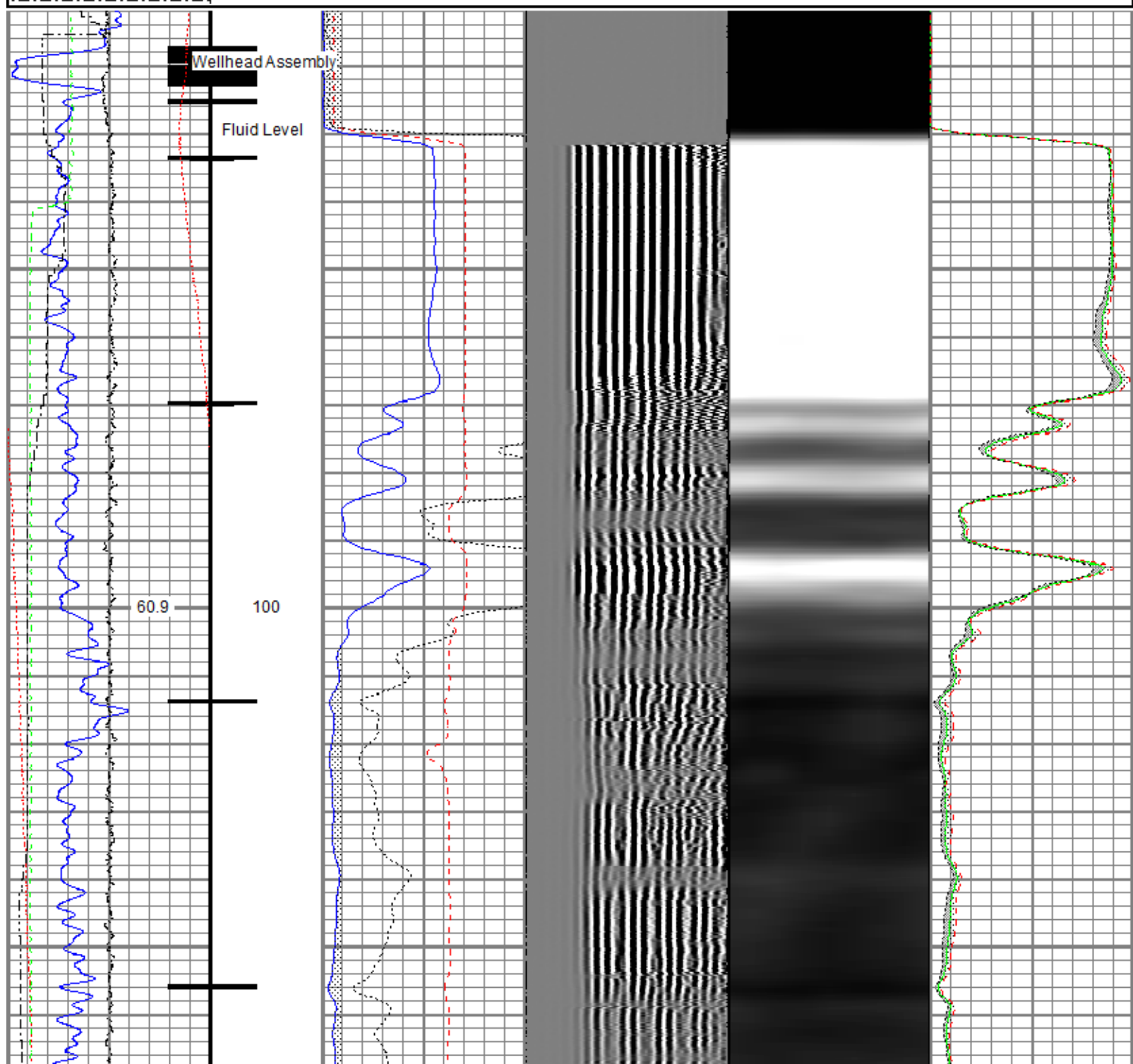


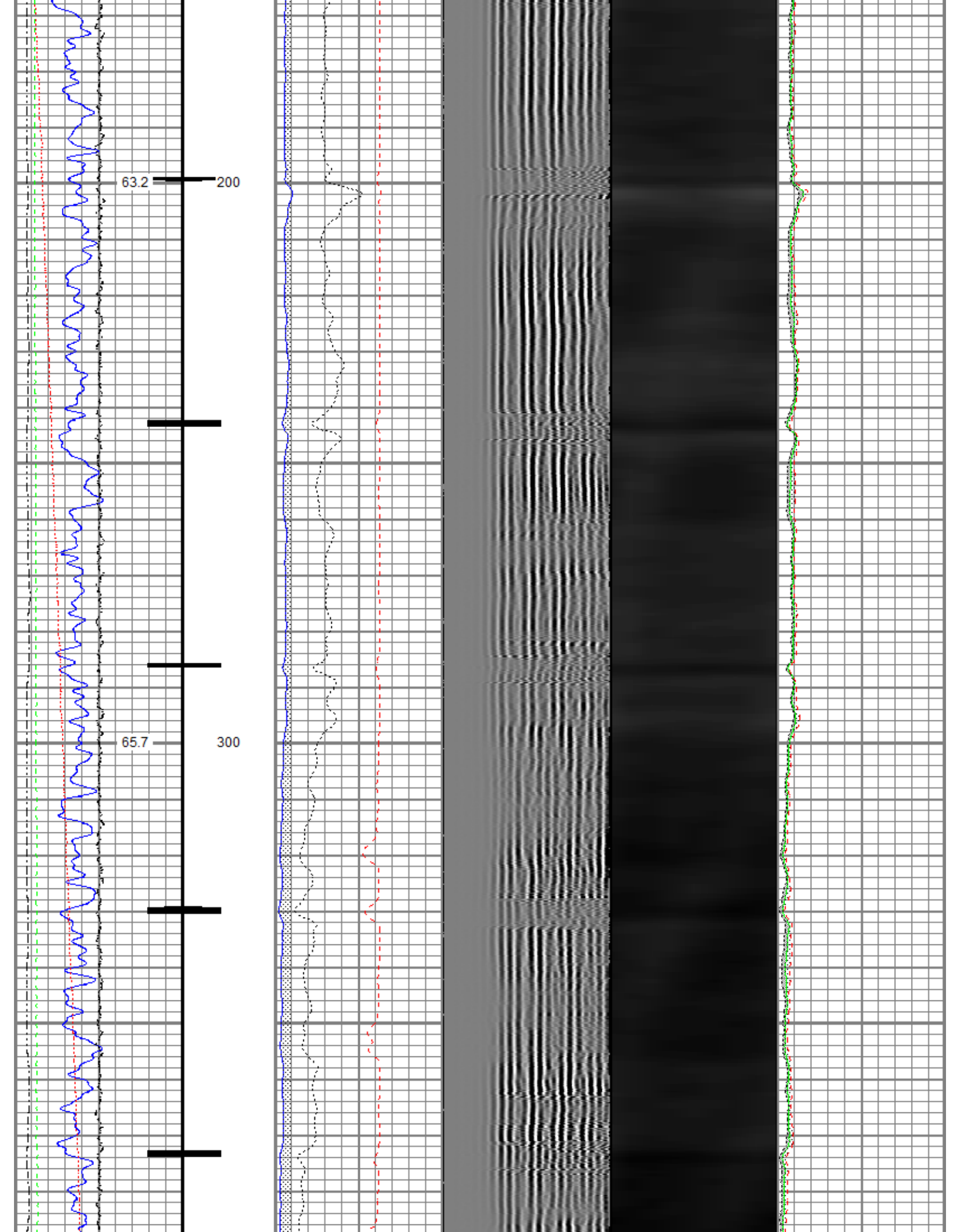


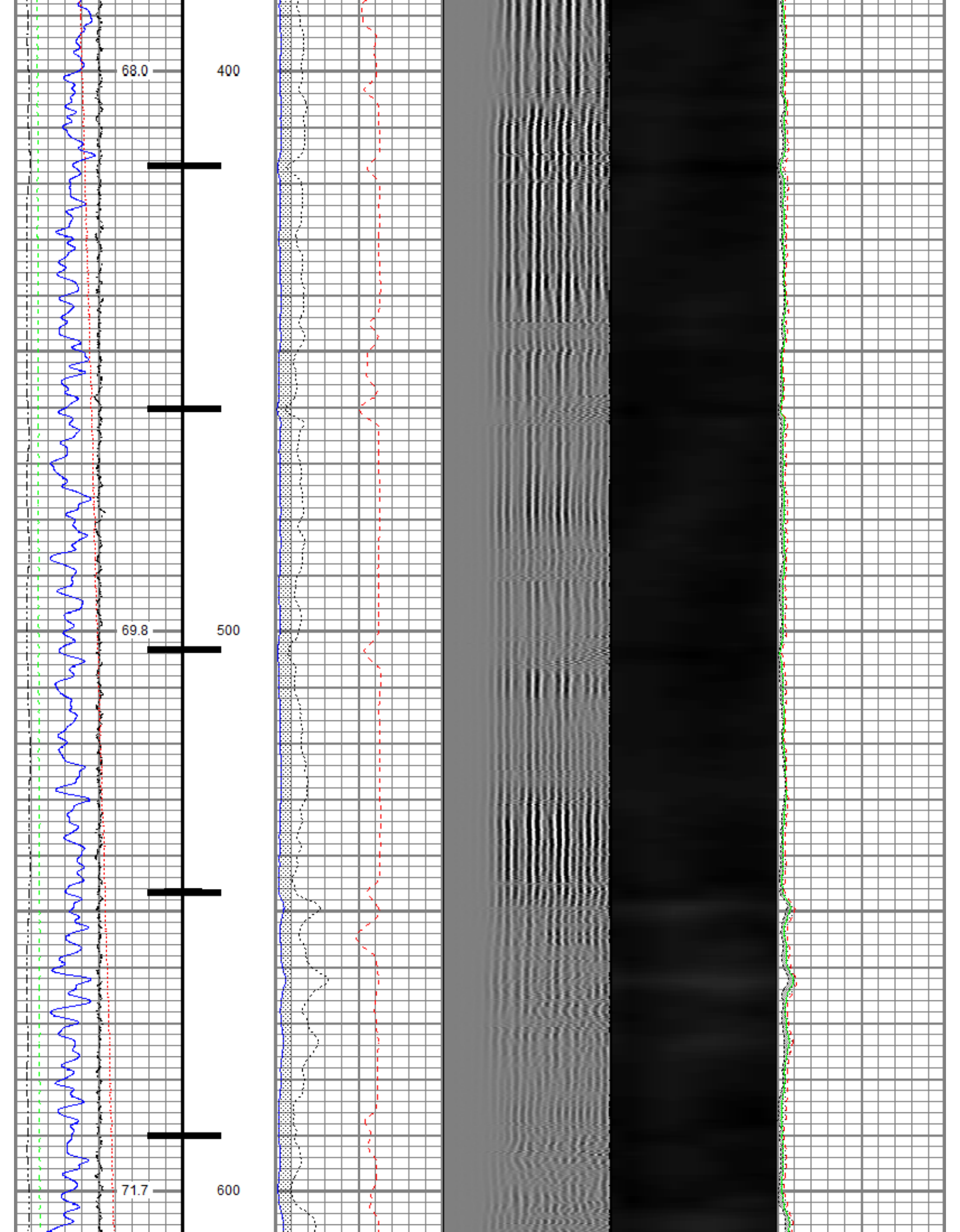
<<< Fold Here >>>
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible 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
<p>Log ran as per customer request Depth referenced to Casing Tally reported Liner Top at 6755.5 FT Adjusted +3 FT to correlate with Liner Top Log ran with 0 PSI Surface Induced Pressure Logging tools were clean and free of debris upon completion of operations</p> <p>Thank you for choosing Reliance Oilfield Services, LLC!!</p>

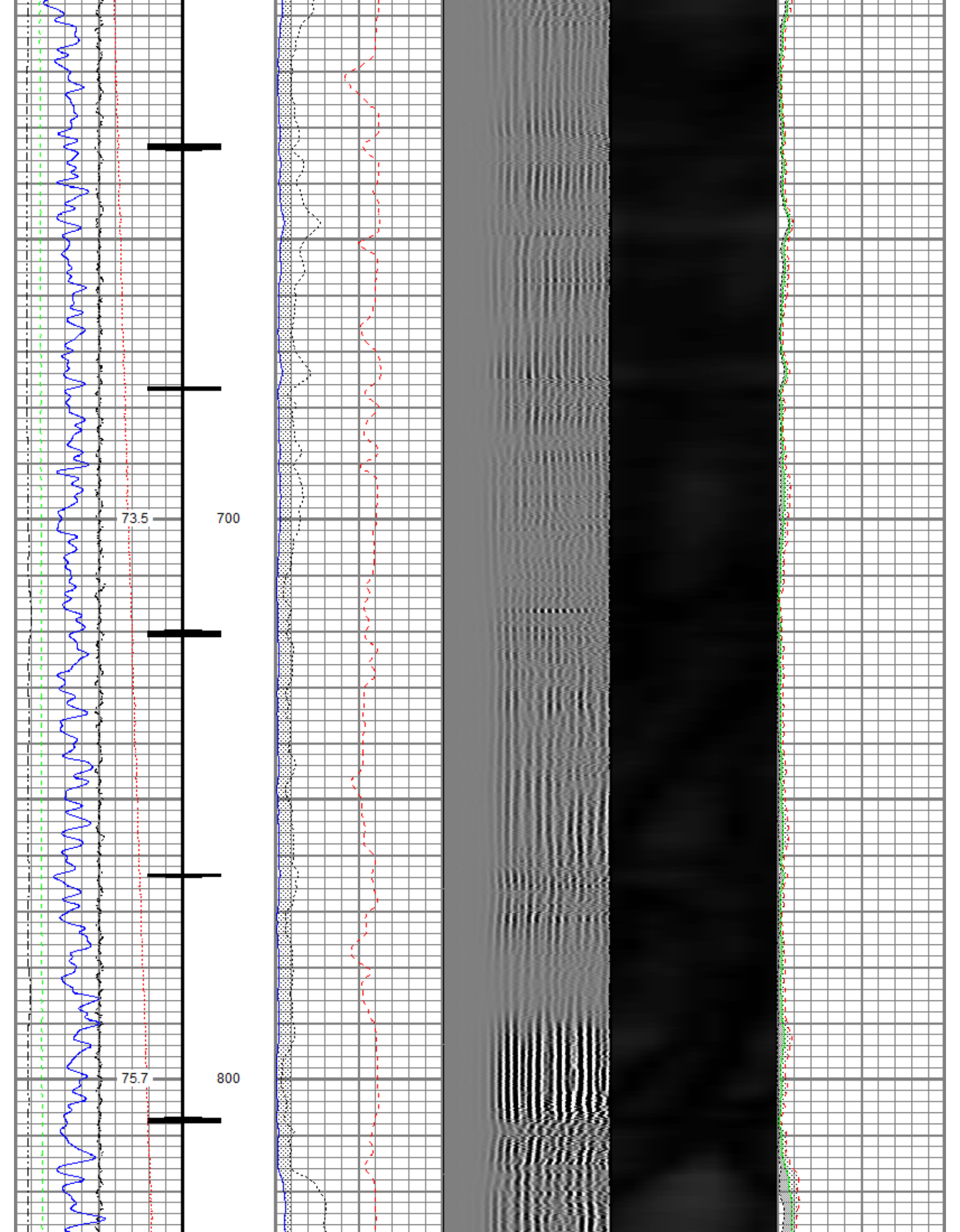
Database File highpoint_wetco 4-63-5-5649c_rbl_04-03-19\highpoint_wetco 4-63-5-5649c_rbl_04-03-19.db
 Dataset Pathname pass4.24
 Presentation Format ros_radrii
 Dataset Creation Thu Apr 04 21:01:07 2019
 Charted by Depth in Feet scaled 1:240

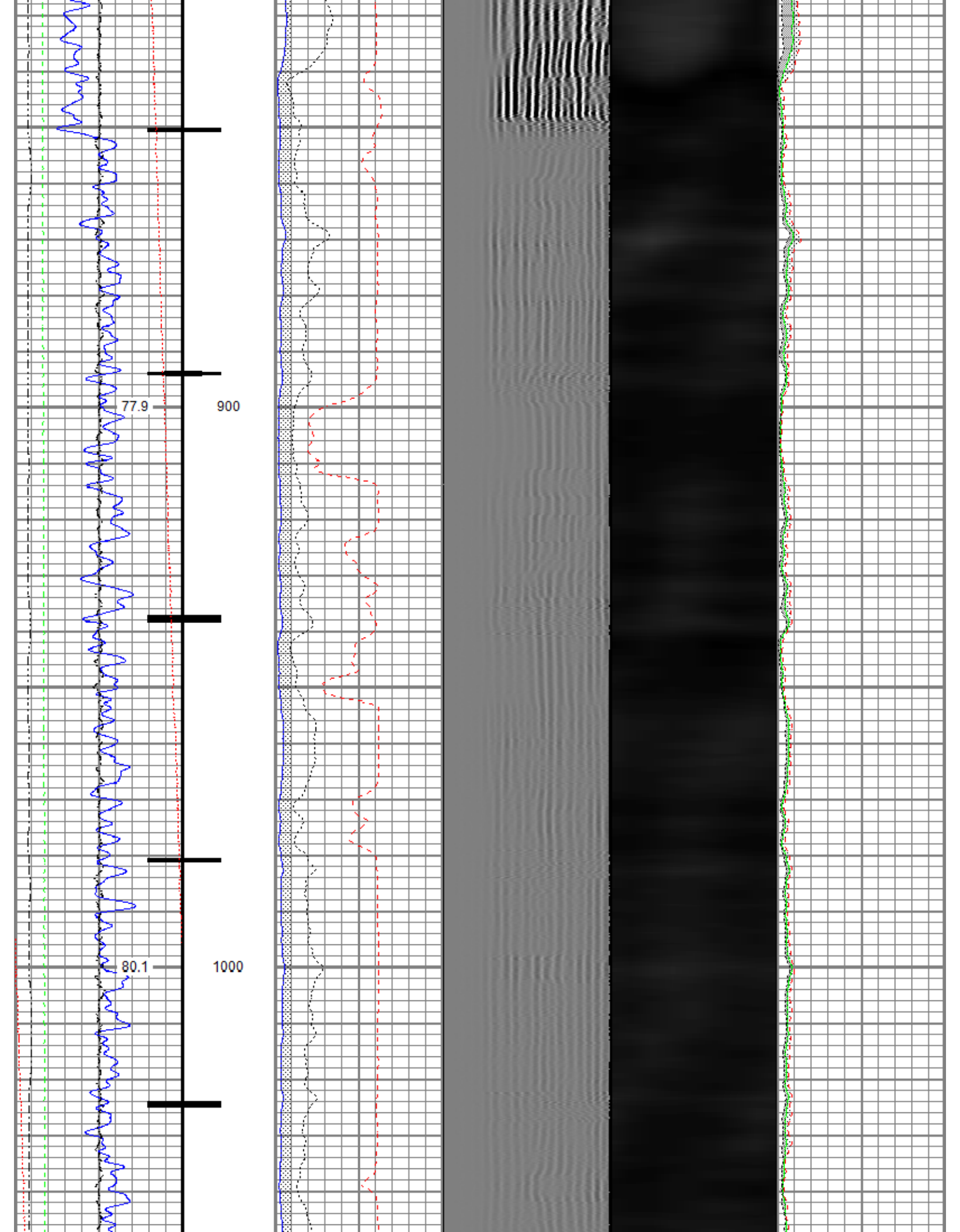
Gamma Ray	0	3' Amplitude (mV) 100	5' Variable Density Log	Sector Map	0	Average Amplitude 100
(GAPI) 120		3' Amplitude x 5	200 (usec) 1200			Minimum Amplitude
Casing Collar Locator	0	(mV) 20			0	100
Temperature (degF) 20		3' Travel Time				Maximum Amplitude
Line Speed	650	(usec) 150			0	100
-150 (ft/min)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

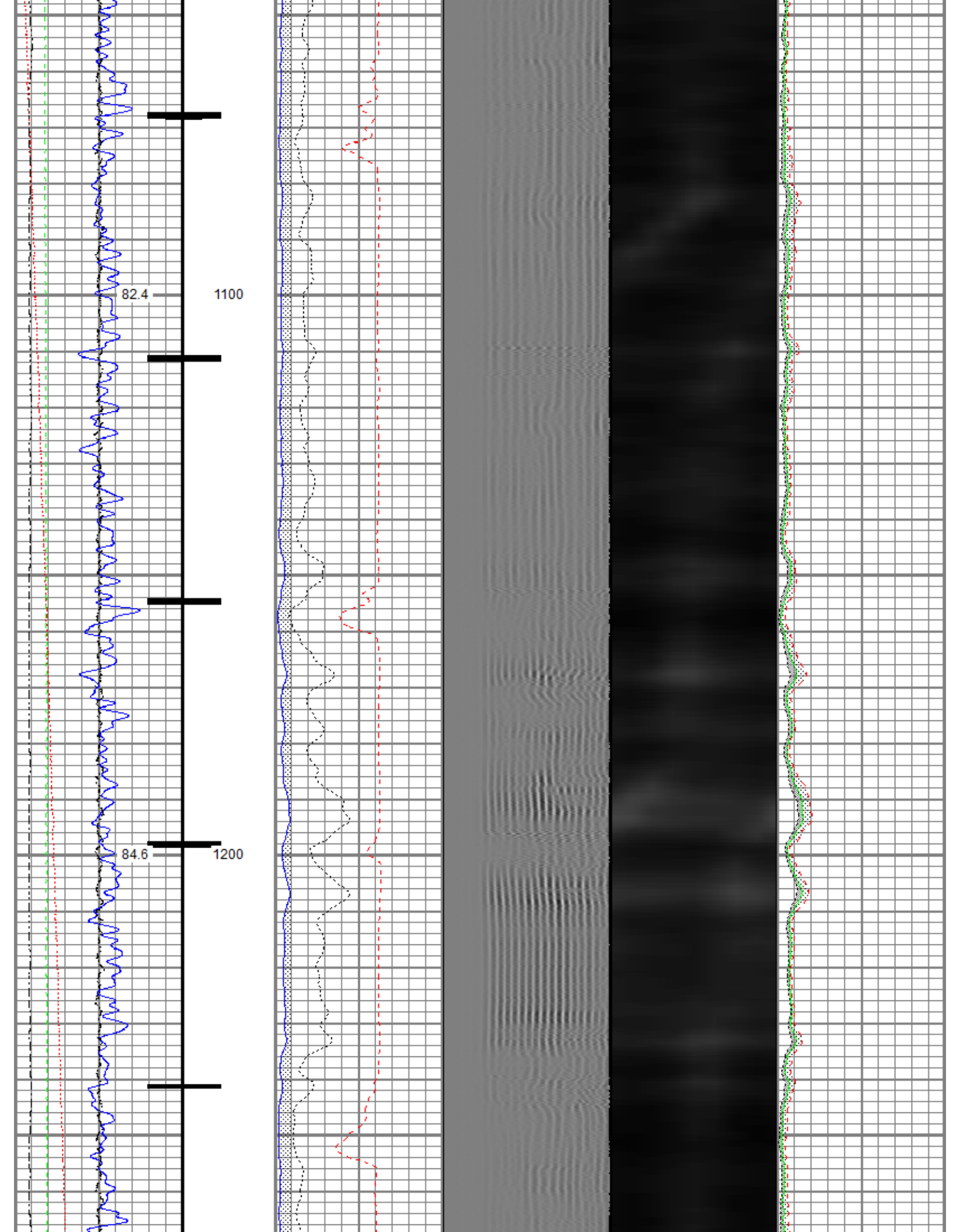


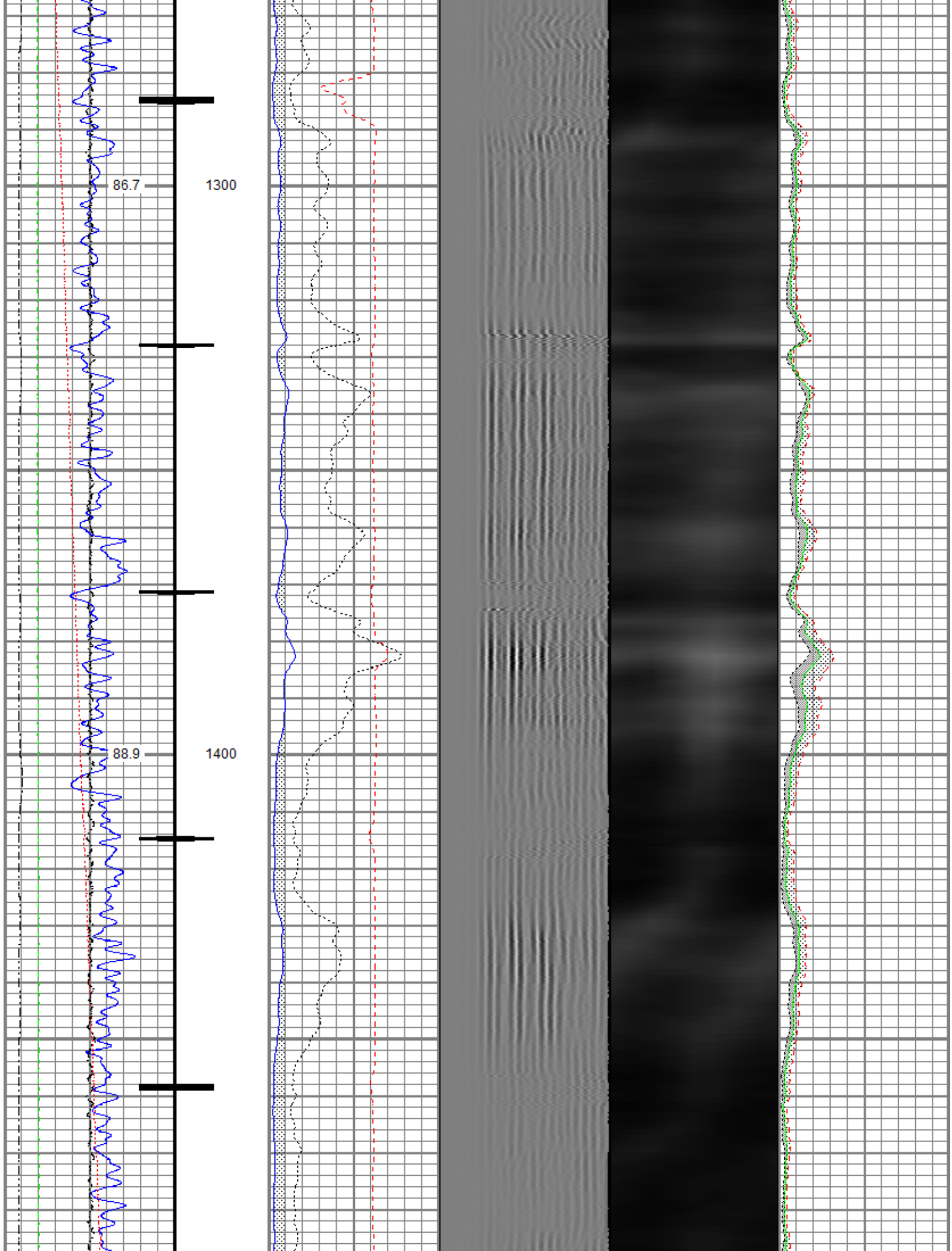


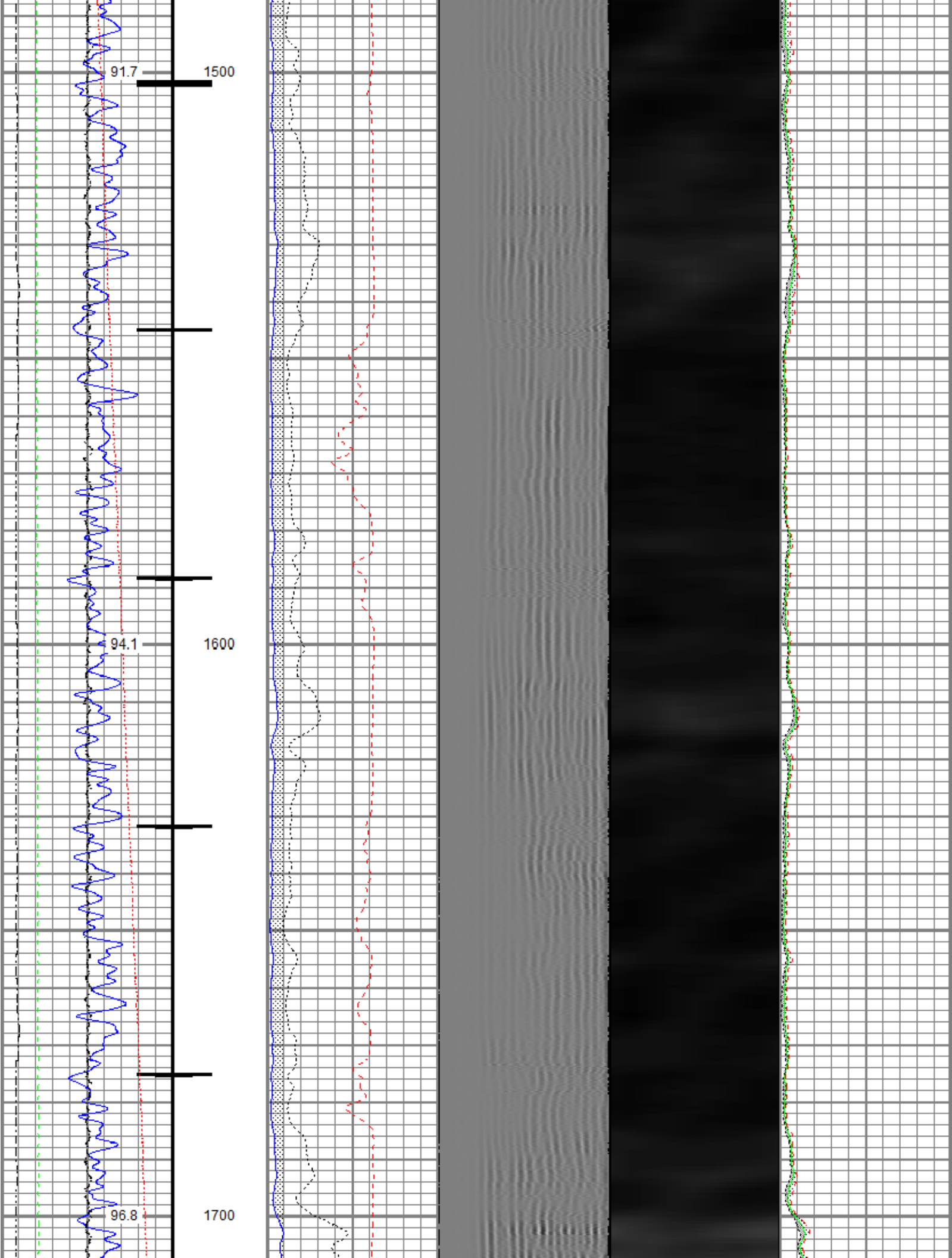


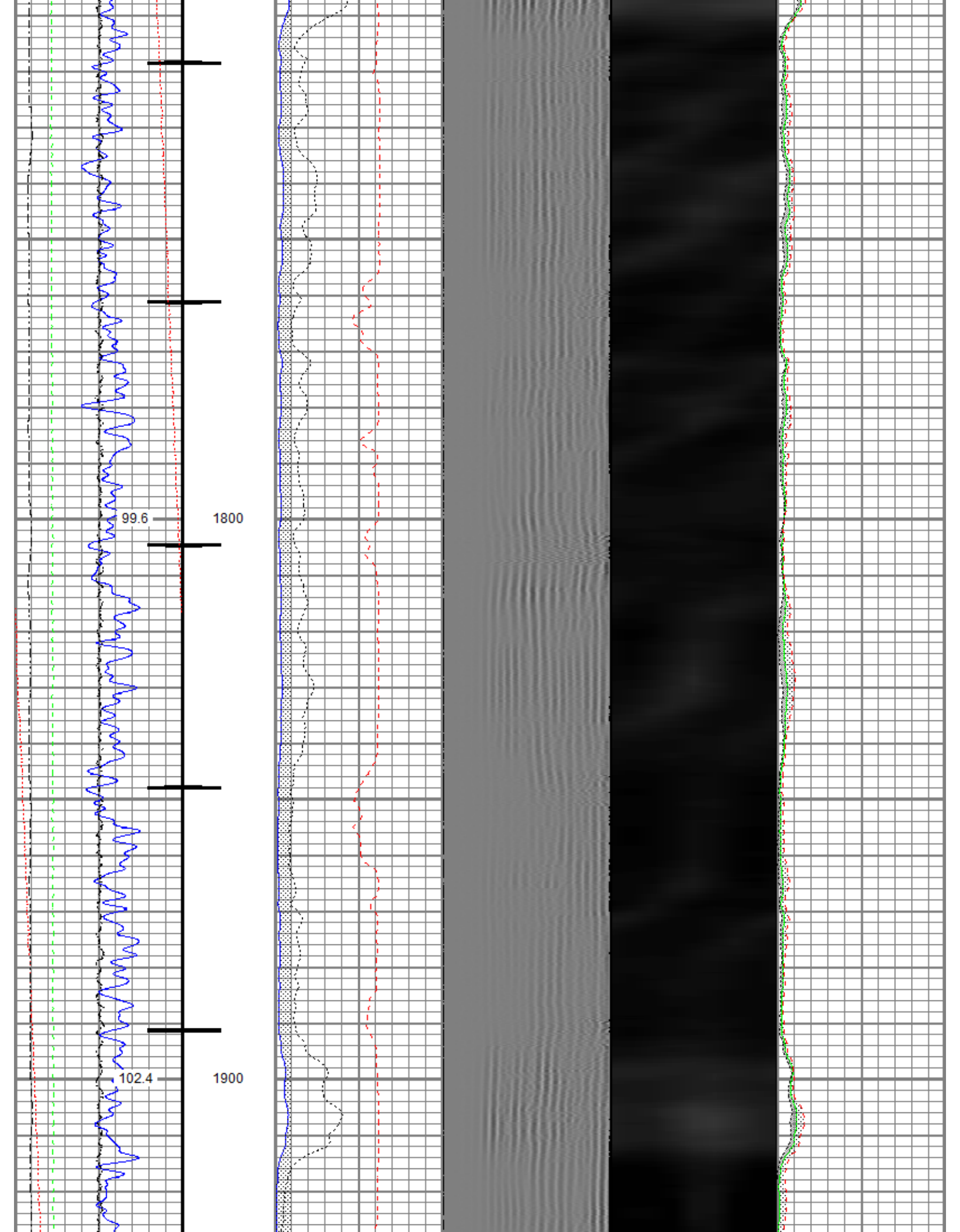


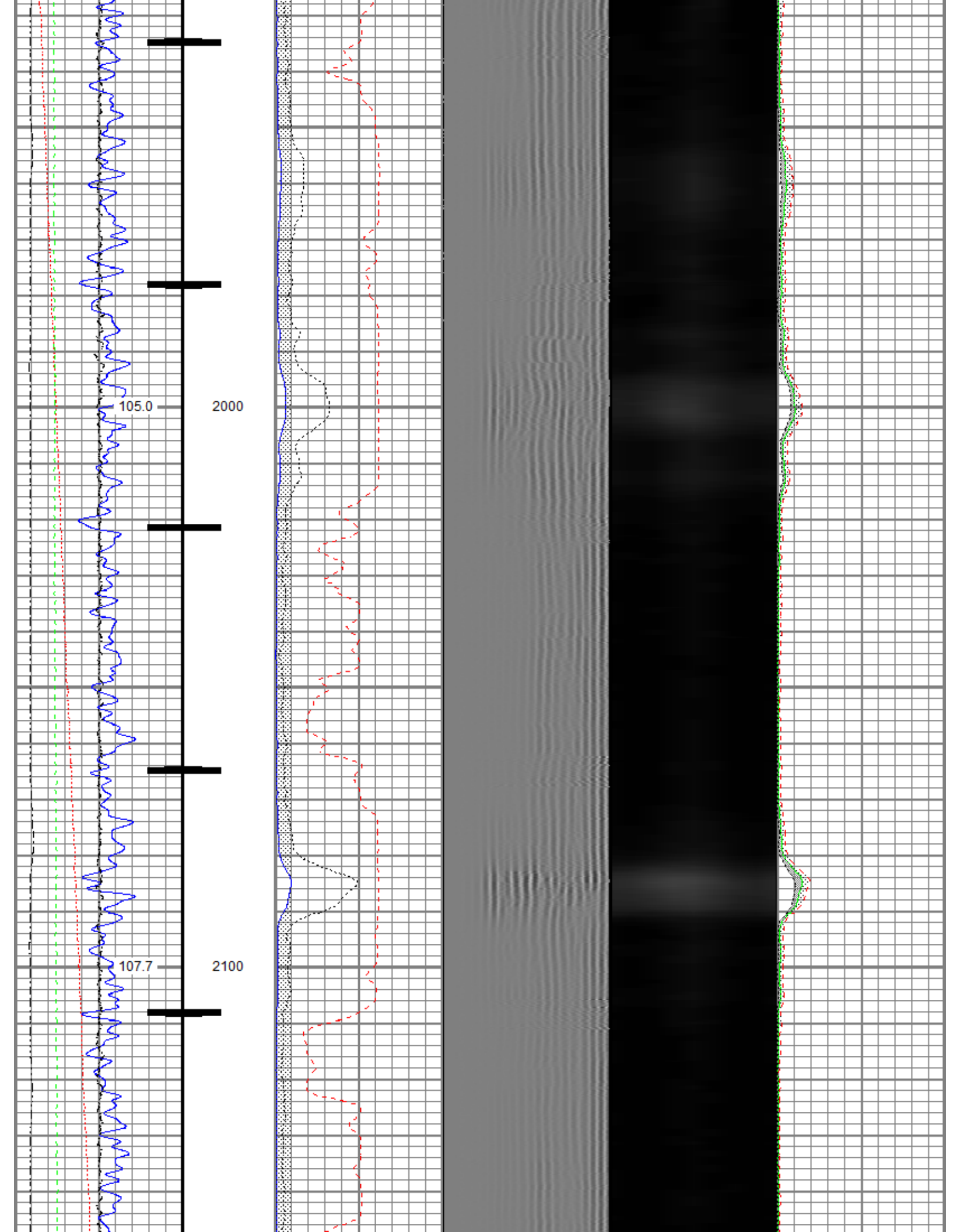


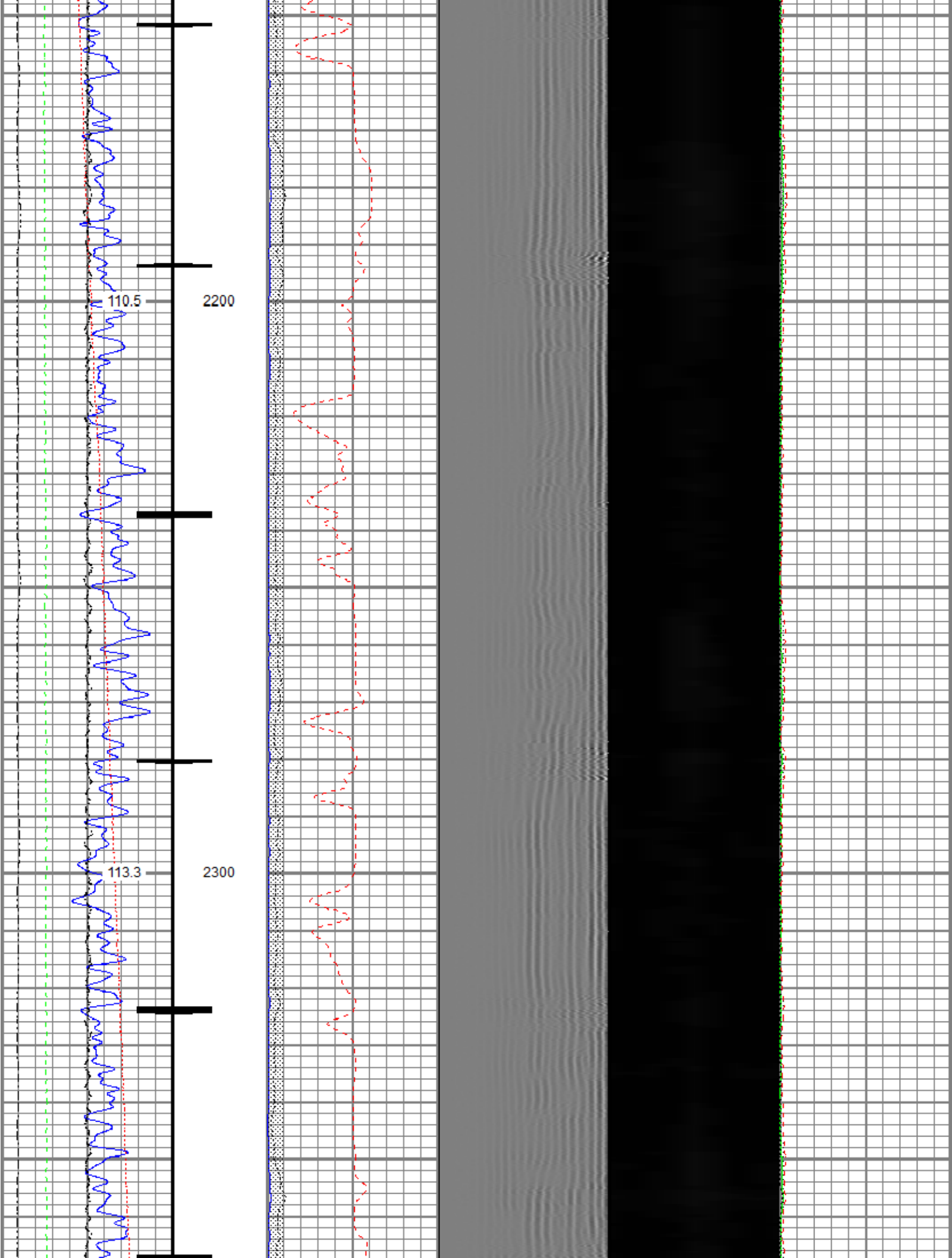


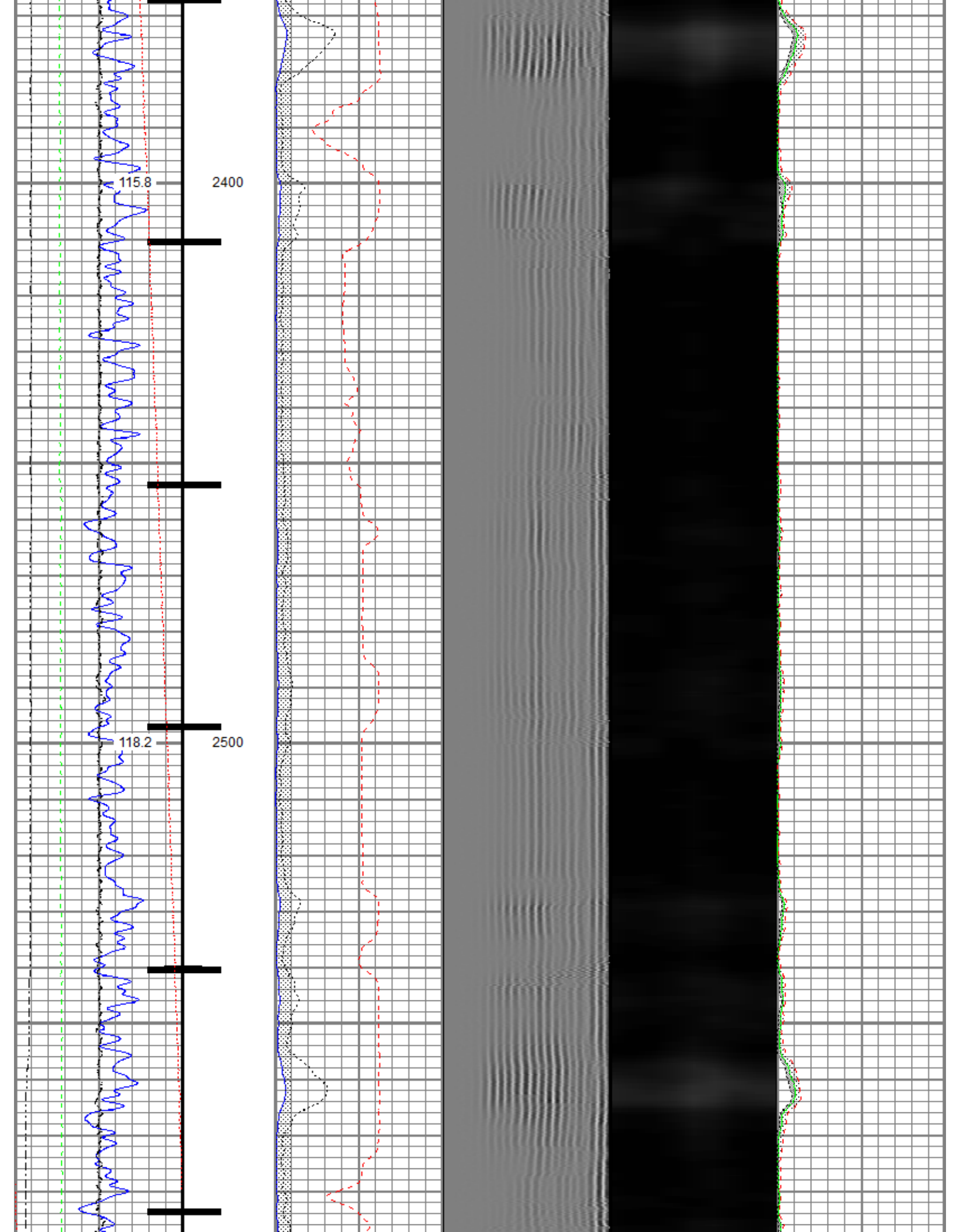


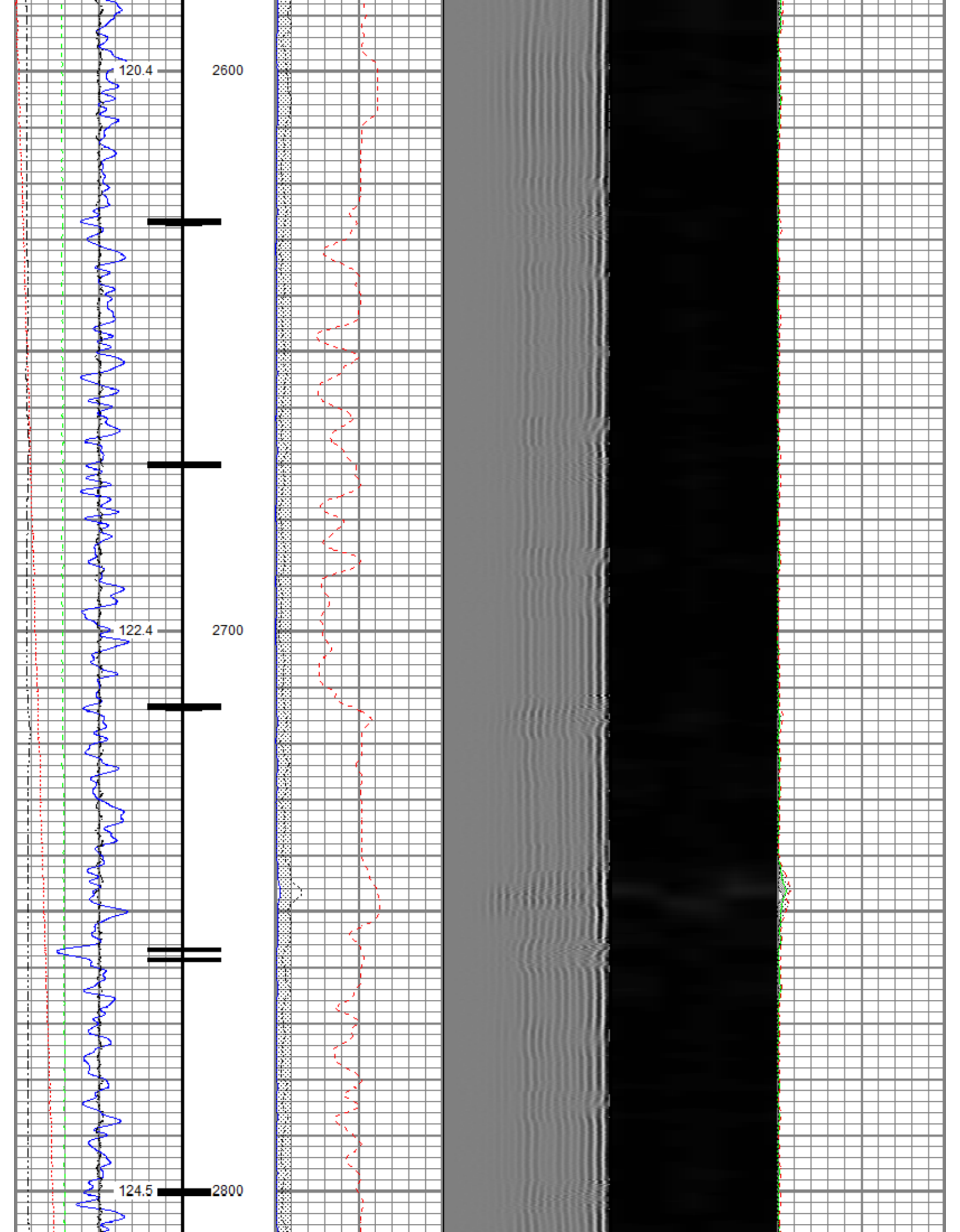


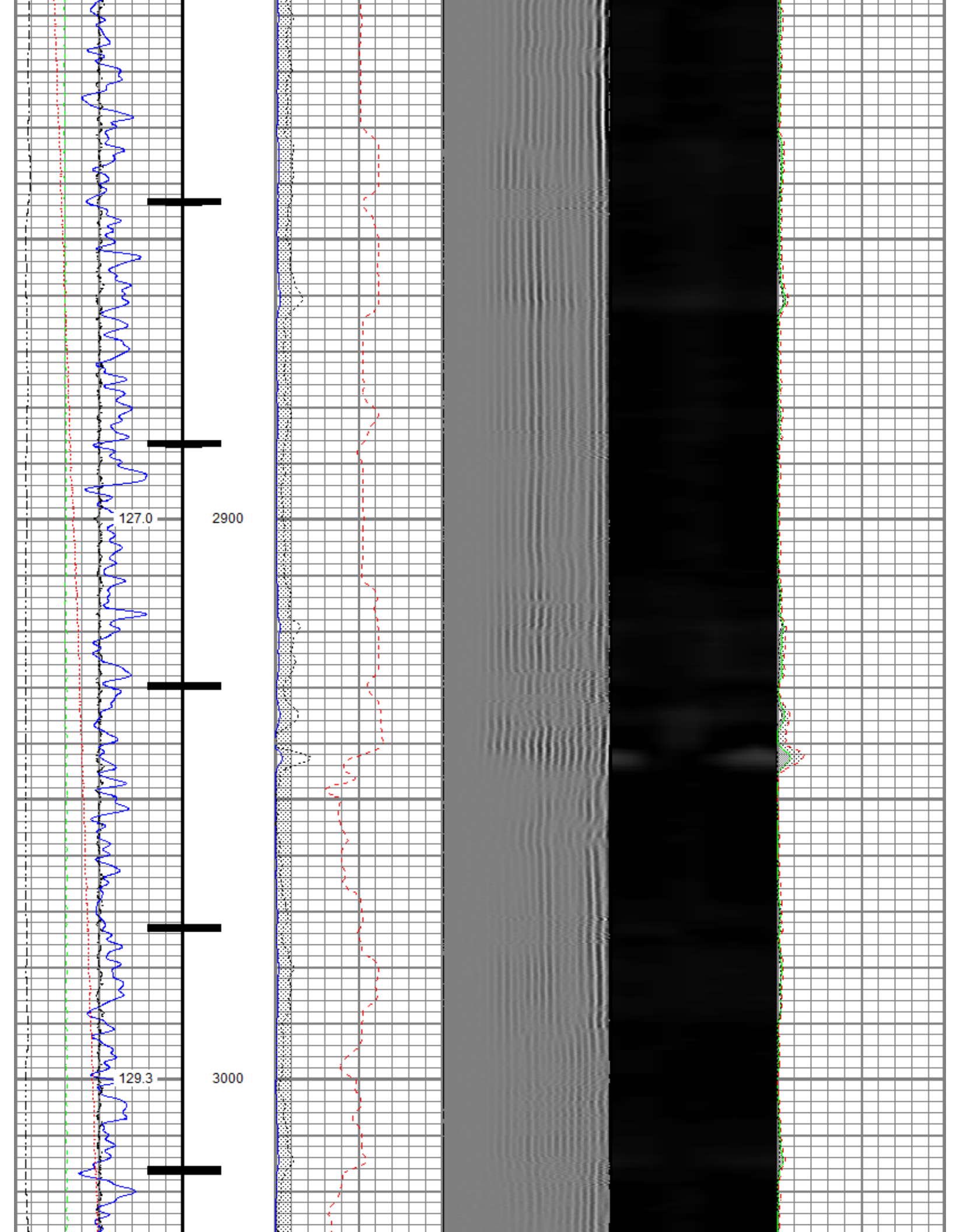


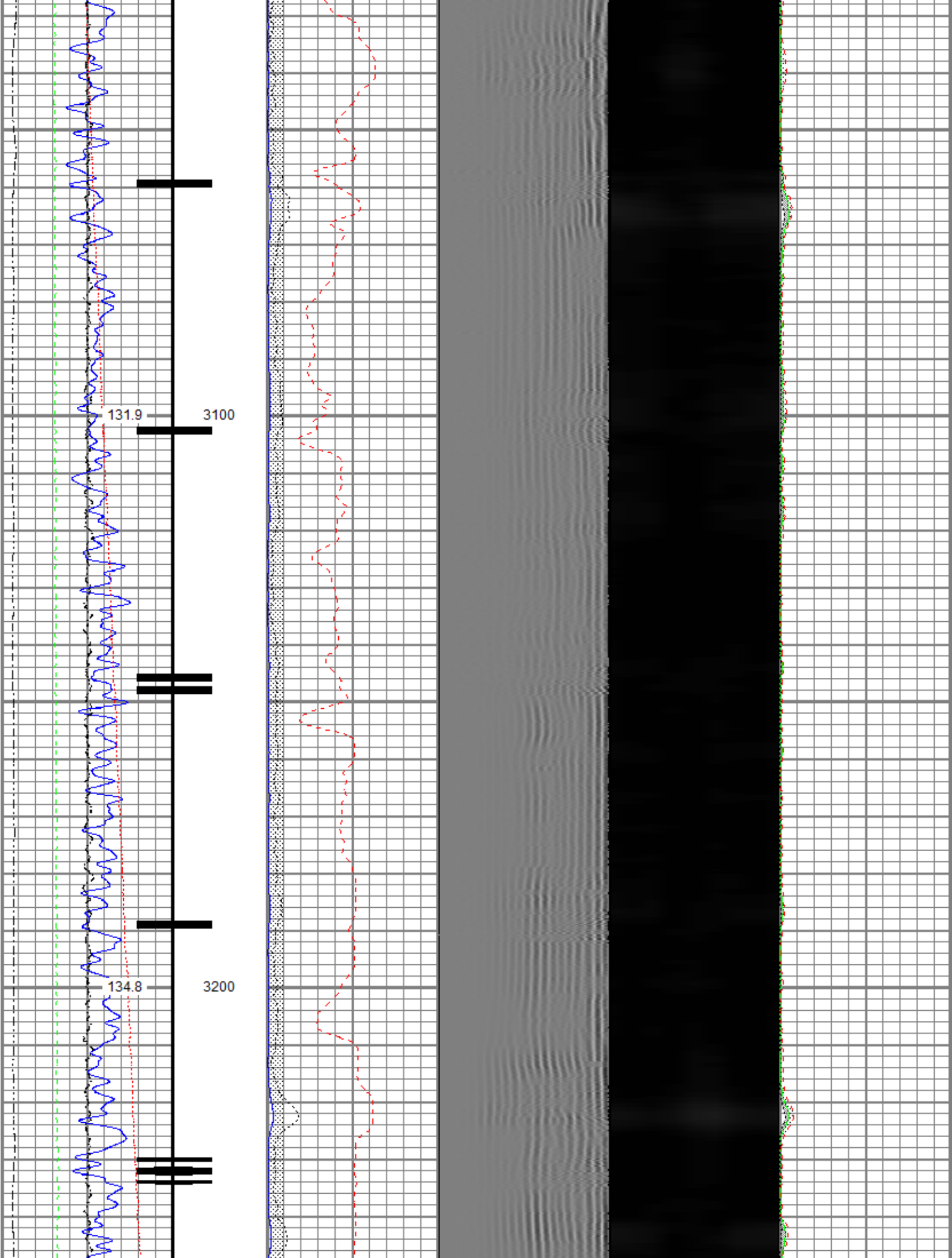


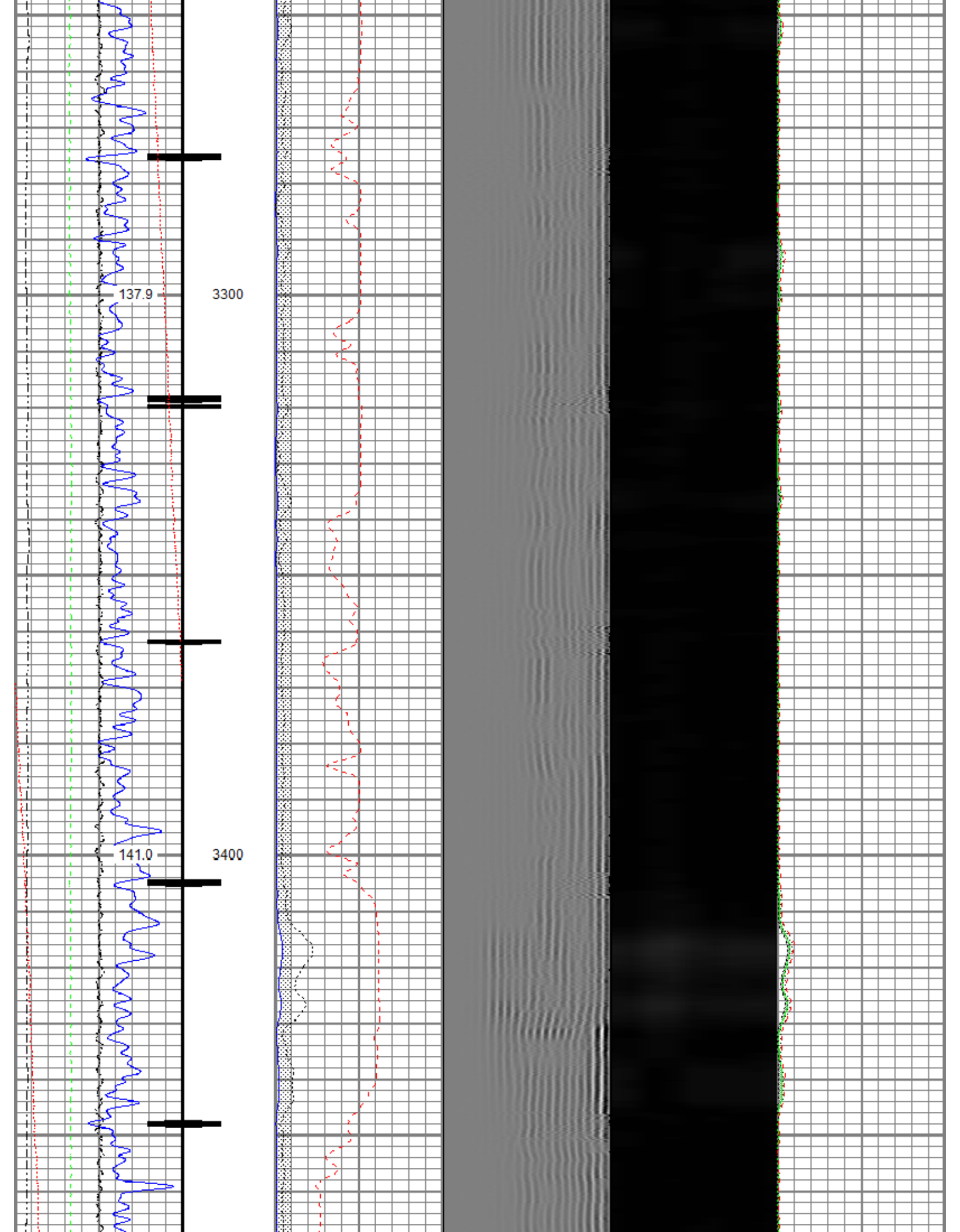


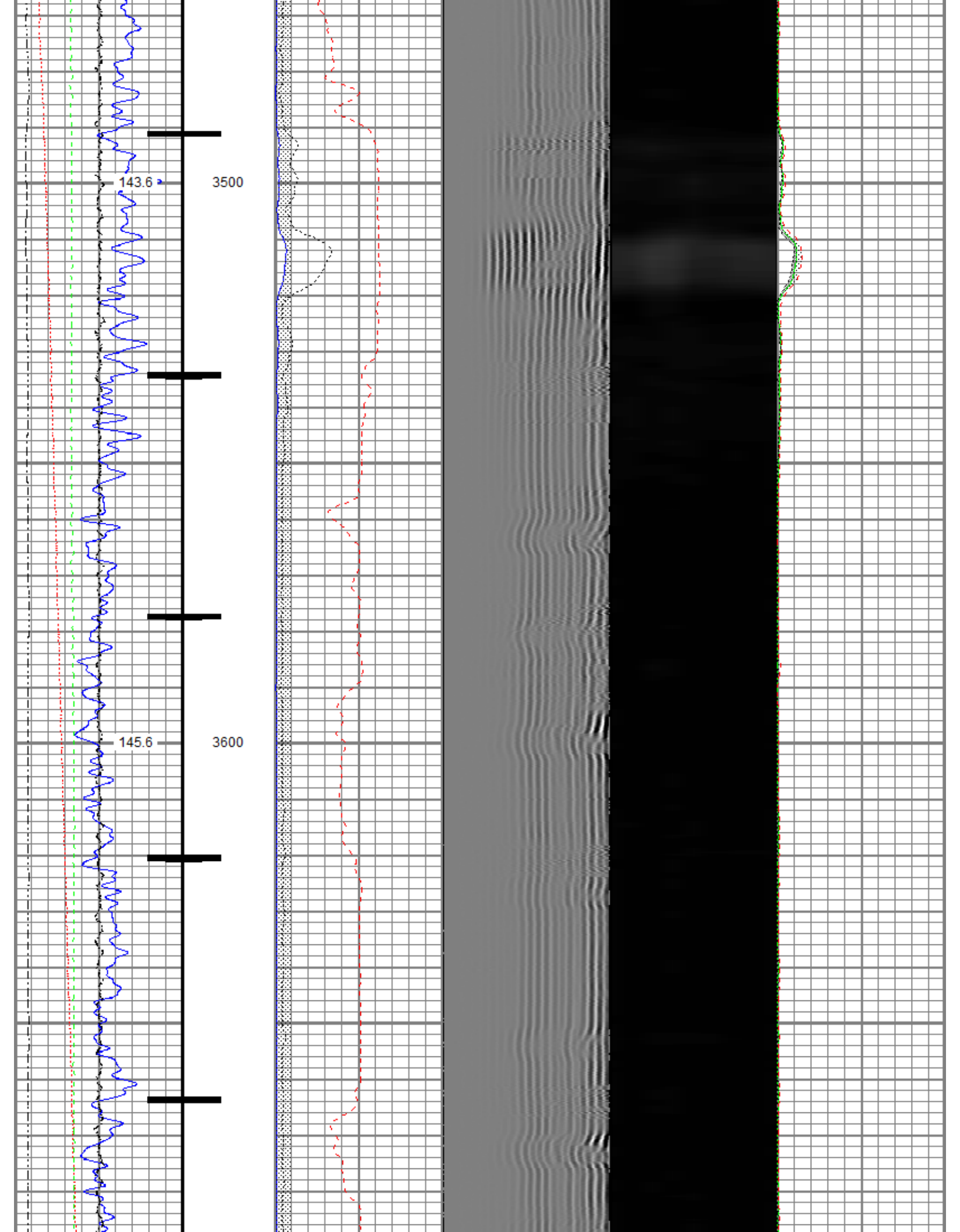


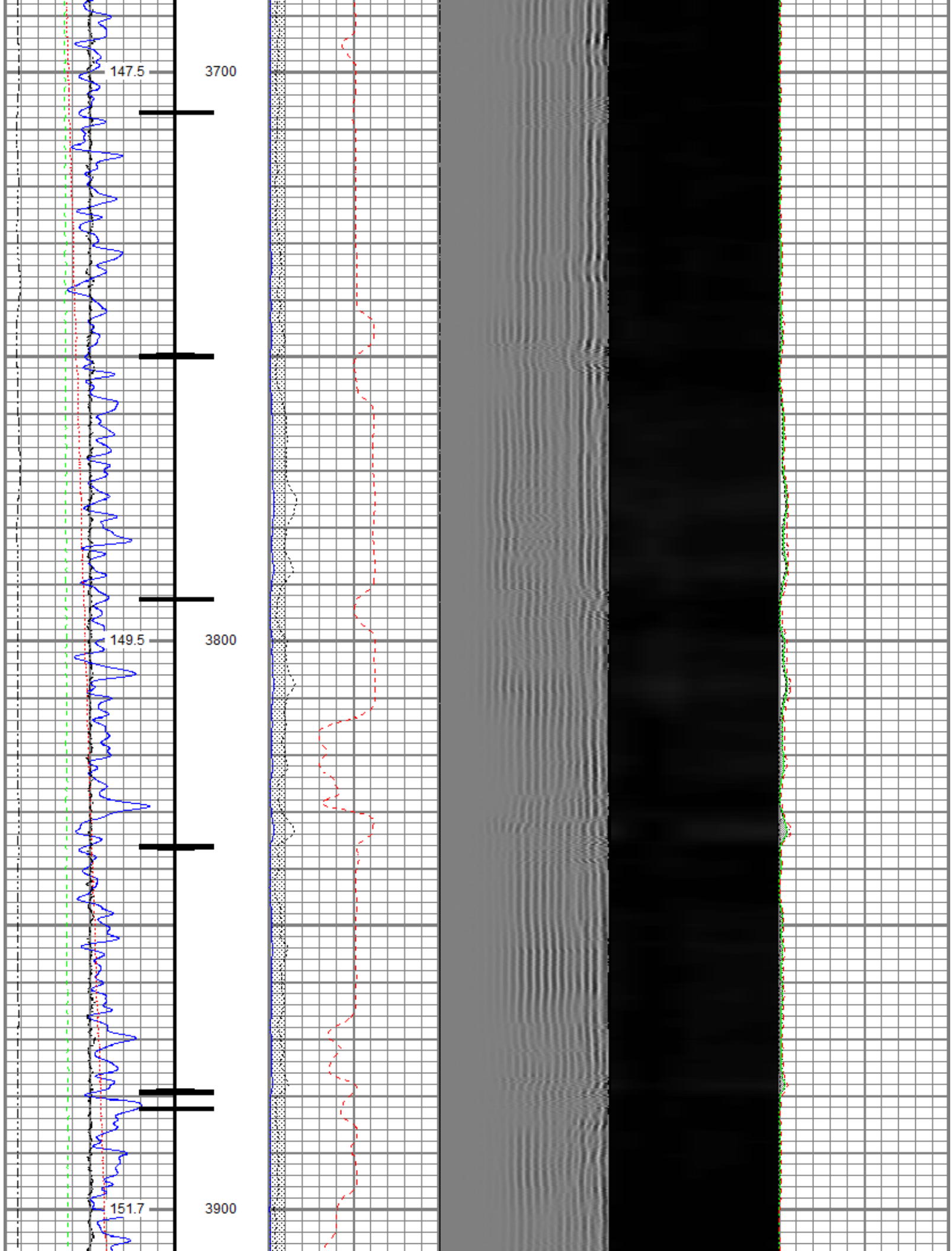


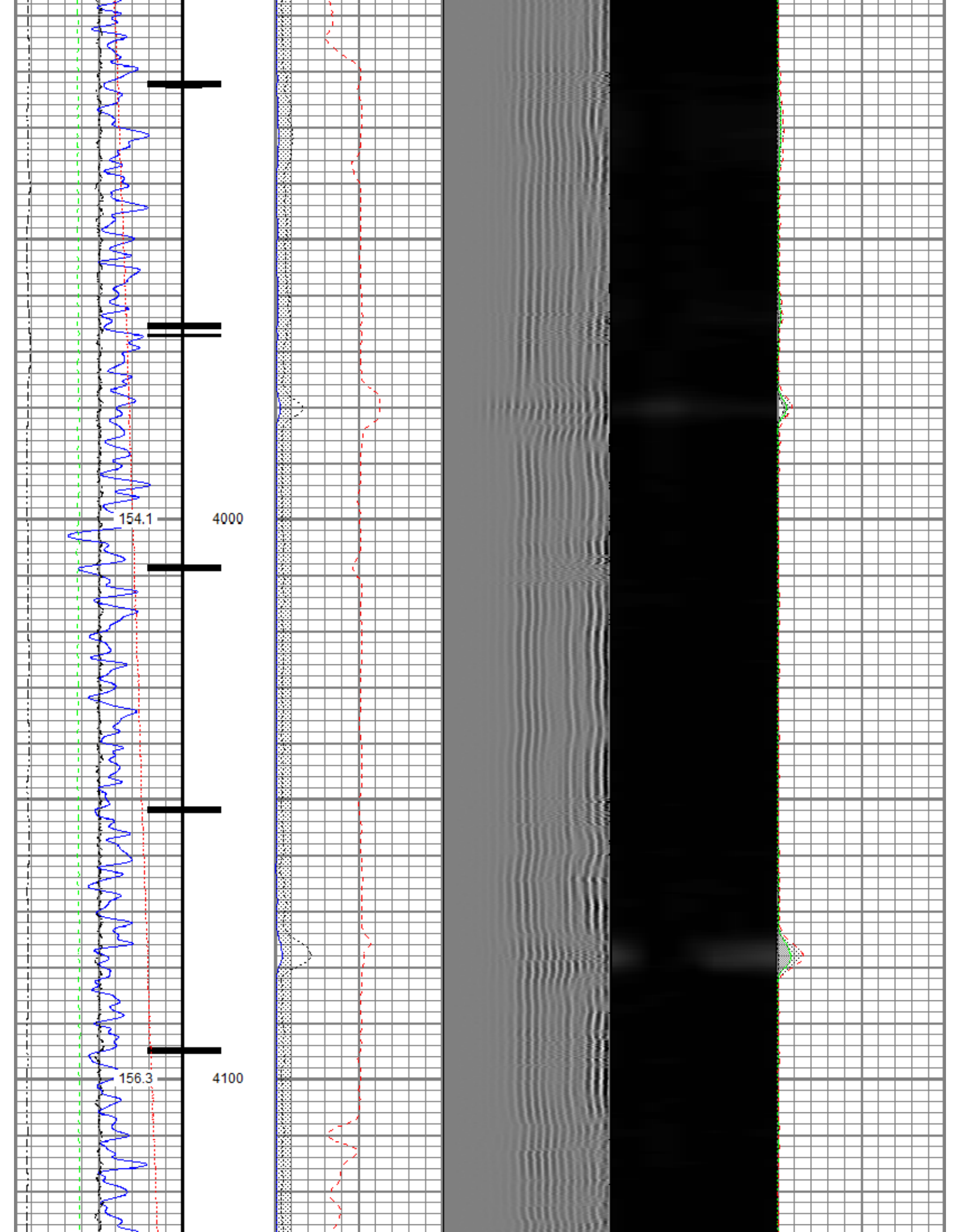


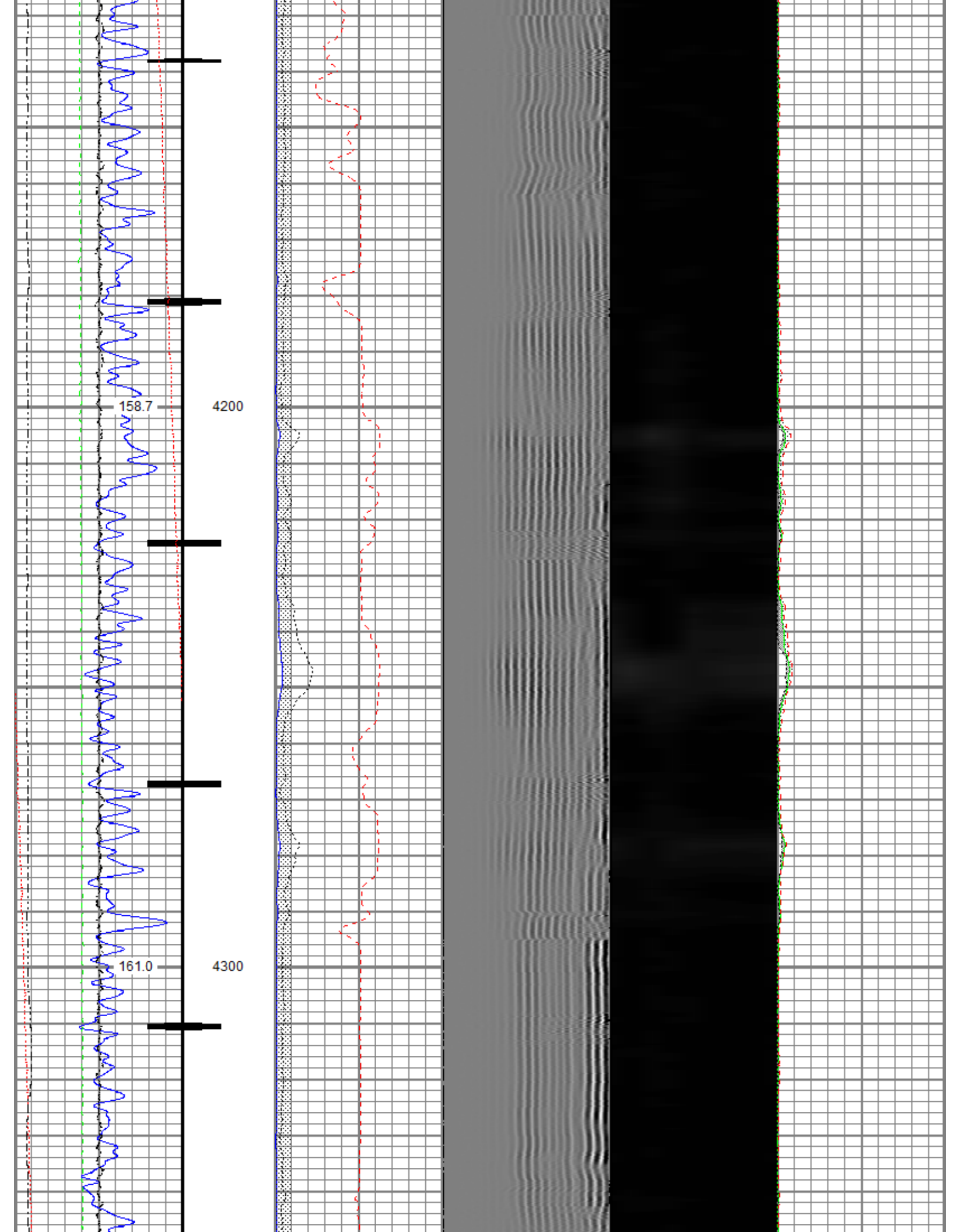


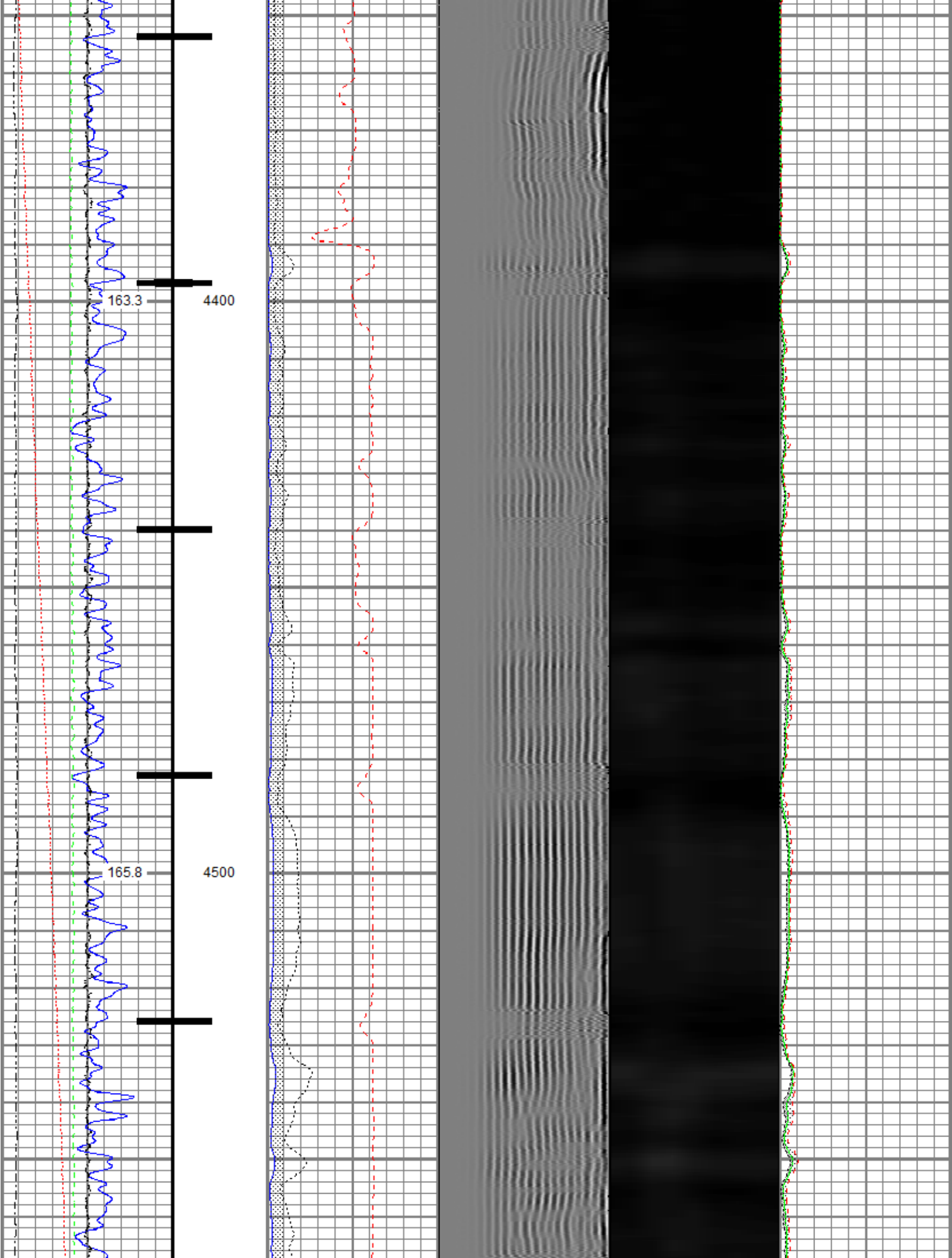


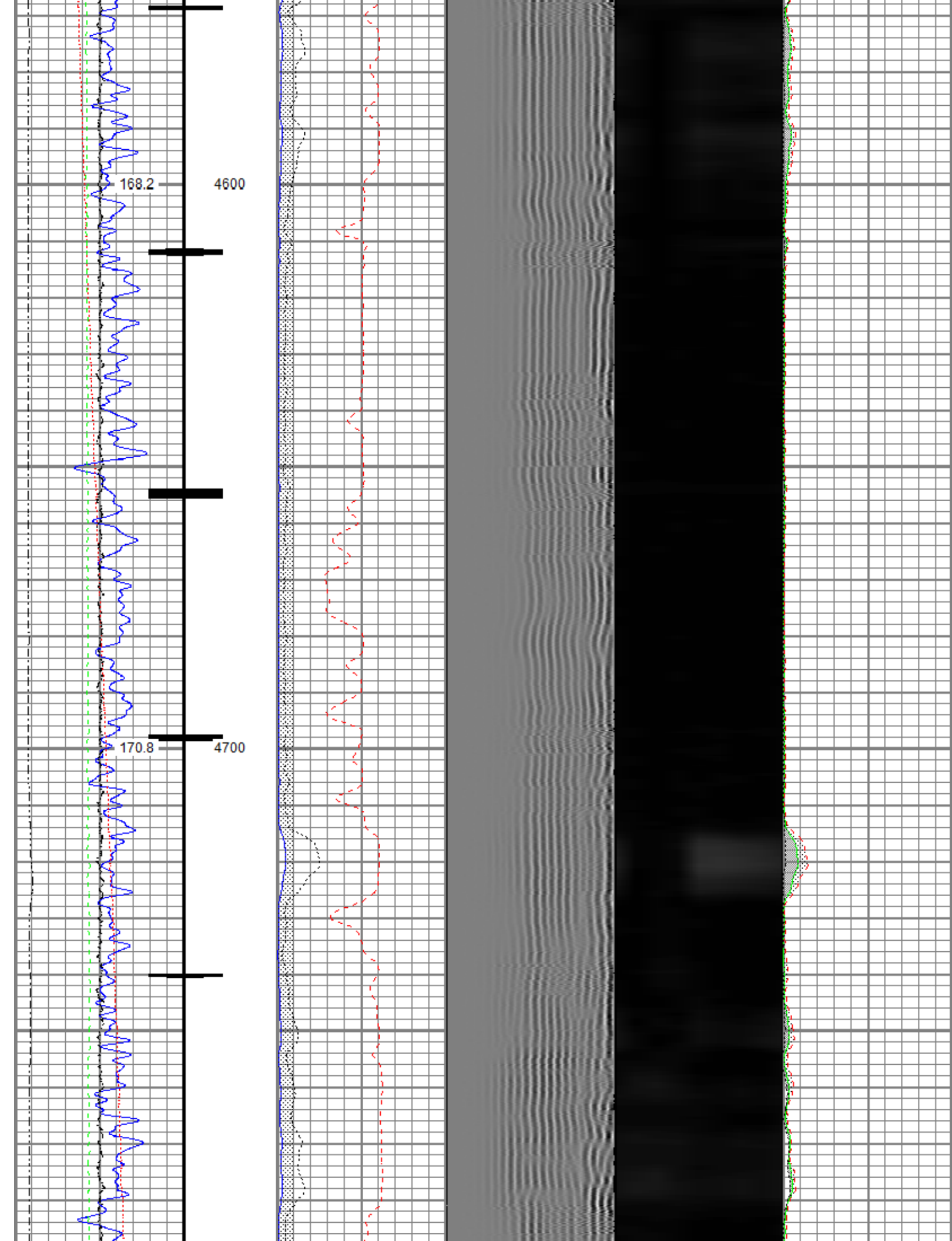


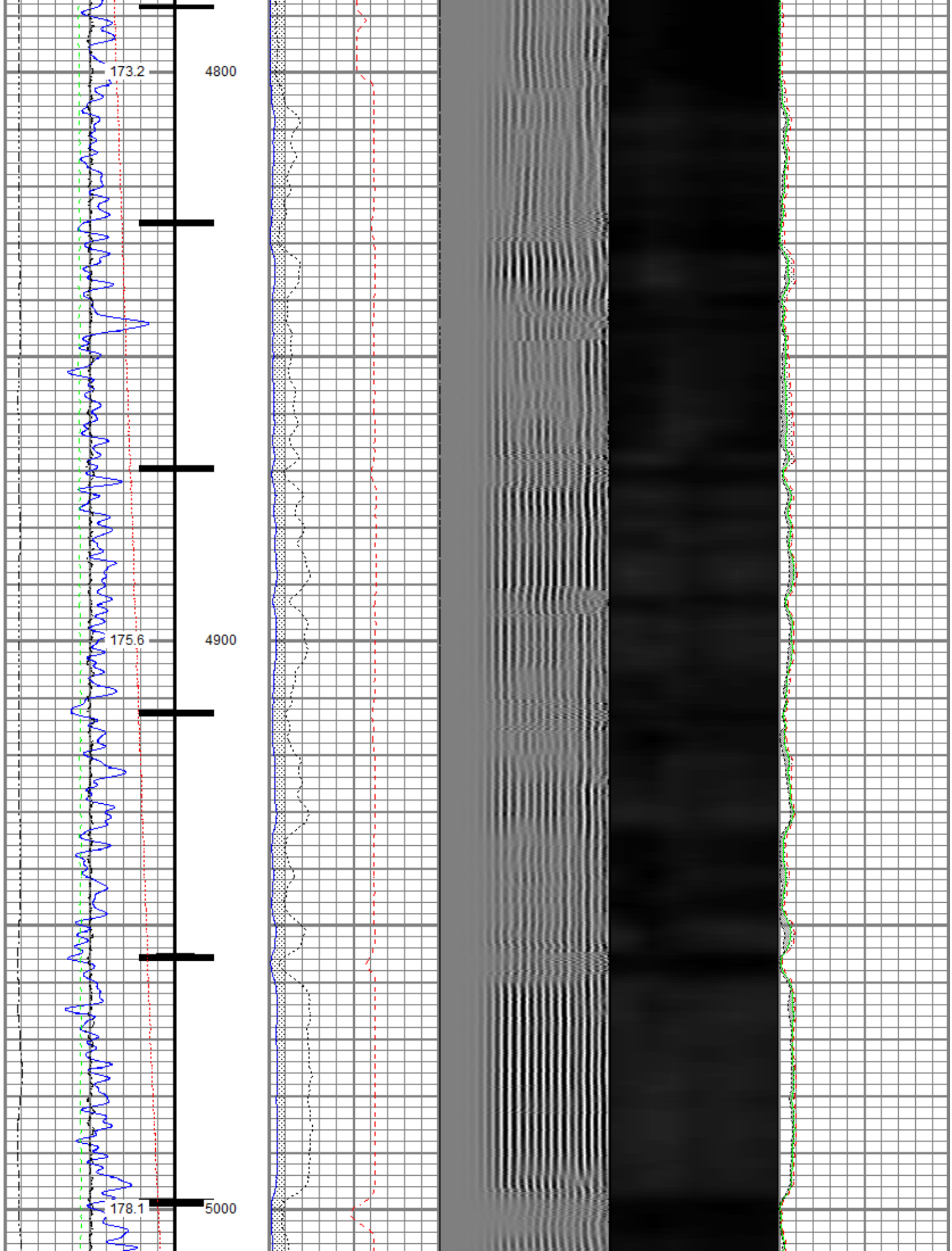


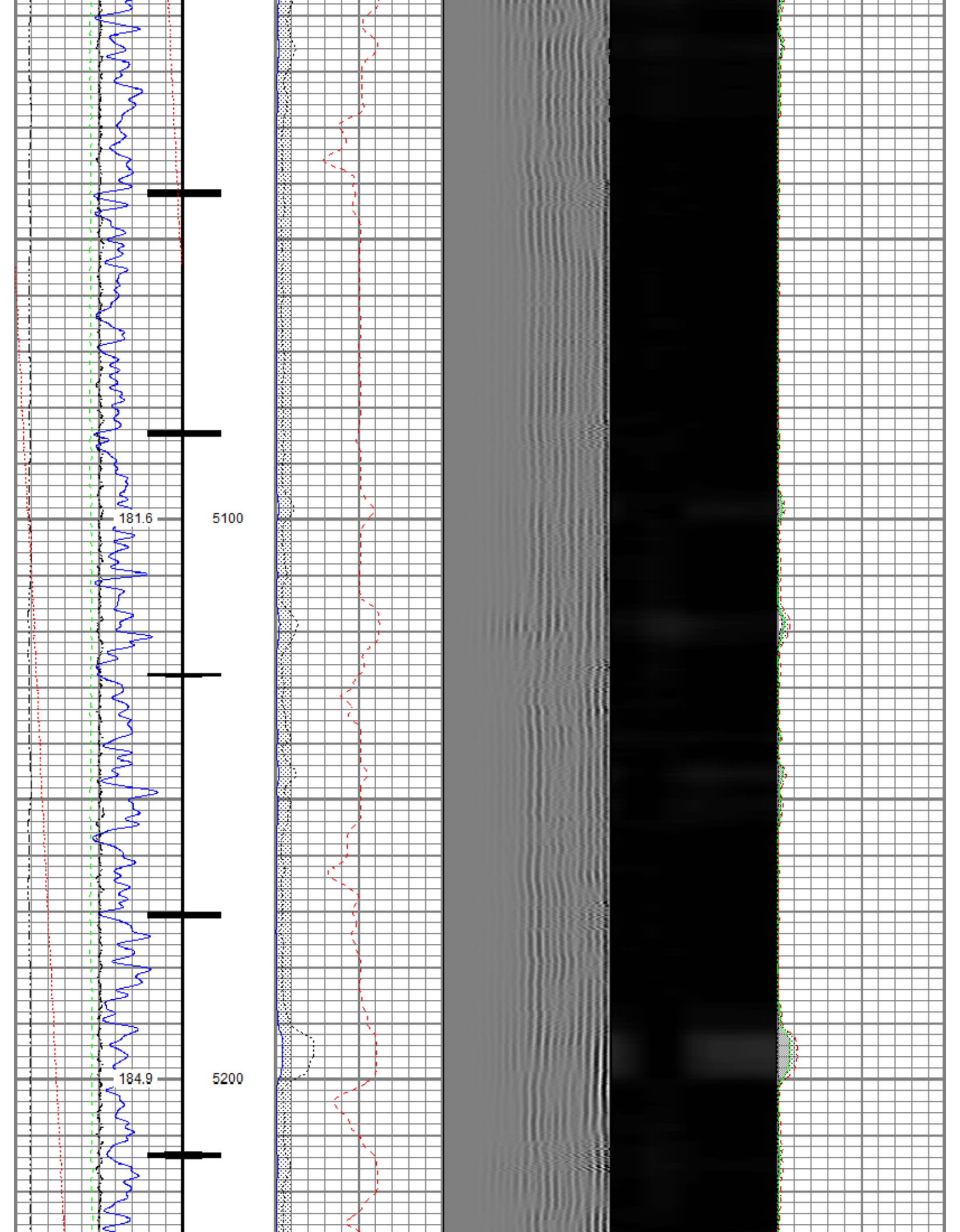


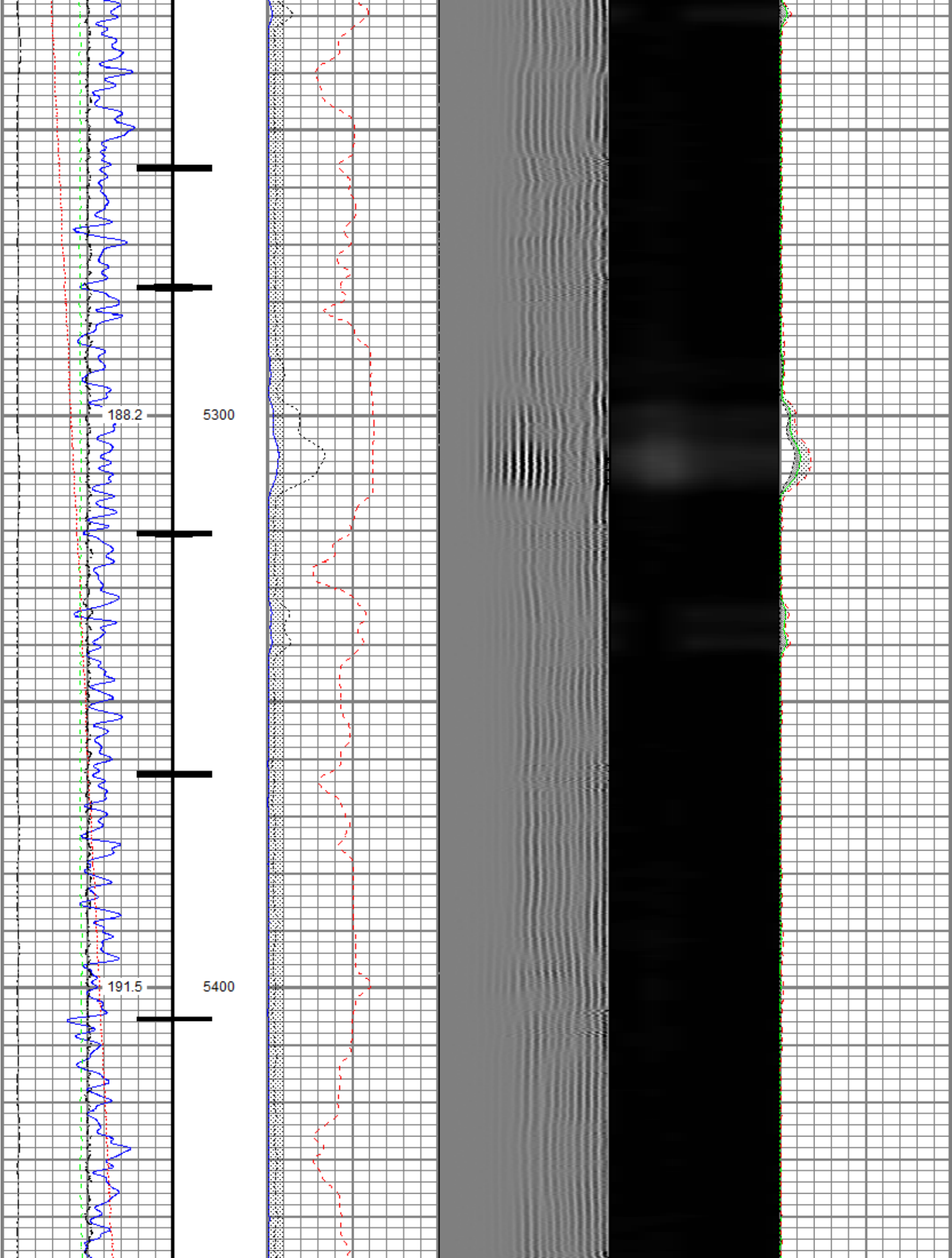


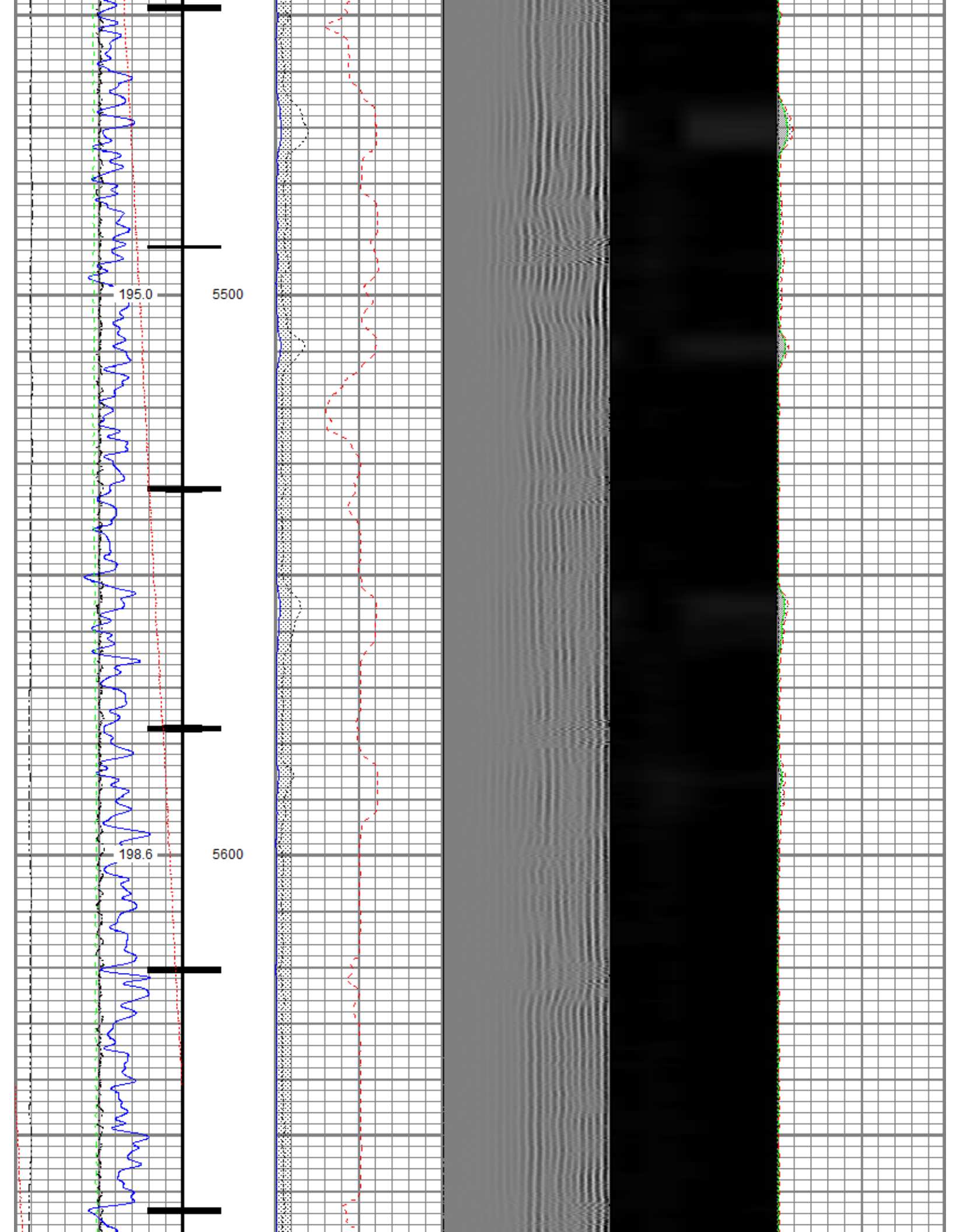


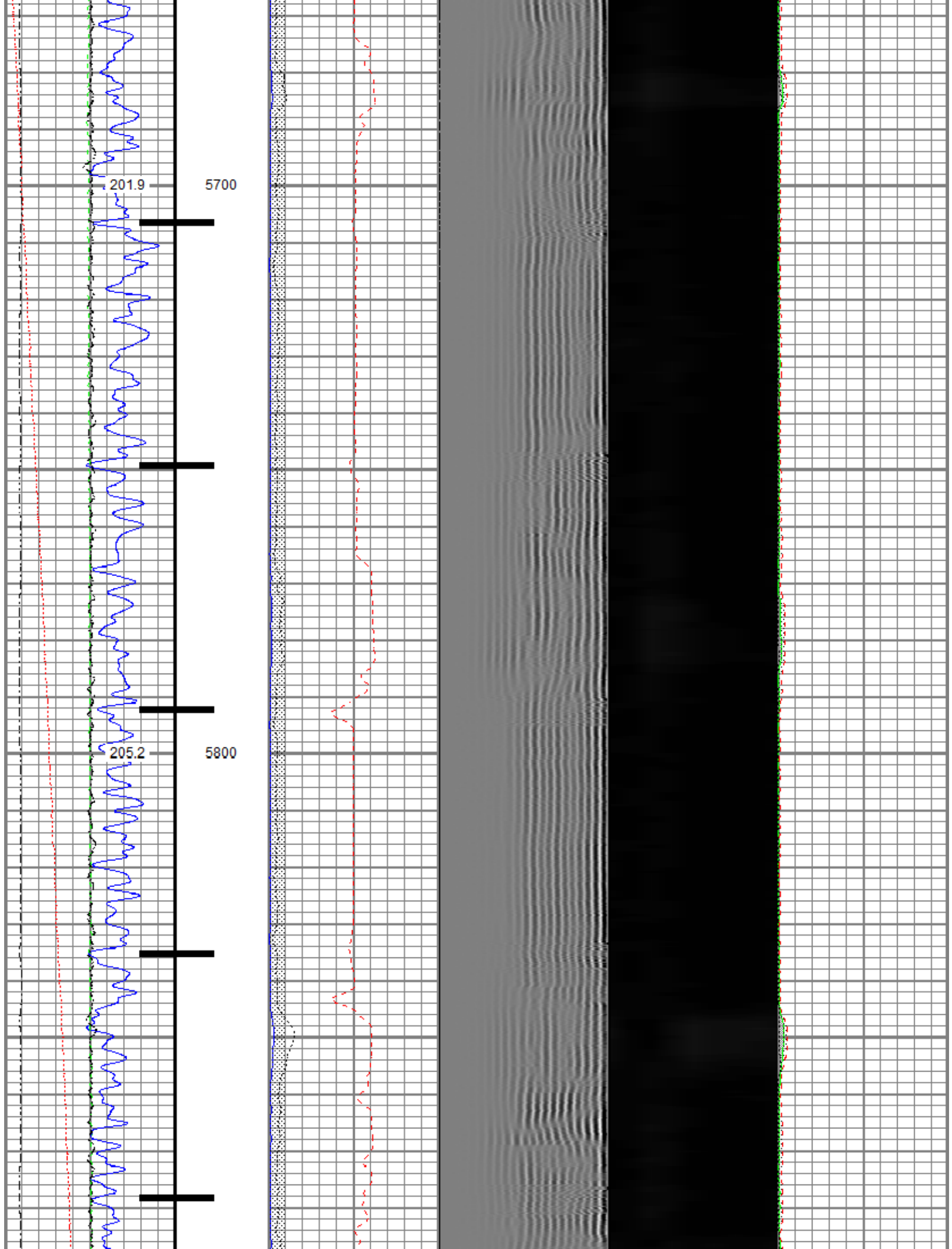


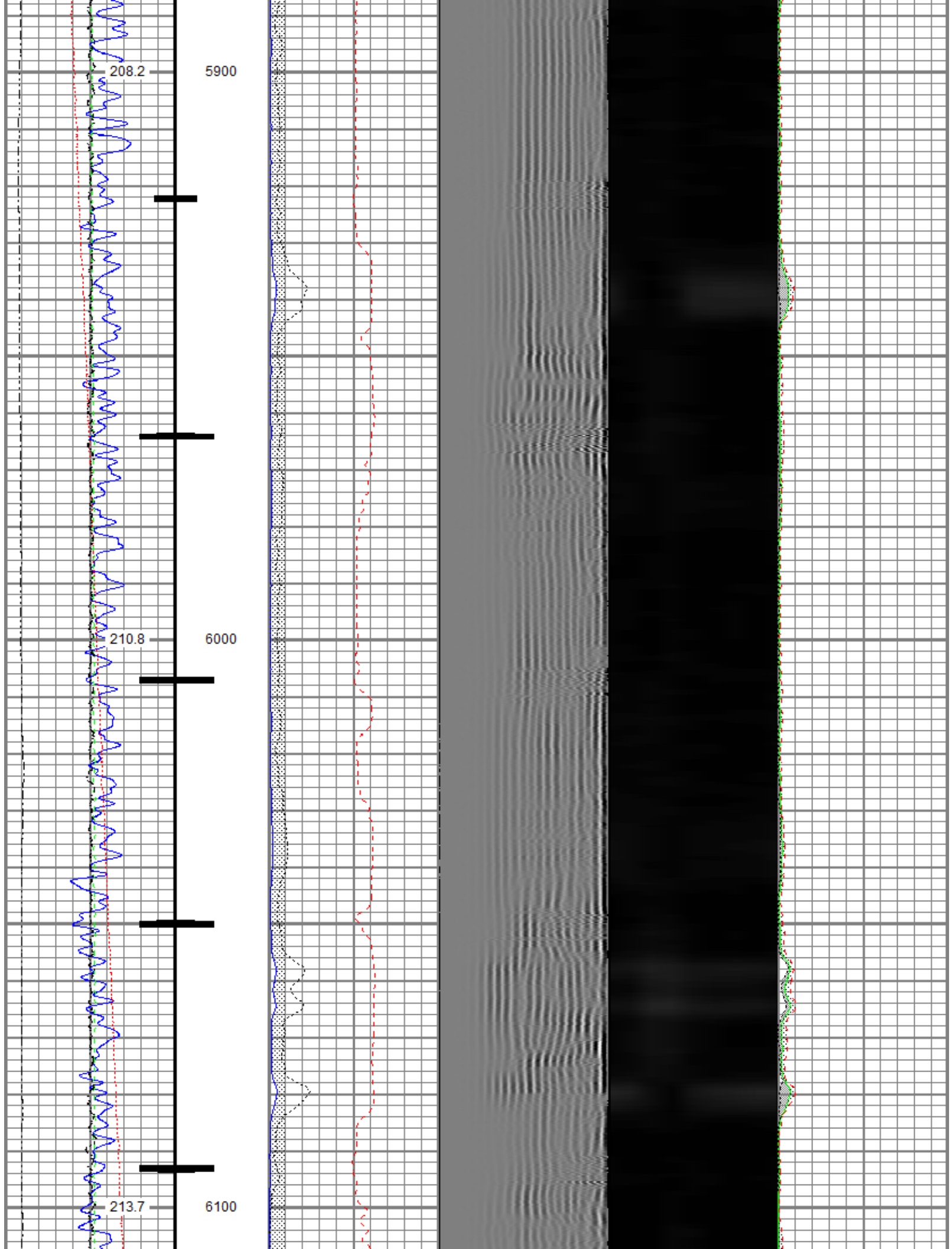


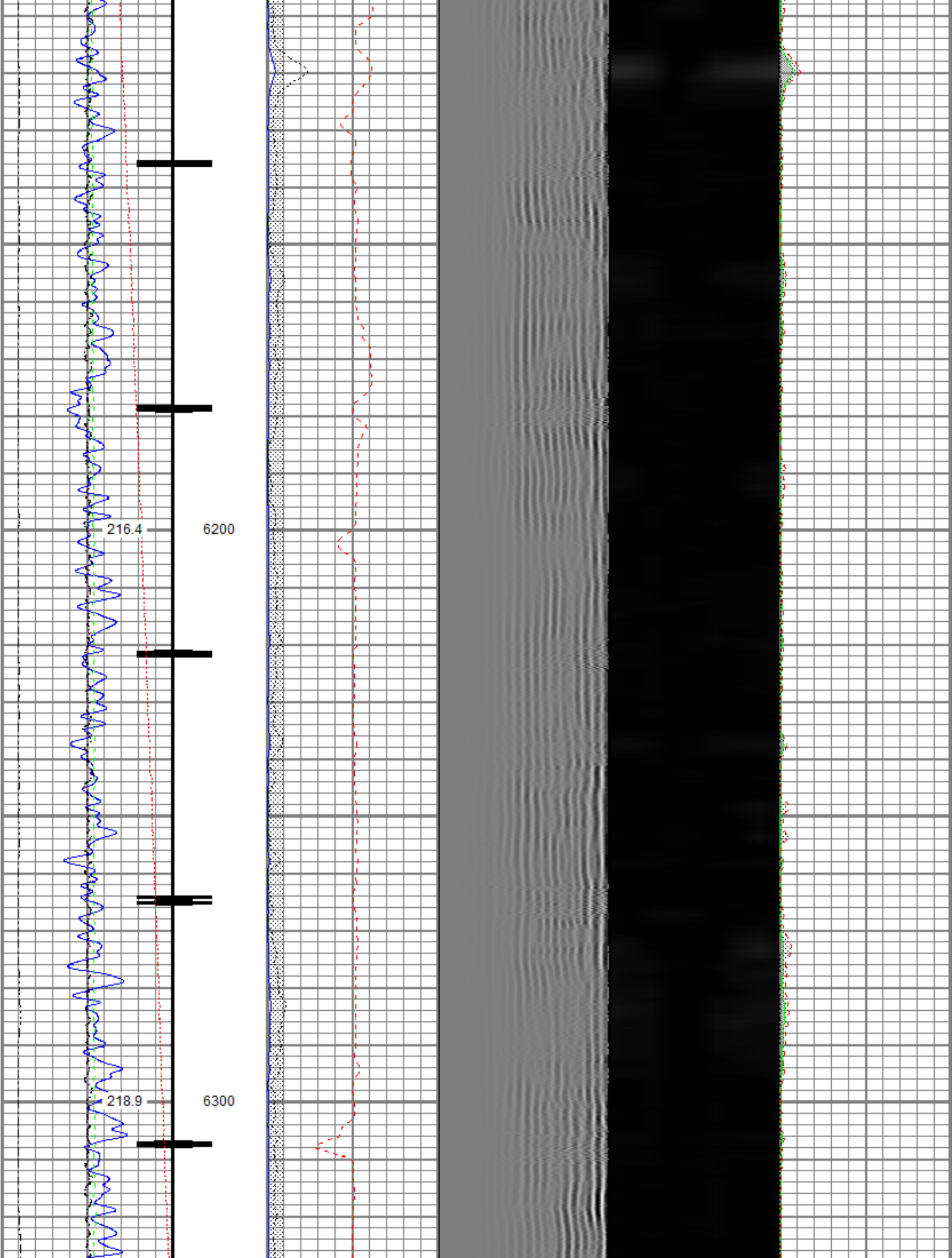


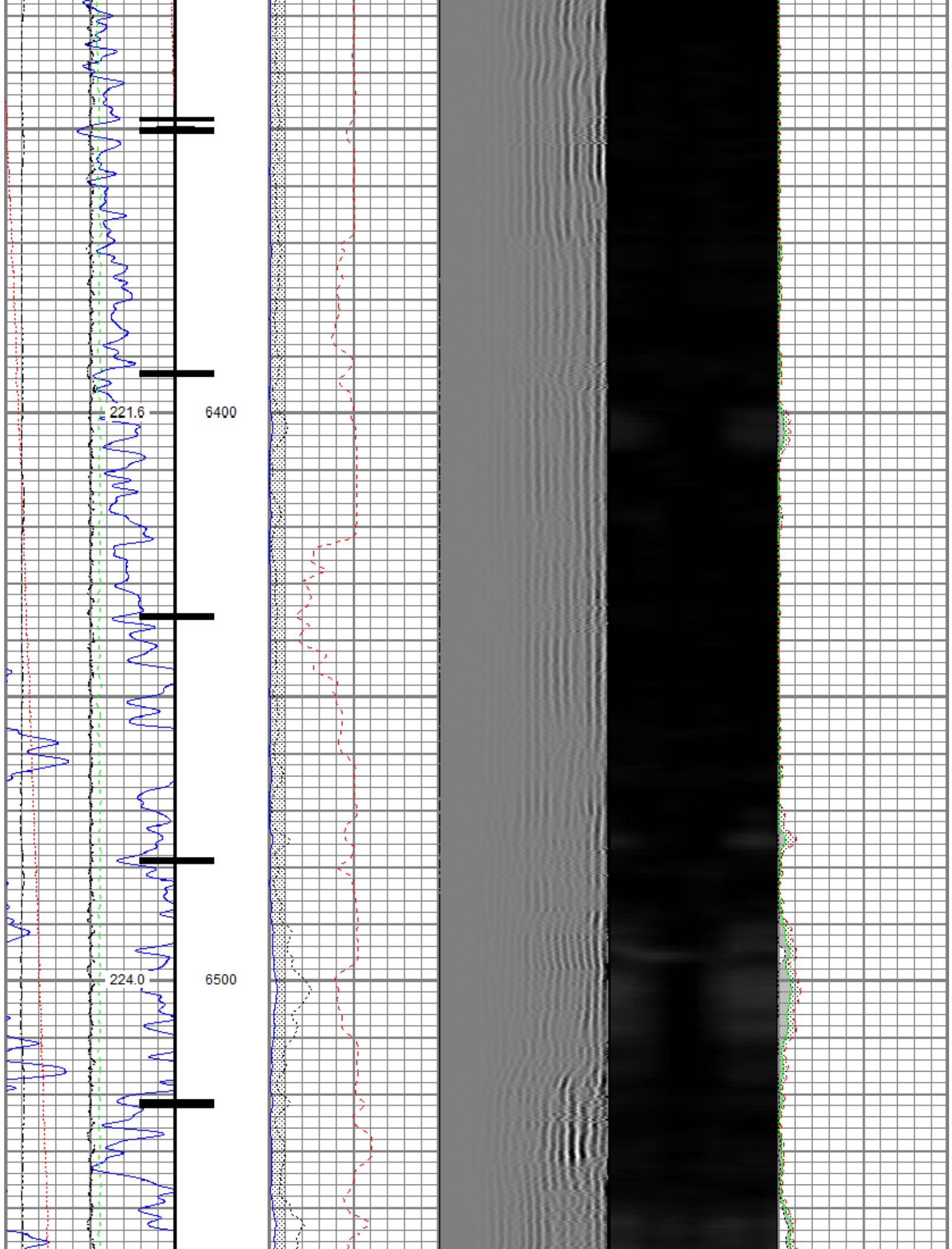


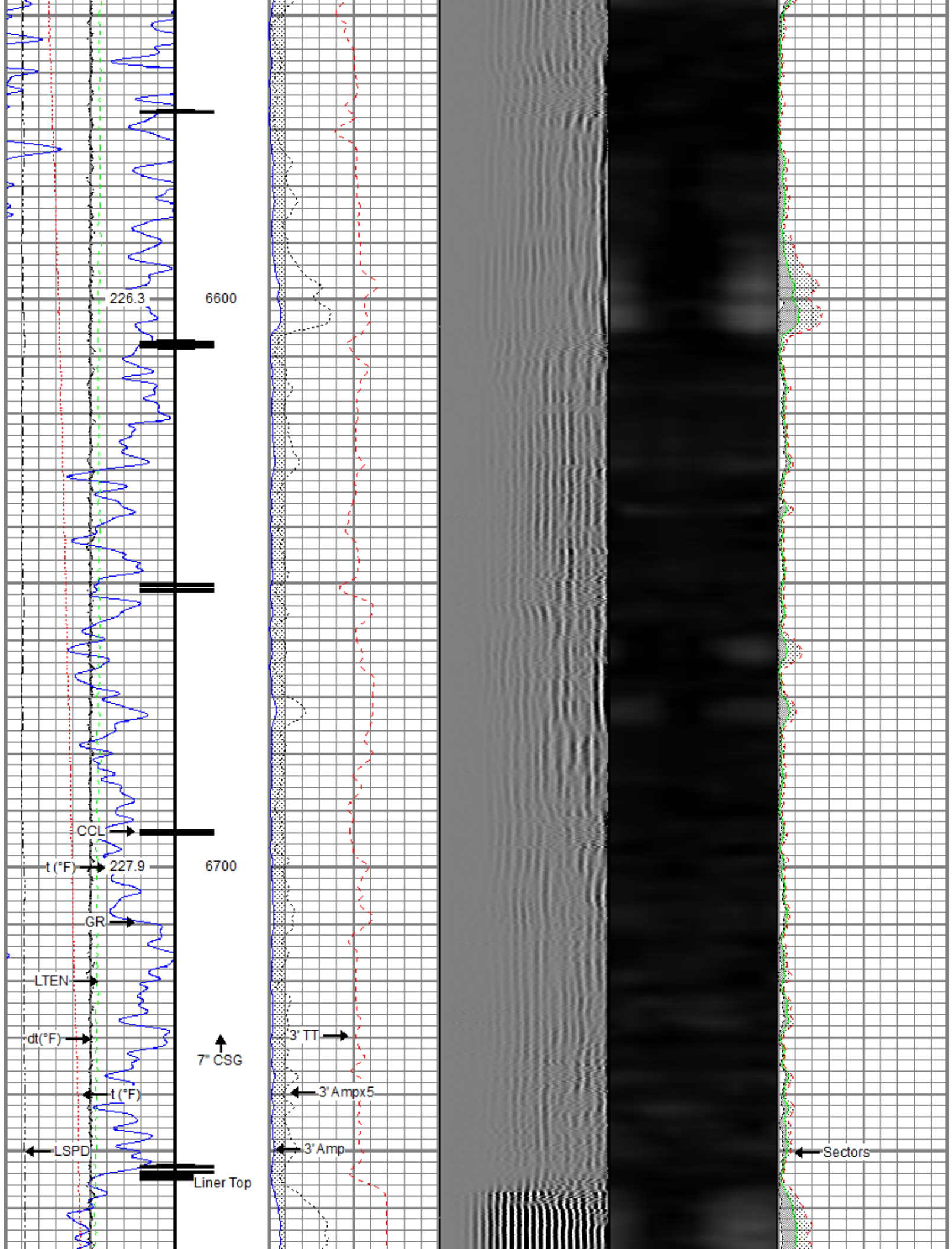


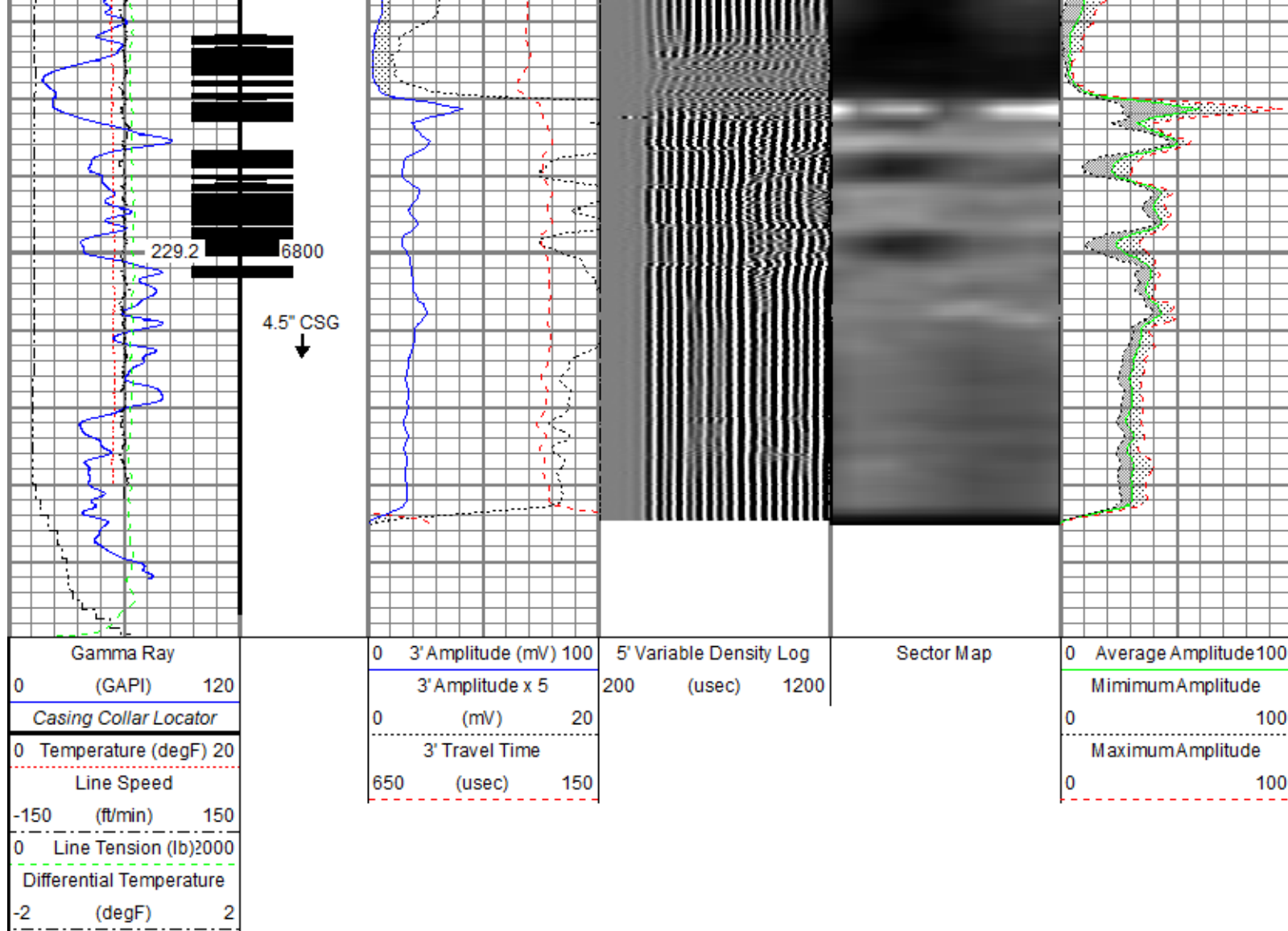








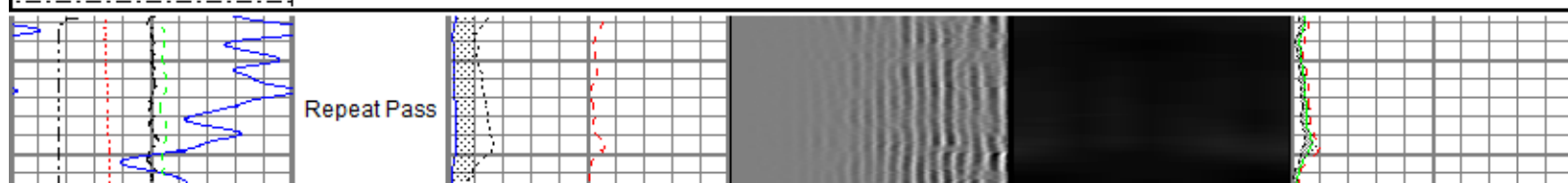
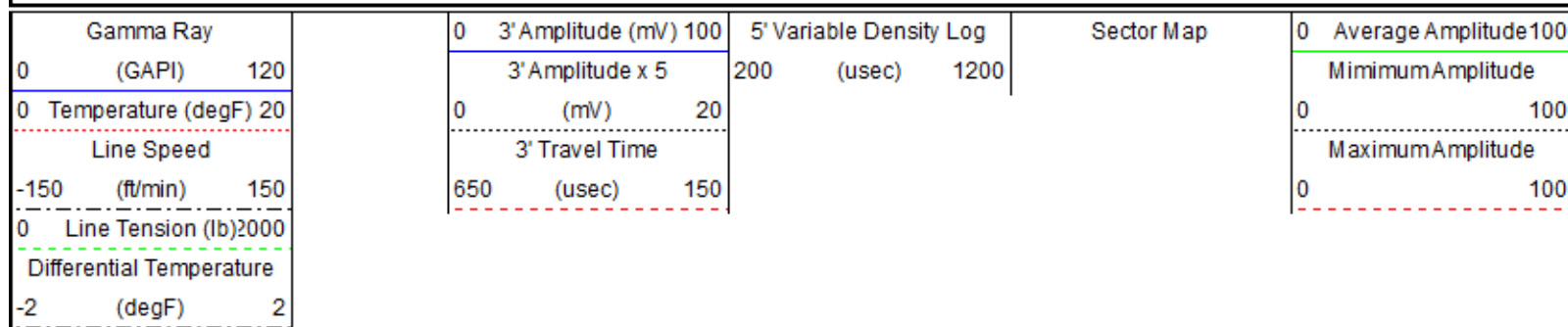




Repeat Pass

Recorded With 0 PSI Surface Induced Pressure

Database File highpoint_wetco 4-63-5-5649c_rbl_04-03-19\highpoint_wetco 4-63-5-5649c_rbl_04-03-19.db
 Dataset Pathname pass2.2
 Presentation Format ros_radii
 Dataset Creation Fri Apr 05 05:02:03 2019
 Charted by Depth in Feet scaled 1:240



Repeat Pass

228.0

6700

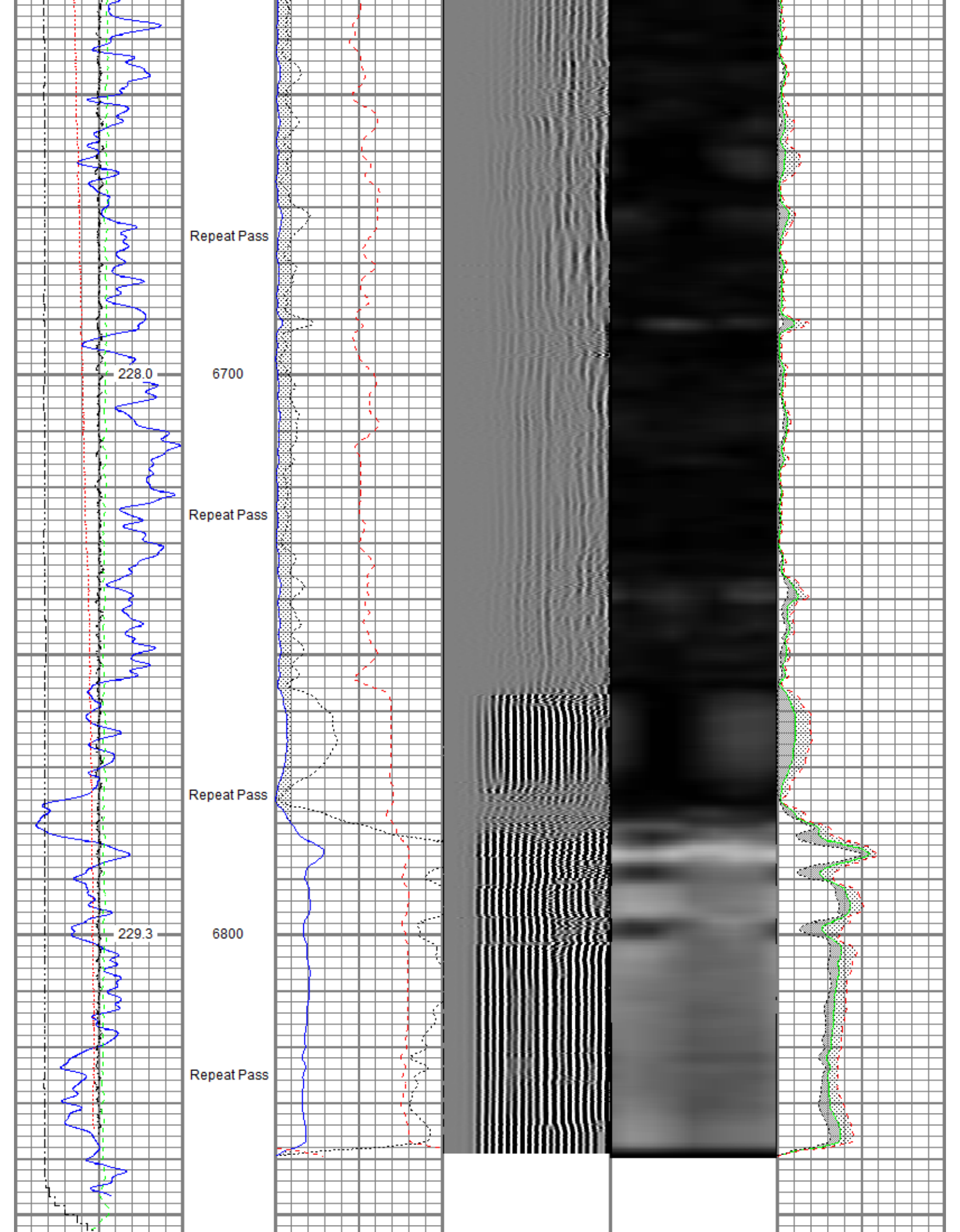
Repeat Pass

Repeat Pass

229.3

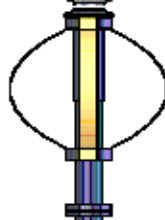
6800

Repeat Pass



Gamma Ray	0	3' Amplitude (mV)	100	5' Variable Density Log	Sector Map	0	Average Amplitude	100
0 (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)
			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
TEMP	18.23					
WVFS8	16.00		Probe Radii-2750 RBT (FW1302-001) Probe 2-3/4" Radial Cement Bond Tool with Integral Temperature Sub	9.39	2.75	105.00
WVFS7	16.00					
WVFS6	16.00					
WVFS5	16.00					
WVFS4	16.00					
WVFS3	16.00					
WVFS2	16.00					
WVFS1	16.00					
WVFCAL	16.00					
WVF3FT	16.00					
WVF5FT	15.00					
			Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
CCL\$2	7.38		Probe CCL-2750 SA (FW1307-076) Probe 2-3/4" Digital Stand Alone Six Magnet Logging CCL	2.66	2.75	35.00
CCL\$1	7.38					
GR	5.24		Probe GR-2750 SA (FW1307-078) Probe 2-3/4" Digital Stand Alone Gamma Ray	3.33	2.75	55.00



Probe CENT-2750
Probe 2-3/4" Electric Inline Bowspring Centralizer

2.88

2.75

20.00

Dataset: highpoint_wetco 4-63-5-5649c_rbl_04-03-19.db: field/well/run1/pass4.24
Total length: 25.06 ft
Total weight: 258.60 lb
O.D.: 2.75 in

Calibration Report

Database File c:\programdata\warrior\data\highpoint_wetco 4-63-5-5649c_rbl_04-03-19\highpoint_wetco 4-63-5-5649c_rbl_04-03-19.db
Dataset Pathname pass4.24
Dataset Creation Thu Apr 04 21:01:07 2019

Gamma Ray Calibration Report

Serial Number: FW1307-078
Tool Model: 2750 SA
Performed: Mon Oct 01 11:32:38 2018

Calibrator Value: 637.0 GAPI

Background Reading: 108.2 cps
Calibrator Reading: 1134.5 cps

Sensitivity: 0.6207 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: FW1302-001
Tool Model: 2750 RBT

Calibration Casing Diameter: 7.000 in
Calibration Depth: 99.781 ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.008	0.470	0.800	62.165	132.833	-0.216
CAL	0.006	0.642				
5'	0.008	0.487	0.800	62.165	128.001	-0.204
SUM						
S1	0.002	0.442	0.000	100.000	227.195	-0.498
S2	0.007	0.448	0.000	100.000	226.772	-1.503
S3	0.006	0.468	0.000	100.000	216.299	-1.282
S4	0.005	0.490	0.000	100.000	206.359	-1.131
S5	0.006	0.499	0.000	100.000	202.731	-1.227
S6	0.007	0.496	0.000	100.000	204.268	-1.394
S7	0.007	0.476	0.000	100.000	213.617	-1.575
S8	0.008	0.454	0.000	100.000	223.988	-1.707


Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.006	0.642	1.000	0.000

Air Zero Calibration, performed Wed Apr 03 07:20:50 2019:

	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:	FW1302-001		
Tool Model:	2750 RBT		
Performed:	Mon Oct 01 11:32:14 2018		
	Reference	Reading	
Low Reference:	100.00 degF	107.47	degF
High Reference:	350.00 degF	404.08	degF
Gain:	0.84		
Offset:	9.42		
Delta Spacing	1		

	Company	HighPoint Operating Corporation
	Well	Wetco 4-63-5-5649C
	Field	Wattenberg
	County	Weld
	State	Colorado