

County Weld State Colorado

Other Services

SEC 15	TWP 1N	RGE 66W
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Elevation

Permanent Datum	Ground Level	Elevation	5153
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Drilling Measured From Kelly Bushing

G.L. 5153

31-JUL-2019

13610 FT

7002 FT

7.875"

	8.34 lb/gal
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See Log

07:20

Platteville, C

J. McMillan

it	From	To
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9 5/8	36
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[illegible]

Grade	Top	Bottom
J-55	Surface	1920 FT
HCP-110	Surface	13600 FT

<<< Fold Here >>>

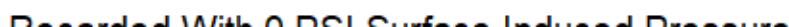
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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
Depth referenced to Casing Tally reported Marker Joint at 6966 FT
Adjusted 0 FT to correlate with Marker Joint
Gauge Ring/Junk Basket ran to 7920 FT
Retrievable Bridge Plug set at 7020 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!!

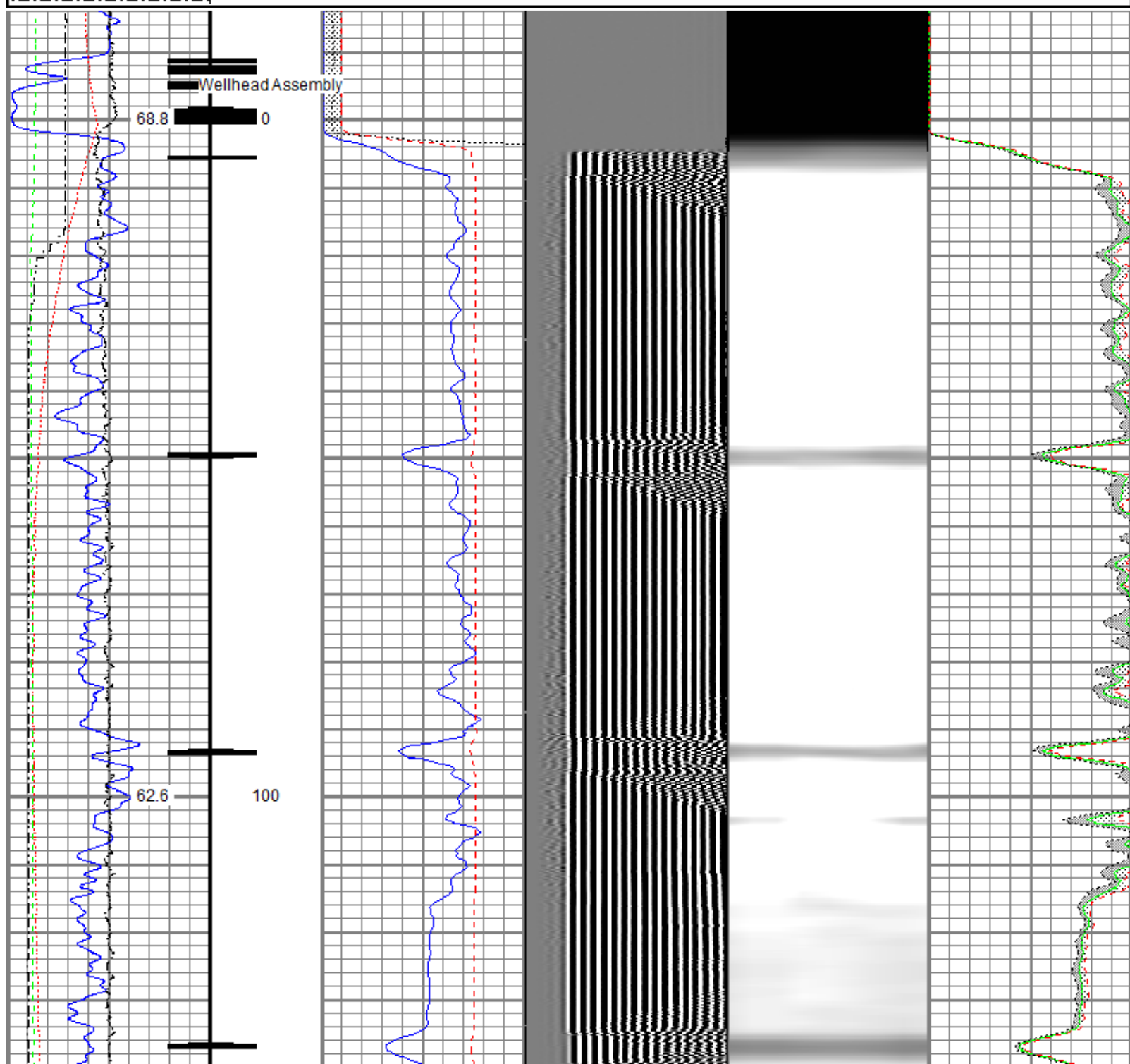
Main Pass

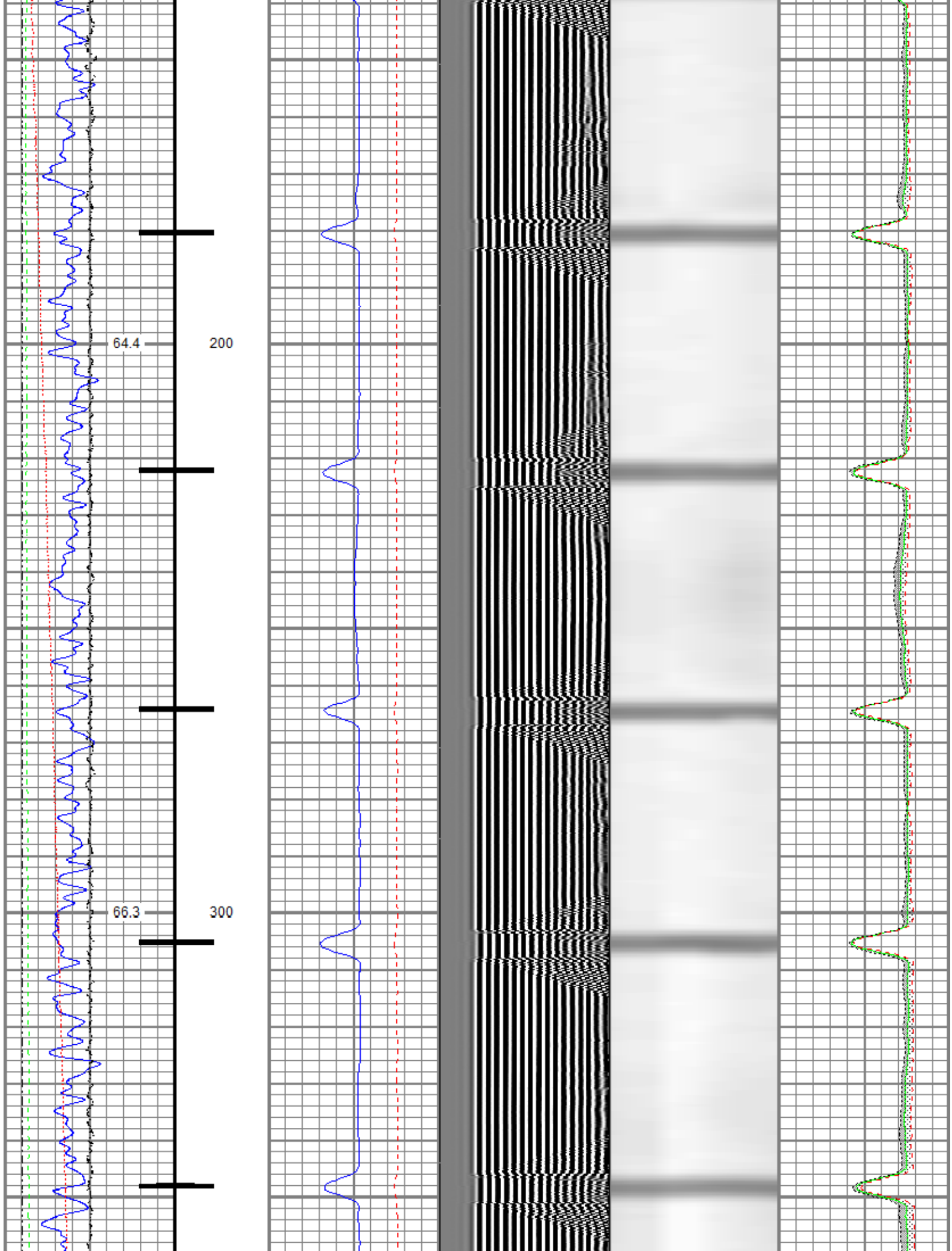


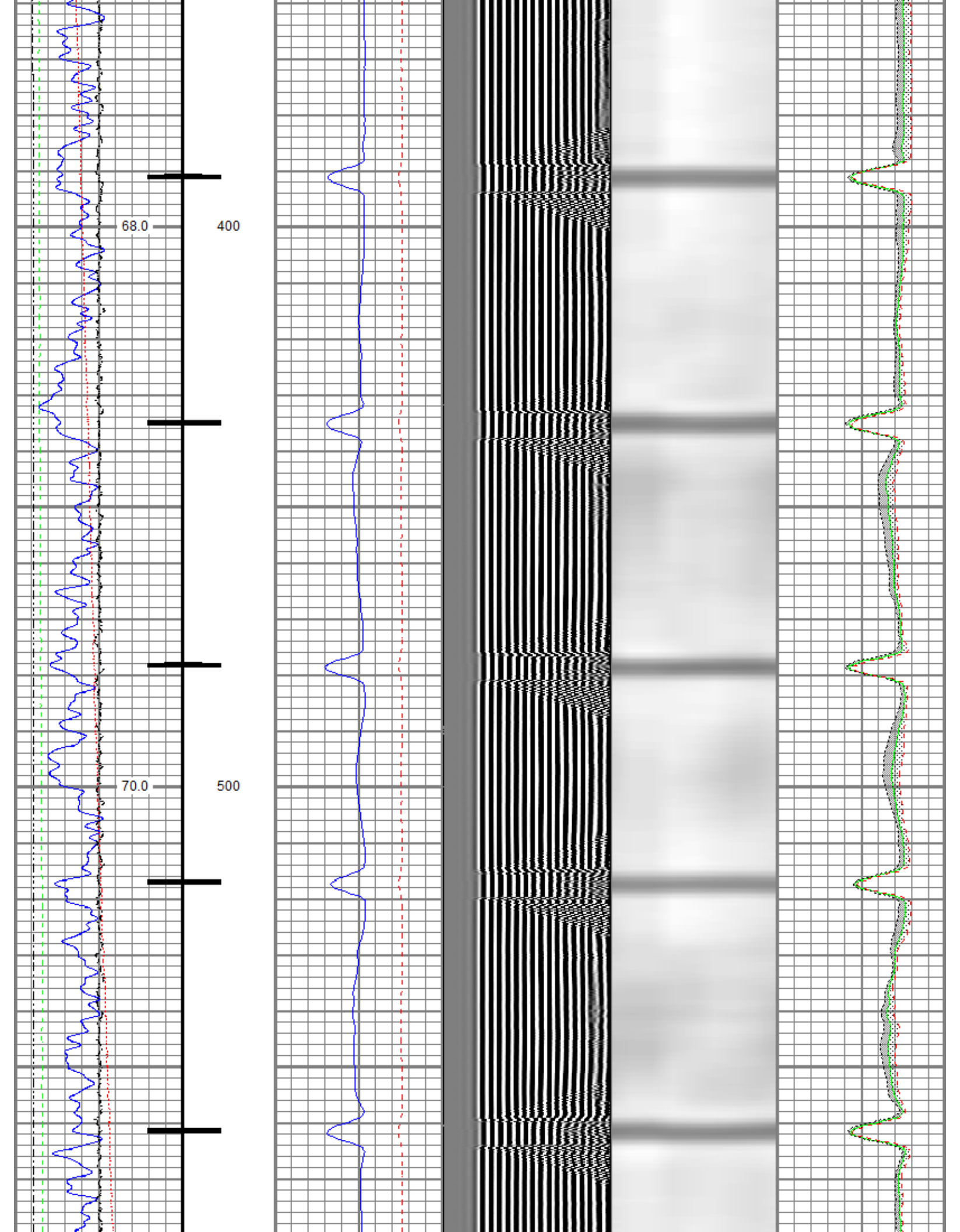
Recorded with 0 PSI Surface Induced Pressure

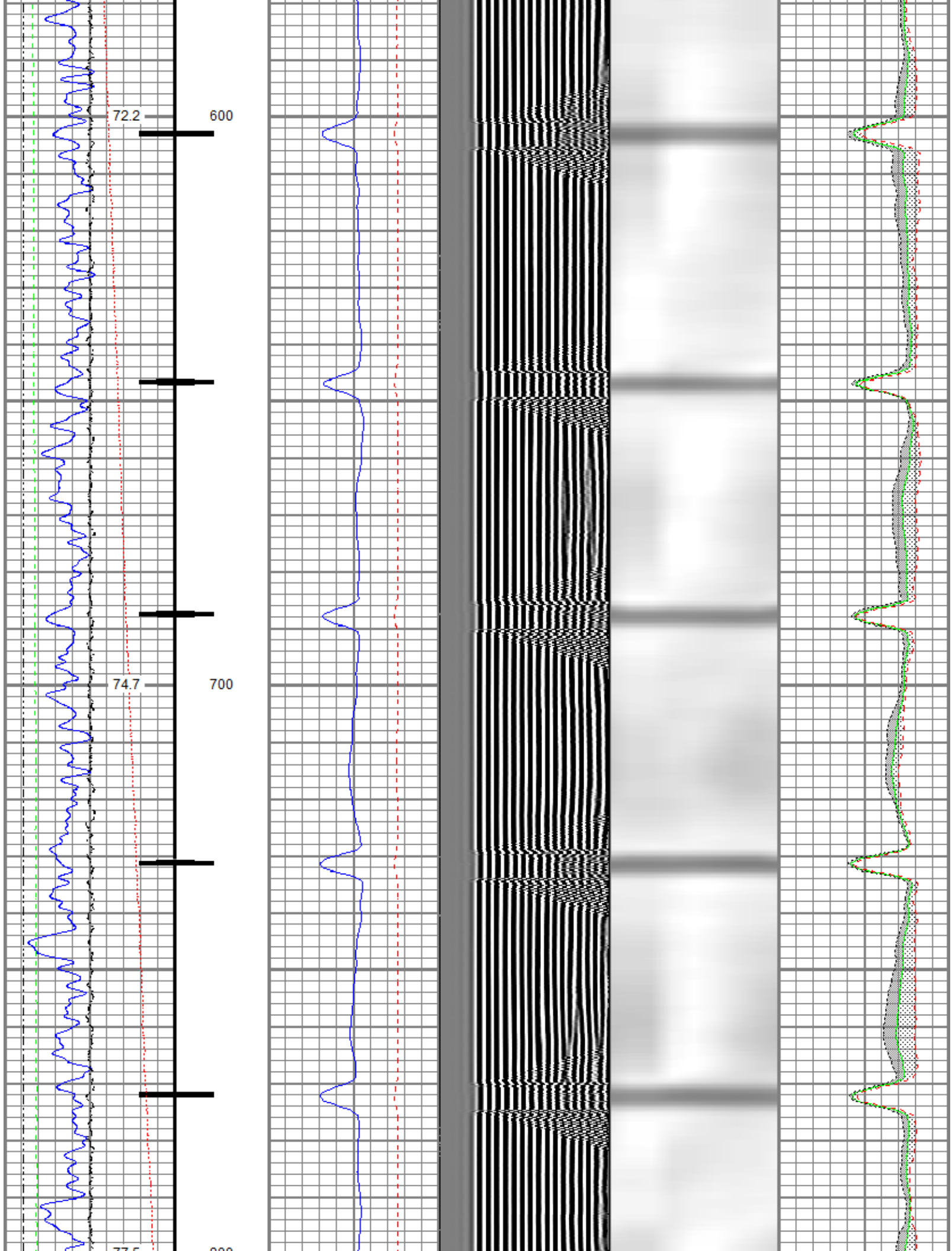
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Dataset Pathname	rbl/pass8.6
Presentation Format	ros_radri
Dataset Creation	Fri Aug 02 11:16:15 2019
Charted by	Depth in Feet scaled 1:240

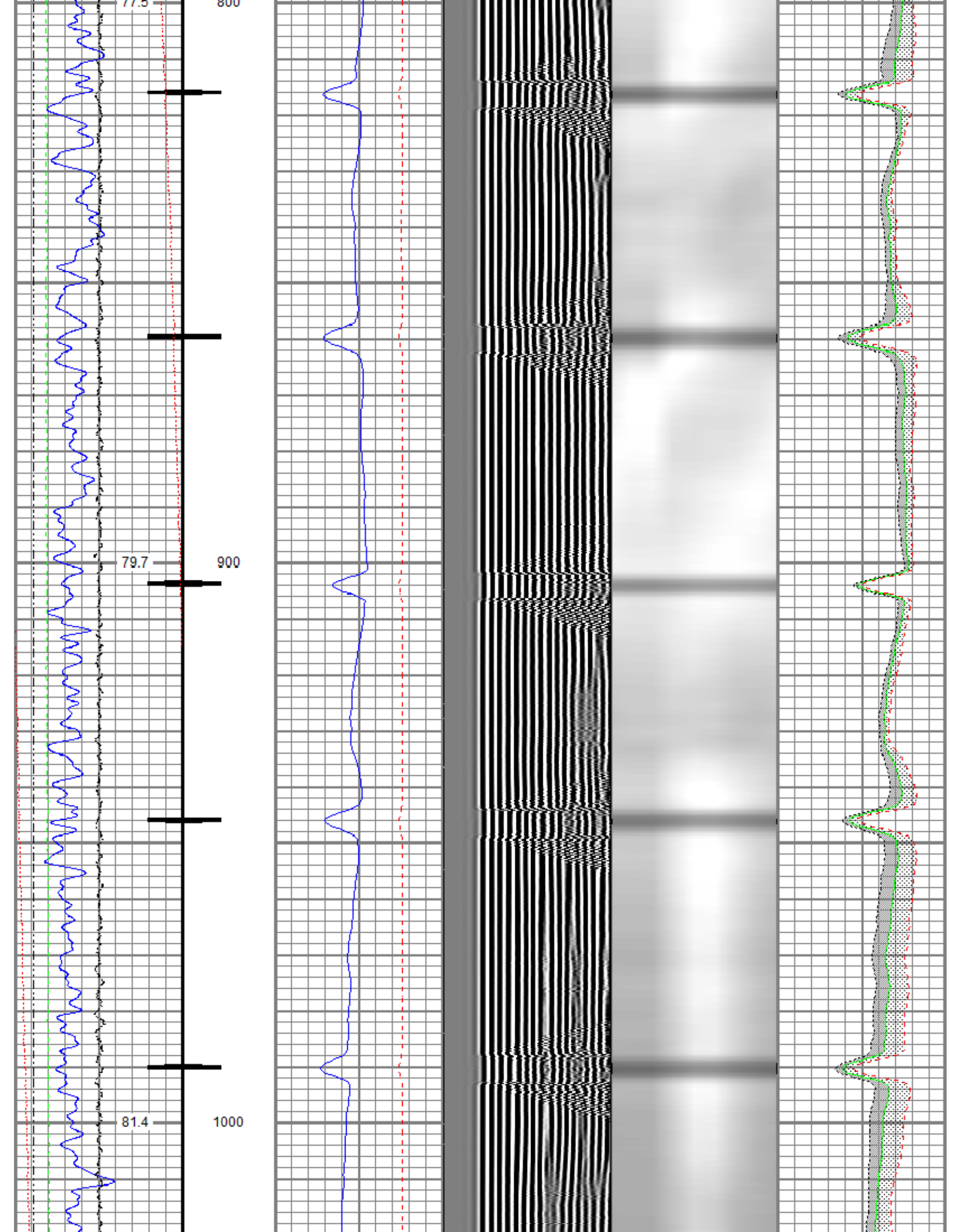
Gamma Ray	0	3' Amplitude (mV)	100	5' Variable Density Log	Sector Map	0	Average Amplitude	100
(GAPI)	120	3' Amplitude x 5	200	(usec)			Minimum Amplitude	
Casing Collar Locator		(mV)	20					
0 Temperature (degF)	20	3' Travel Time					Maximum Amplitude	
Line Speed		650 (usec)	150					
-150 (ft/min)	150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

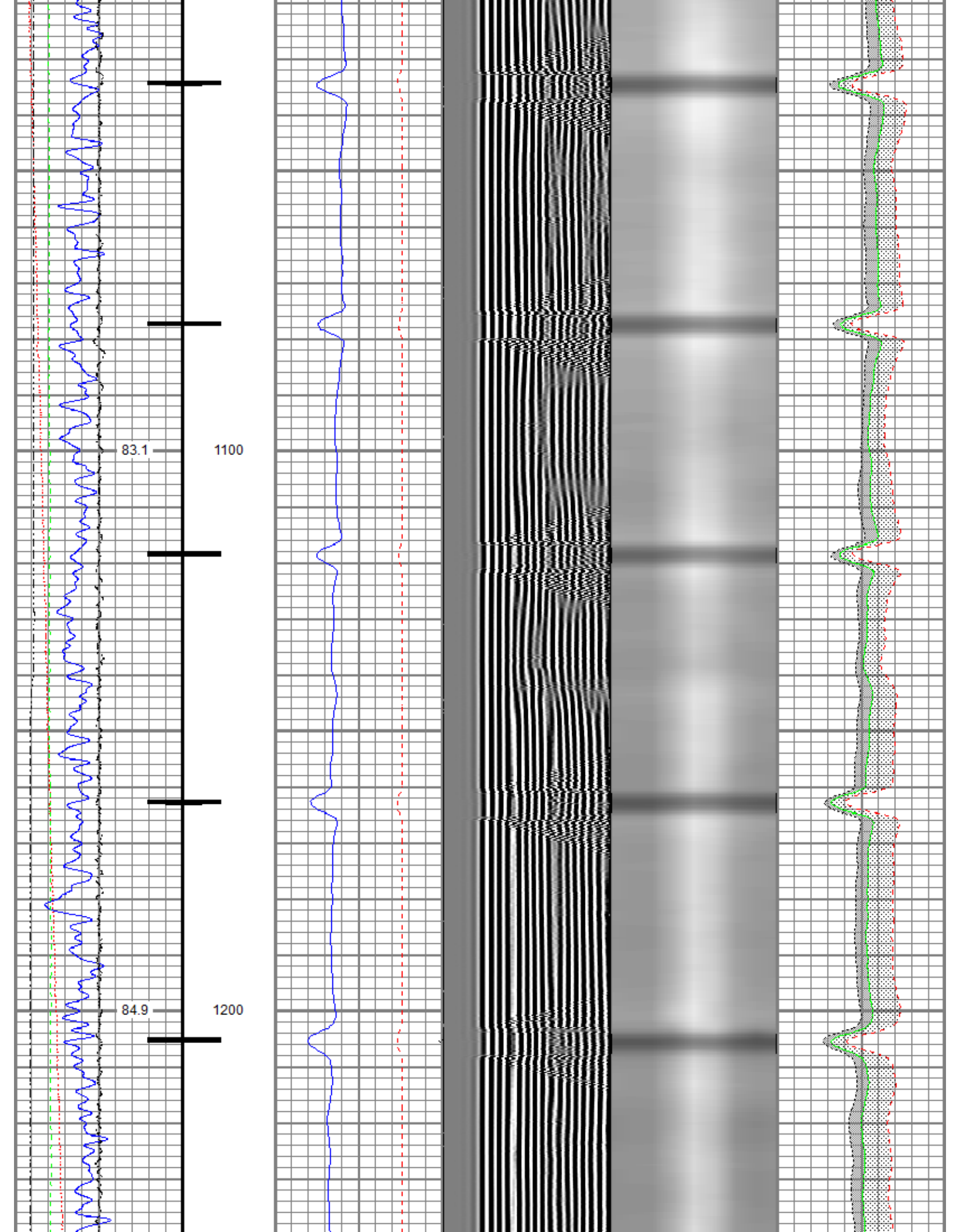


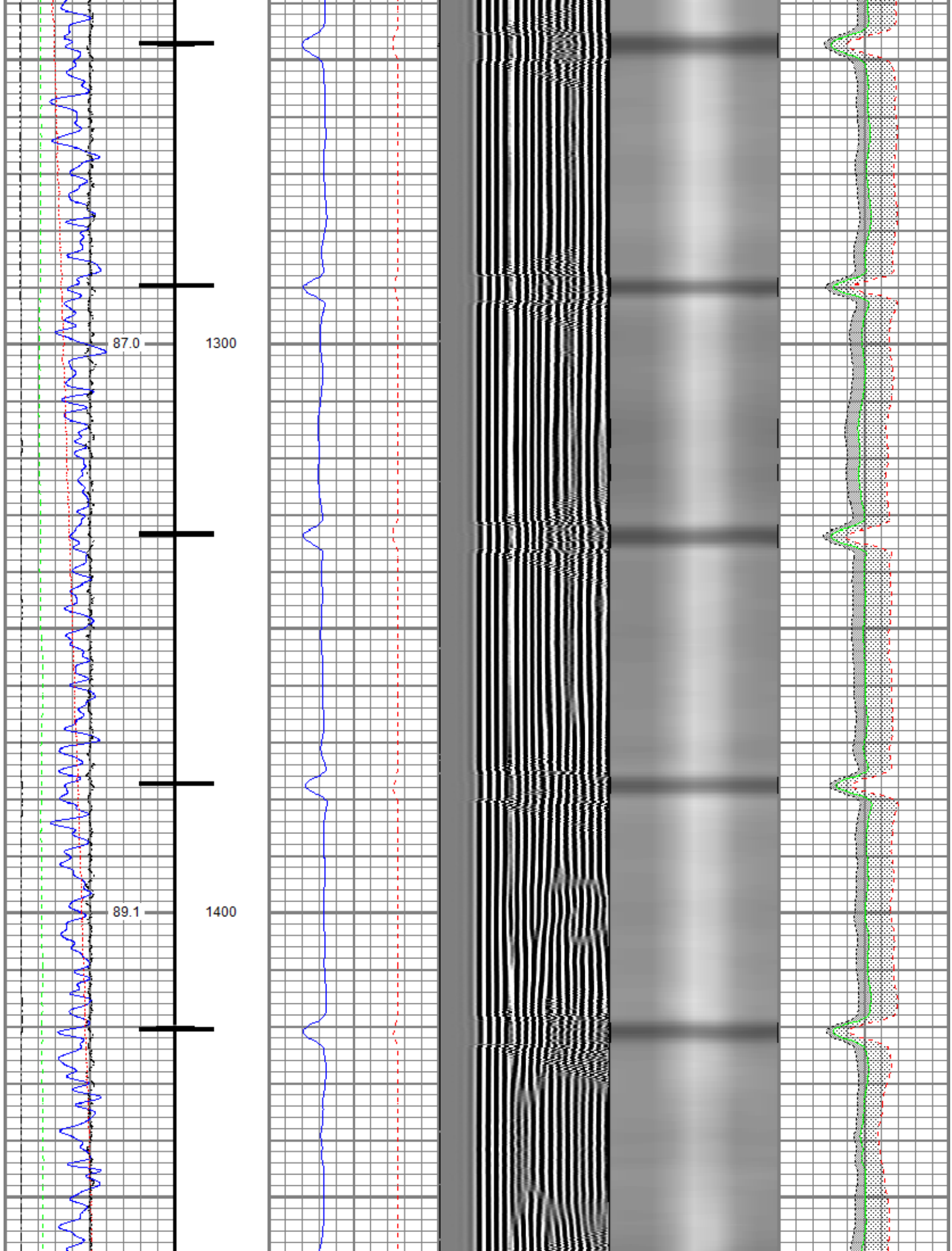


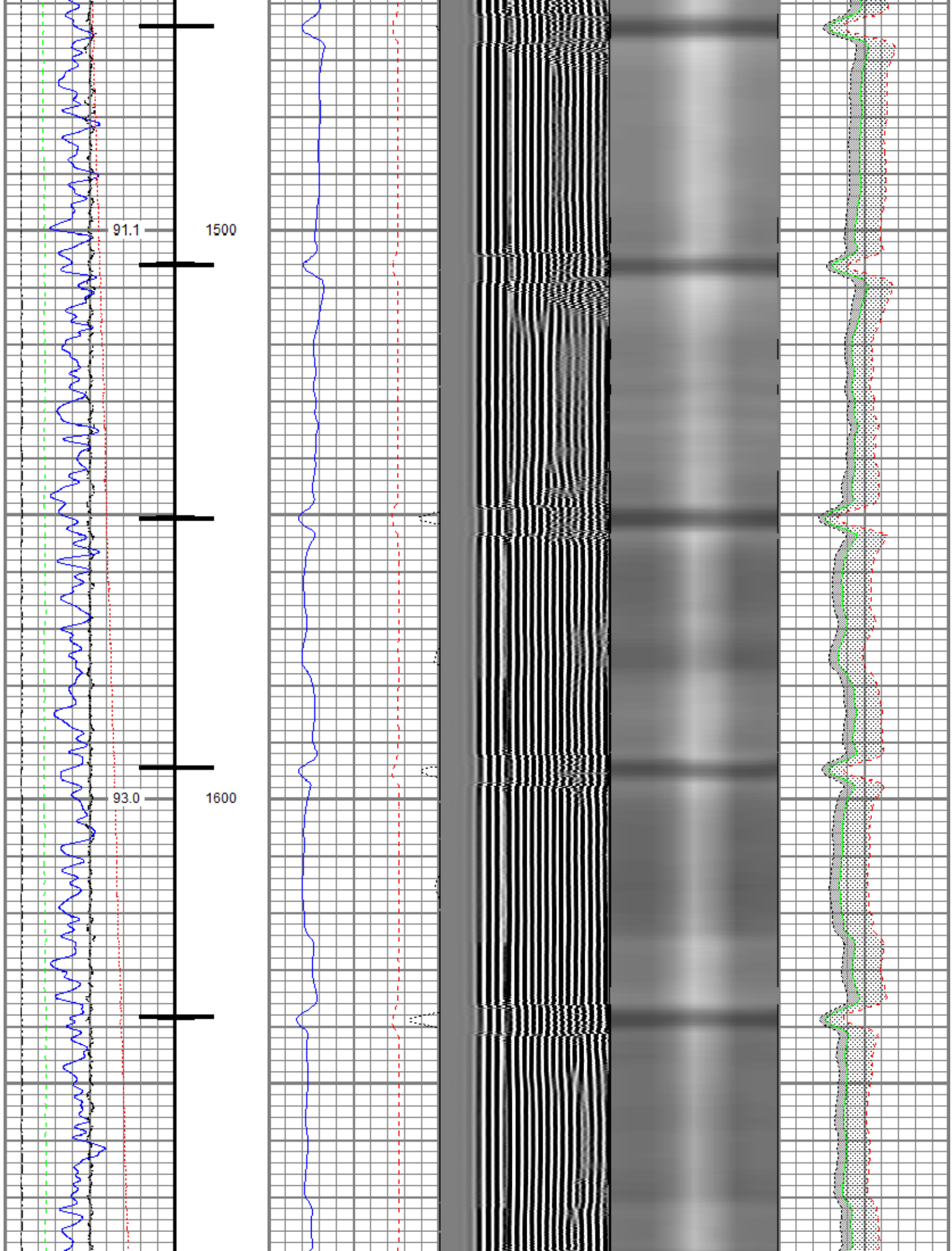


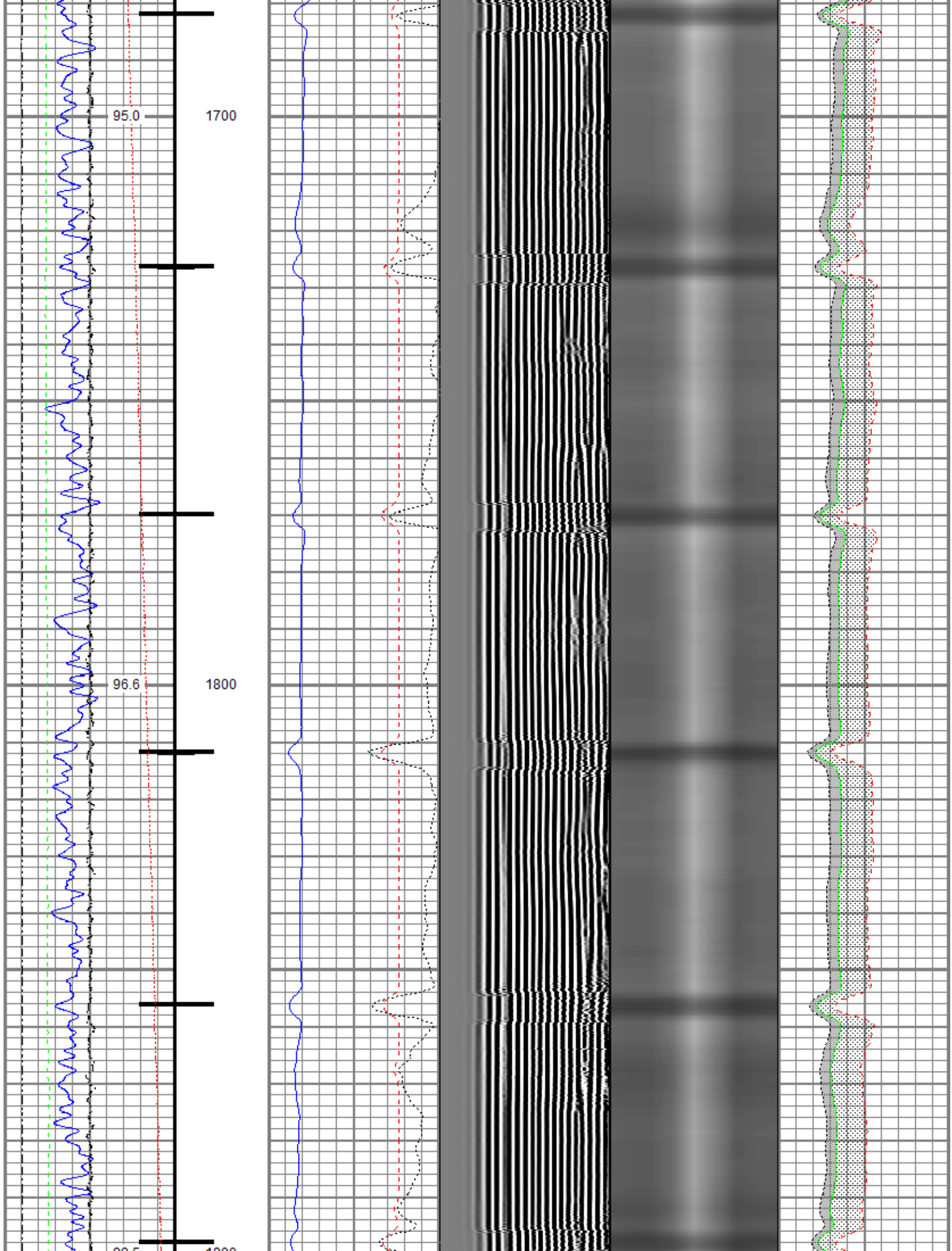


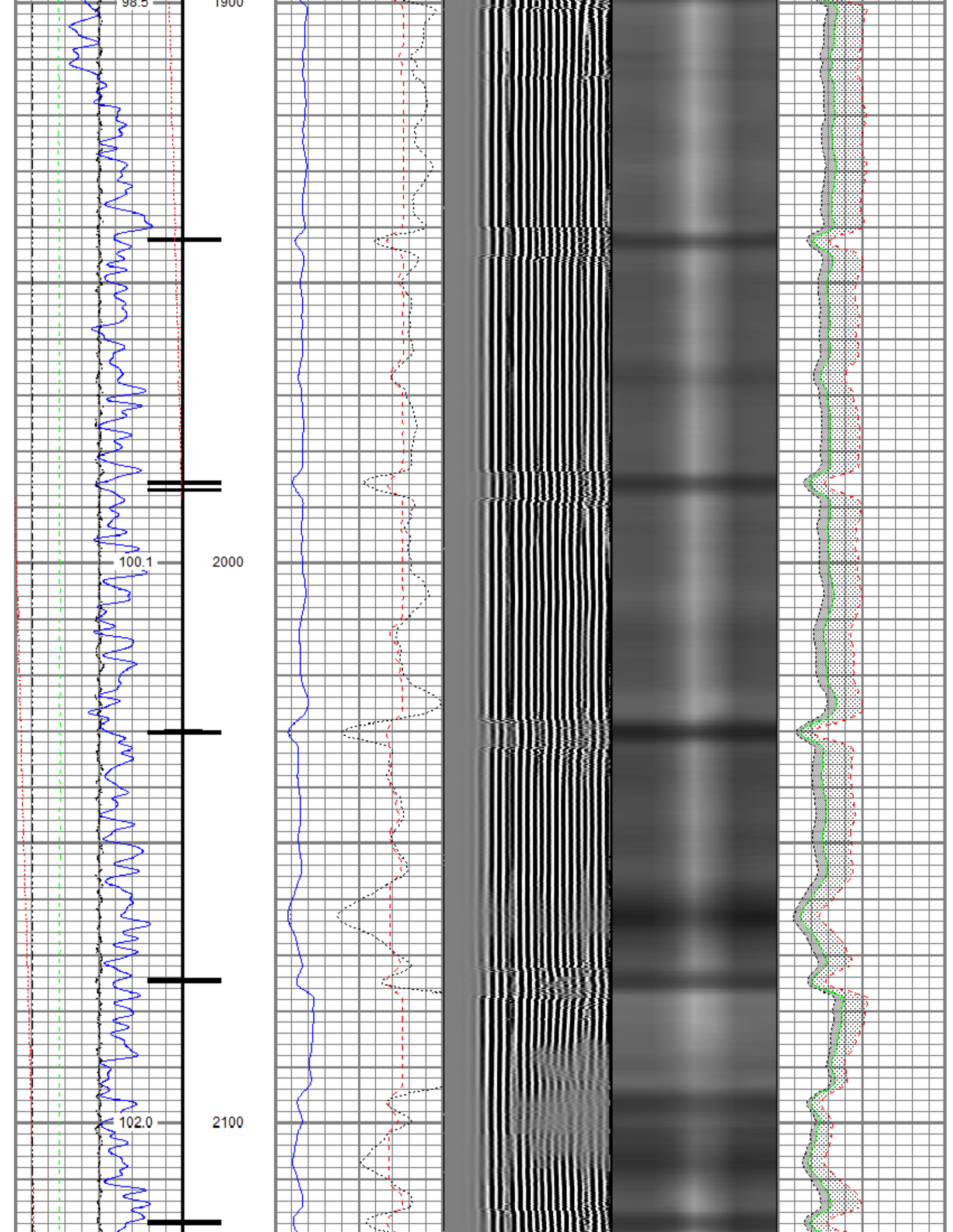


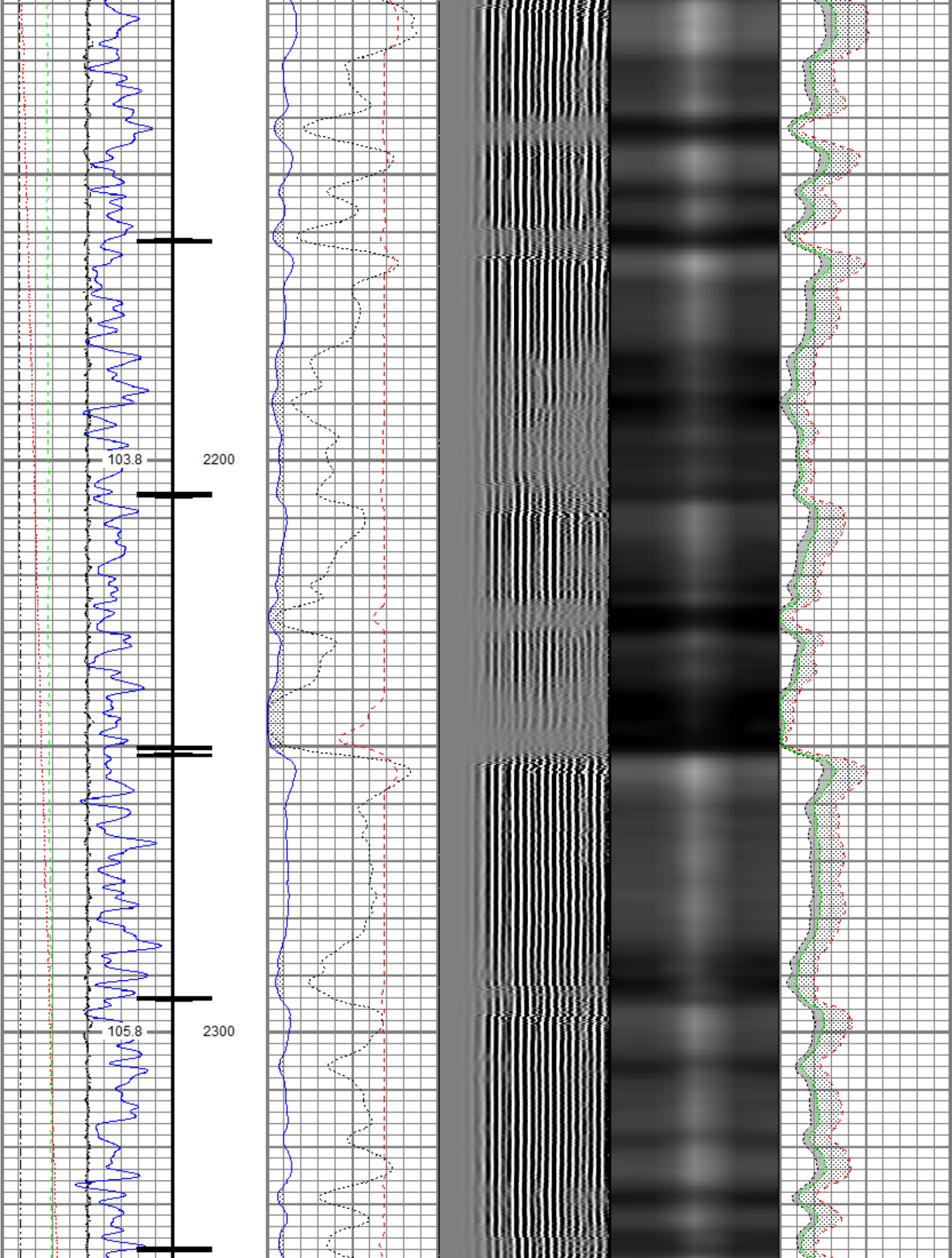


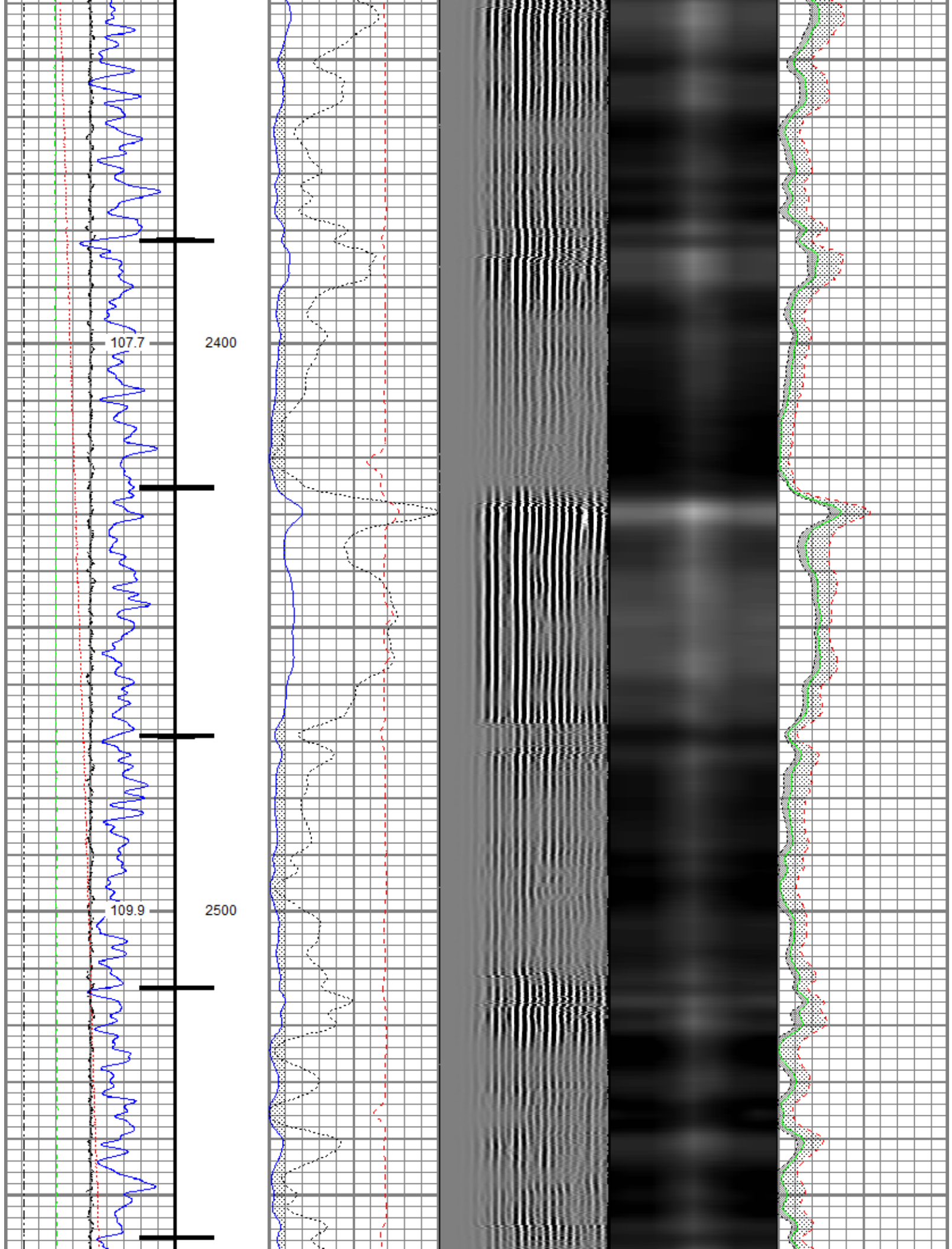


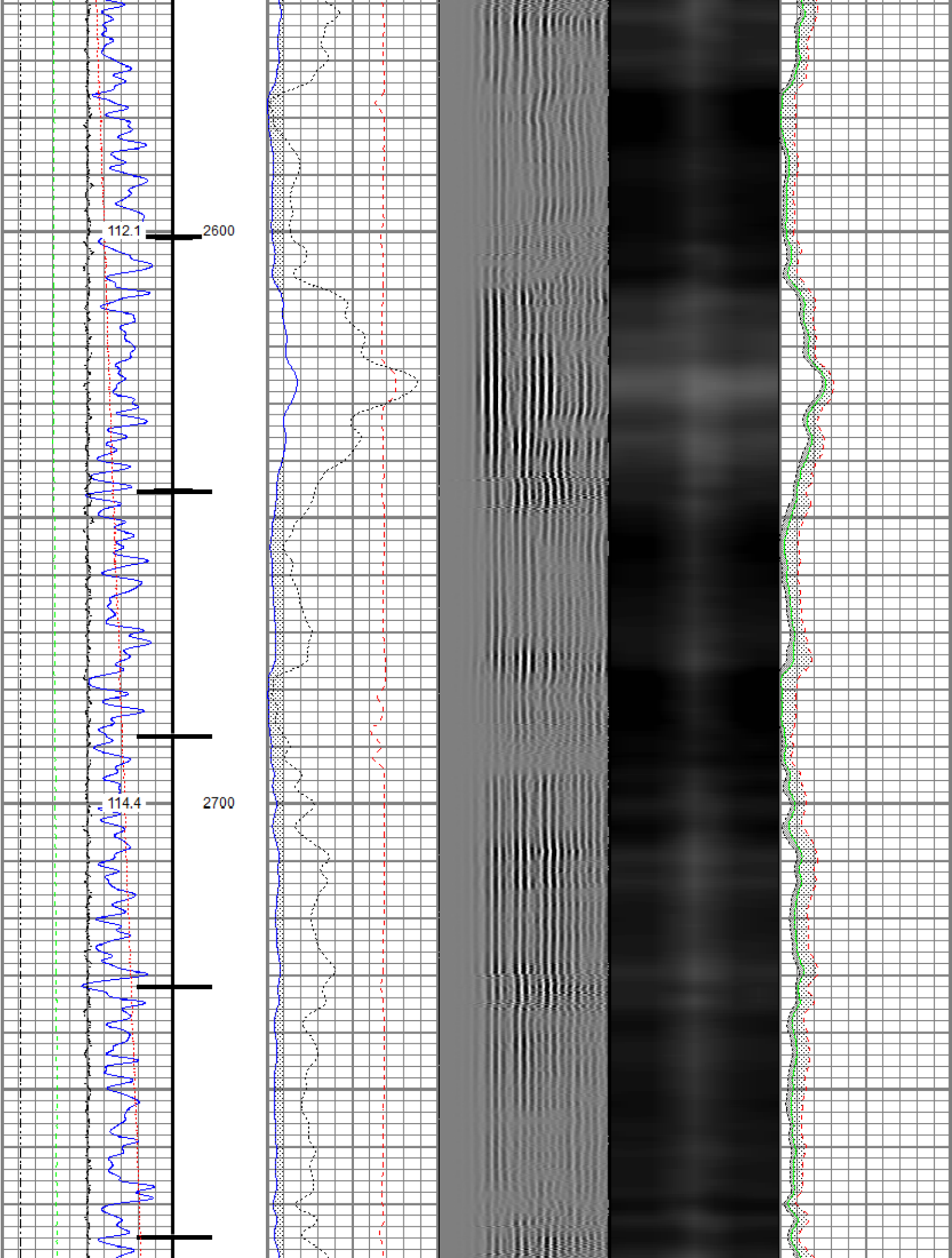


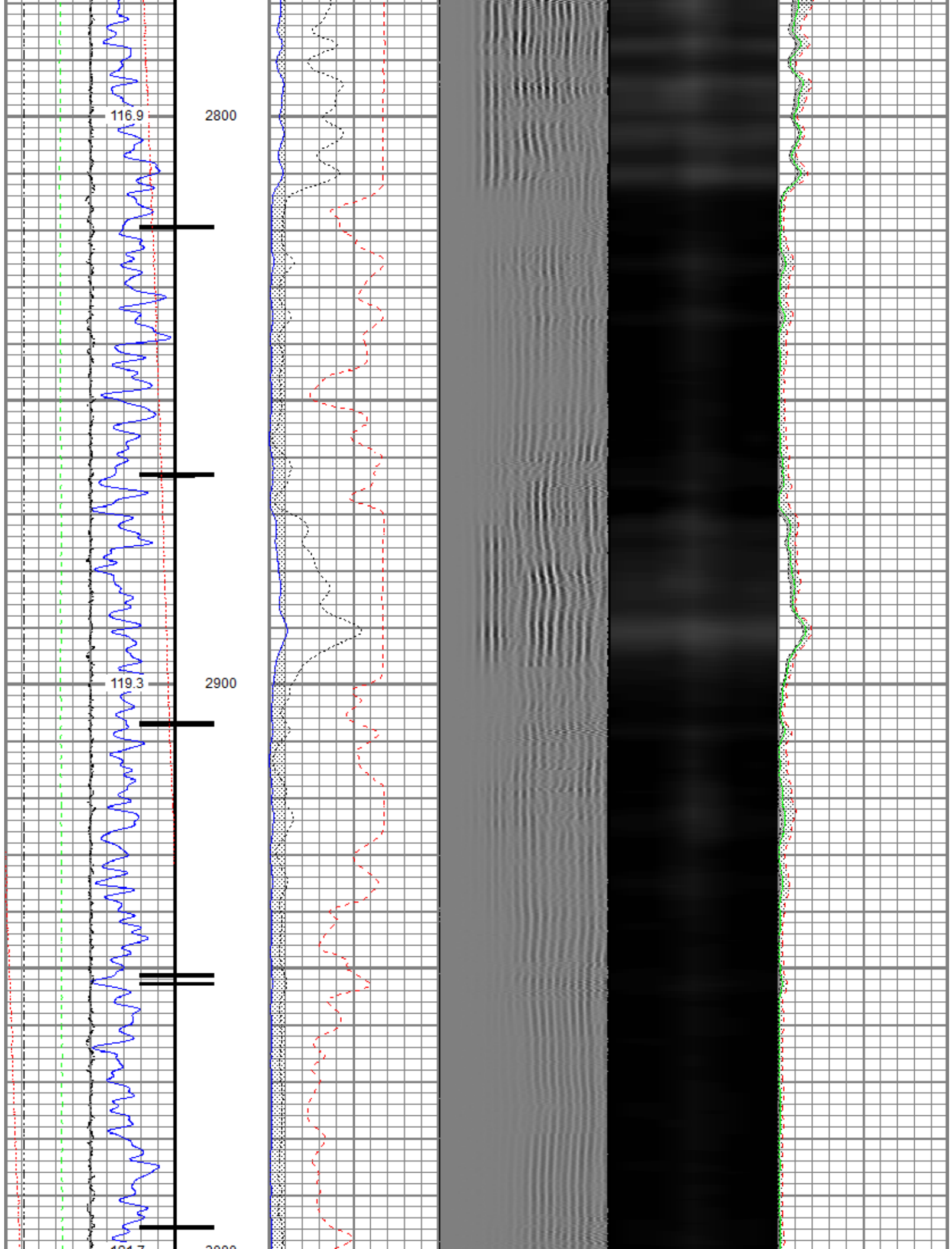


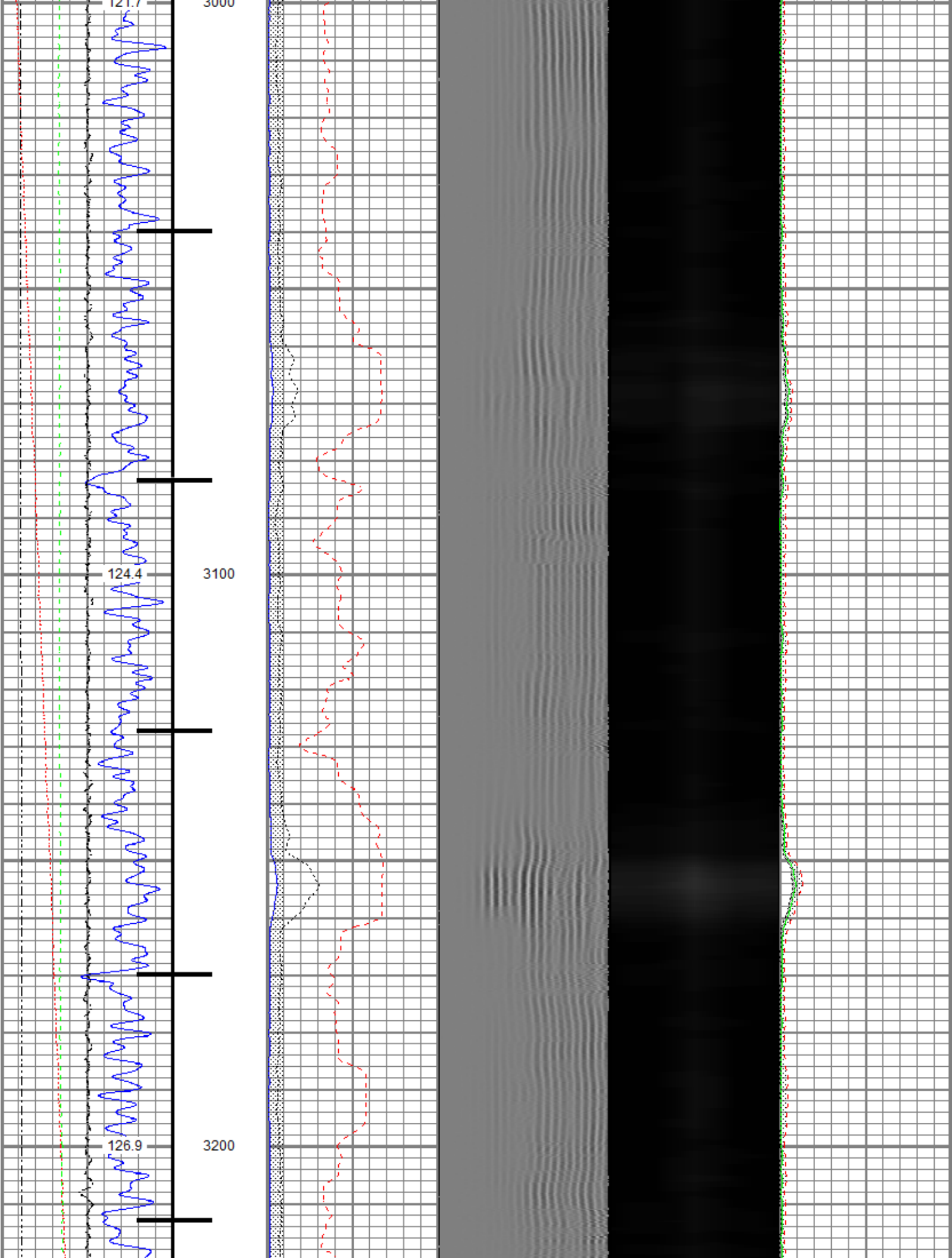


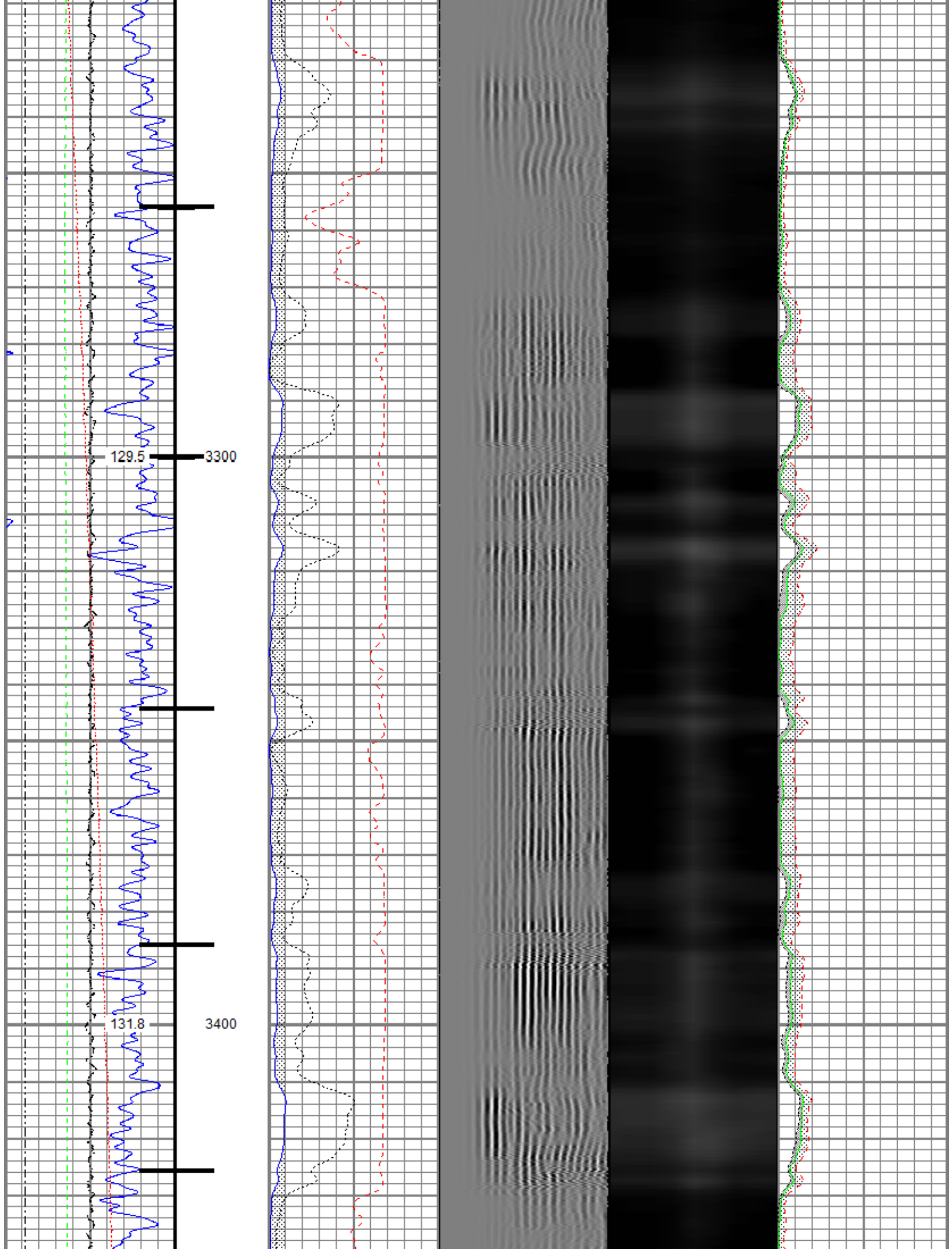


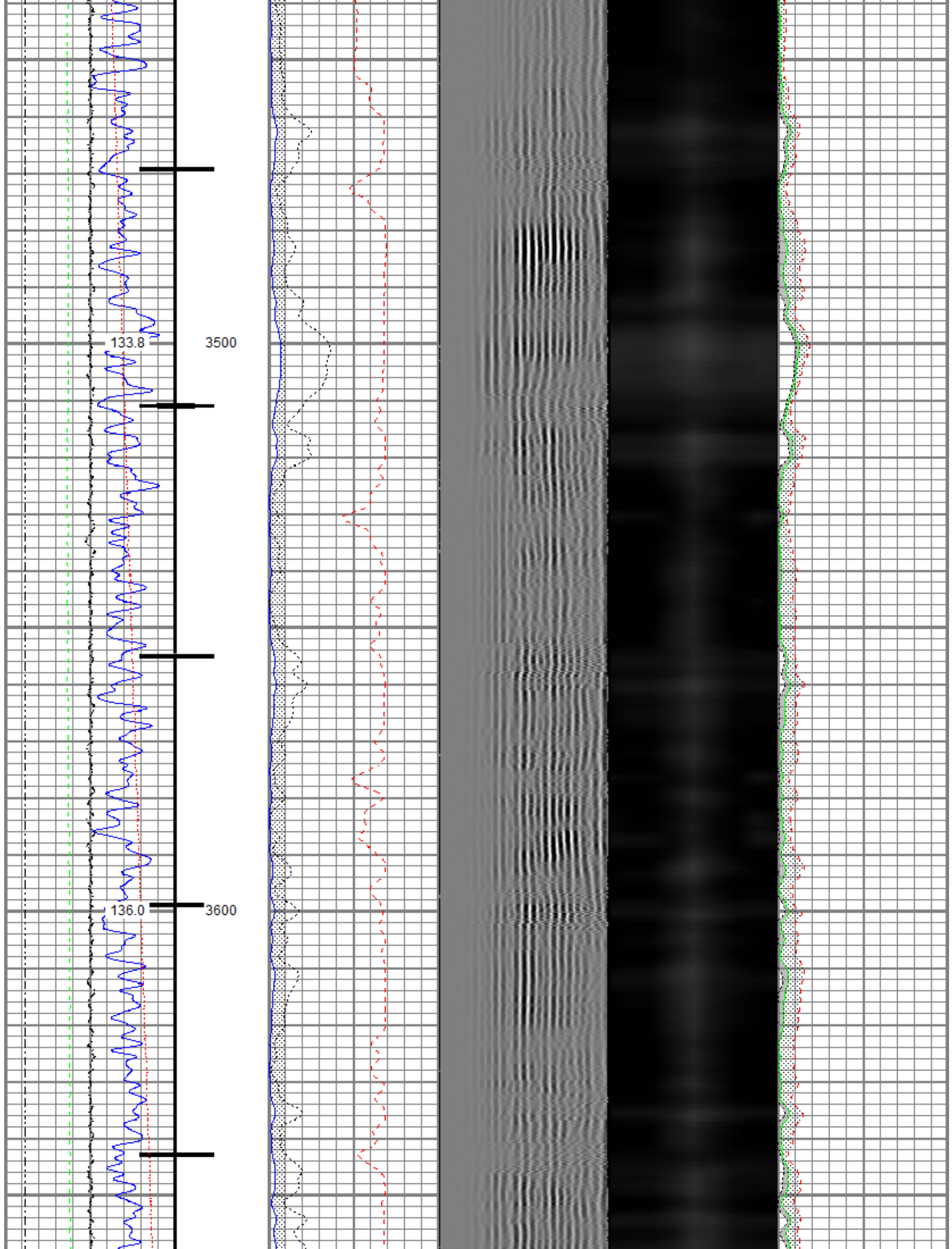


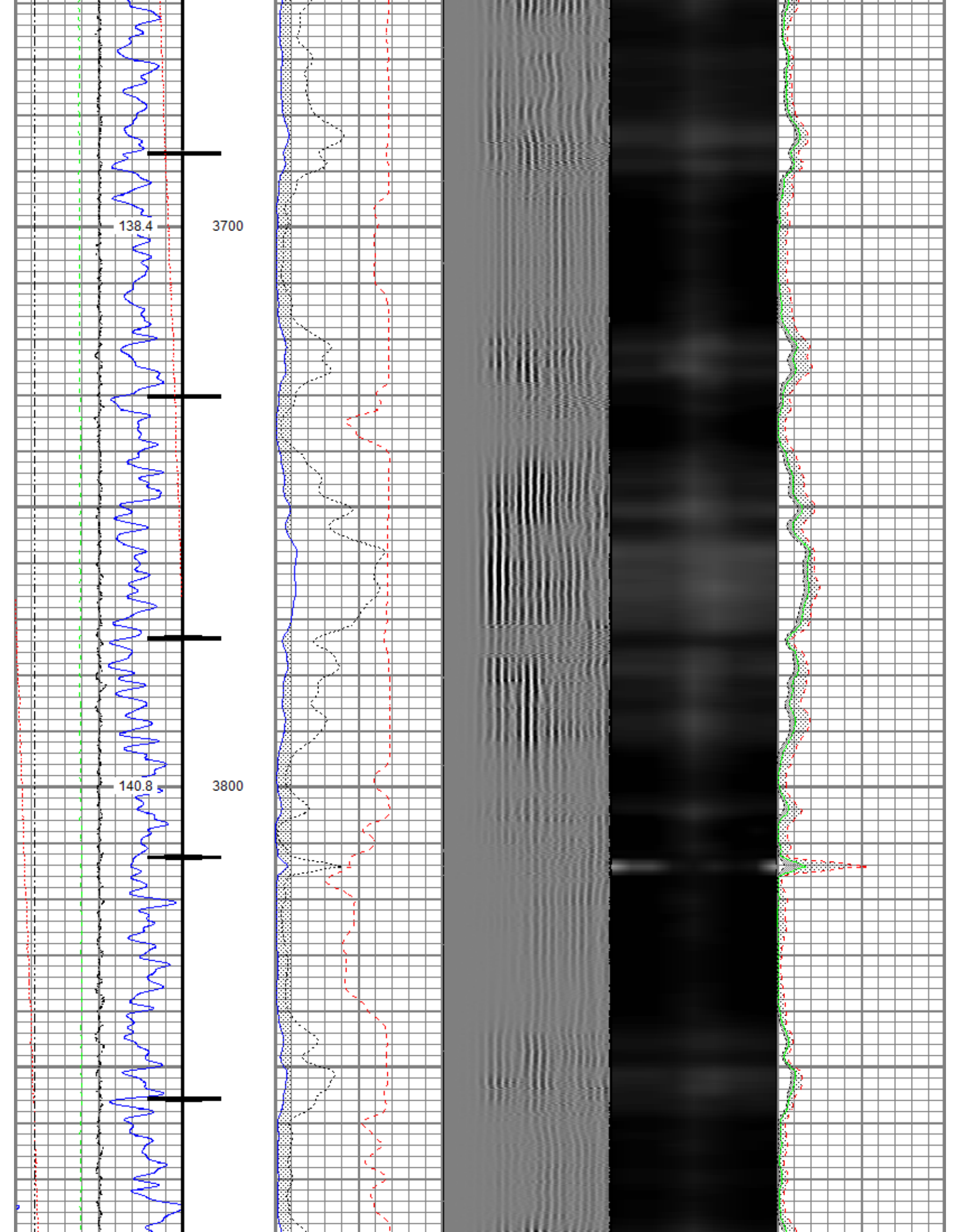


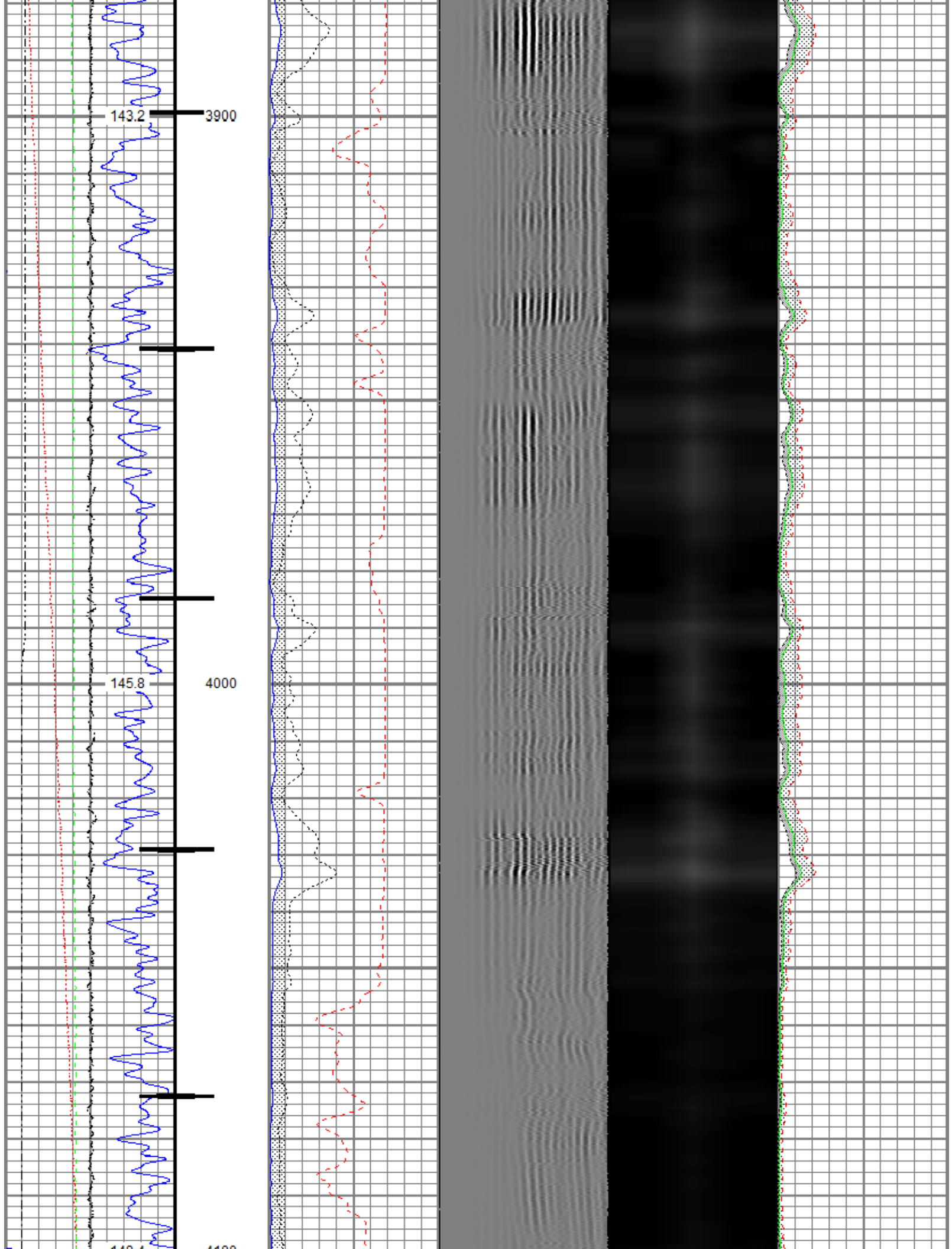


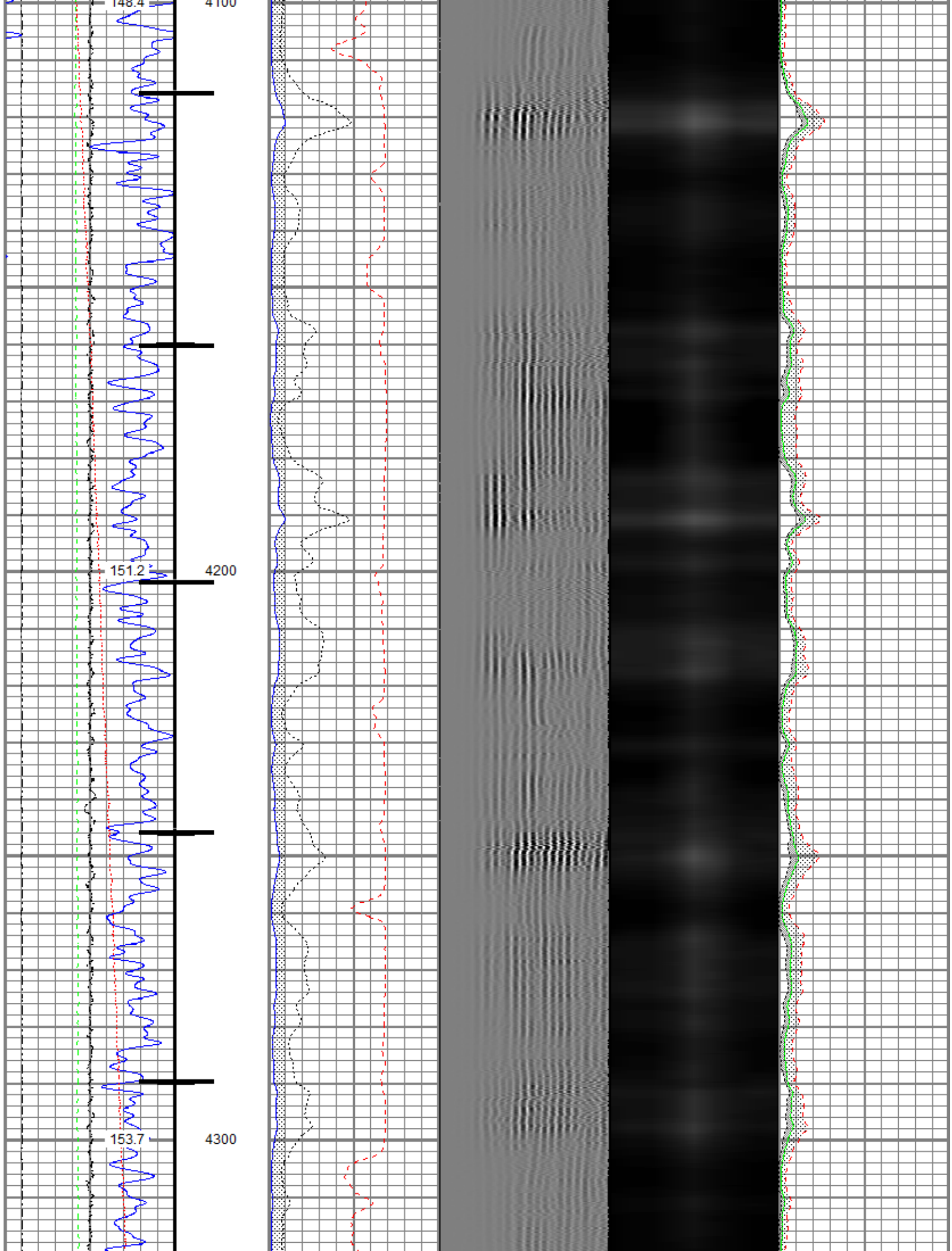


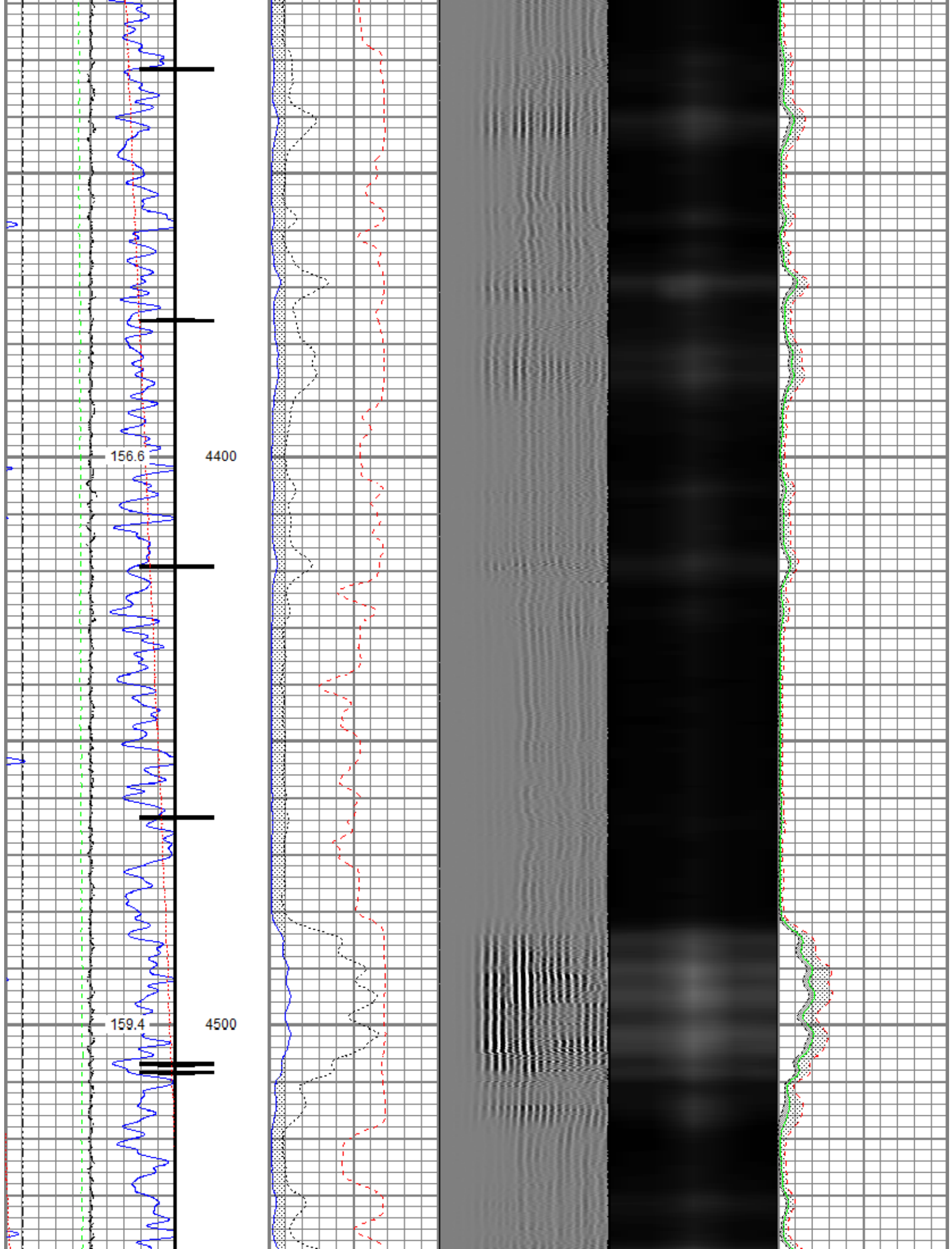


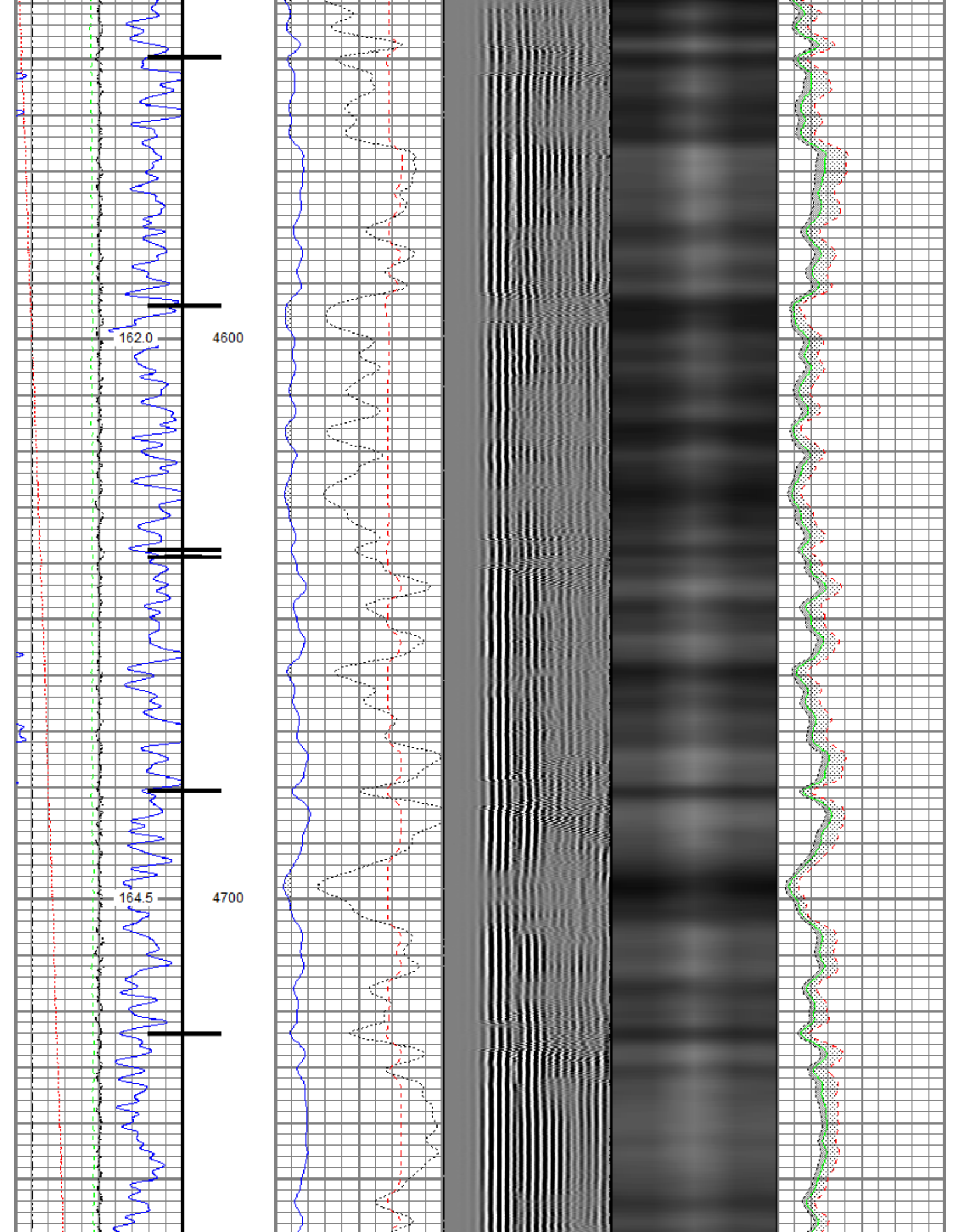


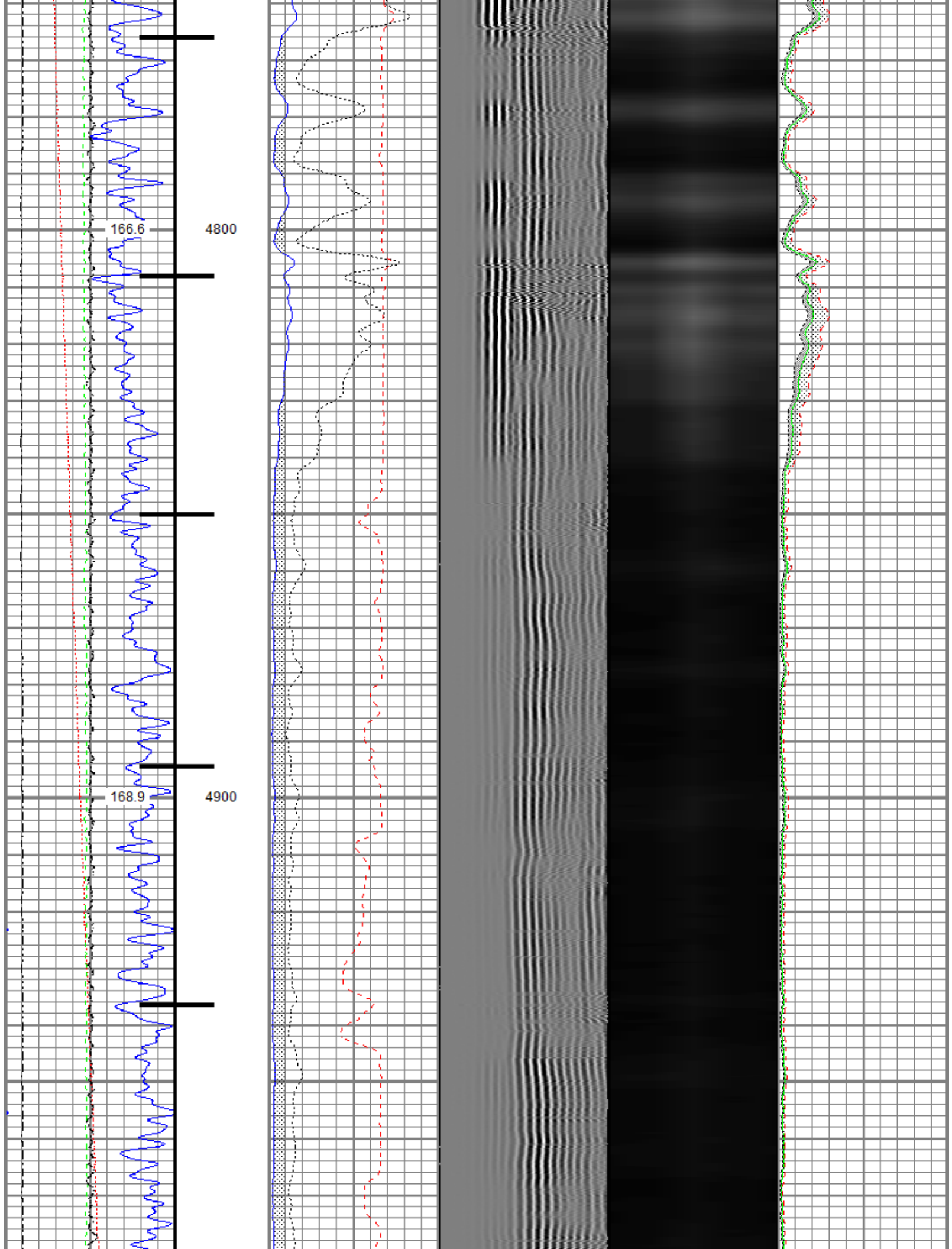


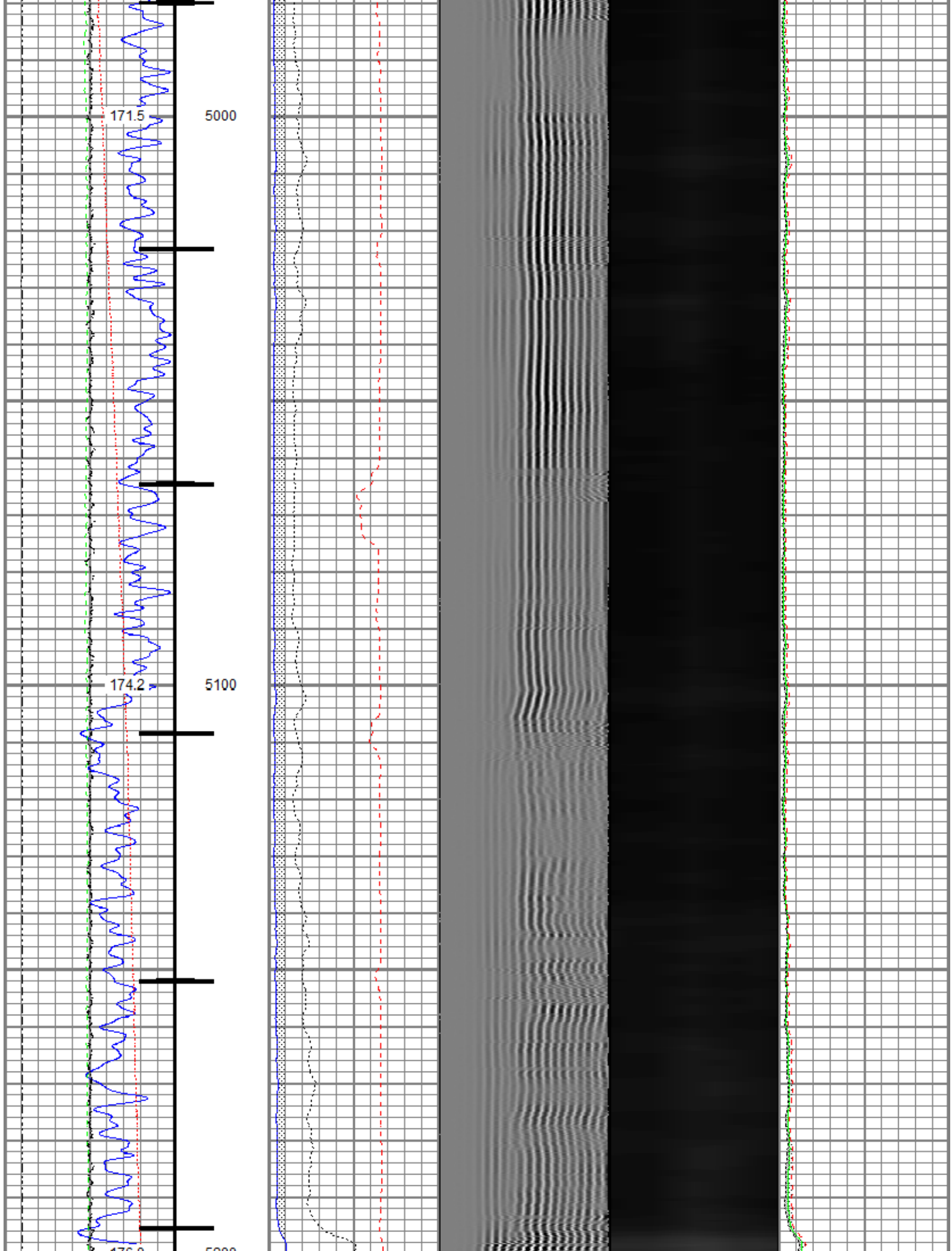


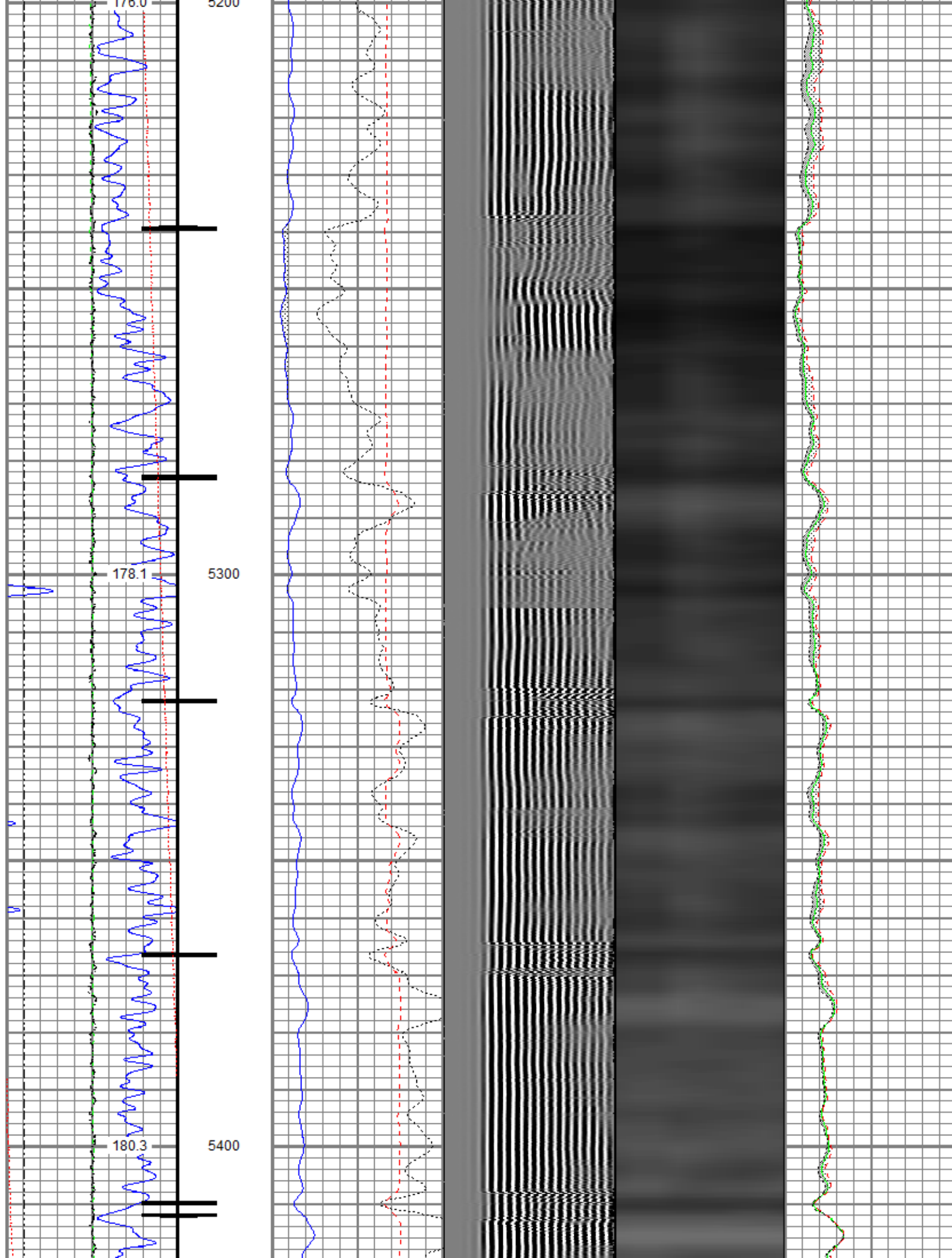


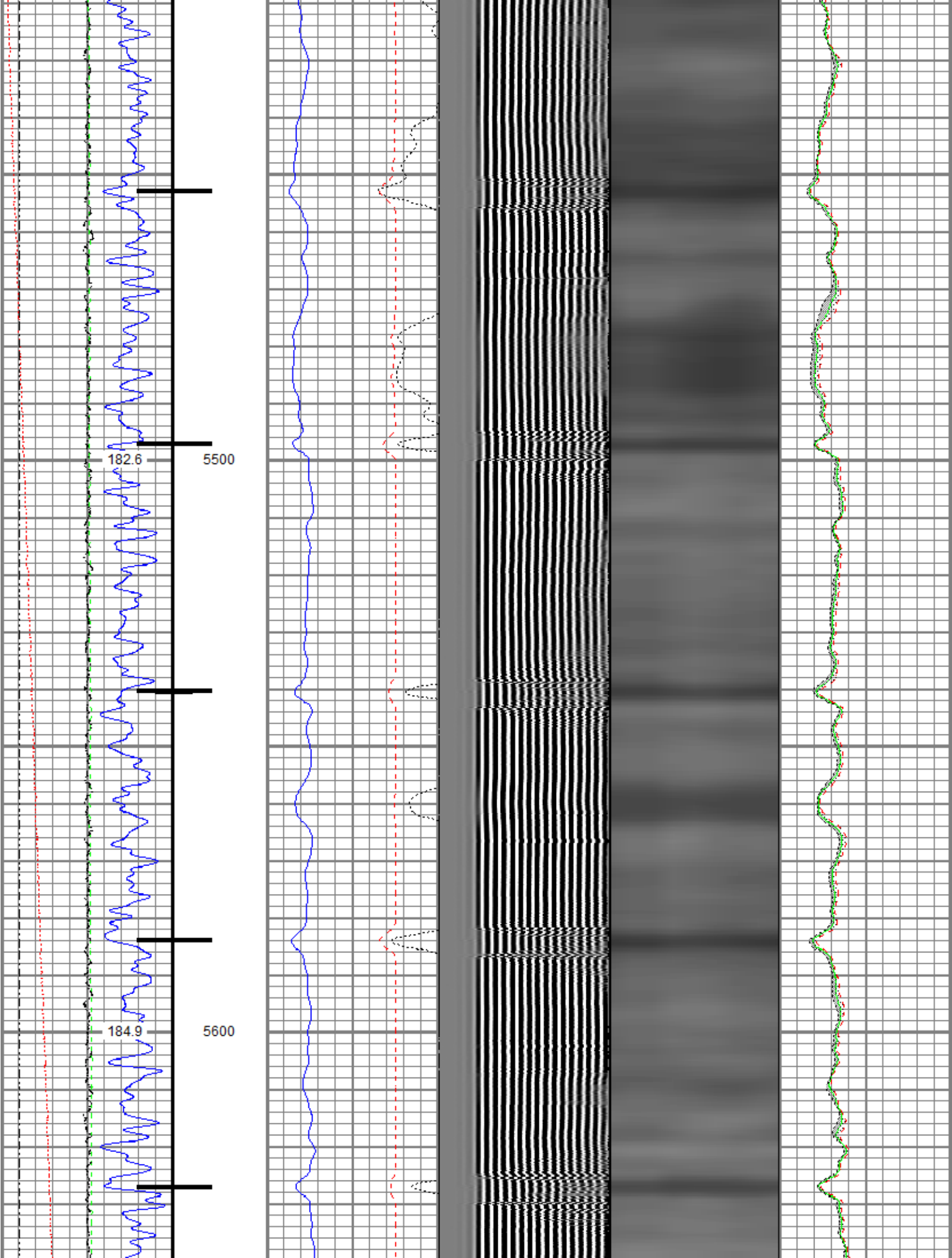


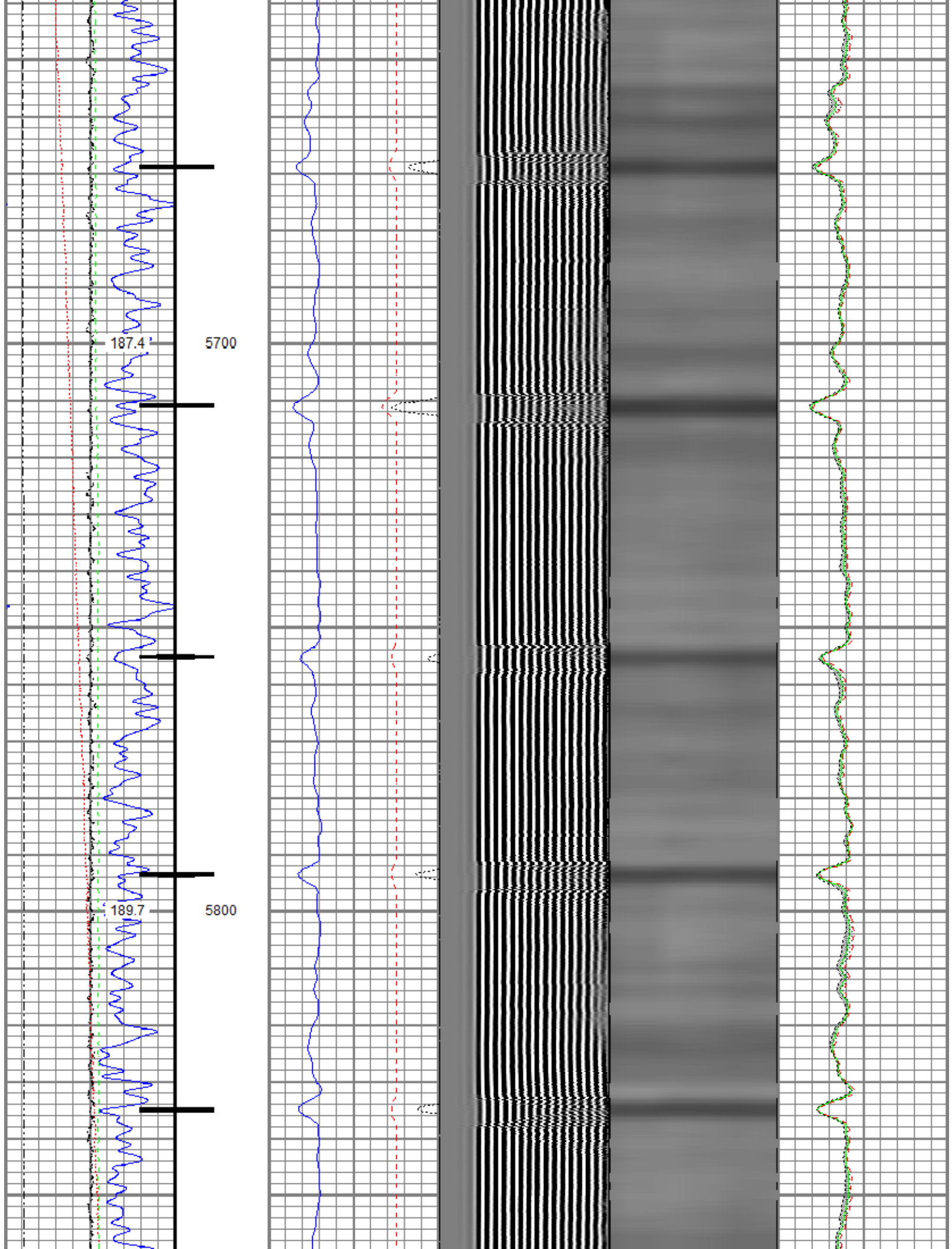


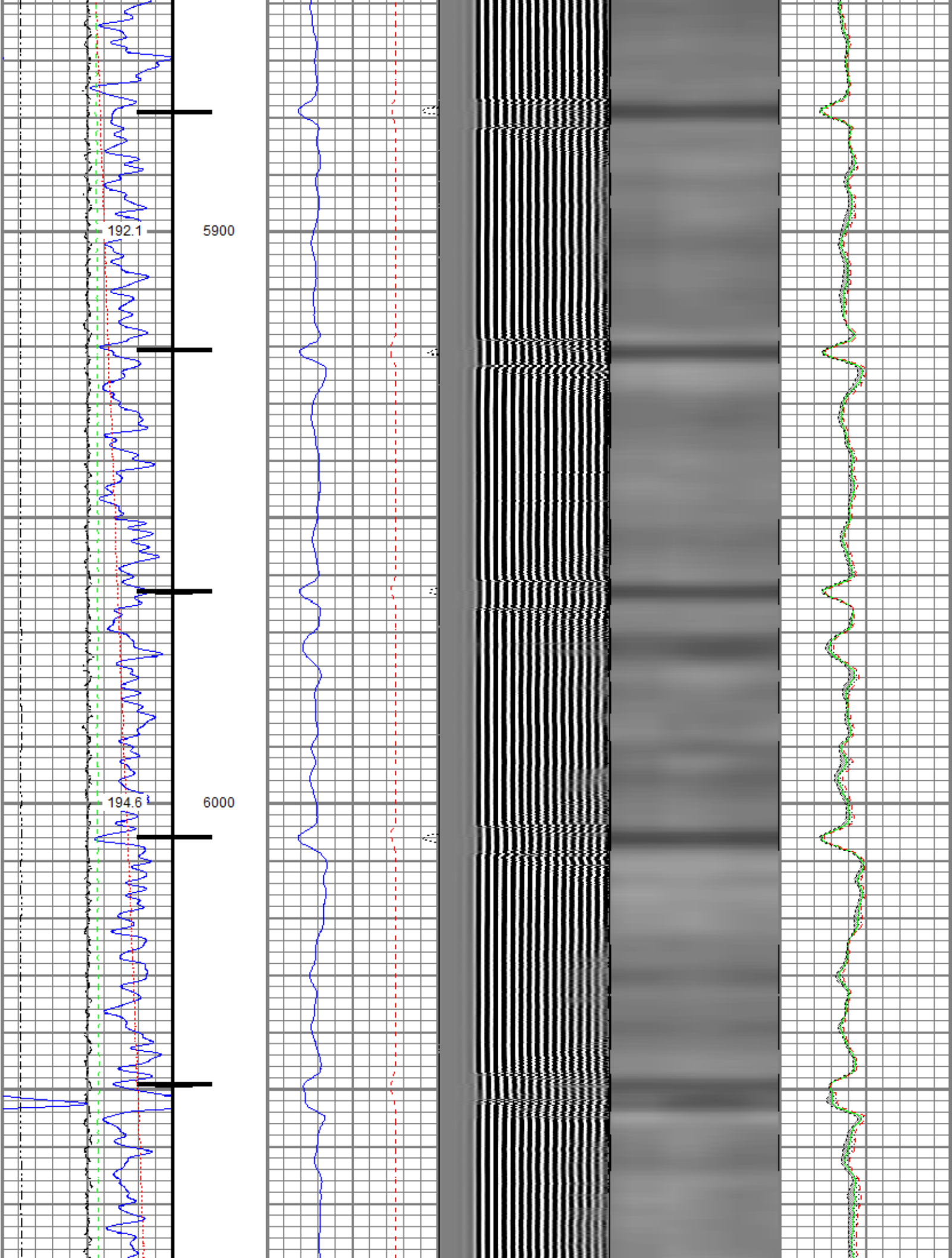


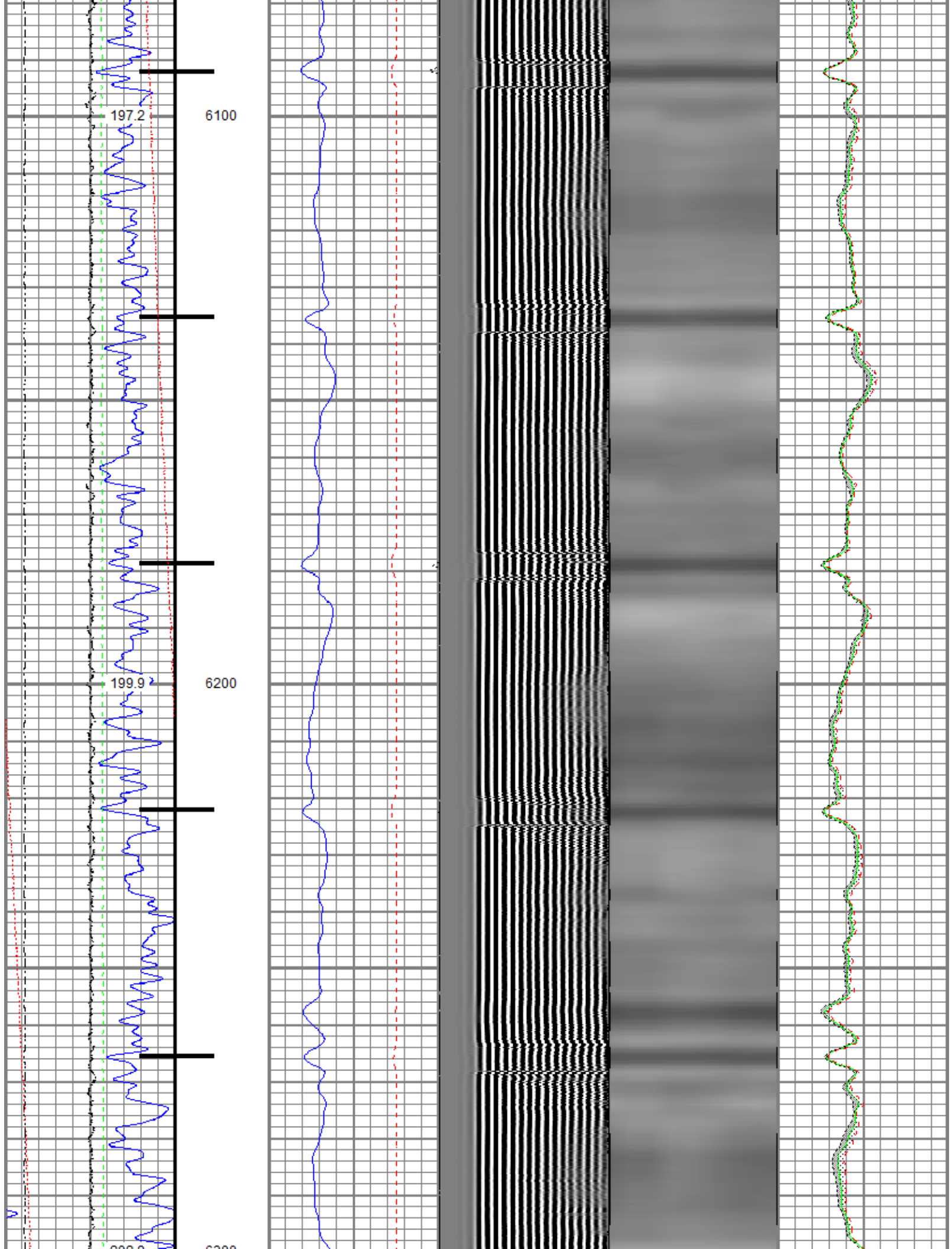


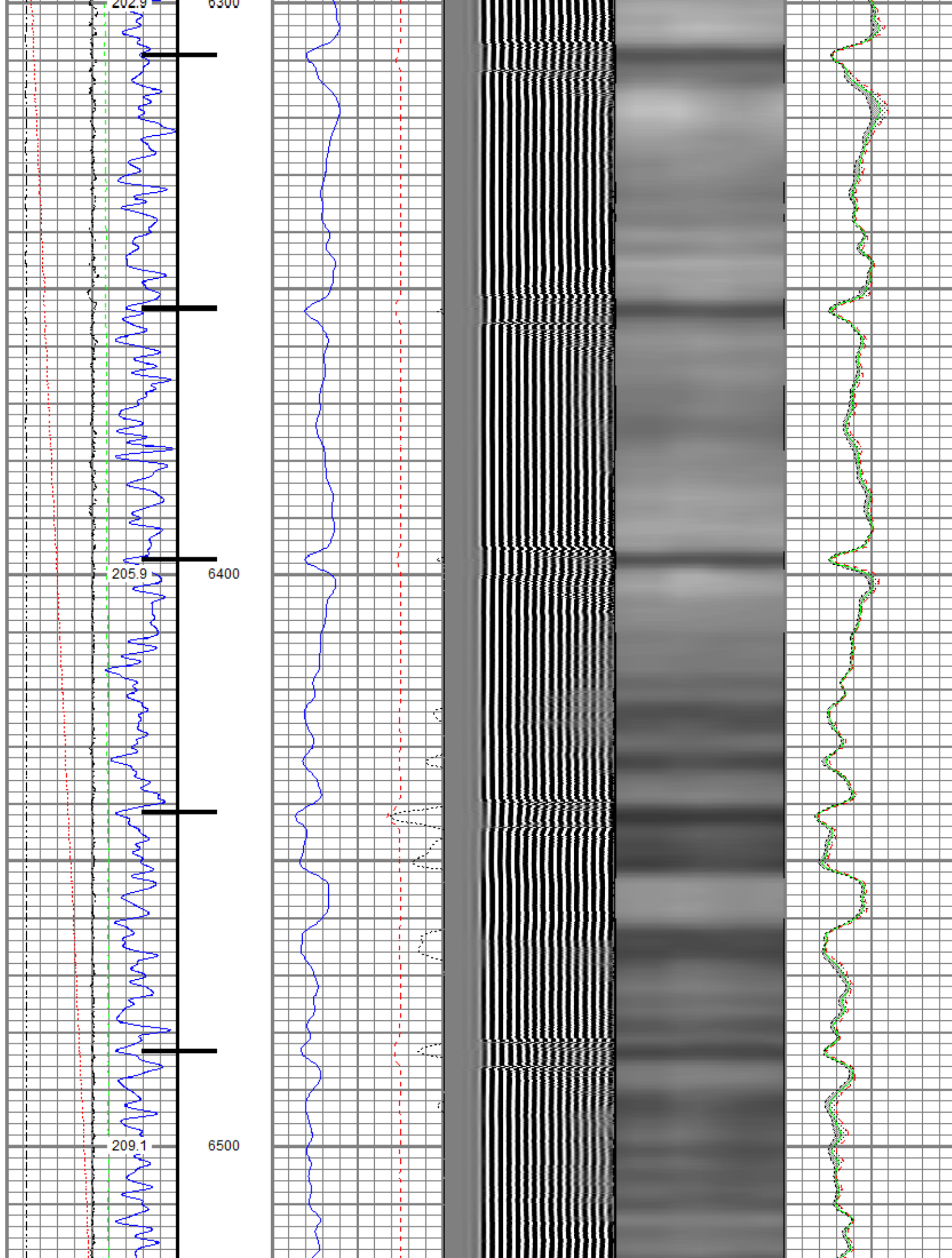


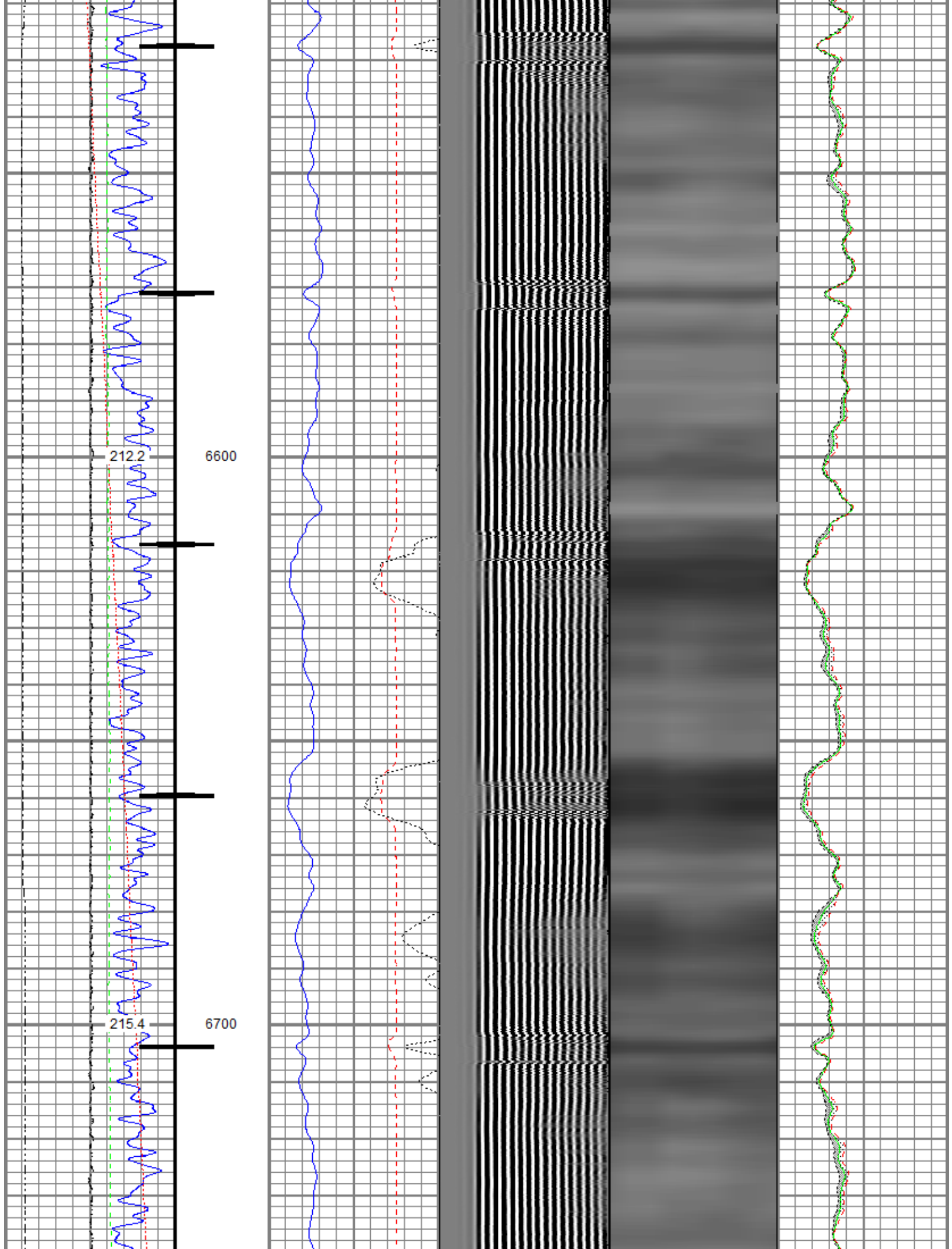


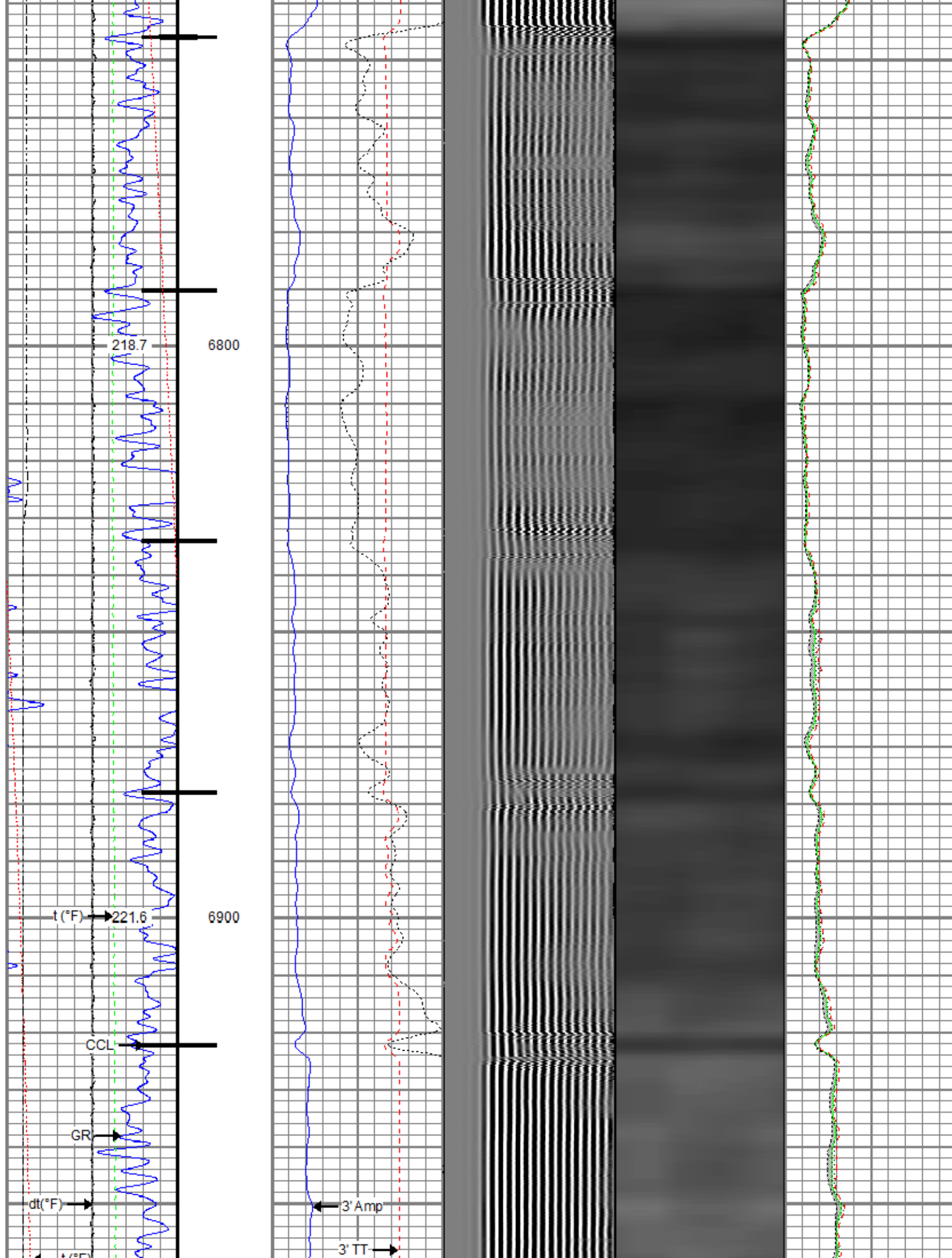


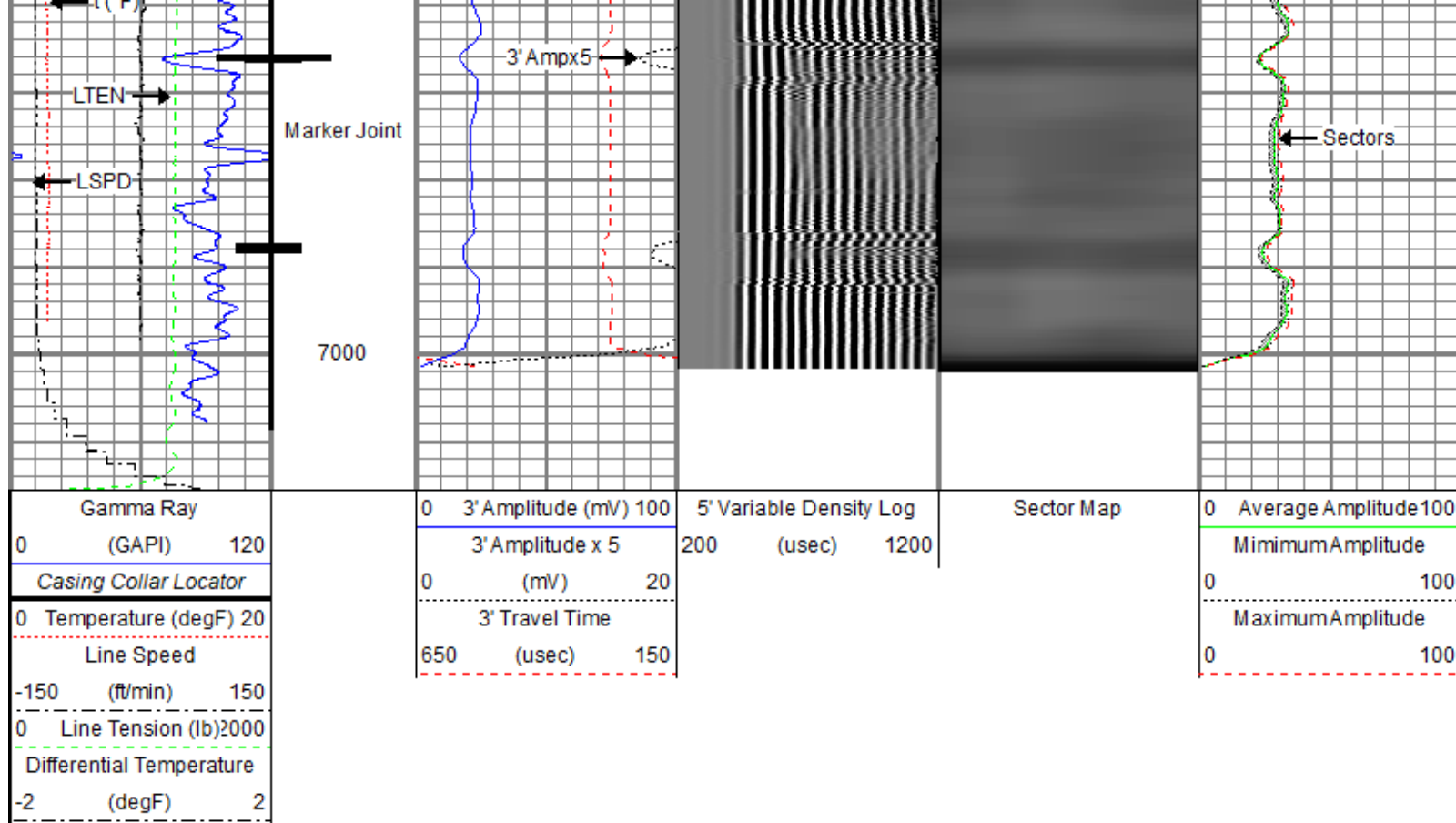








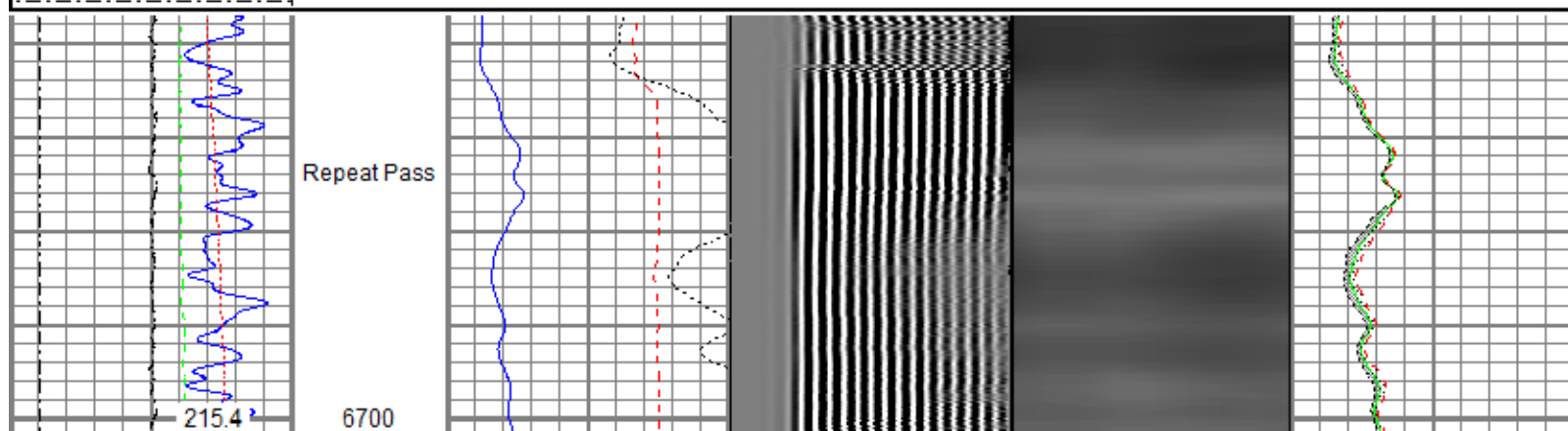
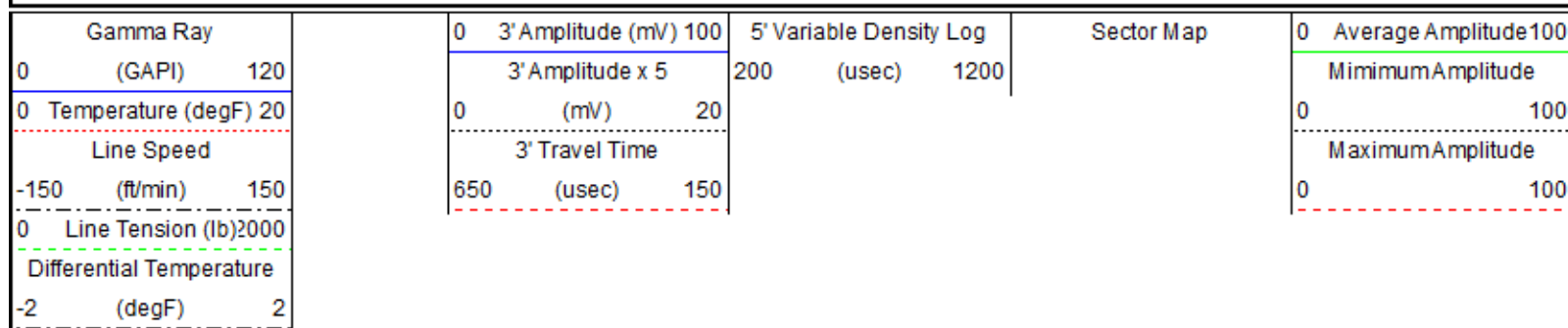


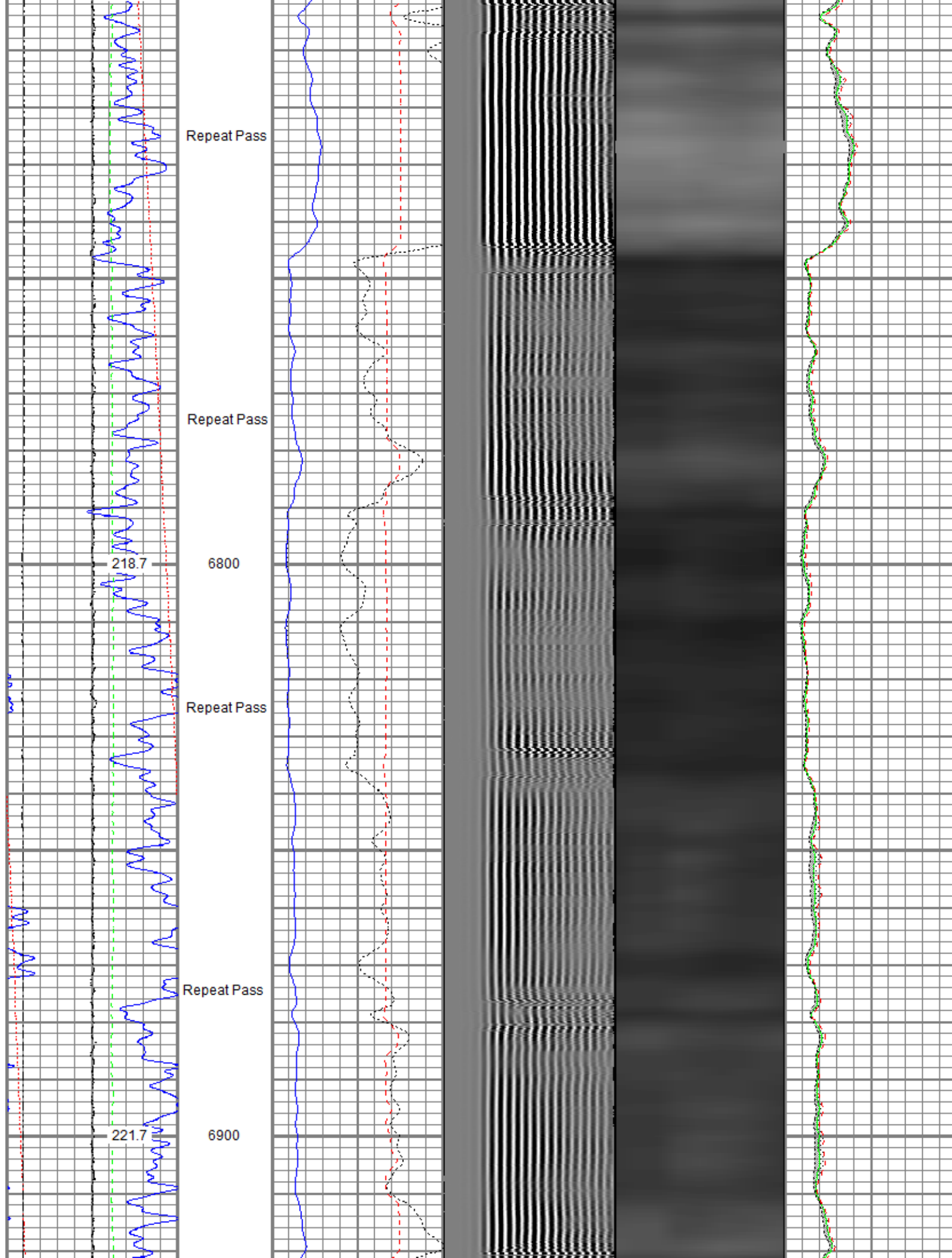


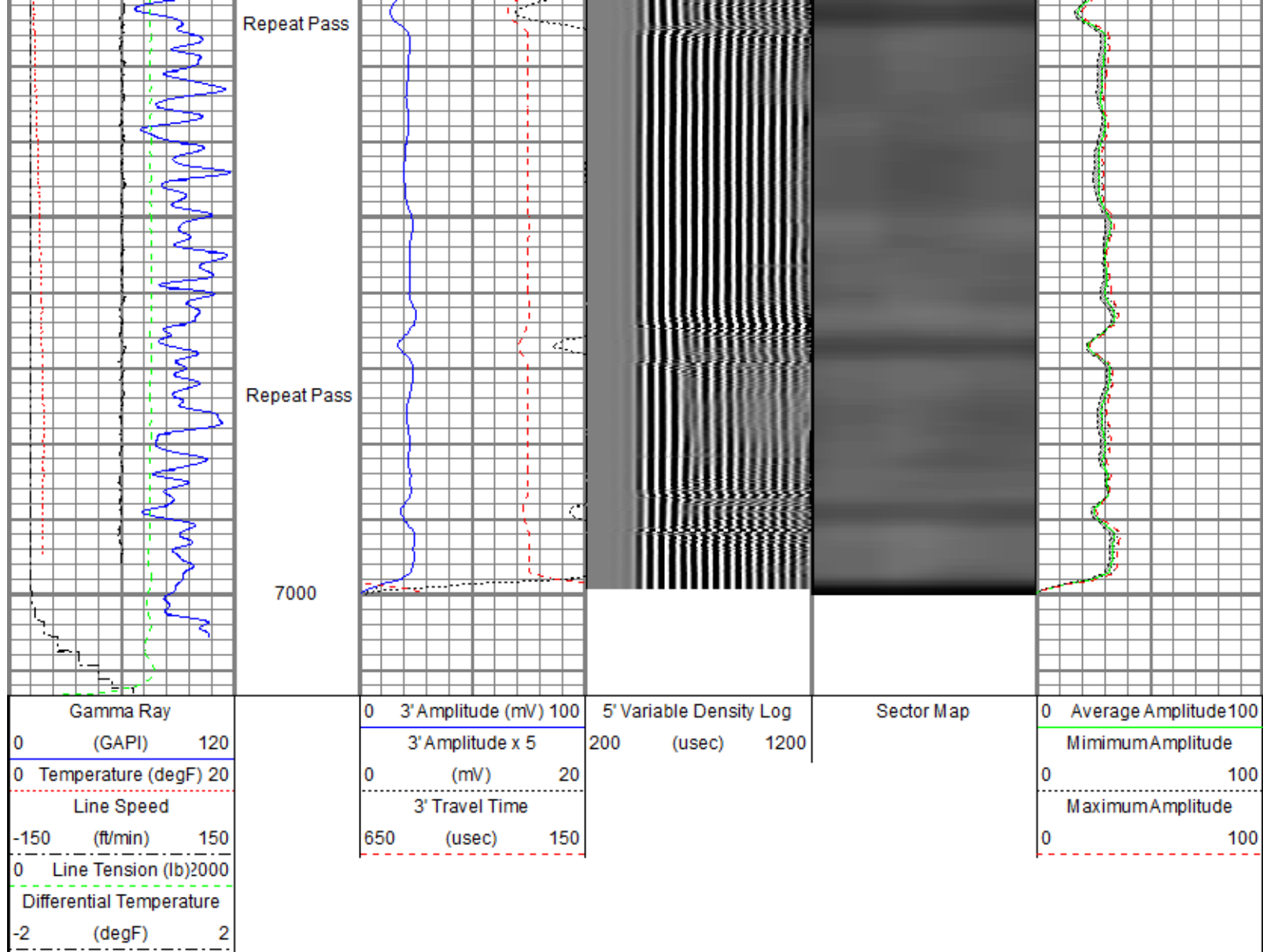
Repeat Pass

Recorded With 0 PSI Surface Induced Pressure


Database File: anadarko\0512349221_anadarko_jdb 15-2hz_rbl_07-31-19\processed_0512349221_anadarko_jdb 15-2hz_rbl_07-31-19.db
 Dataset Pathname: rbl/pass5.4
 Presentation Format: ros_radrii
 Dataset Creation: Fri Aug 02 12:00:29 2019
 Charted by: Depth in Feet scaled 1:240







Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Titan CHD-14375 GO	1.03	1.44	3.60
			Titan 1-7/16" Assembled Electric Cable Head with 1" Fishing Neck			
			Probe CENT-2750	2.88	2.75	20.00
			Probe 2-3/4" Electric Inline Bowspring Centralizer			
TEMP	17.04		Probe Radii-2750 RBT (FW1308-091)	9.39	2.75	105.00
WVFS3	14.81		Probe 2-3/4" Radial Cement Bond Tool with Integral Temperature Sub			
WVFS8	14.81					
WVFS7	14.81					

WVFS7	14.81					
WVFS6	14.81					
WVFS5	14.81					
WVFS4	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

Dataset: processed_0512349221_anadarko_jdb 15-2hz_rbl_07-31-19.db: field/well/rbl/pass8.6
 Total length: 23.86 ft
 Total weight: 223.60 lb
 O.D.: 2.75 in

Calibration Report

Database File c:\programdata\warrior\data\anadarko\0512349221_anadarko_jdb 15-2hz_rbl_07-31-19\processed_0512349221_anadarko_jdb
 Dataset Pathname rbl/pass8.6
 Dataset Creation Fri Aug 02 11:16:15 2019

Gamma Ray Calibration Report

Serial Number: 101001
 Tool Model: 2750 6PB
 Performed: Mon Oct 01 11:32:32 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: FW1308-091
 Tool Model: 2750 RBT
 Calibration Casing Diameter: 5.500 in
 Calibration Depth: -14.971 ft

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.006	0.599	0.800	71.921	119.936	0.023
CAL	0.006	0.617				
5'	0.006	0.556	0.800	71.921	129.414	-0.026
SUM						
S1	0.006	0.594	0.000	100.000	170.273	-1.083
S2	0.006	0.595	0.000	100.000	169.927	-1.101
S3	0.006	0.594	0.000	100.000	170.093	-1.073
S4	0.006	0.613	0.000	100.000	164.799	-1.030
S5	0.006	0.610	0.000	100.000	165.686	-1.060
S6	0.006	0.610	0.000	100.000	165.602	-1.013
S7	0.006	0.607	0.000	100.000	166.629	-1.072
S8	0.006	0.603	0.000	100.000	167.625	-1.029

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.006	0.617	1.000	0.000

Air Zero Calibration, performed Wed Jul 31 06:28:17 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: FW1308-091
Tool Model: 2750 RBT
Performed: Mon Oct 01 11:32:16 2018

	Reference	Reading
Low Reference:	100.00 degF	104.72 degF
High Reference:	350.00 degF	392.24 degF

Gain: 0.87
Offset: 8.94
Delta Spacing: 1



Company: Kerr-McGee Oil & Gas Onshore, L.P.
Well: JDB 15-2HZ
Field: Wattenberg
County: Weld
State: Colorado

