

County Weld State Colorado

Other Services

Elevation

K.B. 5242

6.L. 5222

1

1

[illegible]

1

1

1

1

1

1

1

1

1

1

2

1

1

9

2

1

1

1

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.

Log ran as per customer request
Depth referenced to Casing Tally reported Marker Joint at 7092 FT
Adjusted -5 FT to correlate with Marker Joint
Gauge Ring/Junk Basket ran to 8214 FT
Retrievable Bridge Plug set at 7280 FT
Log ran with 0 PSI Surface Induced Pressure
Logging tools were clean and free of debris upon completion of operations

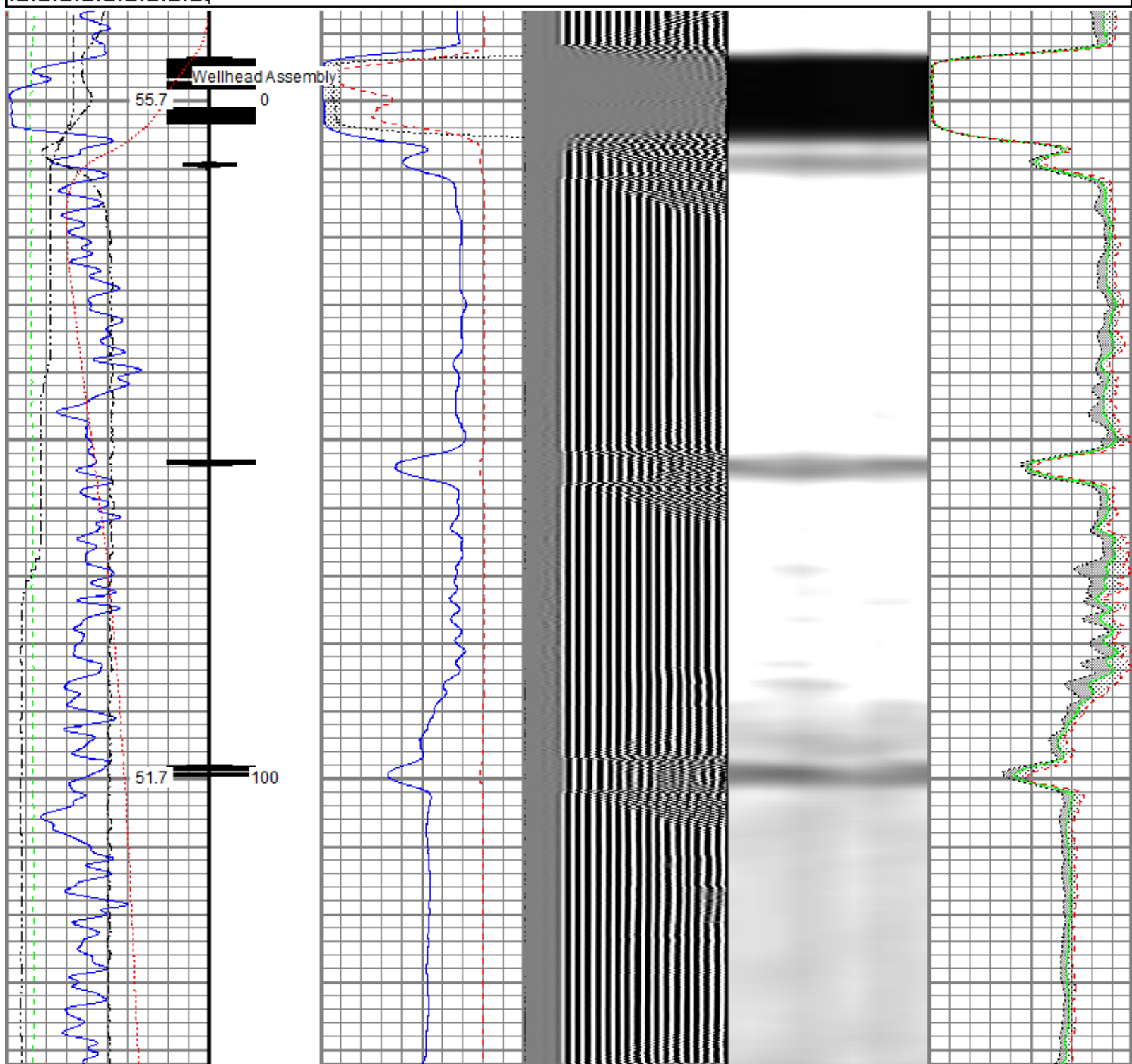
Thank you for choosing Reliance Oilfield Services, LLC!!

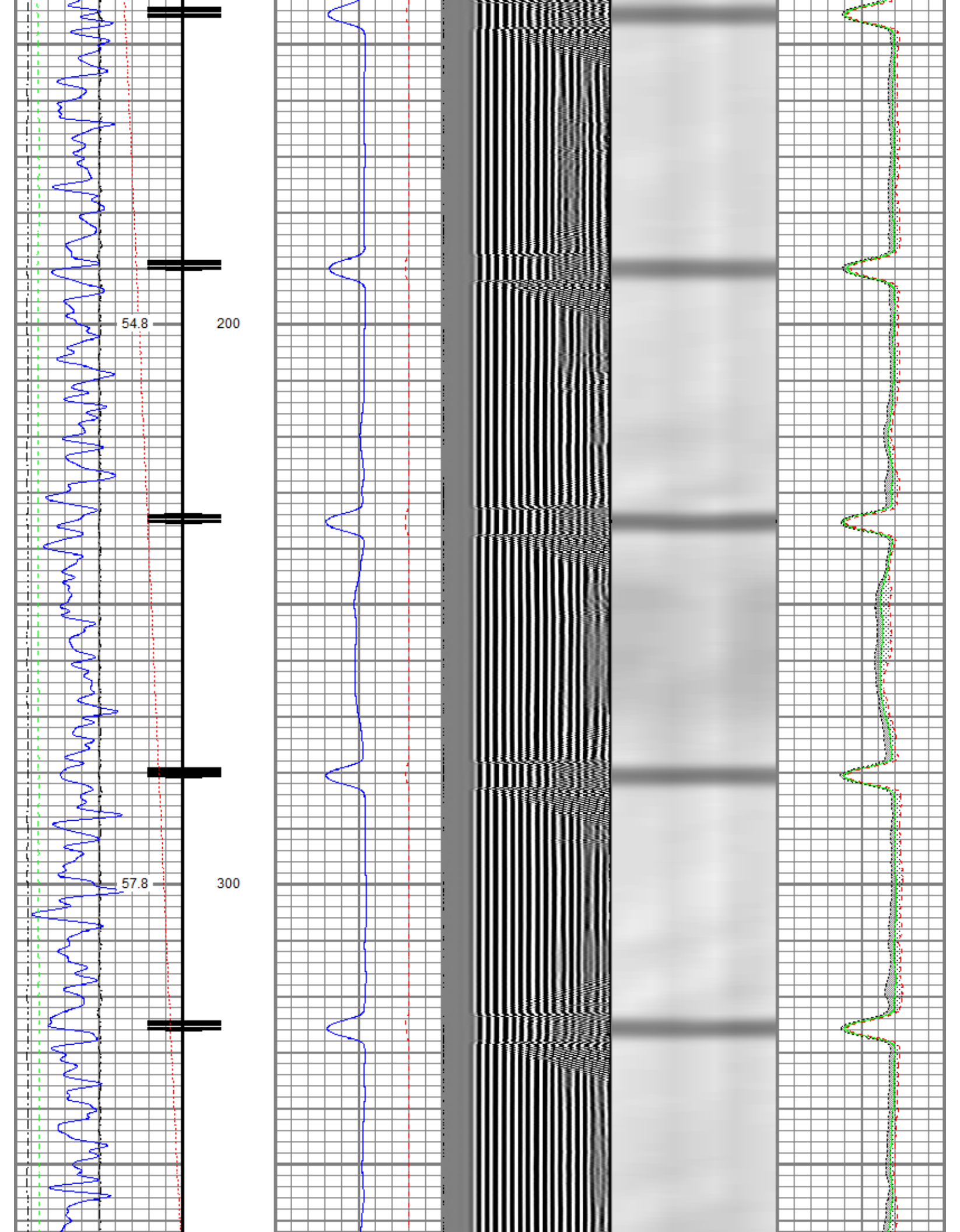


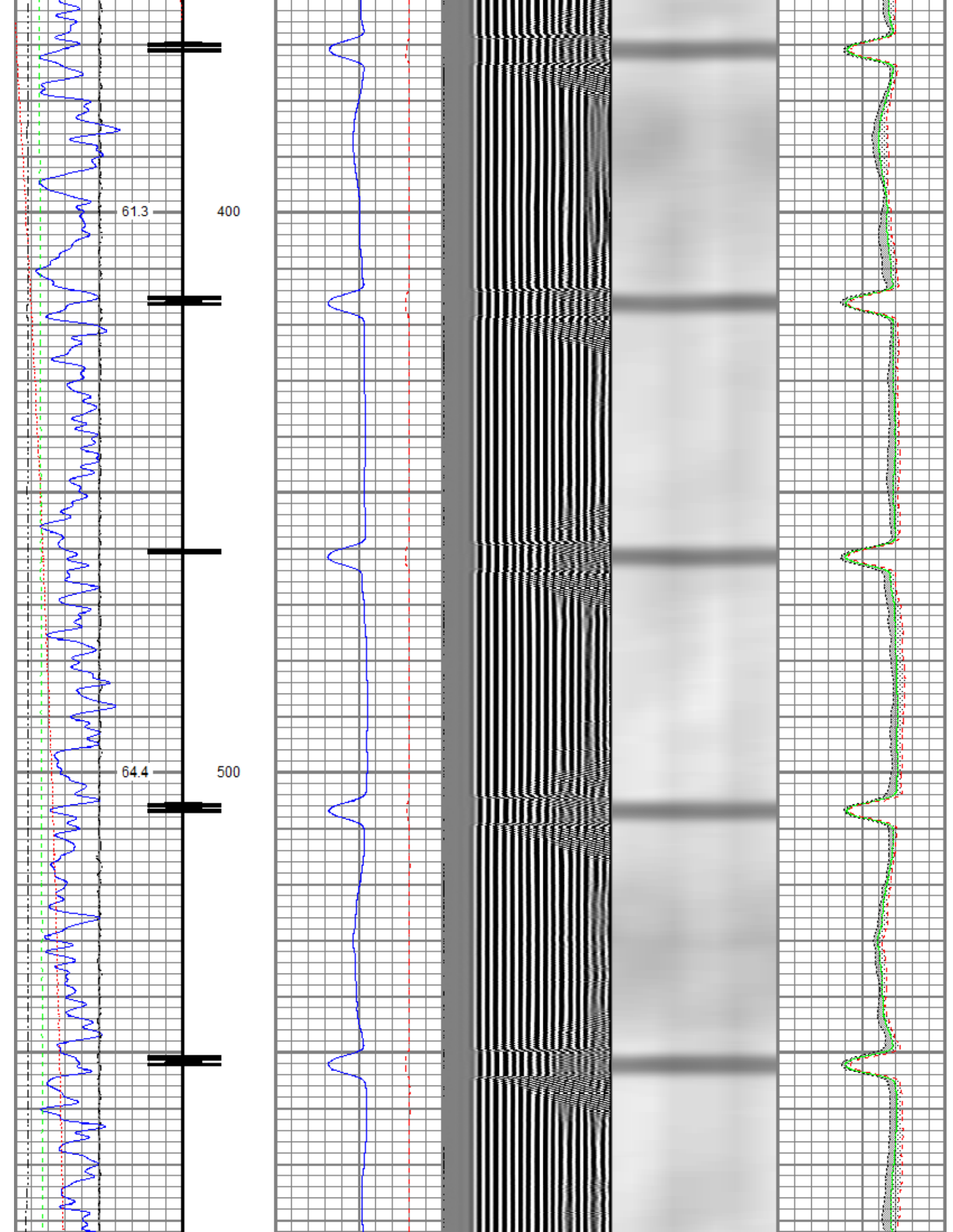
Recorded With A DSI Surface-Induced Procedure

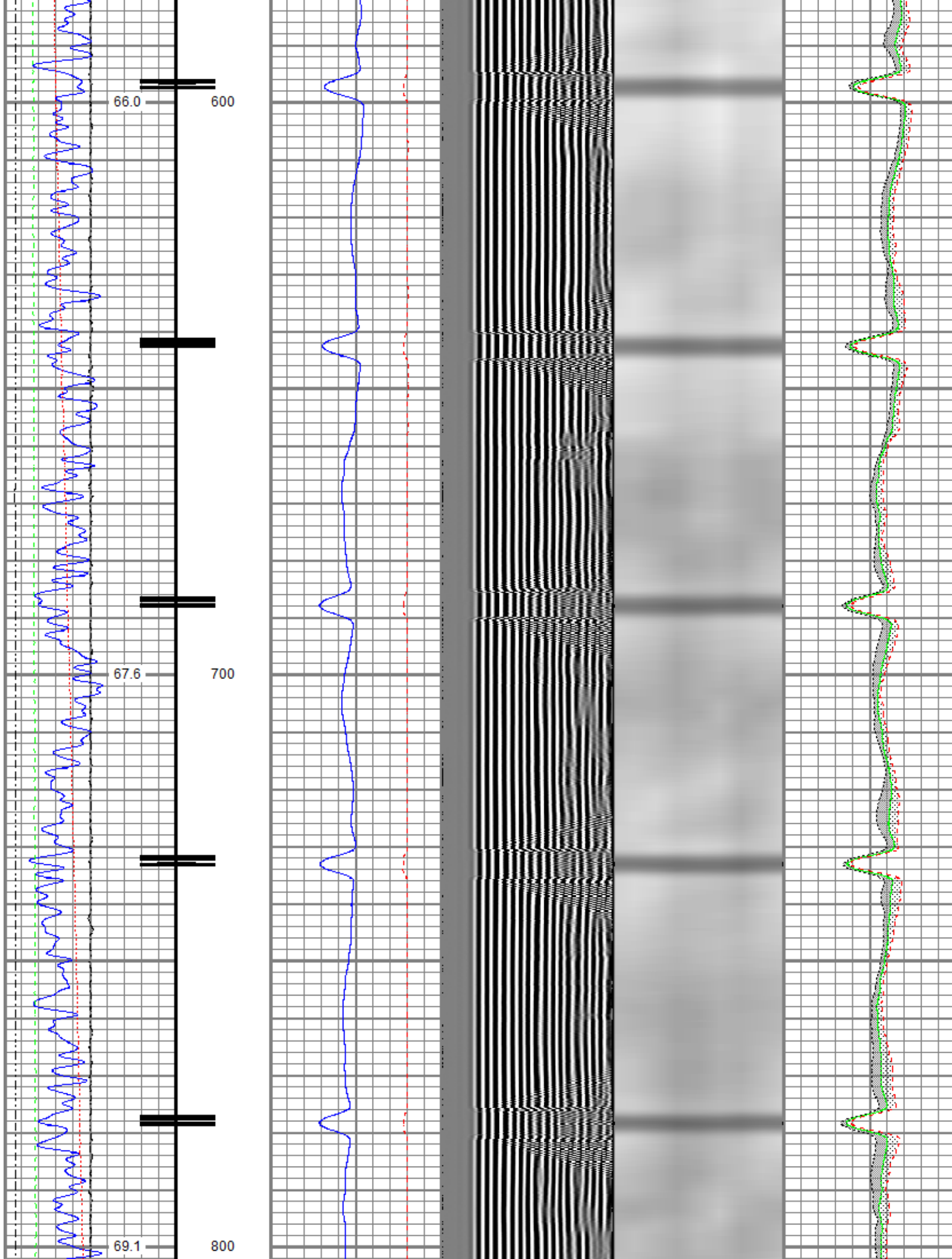
Database File	0512350638_oxy_windsock 21-6hz_rbl_03-15-20\0512350638_oxy_windsock 21-6hz_rbl_03-15-20.db
Dataset Pathname	pass4.1
Presentation Format	ros_radrii
Dataset Creation	Sun Mar 15 14:11:45 2020
Charted by	Depth in Feet scaled 1:240

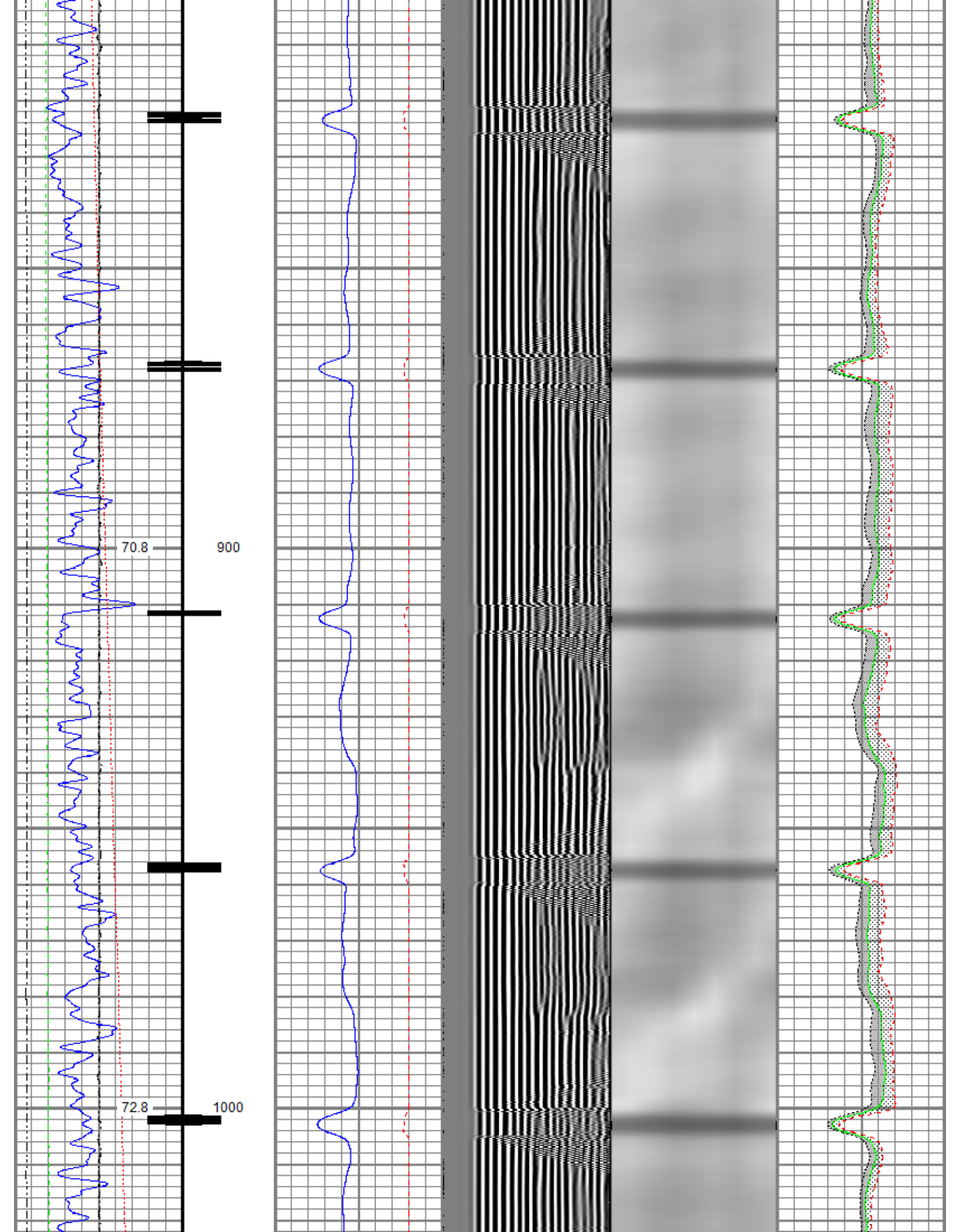
Gamma Ray	0	3' Amplitude (mV)	100	5' Variable Density Log	Sector Map	0	Average Amplitude	100
(GAPI)	120	3' Amplitude x 5	200	(u sec)			Minimum Amplitude	
Casing Collar Locator		(mV)	20					
0 Temperature (degF)	20	3' Travel Time					Maximum Amplitude	
Line Speed		(u sec)	150					
-150 (ft/min)	150		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

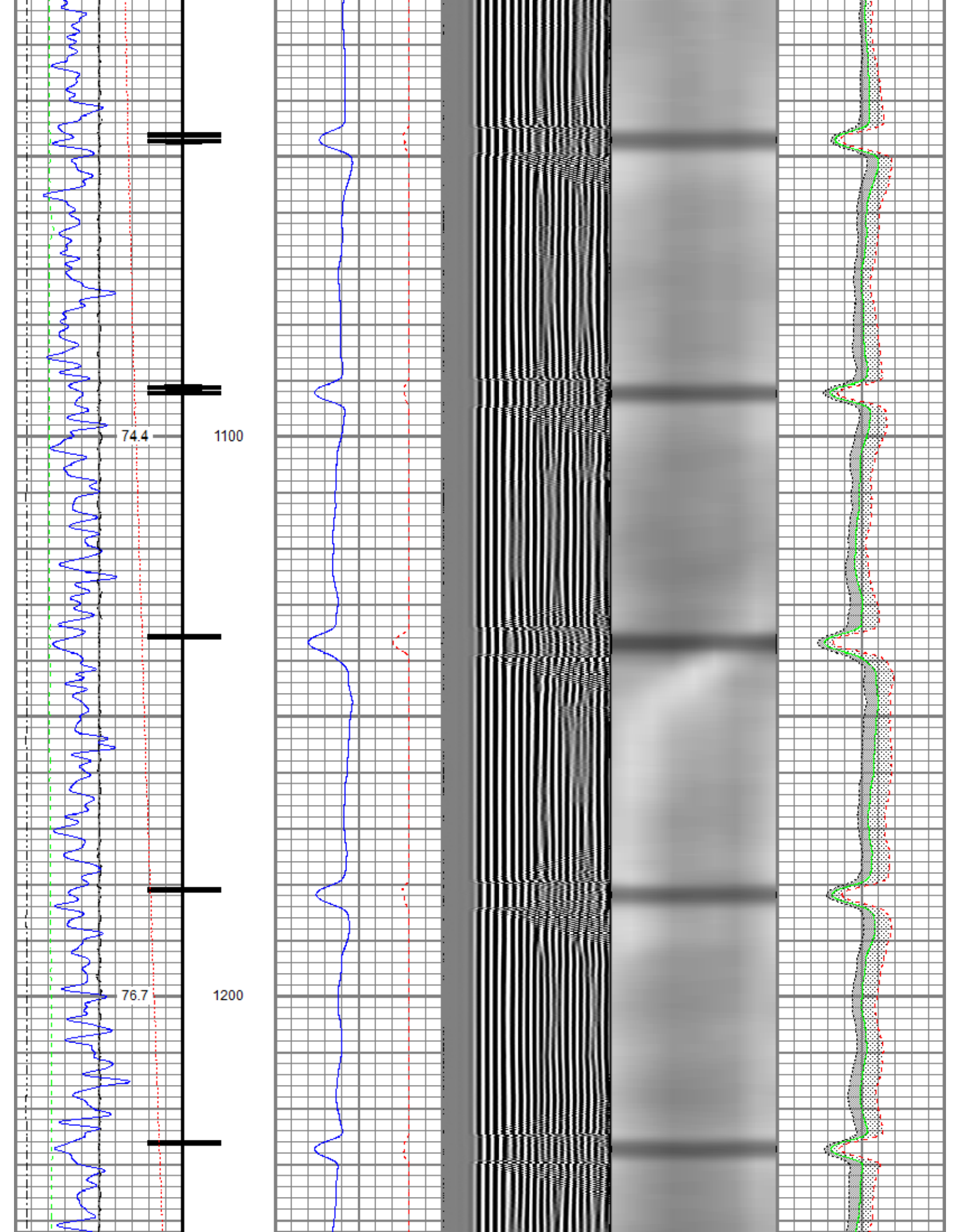


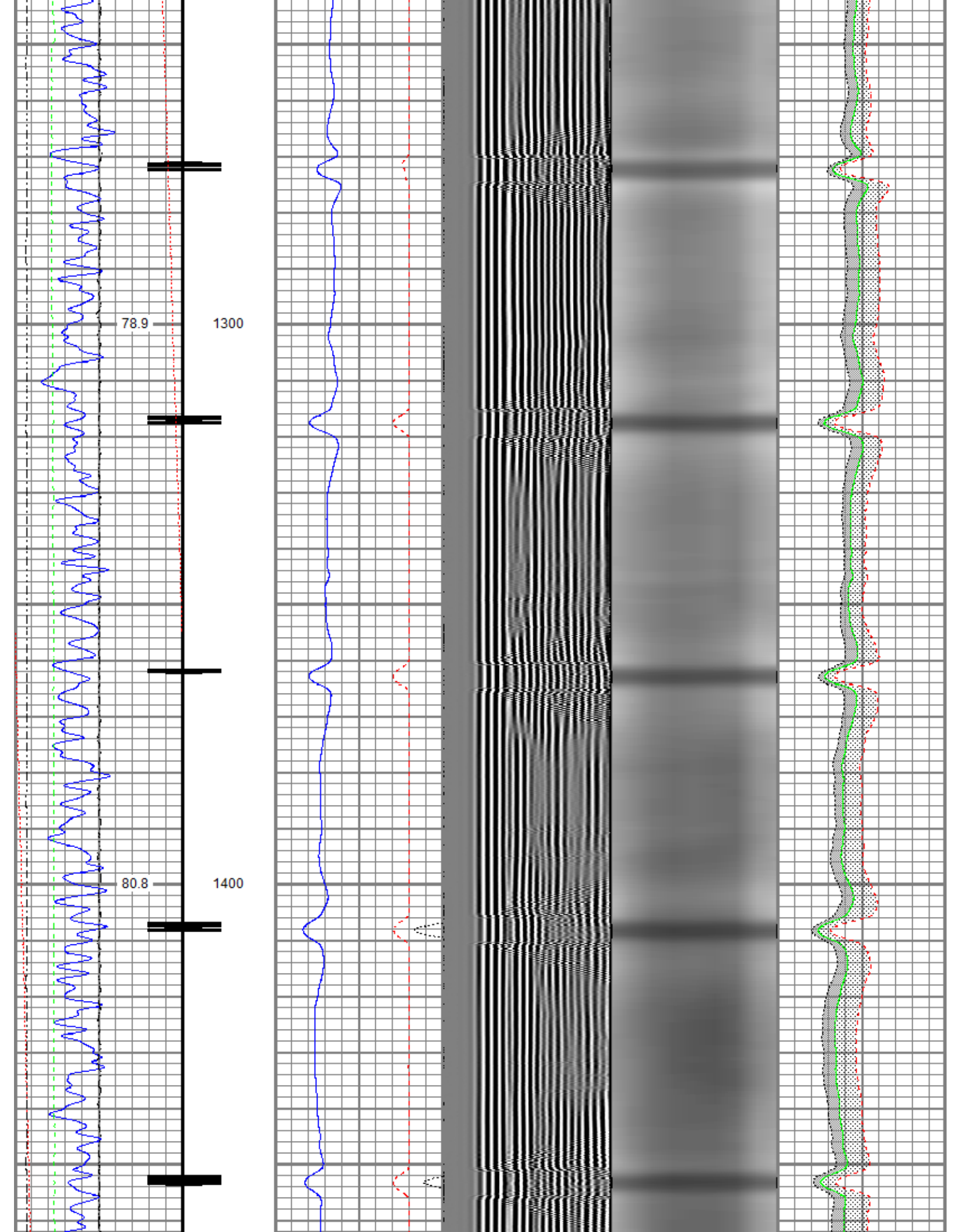


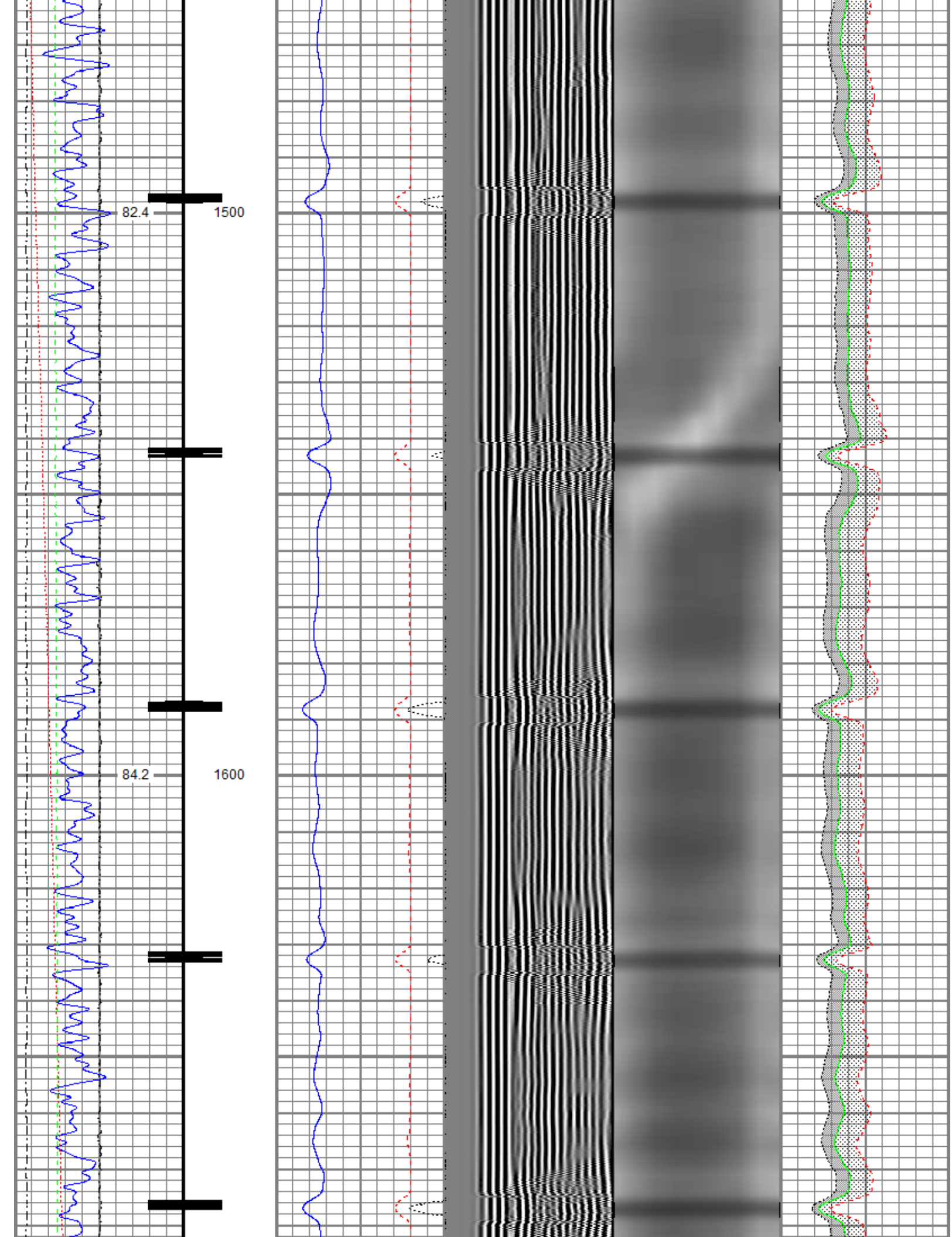


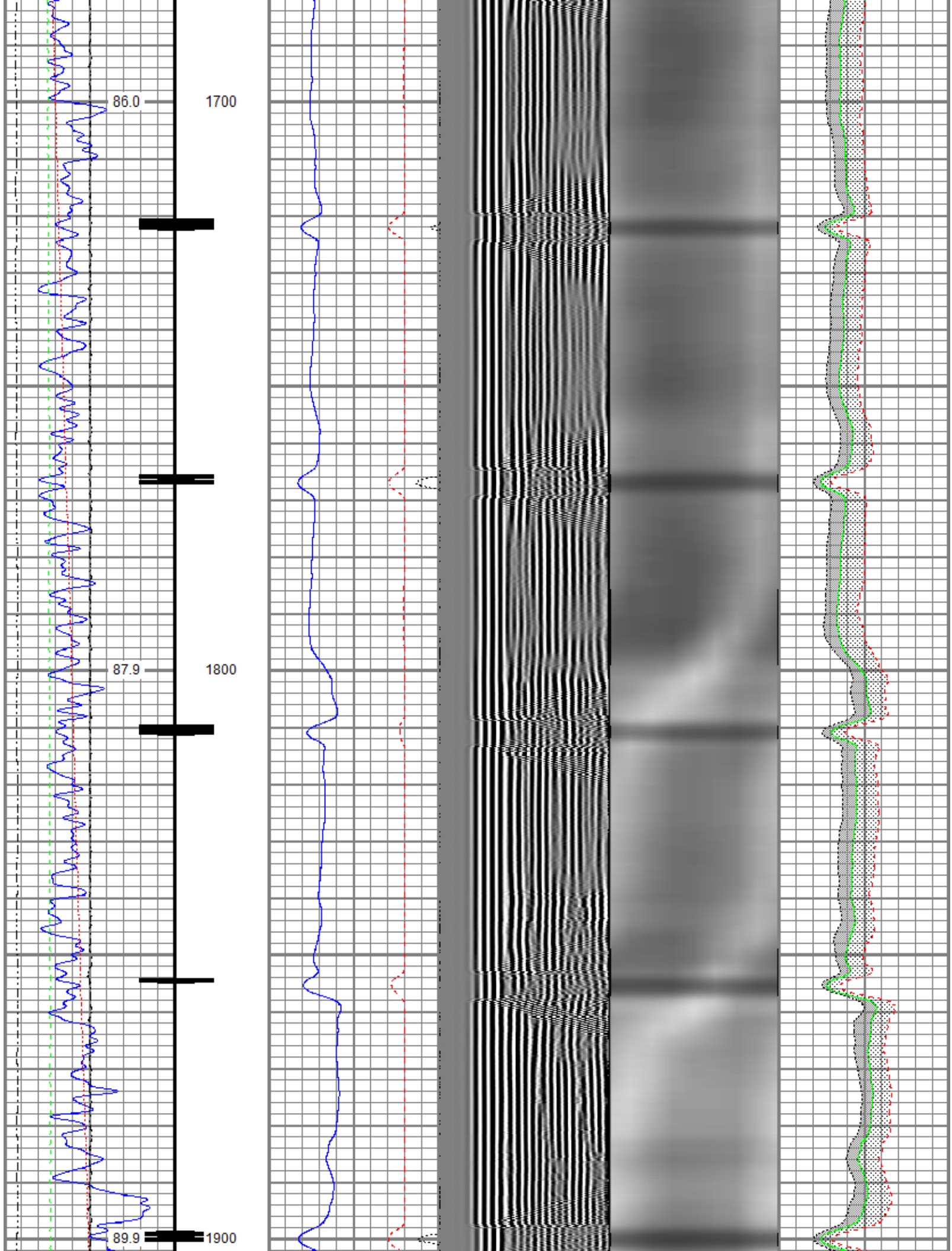


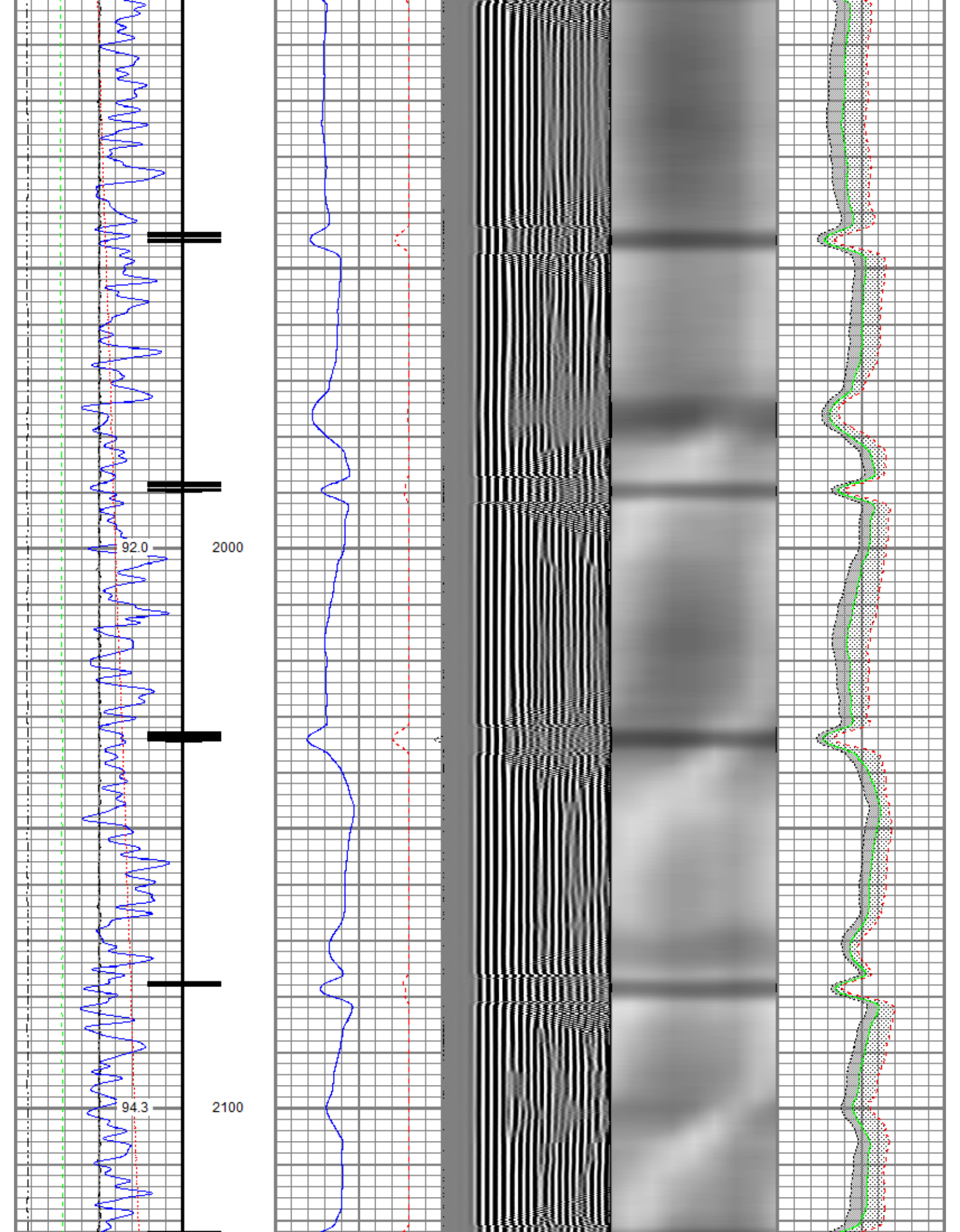


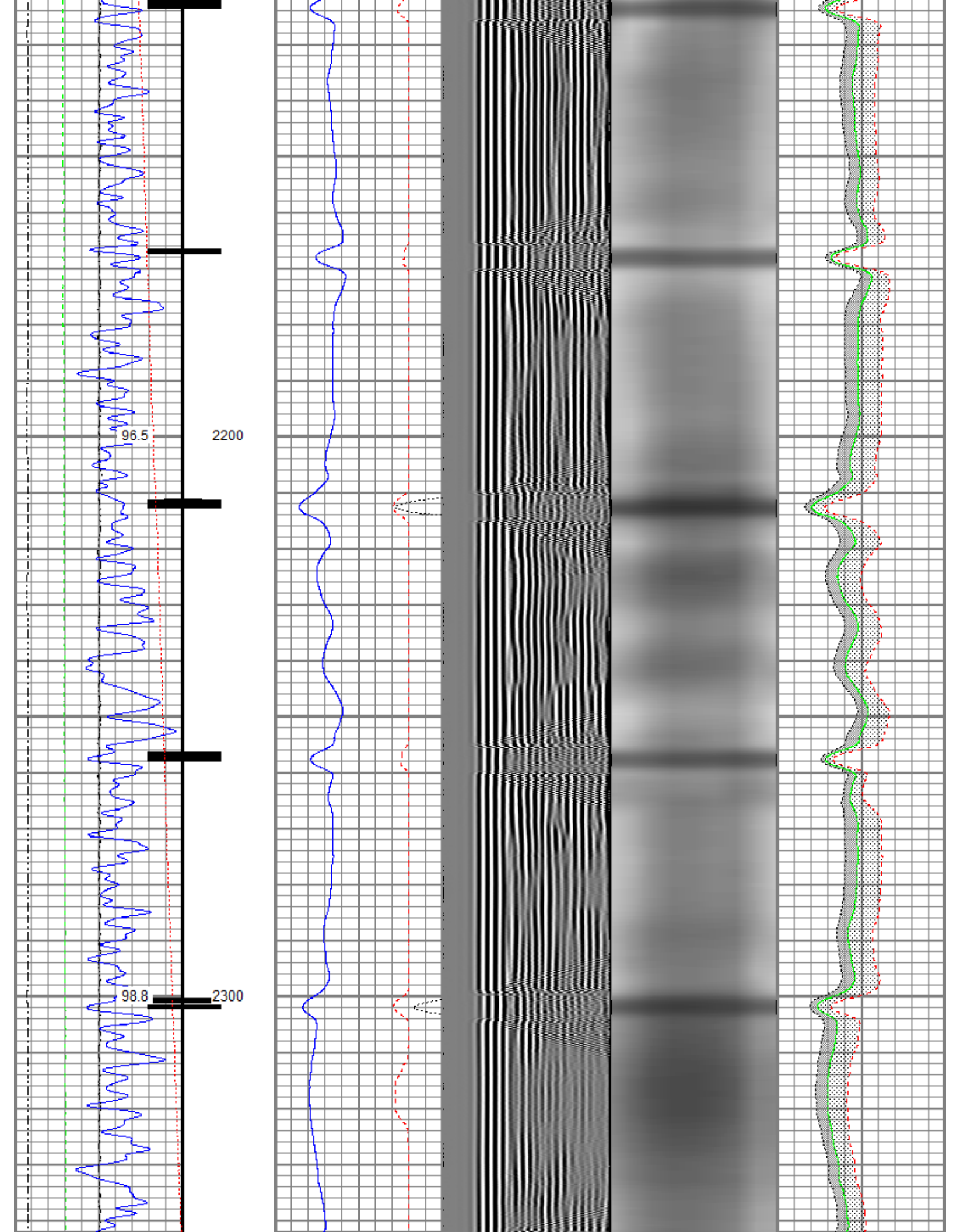


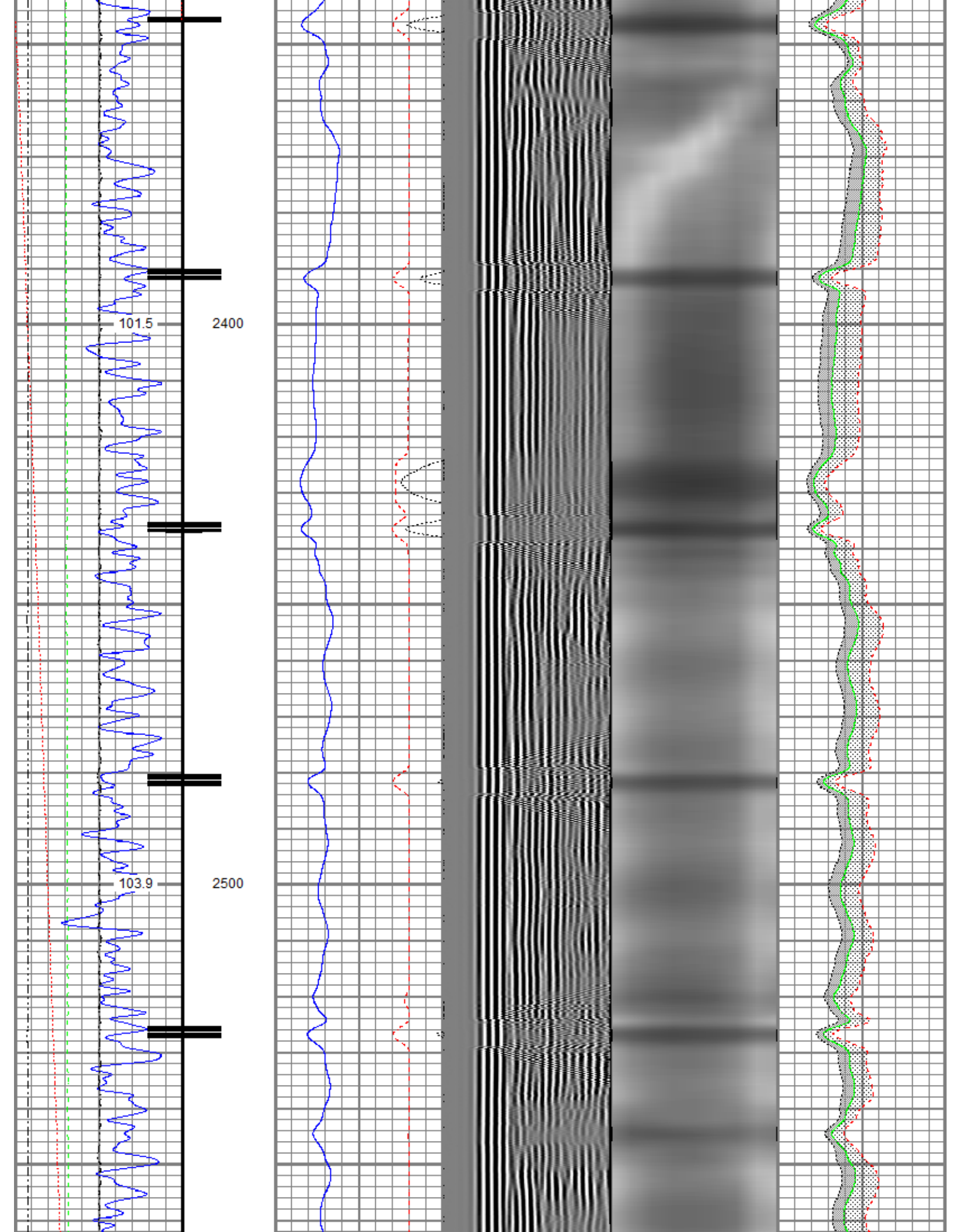


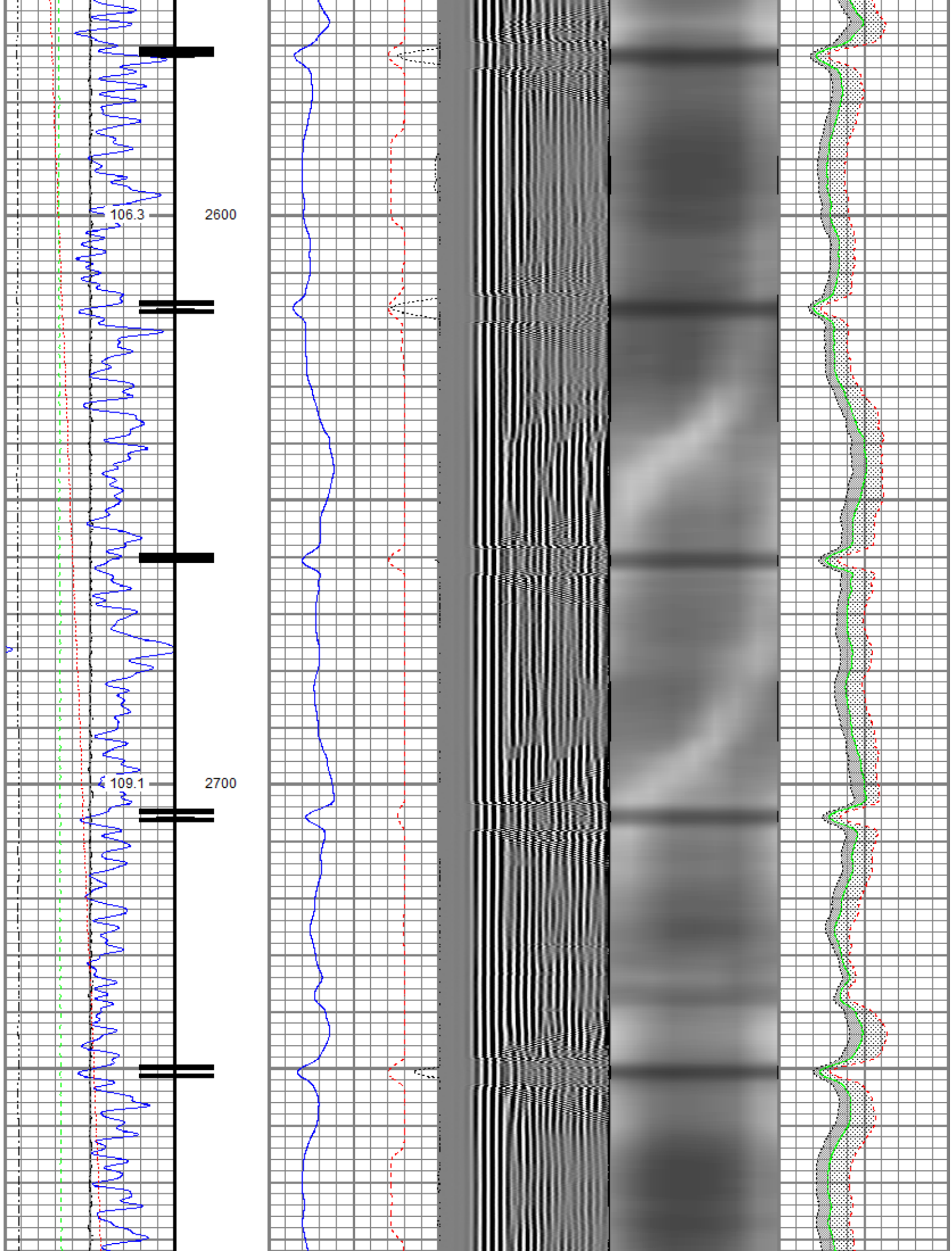


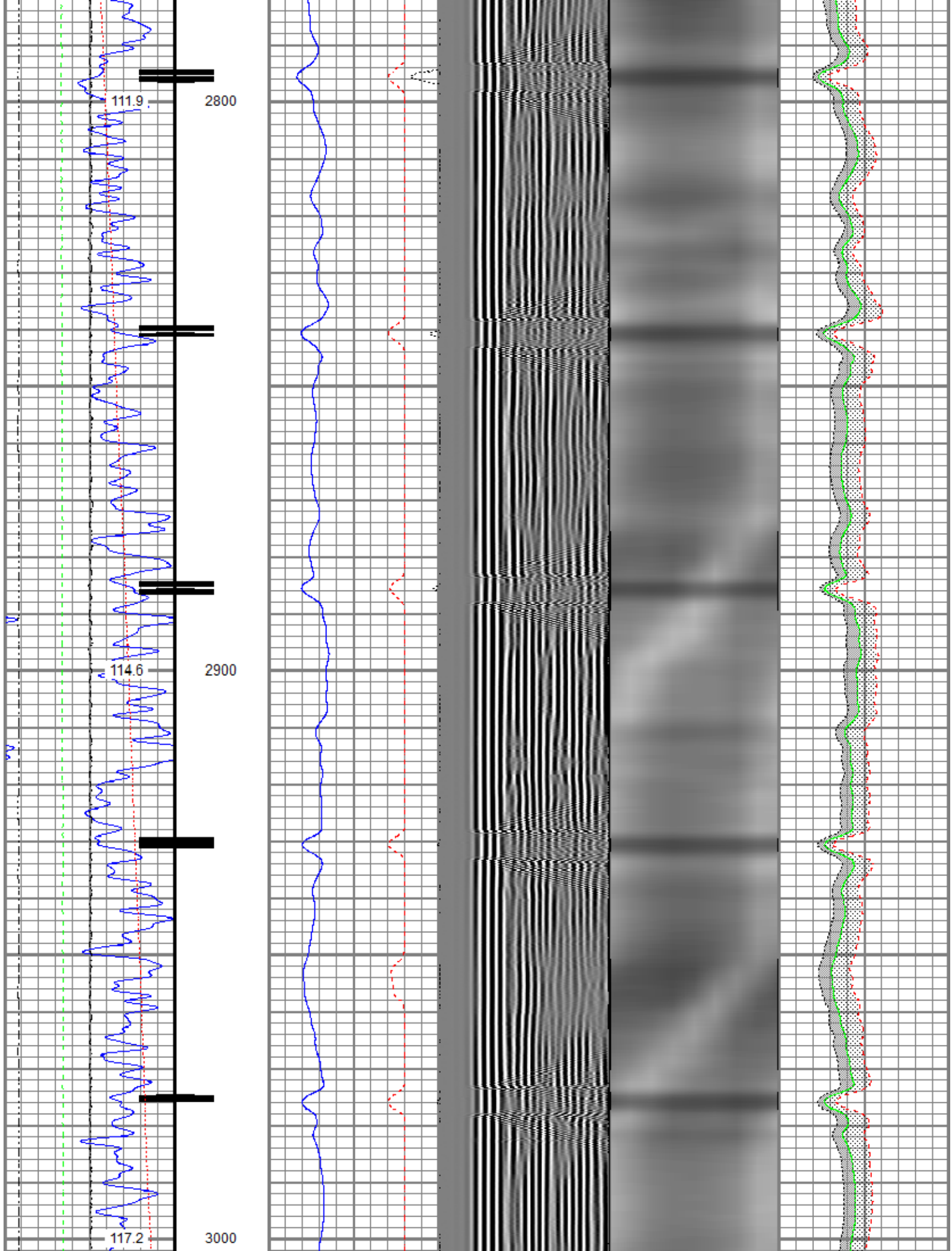


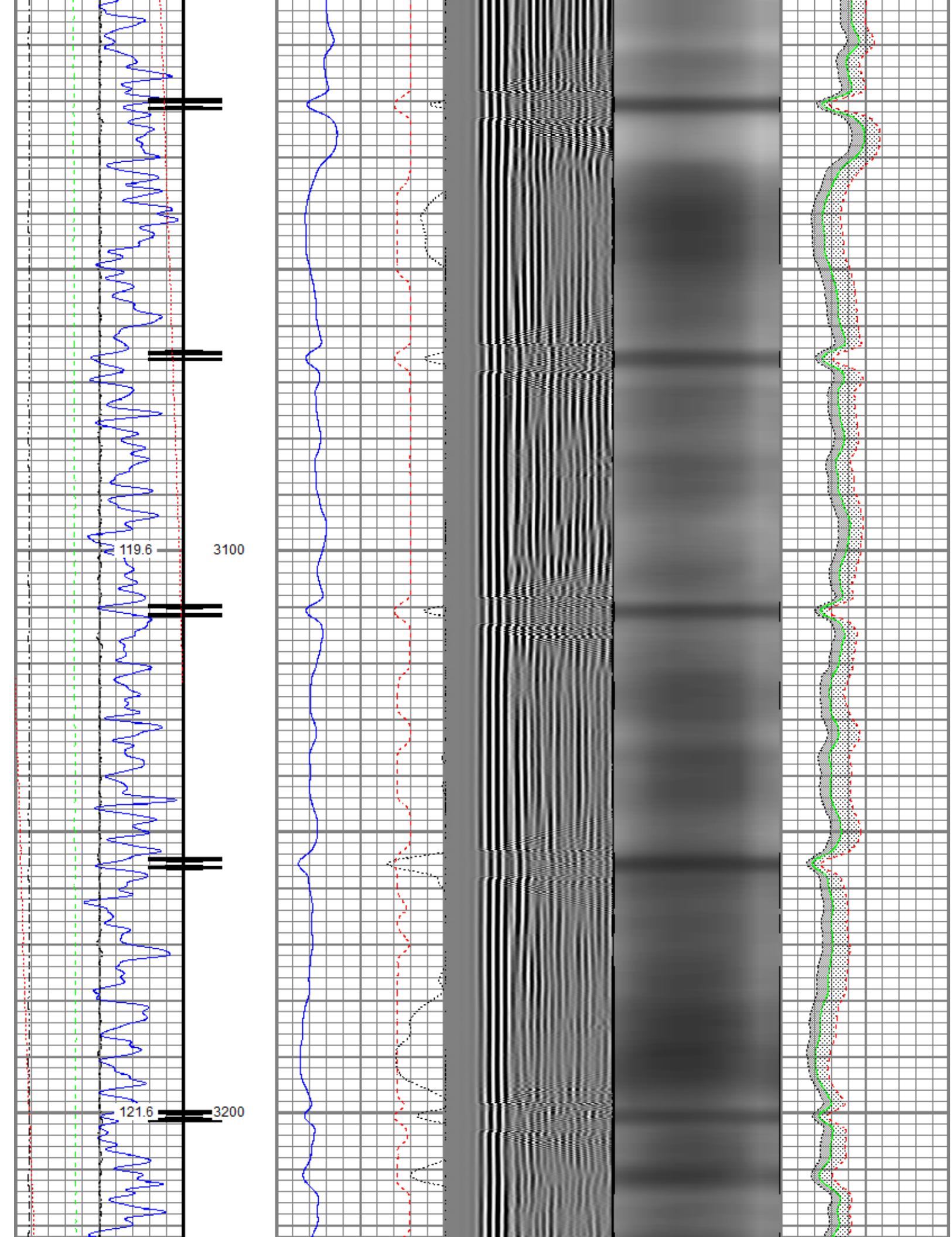


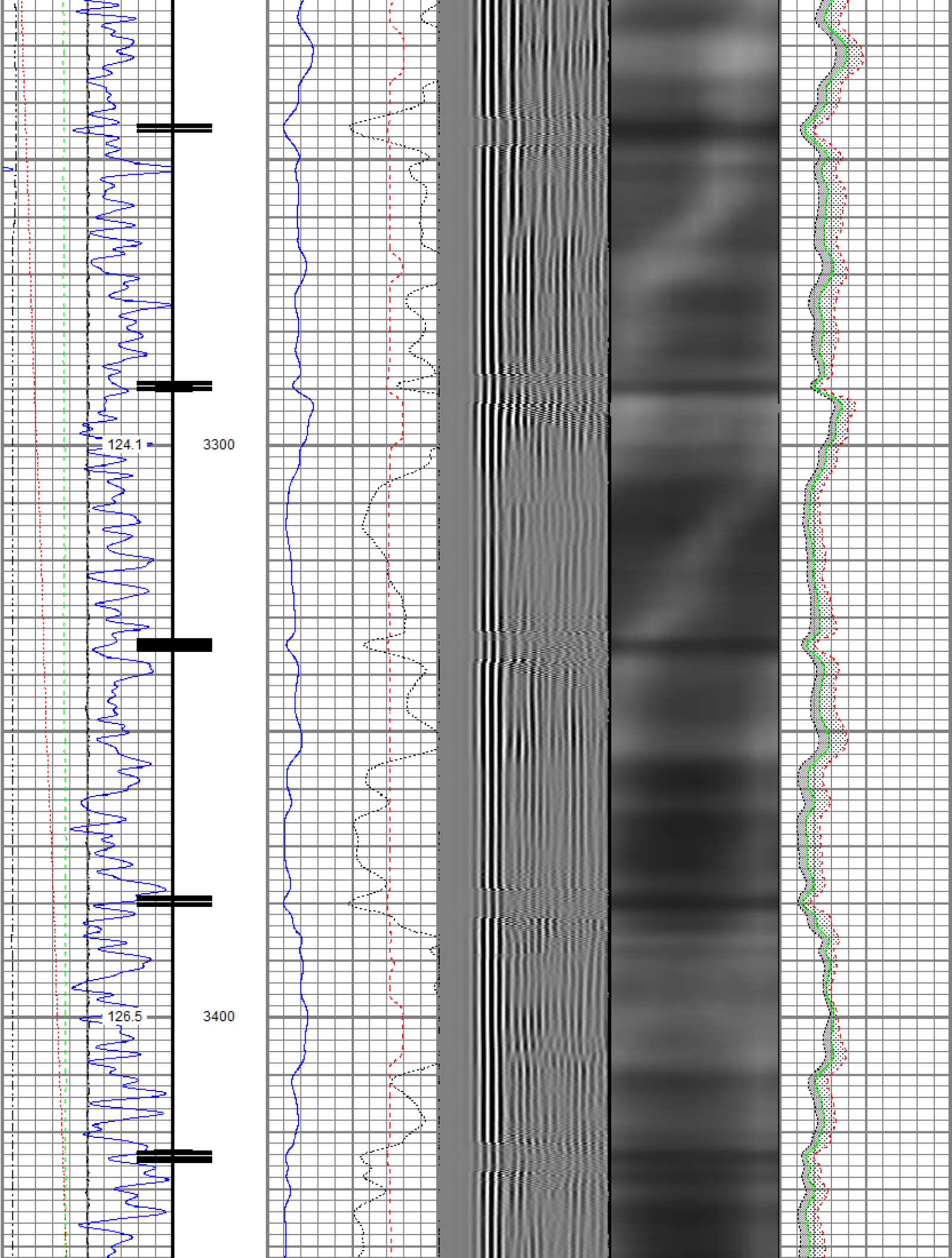


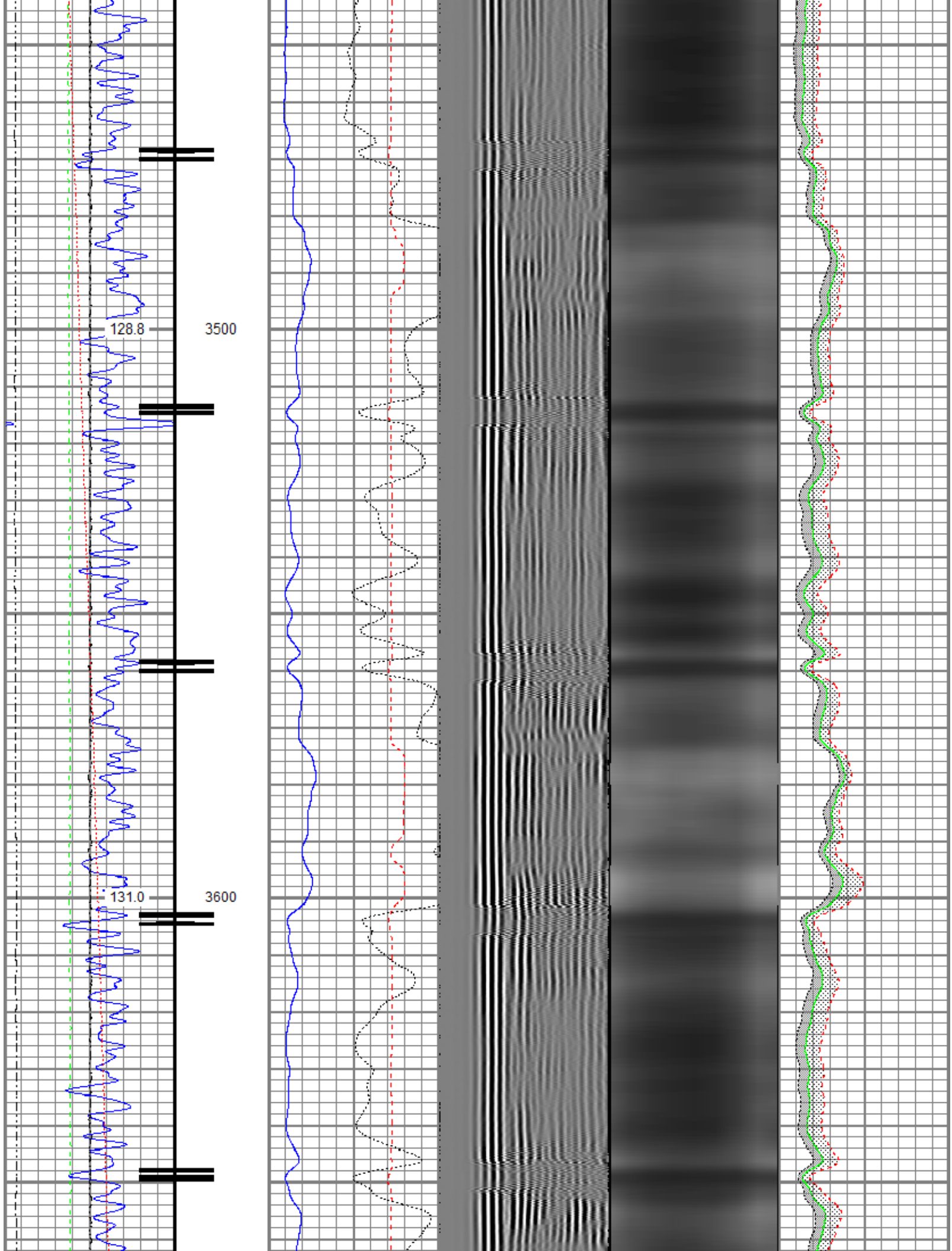


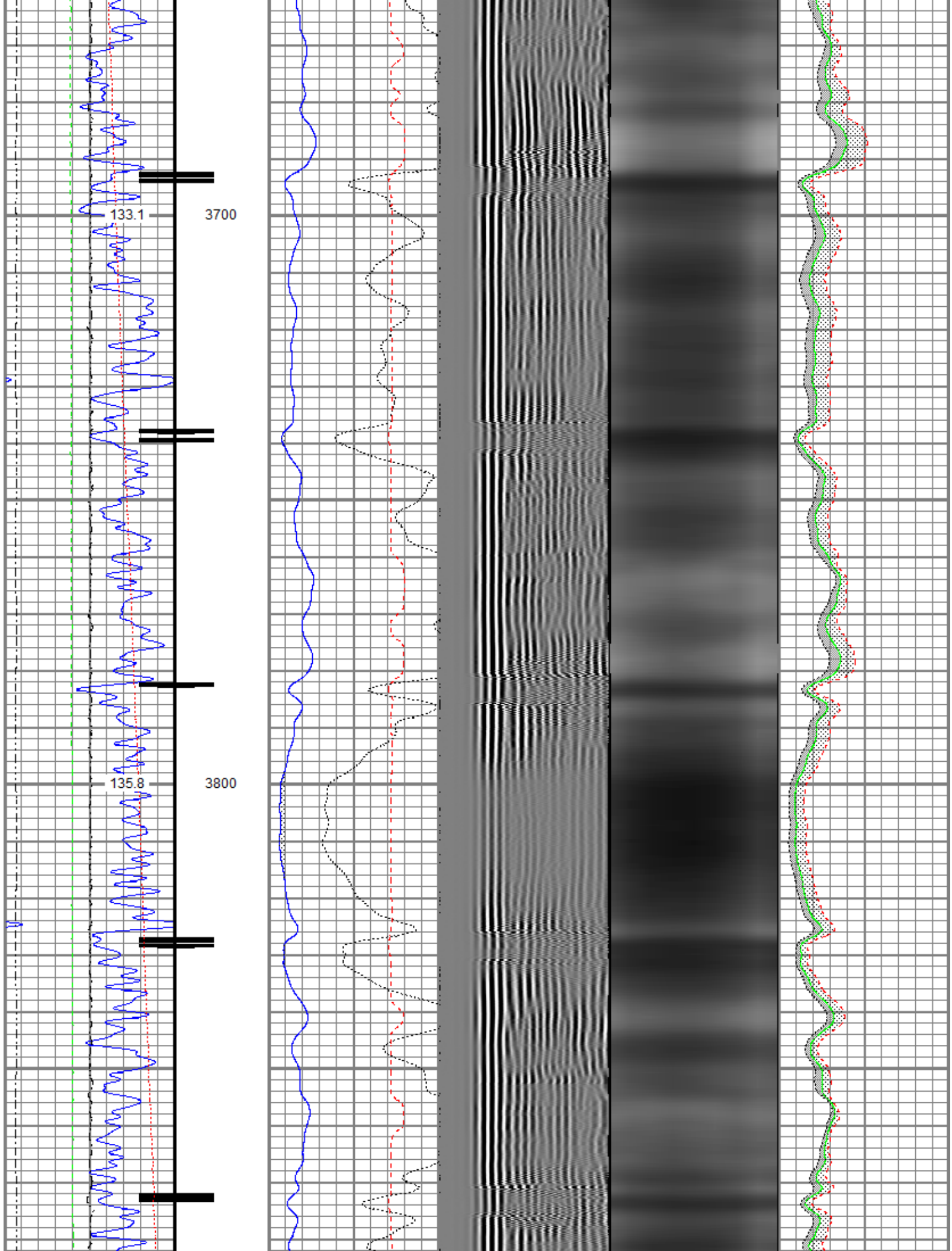


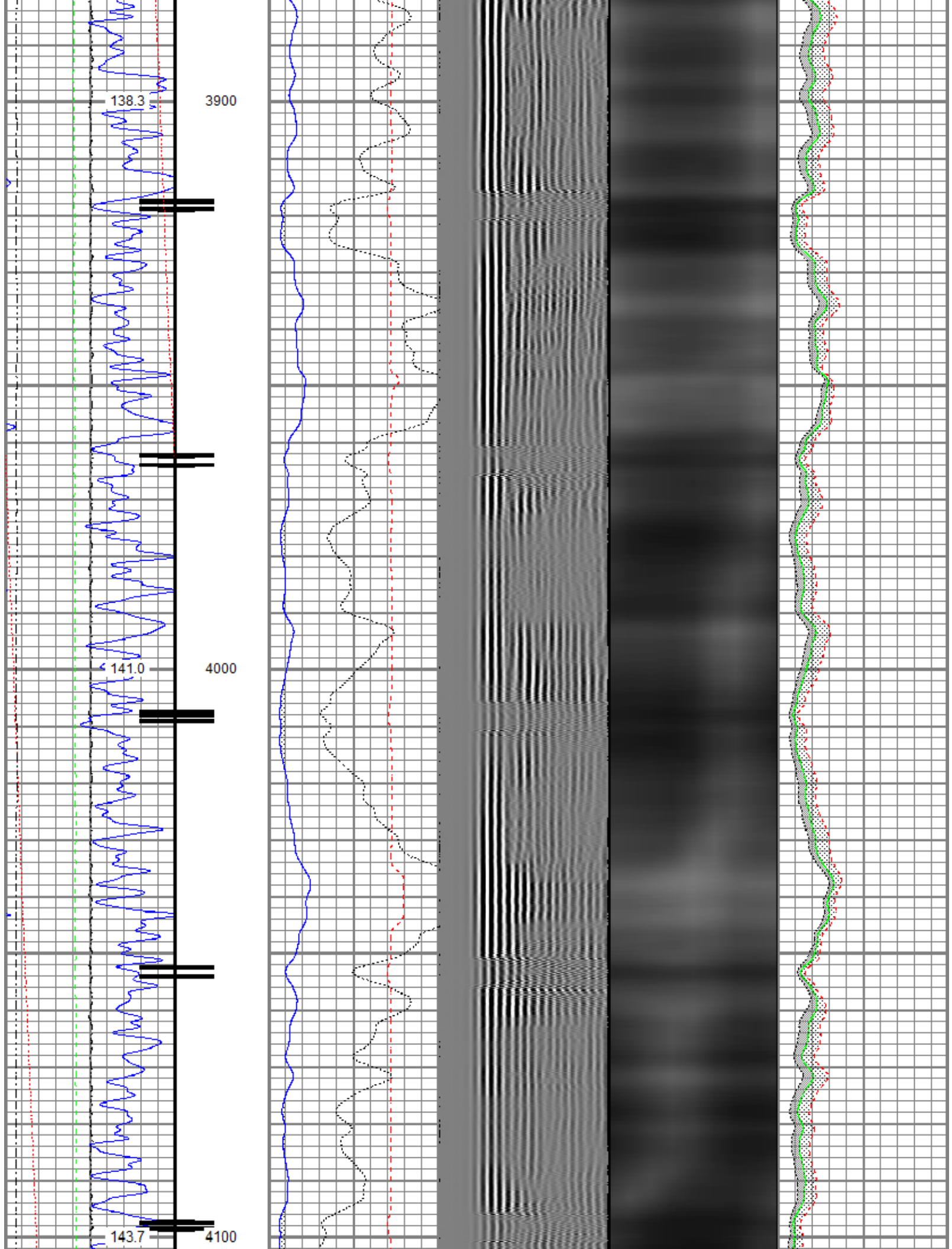


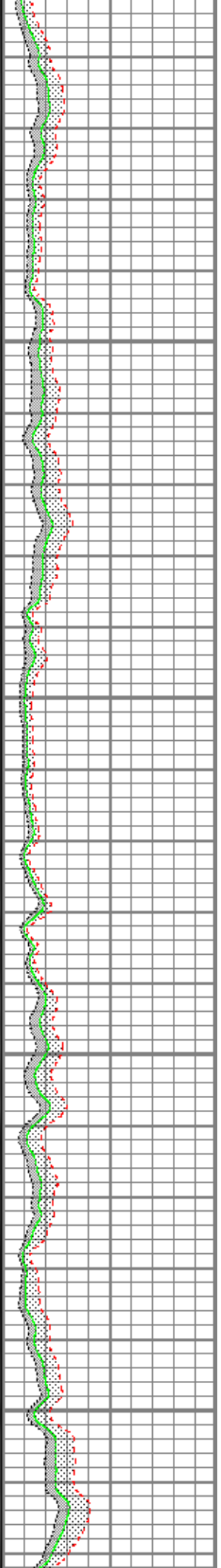
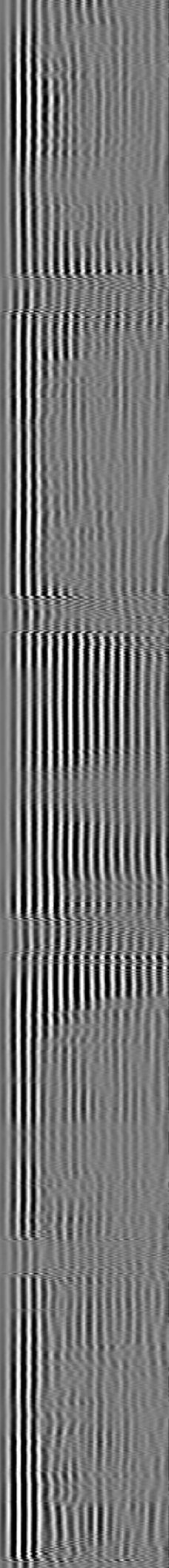
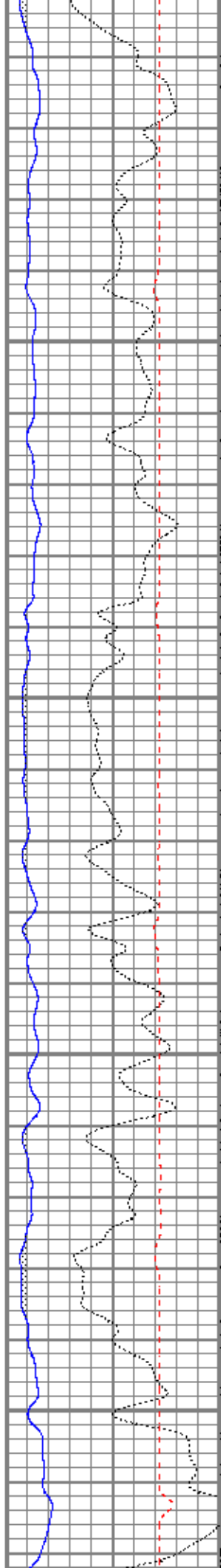
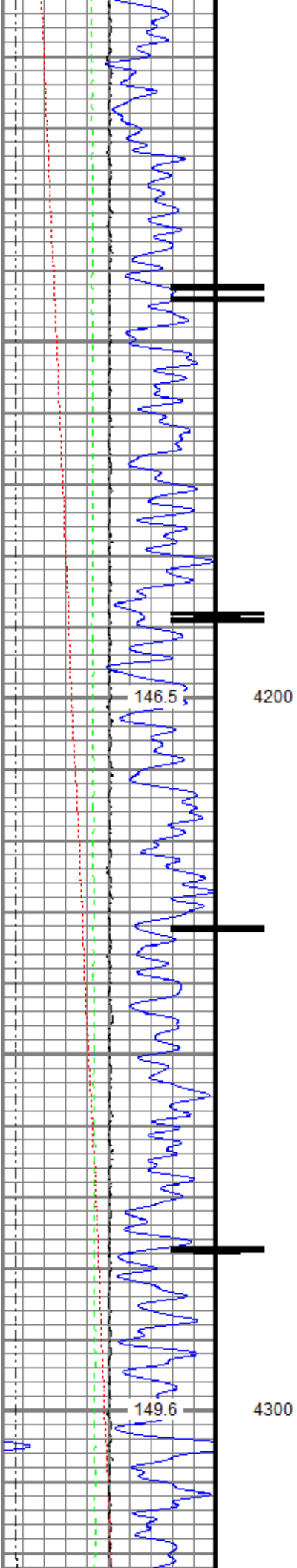


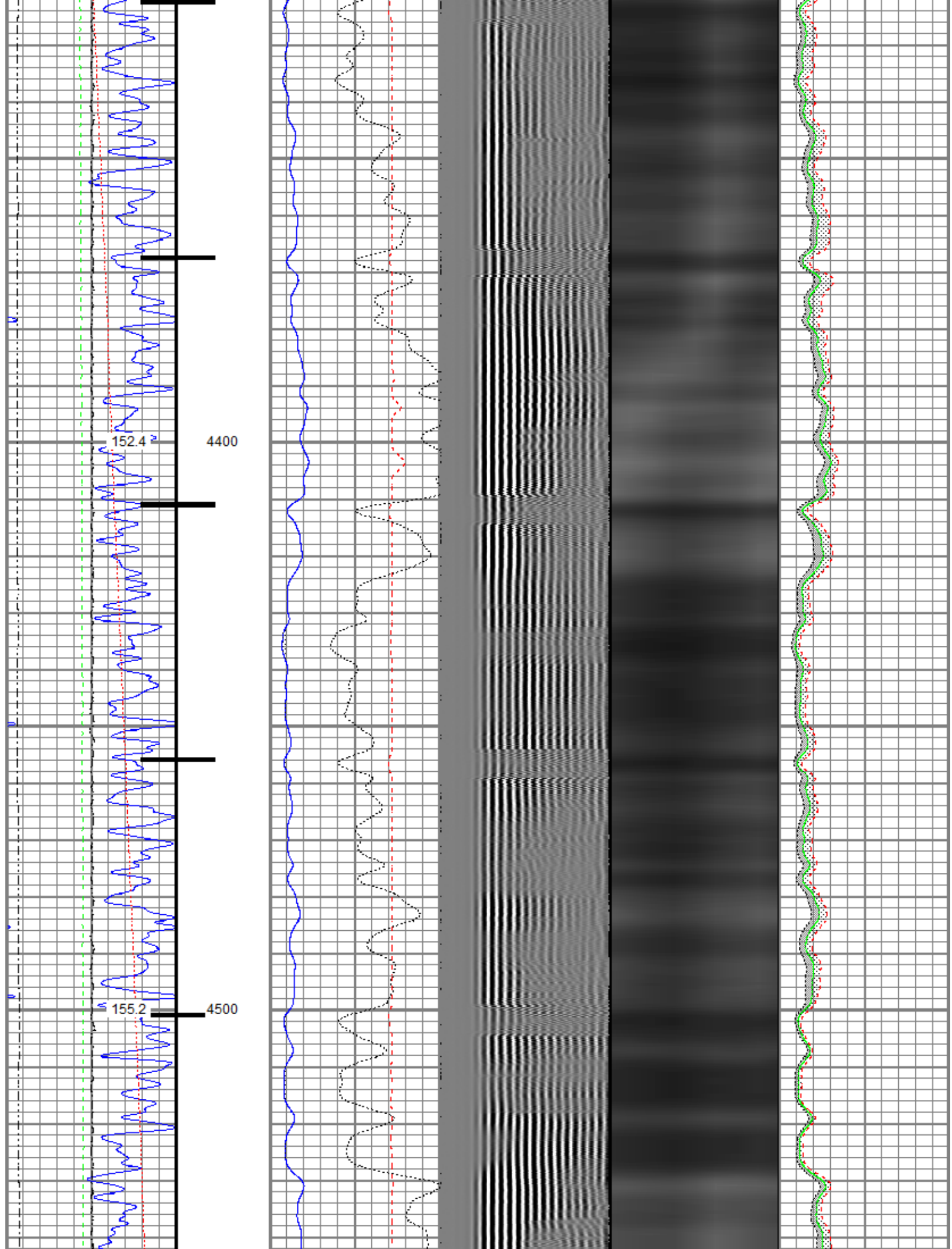


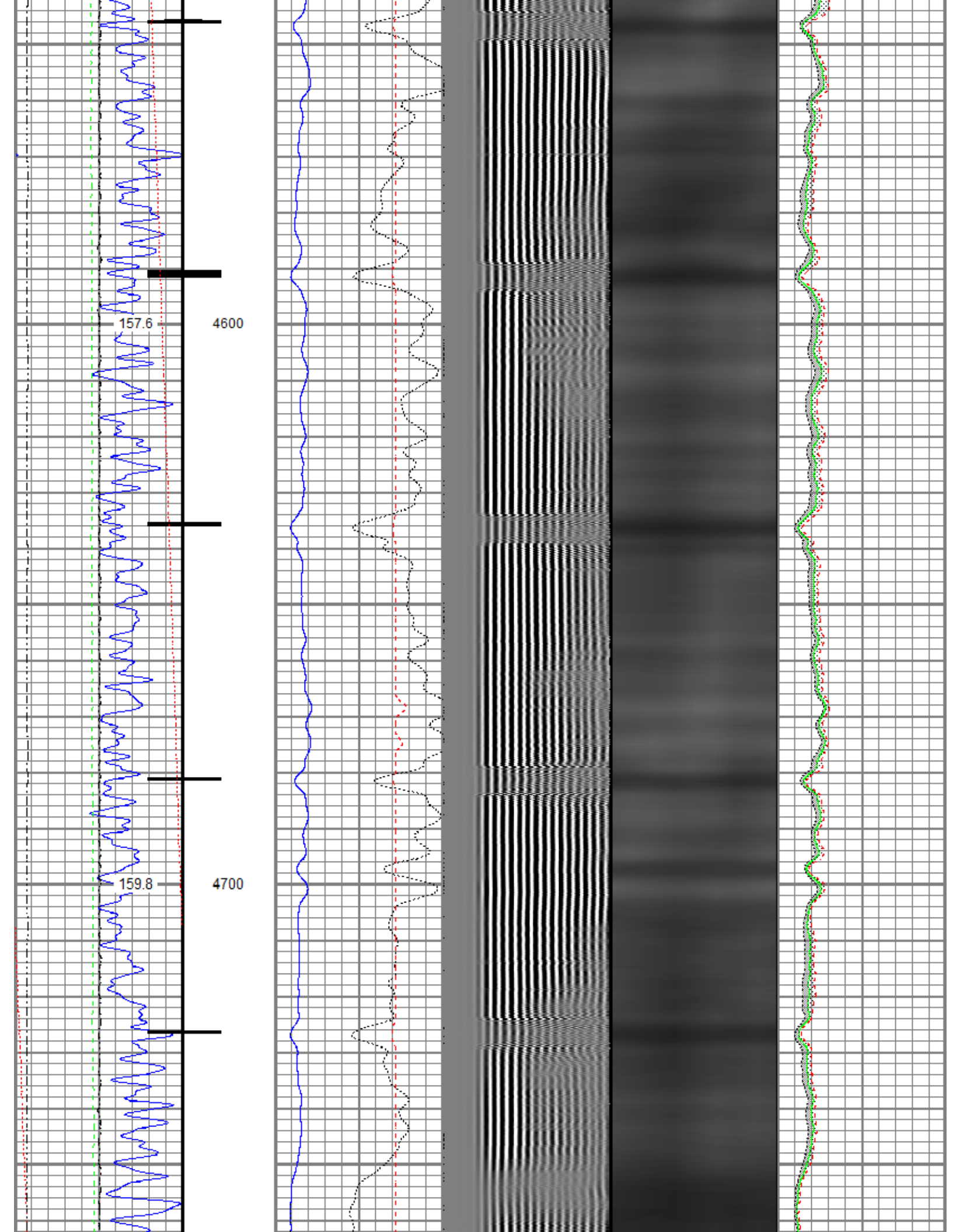


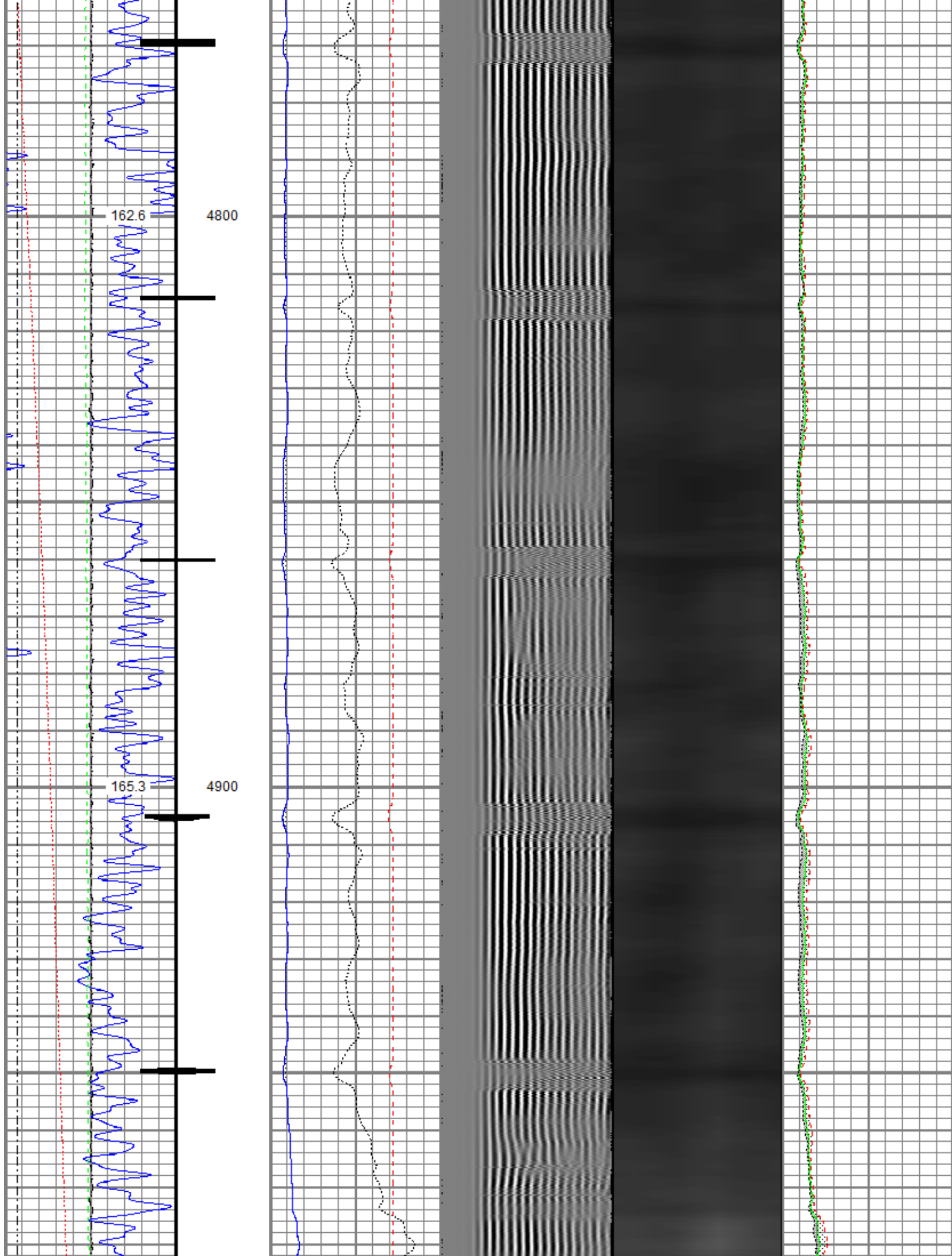


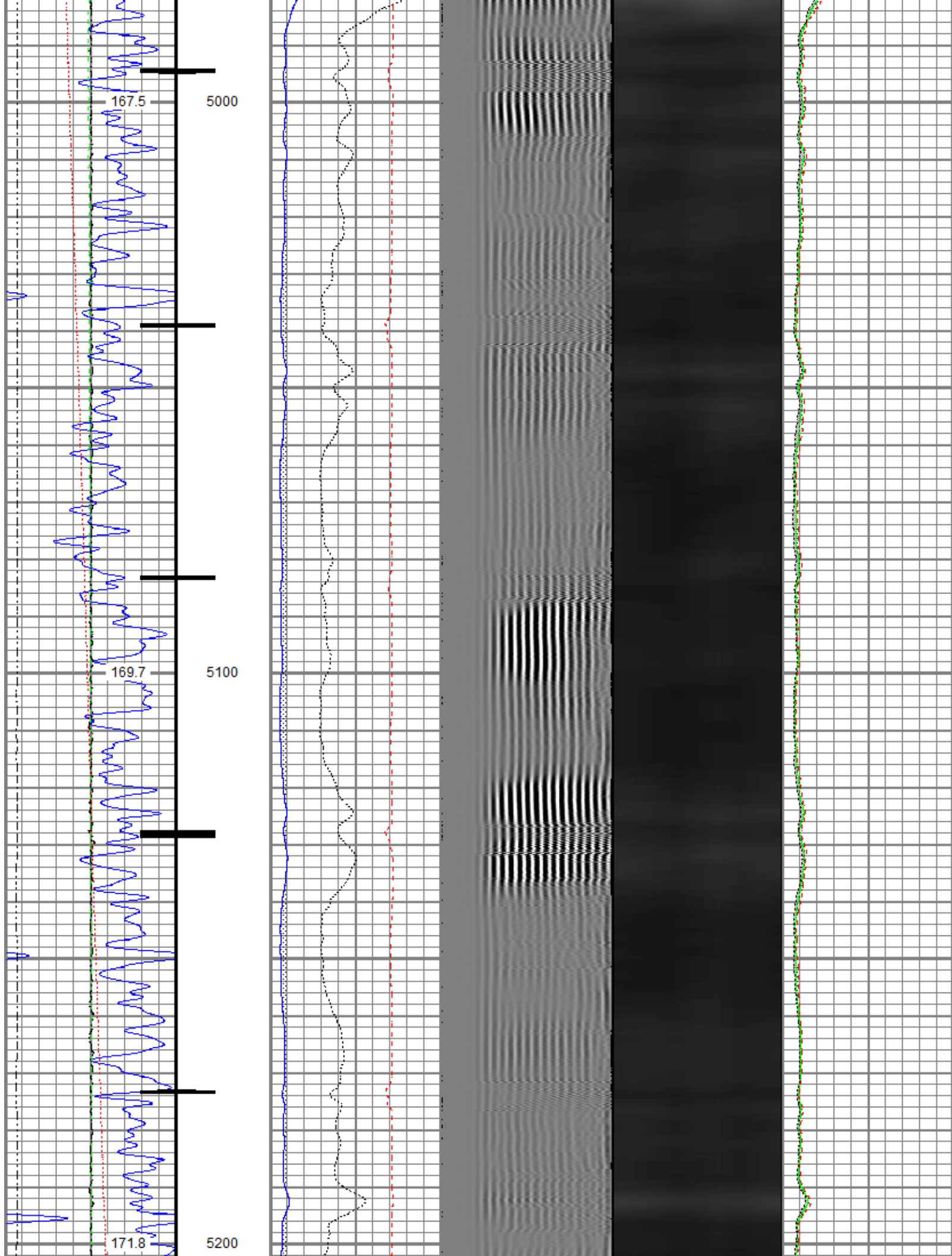


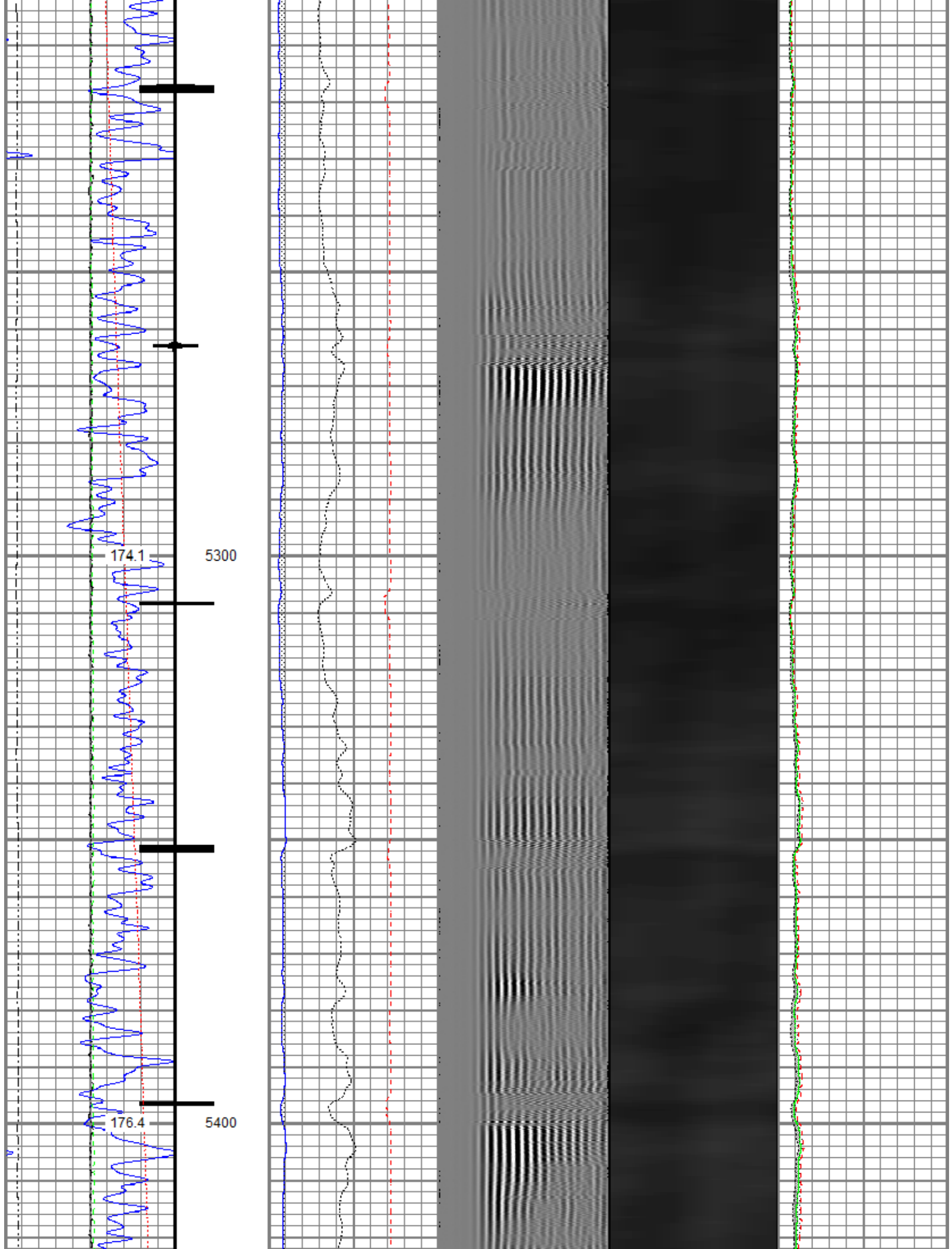


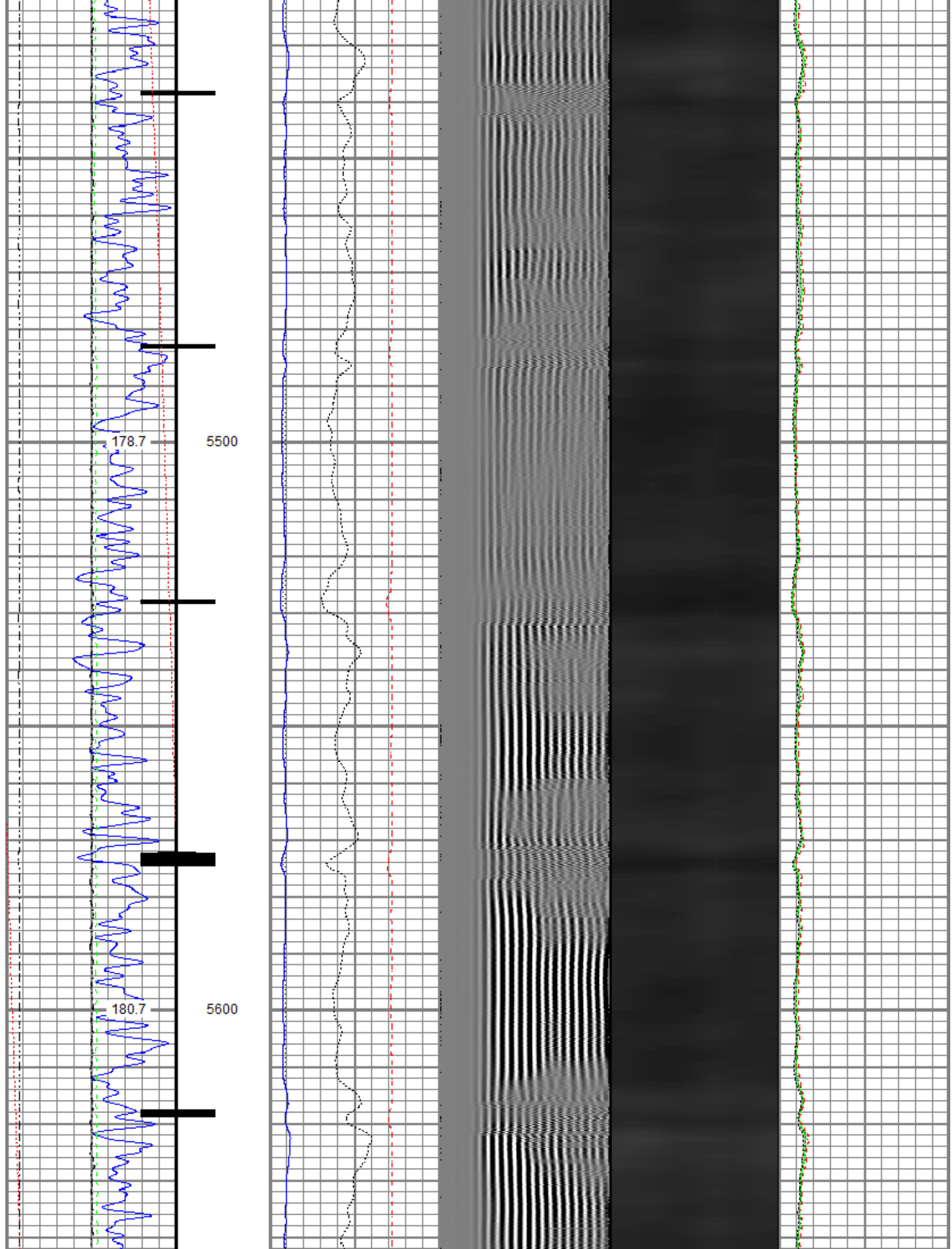


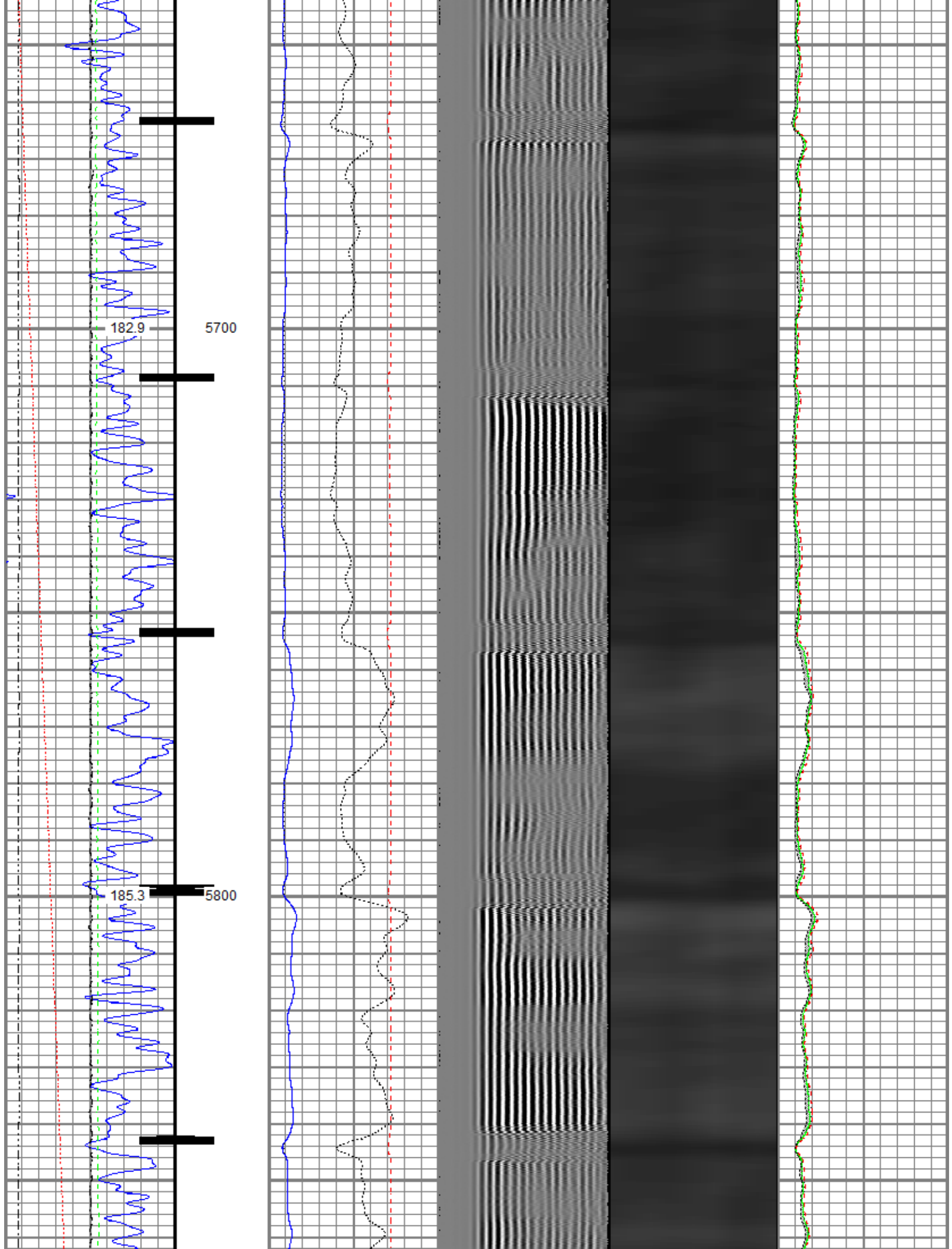


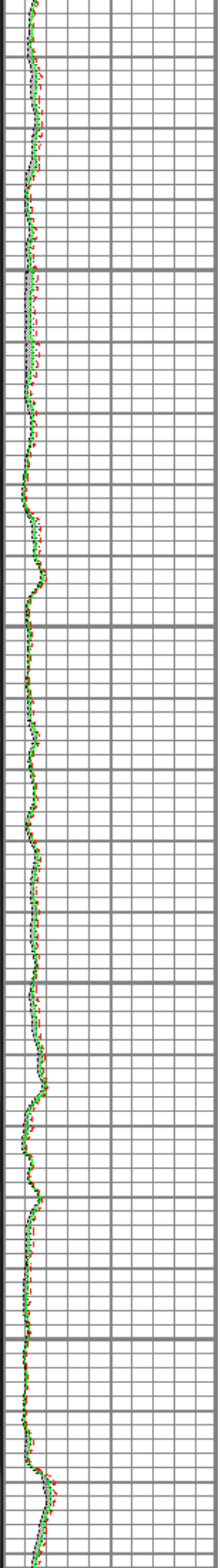
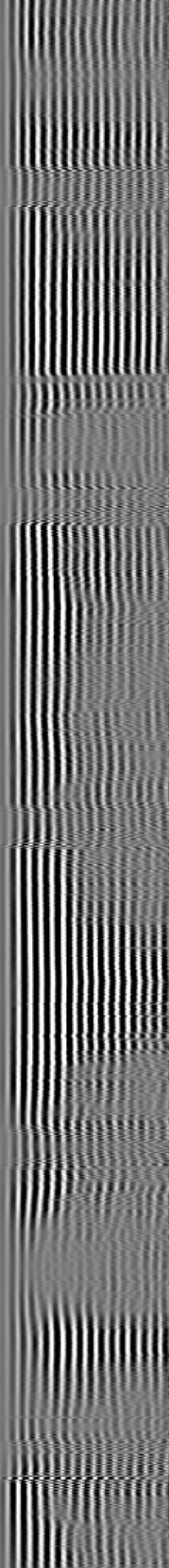
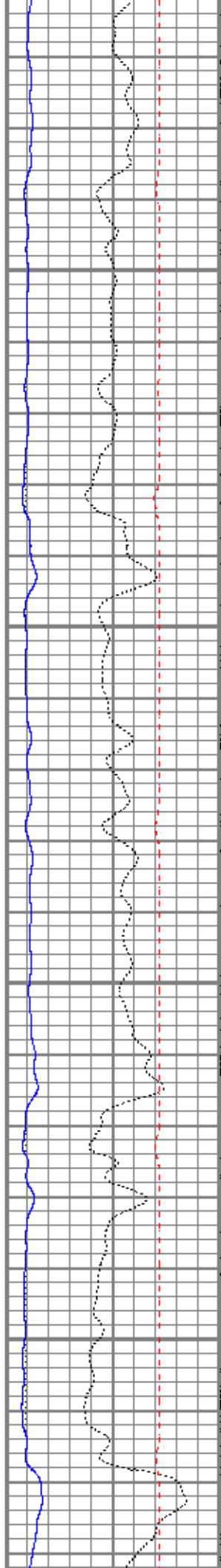
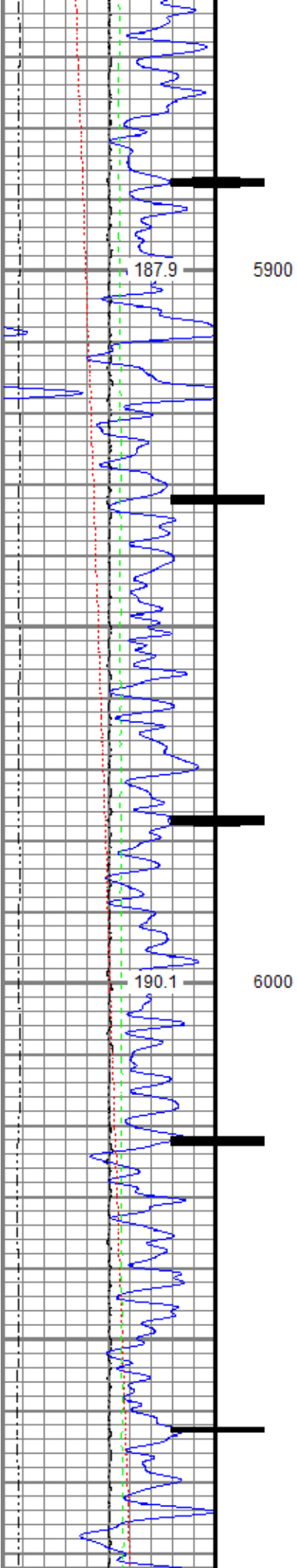


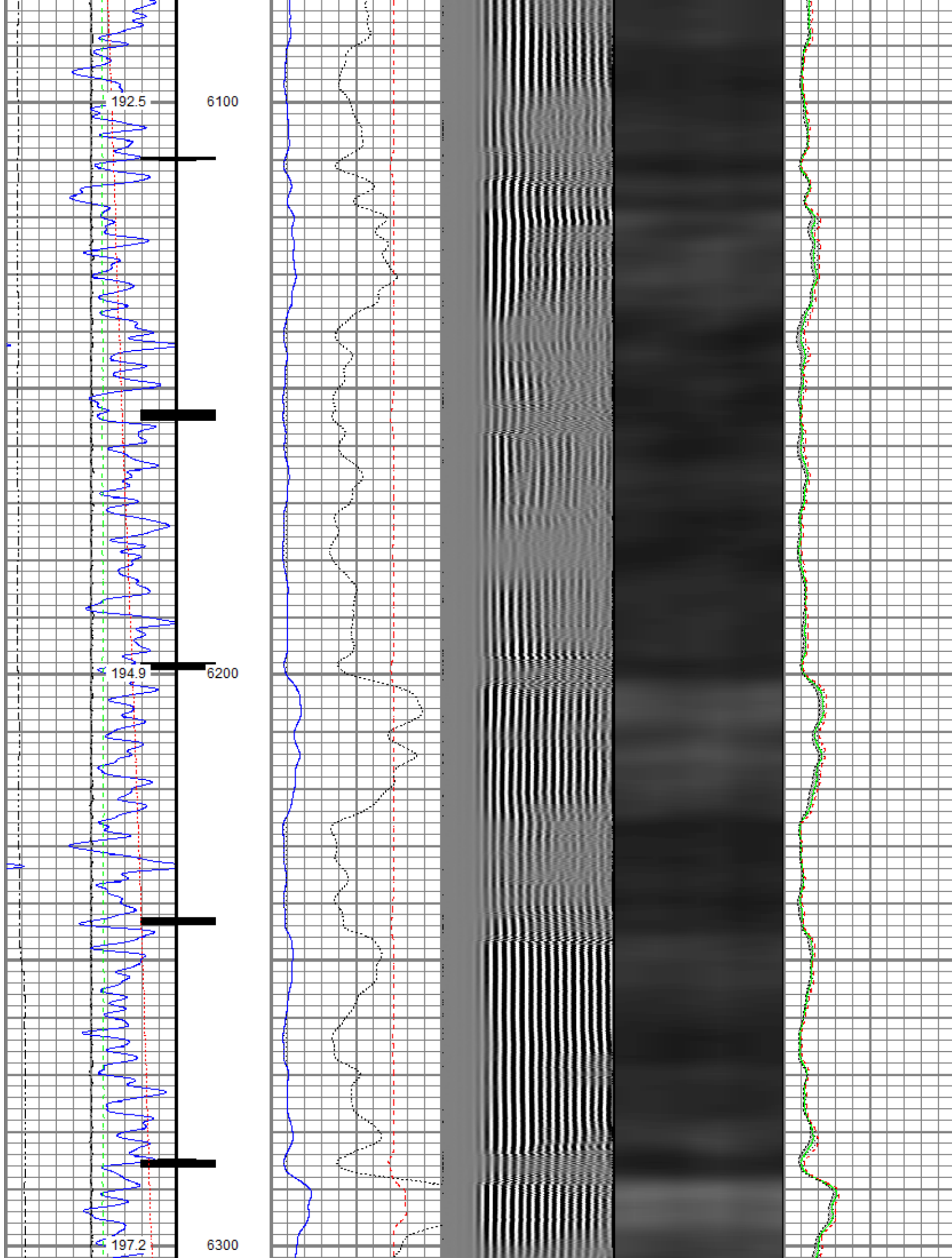


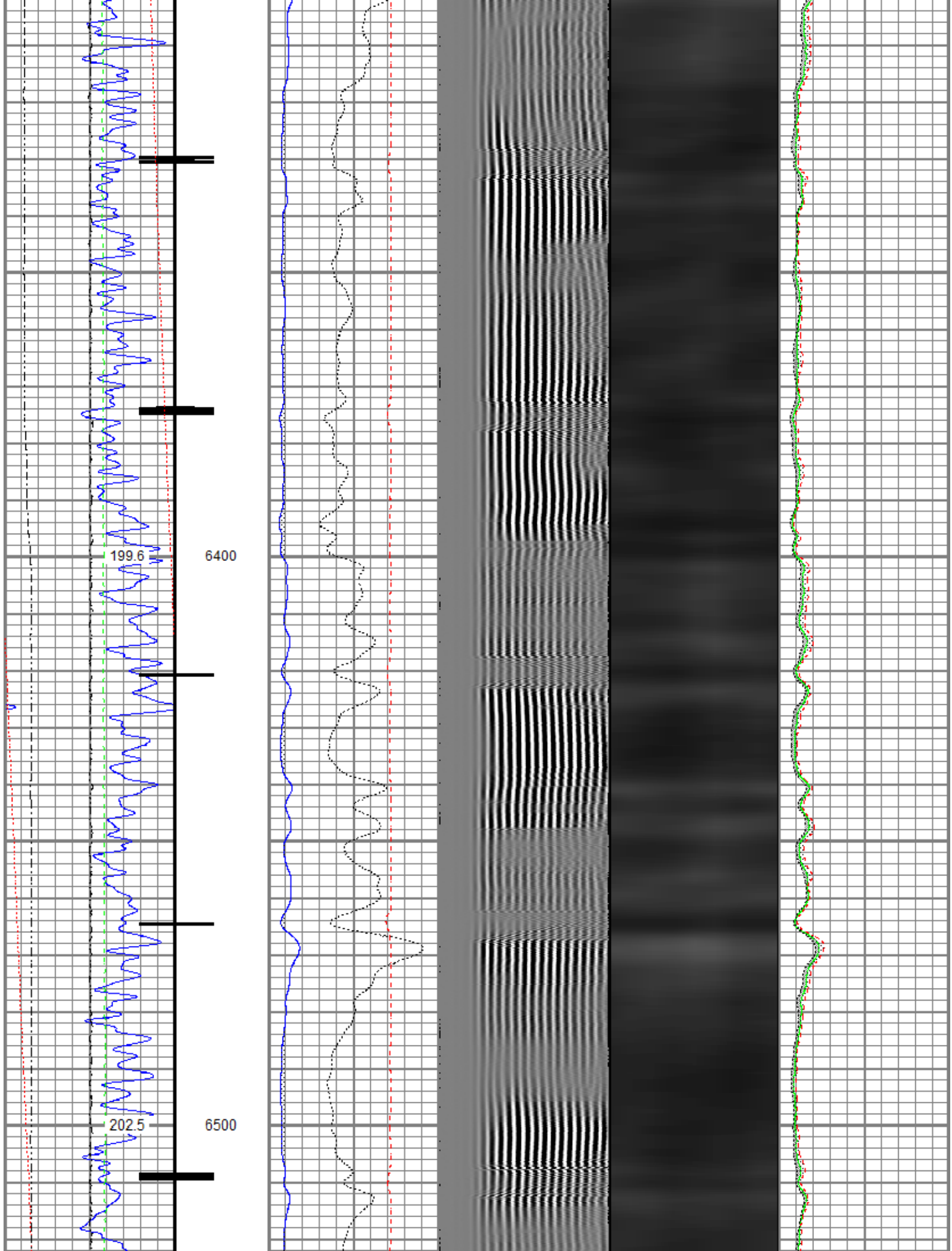


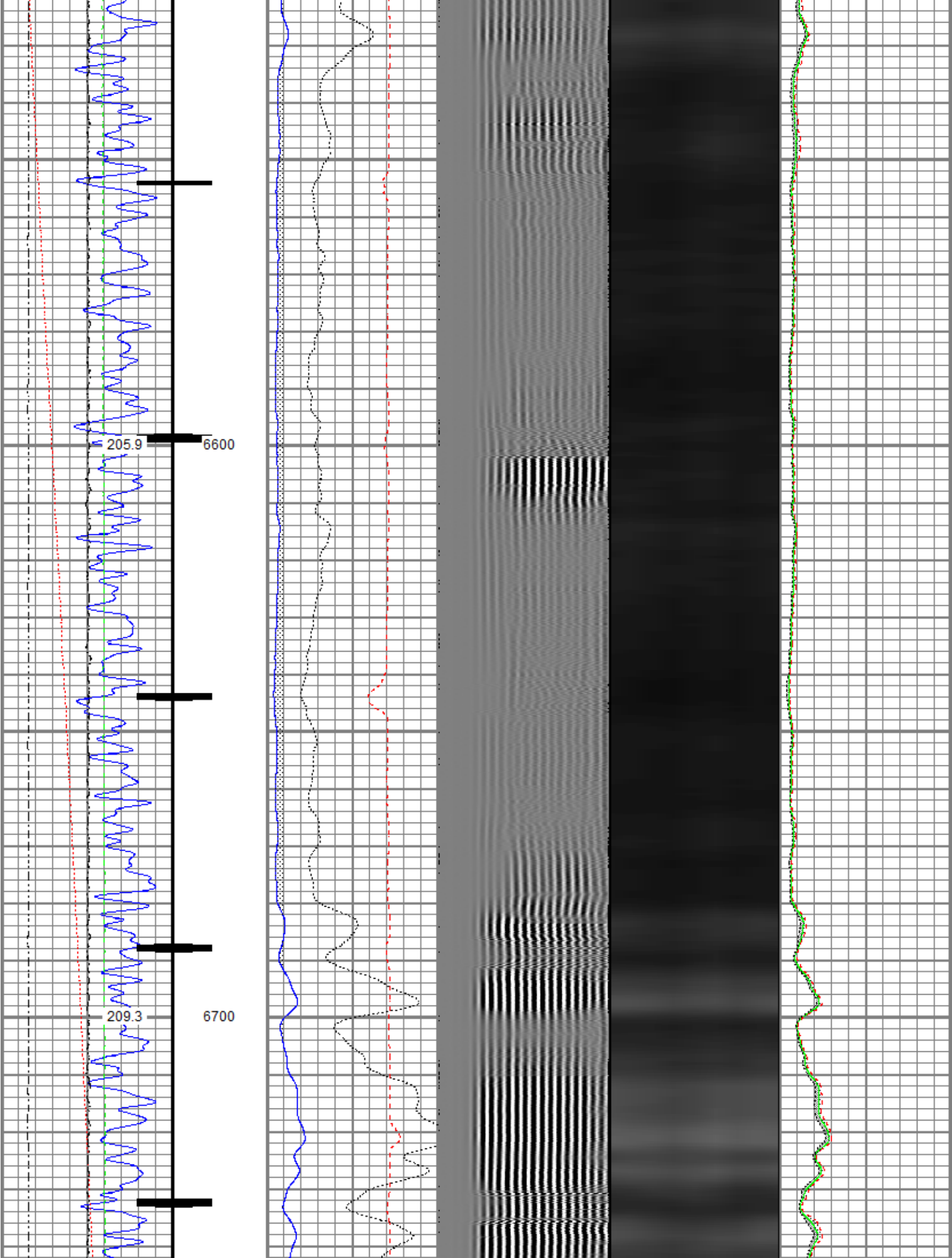


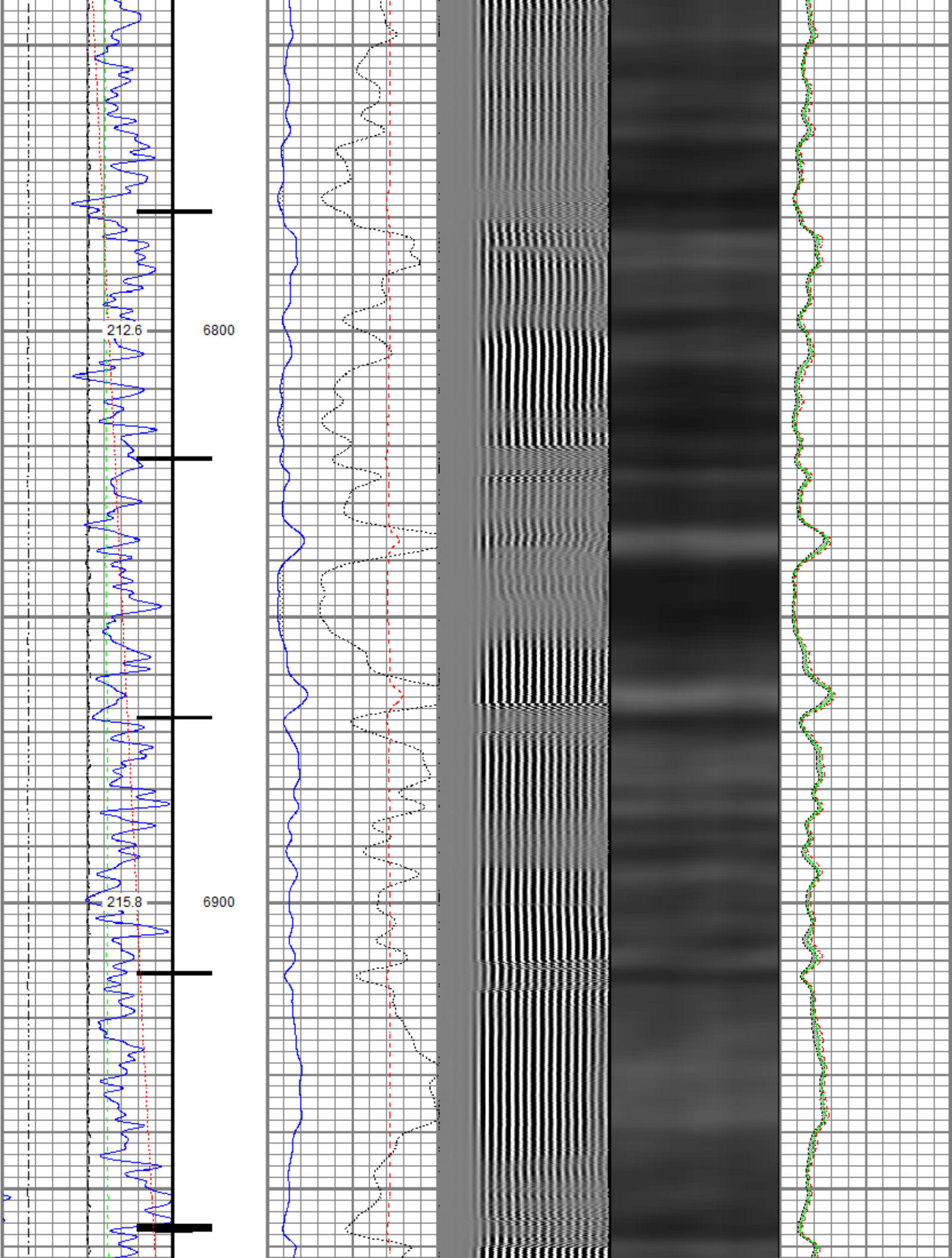


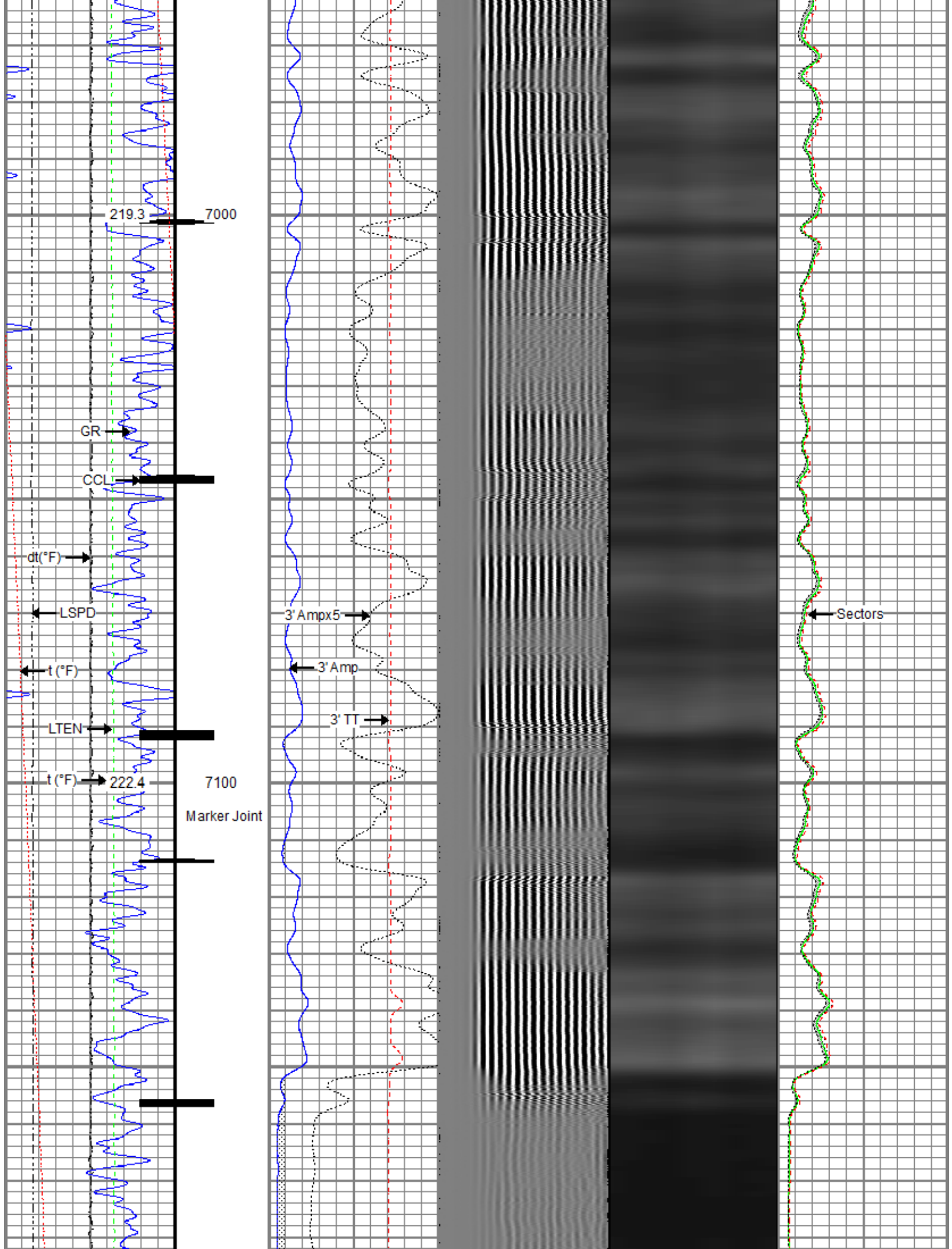


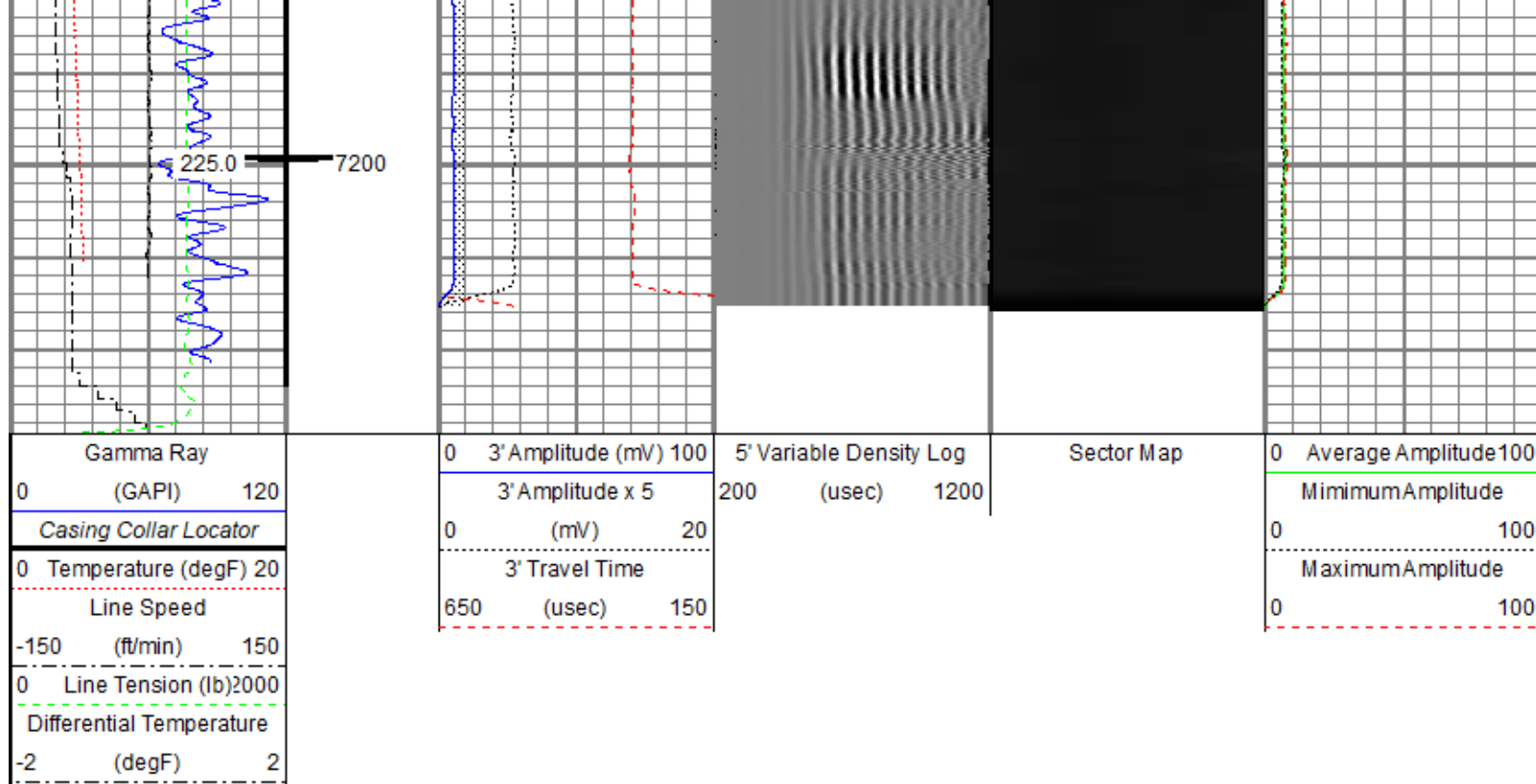








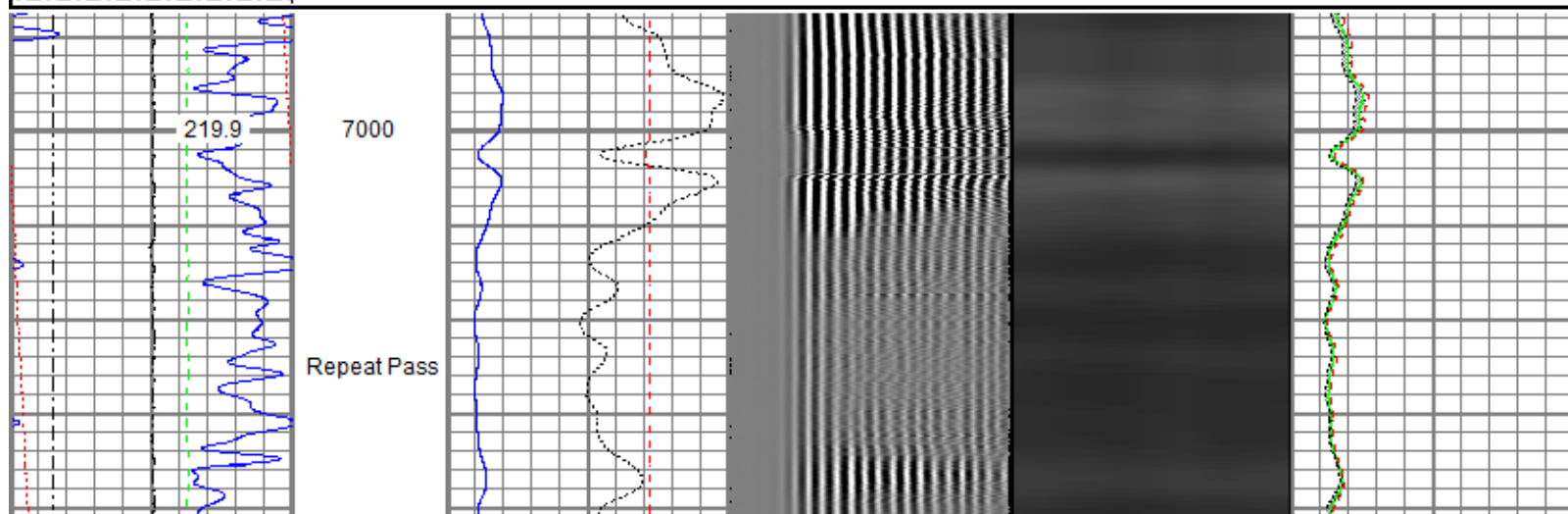
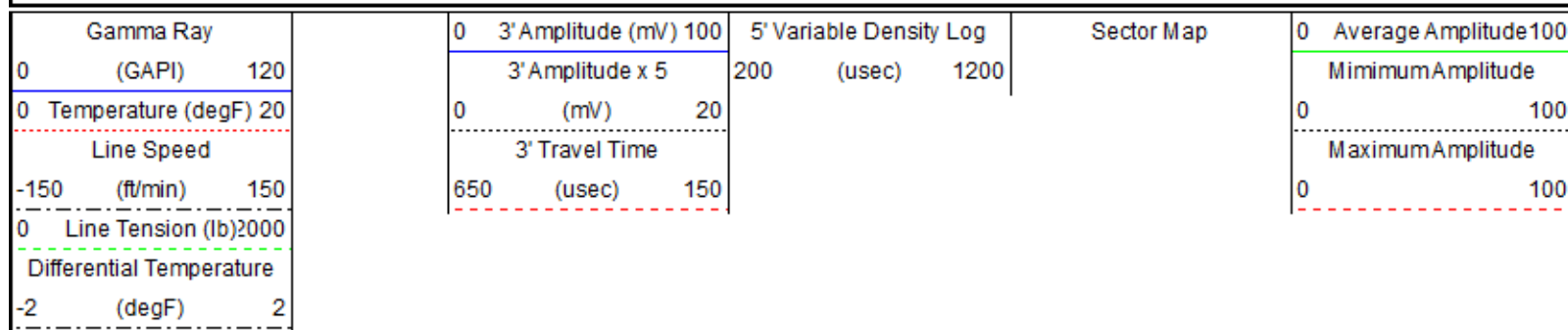


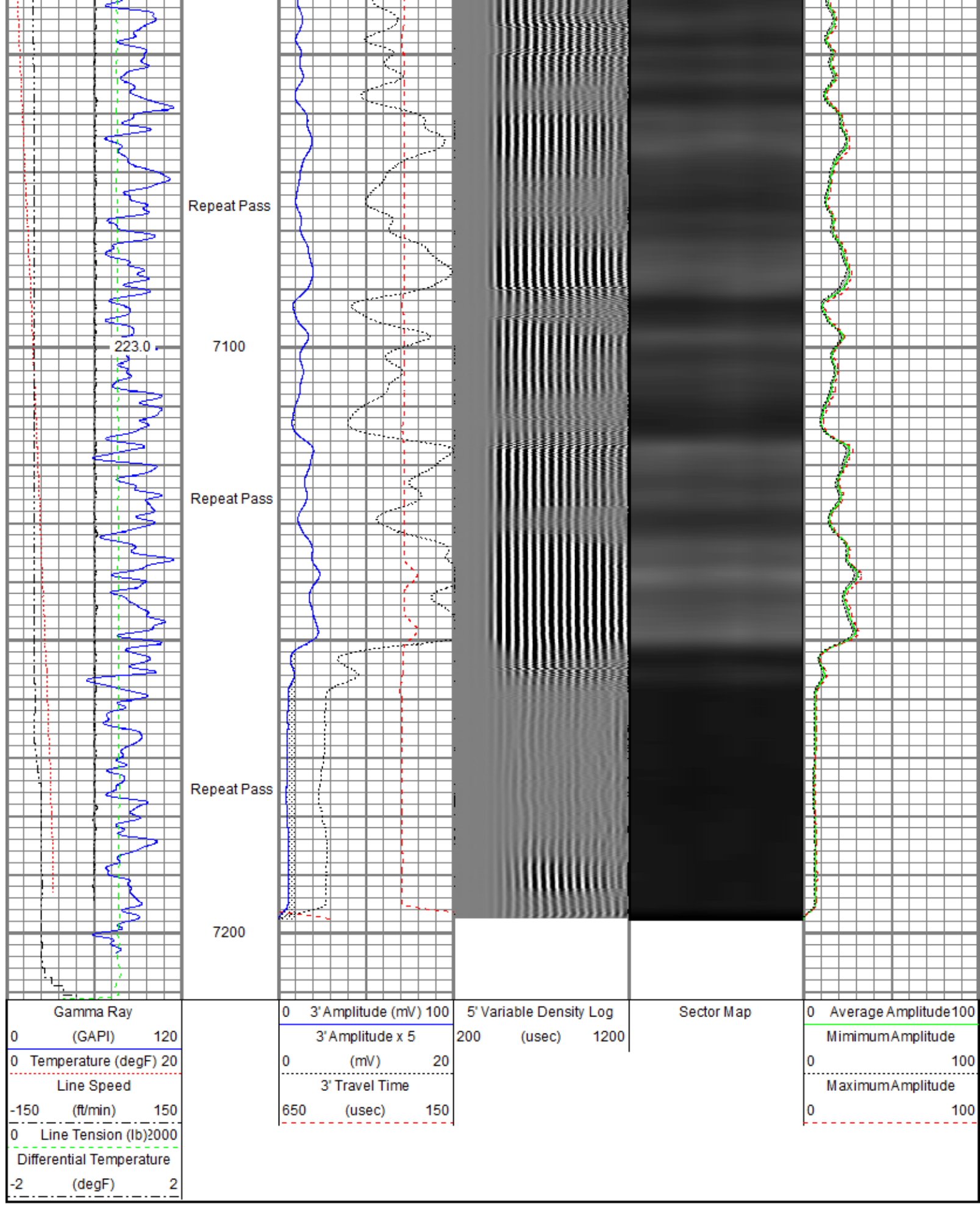



Repeat Pass

Recorded With 0 PSI Surface Induced Pressure

Database File 0512350638_oxy_windsock 21-6hz_rbl_03-15-20\0512350638_oxy_windsock 21-6hz_rbl_03-15-20.db
Dataset Pathname pass2.1
Presentation Format ros_radial
Dataset Creation Tue Mar 17 10:42:22 2020
Charted by Depth in Feet scaled 1:240





Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Tip CUD 44375-00	1.03	1.44	2.60

			Titan CHD-14375 GU Titan 1-7/16" Assembled Electric Cable Head with 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
TEMP	17.04					
WVFS8	14.81		Probe Radii-2750 RBT (120855) Probe 2-3/4" Radial Cement Bond Tool with Integral Temperature Sub	9.39	2.75	105.00
WVFS7	14.81					
WVFS6	14.81					
WVFS5	14.81					
WVFS4	14.81					
WVFS3	14.81					
WVFS2	14.81					
WVFS1	14.81					
WVFCAL	14.81					
WVF3FT	14.81					
WVF5FT	13.81					
			Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
CCL\$2	6.80					
CCL\$1	6.80					
GR	5.46		Probe GR-CCL-2750 6PB (101001) Probe 2-3/4" rev.1 Digital Scintillation Gamma Ray/CCL Combined with 6 Pin Bottom for CNT	4.80	2.75	55.00
			Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
LOCTIM	0.00					
UTCTIM	0.00					
Dataset: 0512350638_Oxy_Windsock 21-6HZ_RBL_03-15-20.db: field/well/run1/pass4.1 Total length: 23.86 ft Total weight: 223.60 lb O.D.: 2.75 in						

Gamma Ray Calibration Report

Serial Number:	101001	
Tool Model:	2750 6PB	
Performed:	Tue Dec 03 09:24:53 2019	
Calibrator Value:	637.0	GAPI
Background Reading:	100.6	cps
Calibrator Reading:	981.1	cps
Sensitivity:	0.7235	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	120855	
Tool Model:	2750 RBT	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	12.980	ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.000	0.415	0.000	71.921	173.140	0.007
CAL	0.003	0.401				
5'	0.000	0.443	0.000	71.921	162.322	-0.000
SUM						
S1	0.000	0.424	0.000	100.000	236.075	-0.005
S2	0.000	0.432	0.000	100.000	231.319	-0.011
S3	0.000	0.451	0.000	100.000	221.543	-0.001
S4	0.000	0.481	0.000	100.000	207.870	-0.029
S5	0.000	0.465	0.000	100.000	215.374	-0.068
S6	0.000	0.443	0.000	100.000	225.916	-0.052
S7	0.000	0.458	0.000	100.000	218.629	-0.034
S8	0.000	0.439	0.000	100.000	227.821	-0.030

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.003	0.401	1.000	0.000

Air Zero Calibration, performed Sun Mar 15 10:54:24 2020:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.004	0.000	-0.000
5'	0.004	0.000	-0.000
SUM			
S1	0.004	0.000	-0.000
S2	0.004	0.000	0.000
S3	0.004	0.000	-0.000
S4	0.003	0.000	0.000
S5	0.004	0.000	0.000
S6	0.004	0.000	0.000
S7	0.004	0.000	0.000
S8	0.004	0.000	0.000

Temperature Calibration Report

Serial Number: 120855
 Tool Model: 2750 RBT
 Performed: Wed Dec 18 13:34:18 2019

	Reference	Reading
Low Reference:	100.00 degF	112.30 degF
High Reference:	350.00 degF	394.75 degF
Gain:	0.89	
Offset:	0.60	
Delta Spacing	1	



Company Kerr-McGee Oil & Gas Onshore, L.P.
Well Windsock 21-6HZ
Field Wattenberg
County Weld
State Colorado