



County Weld State Colorado

GL 5071

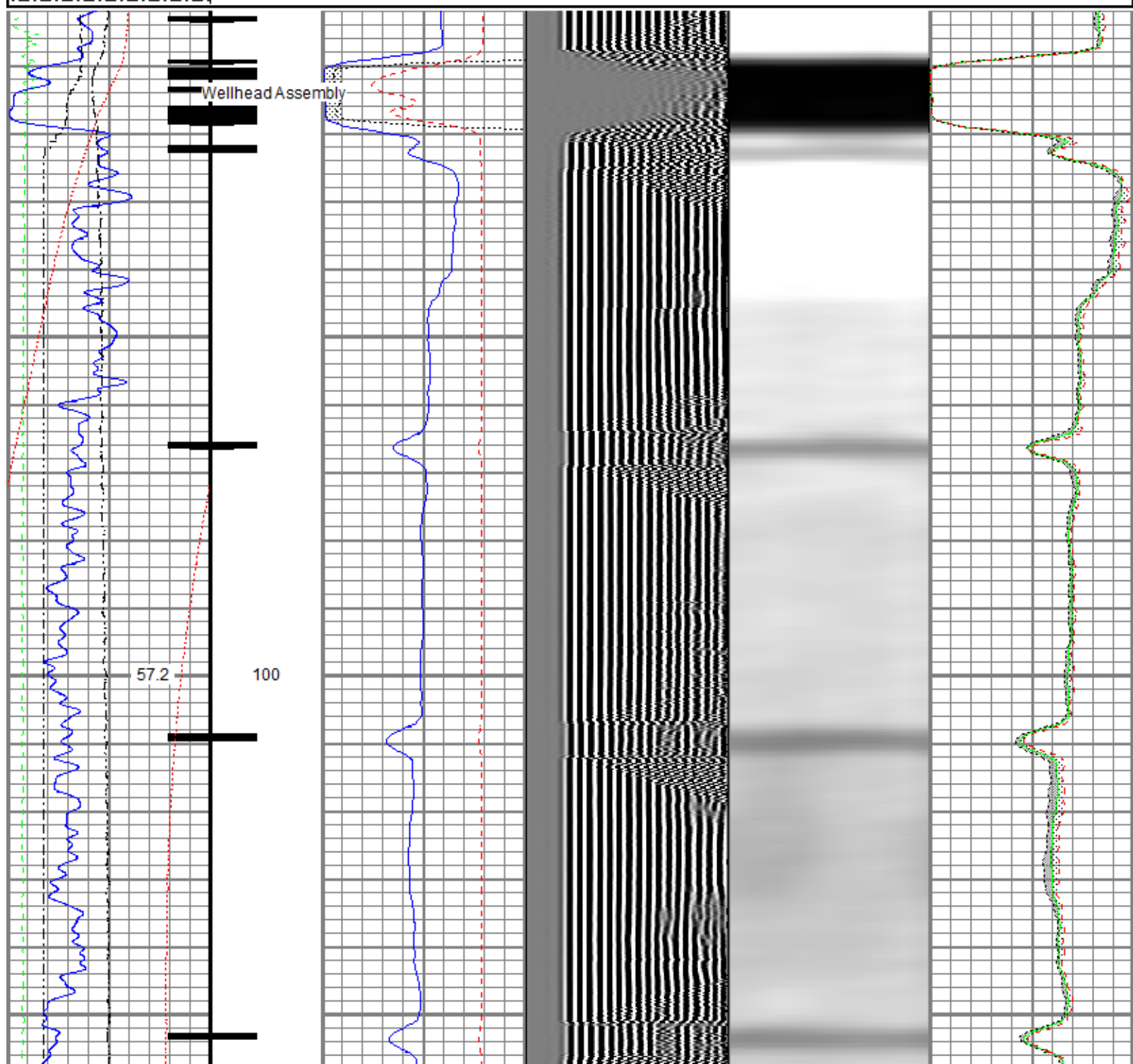
inner			
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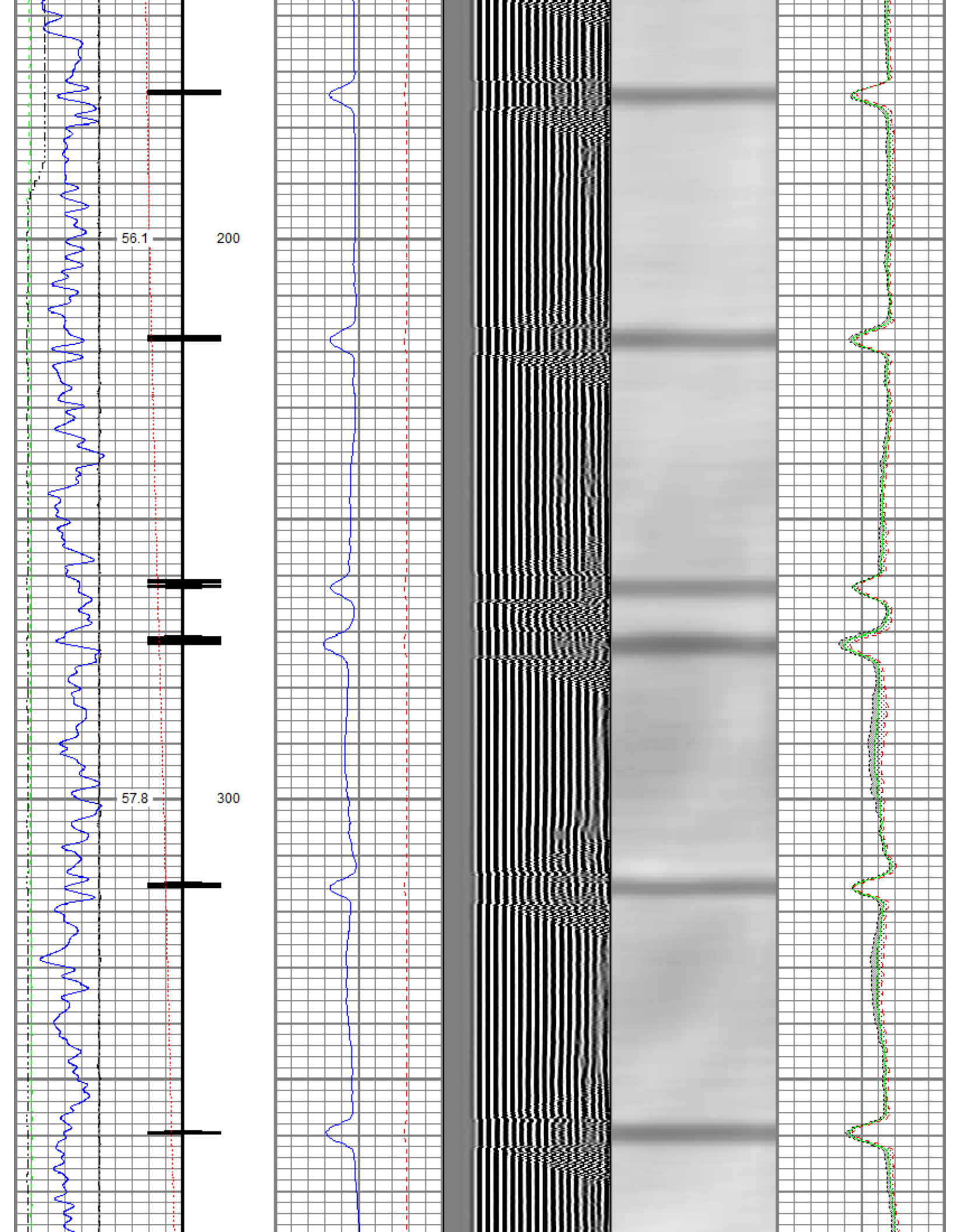
Recorded With 2000 PSI Surface Induced Pressure

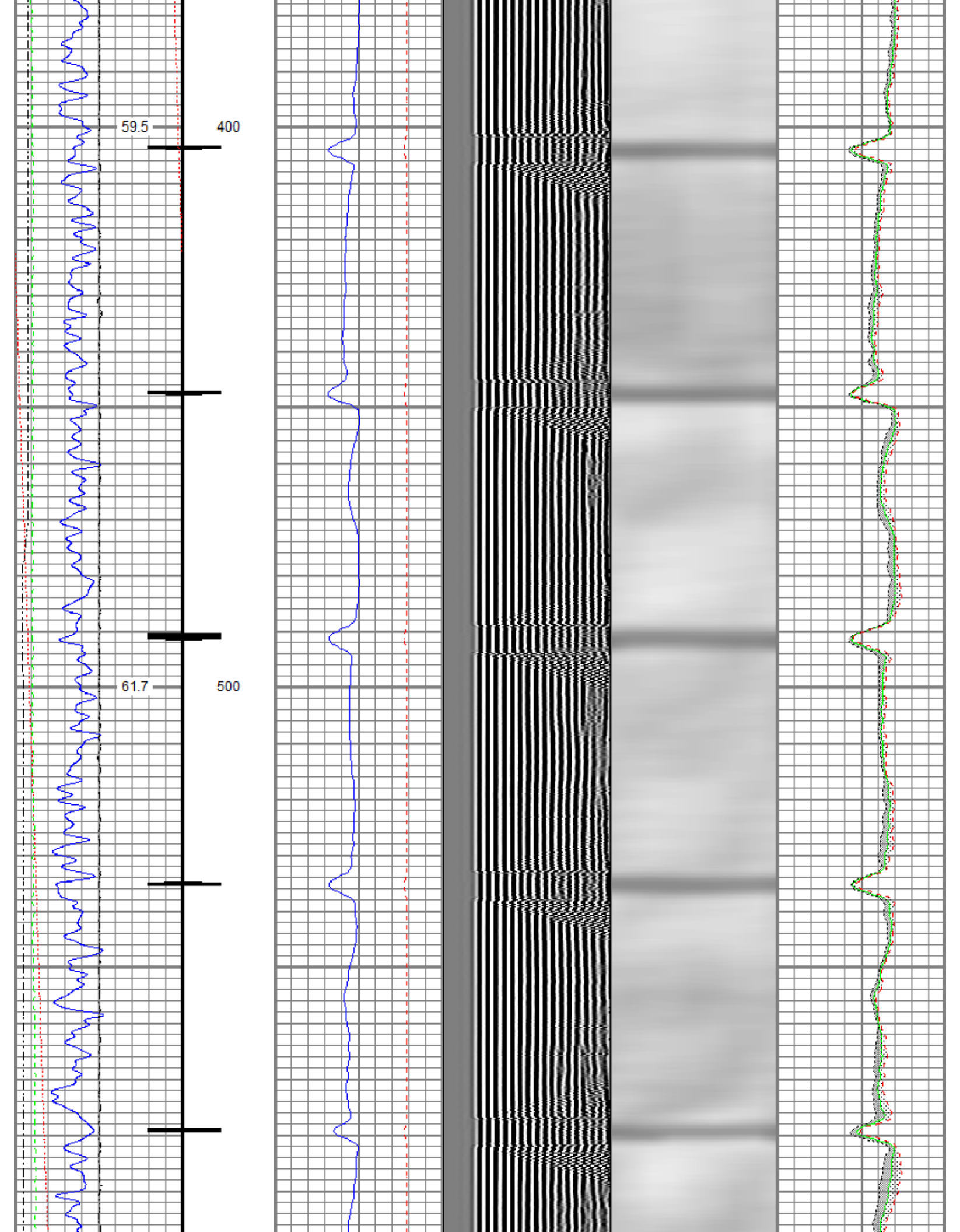
Recorded With 2800 PSI Surface Induced Pressure

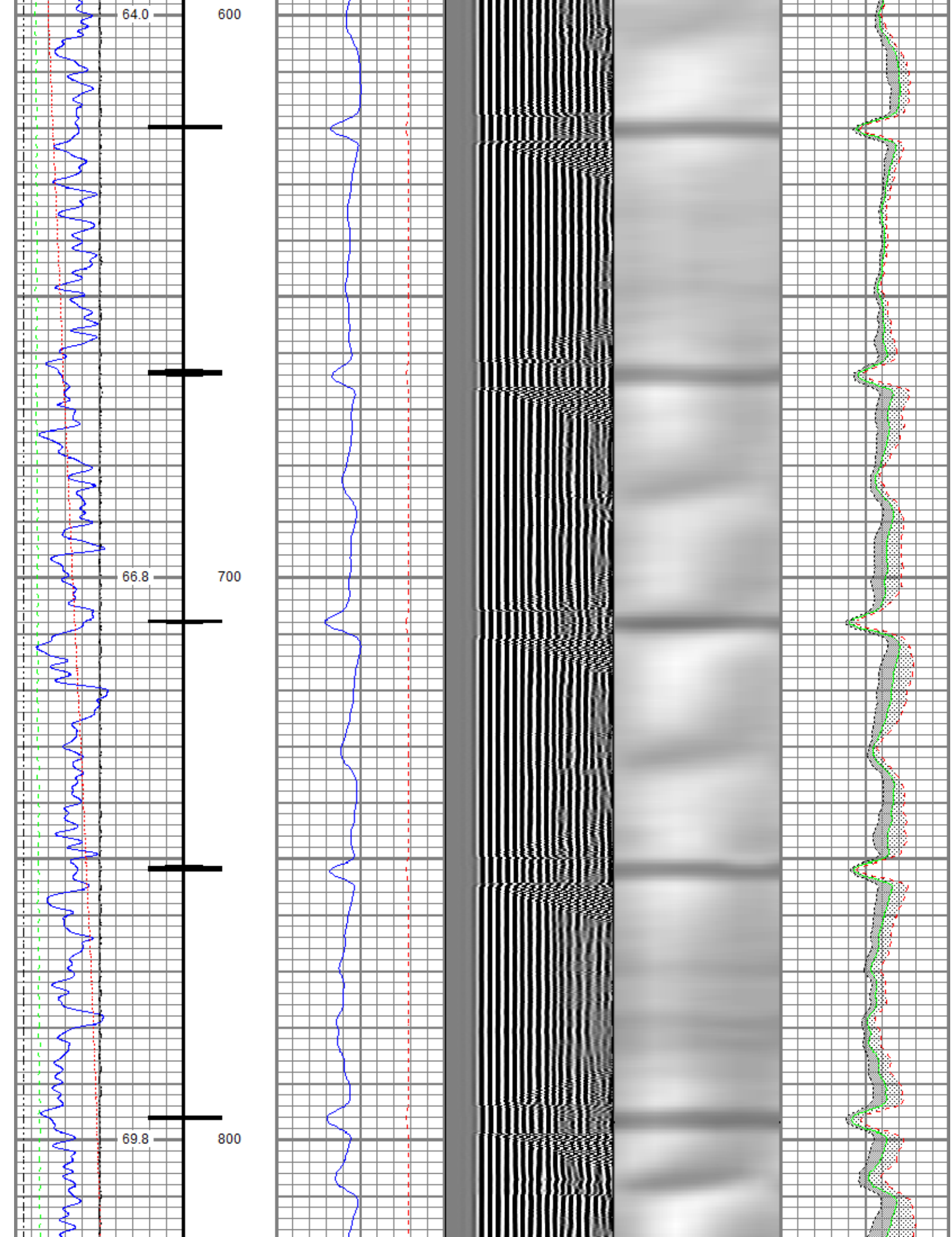
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 Dataset Pathname pass4.1
 Presentation Format ros_radri
 Dataset Creation Wed Jun 20 12:14:02 2018
 Charted by Depth in Feet scaled 1:240

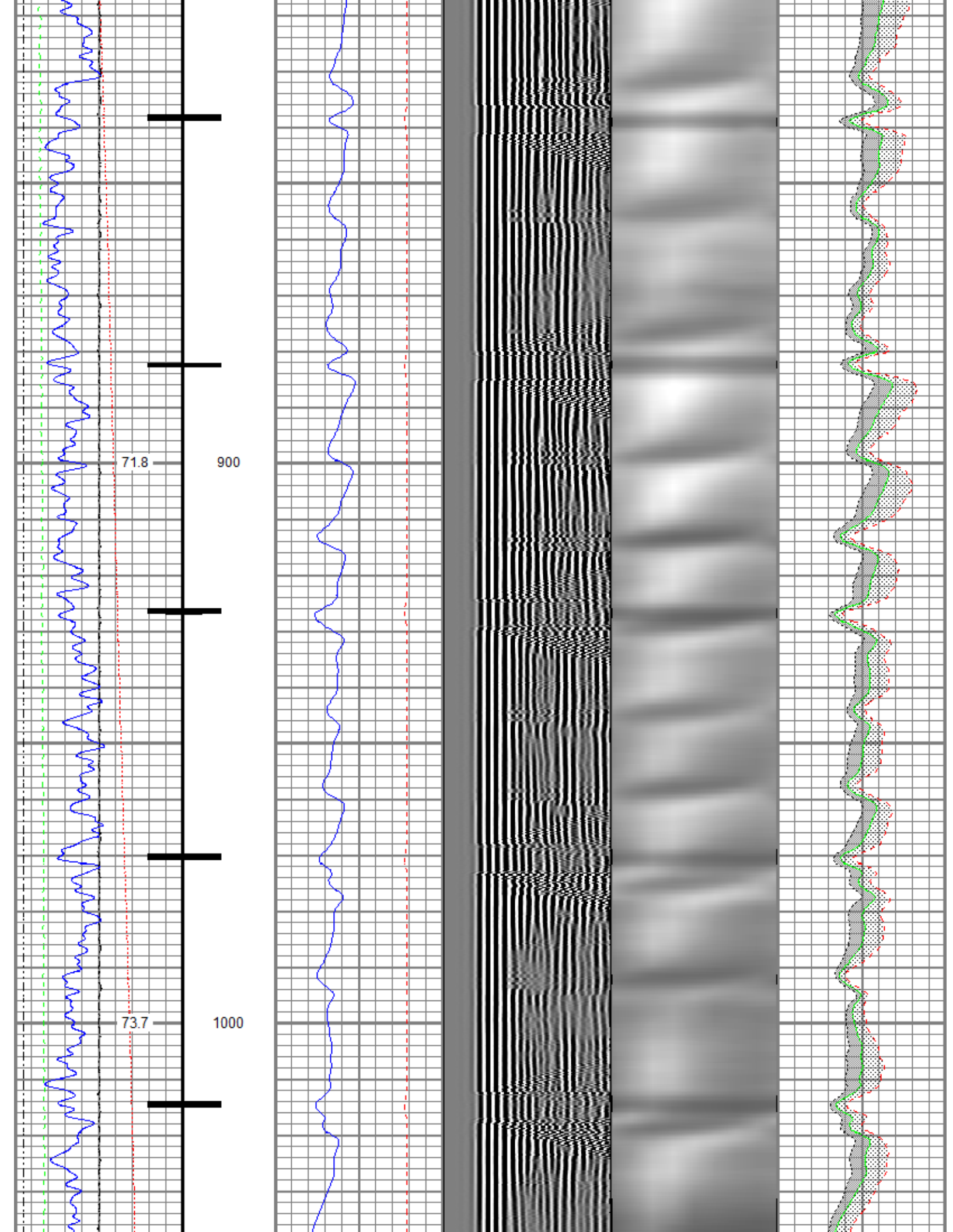
Gamma Ray	0	3' Amplitude (mV) 100	5' Variable Density Log	Sector Map	0	Average Amplitude 100
(GAPI) 120		3' Amplitude x 5	200 (usec) 1200			Minimum Amplitude
Casing Collar Locator	0	(mV) 20			0	100
Temperature (degF) 20		3' Travel Time				Maximum Amplitude
Line Speed	650	(usec) 150			0	100
-150 (ft/min)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

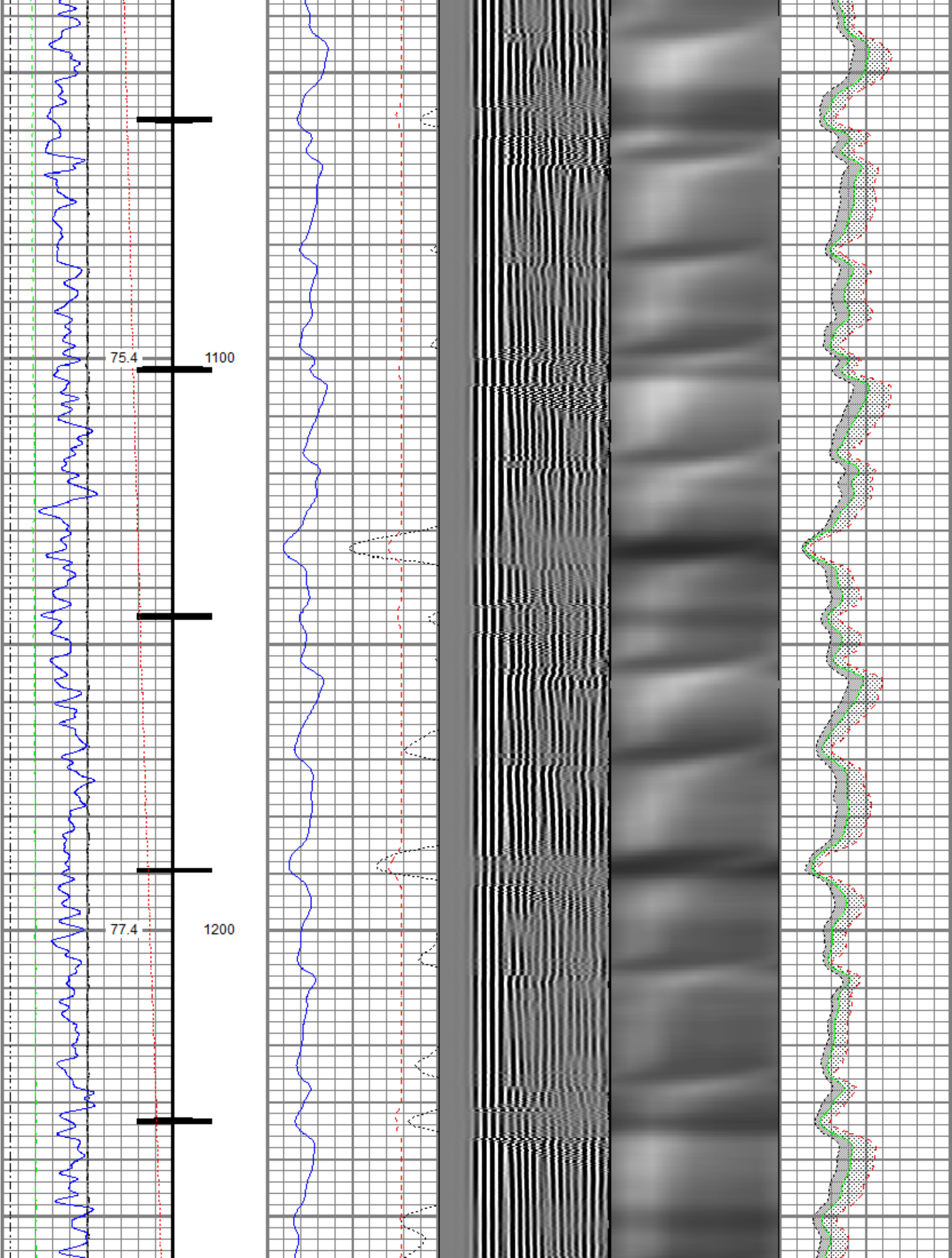


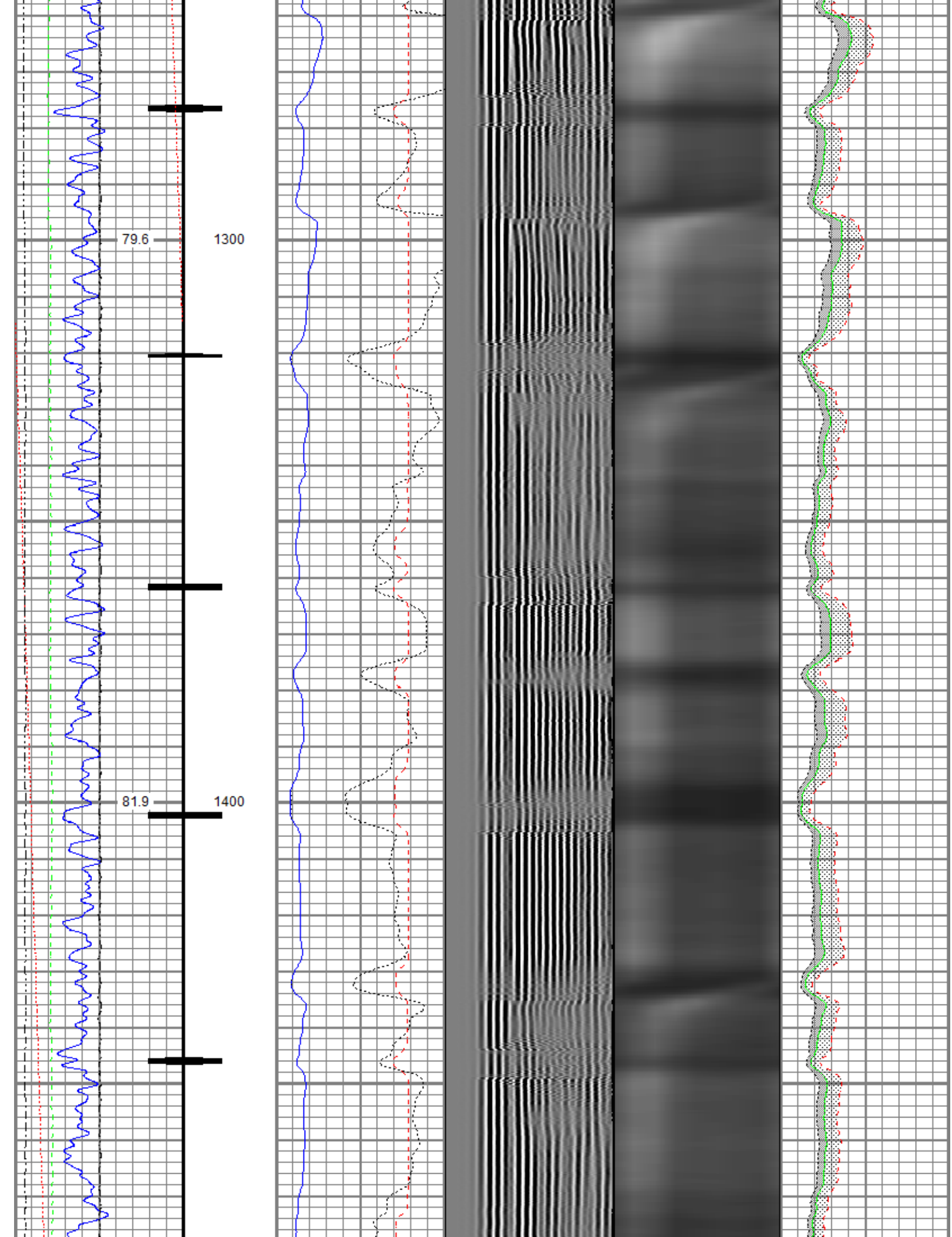


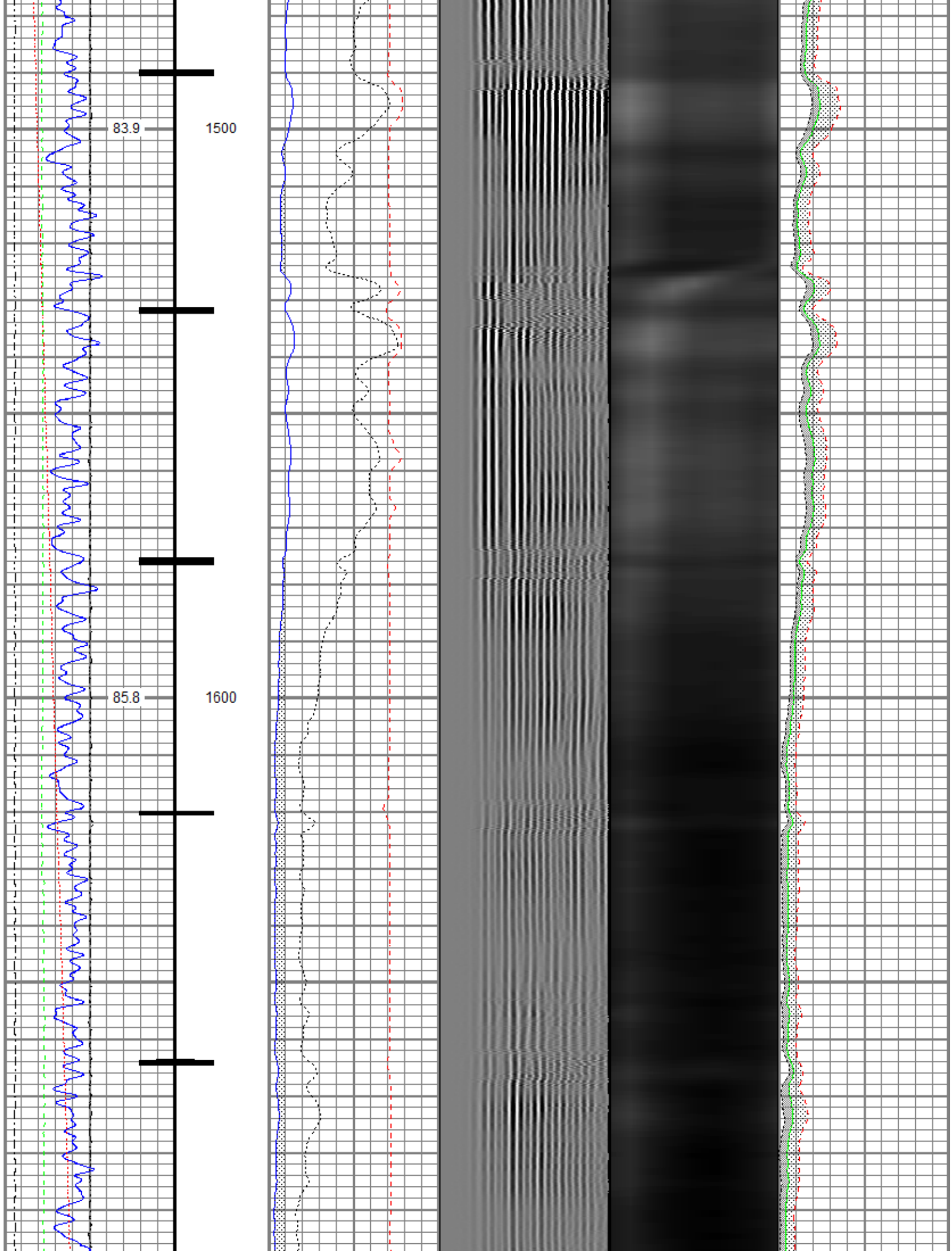


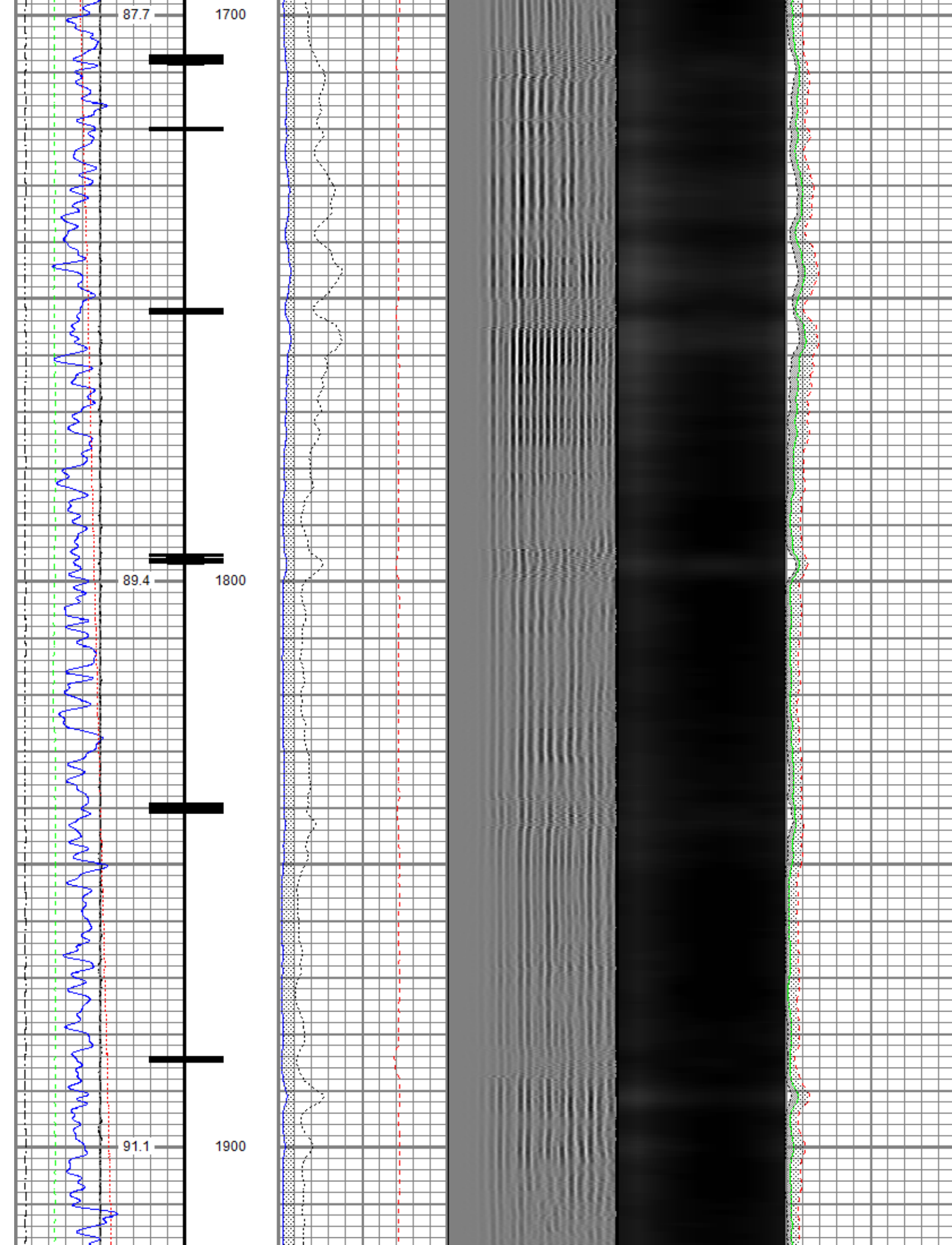


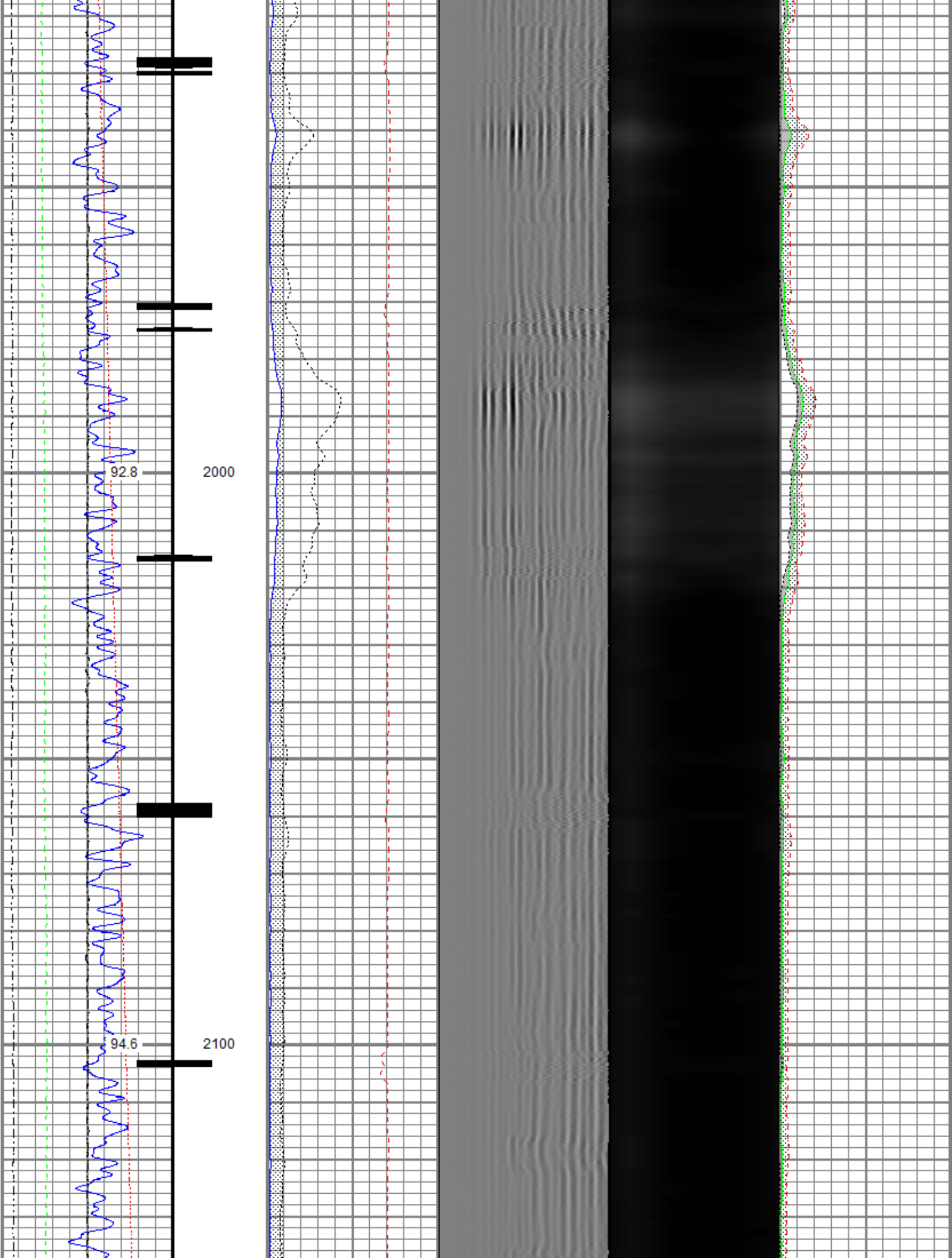


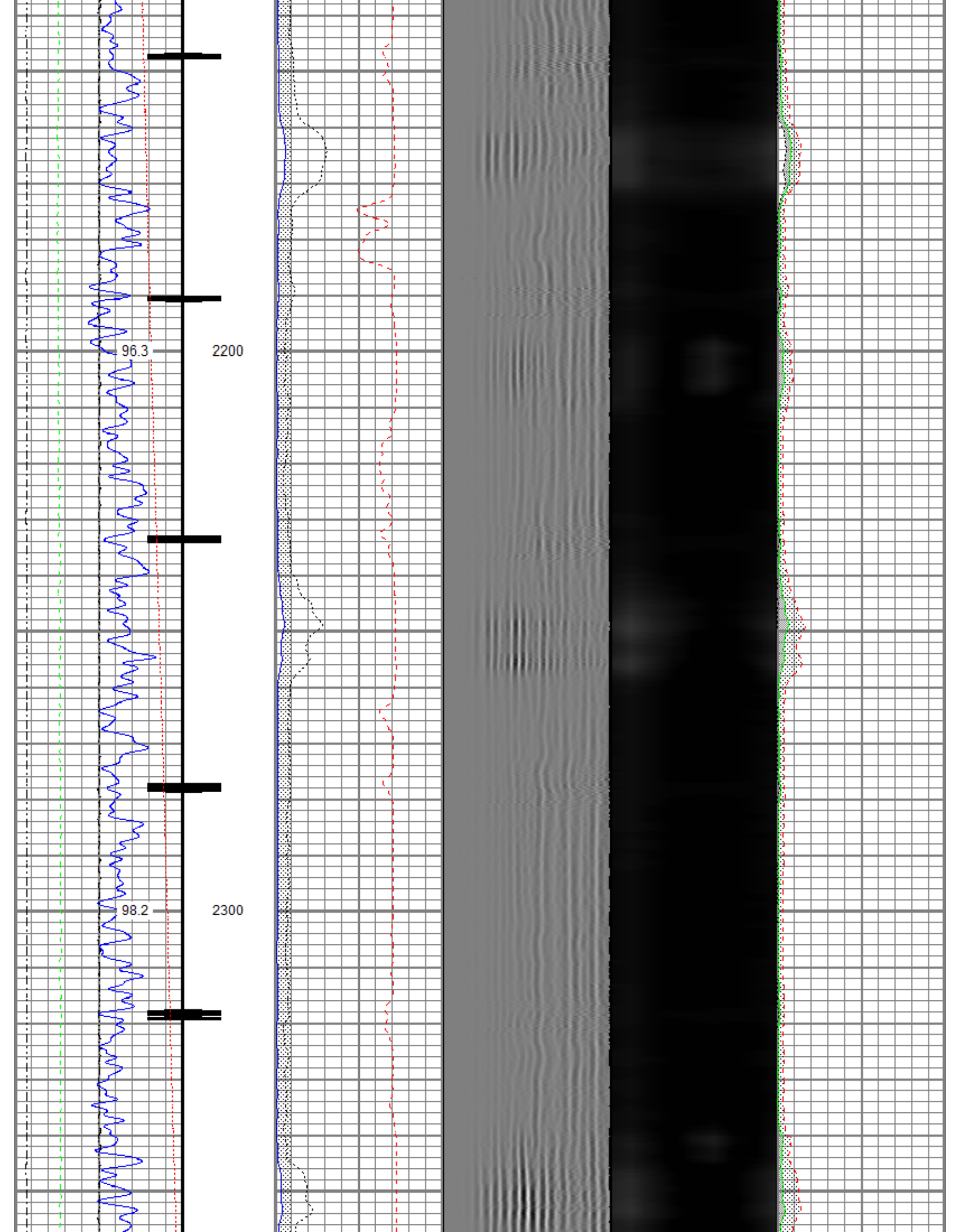


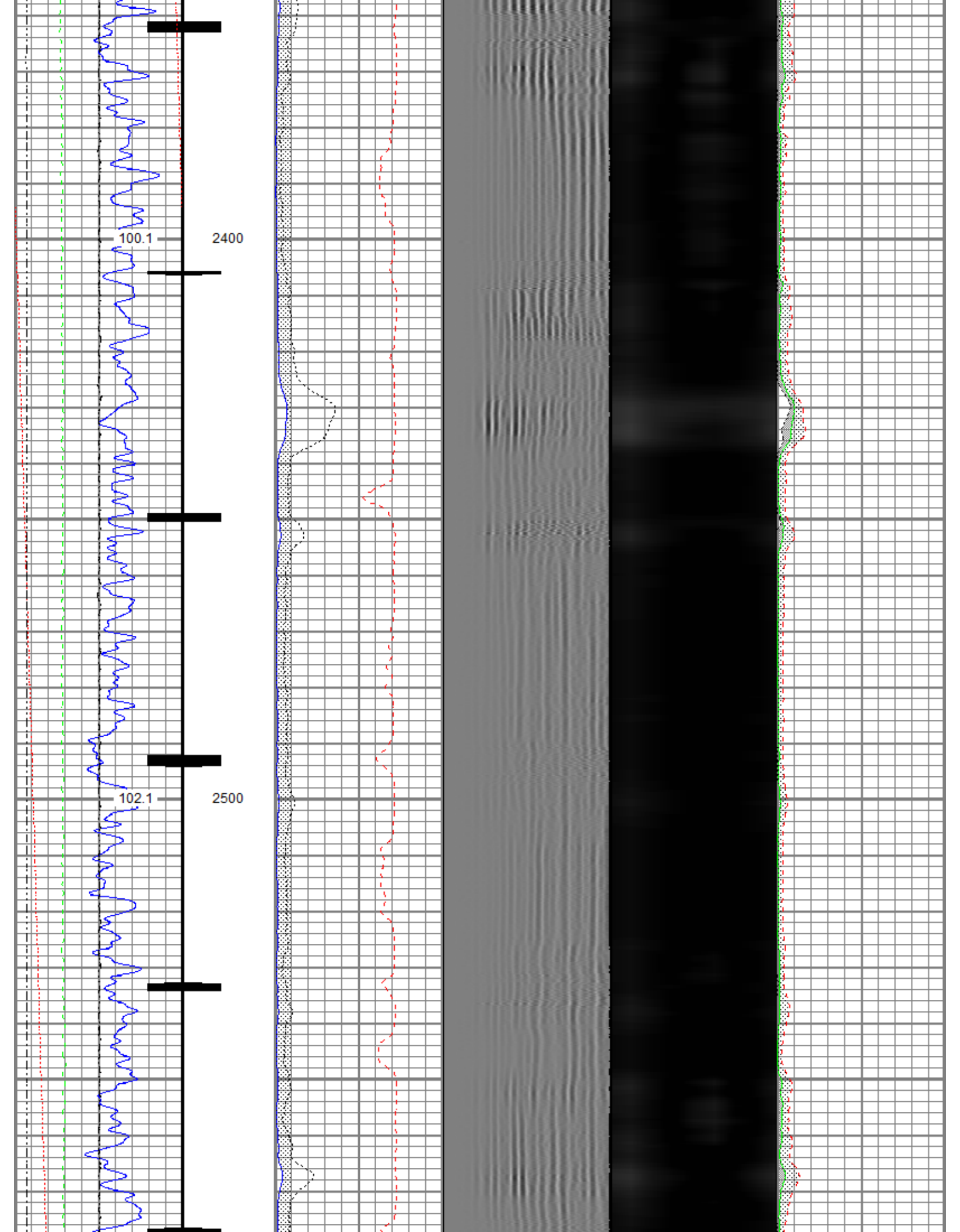


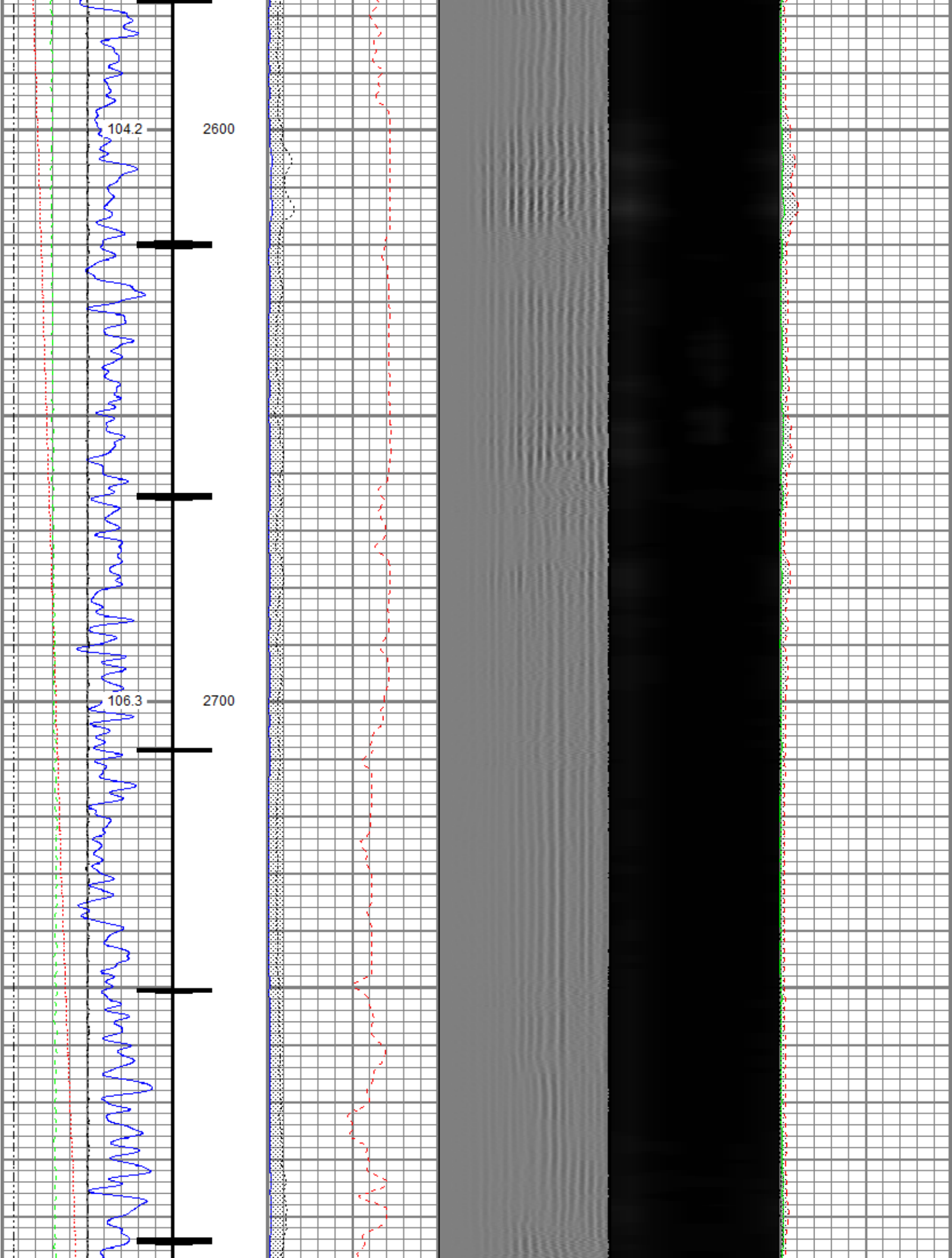


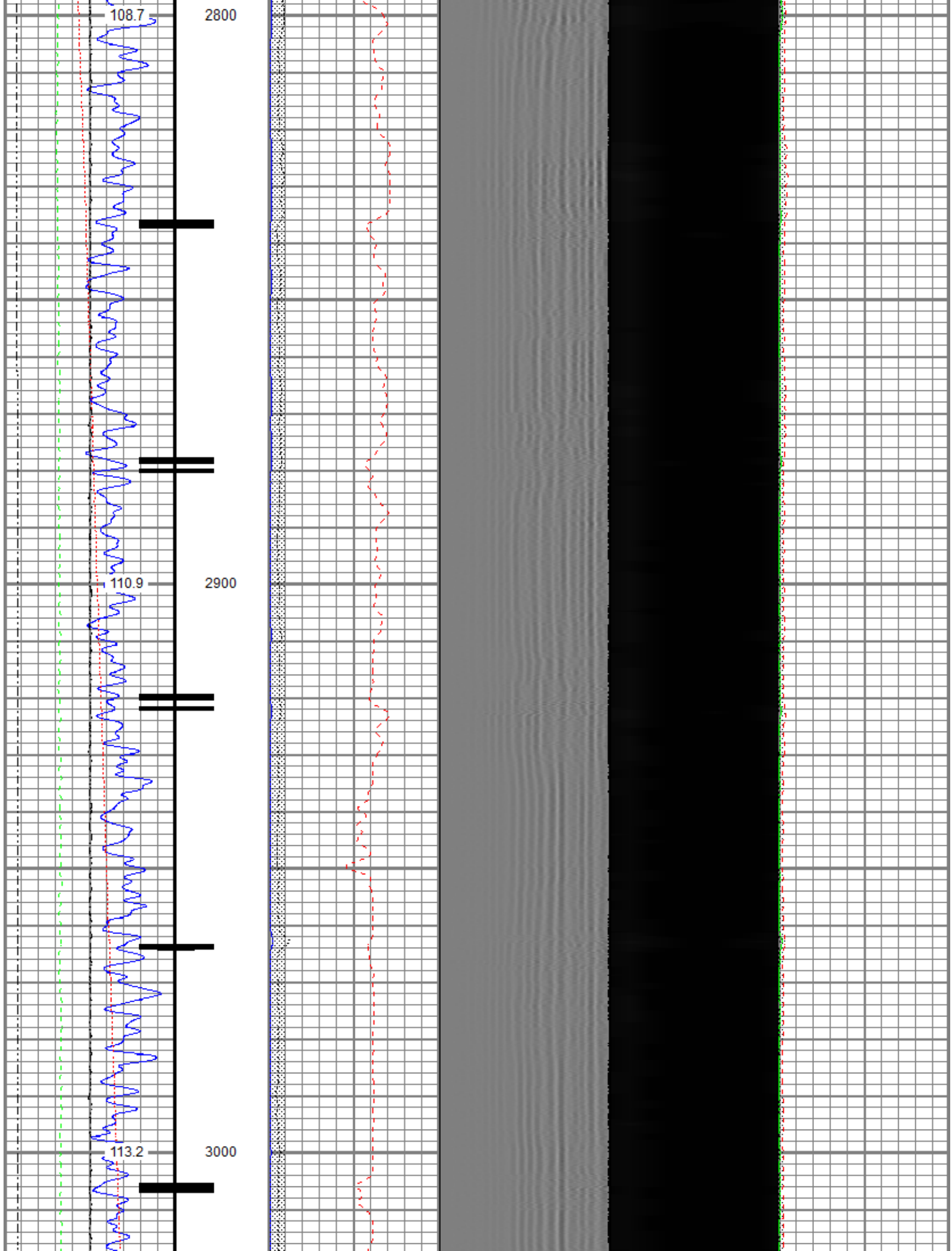


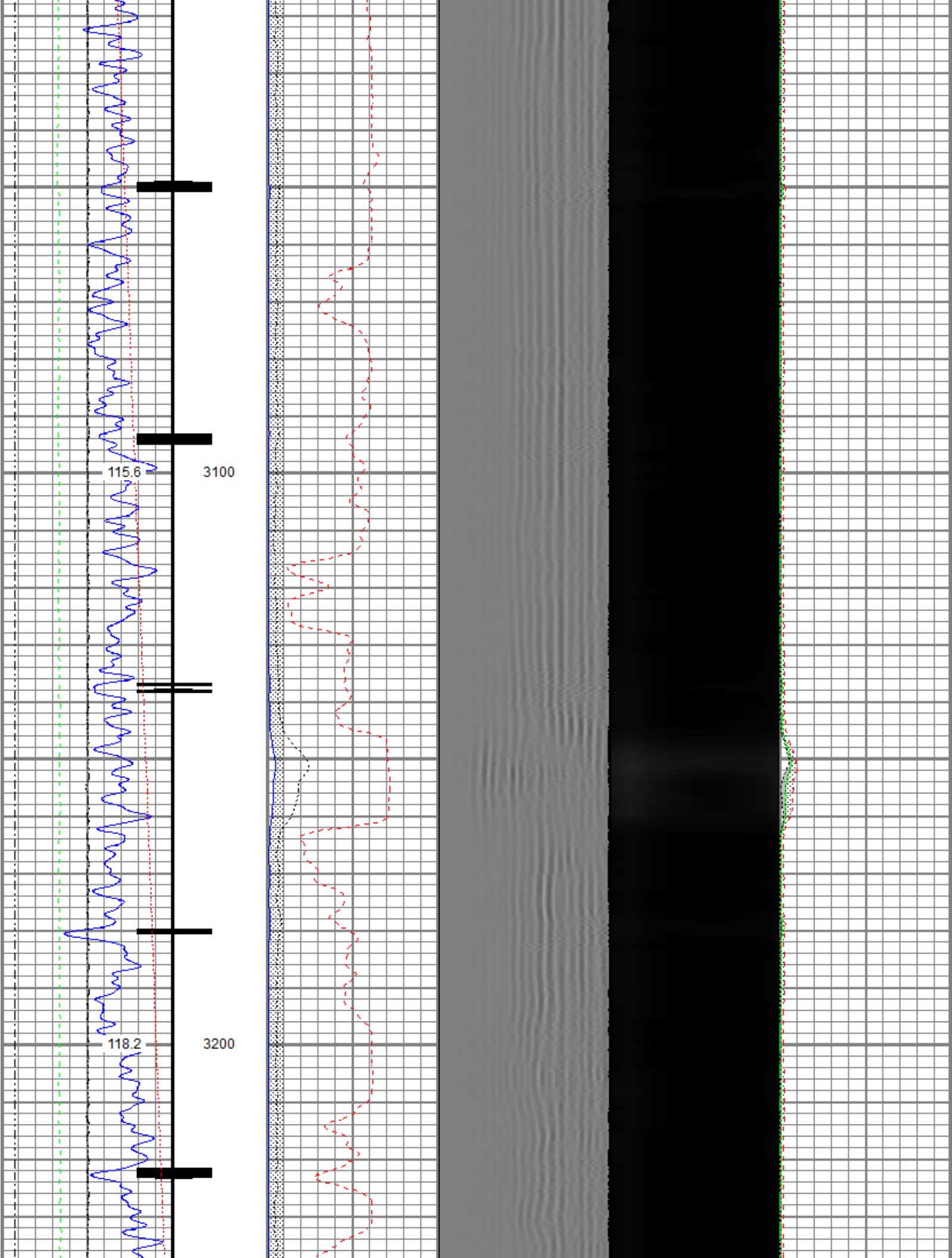


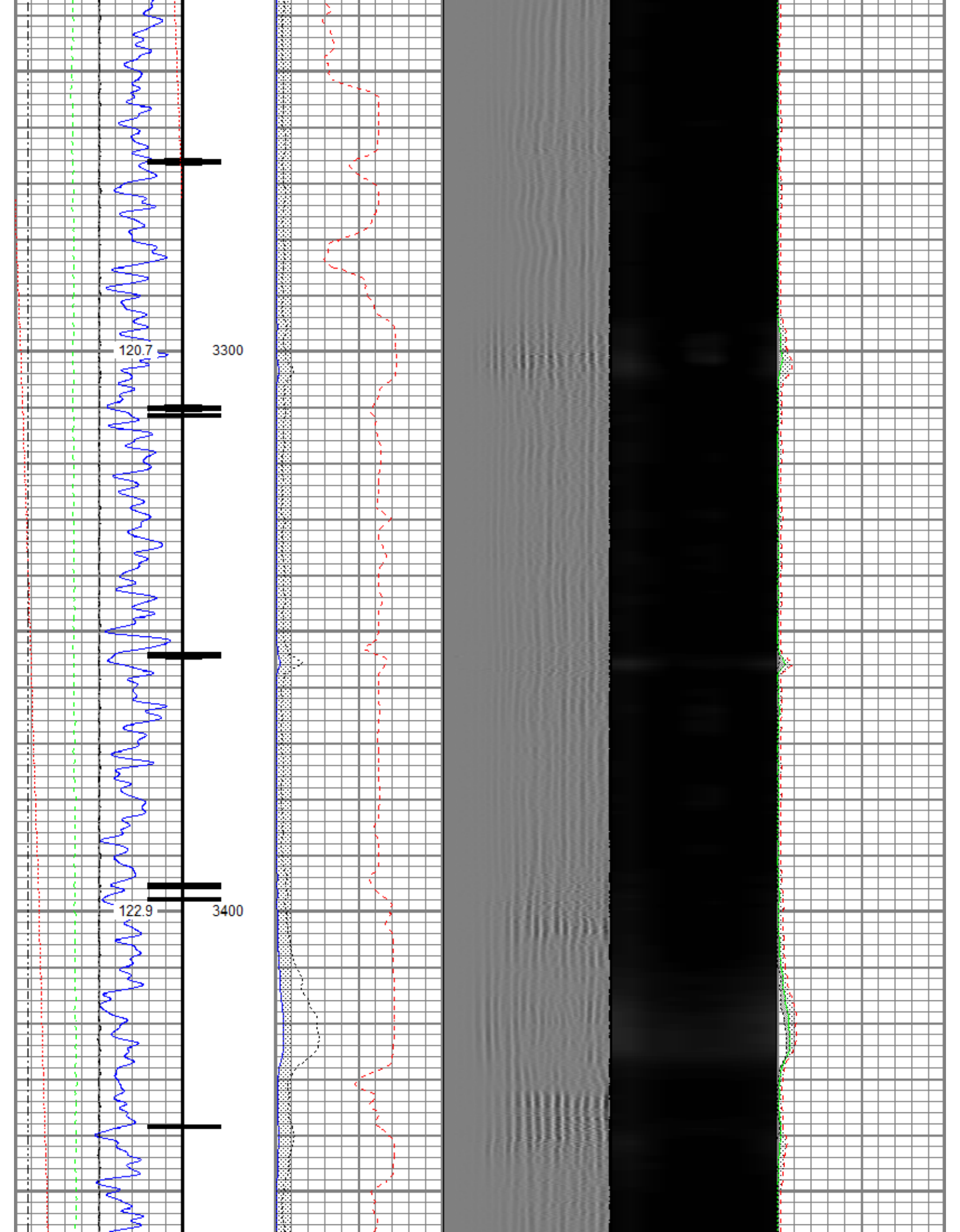


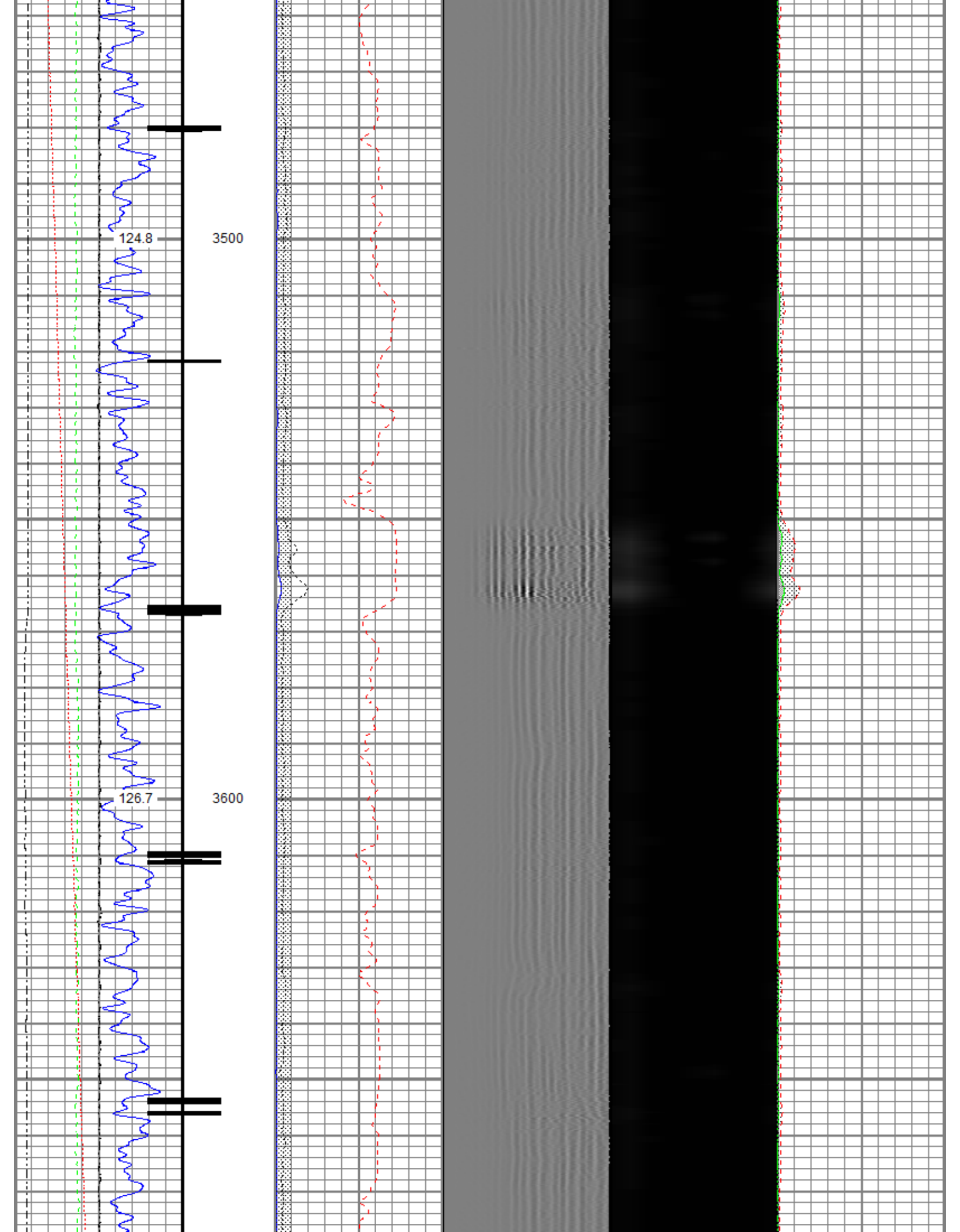


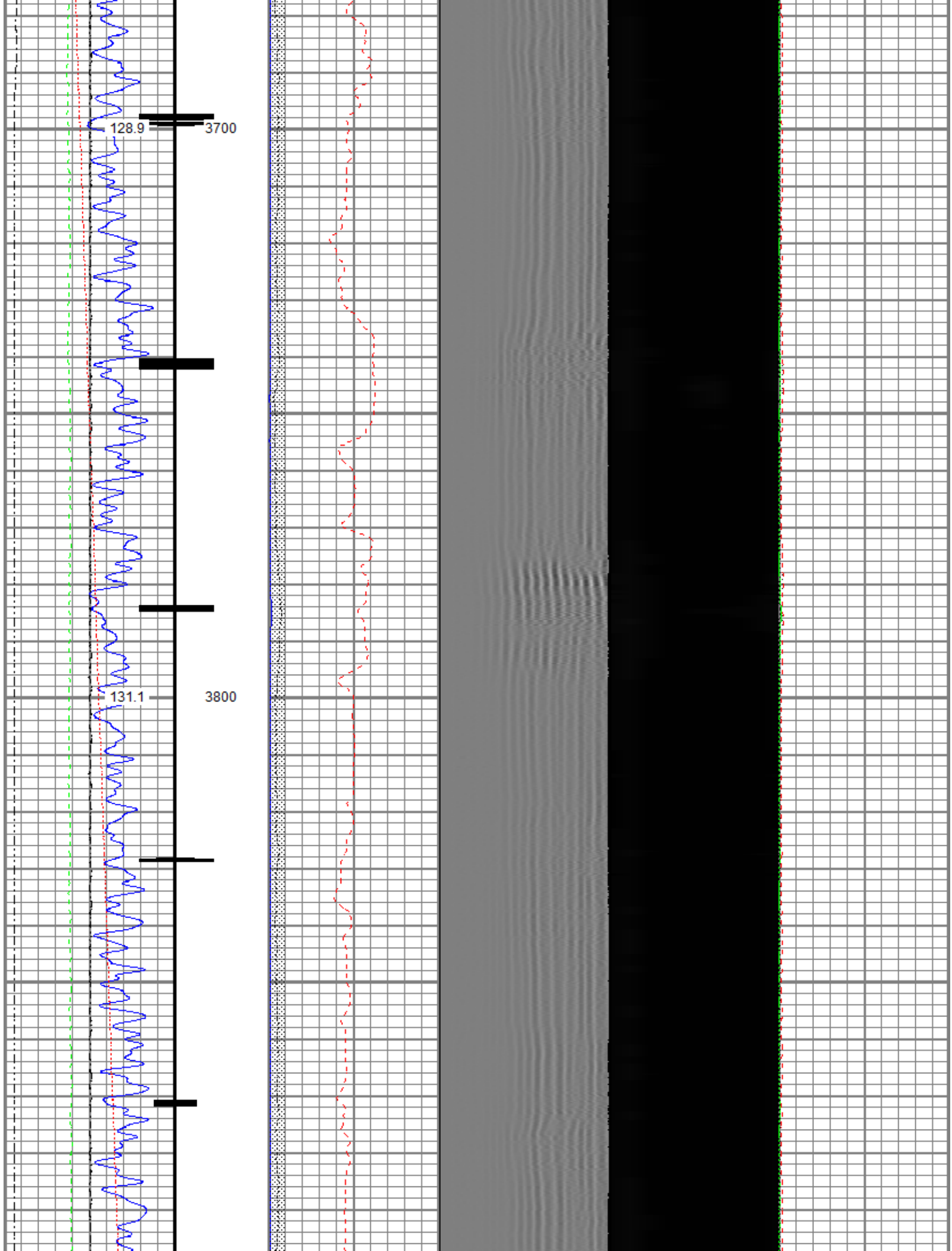


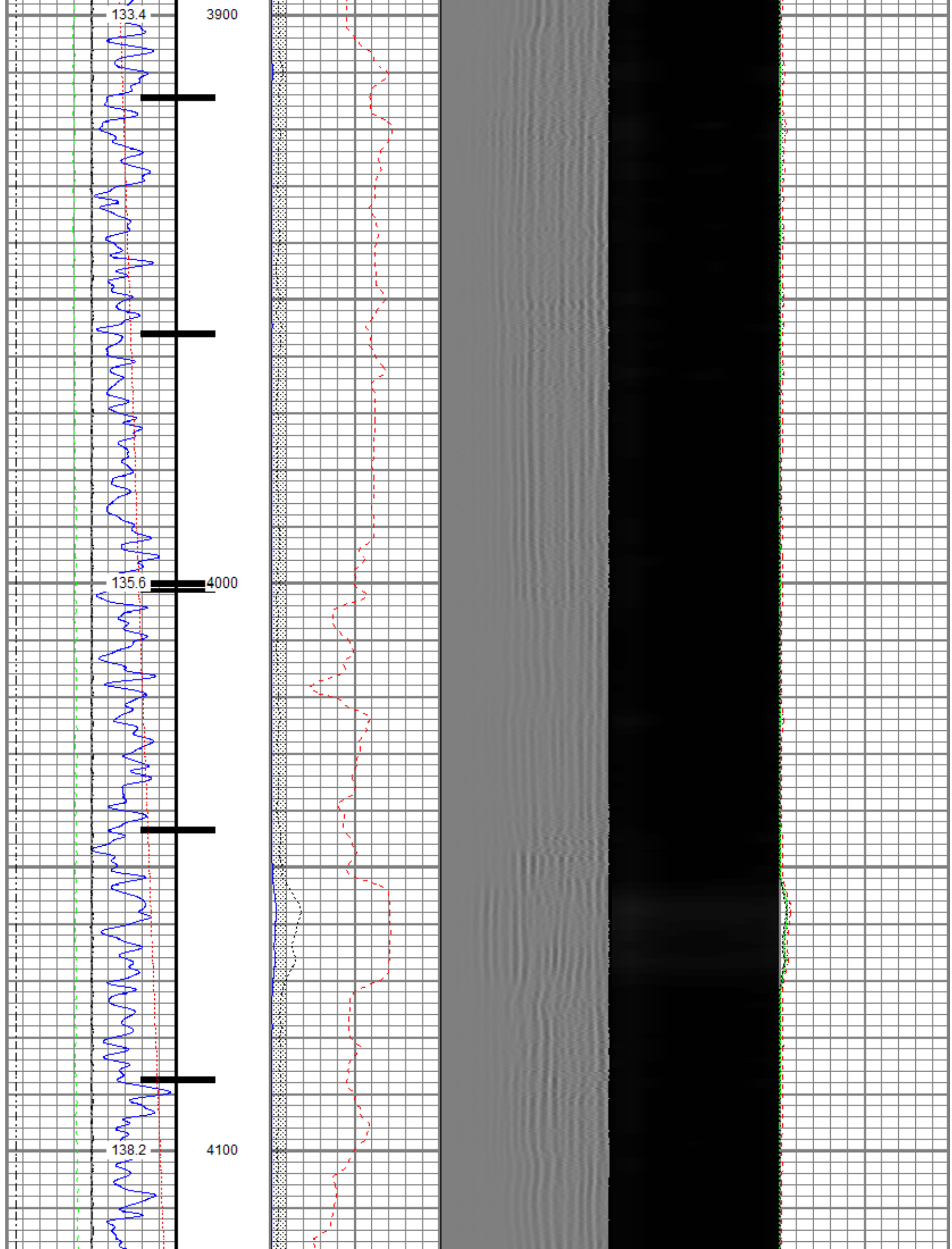


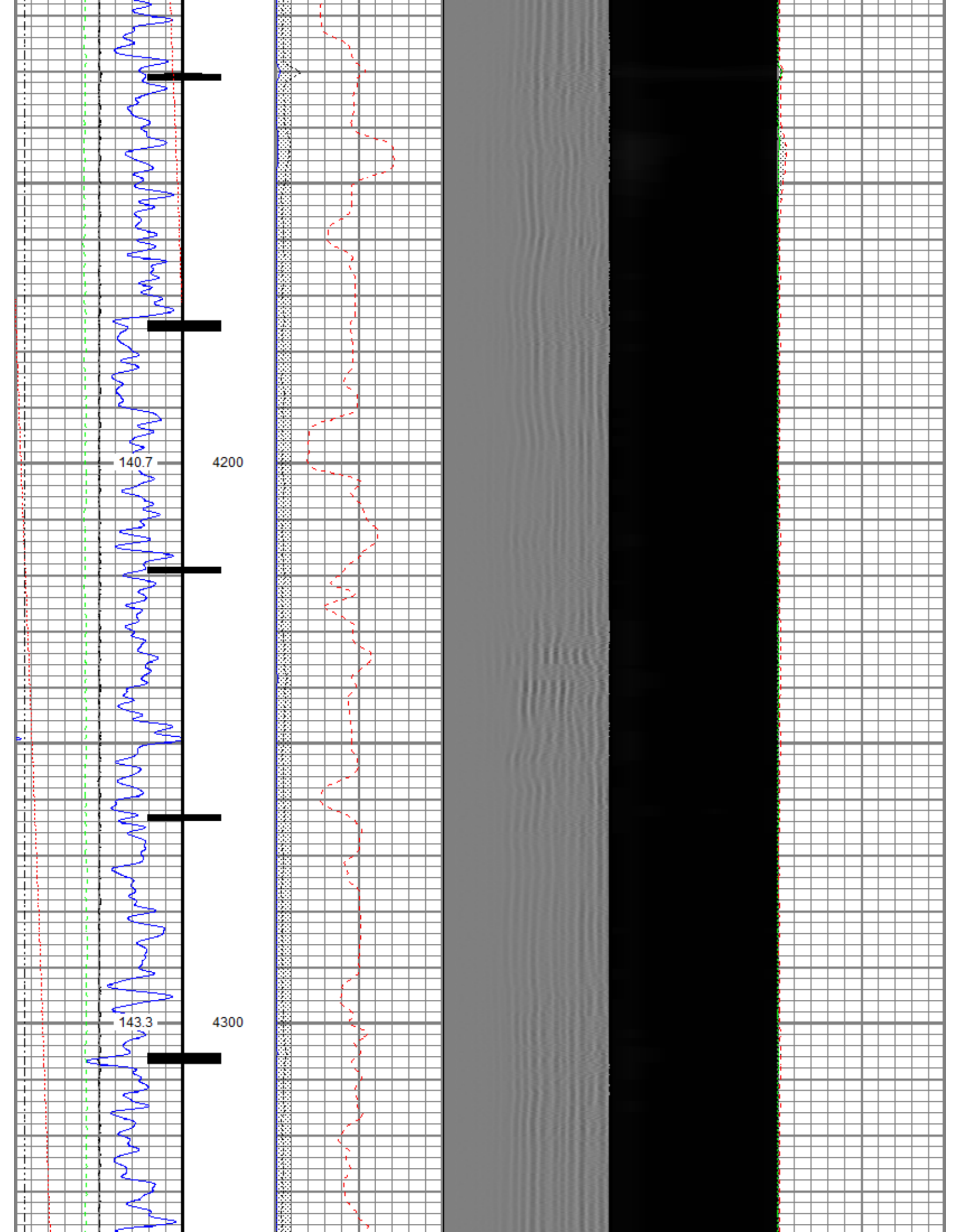


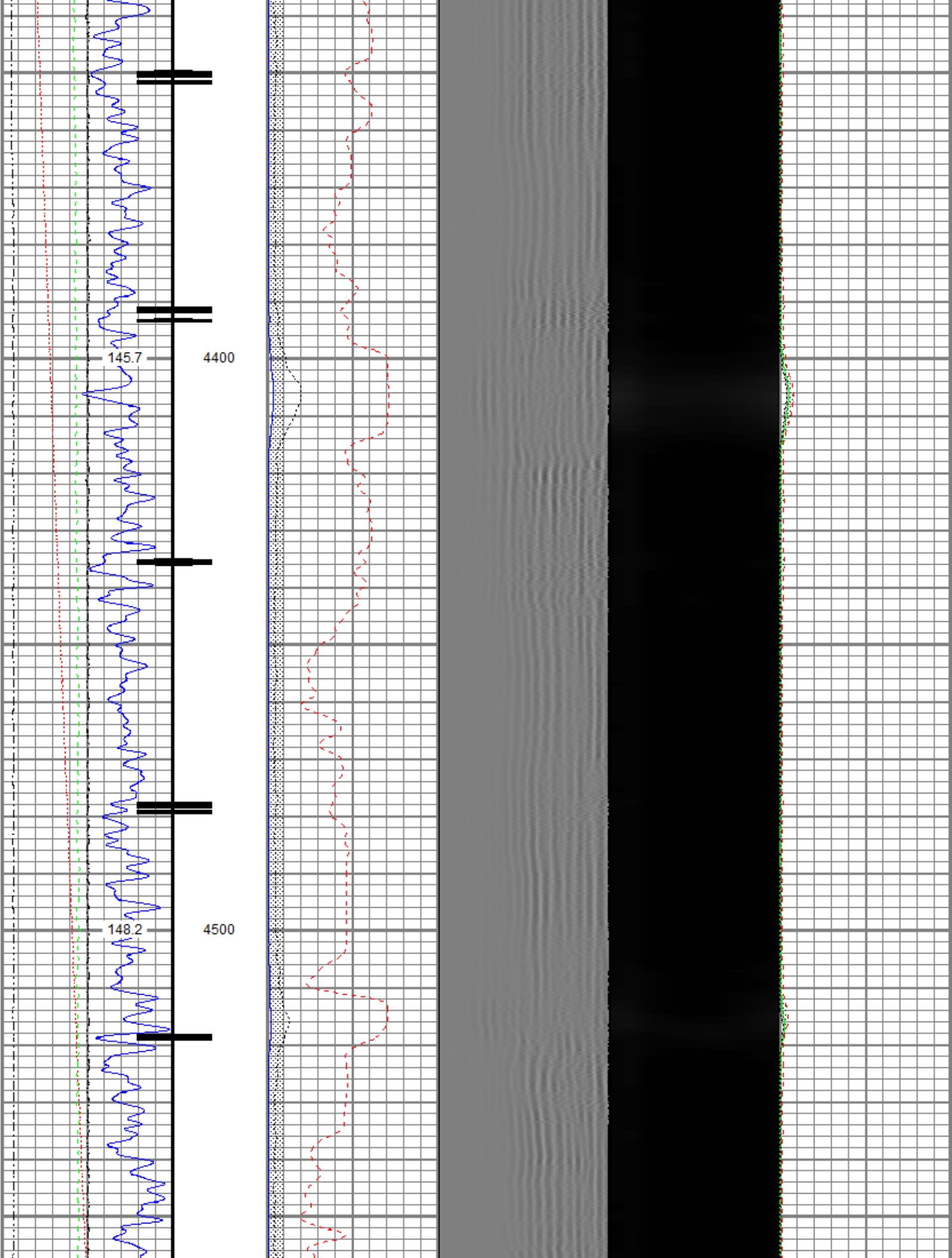


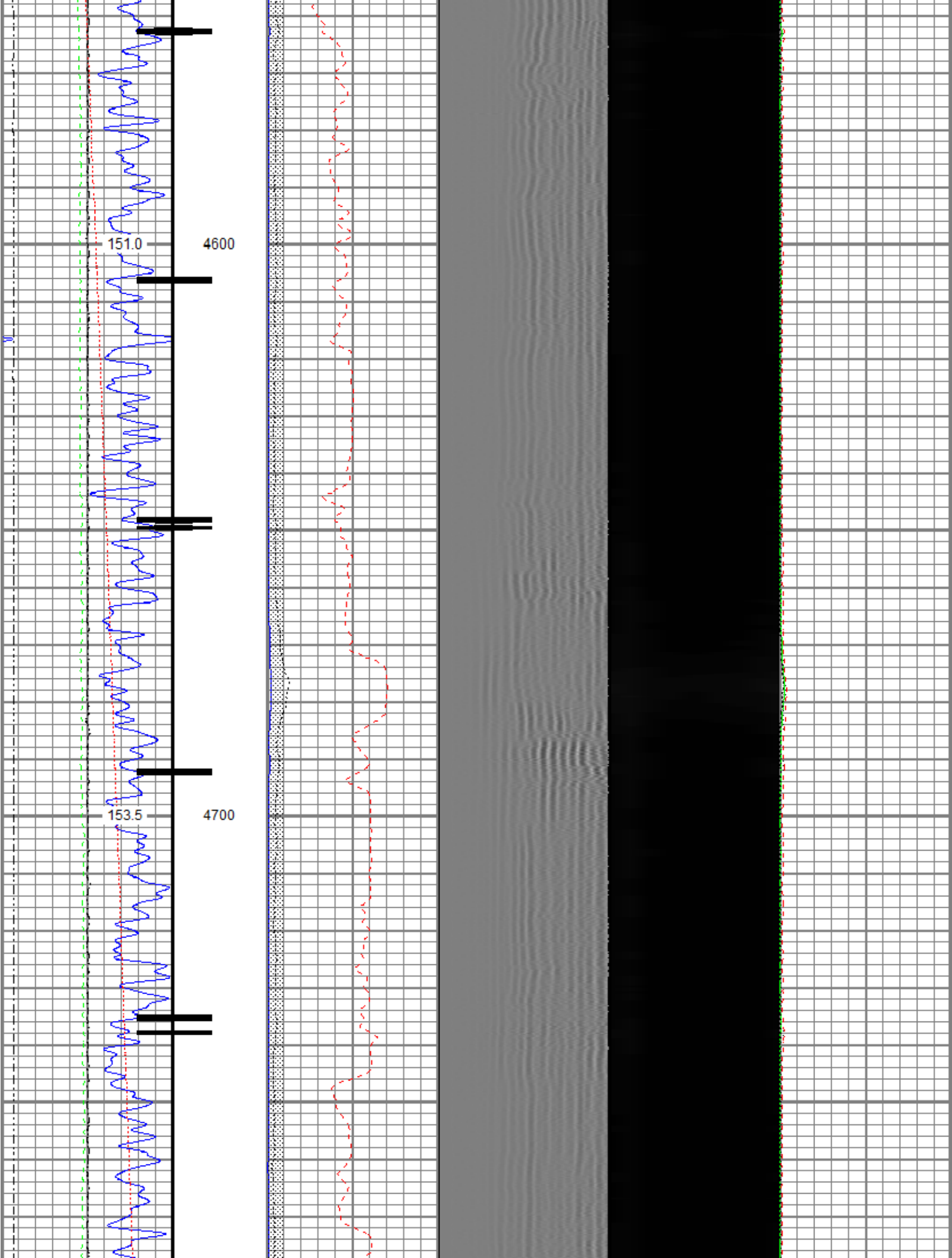


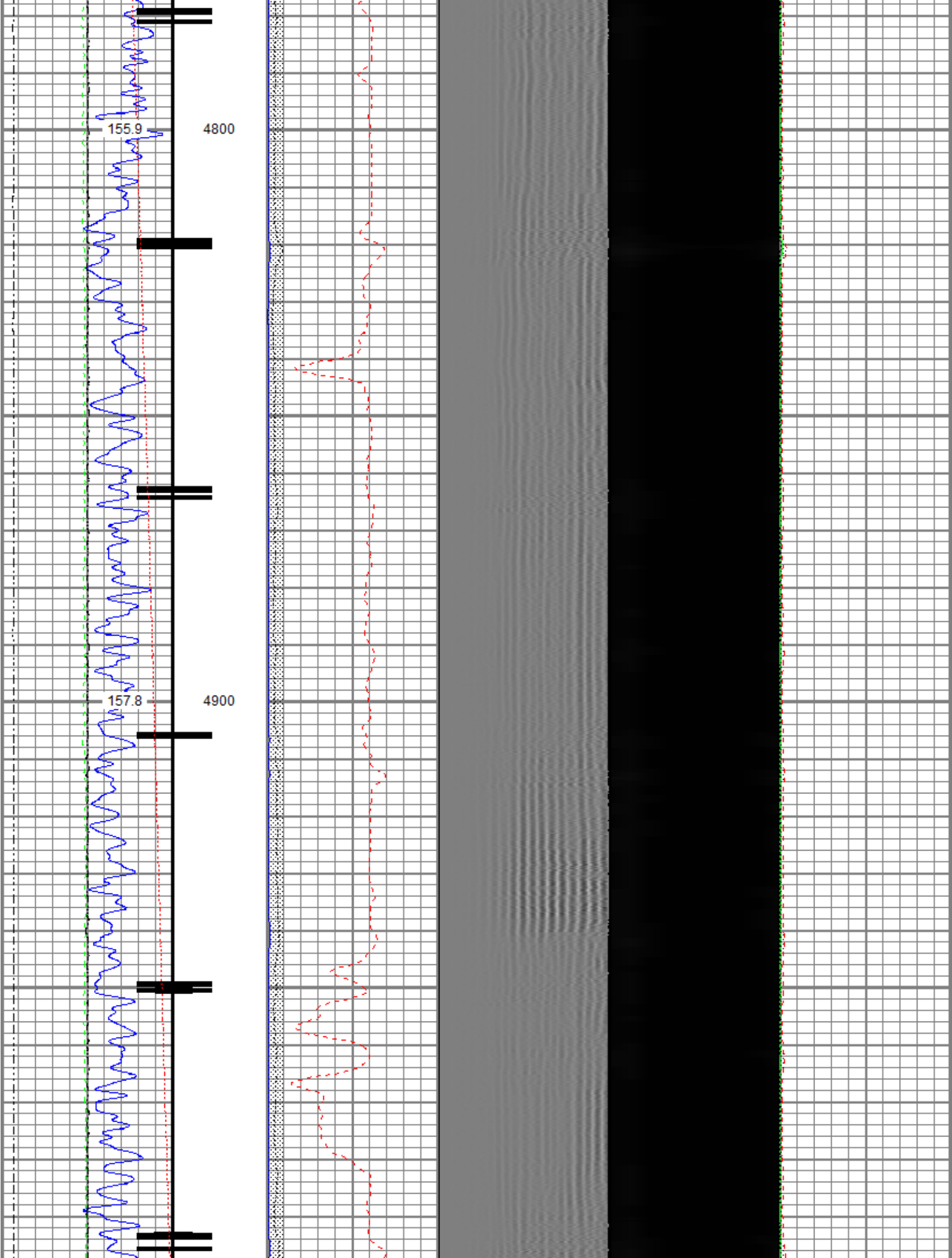


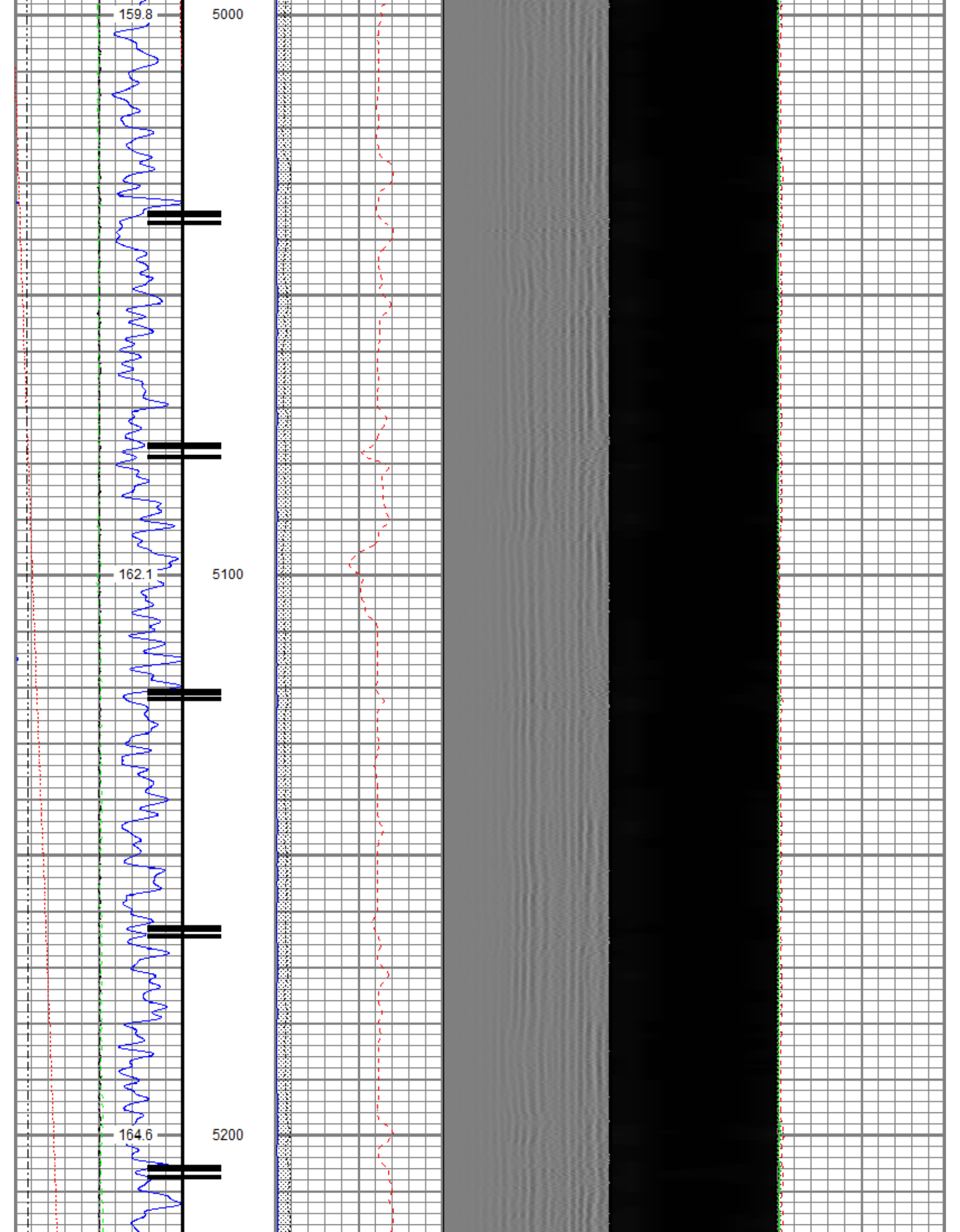


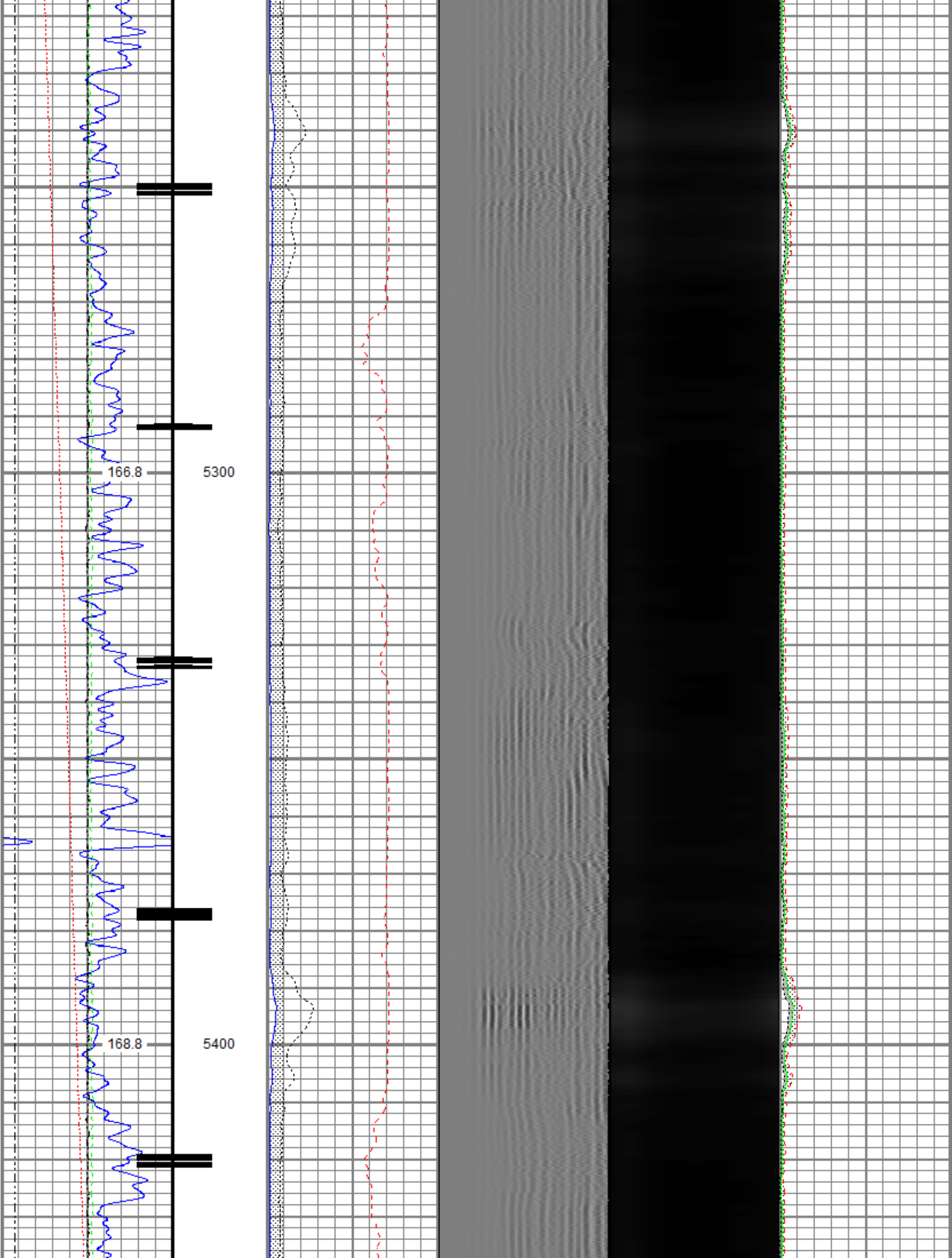


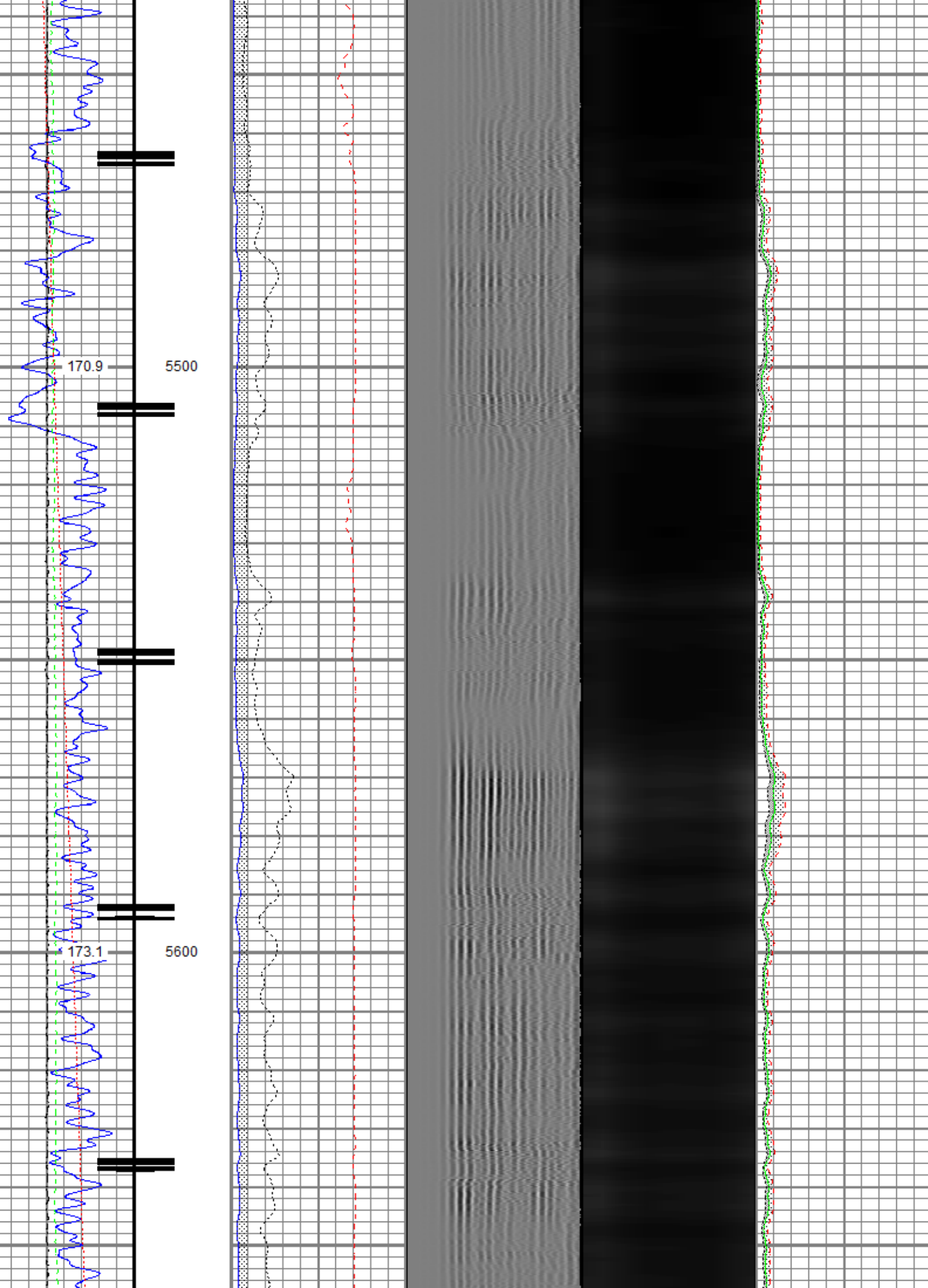


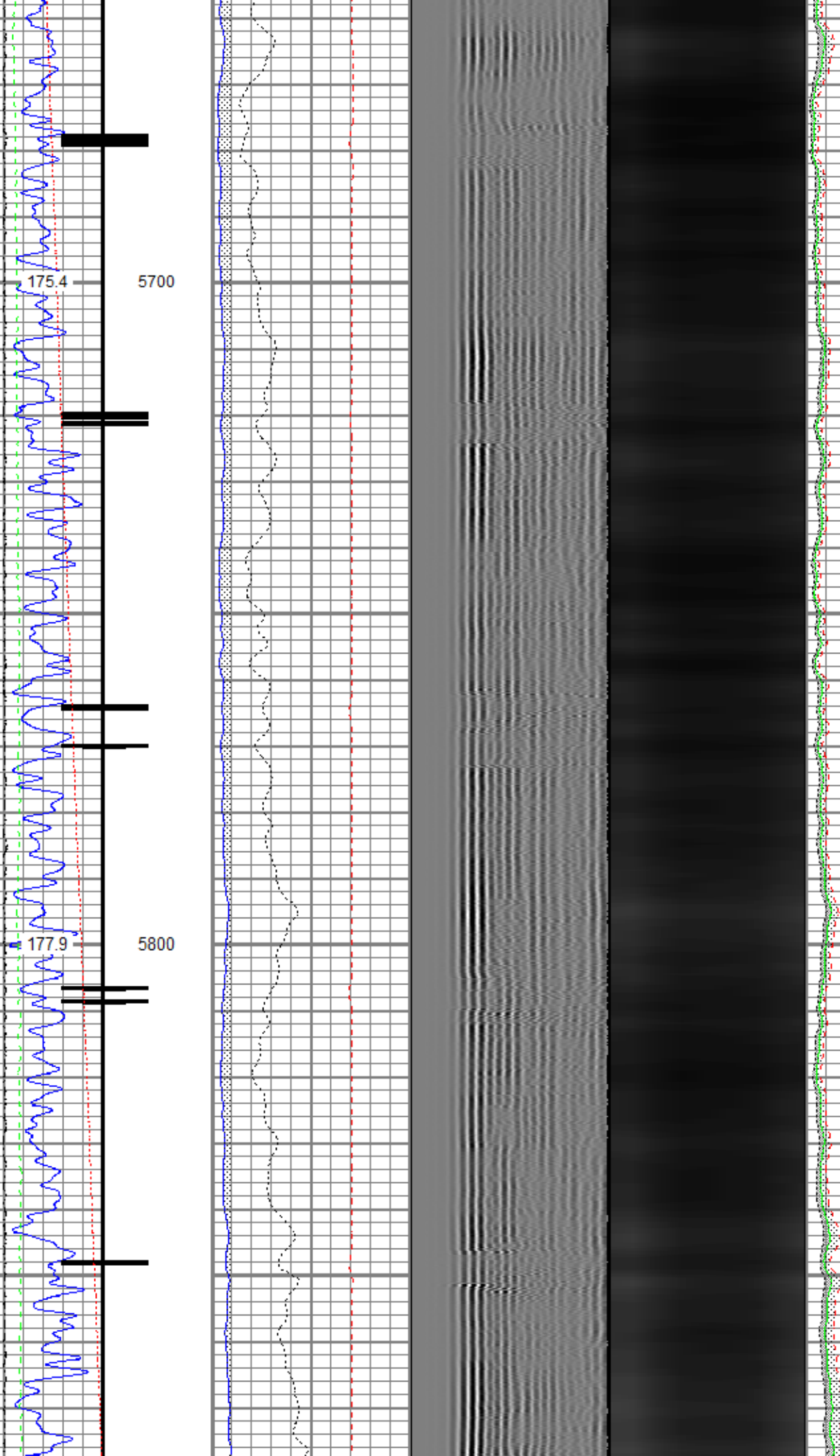


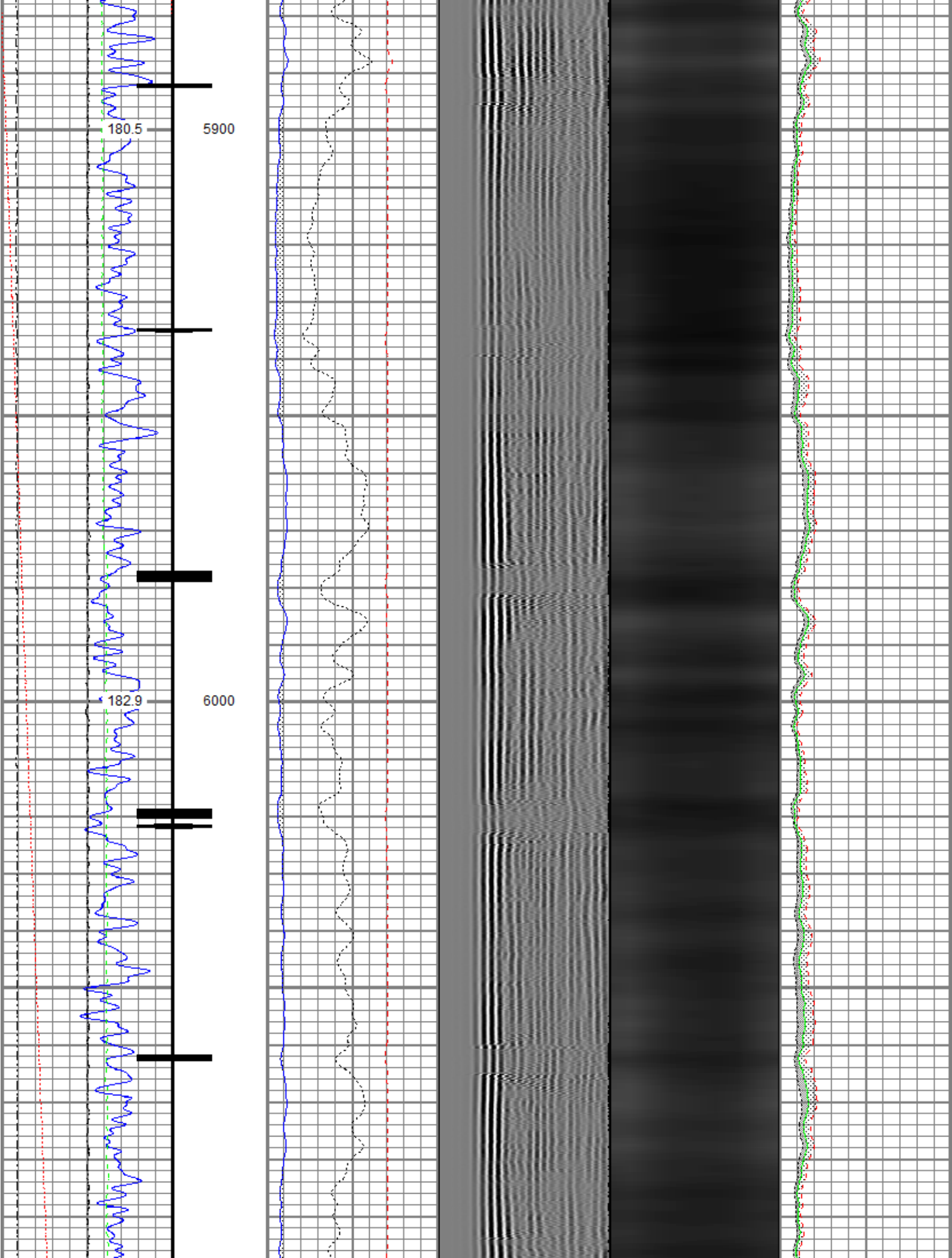


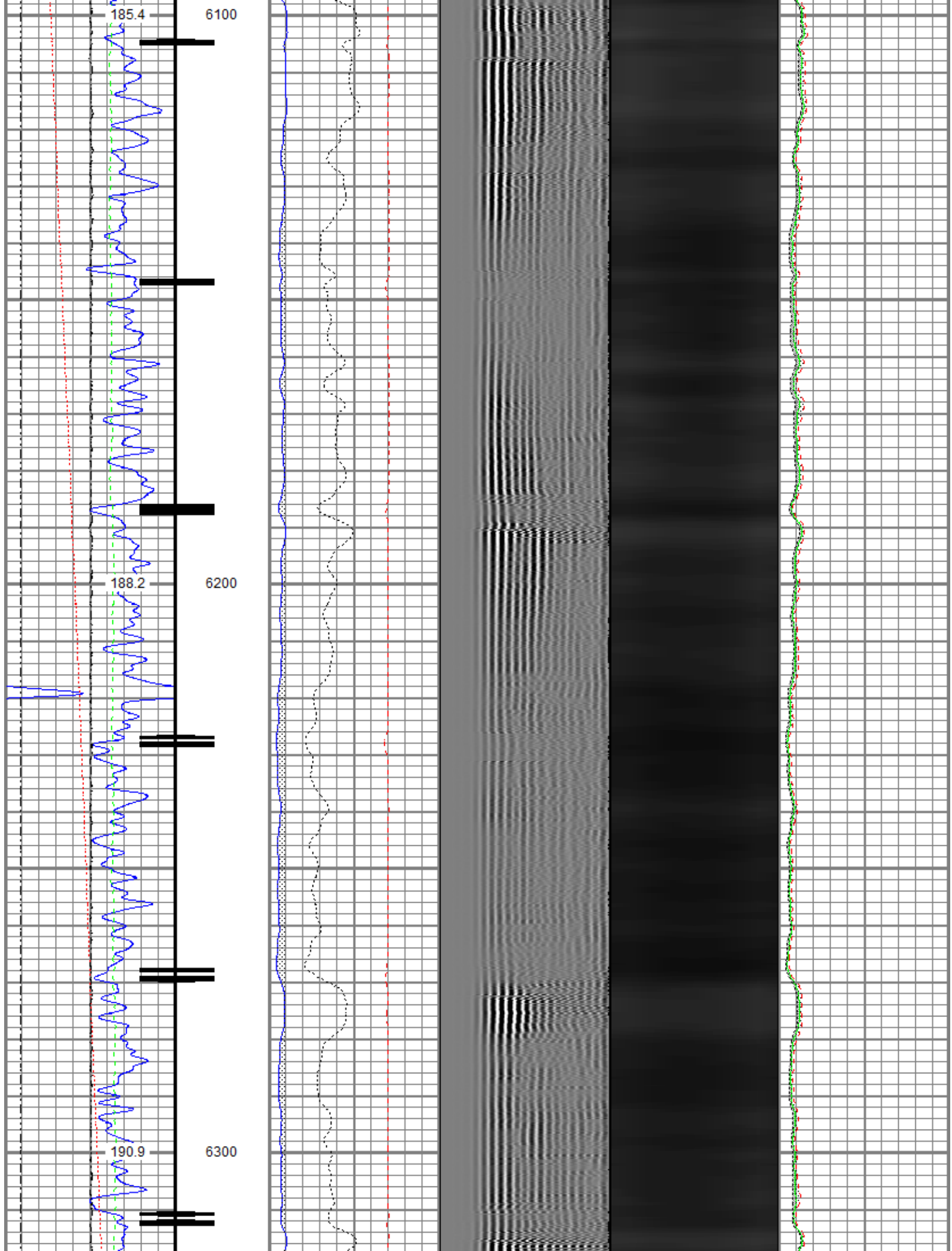


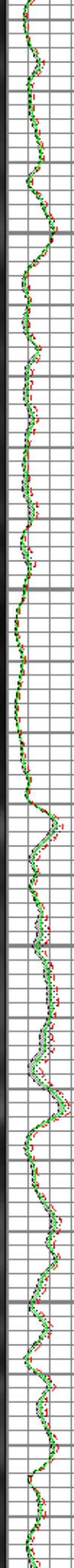
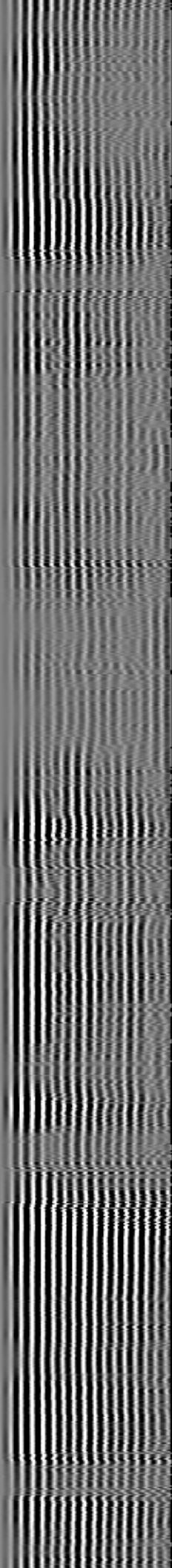
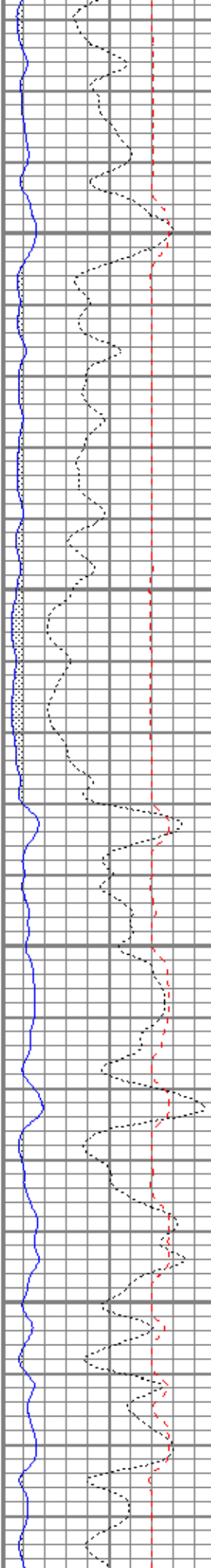
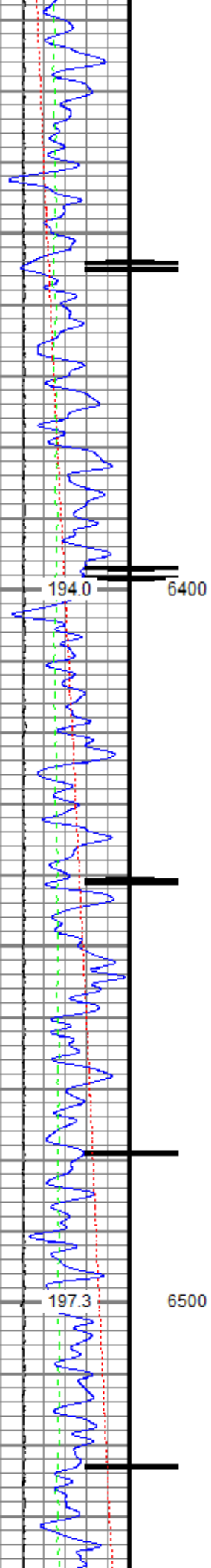


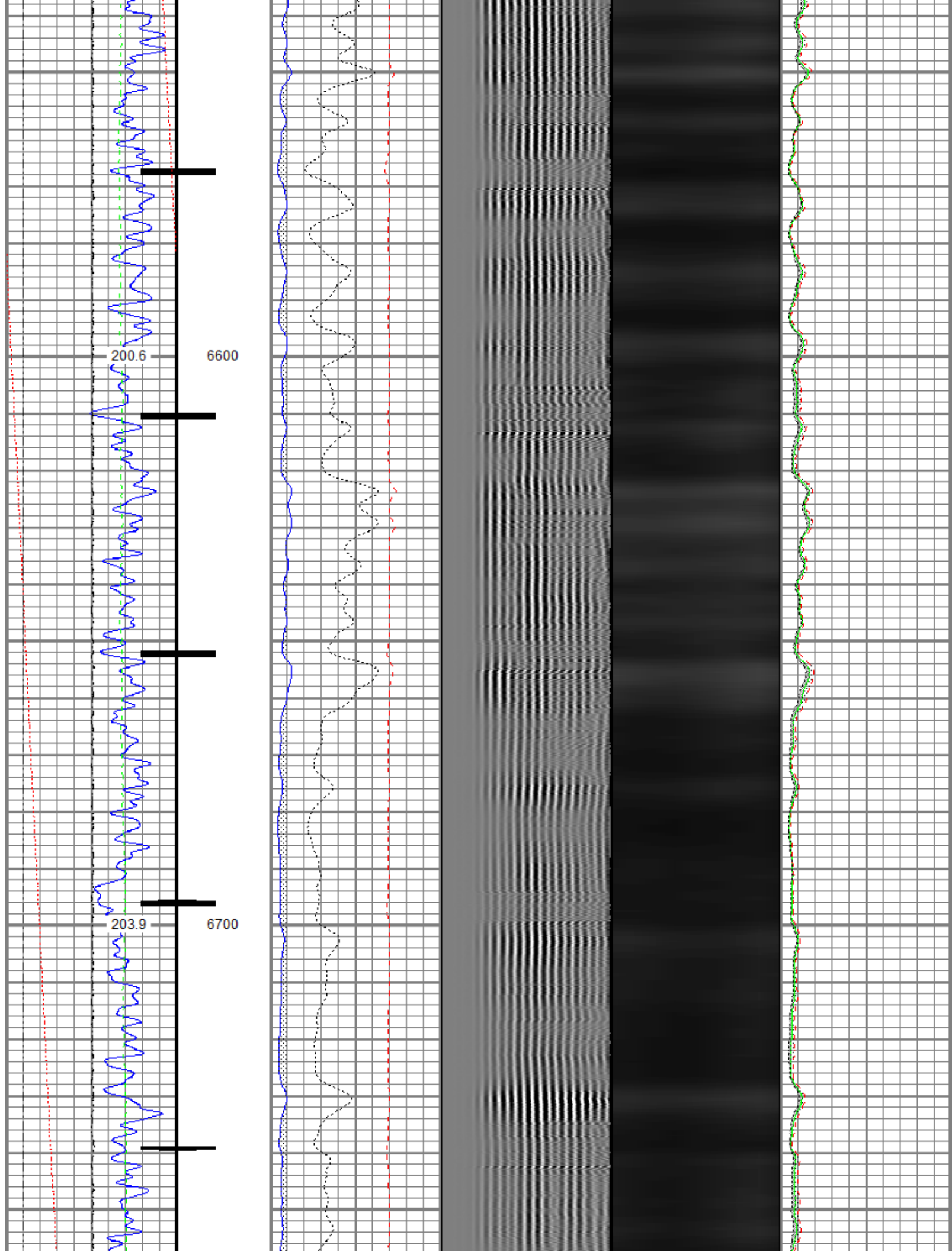


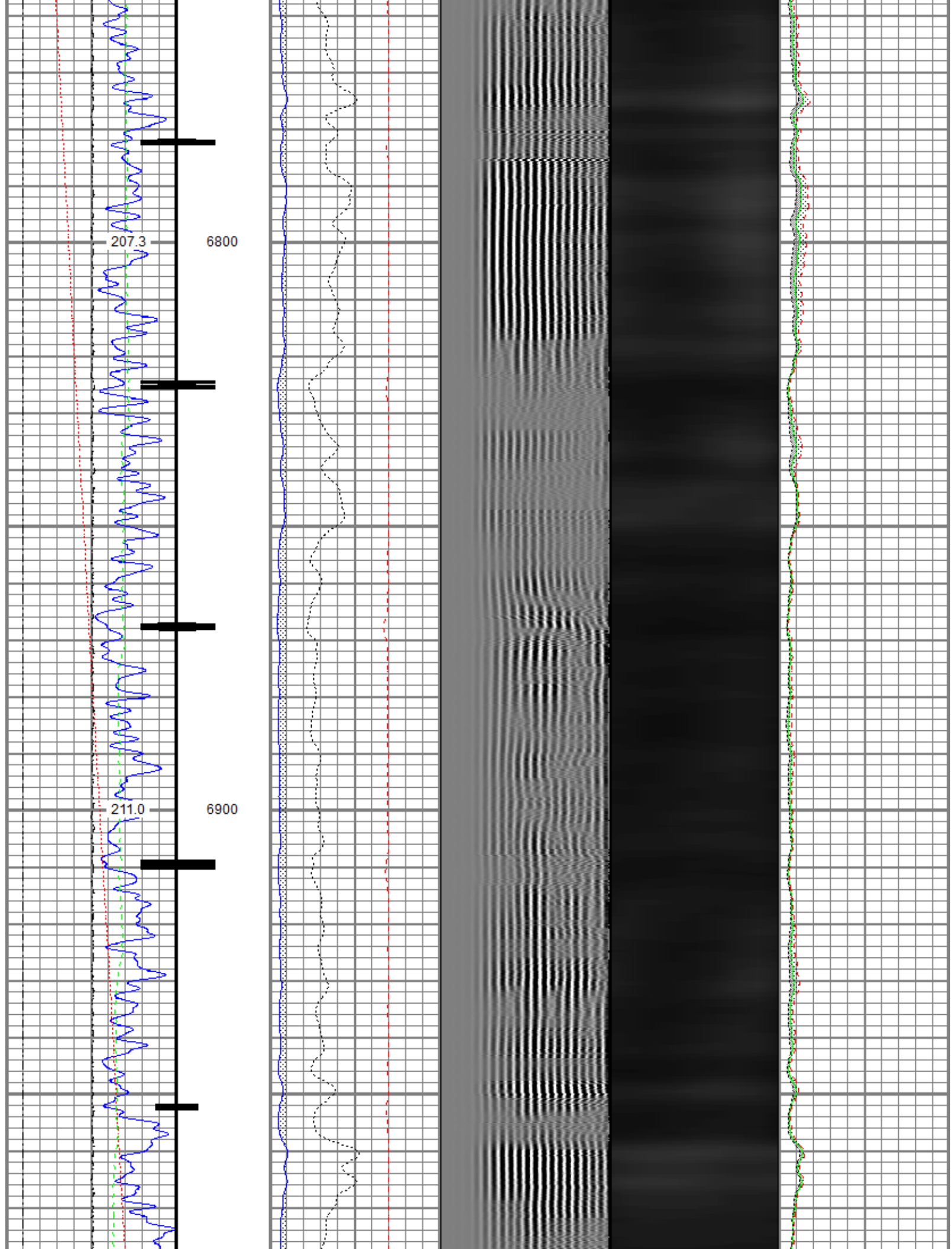


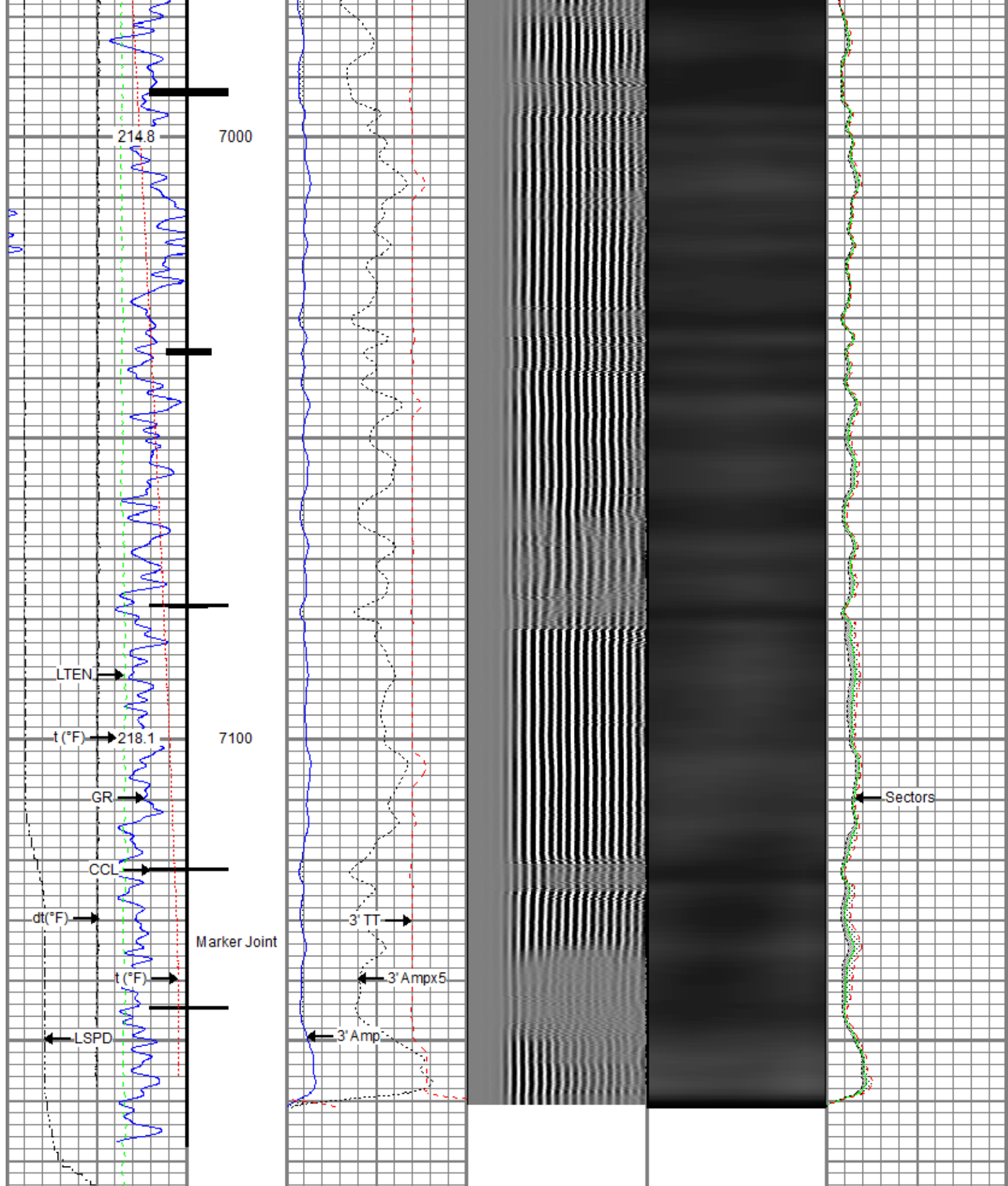












Gamma Ray (GAPI)	0	120
Casing Collar Locator	0	20
Temperature (degF)	0	20
Line Speed	0	150
3' Amplitude (mV)	0	20
3' Amplitude x 5'	0	20
3' Travel Time	0	150
5' Variable Density Log	0	1200
Sector Map	0	100
Average Amplitude	0	100
Minimum Amplitude	0	100
Maximum Amplitude	0	100

150	(ft/min)	150
0	Line Tension (lb)	2000
Differential Temperature		
-2	(degF)	2

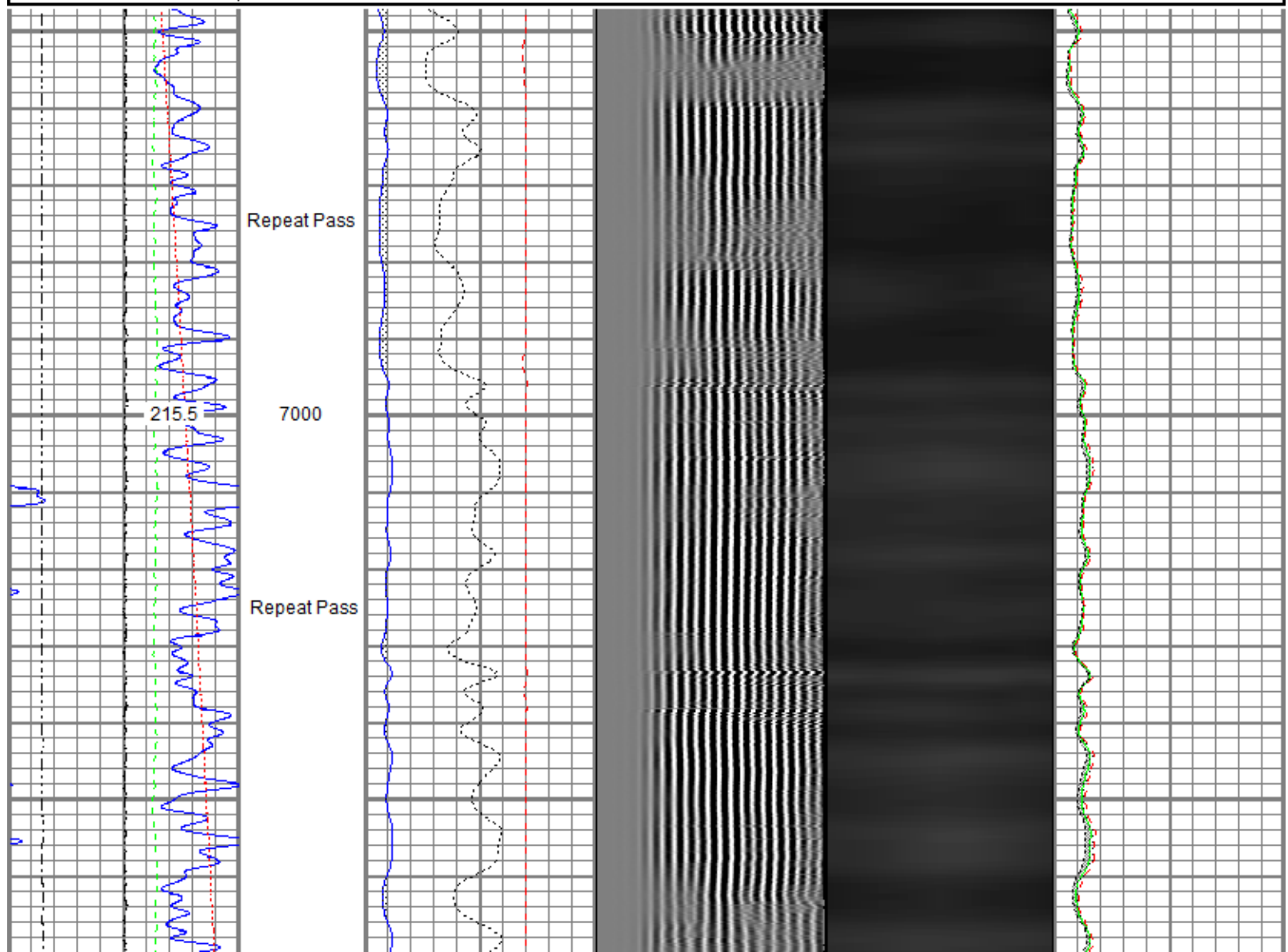


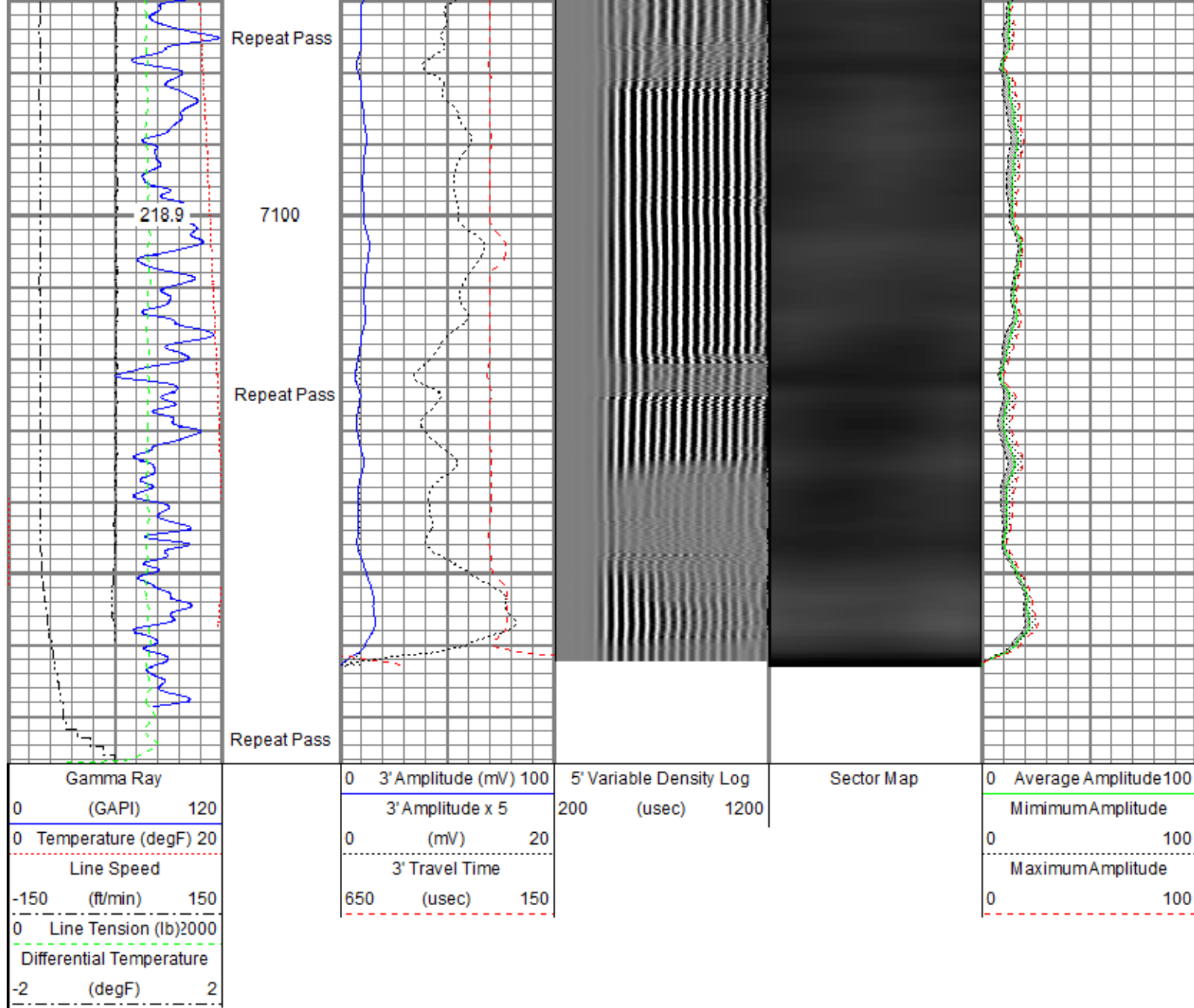
Repeat Pass

Recorded With 2800 PSI Surface Induced Pressure

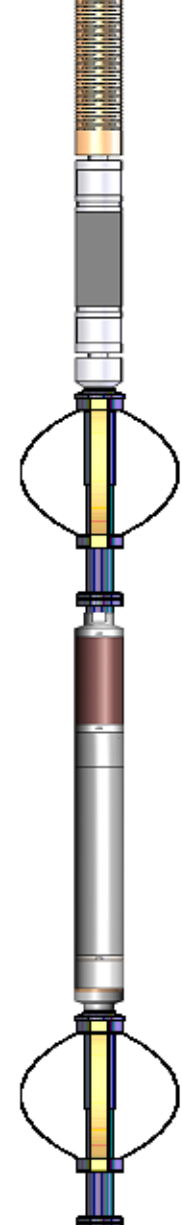
Database File anadarko\verde 13-18hz\0512346258_anadarko_verde 13-18hz_rbl_06-20-18_2800 psi.db
Dataset Pathname pass2.3
Presentation Format ros_radrii
Dataset Creation Thu Jun 21 12:08:11 2018
Charted by Depth in Feet scaled 1:240

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	
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	17.33		Titan CHD-14375 GO	1.03	1.44	3.60
			Titan 1-7/16" Assembled Electric Cable Head w/ 1" Fishing Neck			
			Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00

WVFS8	15.09		Probe Radii-2750 RBT (120855) Probe 2-3/4" Radial Cement Bond Tool with Integral Temperature Sub	9.39	2.75	105.00
WVFS7	15.09					
WVFS6	15.09					
WVFS5	15.09					
WVFS4	15.09					
WVFS3	15.09					
WVFS2	15.09					
WVFS1	15.09					
WVFCAL	15.09					
WVF3FT	15.09					
WVF5FT	14.09					
			Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
CCL\$2	7.08					
CCL\$1	7.08					
GR	5.75		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 ADPT-6P-GO Probe 2-3/4" 6-Pin Top to GO Bottom Adaptor Sub	0.28	2.75	2.00
			Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
Dataset: 0512346258_Anadarko_Verde 13-18HZ_RBL_06-20-18_2800 PSI.db: field/well/run1/pass4.1 Total length: 24.15 ft Total weight: 225.60 lb O.D.: 2.75 in						

Calibration Report		
Database File	C:\ProgramData\Warrior\Data\Anadarko\Verde 13-18HZ\0512346258_Anadarko_Verde 13-18HZ_RBL_06-20-18_2800 PSI.db	
Dataset Pathname	pass4.1	
Dataset Creation	Wed Jun 20 12:14:02 2018	
Gamma Ray Calibration Report		
Serial Number:	101001	
Tool Model:	2750 6PB	
Performed:	Mon Jun 18 10:09:36 2018	
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:
Calibration Depth:

5.500
20.784

in
ft

Master Calibration, performed Wed Jun 20 08:47:27 2018:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.007	0.699	0.800	71.921	102.763	0.070
CAL	0.007	0.703				
5'	0.007	0.660	0.800	71.921	108.902	0.057
SUM						
S1	0.007	0.698	0.000	100.000	144.615	-0.997
S2	0.007	0.707	0.000	100.000	142.785	-1.002
S3	0.007	0.700	0.000	100.000	144.281	-1.032
S4	0.007	0.697	0.000	100.000	144.909	-1.001
S5	0.007	0.695	0.000	100.000	145.256	-0.959
S6	0.007	0.694	0.000	100.000	145.599	-1.020
S7	0.007	0.696	0.000	100.000	145.176	-0.973
S8	0.007	0.692	0.000	100.000	146.022	-1.034

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.007	0.703	1.000	0.000

Air Zero Calibration, performed Wed Jun 20 08:47:52 2018:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.007		0.000		0.000	
5'	0.007		0.000		-0.000	
SUM						
S1	0.007		0.000		0.000	
S2	0.007		0.000		0.000	
S3	0.007		0.000		0.001	
S4	0.007		0.000		0.000	
S5	0.007		0.000		0.000	
S6	0.007		0.000		0.000	
S7	0.007		0.000		0.000	
S8	0.007		0.000		0.000	

Temperature Calibration Report

Serial Number: 120855
Tool Model: 2750 RBT
Performed: Mon Jun 18 10:05:52 2018

	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: Verde 13-18HZ

