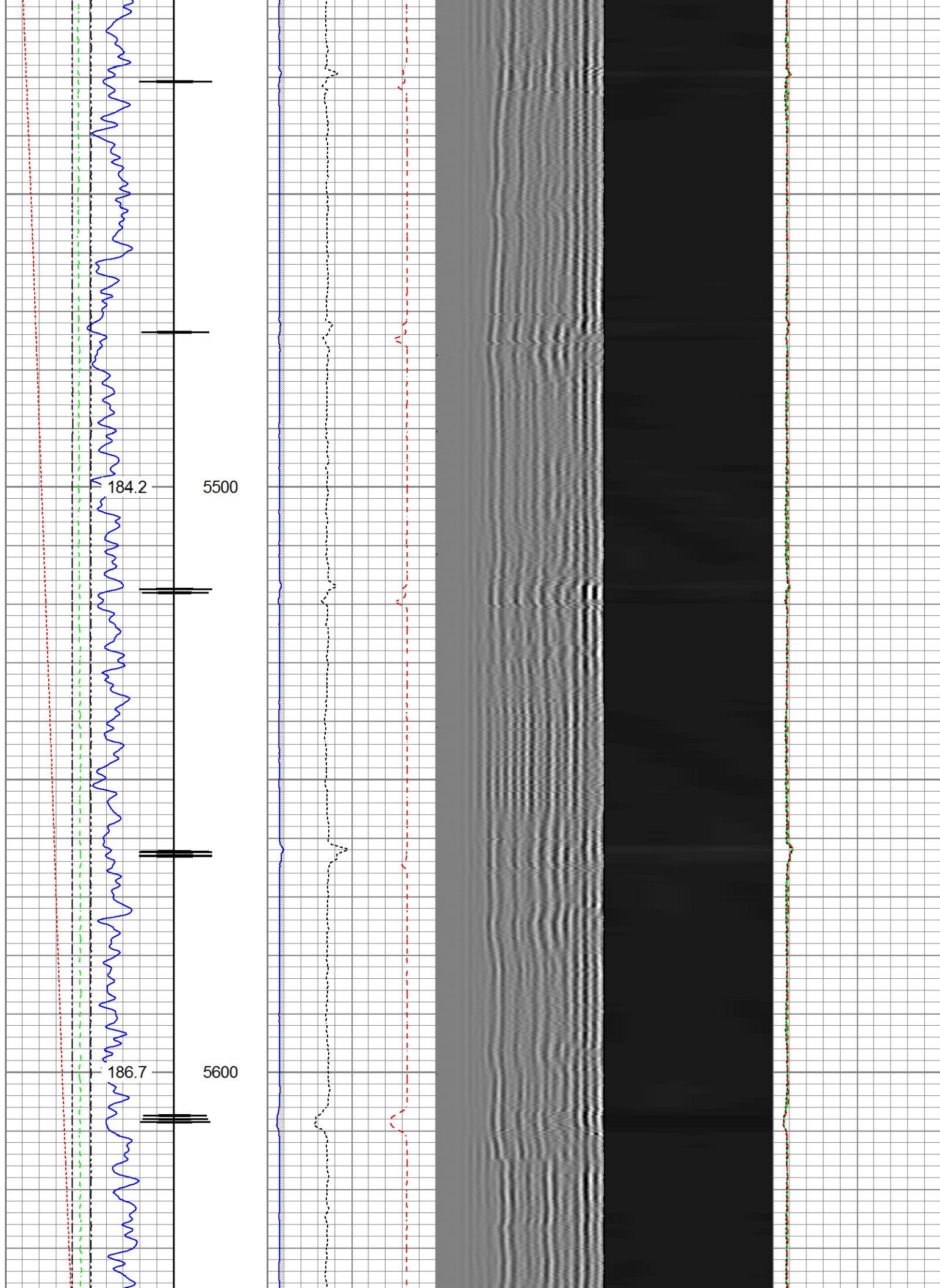




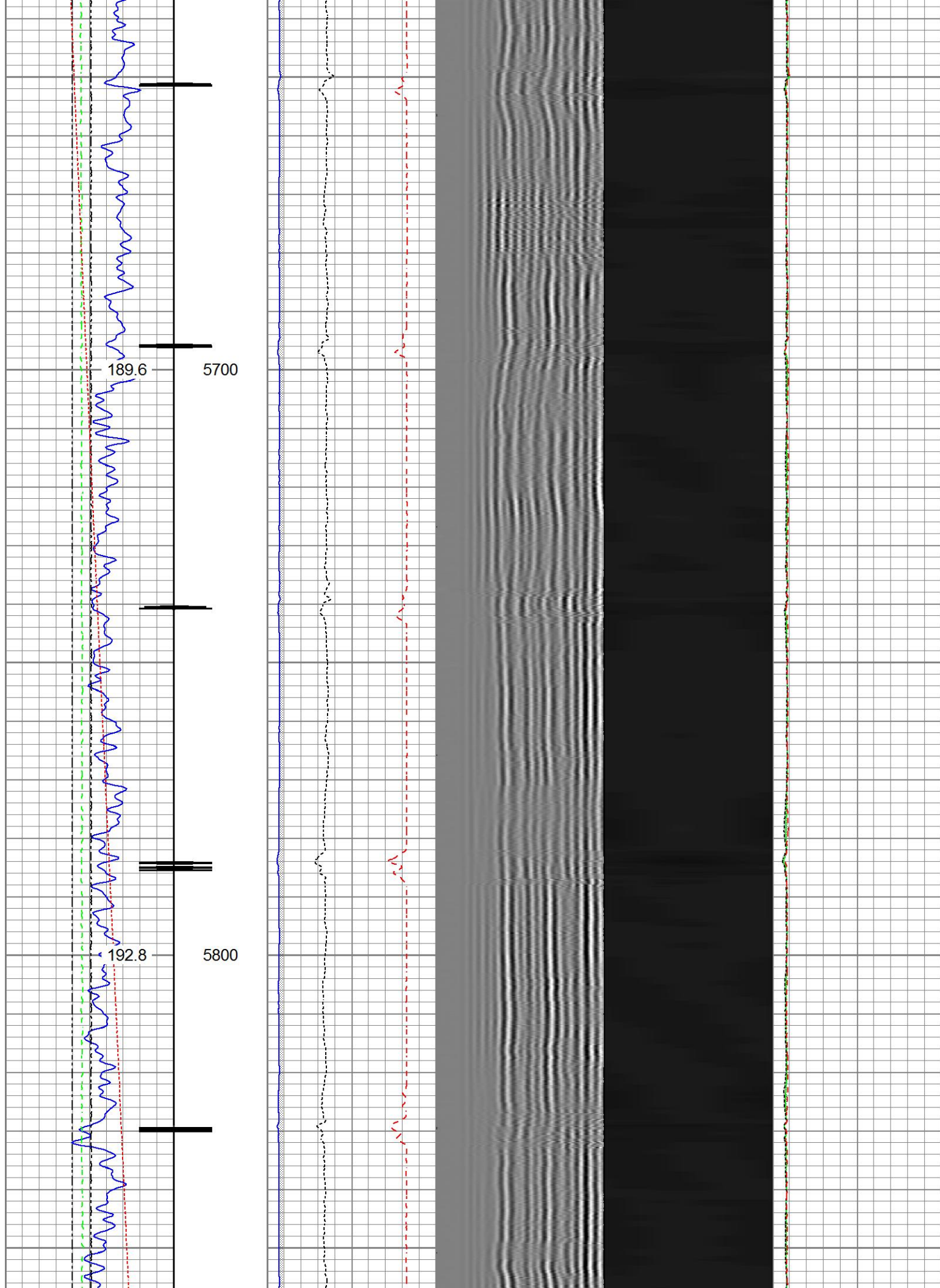




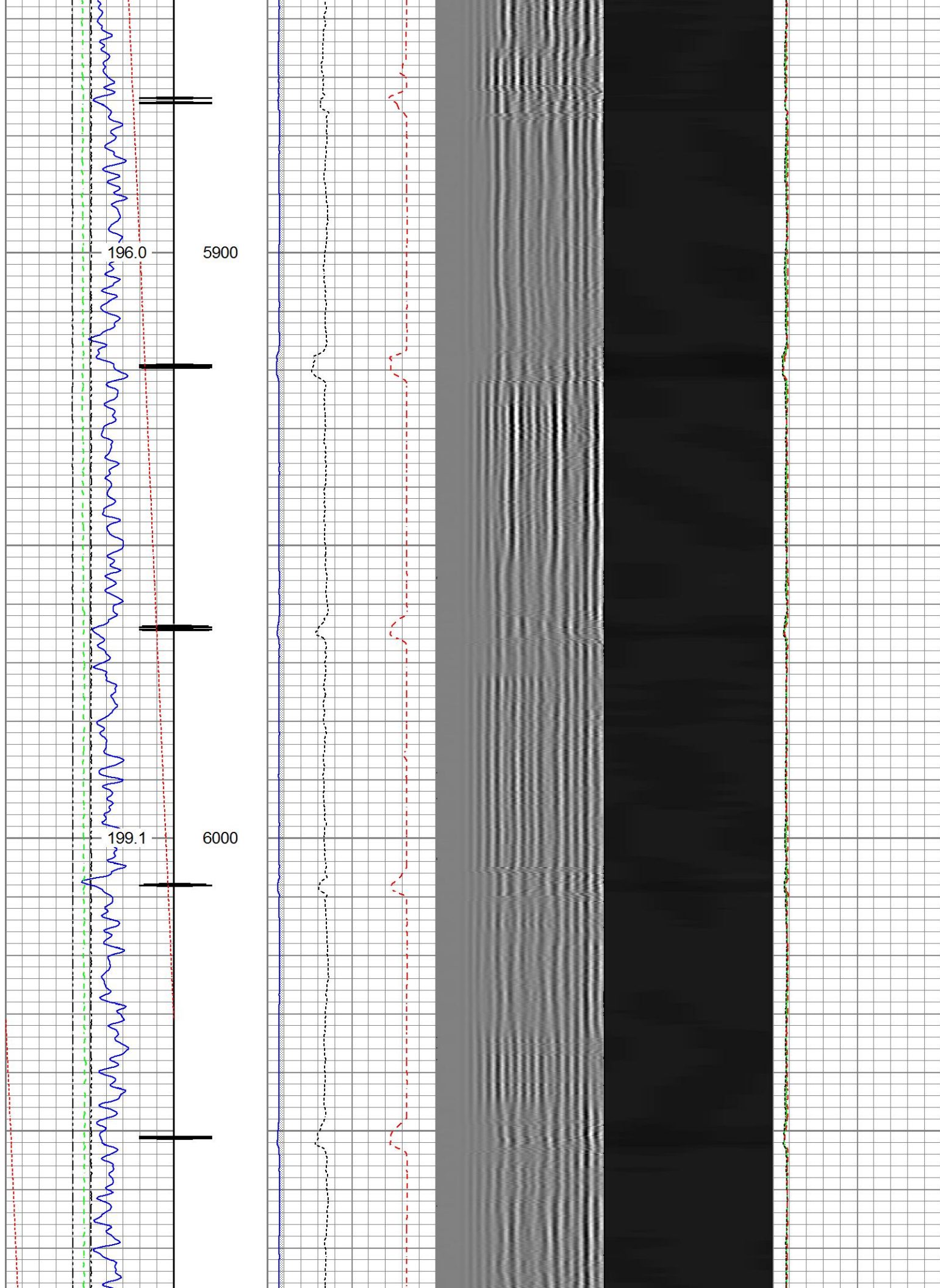


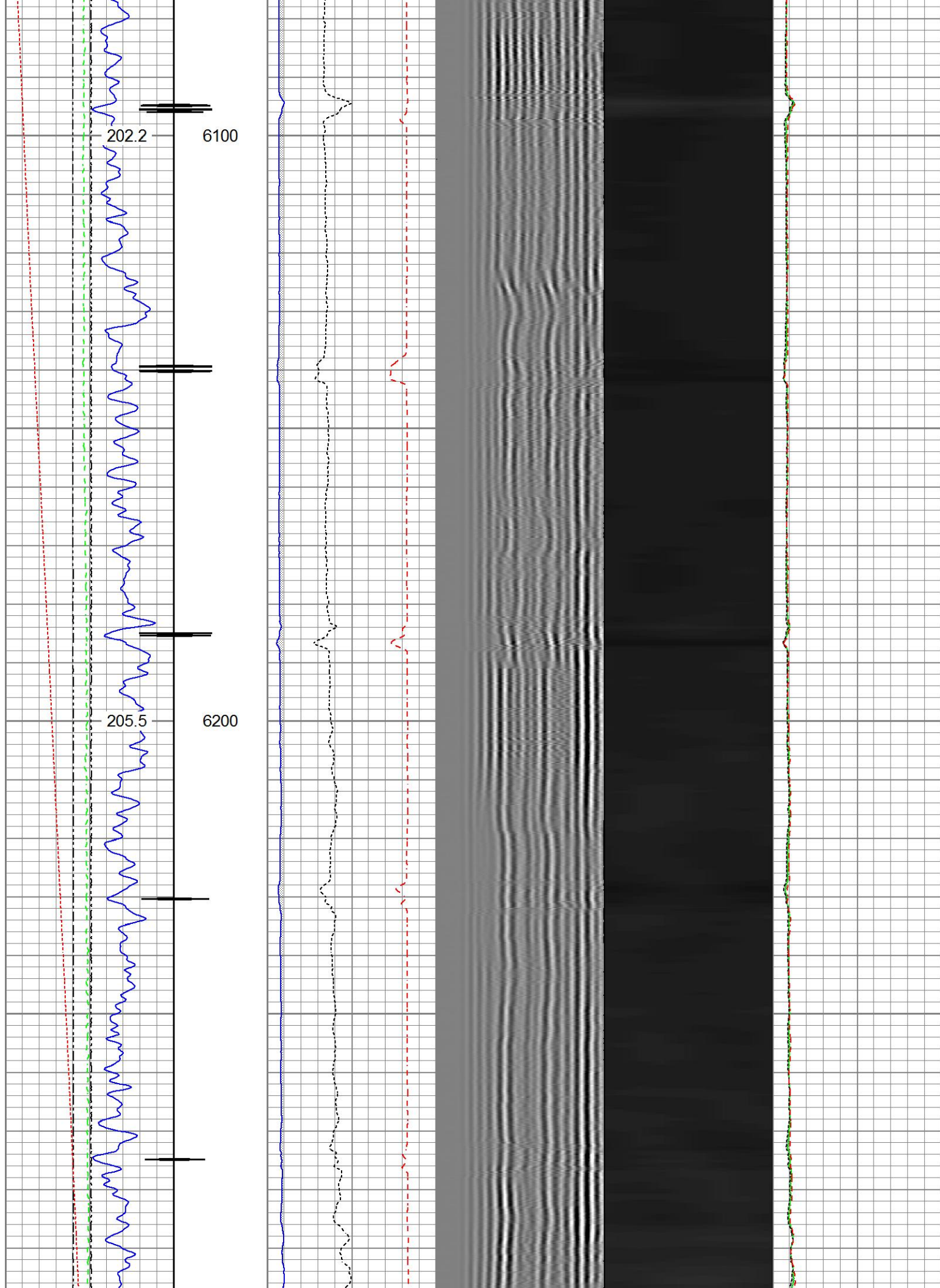




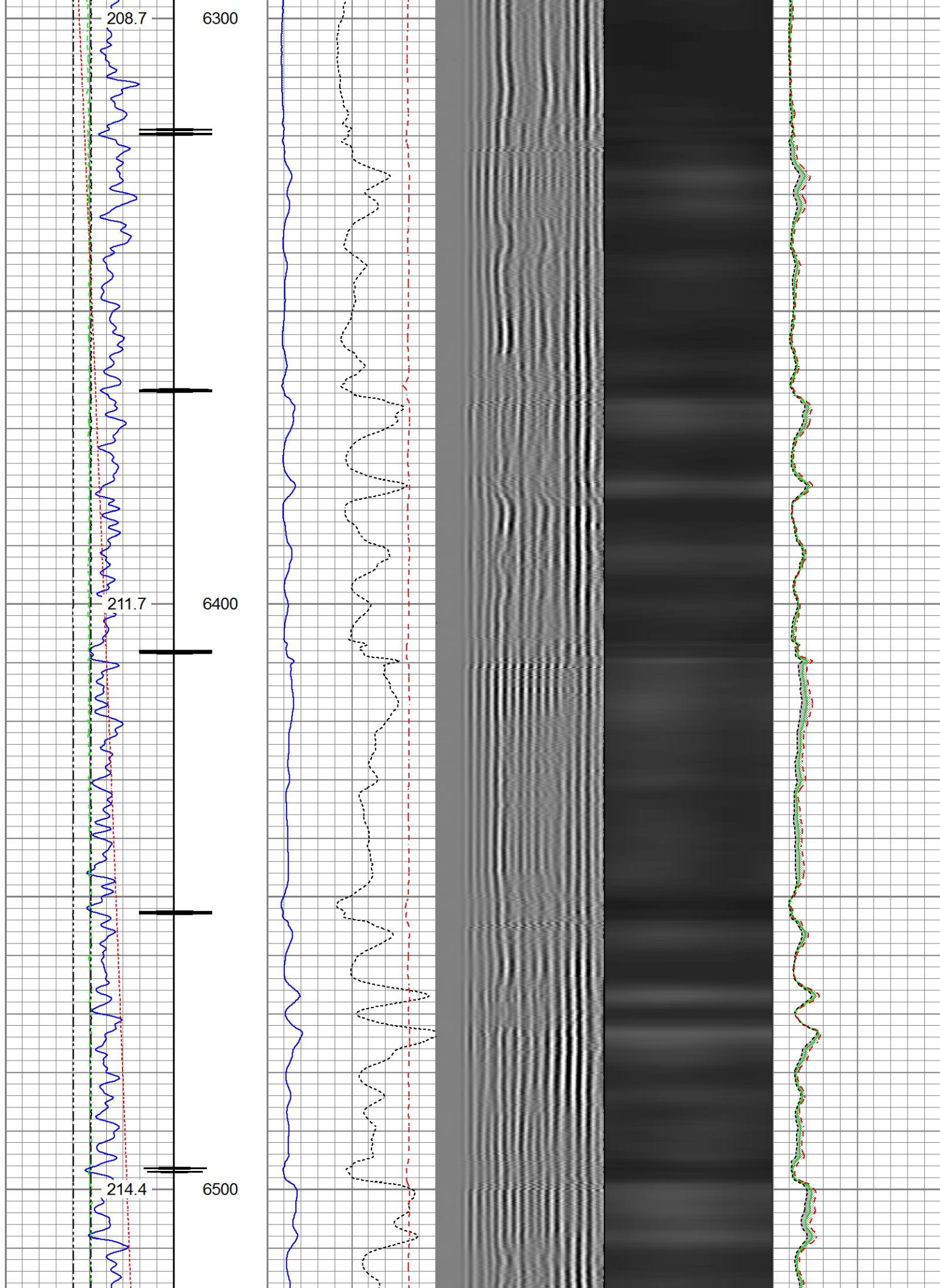




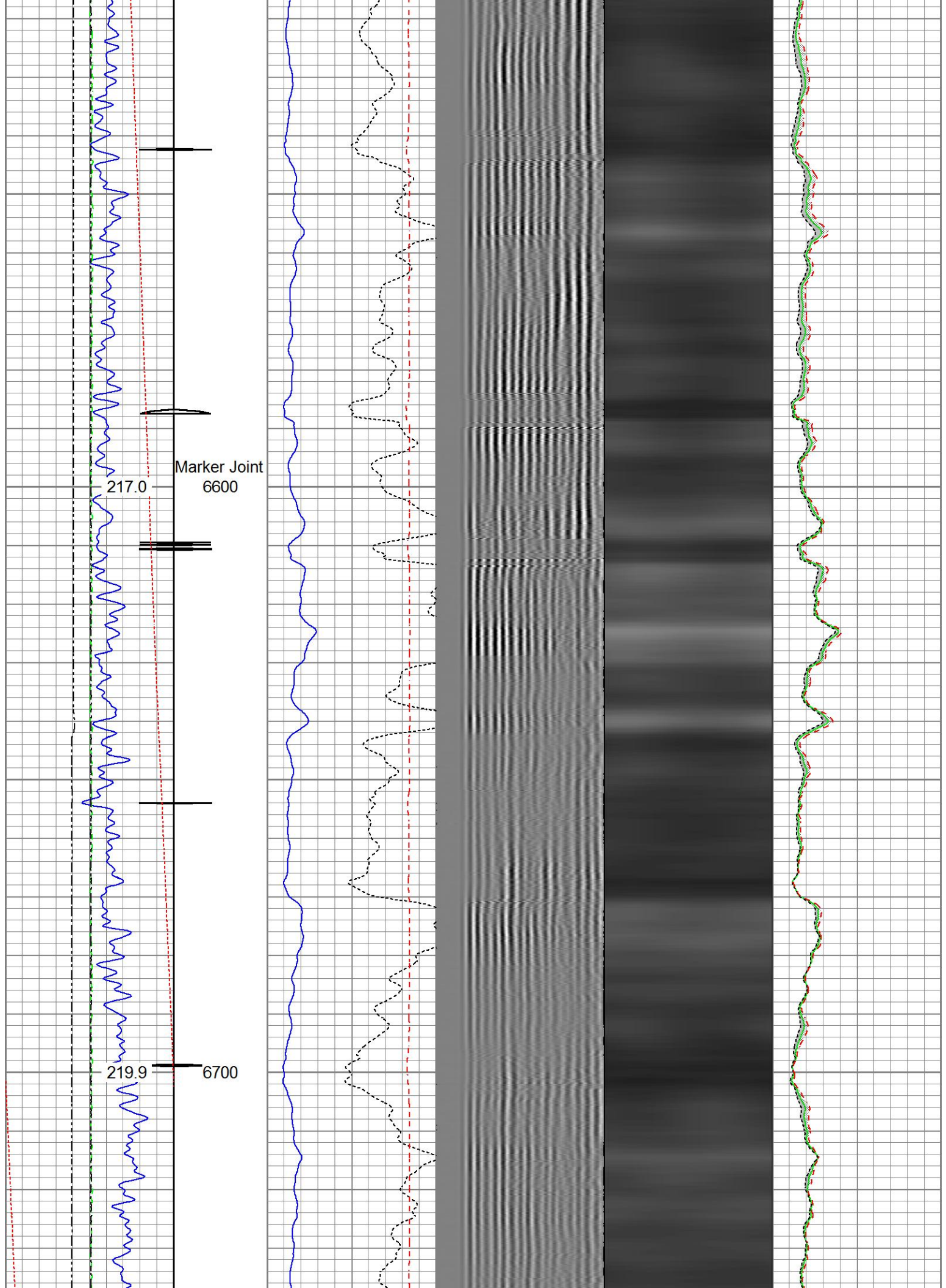


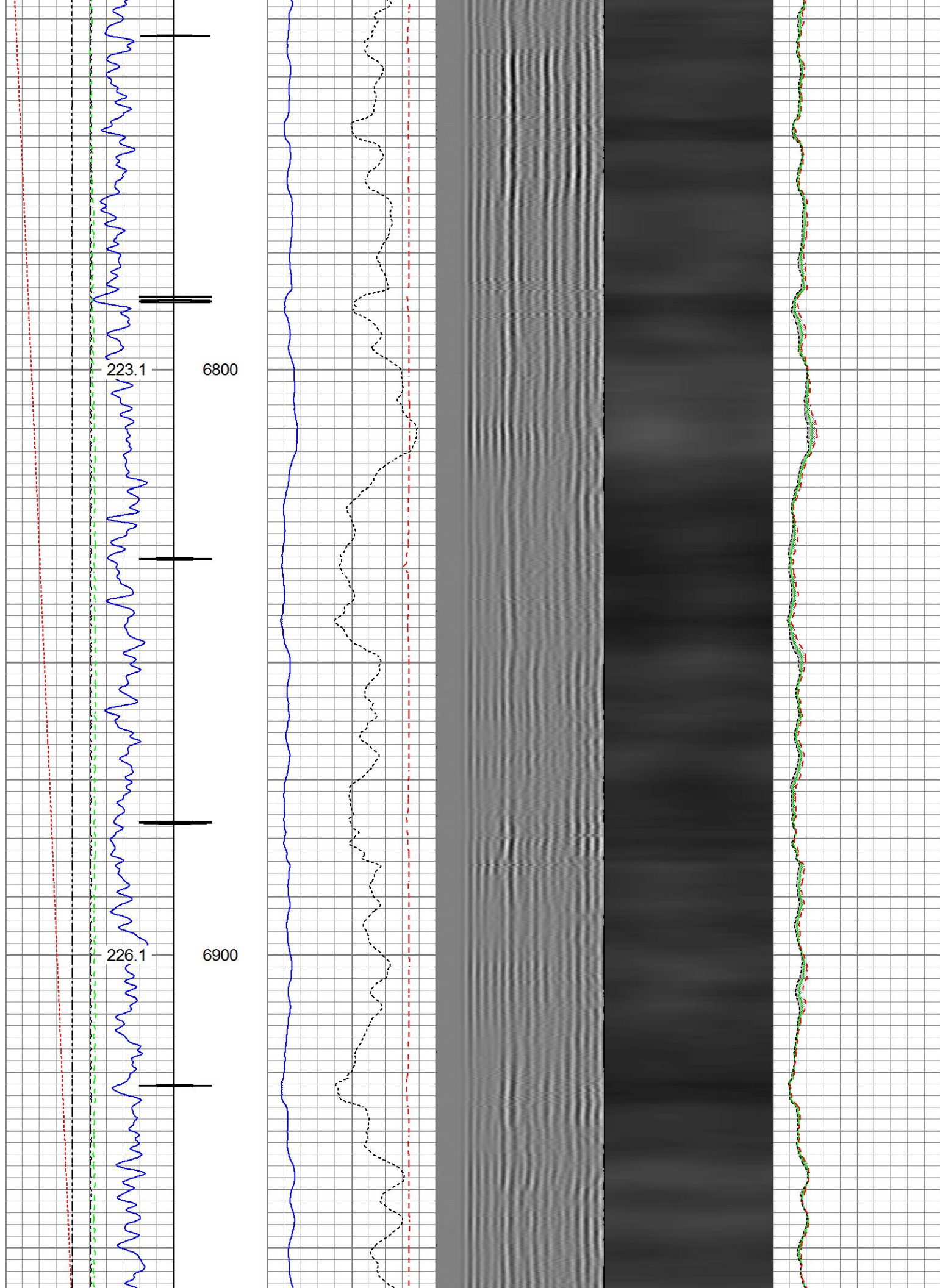


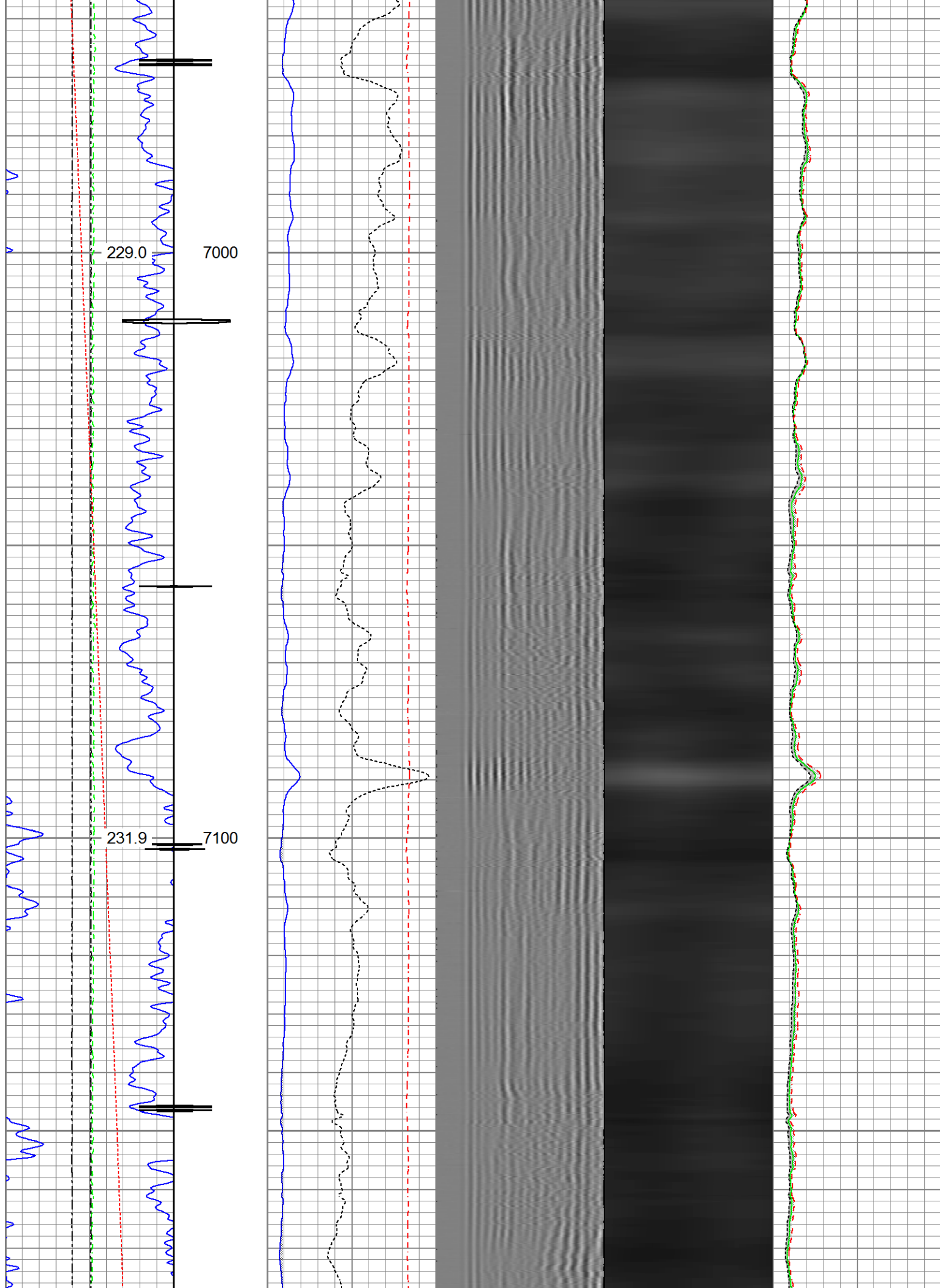




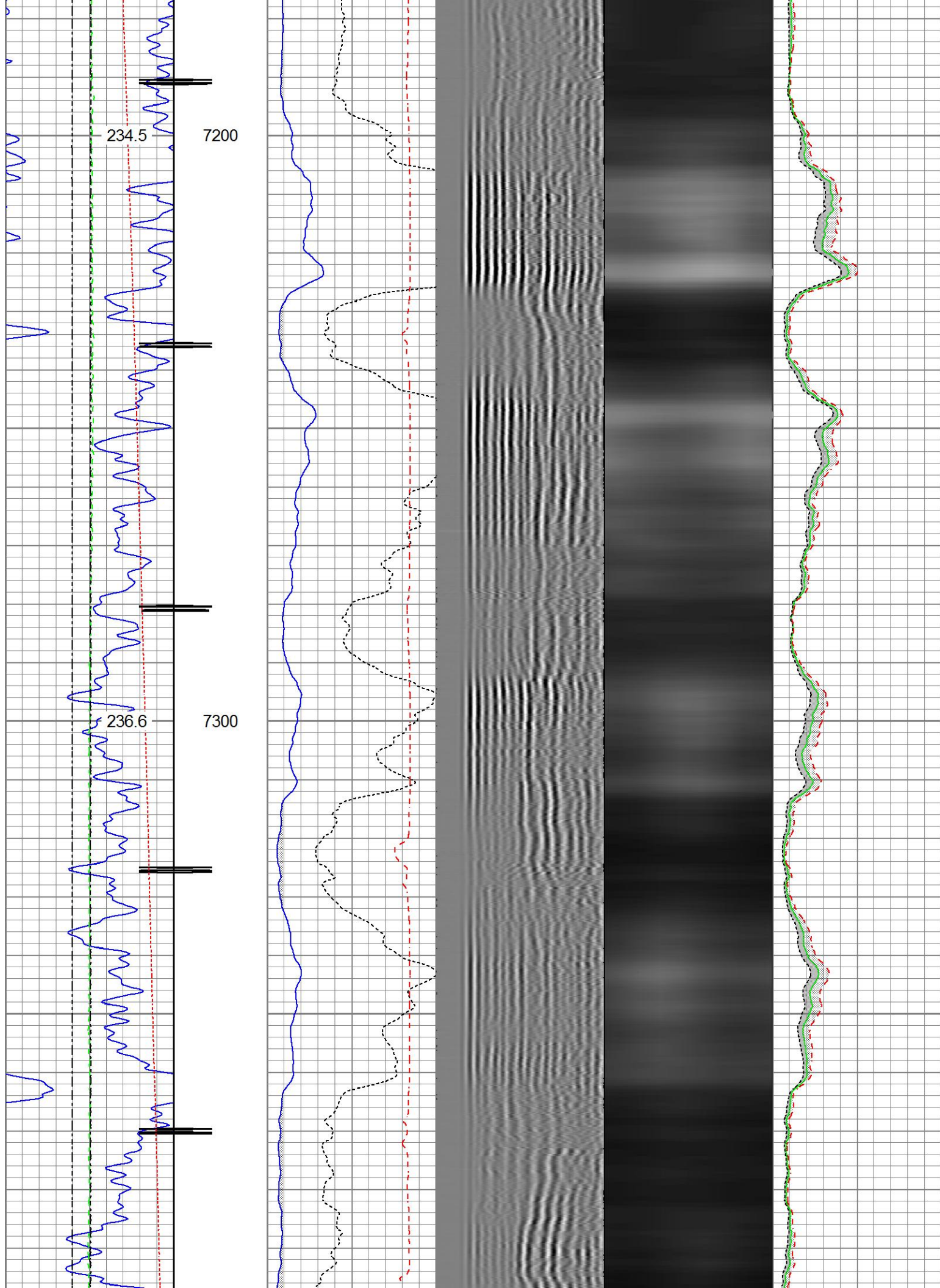


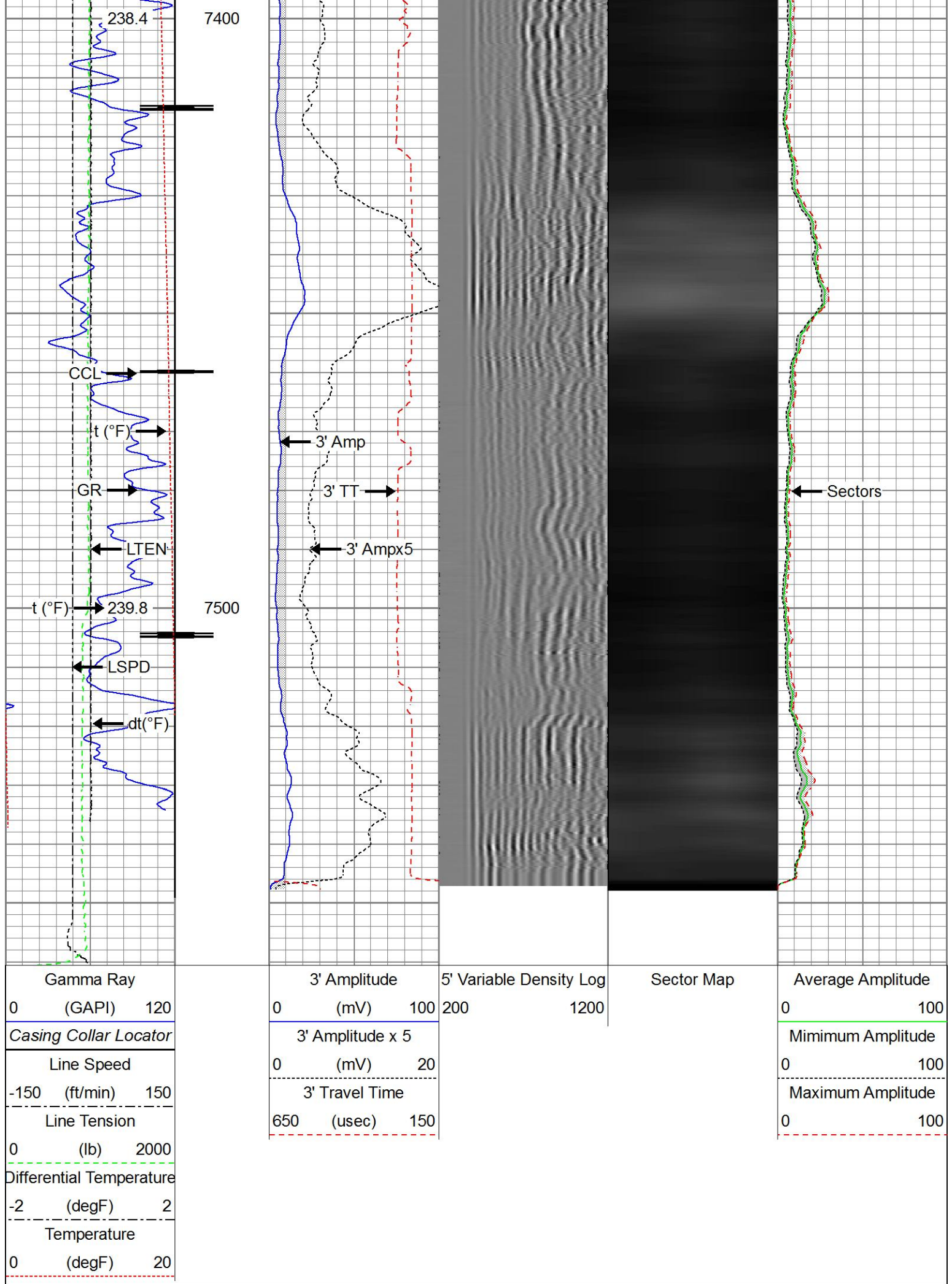














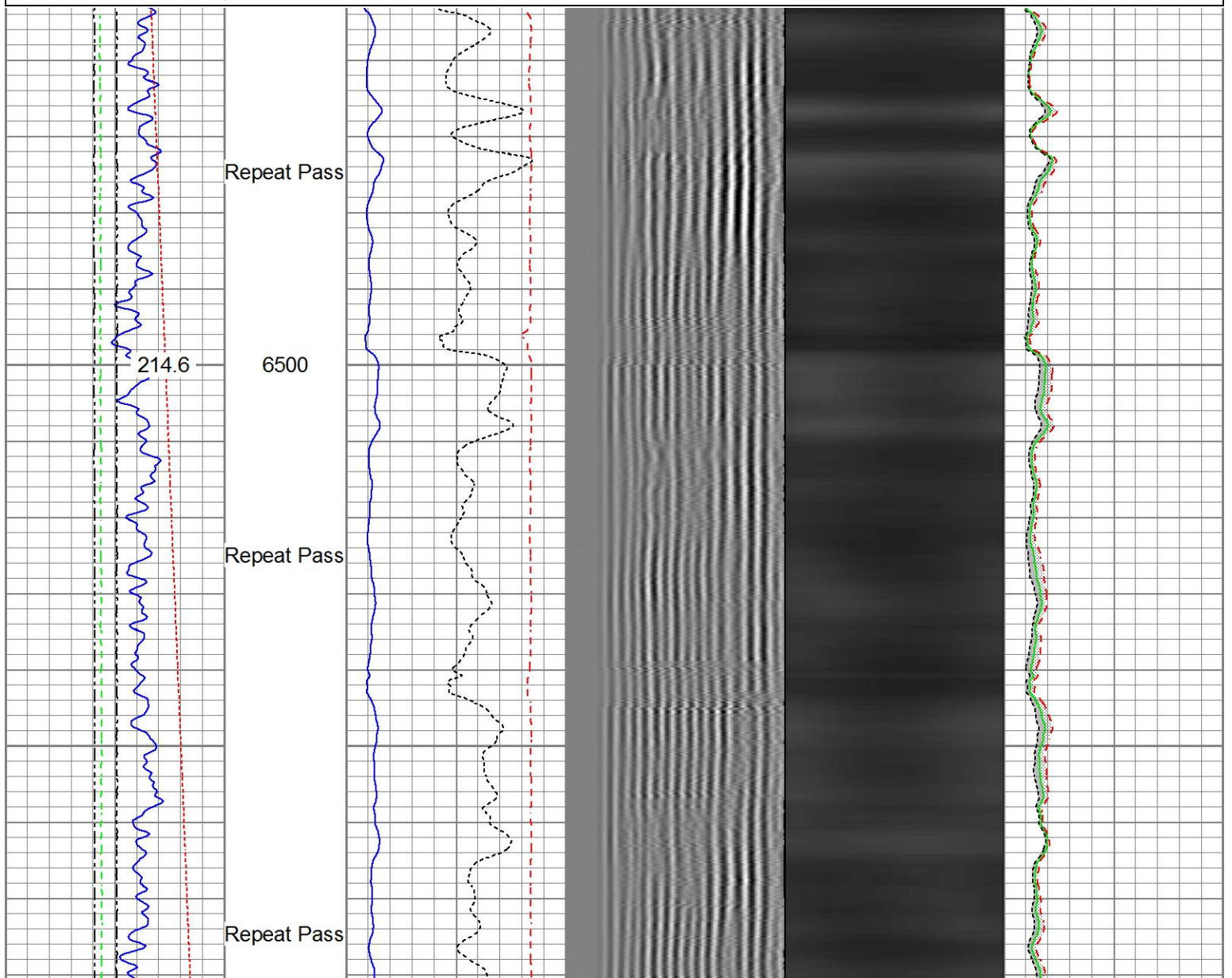


# Repeat Pass

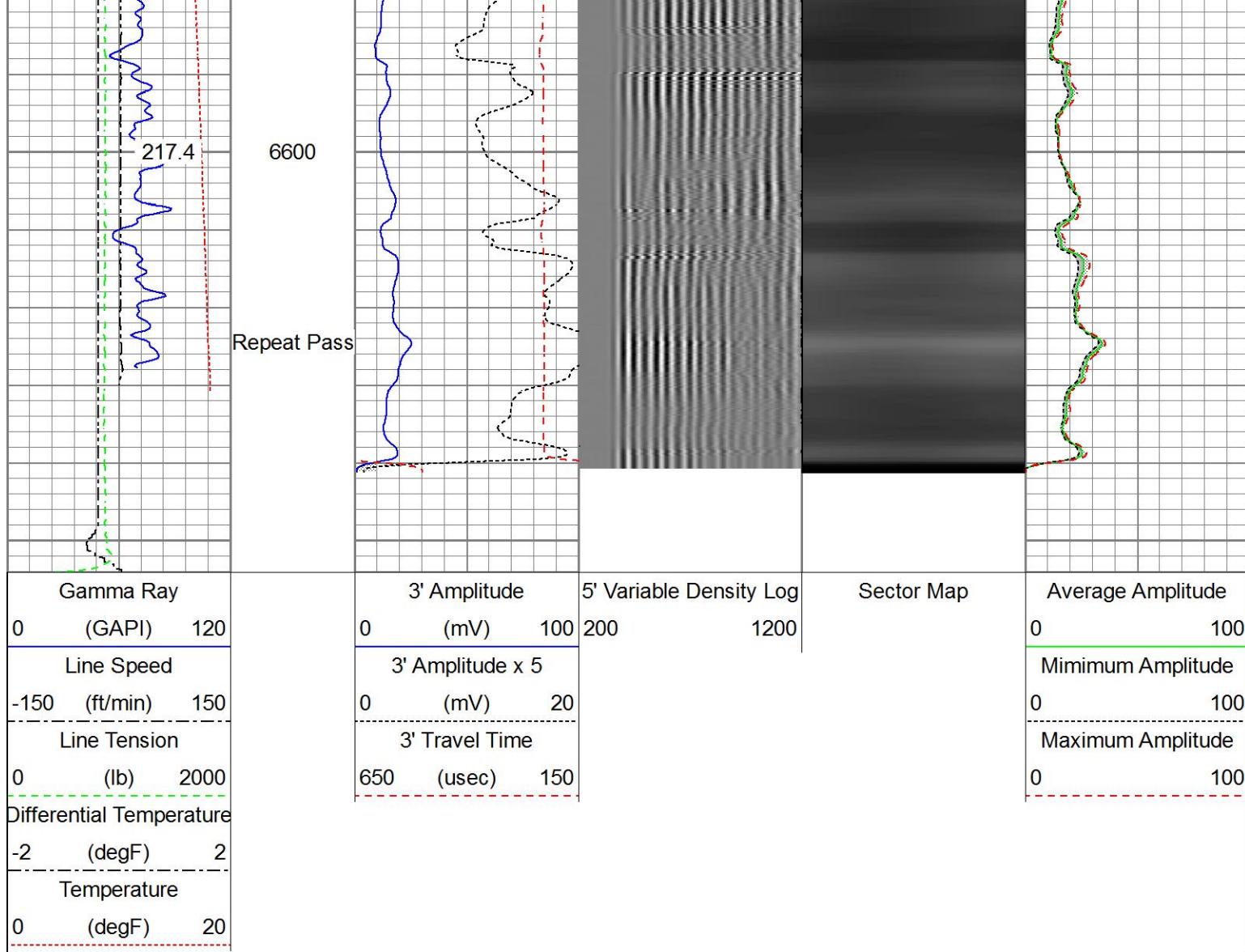
Recorded With 2800 PSI Surface Induced Pressure

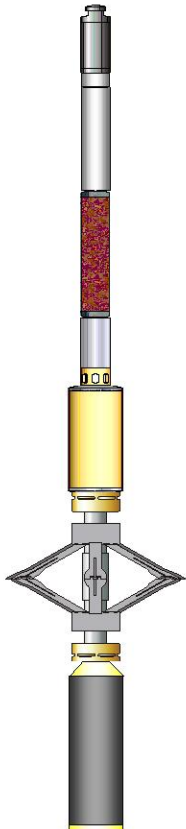
Database File      anadarko\_chica\_31c\_23hz\0512344120\_anadarko\_chica\_31c\_23hz\_06-12-17\_rbl.db  
Dataset Pathname      pass3.1  
Presentation Format      ros\_rbt004\_sx  
Dataset Creation      Tue Jun 13 10:19:16 2017  
Charted by      Depth in Feet scaled 1:240

Gamma Ray 0      (GAPI)      120	3' Amplitude 0      (mV)      100	5' Variable Density Log 200      1200	Sector Map	Average Amplitude 0      100
Line Speed -150      (ft/min)      150	3' Amplitude x 5 0      (mV)      20			Minimum Amplitude 0      100
Line Tension 0      (lb)      2000	3' Travel Time 650      (usec)      150			Maximum Amplitude 0      100
Differential Temperature -2      (degF)      2				
Temperature 0      (degF)      20				







Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	24.33		Titan_Electric_Cable_Heads-Titan_1-11 Electric Cable Head with 1" Fishing Neck	161.03	1.69	5.40
			UW_AGS-UW_AGS_001 (10010522) Sondex Adapter - GO Box to Sondex Pin	0.21	1.69	1.00
			UW_XTU-UW_XTU_002 (218874) Crossover Ultrawire Toolbus to Ultralink	1.58	1.69	6.50
			UW_PGR-UW_PGR_020 (10013902) Production Gamma Ray	1.92	1.69	9.50
TEMP	22.93		UW_PRT-PRT_016 (10024052) Platinum Resistance Thermometer	1.04	1.69	5.20
CCL	21.69		UW_CCL-UW_CCL_028 (10018437) 3-1/8" Ultrawire Casing Collar Locator	1.61	3.13	36.00
			UW_PRC-DSS_RAC 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00

CBLROT	14.29		UW_RBT-UW_RBT_004 (10013454) Sondex Ultrawire 3-1/8" Radial Bond Tool	9.48	3.13	140.00
WVFS8	14.29					
WVFS7	14.29					
WVFS6	14.29					
WVFS5	14.29					
WVFS4	14.29					
WVFS3	14.29					
WVFS2	14.29					
WVFS1	14.29					
WVF3FT	14.29					
WVF5FT	13.29					
CBLTEMP	9.16					
			UW_PRC-DSS_RAC 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00
			UW_CNL-UW_CNL_007 (1005) Sondex Compensated Neutron Logging Tool	6.61	1.69	30.00
CNLSC	1.53					
CNSSC	1.12					
TSTAMP	0.00					
Dataset: 0512344120_Anadarko_Chica_31C_23HZ_06-12-17_RBL.db: field/well/run1/pass5.1 Total length: 28.58 ft Total weight: 297.60 lb O.D.: 3.13 in						

Calibration Report			
Database File	D:\Warrior\Data\Anadarko_Chica_31C_23HZ\0512344120_Anadarko_Chica_31C_23HZ_06-12-17_RBL.db		
Dataset Pathname	pass5.1		
Dataset Creation	Mon Jun 12 16:24:24 2017		
Compensated Neutron Calibration Report			
Serial Number:	1005		
Tool Model:	UW_CNL_007		
Master Calibration	Sun Feb 07 11:39:11 2016		
Detector	Readings		
Short Space	240.87	cps	
Long Space	303.55	cps	
Ratio	Measured	Reference	
CNRAT Gain K	0.8150	Sleeve: 1.0000	
	1.0271		
Before Survey			
Detector	Readings		
Short Space		cps	
Long Space		cps	

Long Space	cps
Ratio	Measured Reference
After Survey	
Detector	Readings
Short Space	cps
Long Space	cps
Ratio	Measured Reference

Segmented Cement Bond Log Calibration Report			
Serial Number:		10013454	
Tool Model:		UW_RBT_004	
Calibration Casing Diameter:		5.500	in
Calibration Depth:		172.302	ft

Master Calibration, performed (Derived):						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	0.000	0.792	0.800	71.921	89.825	0.799
5FT	-0.004	0.774	0.800	71.921	91.318	1.199
S1	0.000	0.775	0.000	100.000	128.955	-0.001
S2	0.000	0.792	0.000	100.000	126.195	-0.001
S3	0.000	0.803	0.000	100.000	124.571	-0.001
S4	0.000	0.816	0.000	100.000	122.593	-0.001
S5	0.000	0.810	0.000	100.000	123.494	-0.001
S6	0.000	0.799	0.000	100.000	125.143	-0.001
S7	0.000	0.777	0.000	100.000	128.662	-0.001
S8	0.000	0.772	0.000	100.000	129.470	-0.001

Temperature Calibration Report					
Serial Number:		10024052			
Tool Model:		PRT_016			
Performed:		Sun Oct 11 12:16:39 2015			
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:	10013902		
Tool Model:	UW_PGR_020		
Performed:	(Not Performed)		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	



Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps



Company	Kerr-McGee Oil & Gas Onshore, L.P.
Well	Chica 31C-23HZ
Field	Wattenberg
County	Weld
State	Colorado