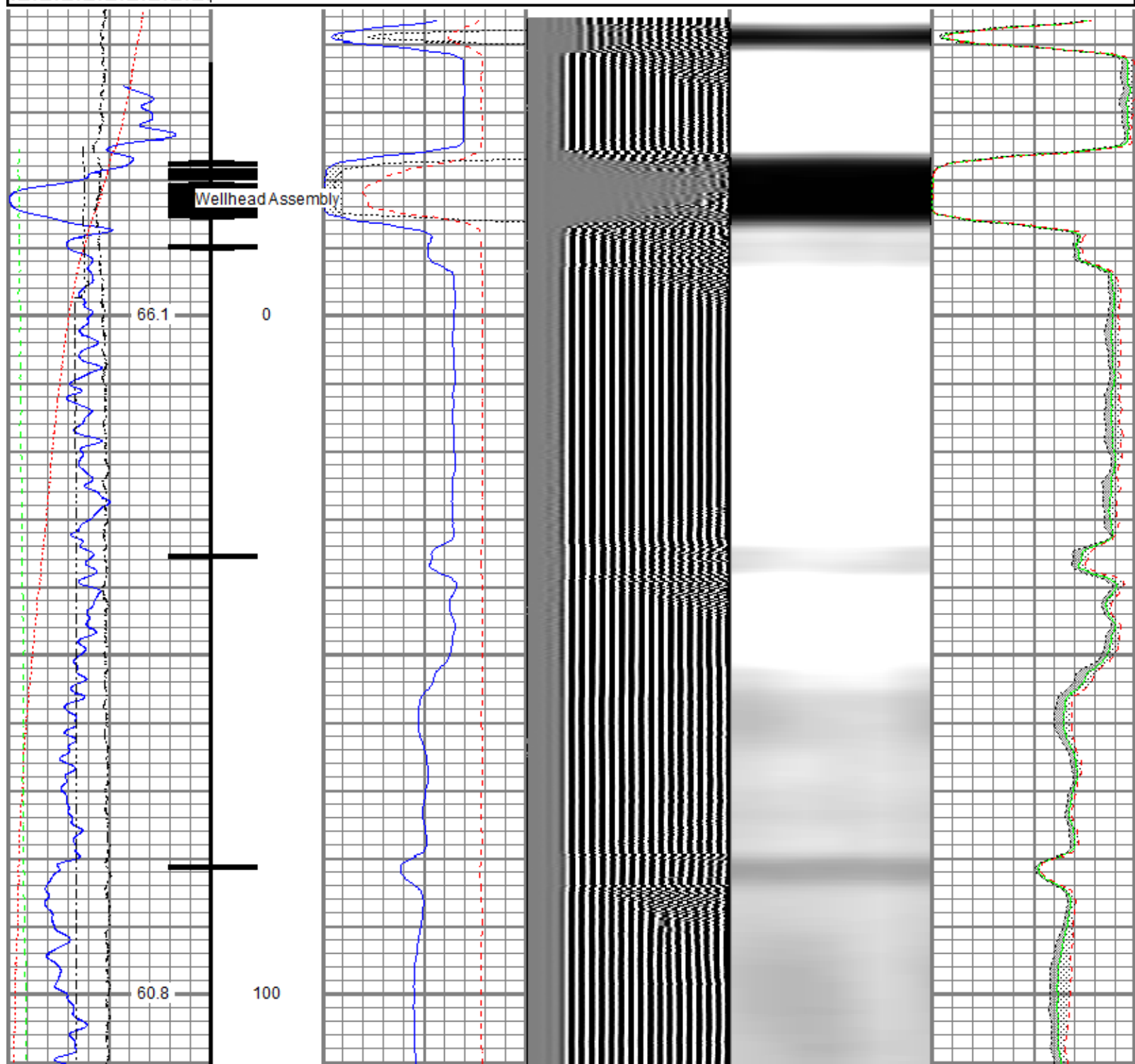
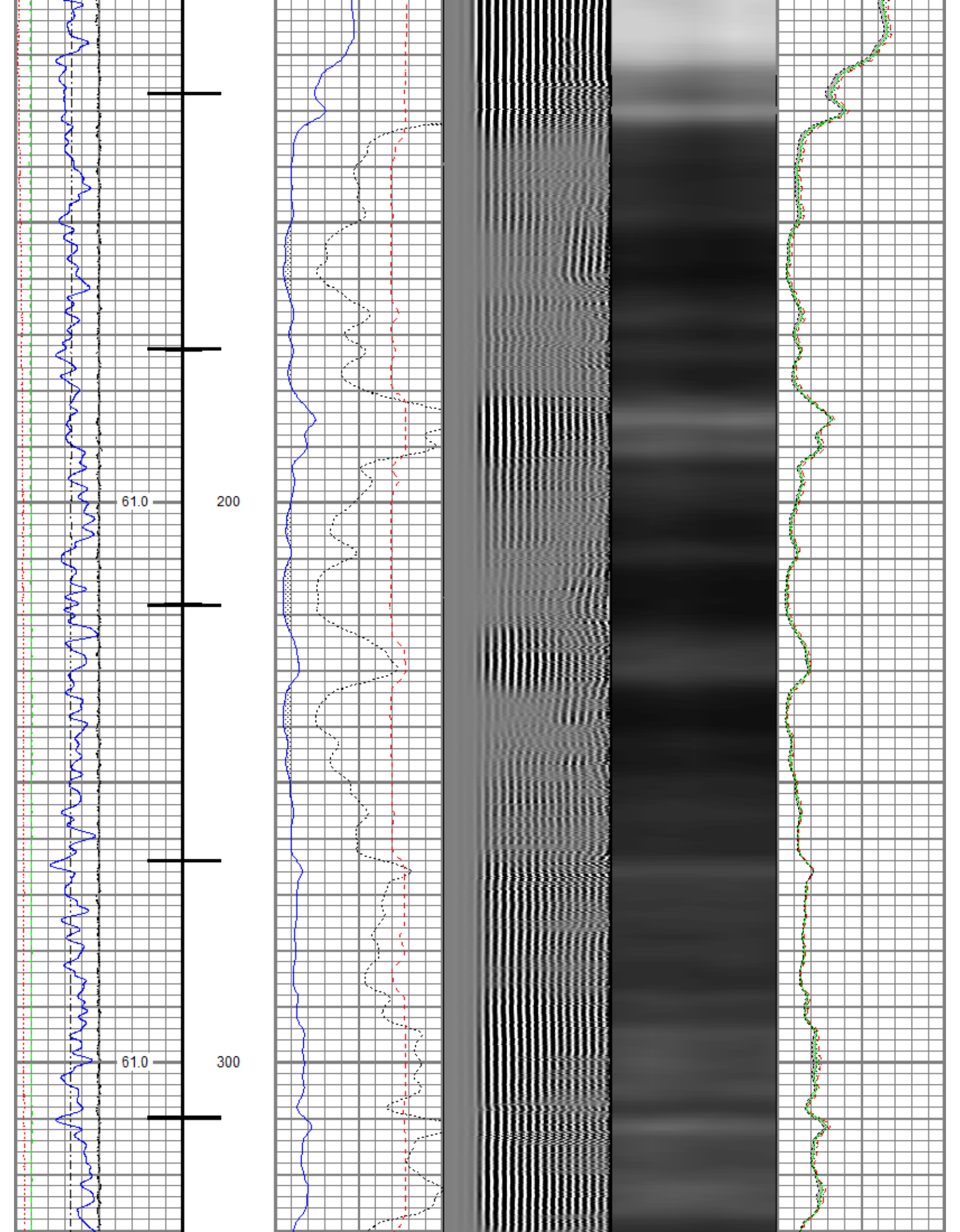


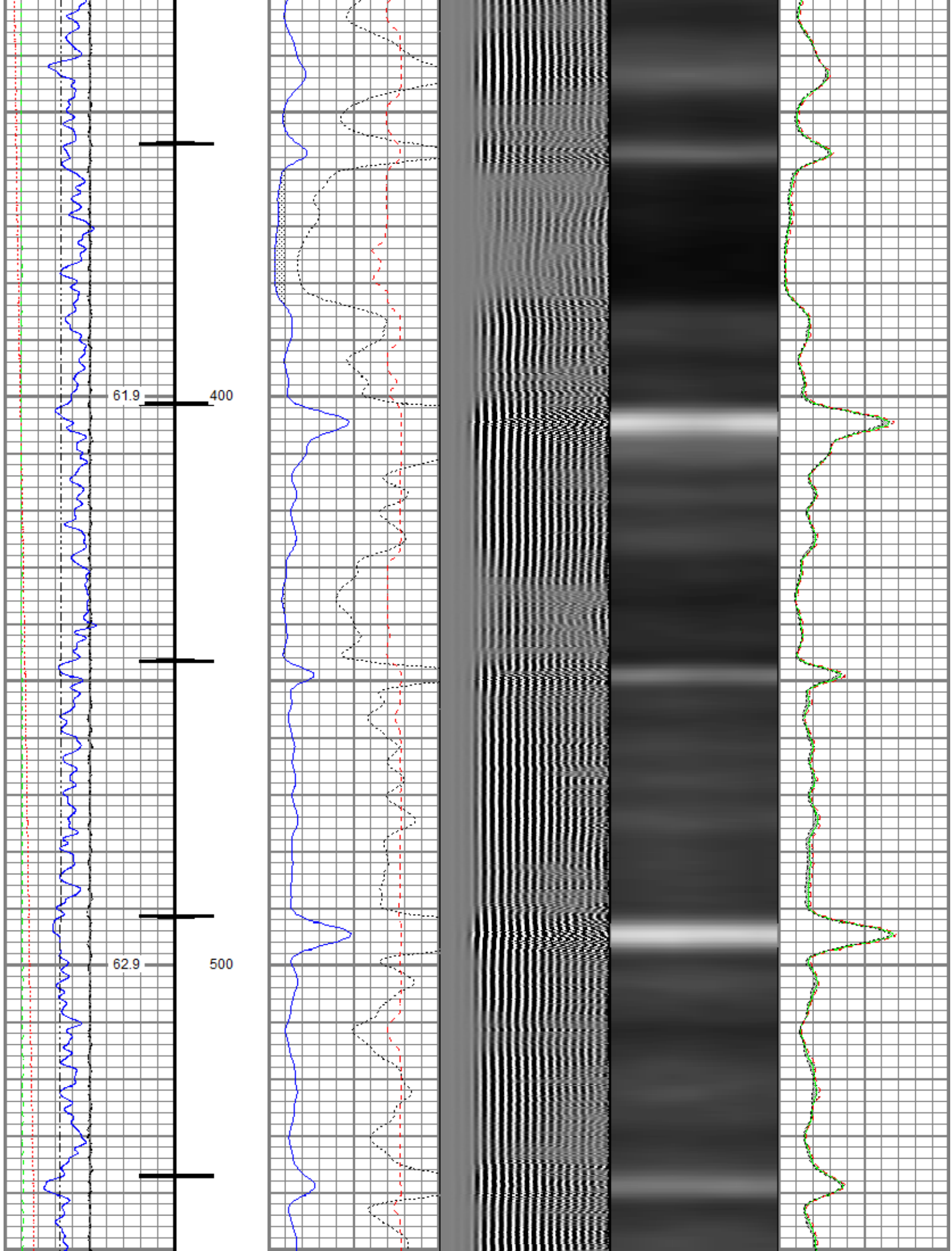
<<< Fold Here >>>
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible 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.
Comments
Log ran as per customer request Log measured from Ground Level at 0 FT Depth referenced to Casing Tally reported Marker Joint at 6755 FT Adjusted -11 FT to correlate with Marker Joint Log ran from 50 FT above RBP @ 6890 FT Log ran with 2500 PSI Surface Induced Pressure Logging tools were clean and free of debris upon completion of operations Thank you for choosing Reliance Oilfield Services, LLC!!

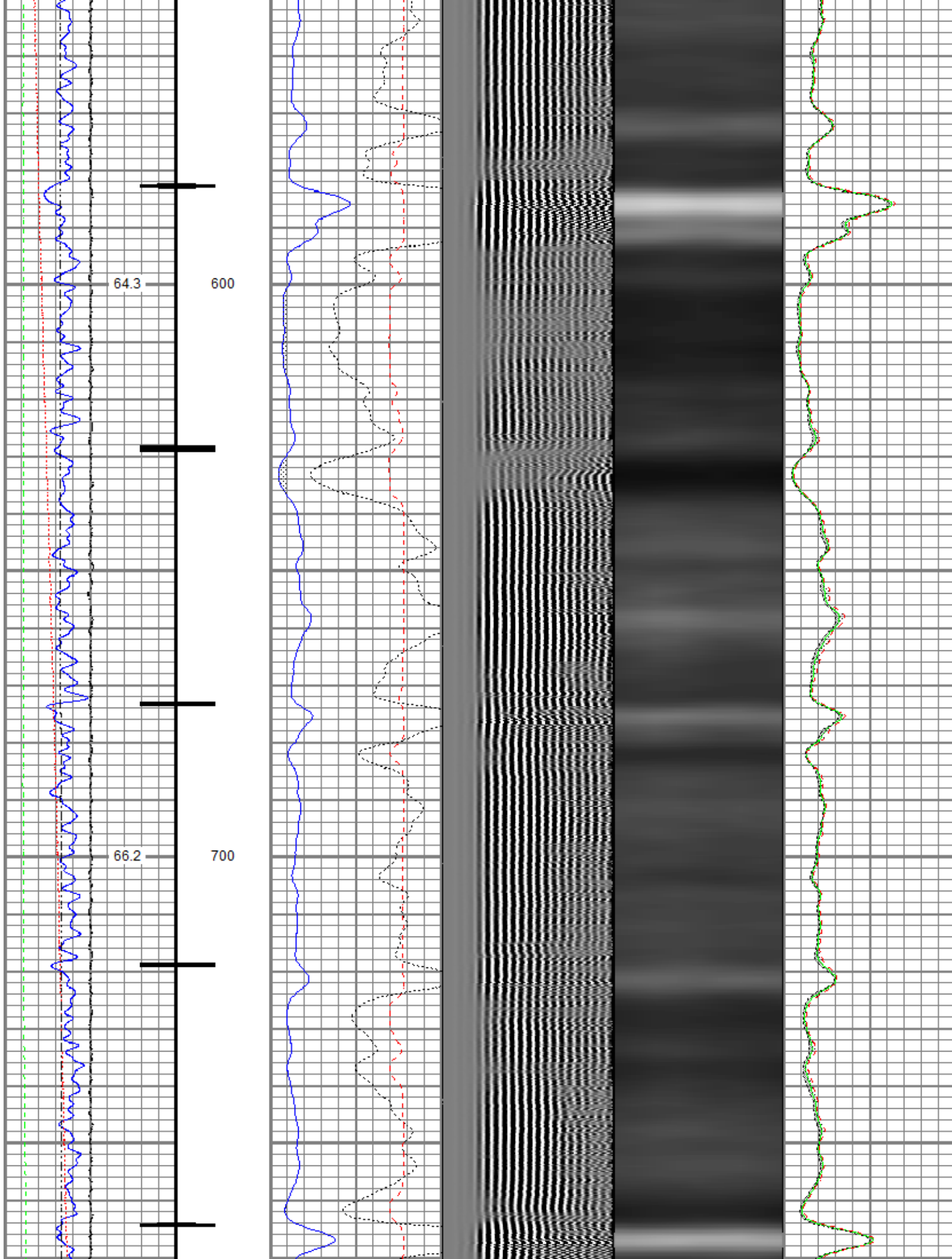
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 Dataset Pathname pass5
 Presentation Format ros_radri
 Dataset Creation Wed Jun 20 16:09:18 2018
 Charted by Depth in Feet scaled 1:240

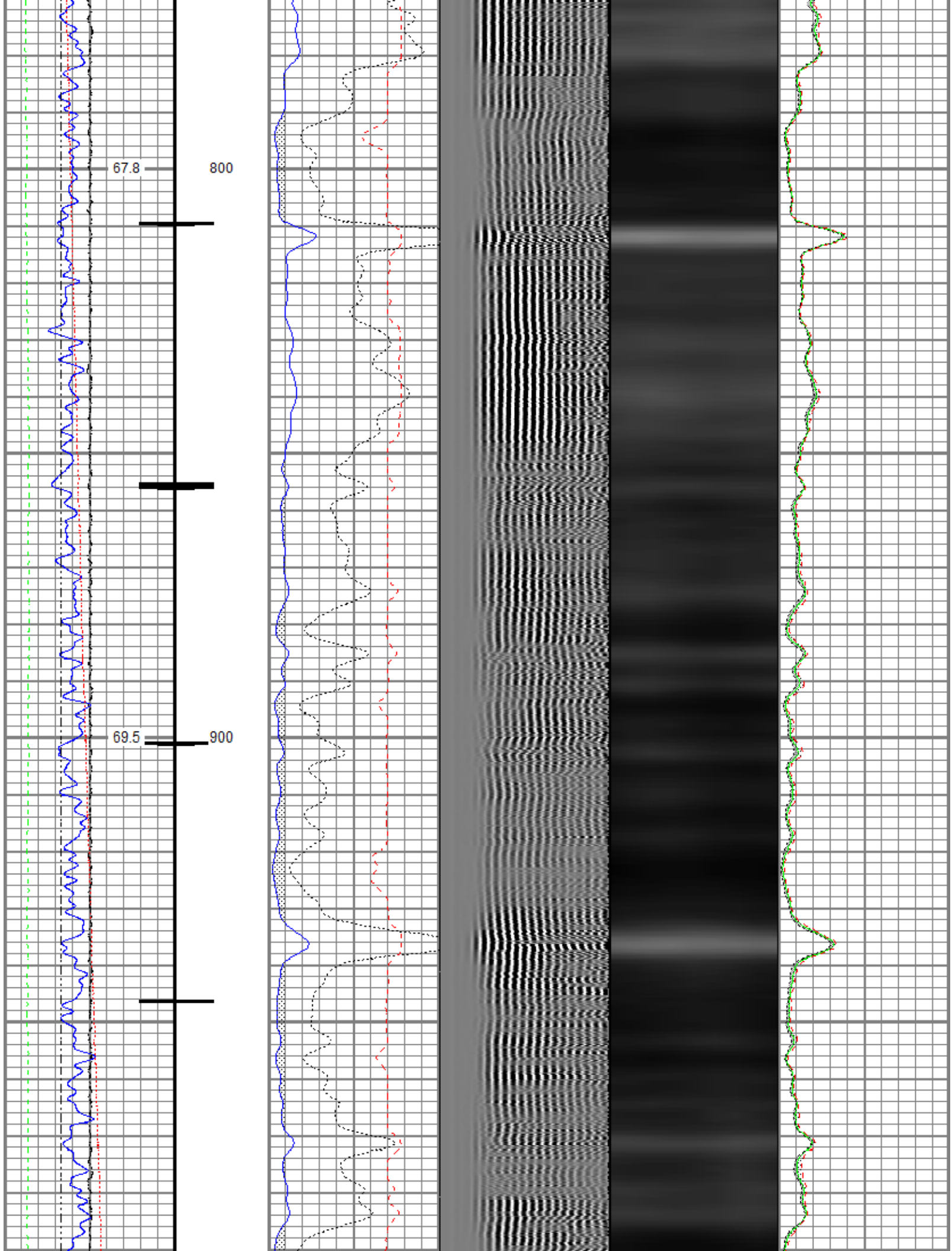
Gamma Ray	0	3' Amplitude (mV) 100	5' Variable Density Log	Sector Map	0	Average Amplitude 100
(GAPI) 120		3' Amplitude x 5	200 (usec) 1200			Minimum Amplitude
Casing Collar Locator	0	(mV) 20			0	100
Temperature (degF) 20		3' Travel Time				Maximum Amplitude
Line Speed	650	(usec) 150			0	100
(ft/min) 150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

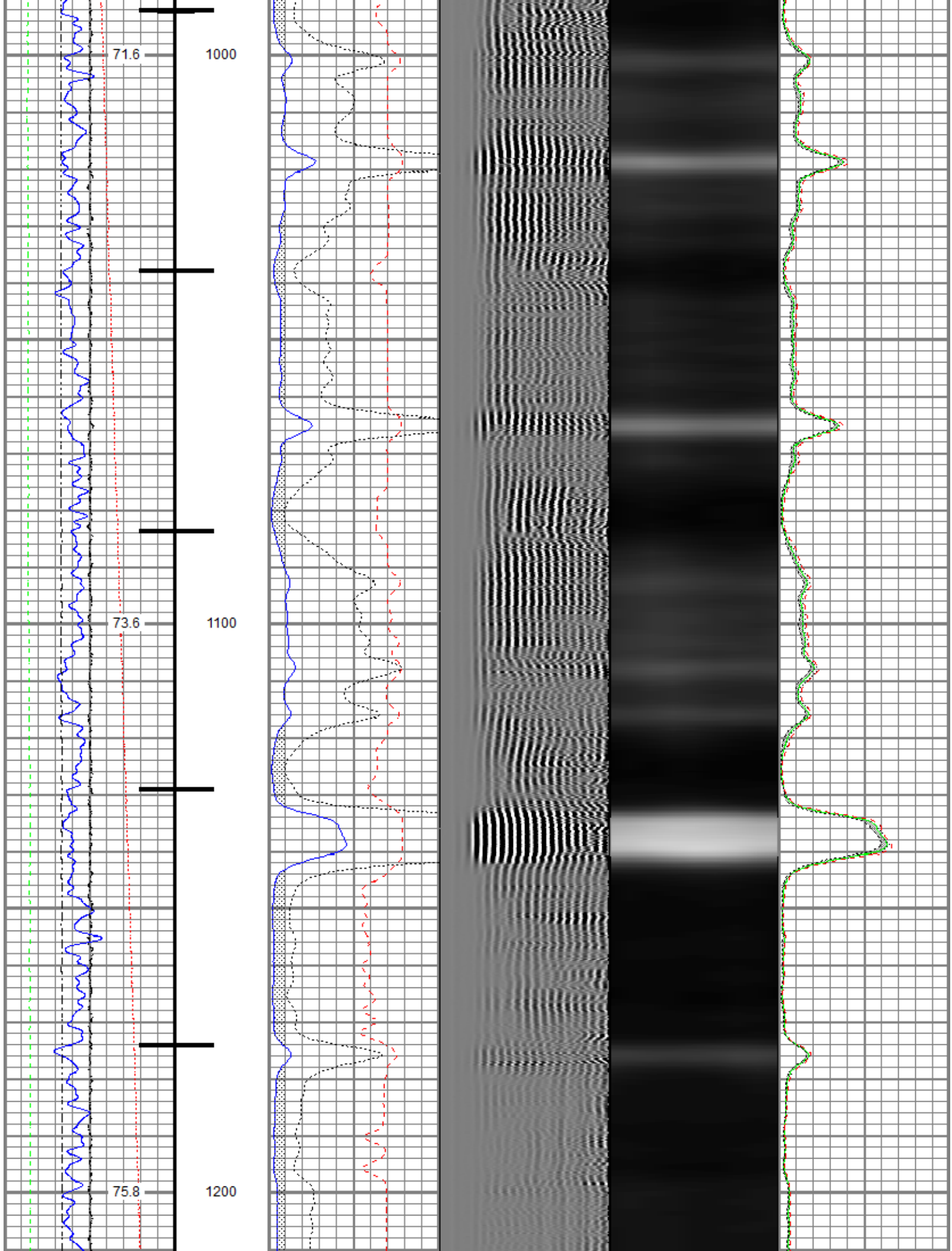


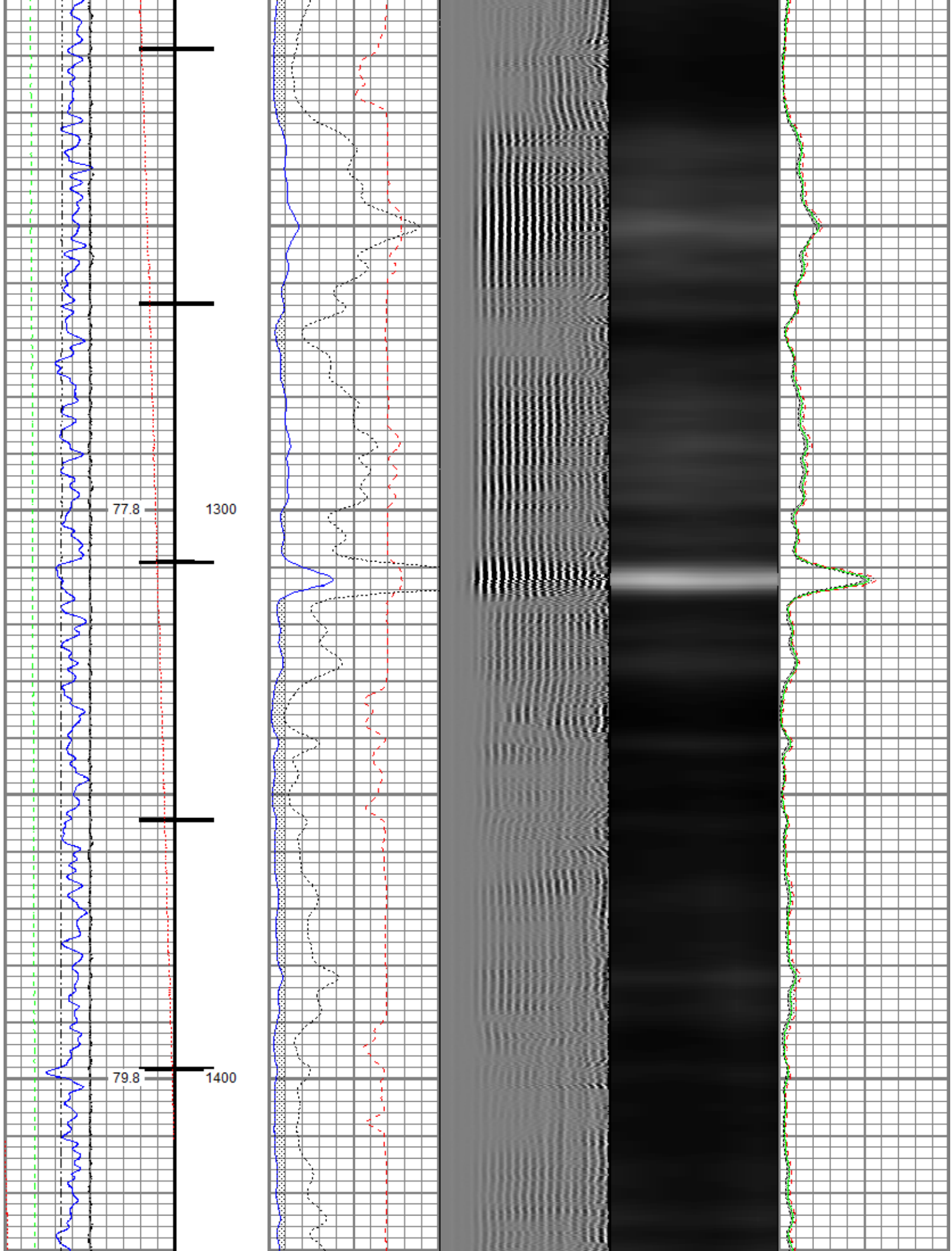


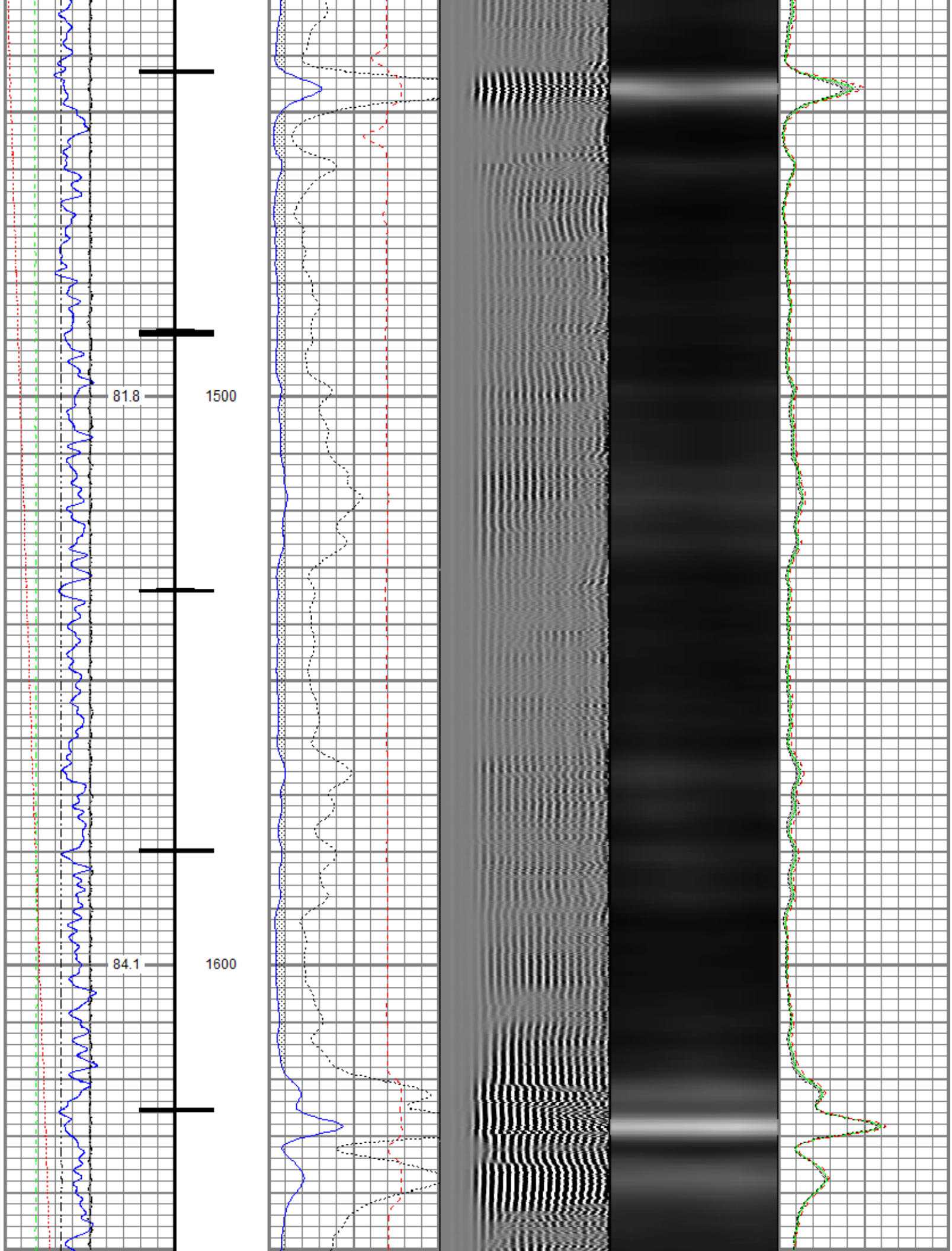


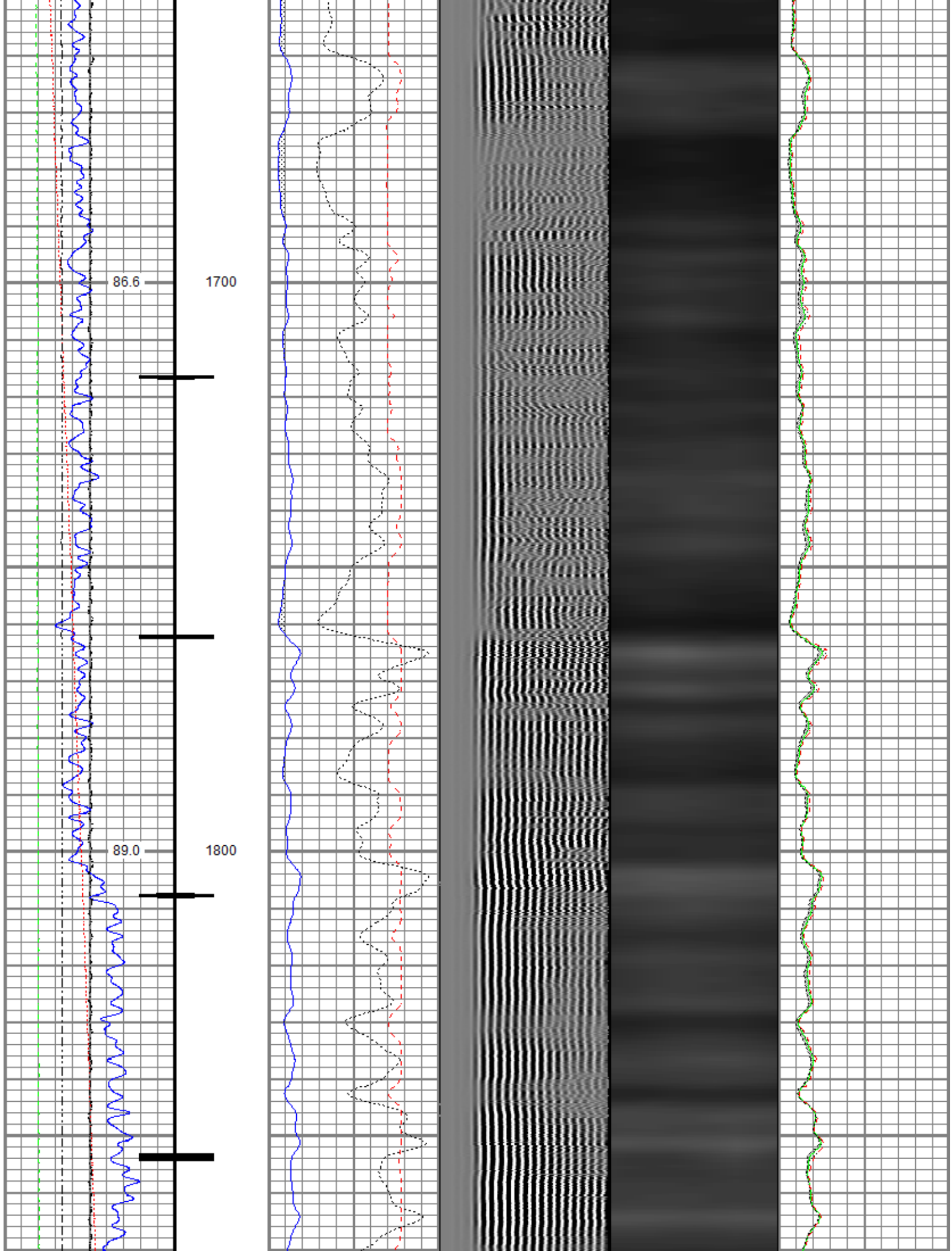


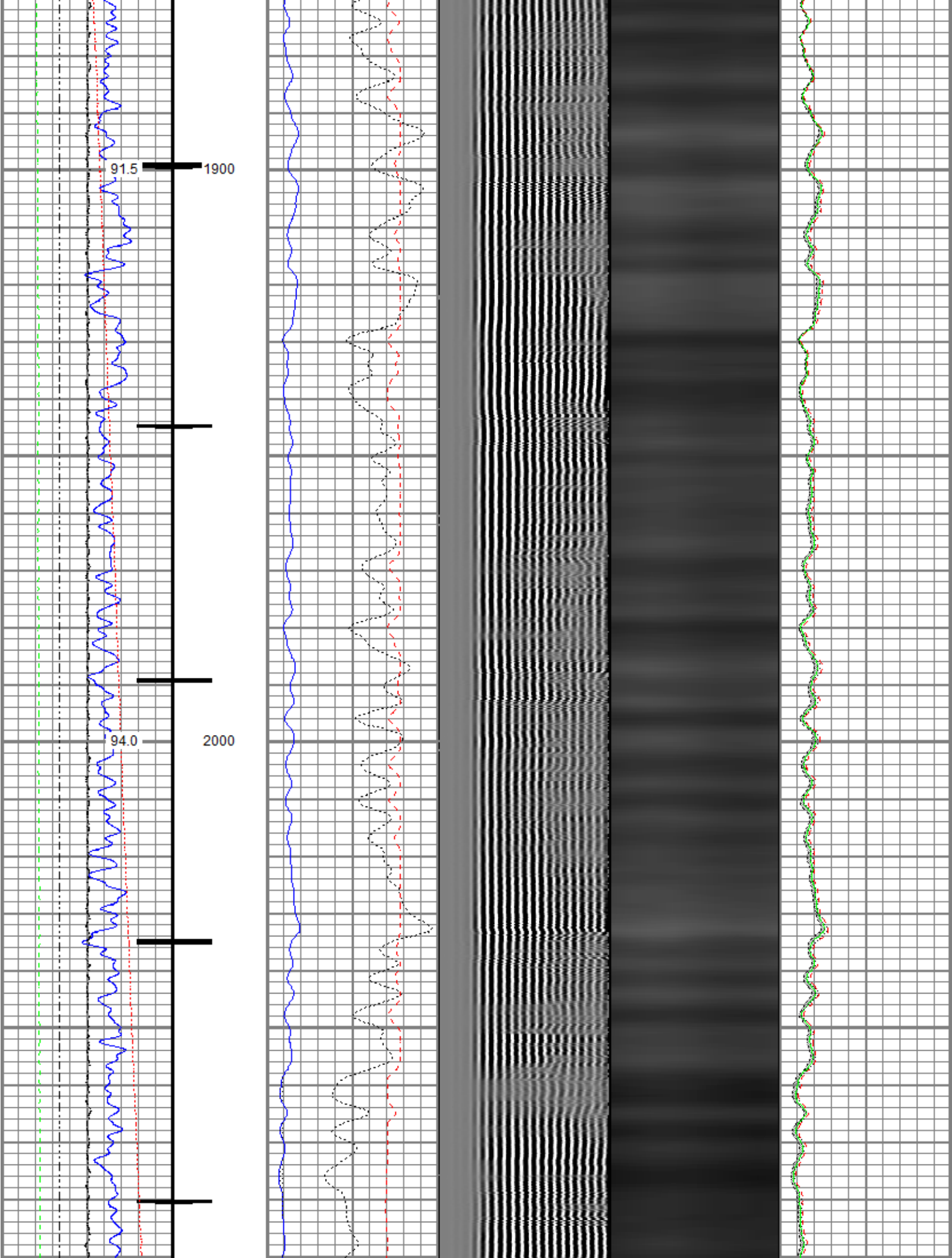


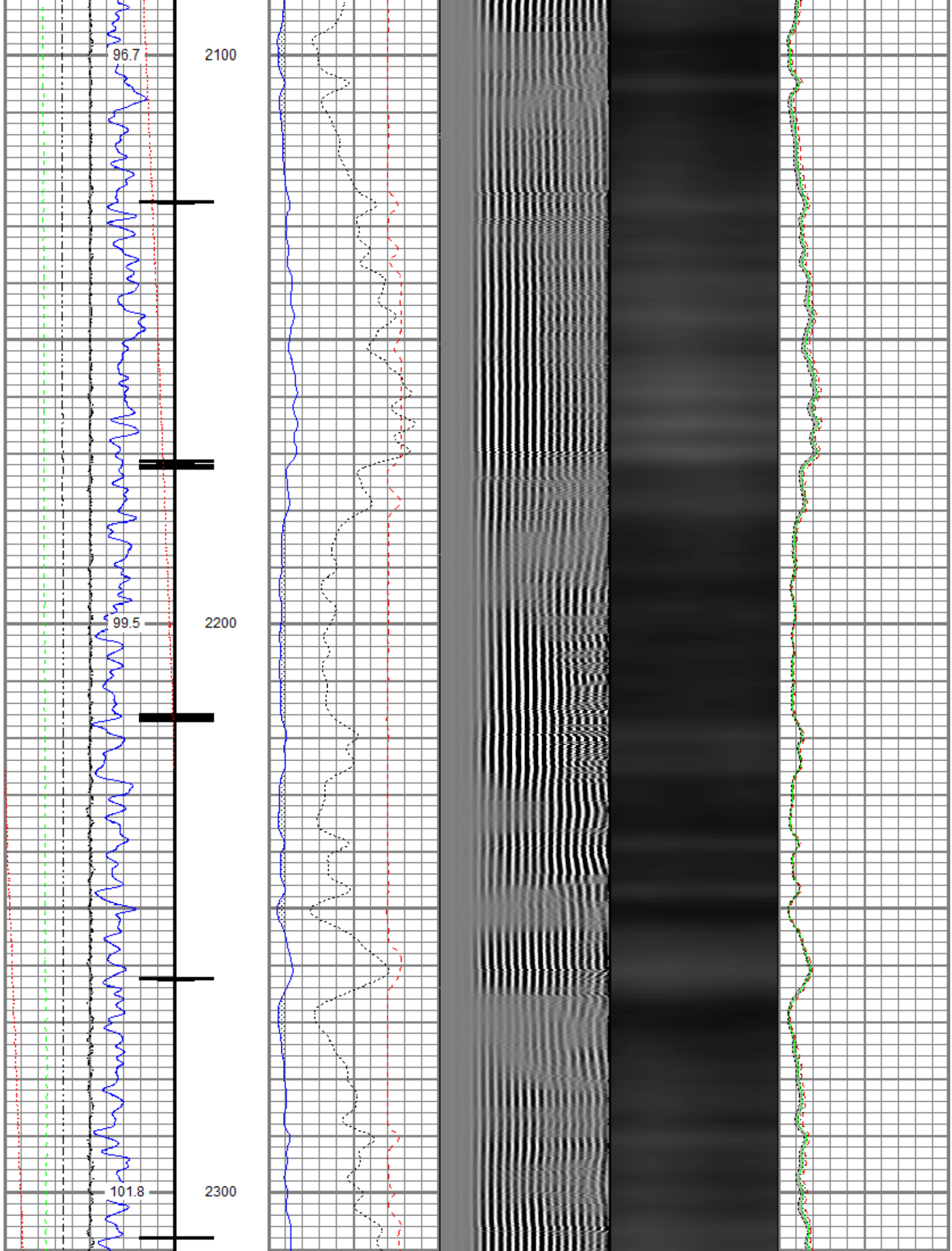


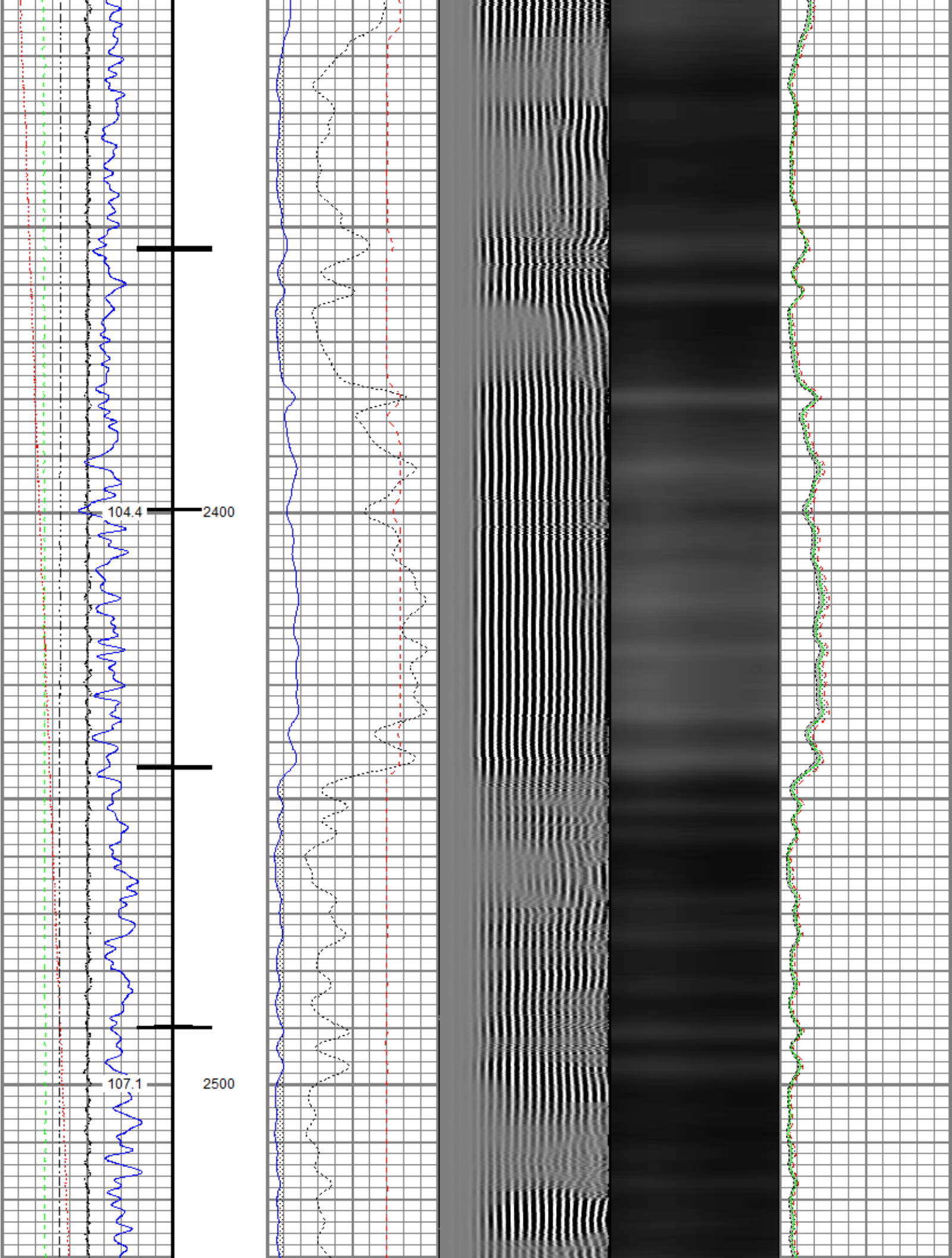


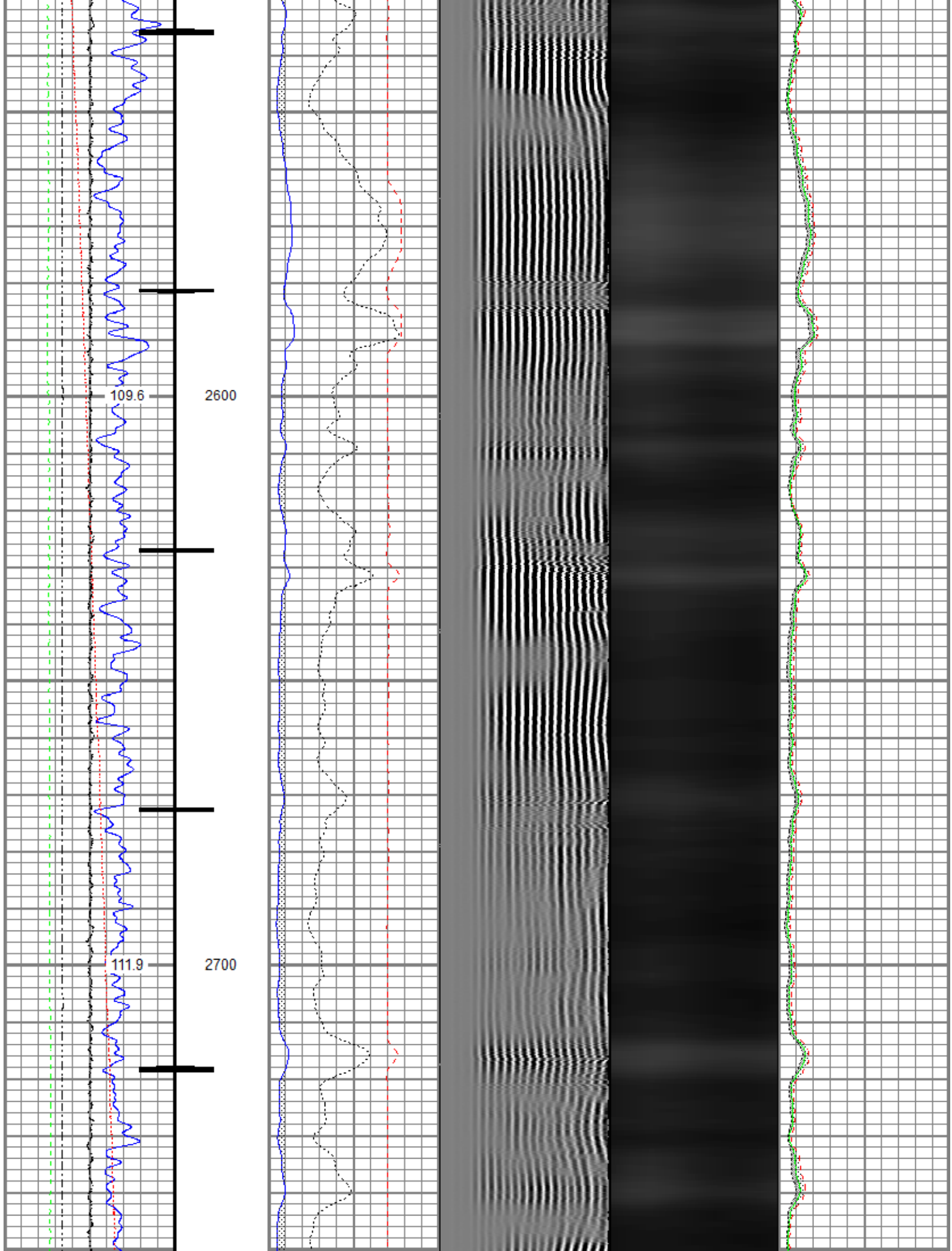


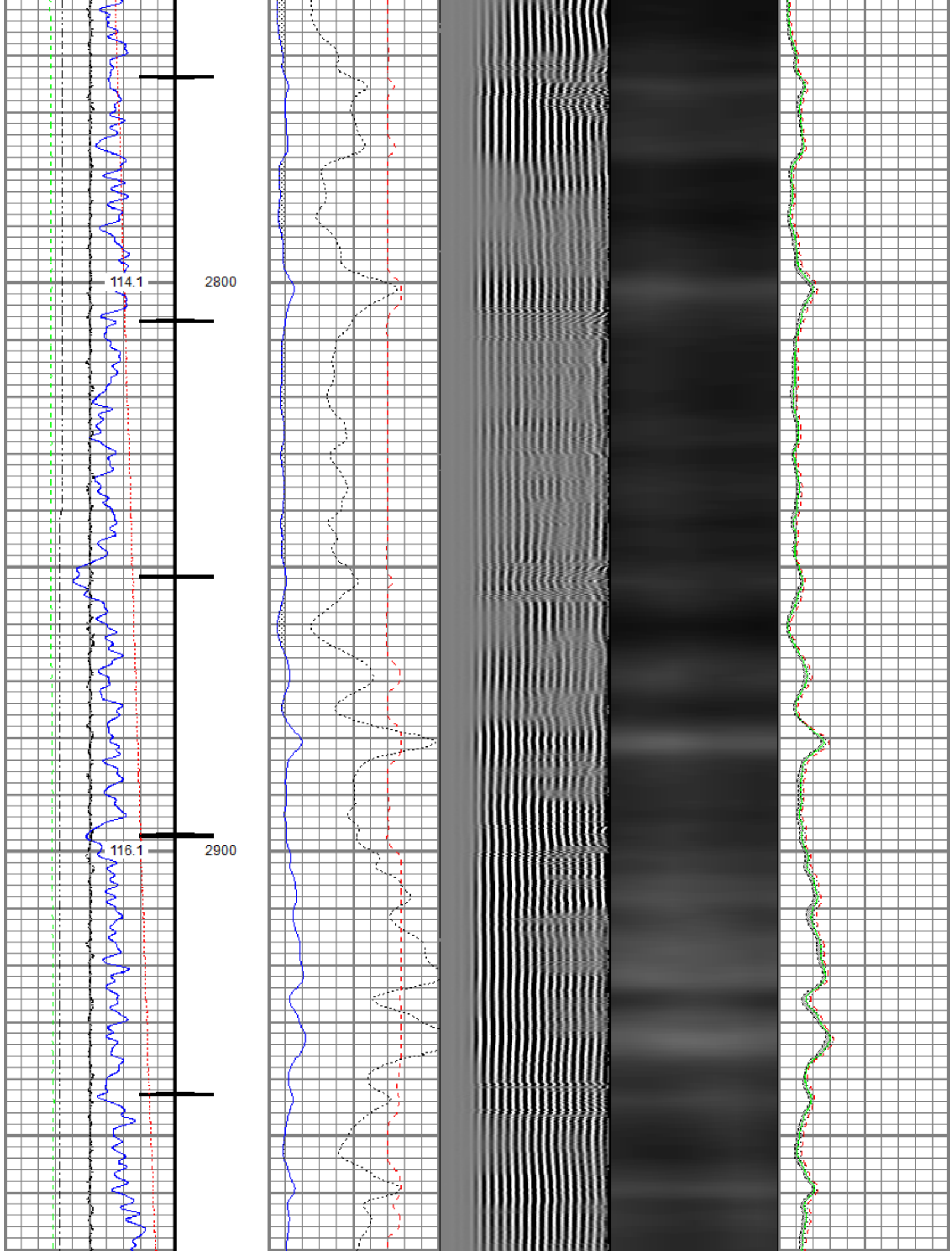


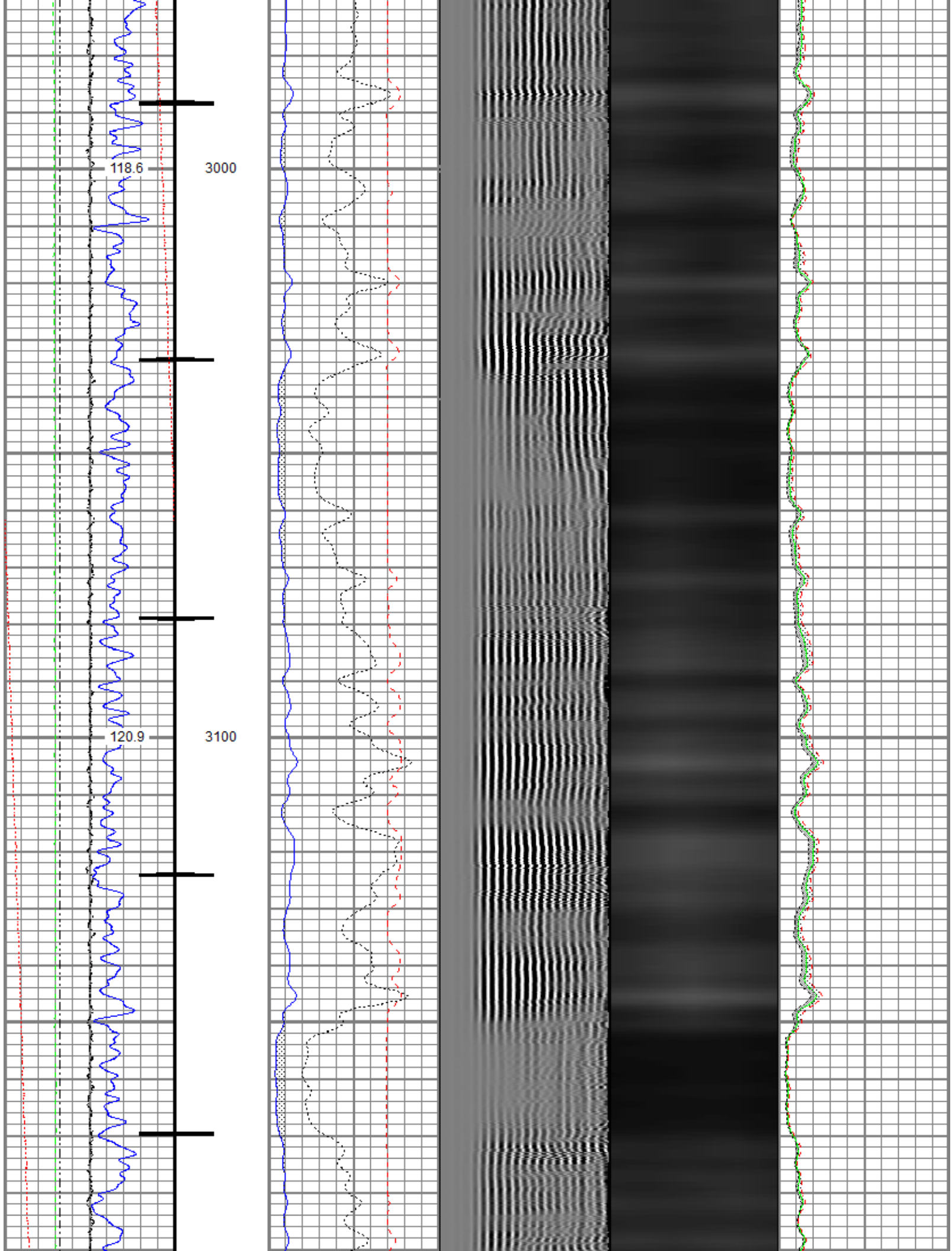


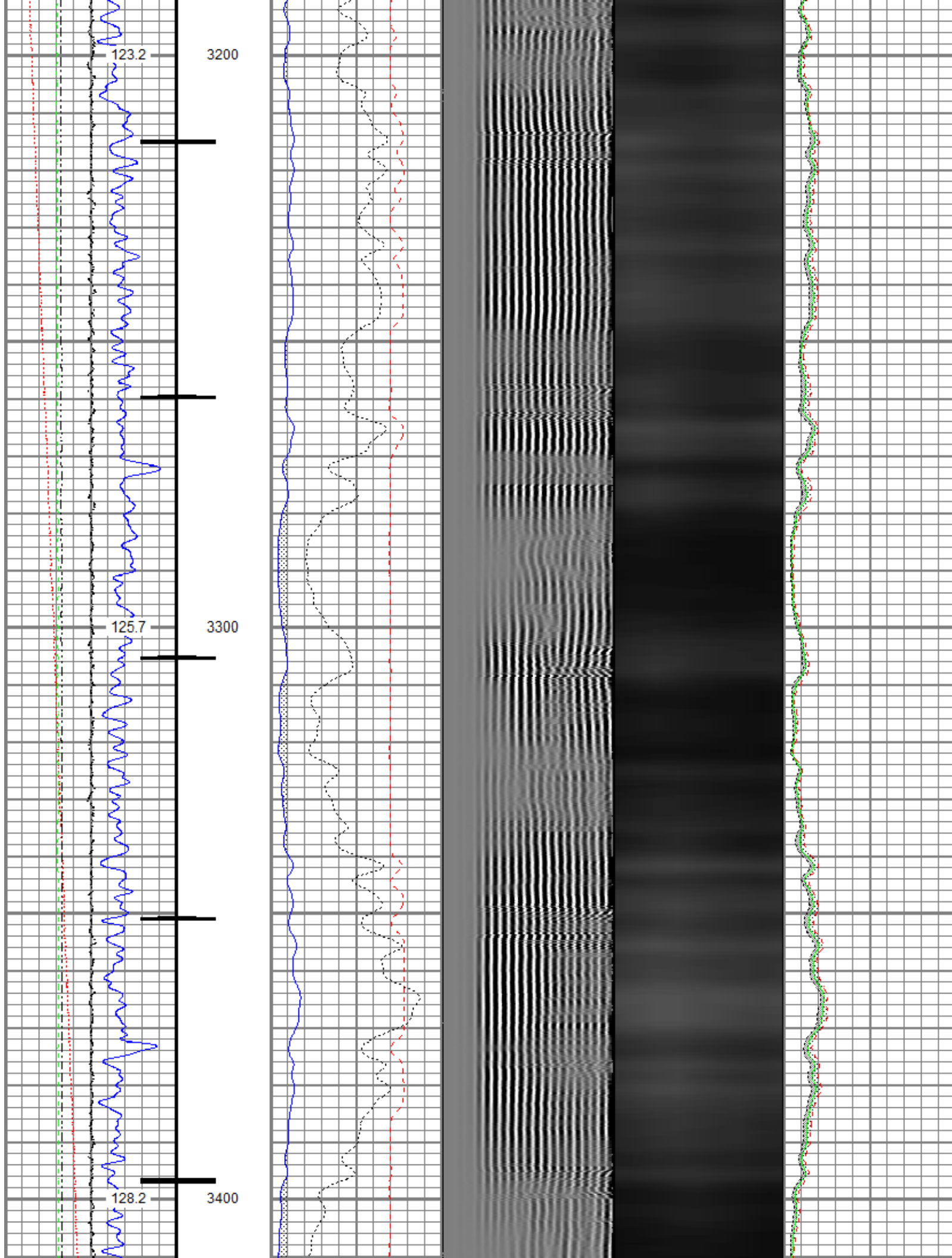


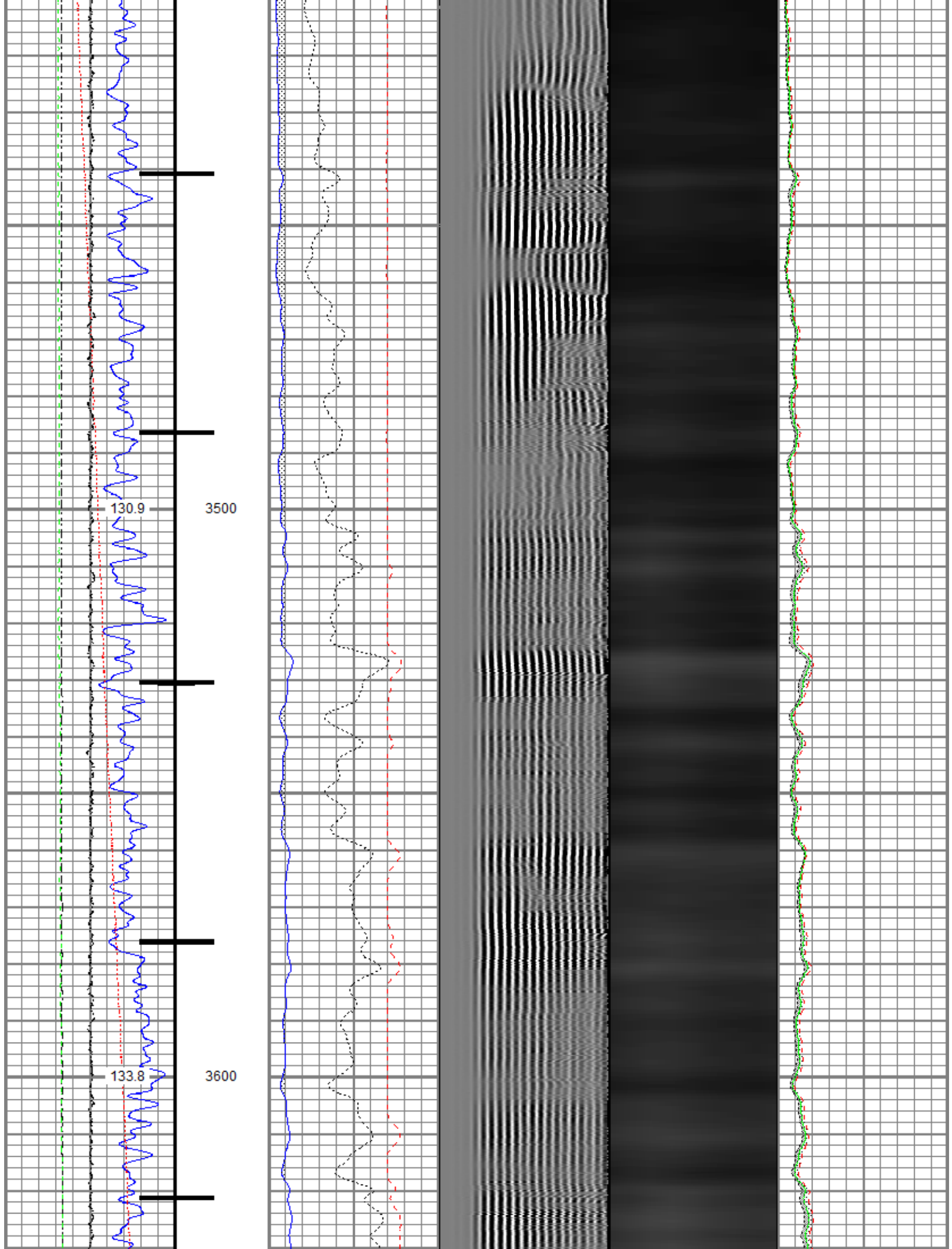


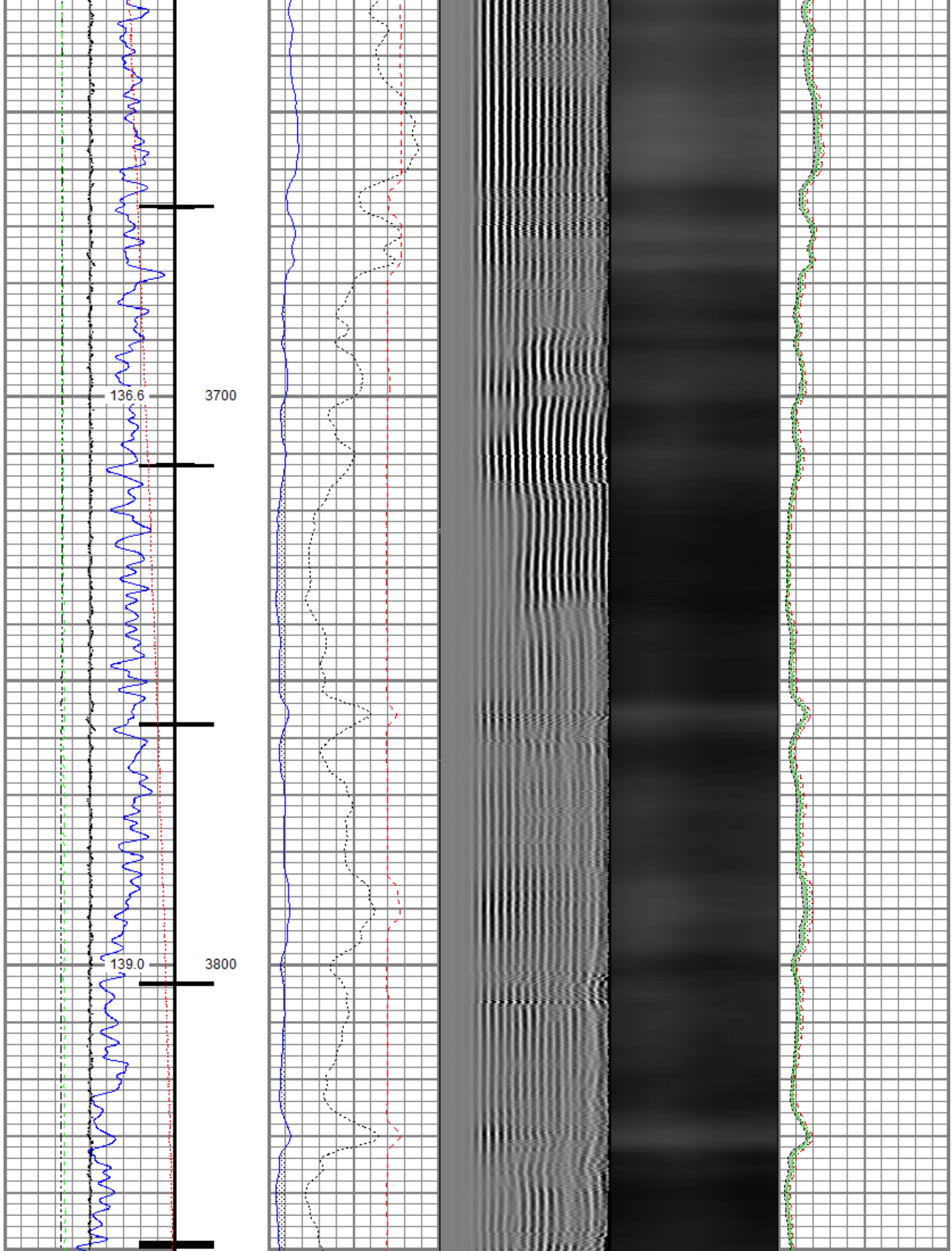


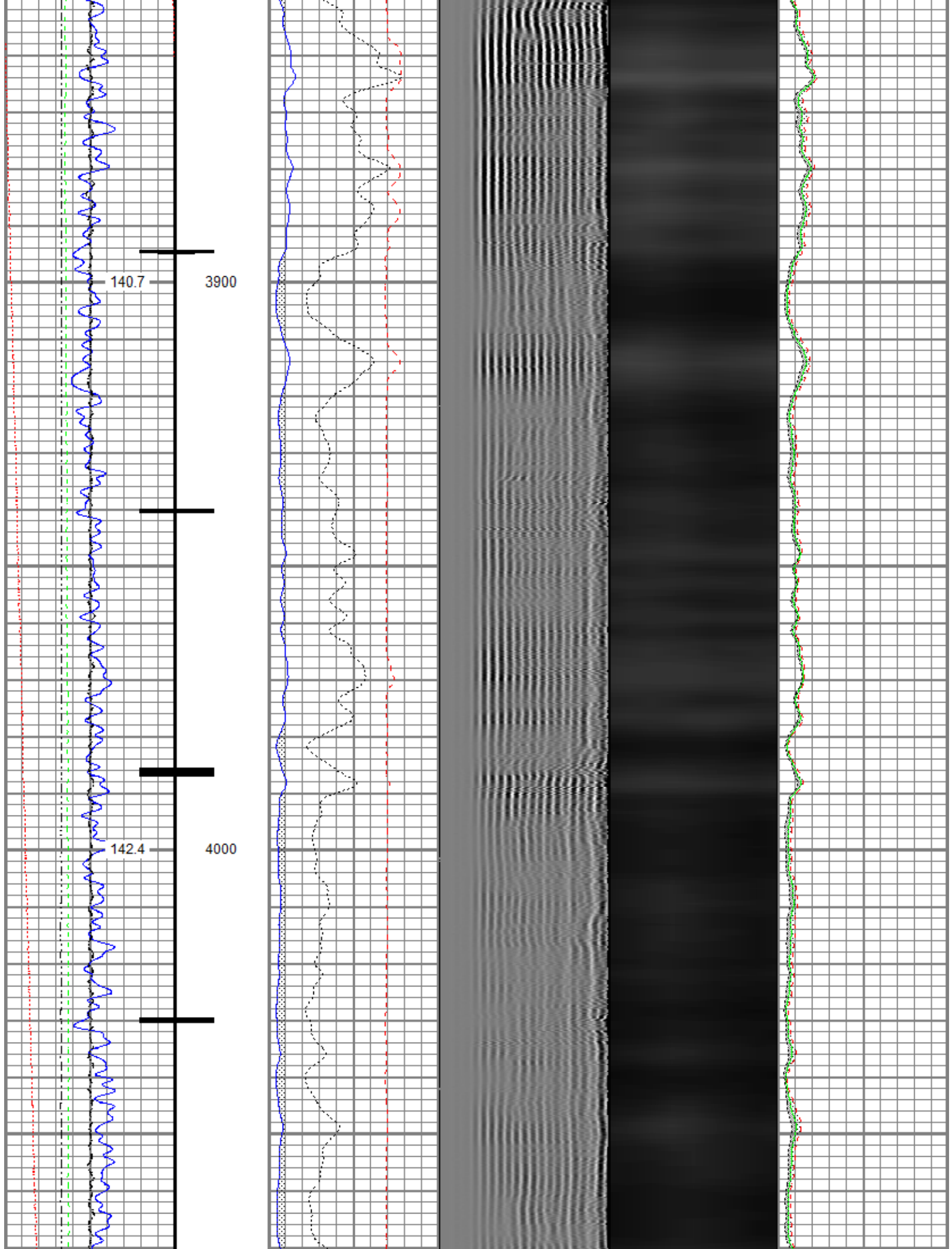


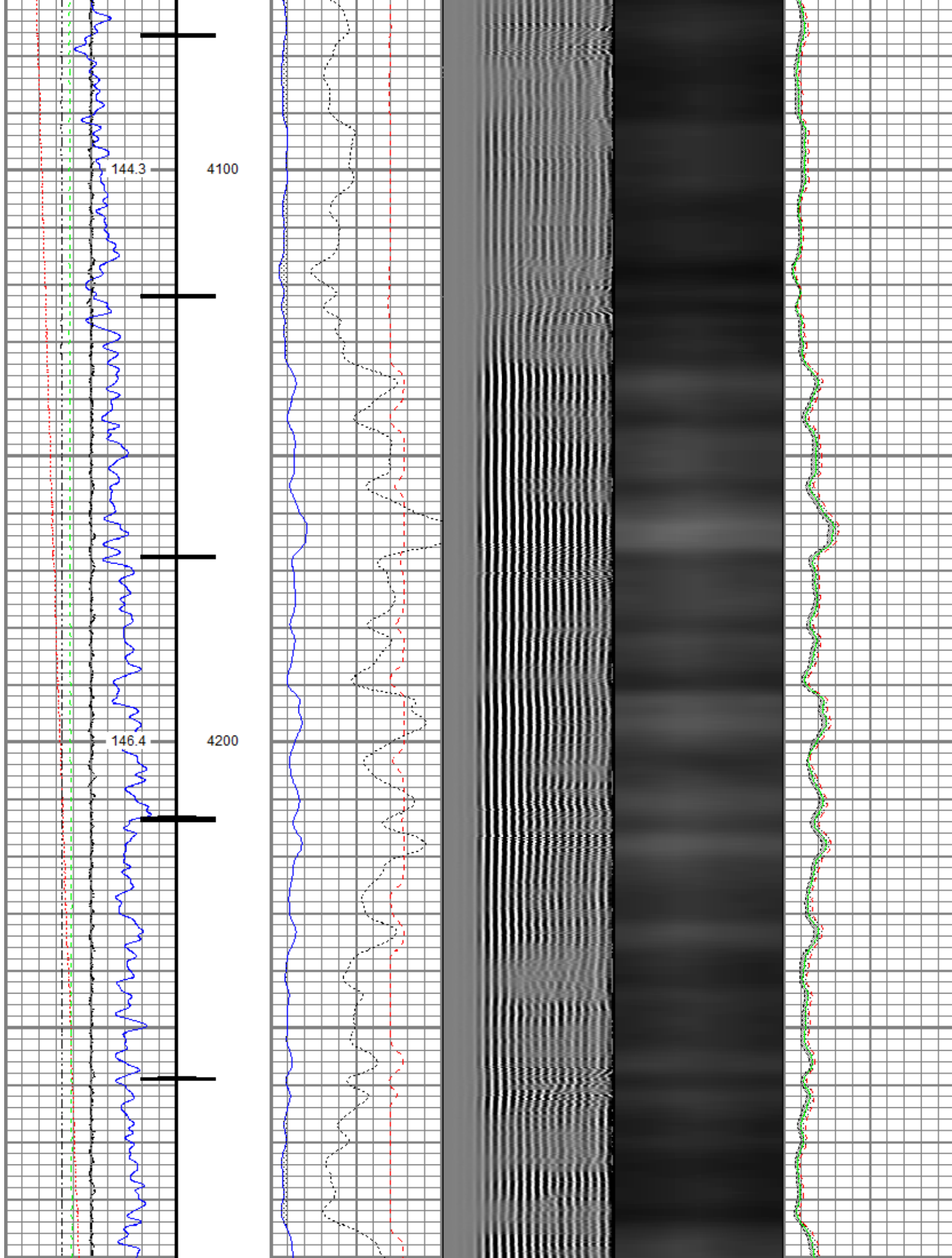


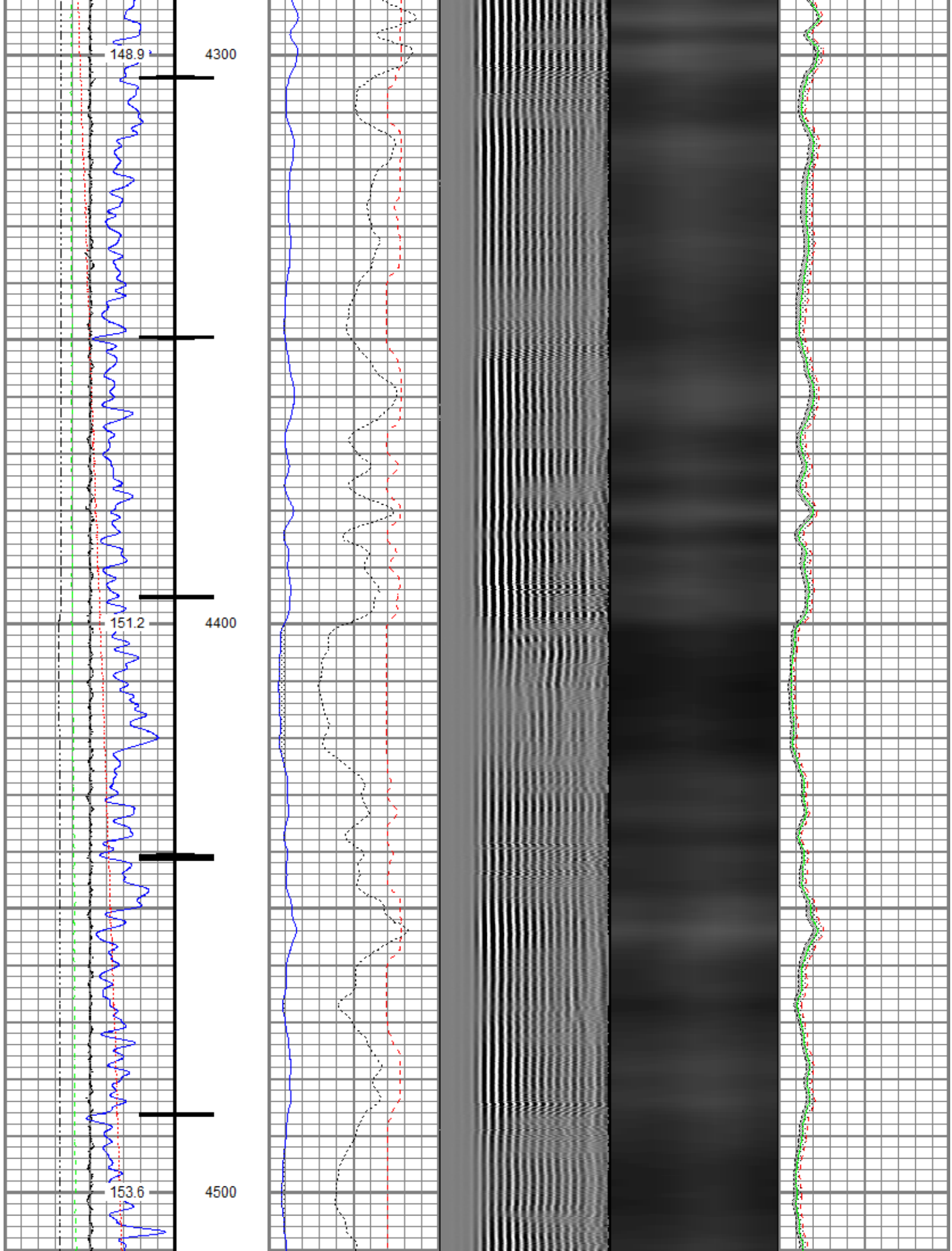


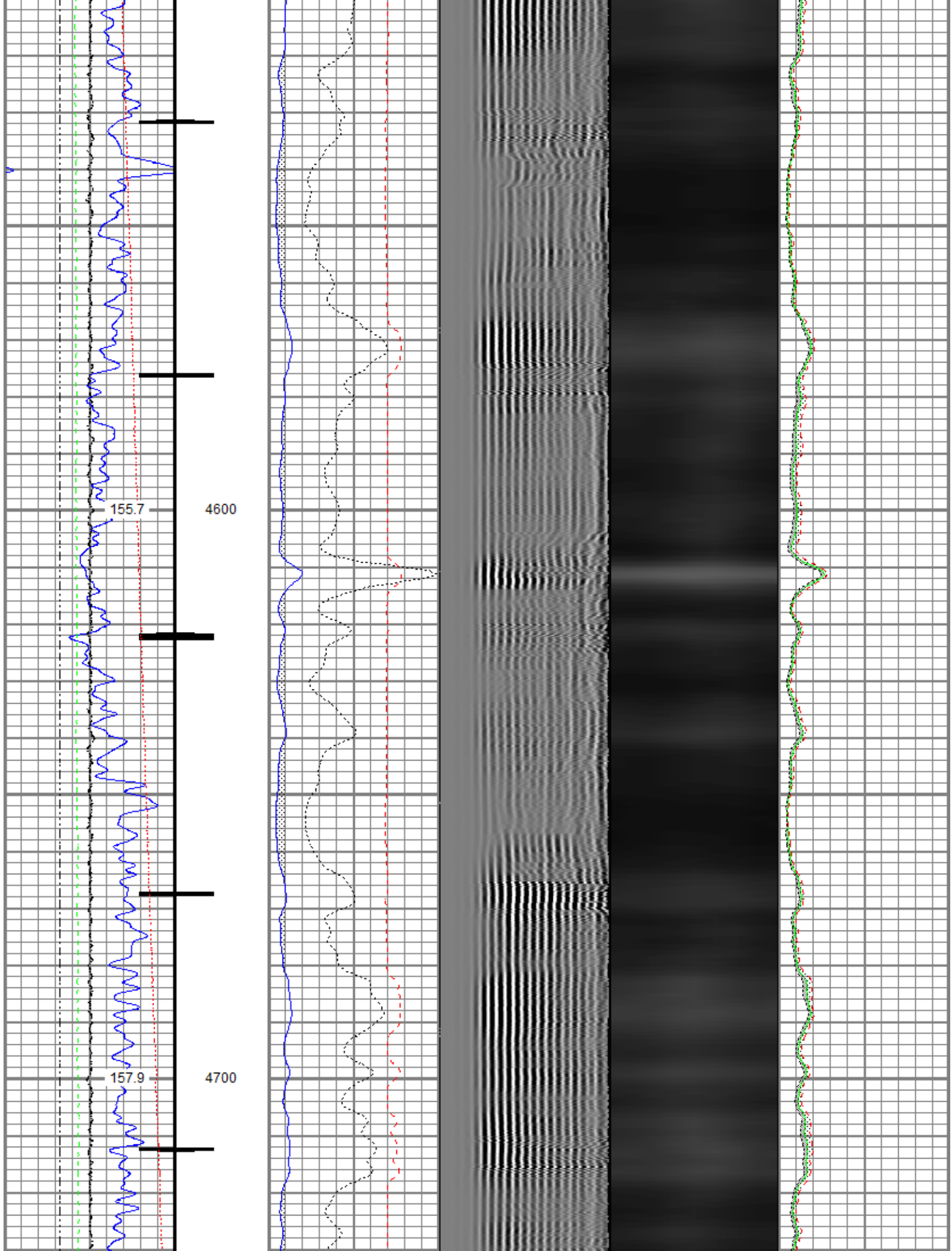


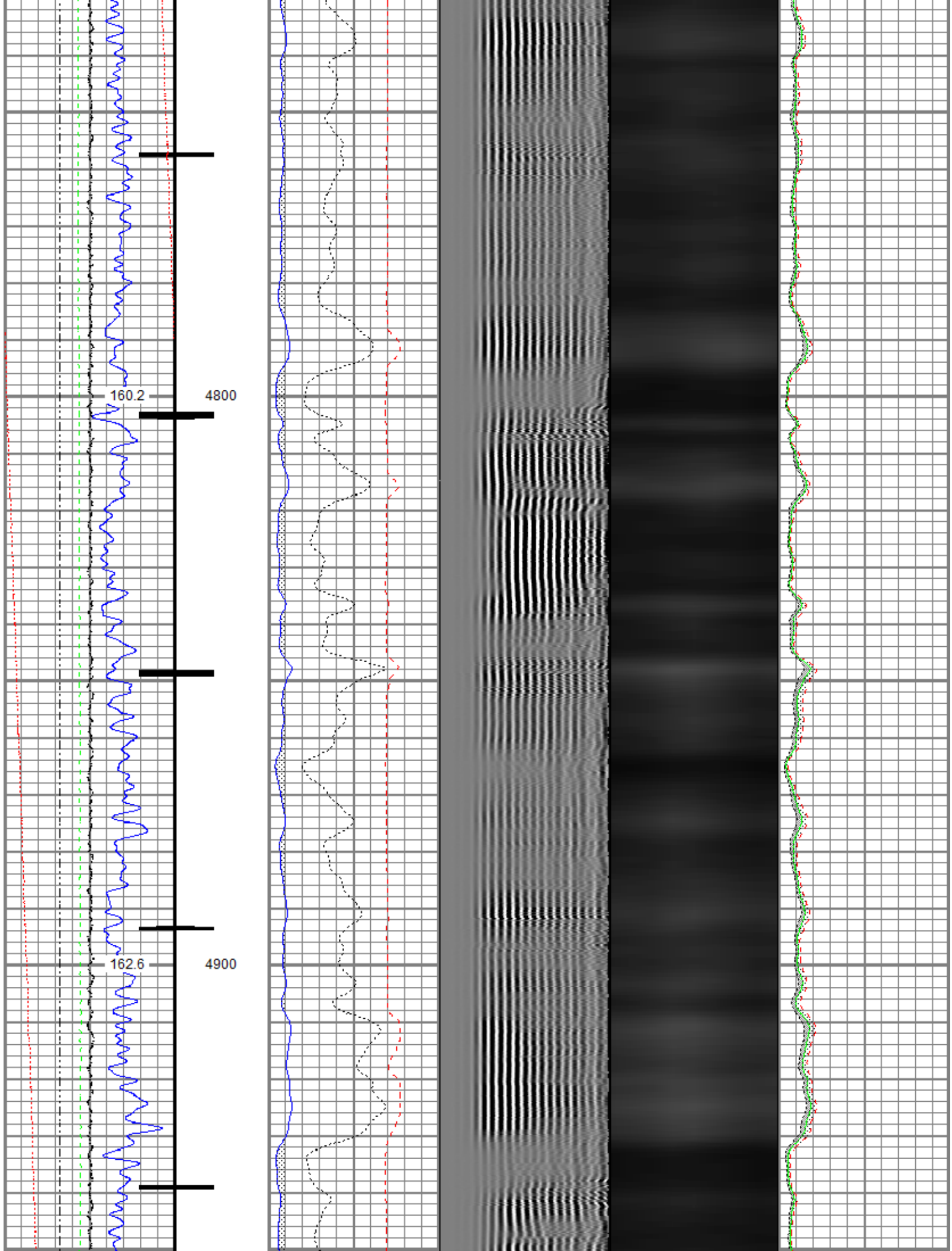


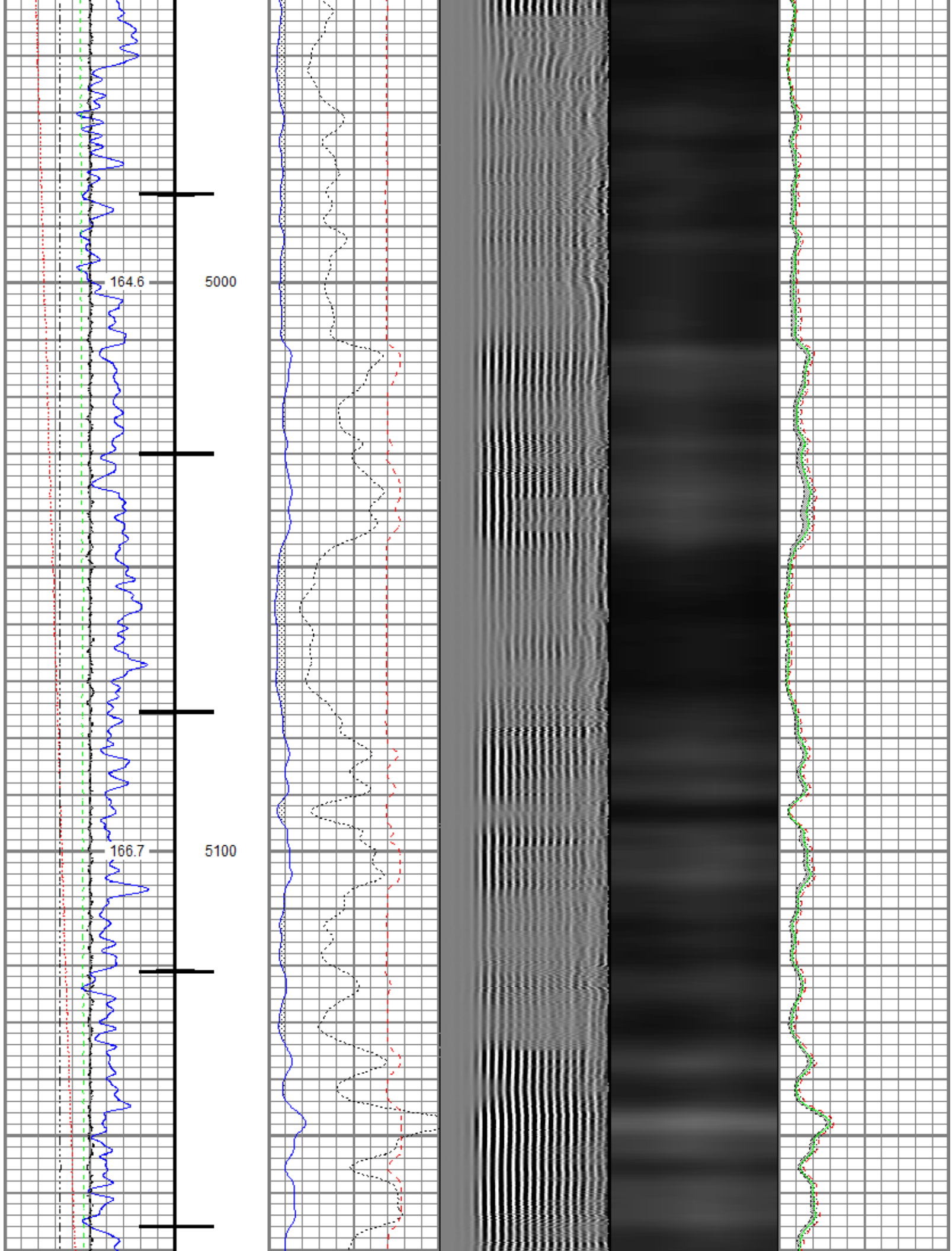


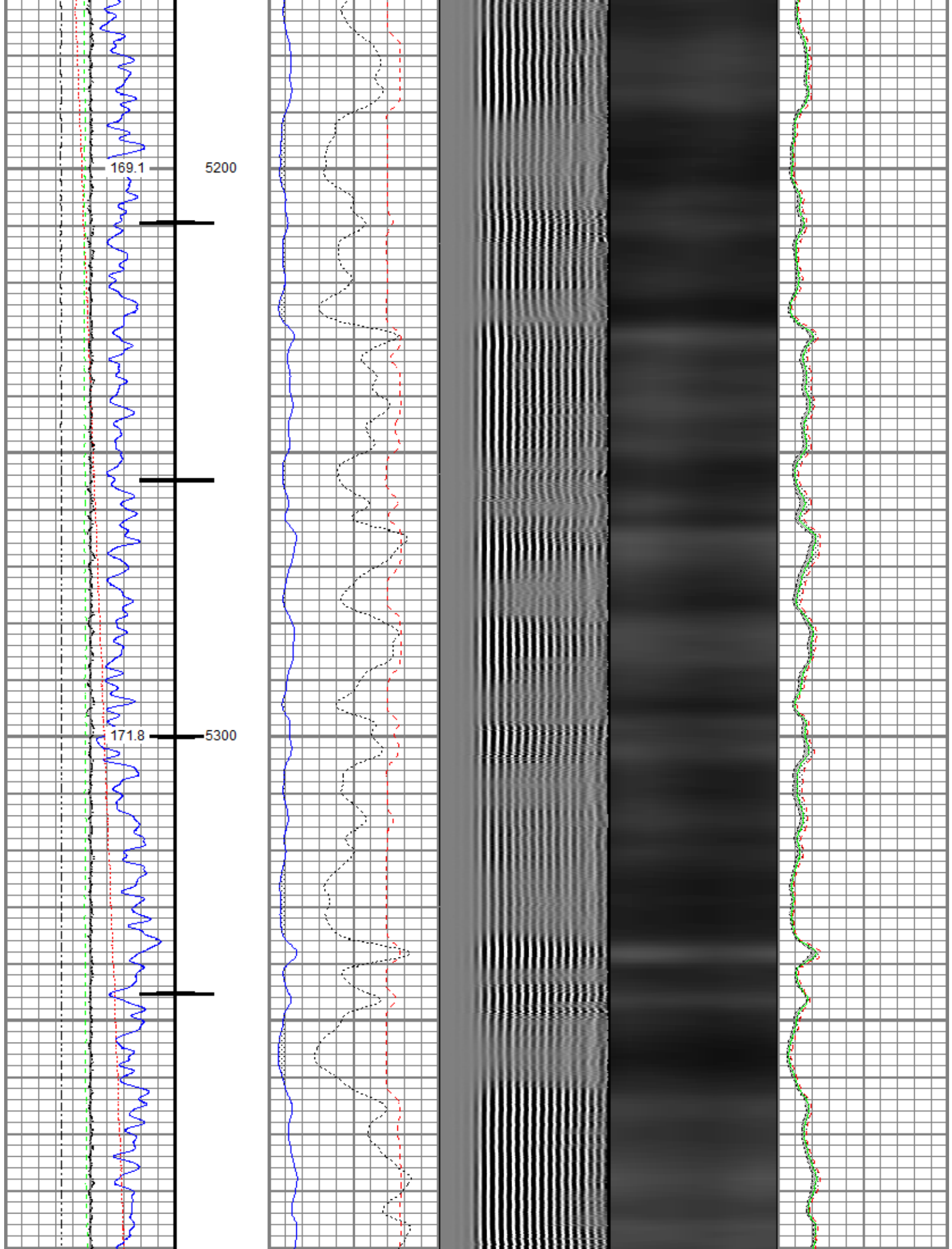


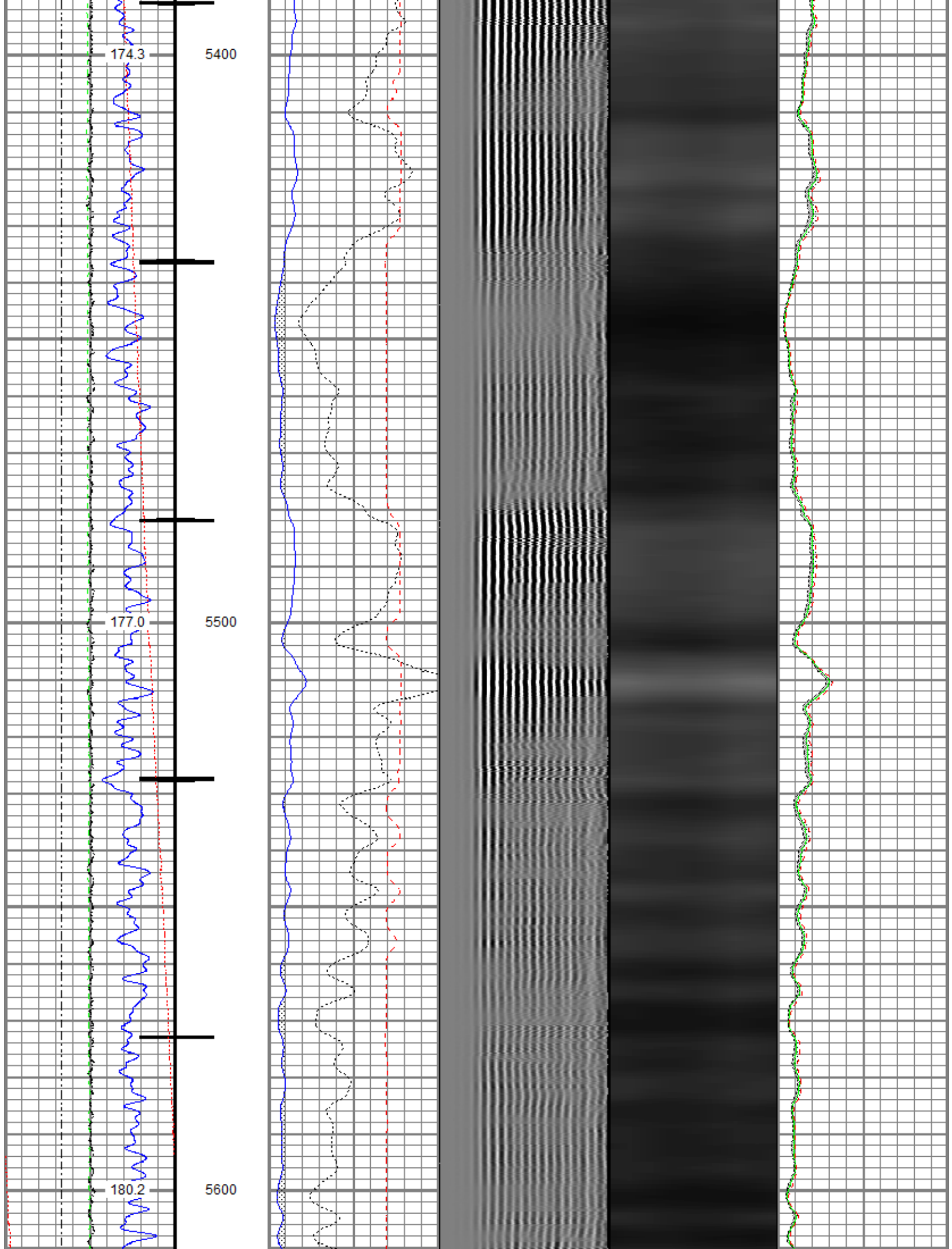


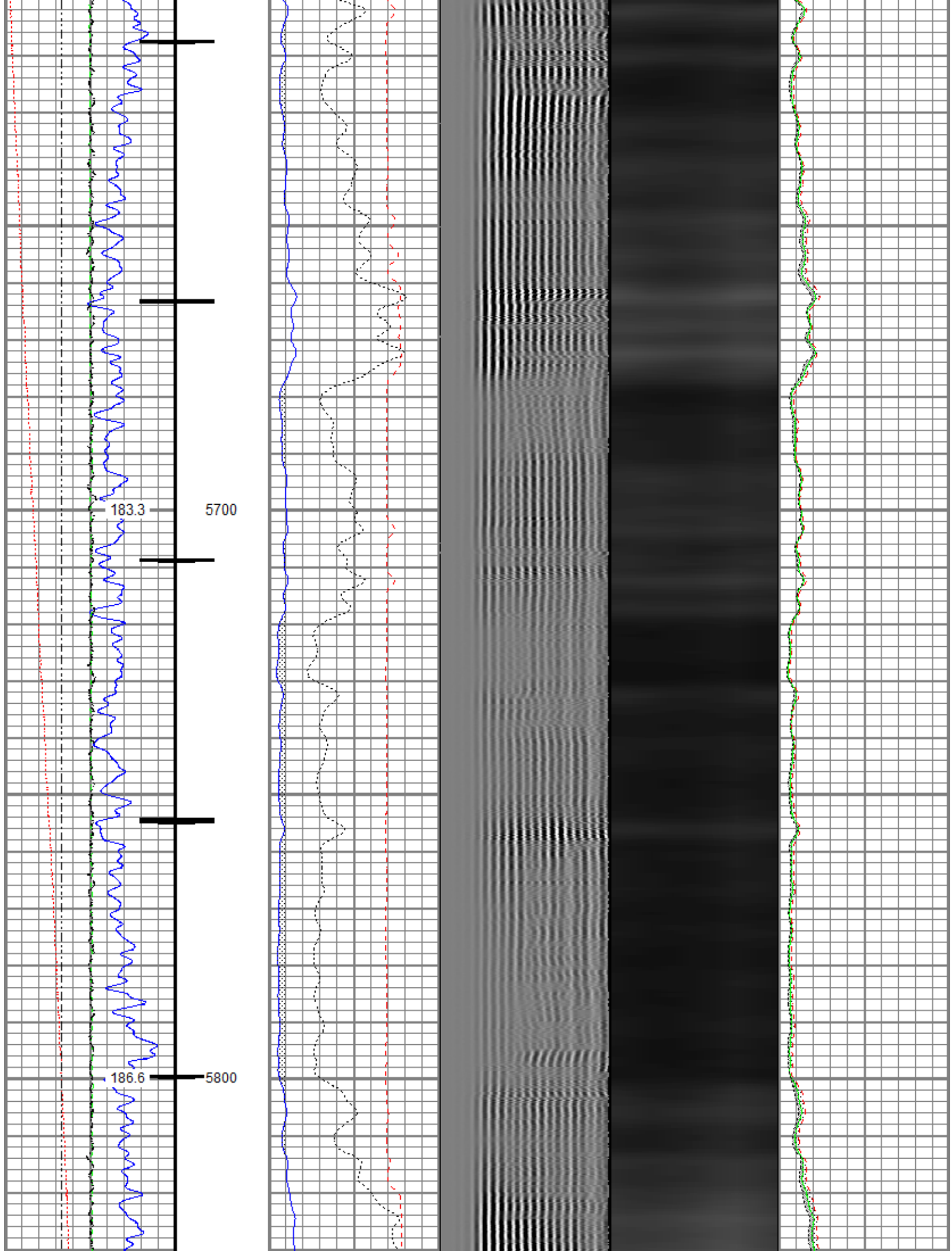


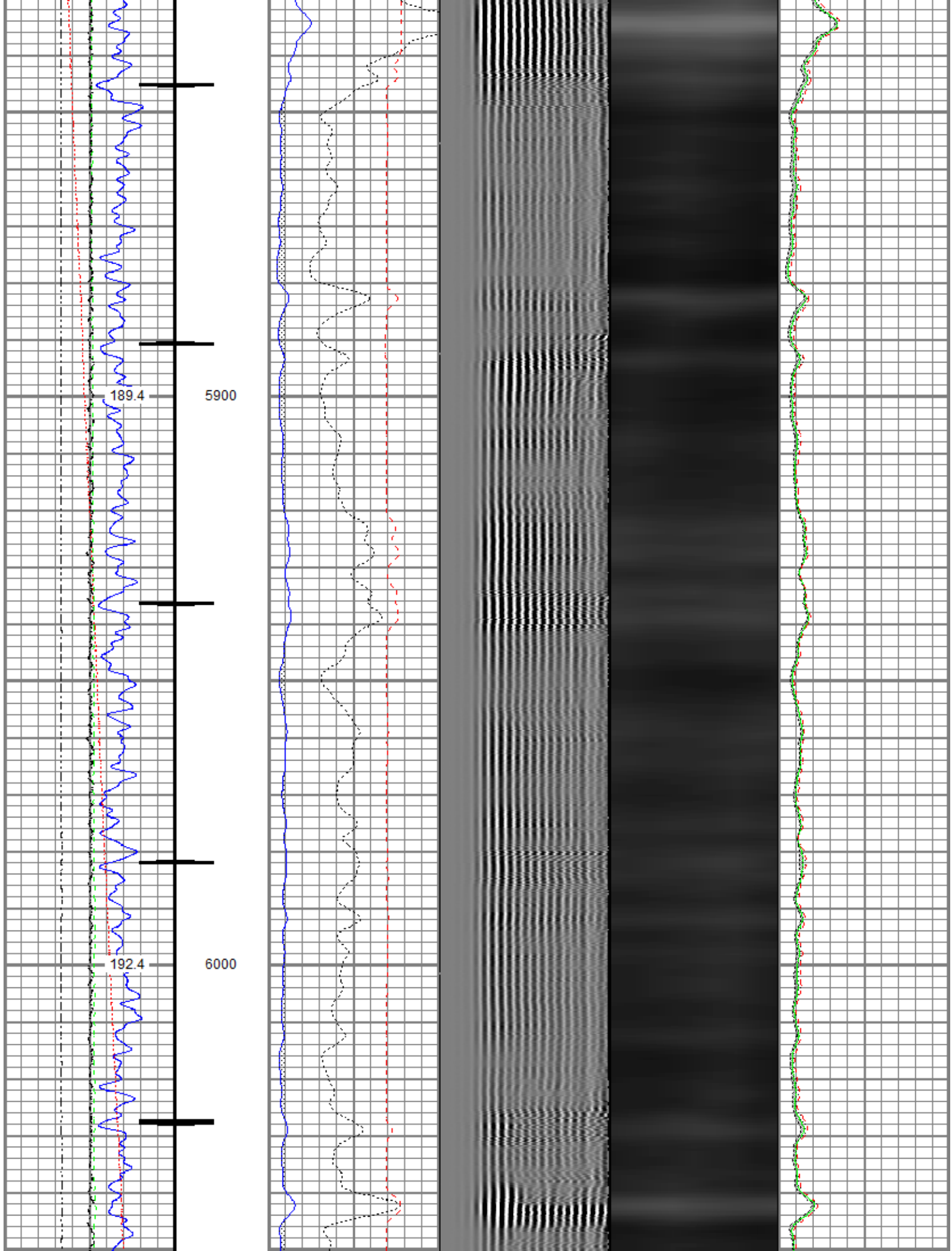


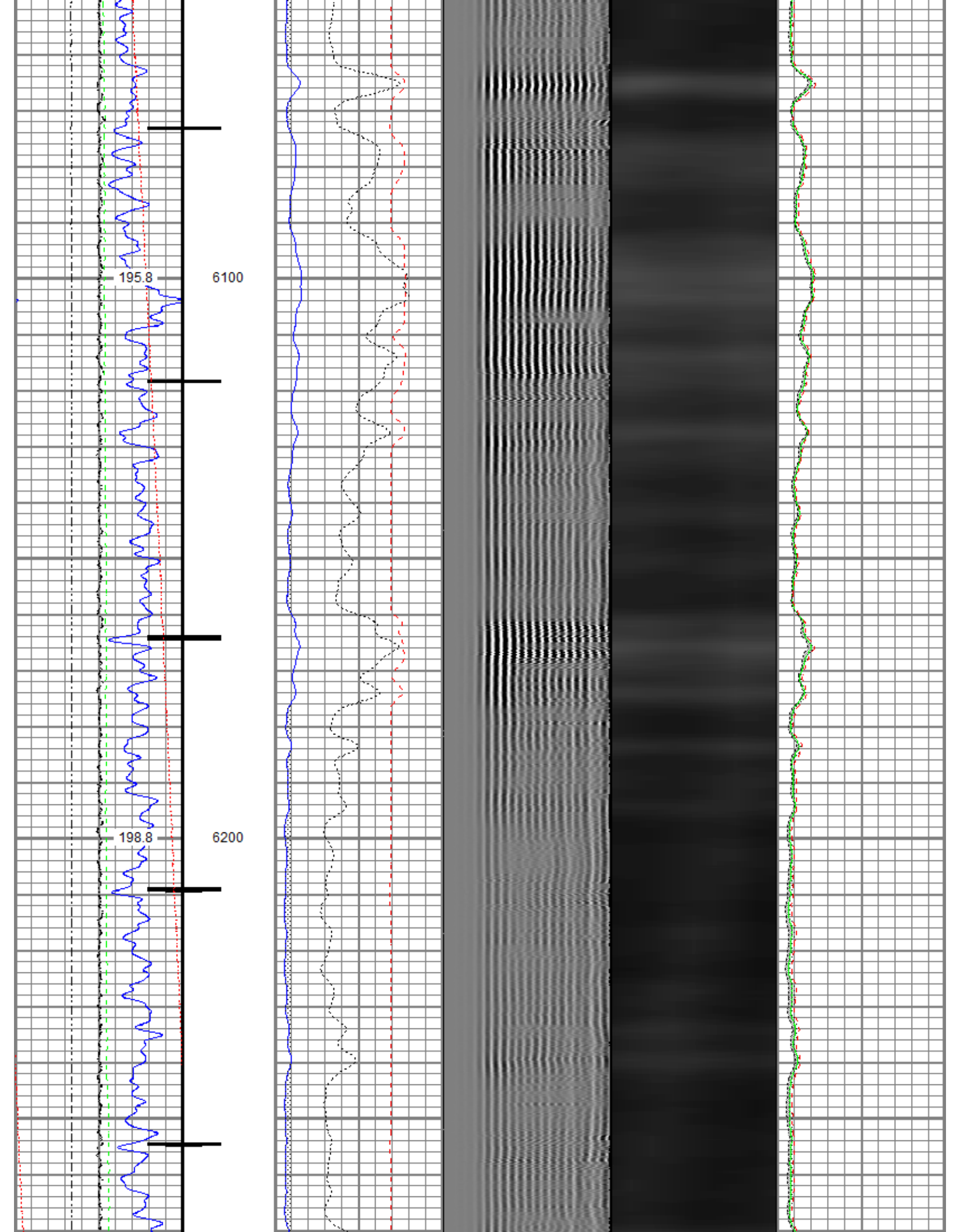


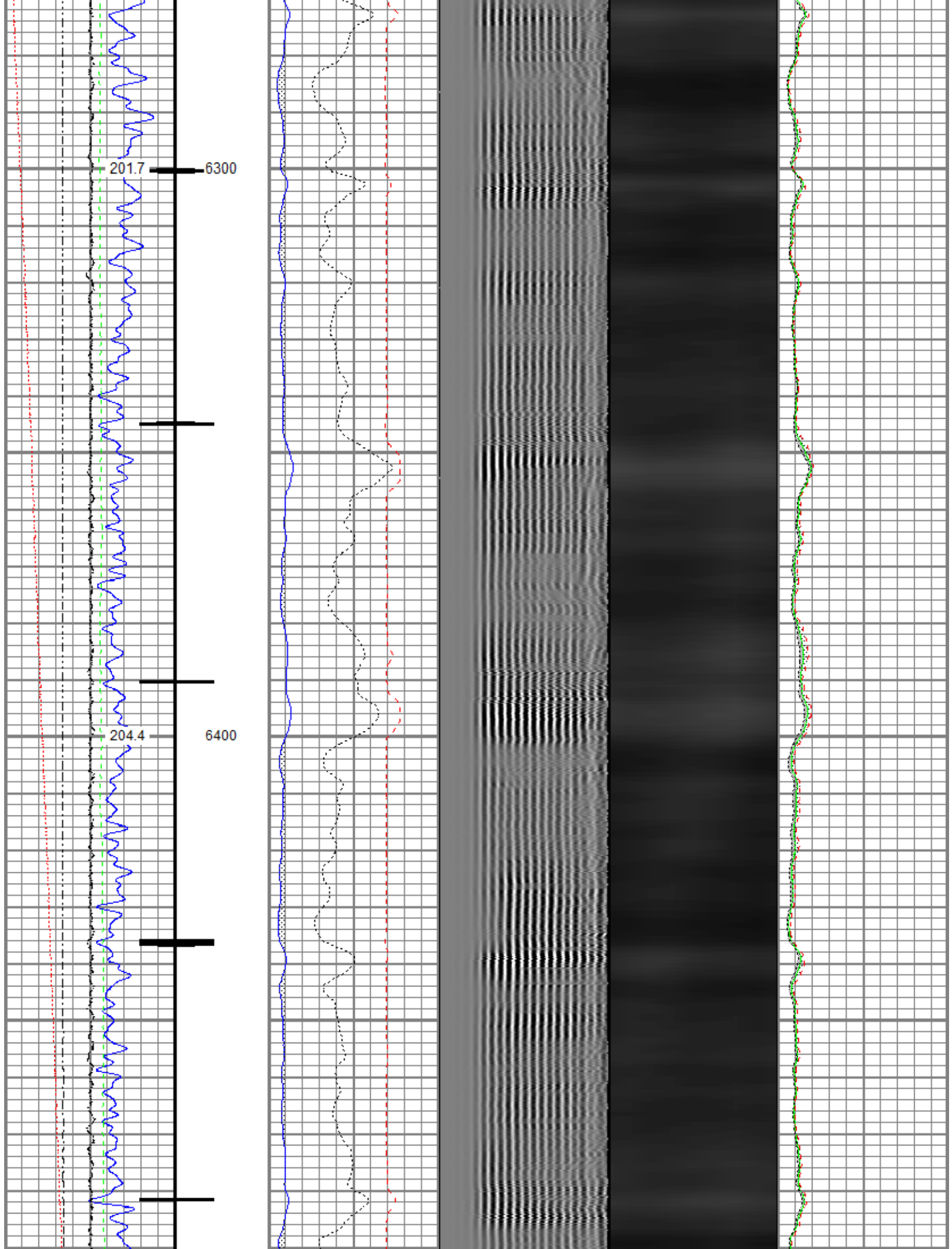


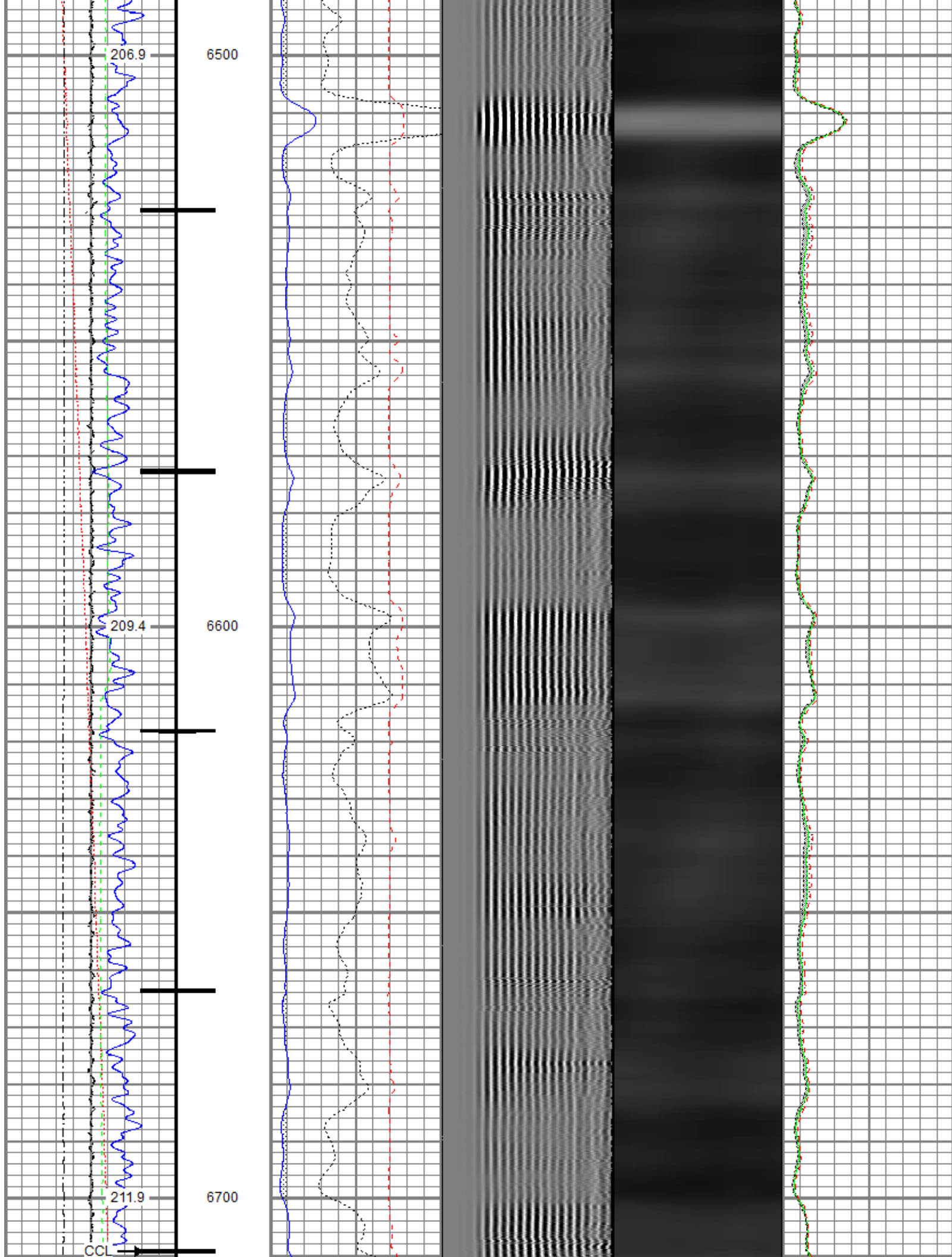


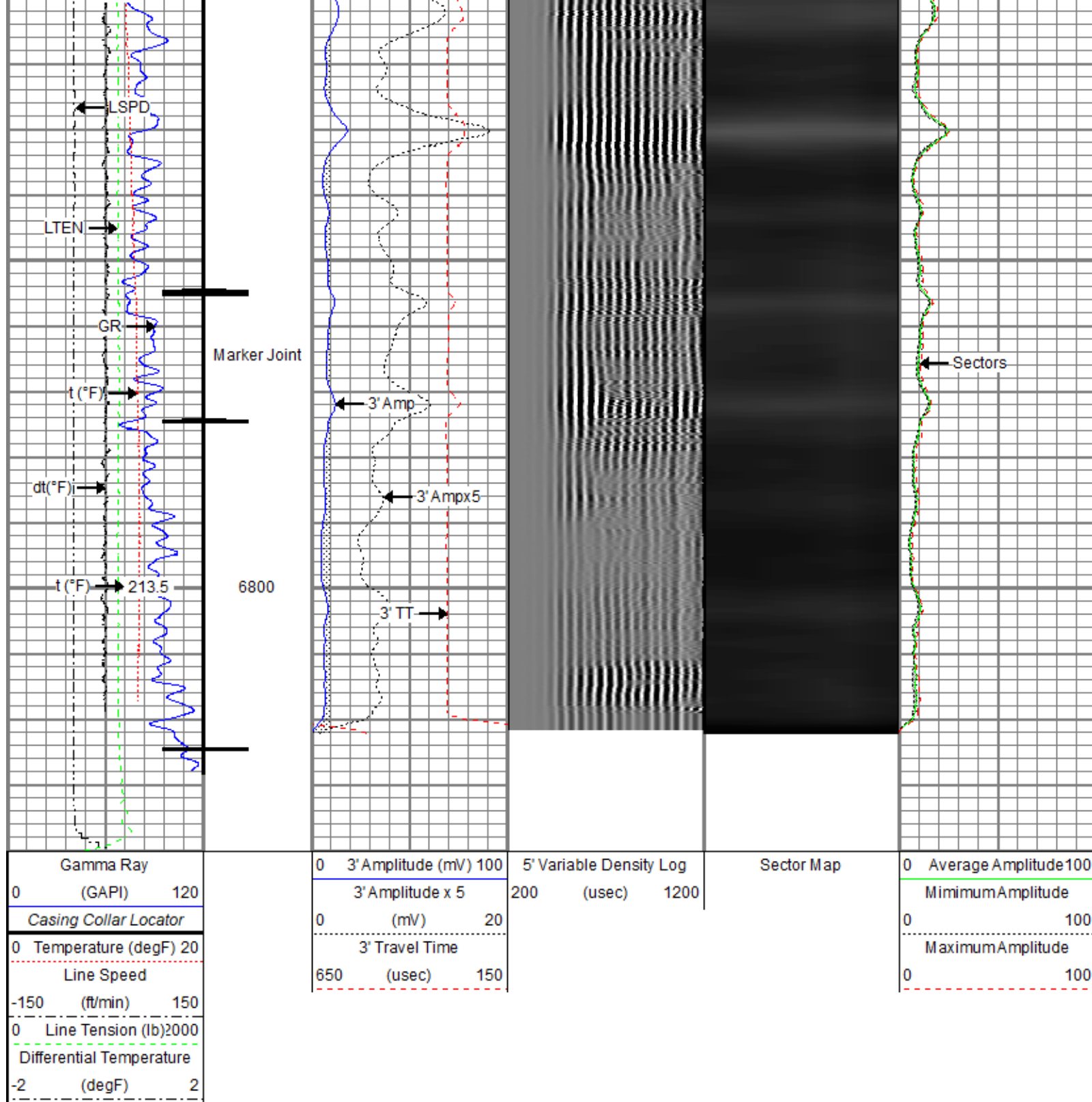








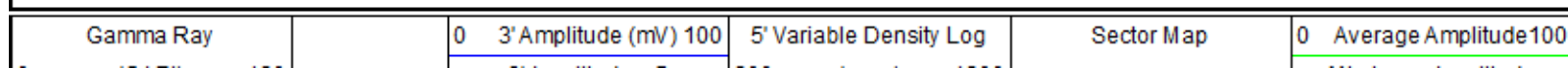




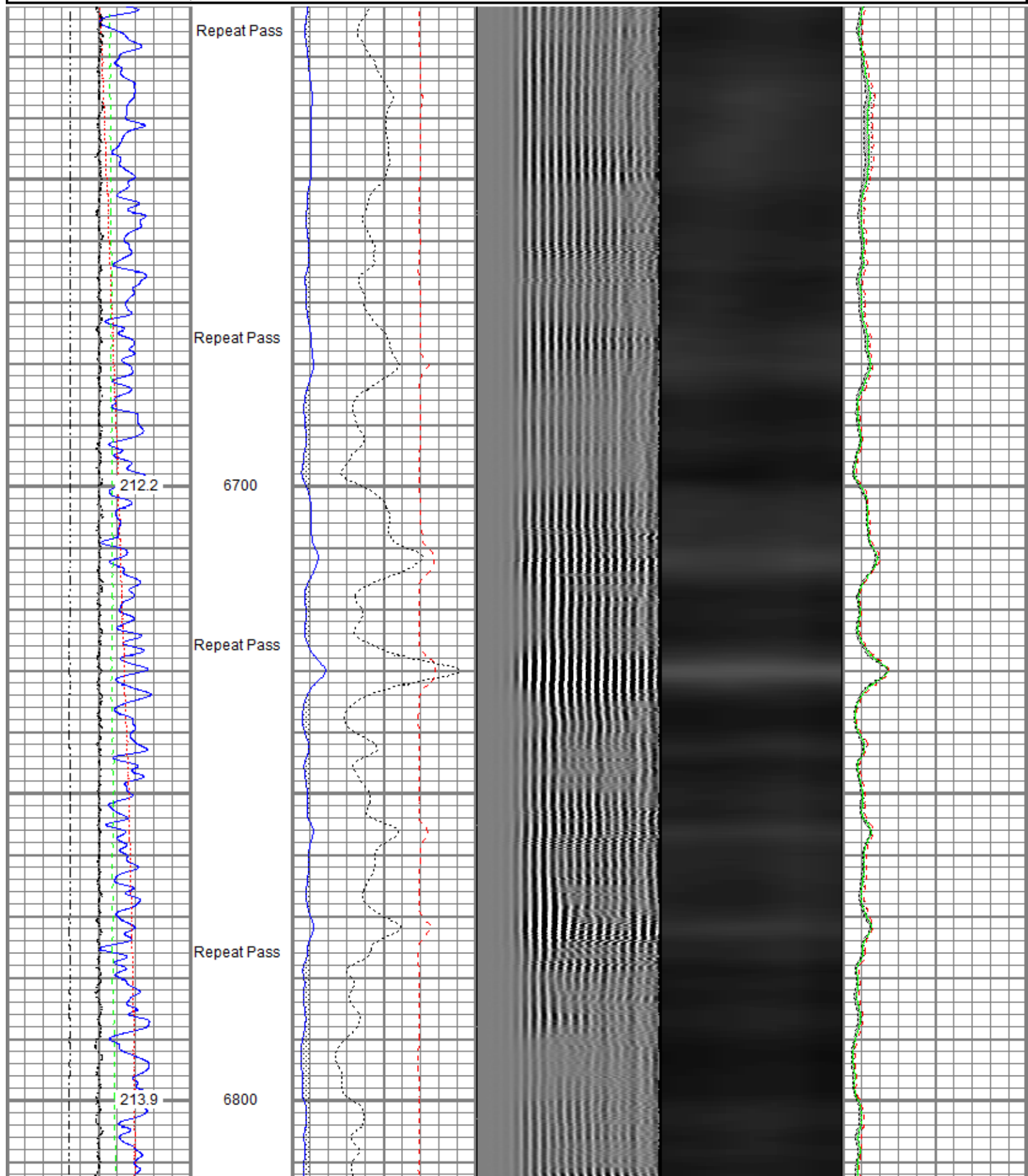
Repeat Pass

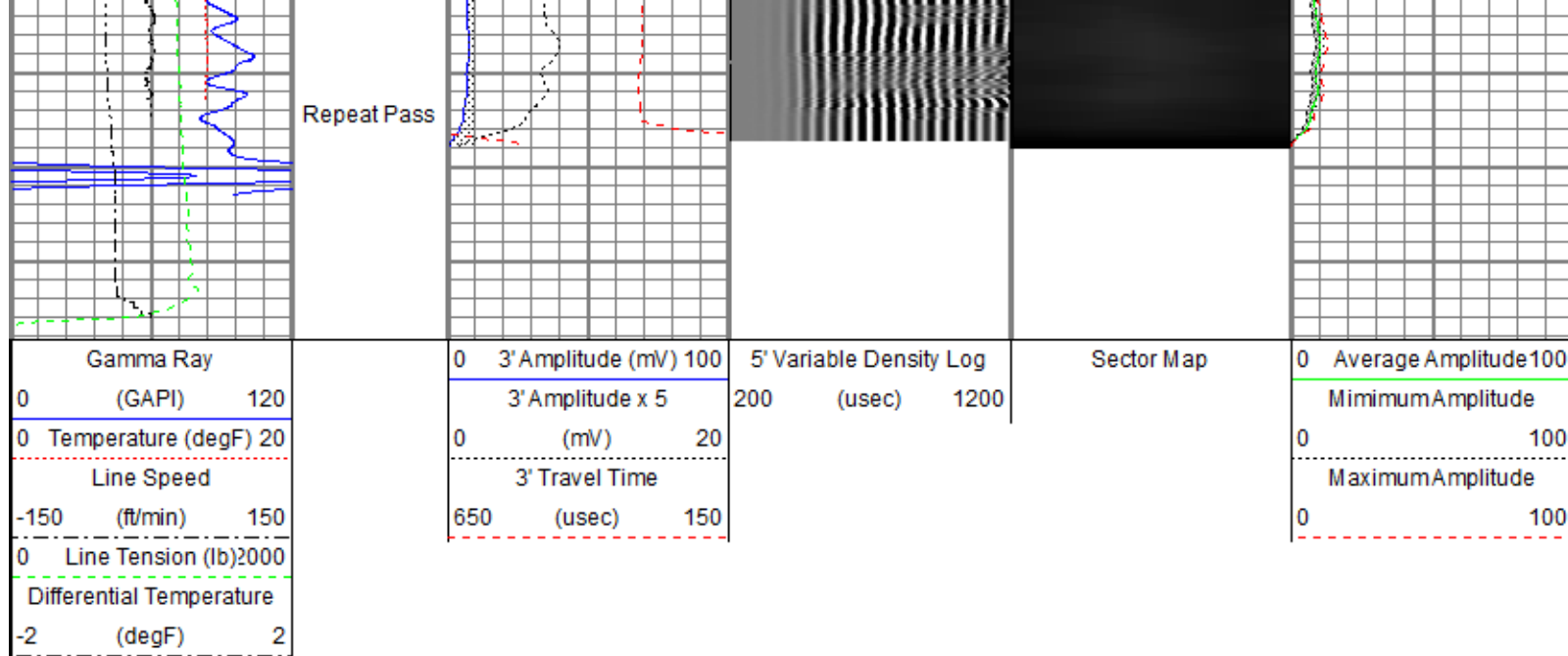
Recorded With 2500 PSI Surface Induced Pressure

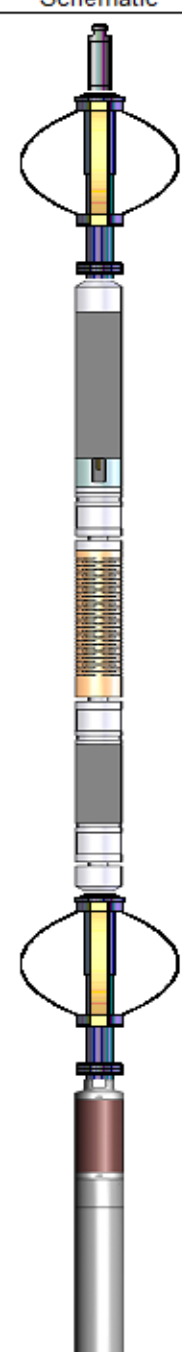
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 Presentation Format ros_radrii
 Dataset Creation Wed Jun 20 14:37:24 2018
 Charted by Depth in Feet scaled 1:240

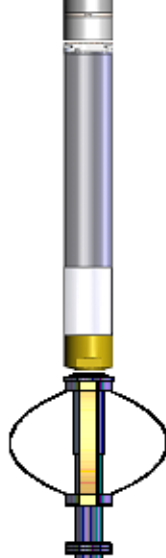


(GAPI) 120		3' Amplitude x 5		200 (usec)	1200	Minimum Amplitude	
0	Temperature (degF) 20	0	(mV)	20		0	100
Line Speed		3' Travel Time				Maximum Amplitude	
-150	(ft/min) 150	650	(usec)	150		0	100
0	Line Tension (lb) 2000						
Differential Temperature							
-2	(degF) 2						





Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
TEMP	22.08		Titan CHD-14375 GO Titan 1-7/16" Assembled Electric Cable Head w/ 1" Fishing Neck	1.03	1.44	3.60
			Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
			Probe Radii-2750 RBT (FW1302-002) Probe 2-3/4" Radial Cement Bond Tool with Integral Temperature Sub	9.39	2.75	105.00
WVFS8	19.84					
WVFS7	19.84					
WVFS6	19.84					
WVFS5	19.84					
WVFS4	19.84					
WVFS3	19.84					
WVFS2	19.84					
WVFS1	19.84					
WVFCAL	19.84					
WVF3FT	19.84					
WVF5FT	18.84					
HEADVOLT	15.59					
			Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
CCL\$2	11.83					
CCL\$1	11.83					
GR	10.50		Probe GR-CCL-2750 6PB (FW1304-132) Probe 2-3/4" rev.1 Digital Scintillation Gamma Ray/CCL Combined with 6 Pin Bottom for CNT	4.80	2.75	55.00

CNLSC CNSSC	4.53		Probe CN-2750 BL (FW1308-020_A1483) Probe 2-3/4" Compensated Neutron with Bottom Load	5.03	2.75	60.00
	4.12		Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
Dataset: SRC Energy_Harvesters State 30C-16-M_RBL_CNL_06-20-18.db: field/well/run1/pass5 Total length: 28.90 ft Total weight: 283.60 lb O.D.: 2.75 in						

Calibration Report					
Database File	C:\ProgramData\Warrior\Data\SRC\Harvesters State 30C-16-M\SRC Energy_Harvesters State 30C-16-M_RBL_CNL_06-20-18.db				
Dataset Pathname	pass5				
Dataset Creation	Wed Jun 20 16:09:18 2018				
Compensated Neutron Calibration Report					
Type / Serial:		2750 BL / FW1308-020_A1483			
Source / Verifier:		/			
Temperature:					
SHOP CALIBRATION		Wed Oct 11 09:42:11 2017			
	Cal Tube	Units			
Tank Ratio		SS/LS			
Tank Porosity		pu			
LS Detector		cps			
SS Detector		cps			
Tool Ratio		SS/LS			
Tool Porosity		pu			
Tool Constant =					
Field Verifier	SS Detector	LS Detector	Ratio	Porosity	
PRE-SURVEY VERIFICATION					
	SS Detector	LS Detector	Ratio	Porosity	
POST-SURVEY VERIFICATION					
	SS Detector	LS Detector	Ratio	Porosity	

Gamma Ray Calibration Report		
Serial Number:	FW1304-132	
Tool Model:	2750 6PB	
Performed:	Tue Nov 28 11:17:11 2017	
Calibrator Value:	637.0	GAPI
Background Reading:	109.1	cps
Calibrator Reading:	1000.7	cps

Calibrator Reading:	1009.7	cps
Sensitivity:	0.7072	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	FW1302-002
Tool Model:	2750 RBT
Calibration Casing Diameter:	5.500 in
Calibration Depth:	-13.468 ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.002	0.817	0.800	71.921	87.224	0.615
CAL	0.006	0.775				
5'	-0.003	0.834	0.800	71.921	84.933	1.060
SUM						
S1	0.002	0.823	0.000	100.000	121.879	-0.264
S2	0.002	0.756	0.000	100.000	132.662	-0.291
S3	0.002	0.728	0.000	100.000	137.775	-0.285
S4	0.002	0.756	0.000	100.000	132.627	-0.271
S5	0.002	0.852	0.000	100.000	117.698	-0.261
S6	0.002	0.929	0.000	100.000	107.952	-0.258
S7	0.002	0.926	0.000	100.000	108.299	-0.251
S8	0.002	0.893	0.000	100.000	112.197	-0.243

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.006	0.775	1.000	0.000

Air Zero Calibration, performed Wed Jun 20 08:43:03 2018:

	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

Temperature Calibration Report

Serial Number:	FW1302-002
Tool Model:	2750 RBT
Performed:	Sun Nov 12 13:28:07 2017

	Reference	Reading
Low Reference:	100.00 degF	110.72 degF
High Reference:	350.00 degF	409.18 degF

Gain:	0.84
Offset:	7.26
Delta Spacing:	1



Company	SRC Energy Inc
Well	Harvesters State 30C-16-M
Field	Wattenberg
County	Weld
State	Colorado