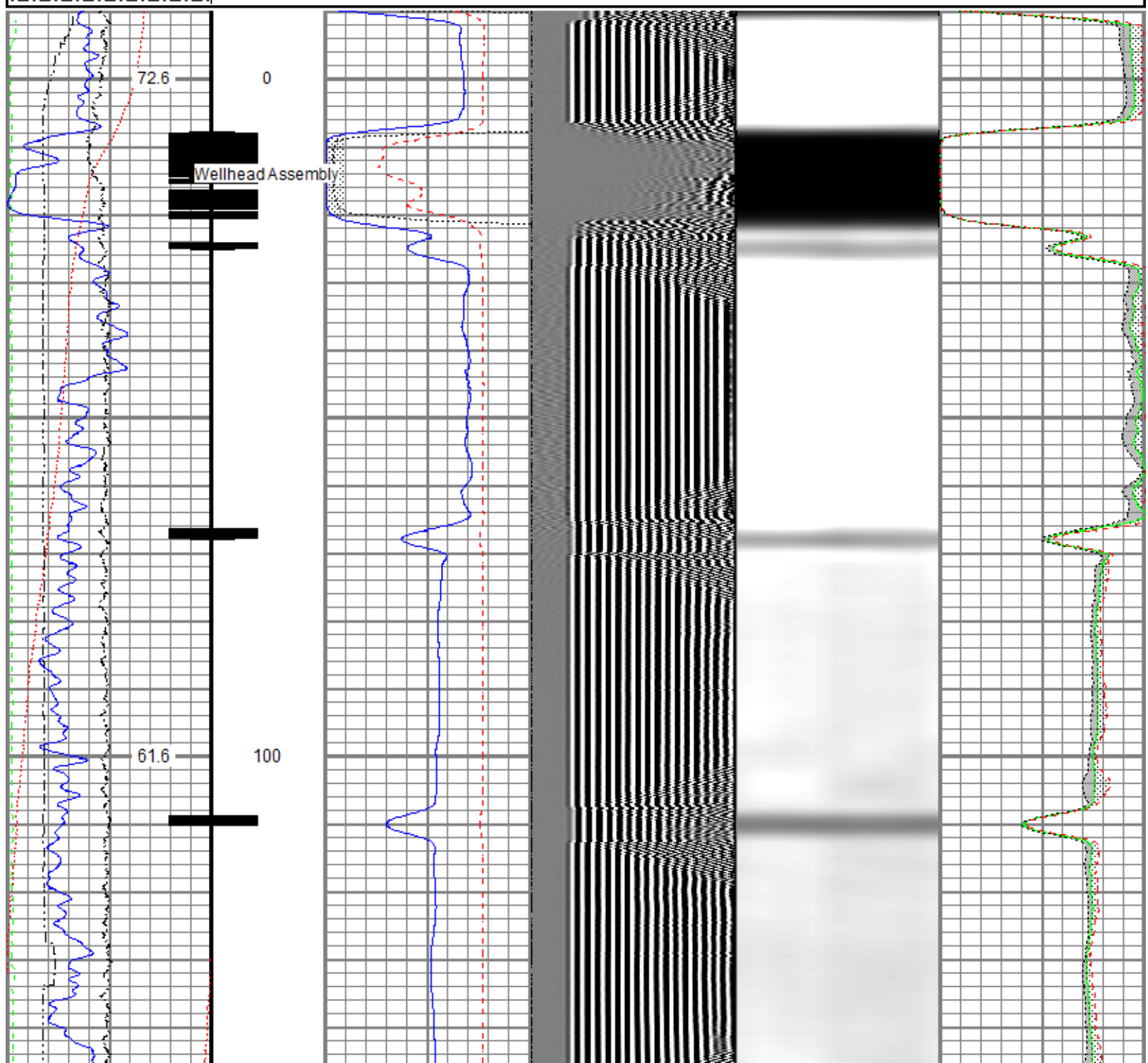


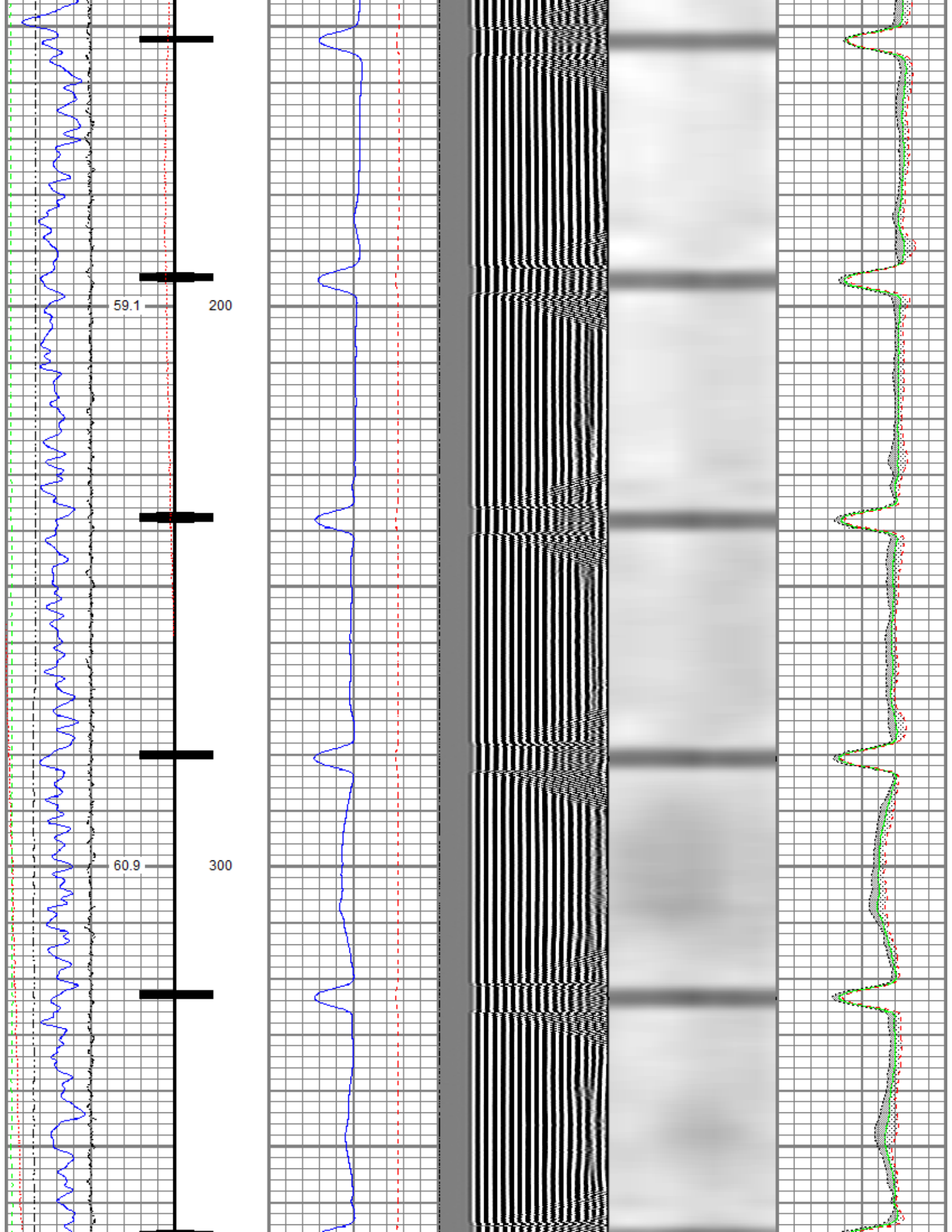
ments

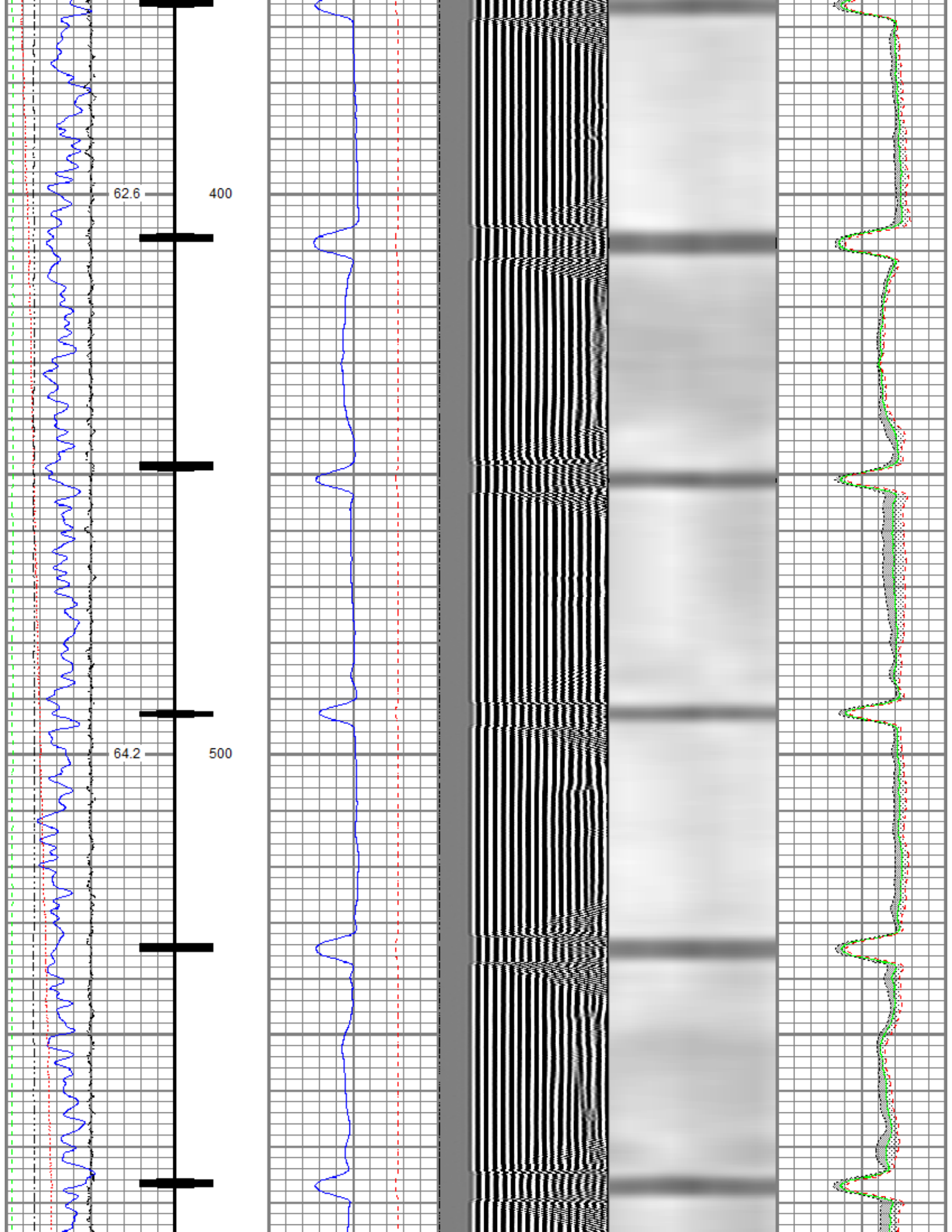
Recorded With 2000 PSI Surface-Induced Pressure

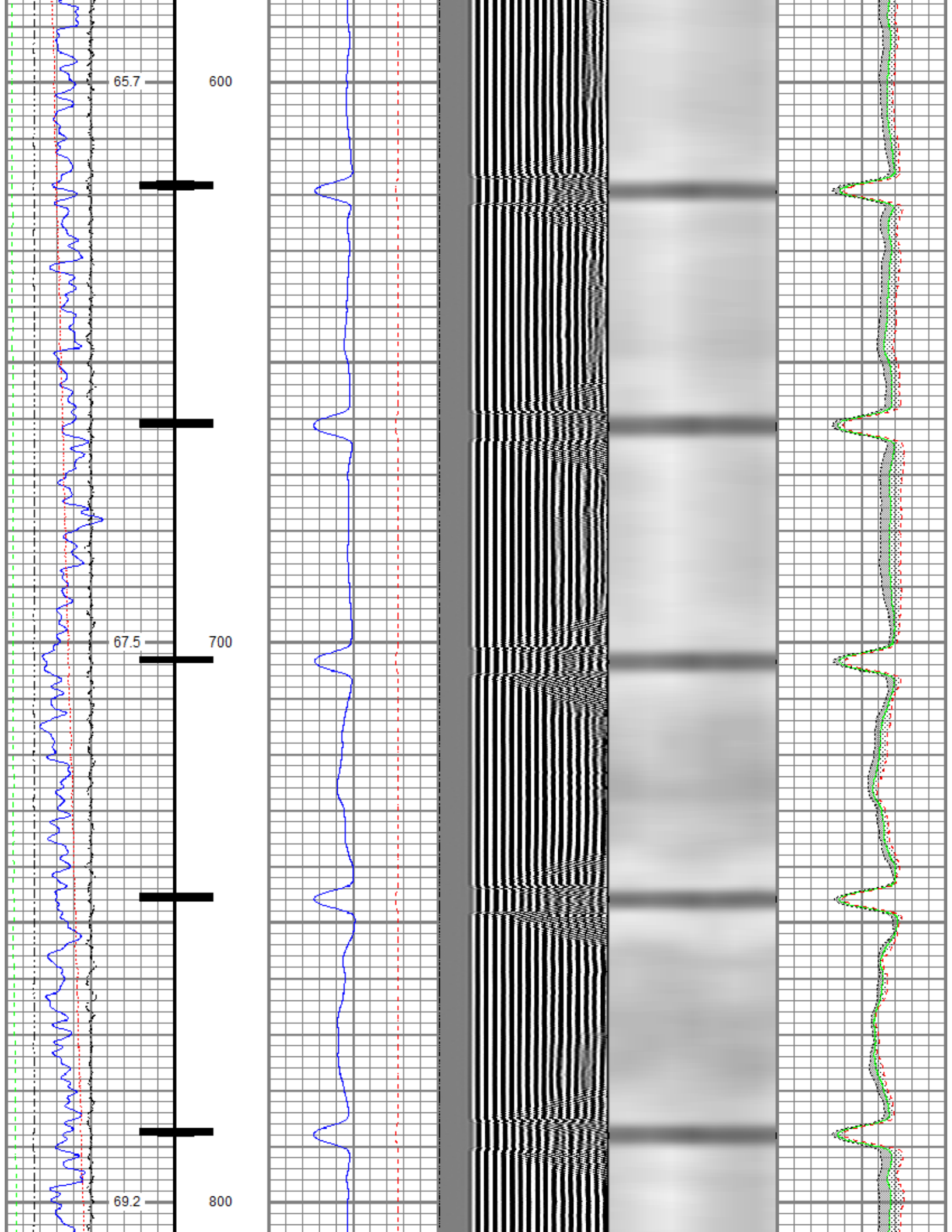
Database File 0512351242_oxy_nelson 35-19hz_rbl_05-13-21.db
Dataset Pathname pass4.2
Presentation Format ros_radri
Dataset Creation Sat May 15 09:54:34 2021
Charted by Depth in Feet scaled 1:240

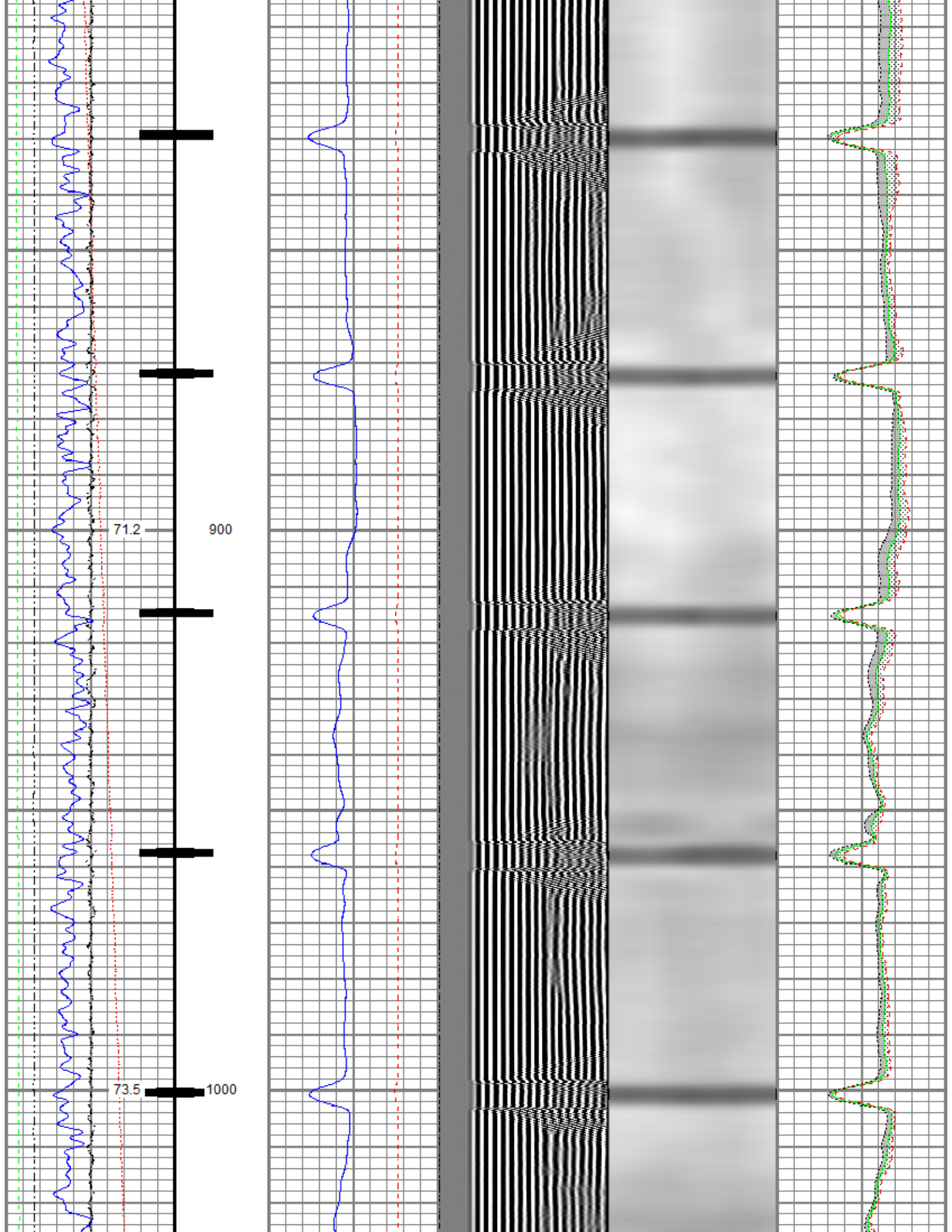
Gamma Ray	0	3' Amplitude (mV)	100	5' Variable Density Log	Sector Map	0	Average Amplitude	100
(GAPI)	120	3' Amplitude x 5	200	(u sec)	1200		Minimum Amplitude	
Casing Collar Locator		0	(mV)	20		0	100	
Temperature (degF)	20	3' Travel Time					Maximum Amplitude	
Line Speed		650	(u sec)	150		0	100	
(ft/min)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

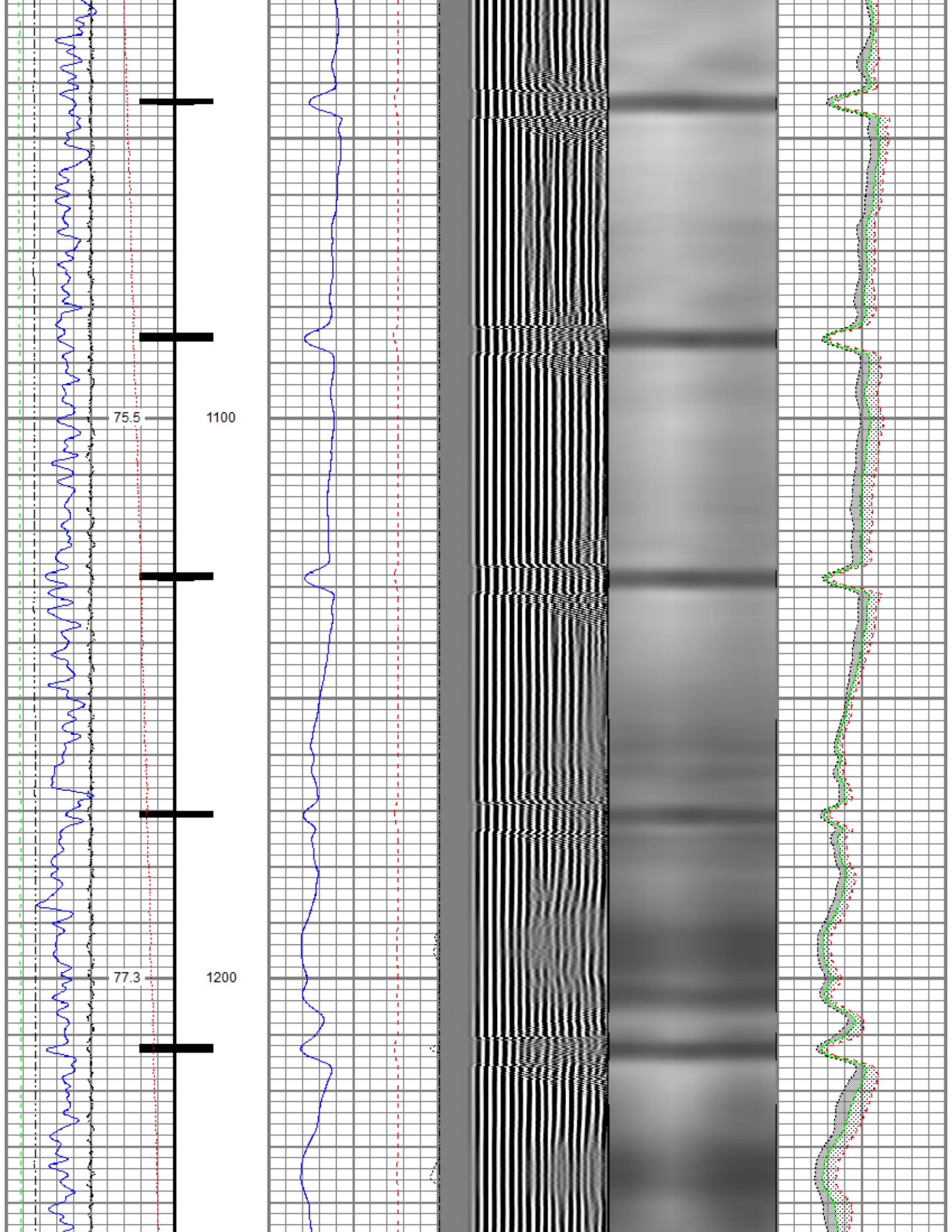


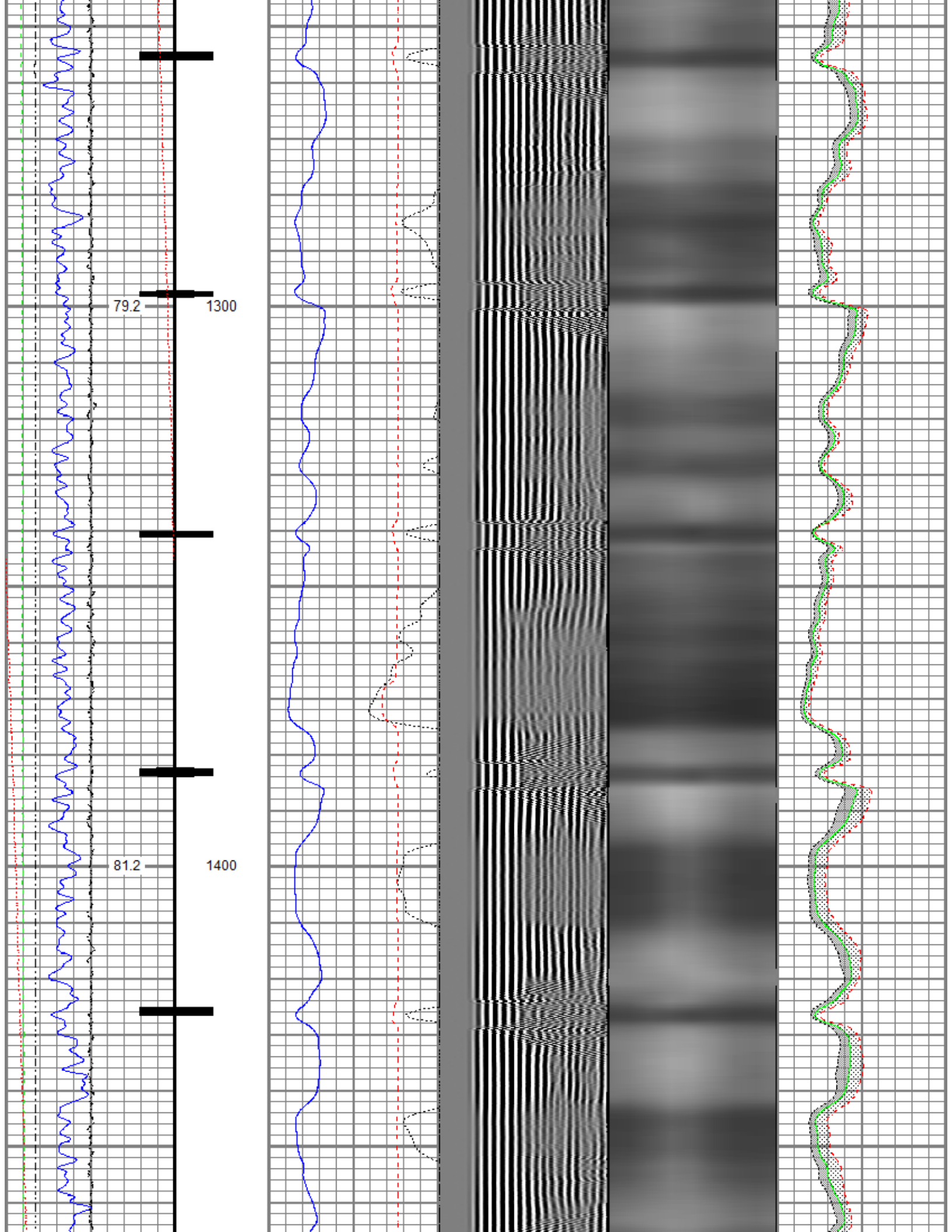


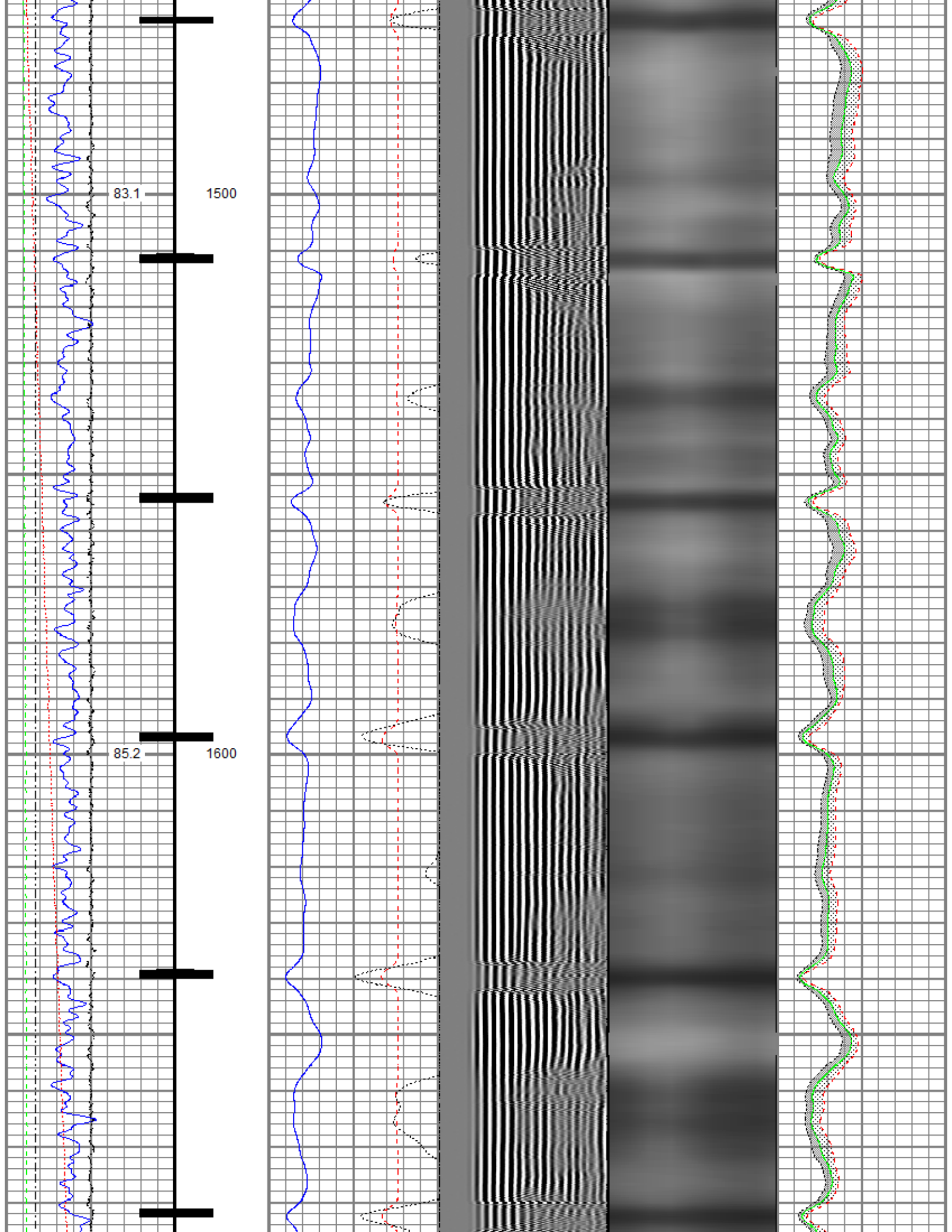


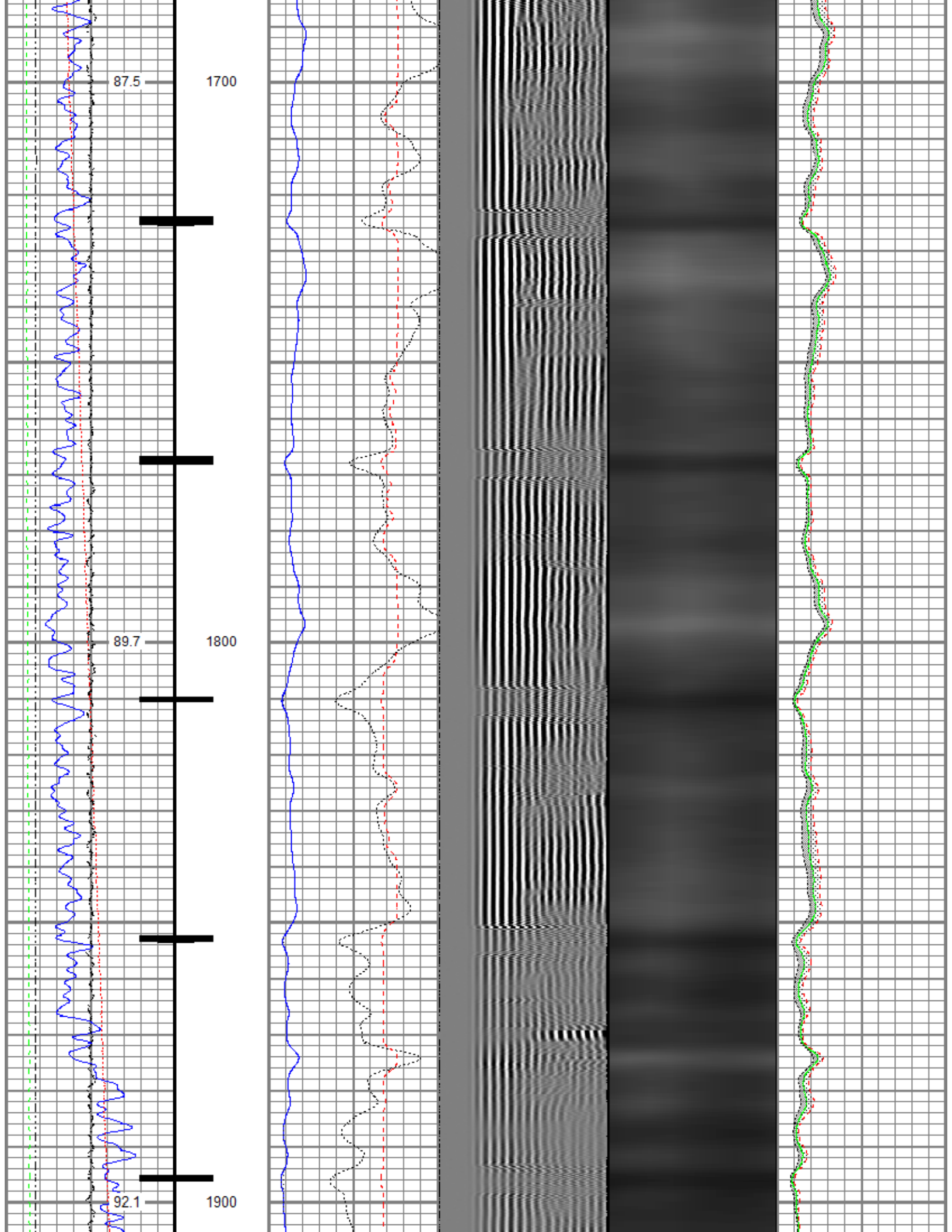


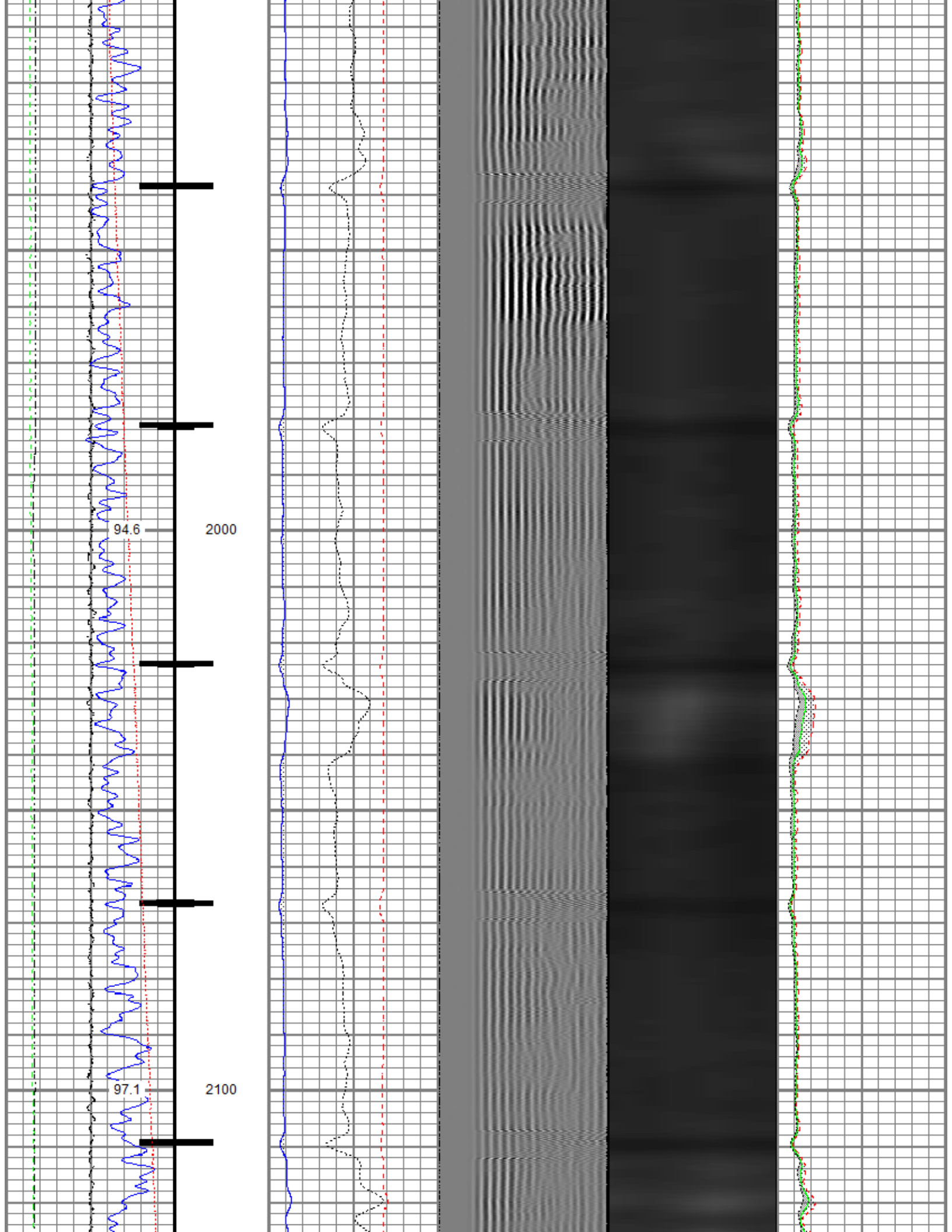


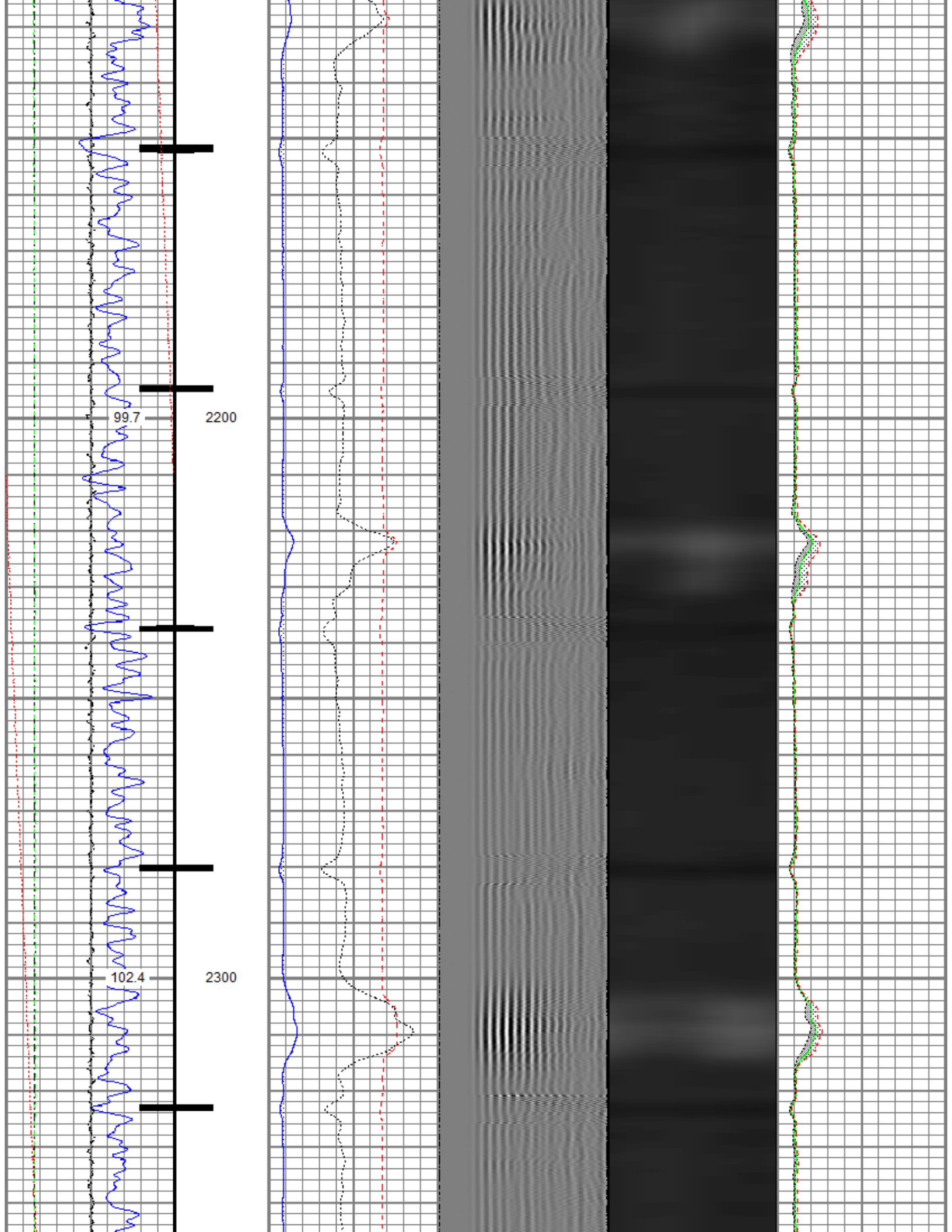


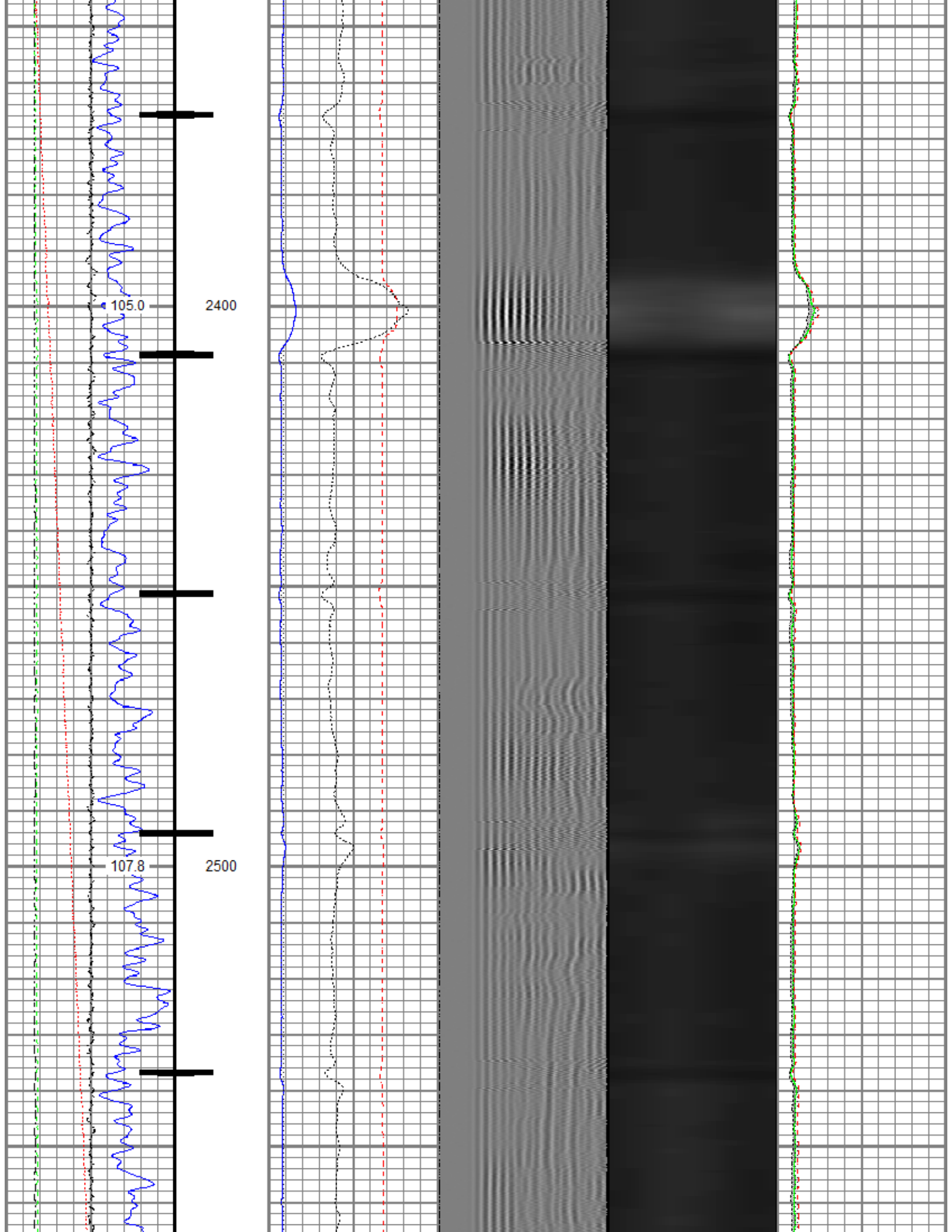


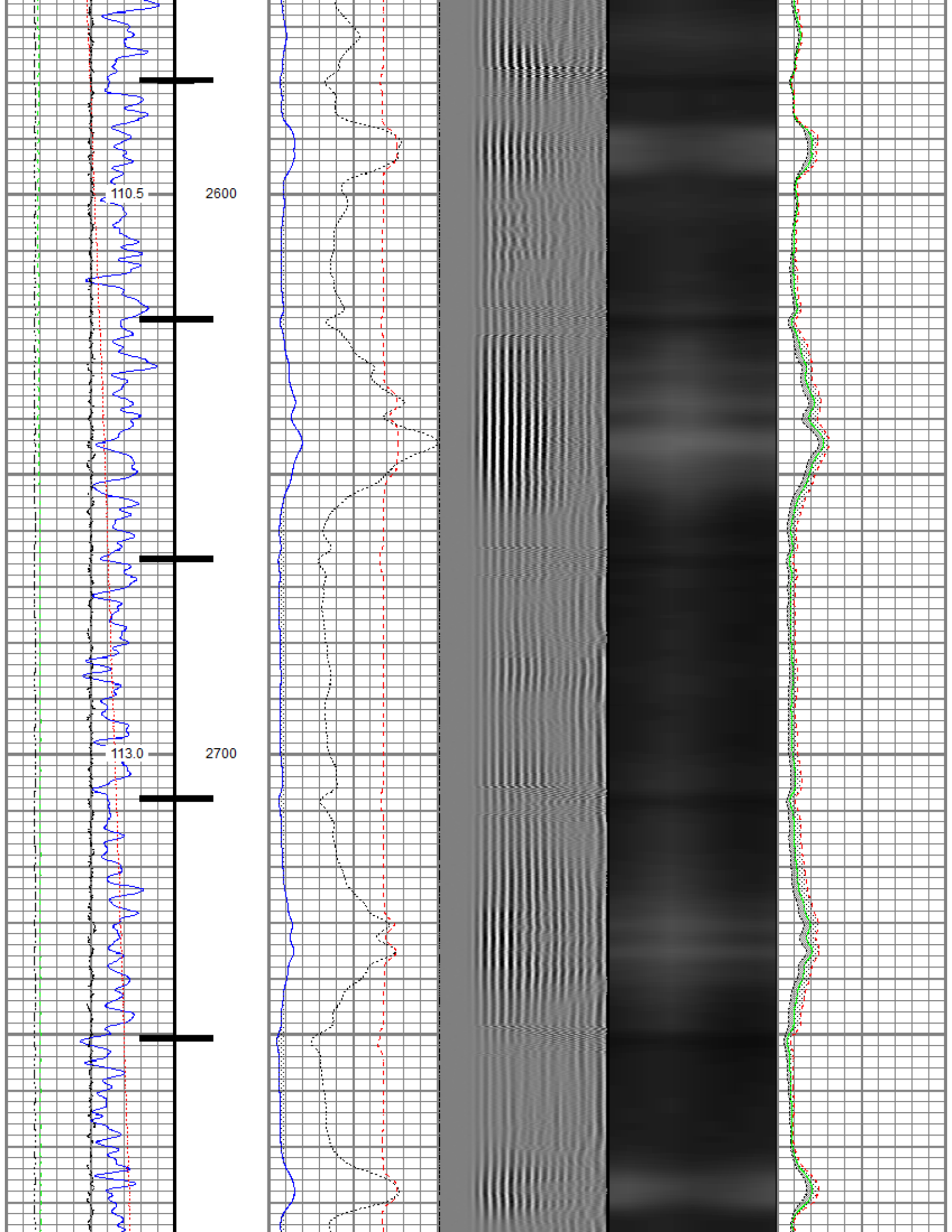


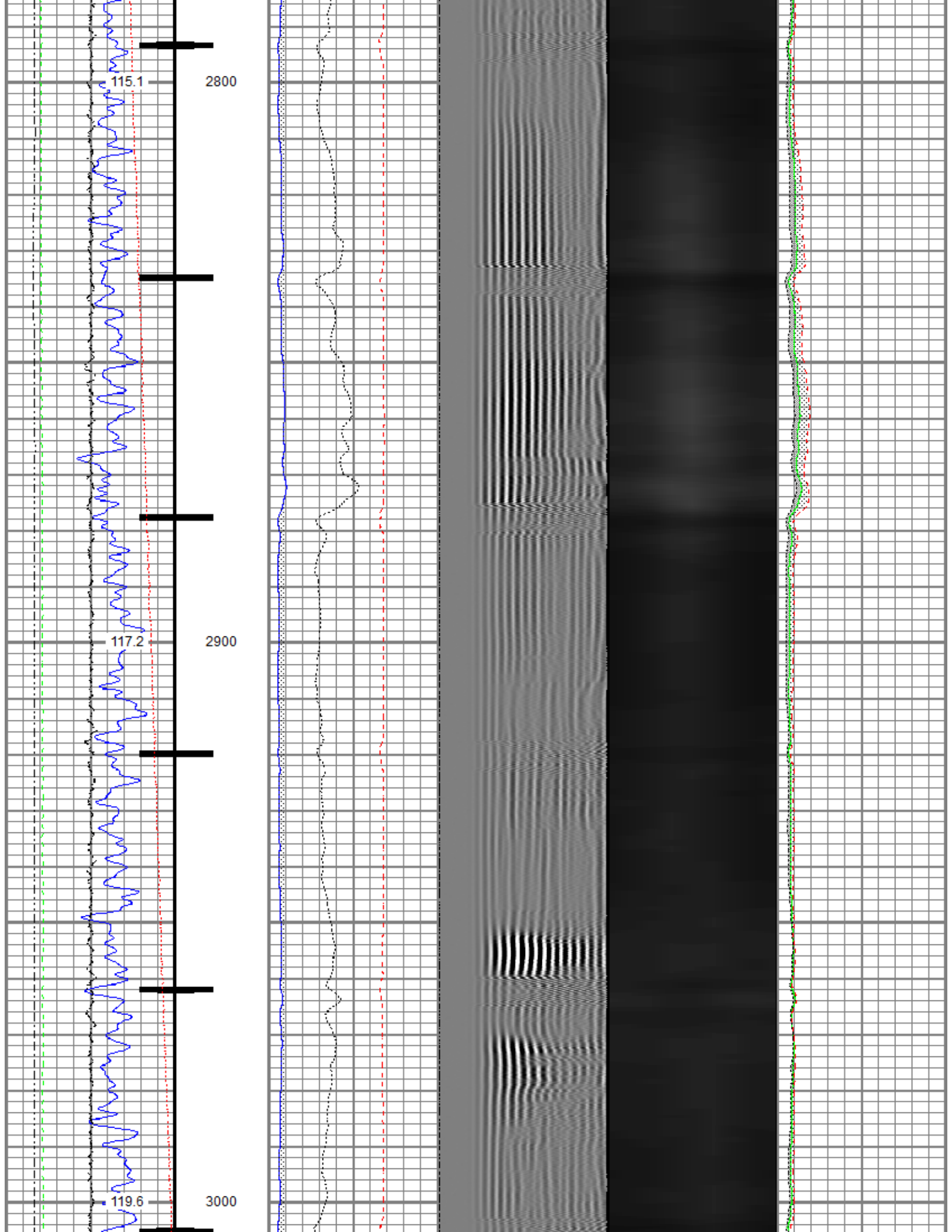


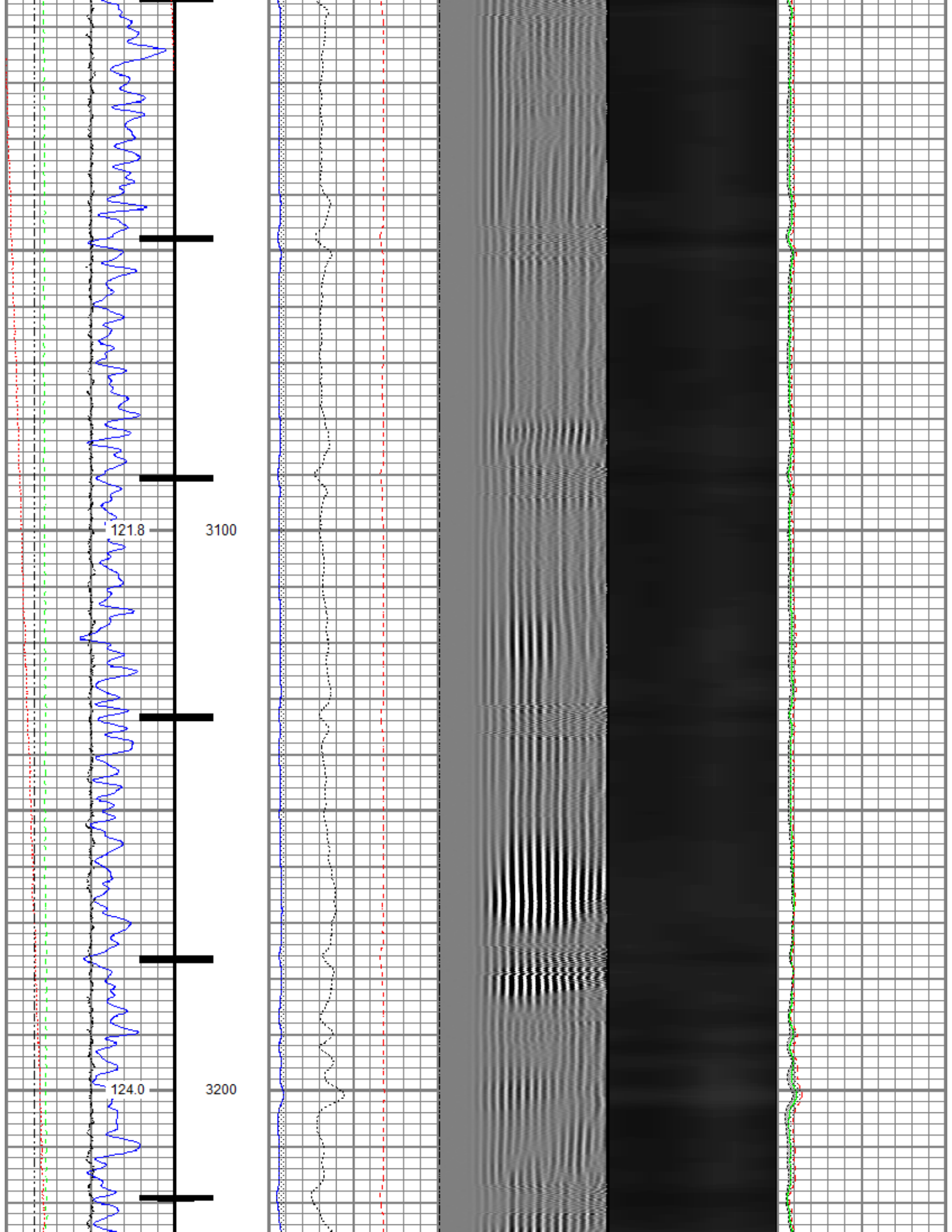


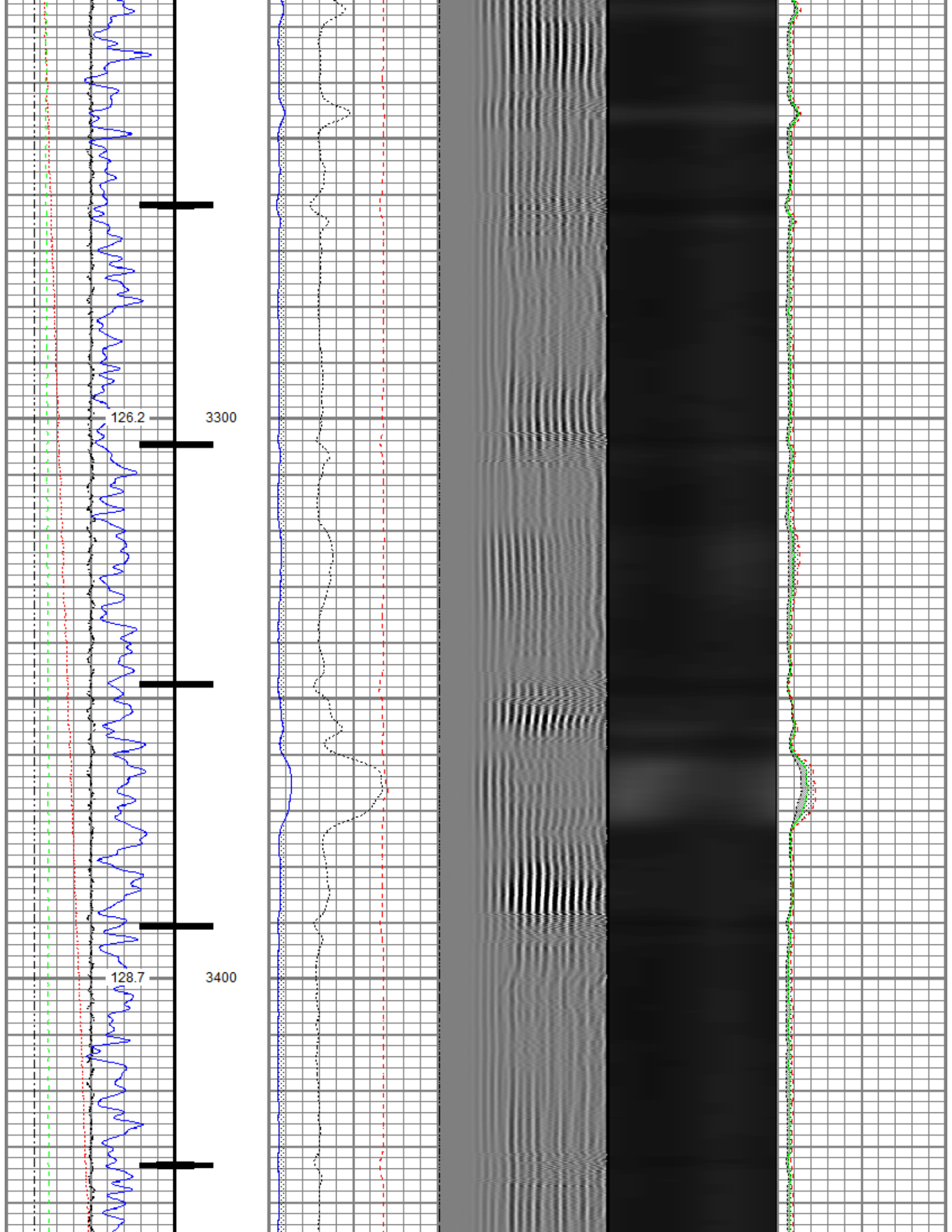


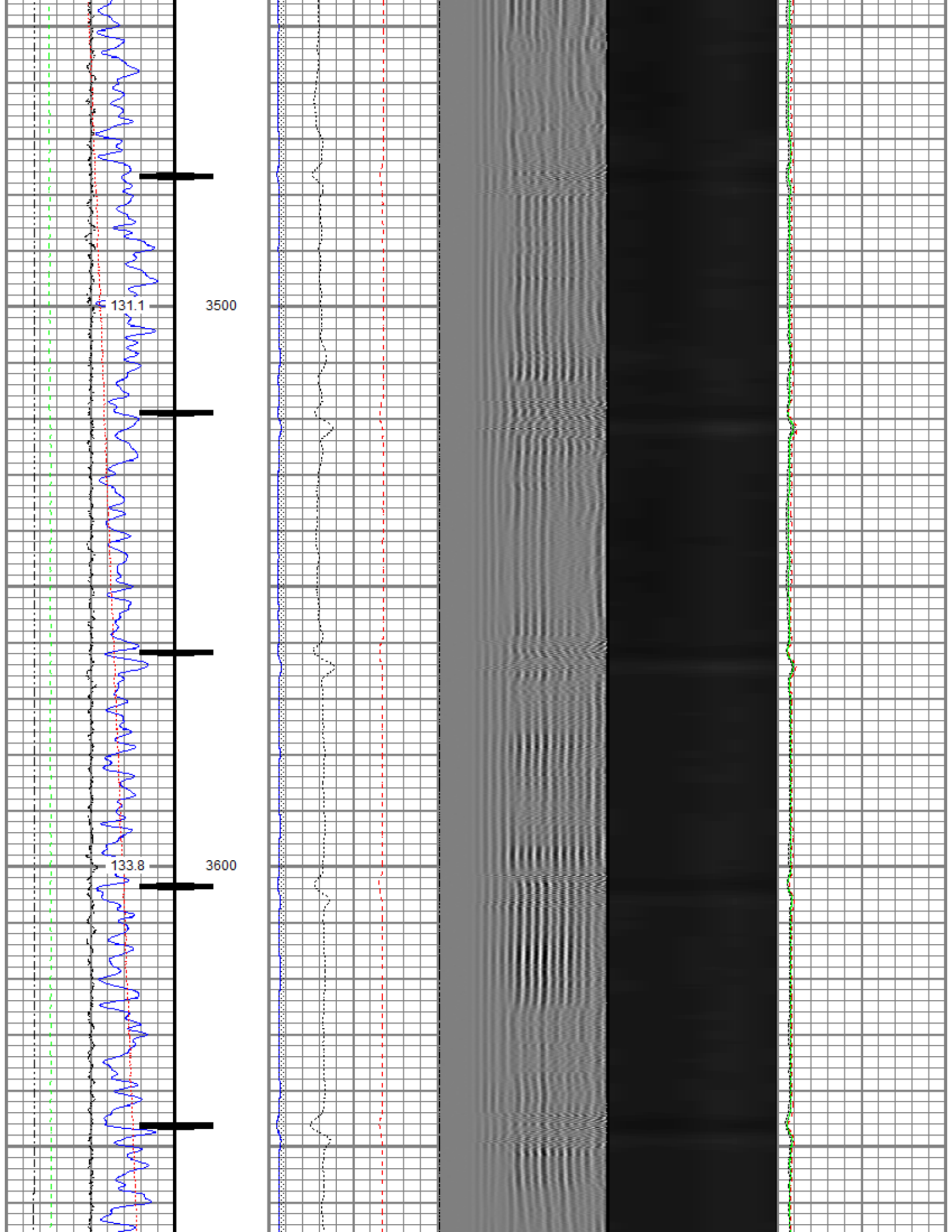


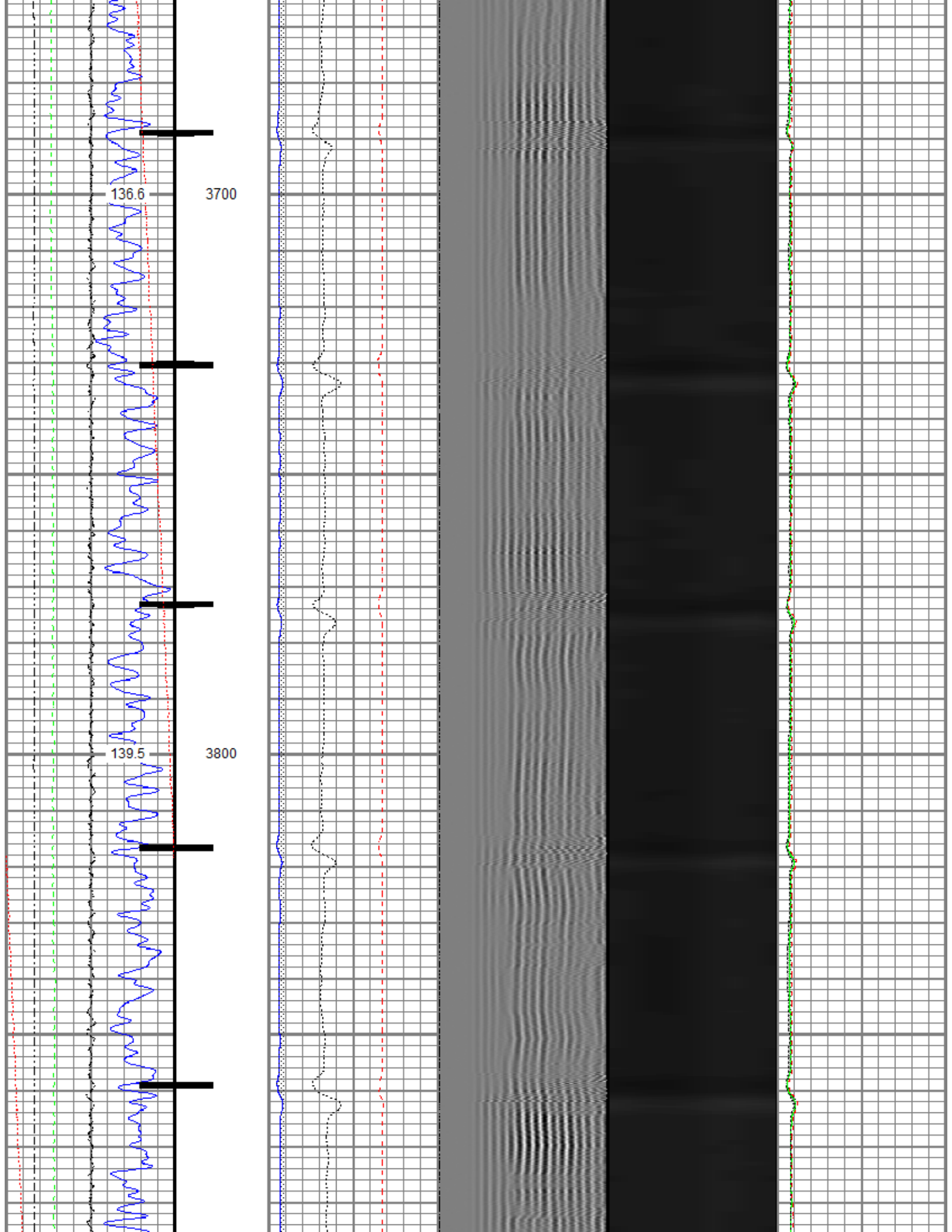


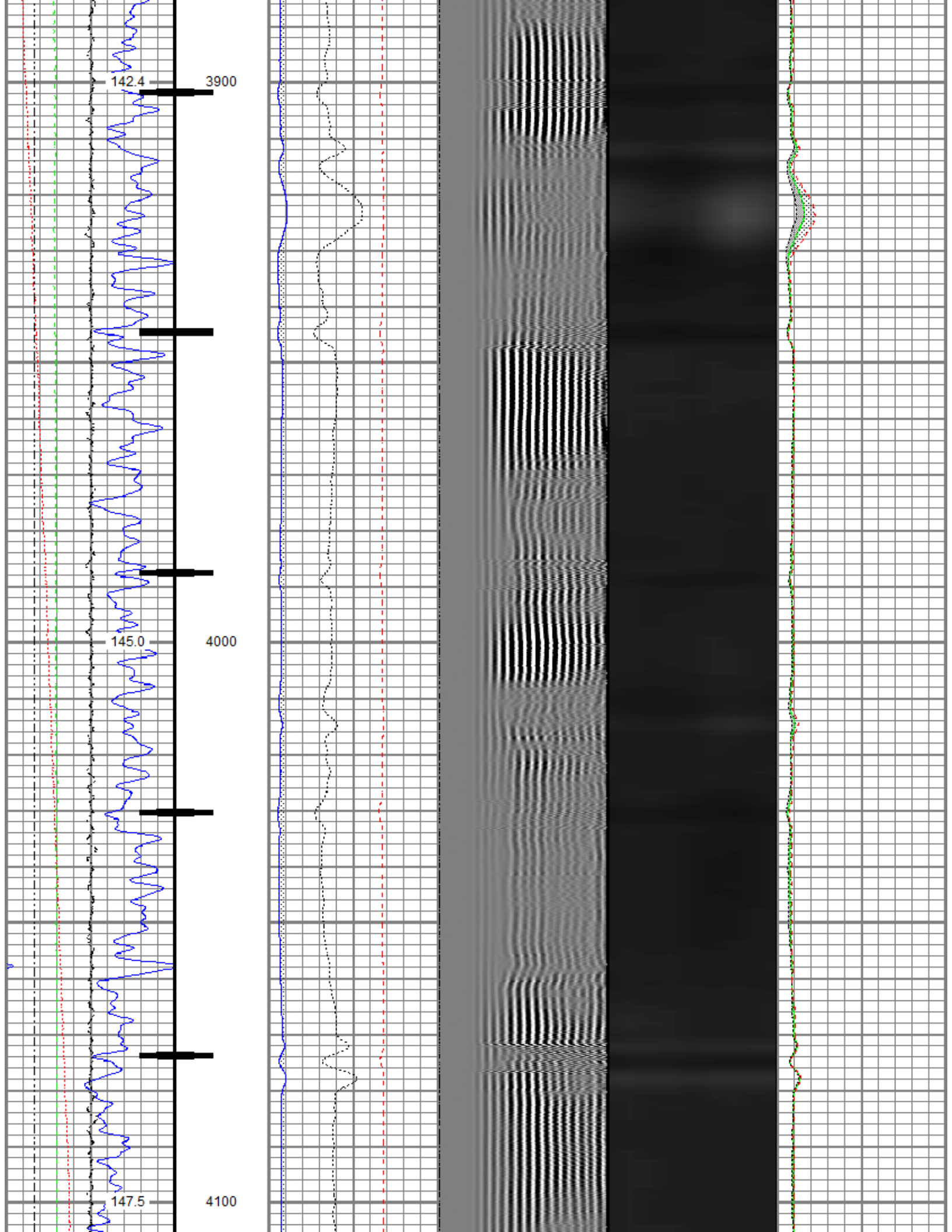


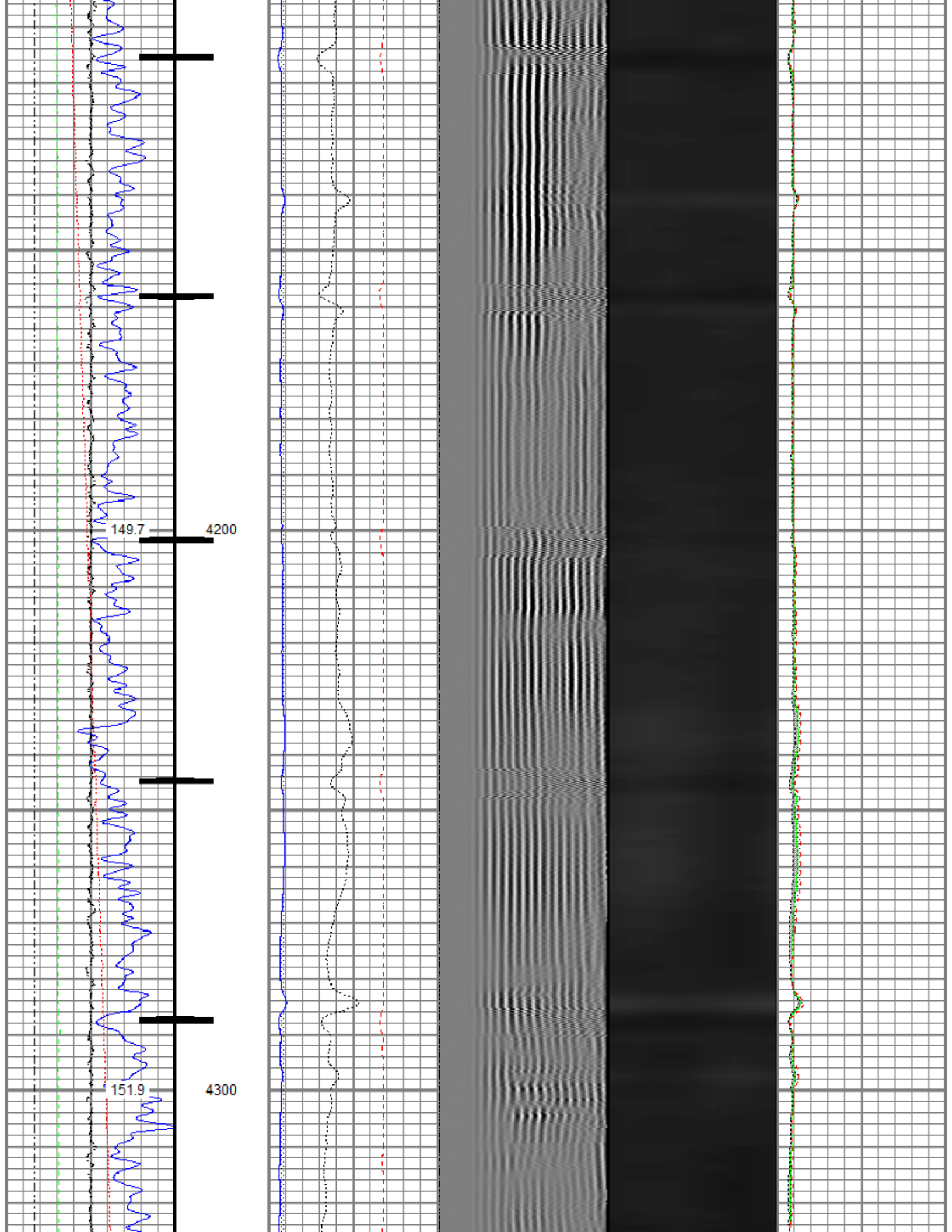


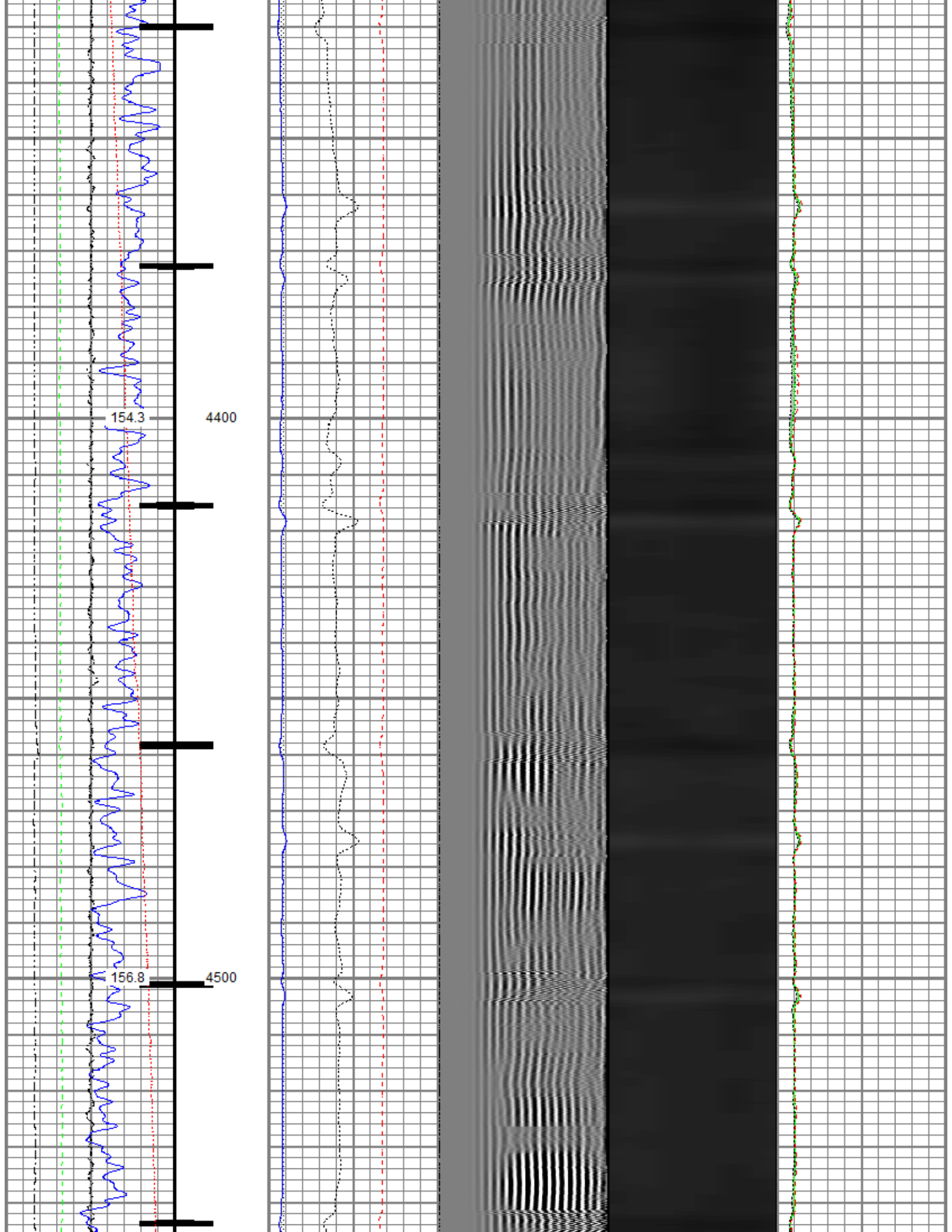


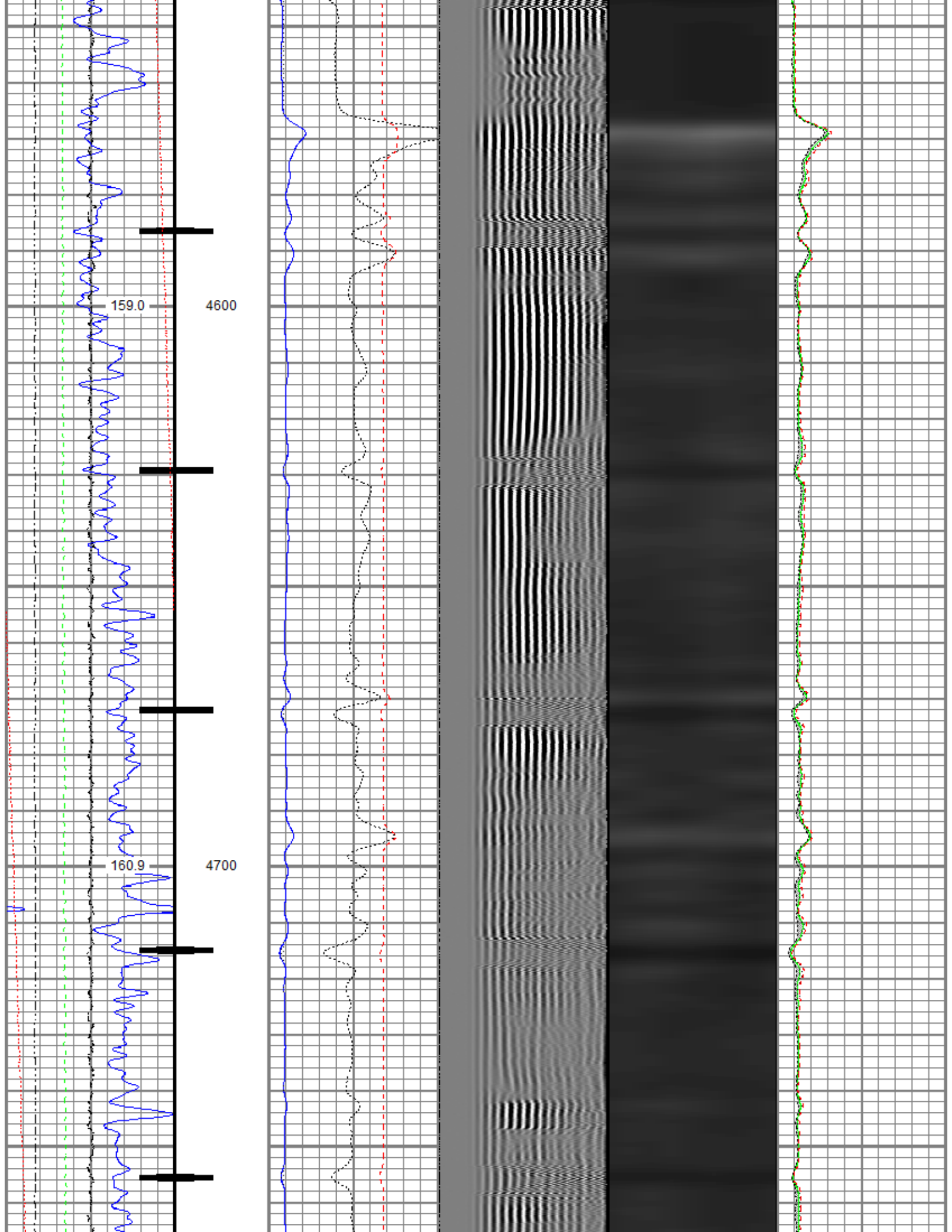


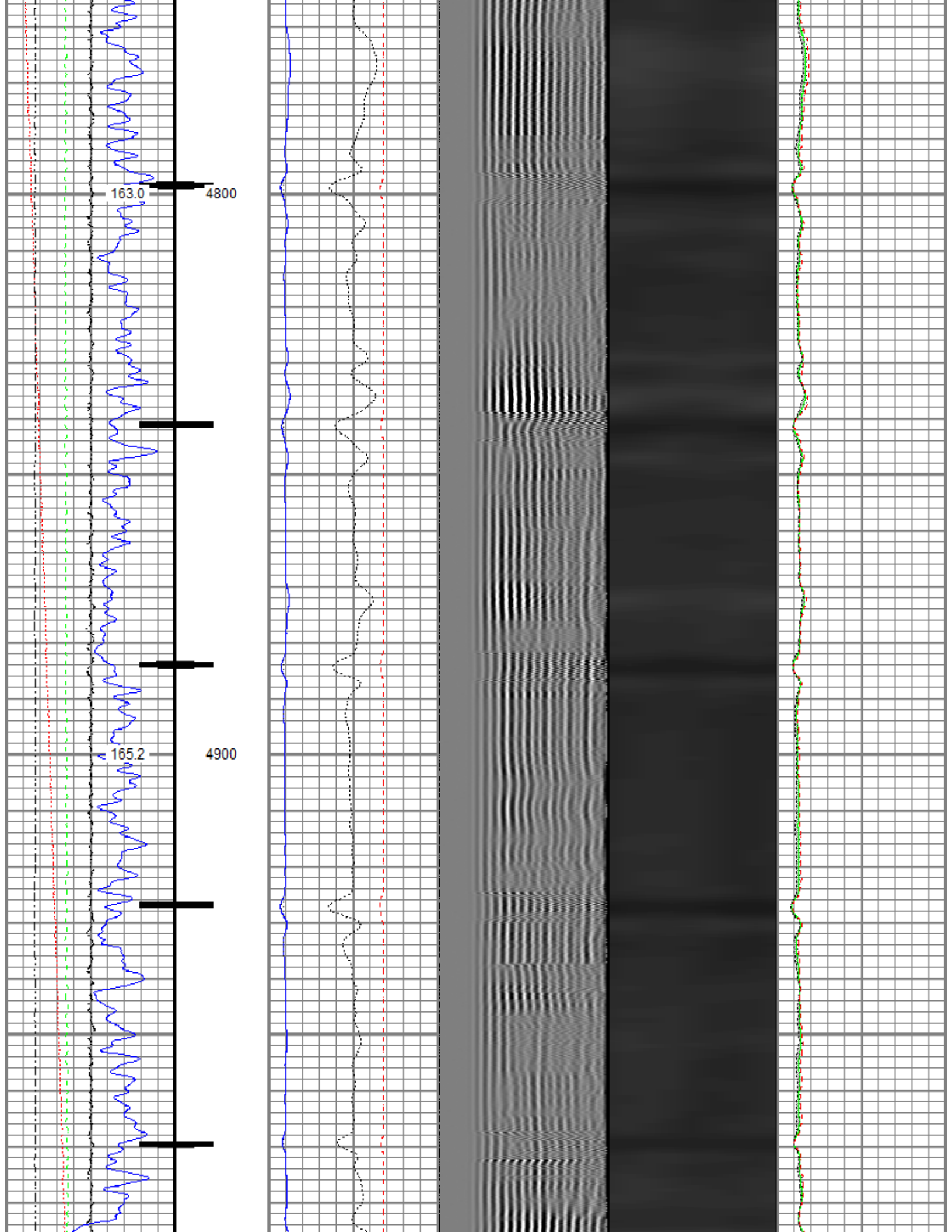


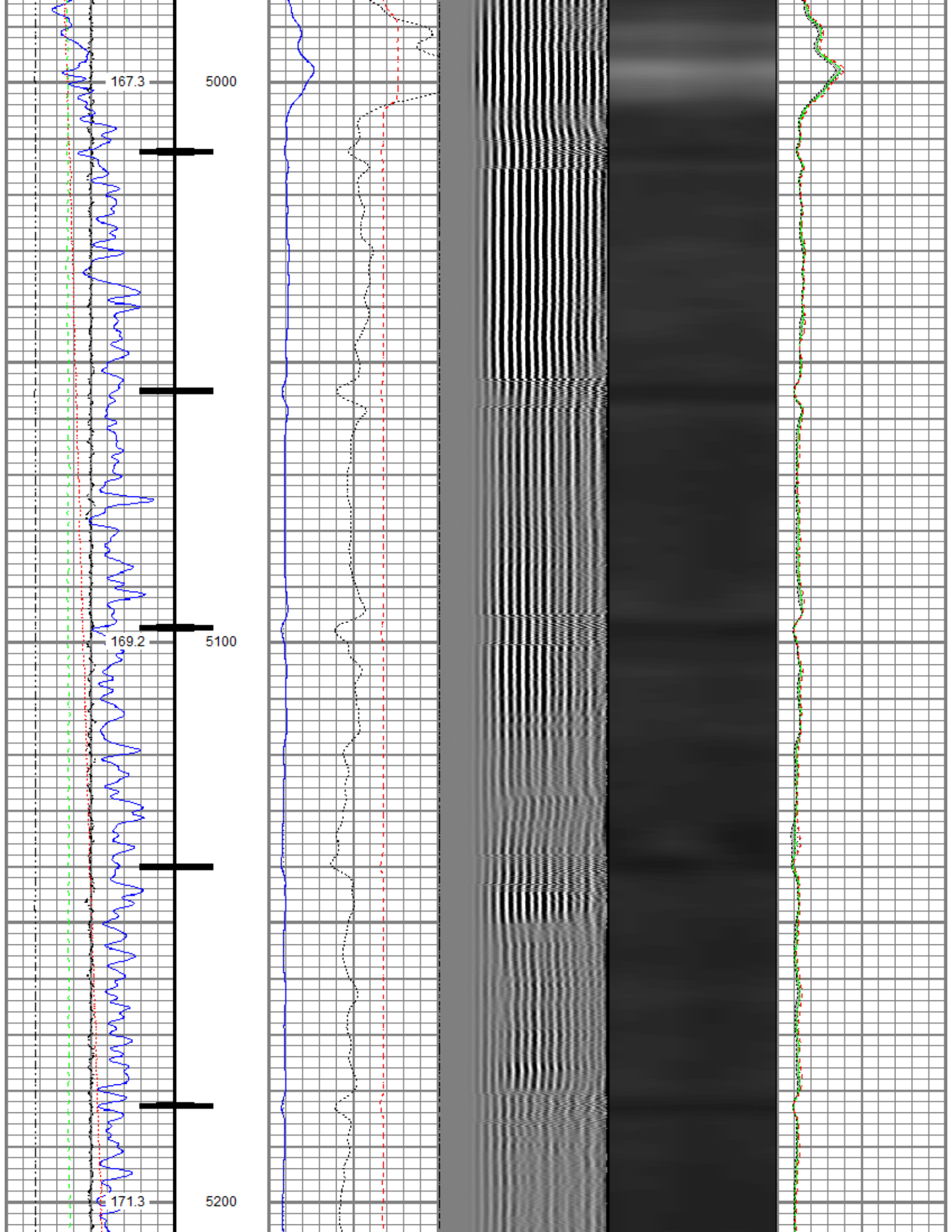


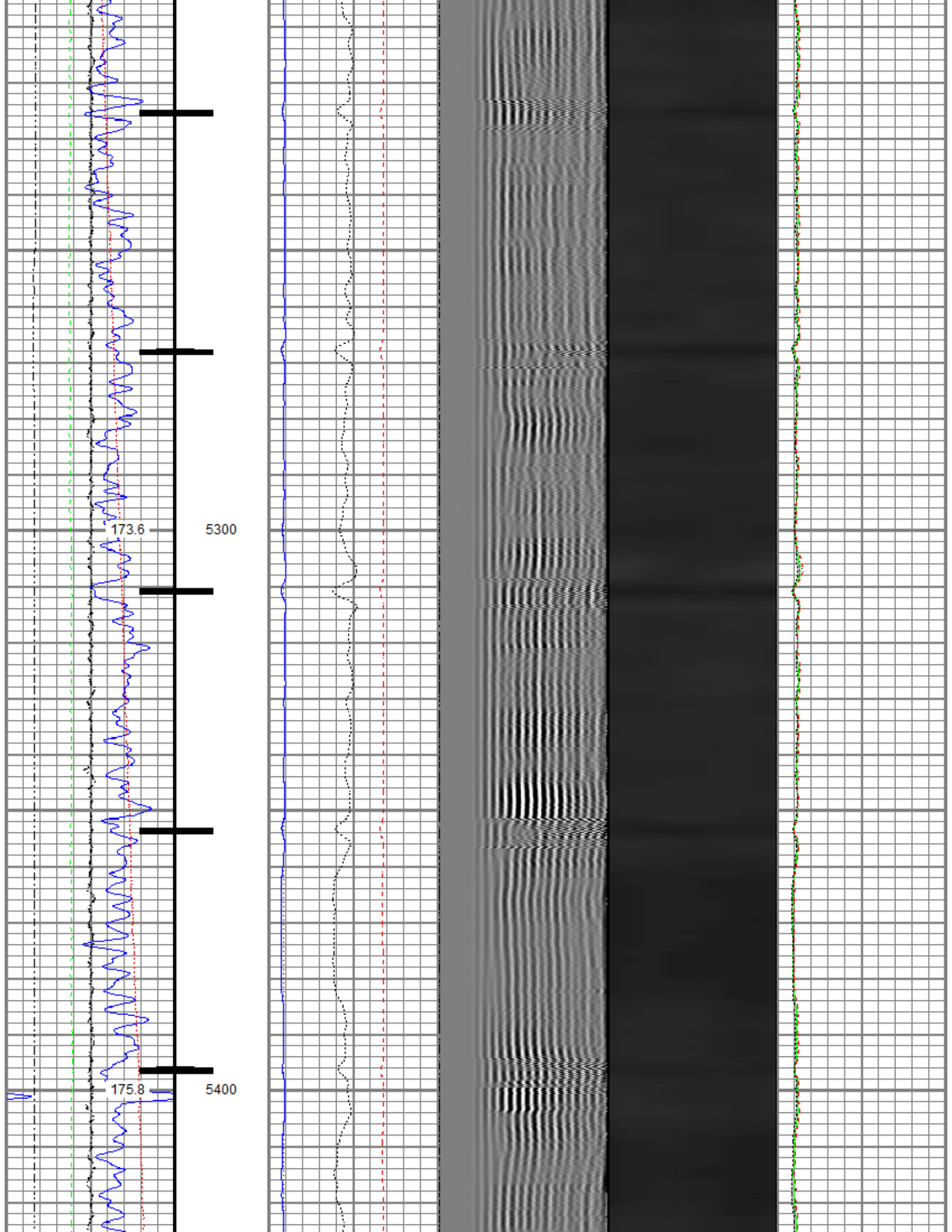


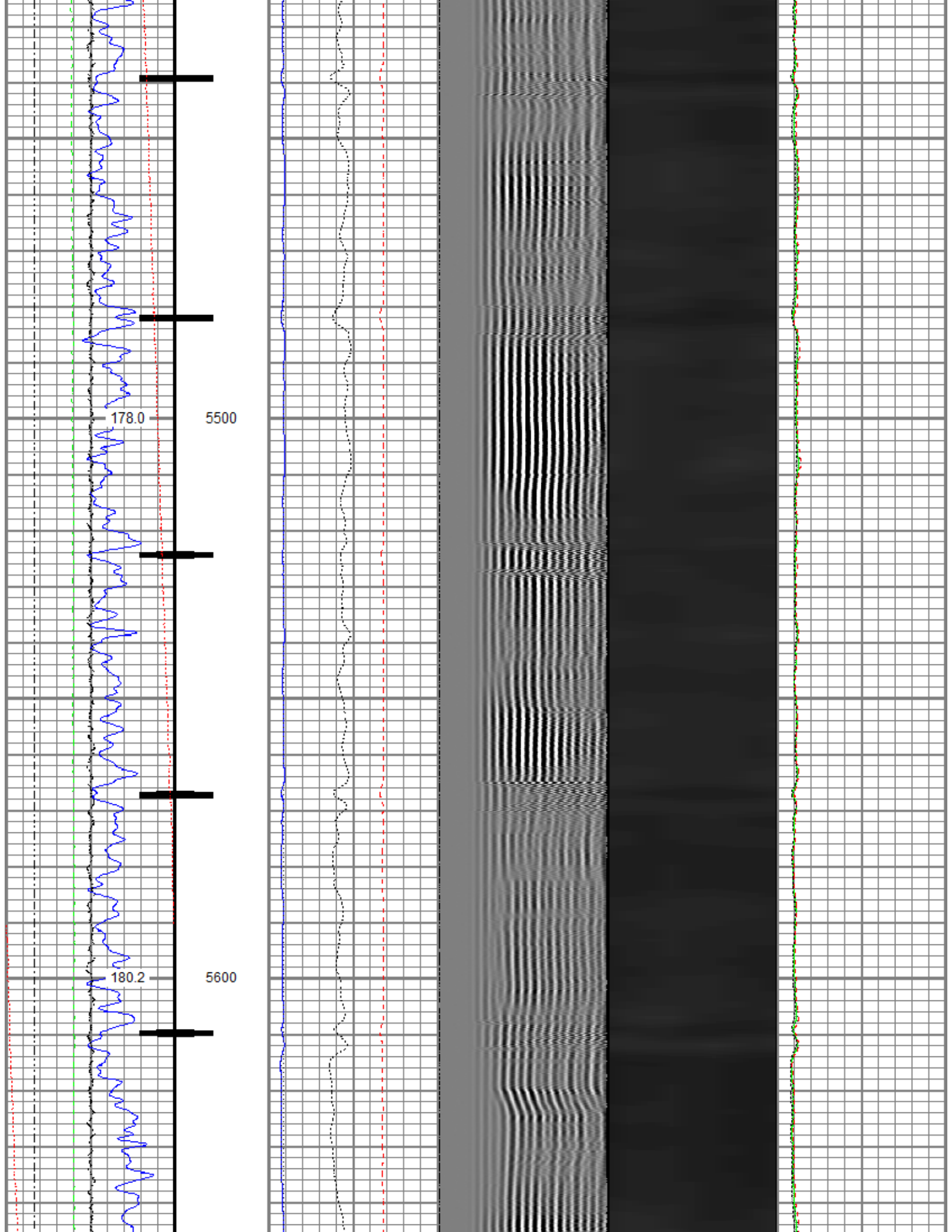


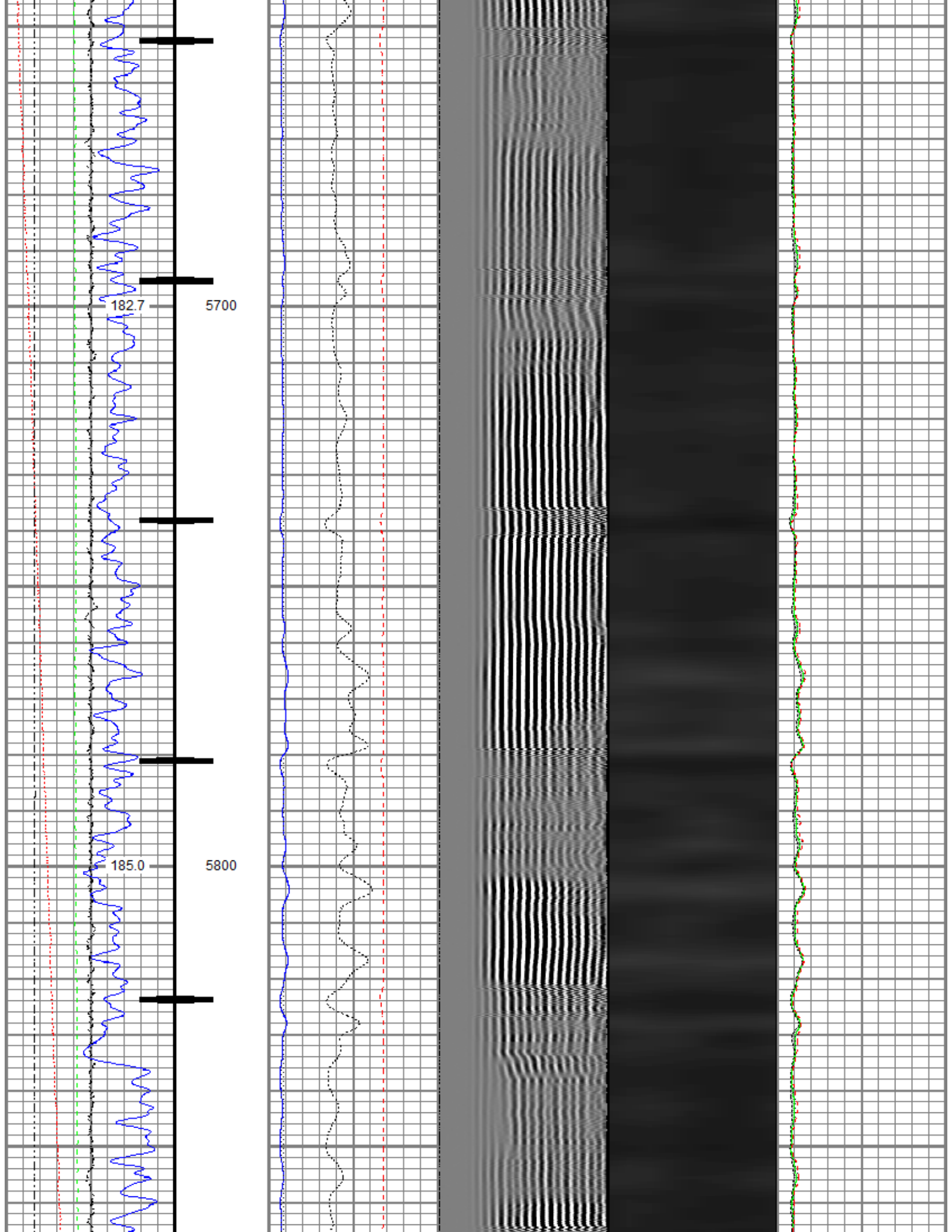


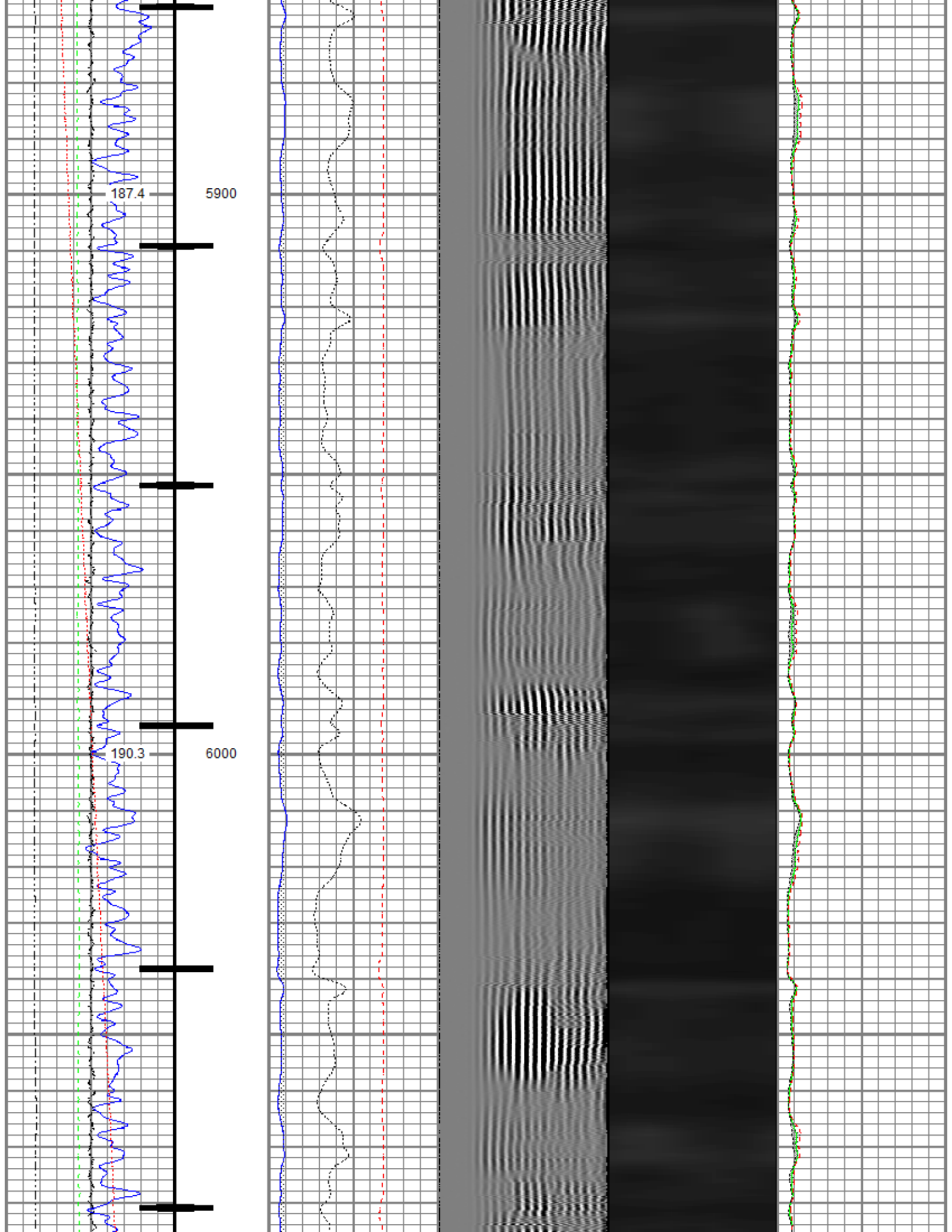


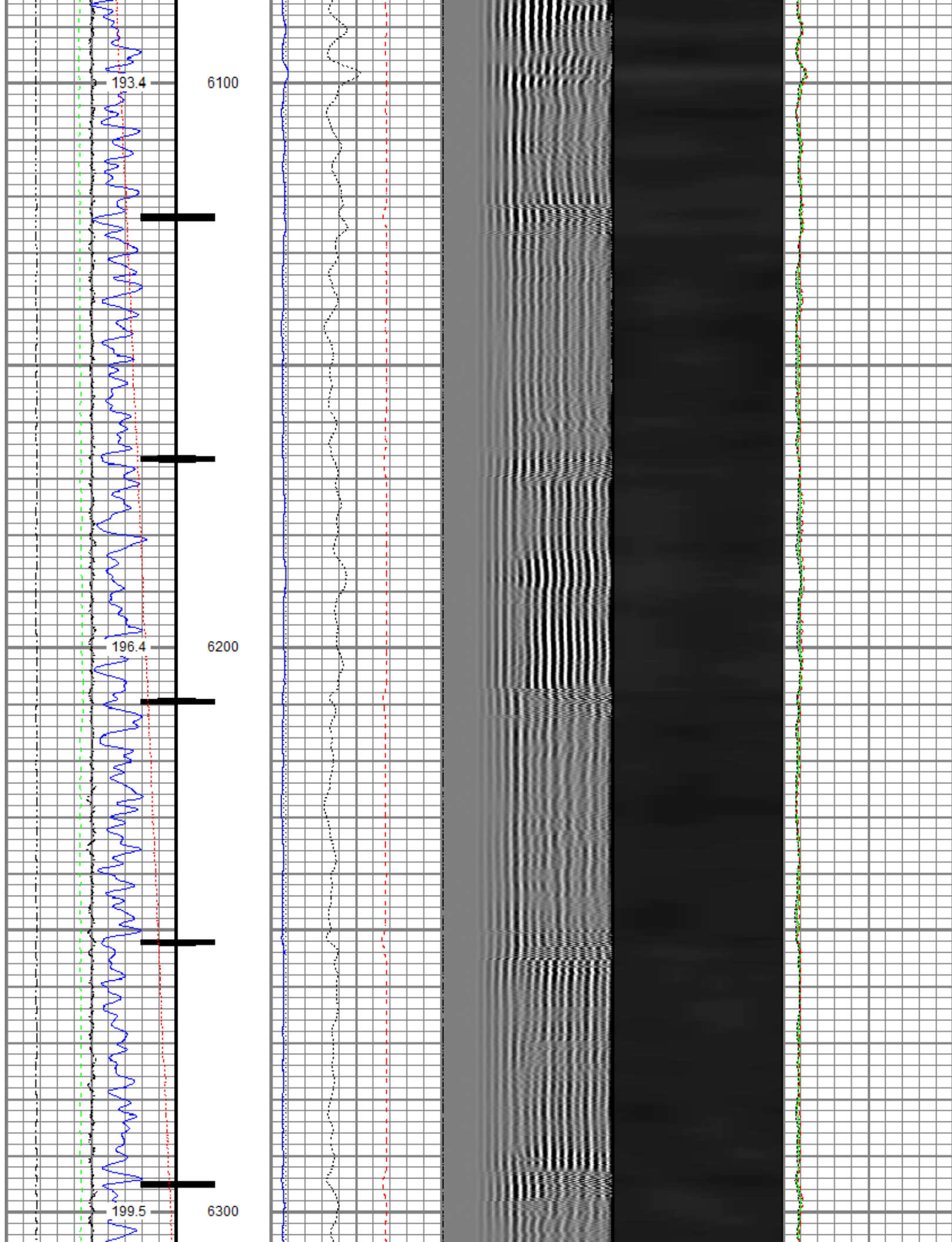


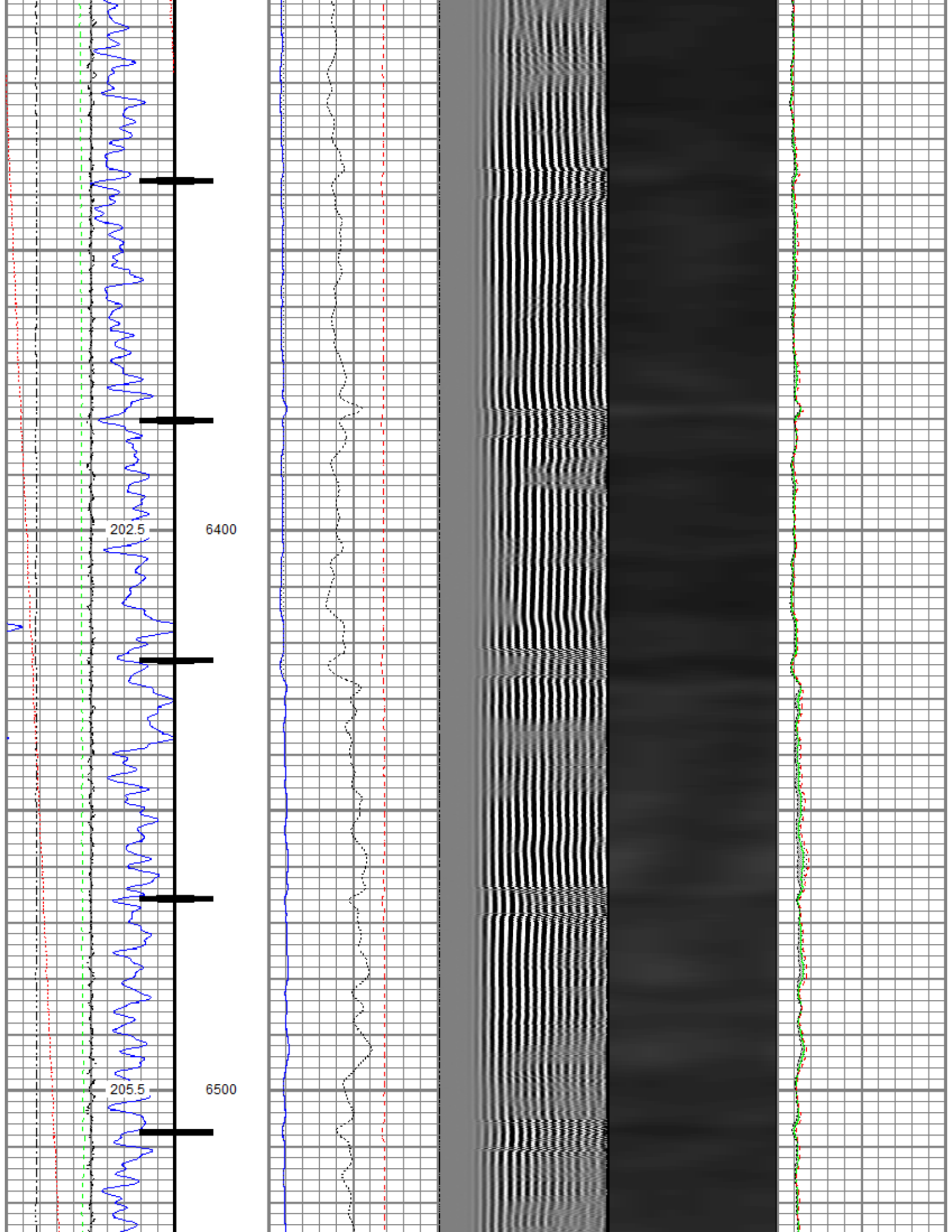


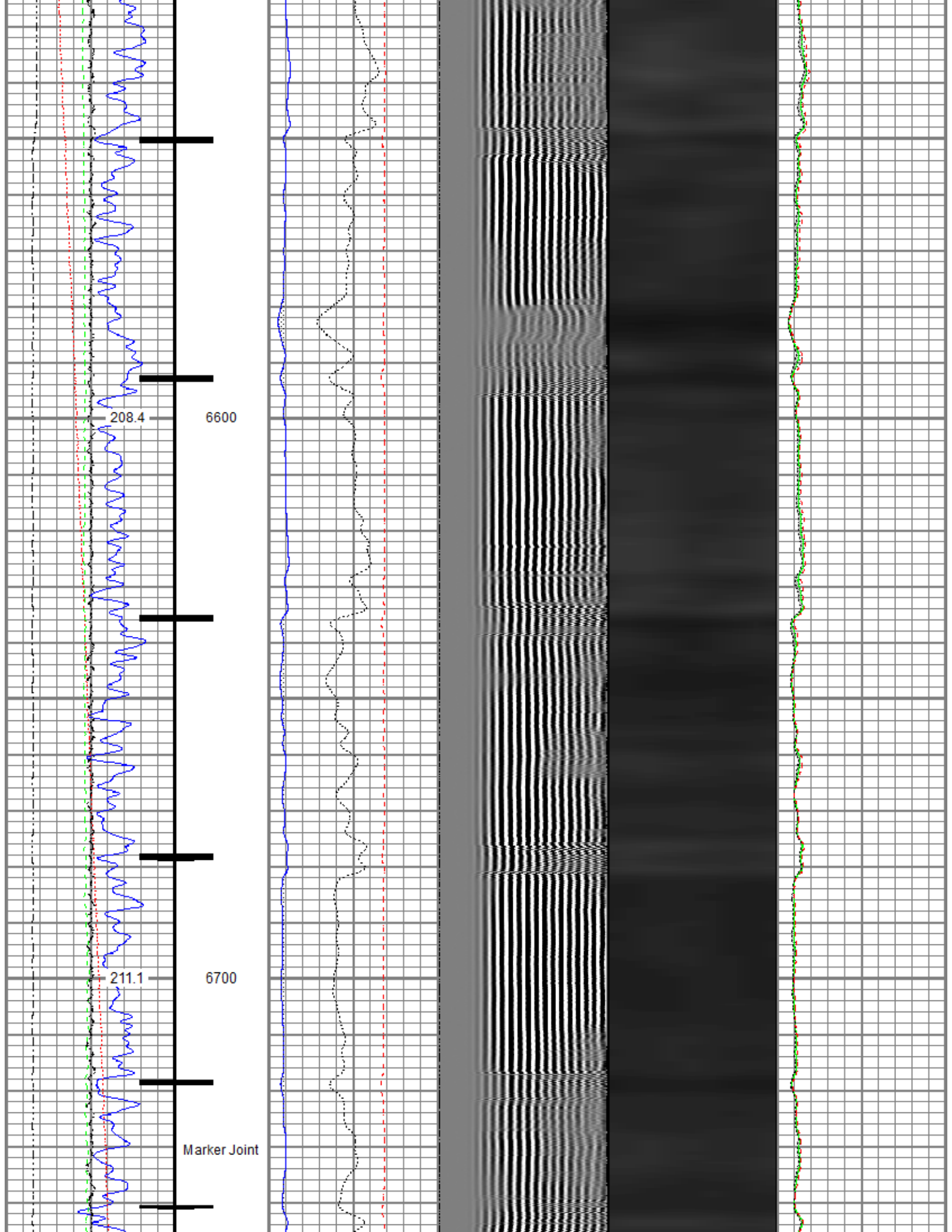


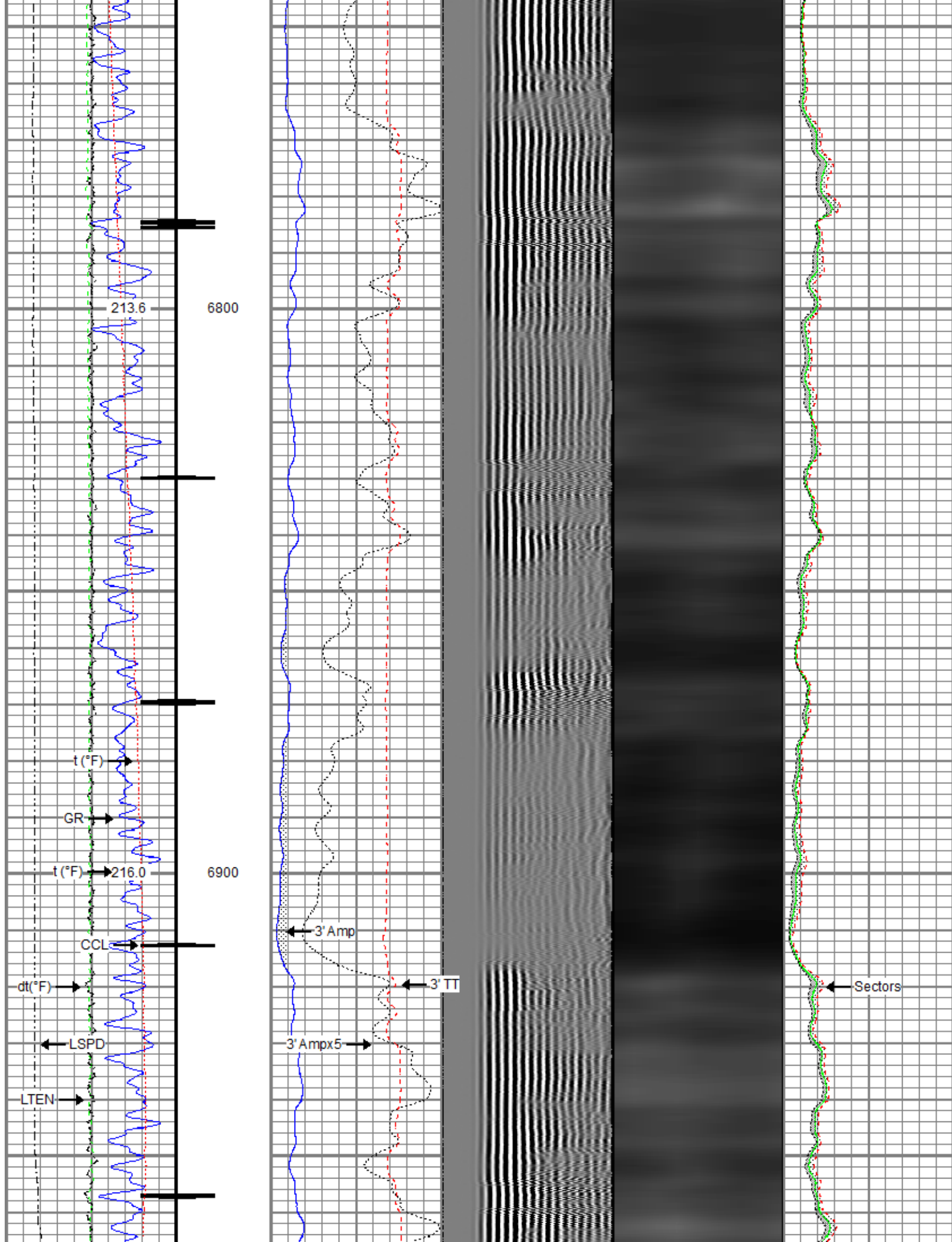


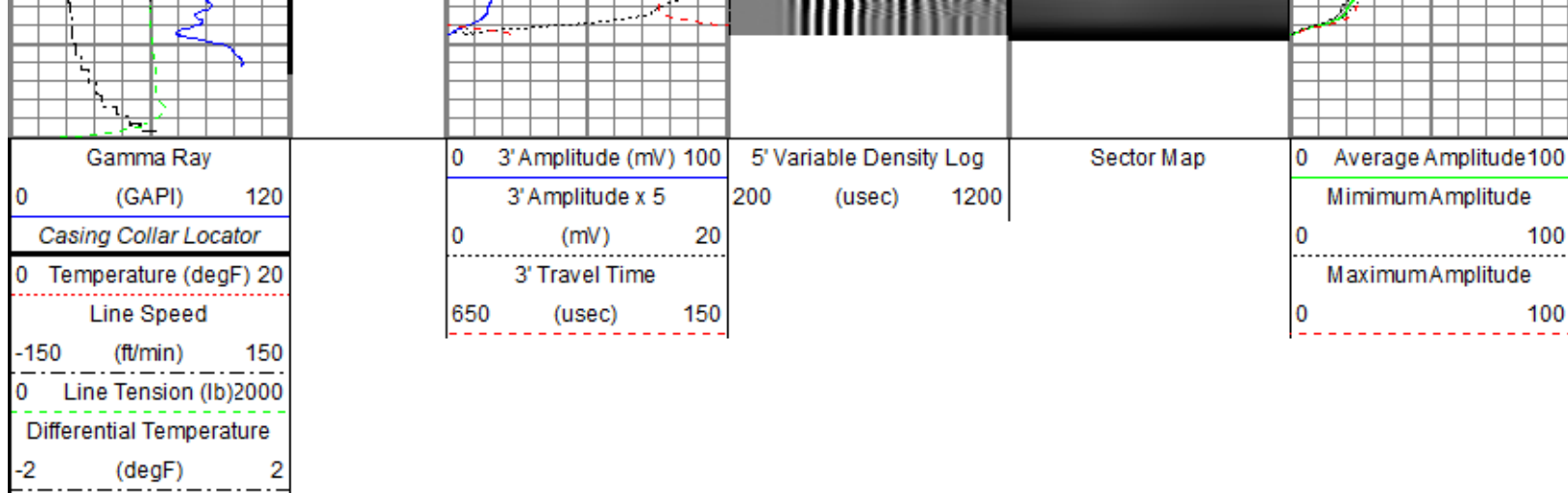








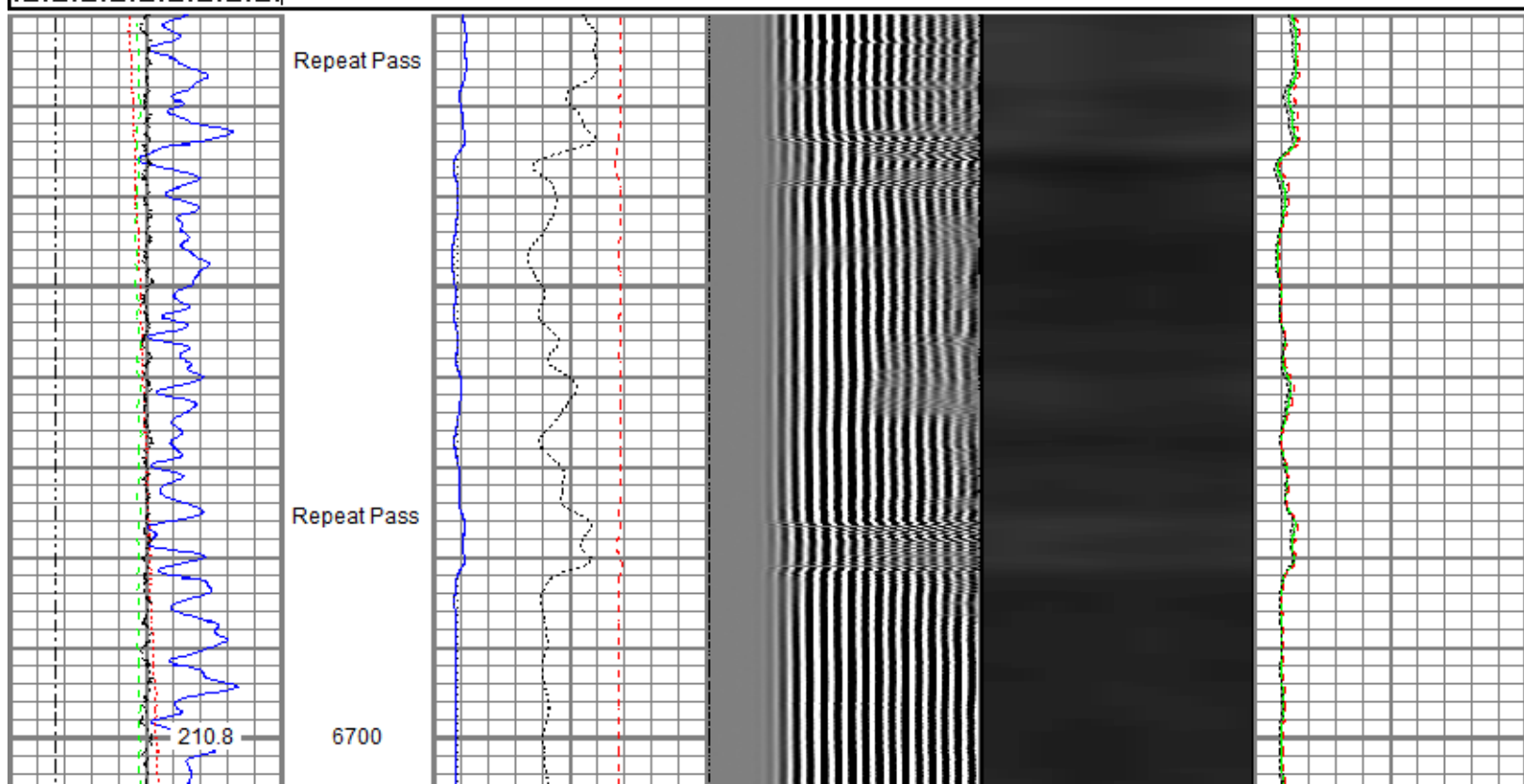
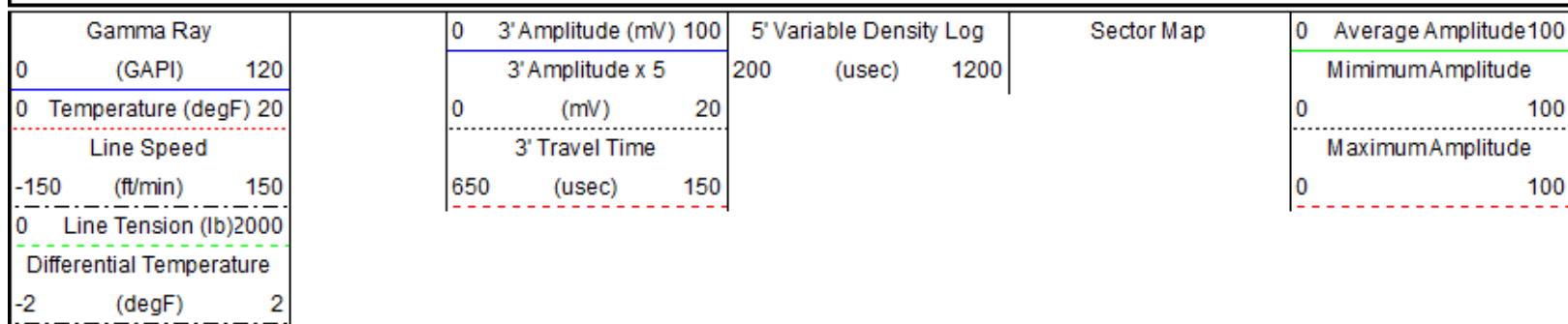


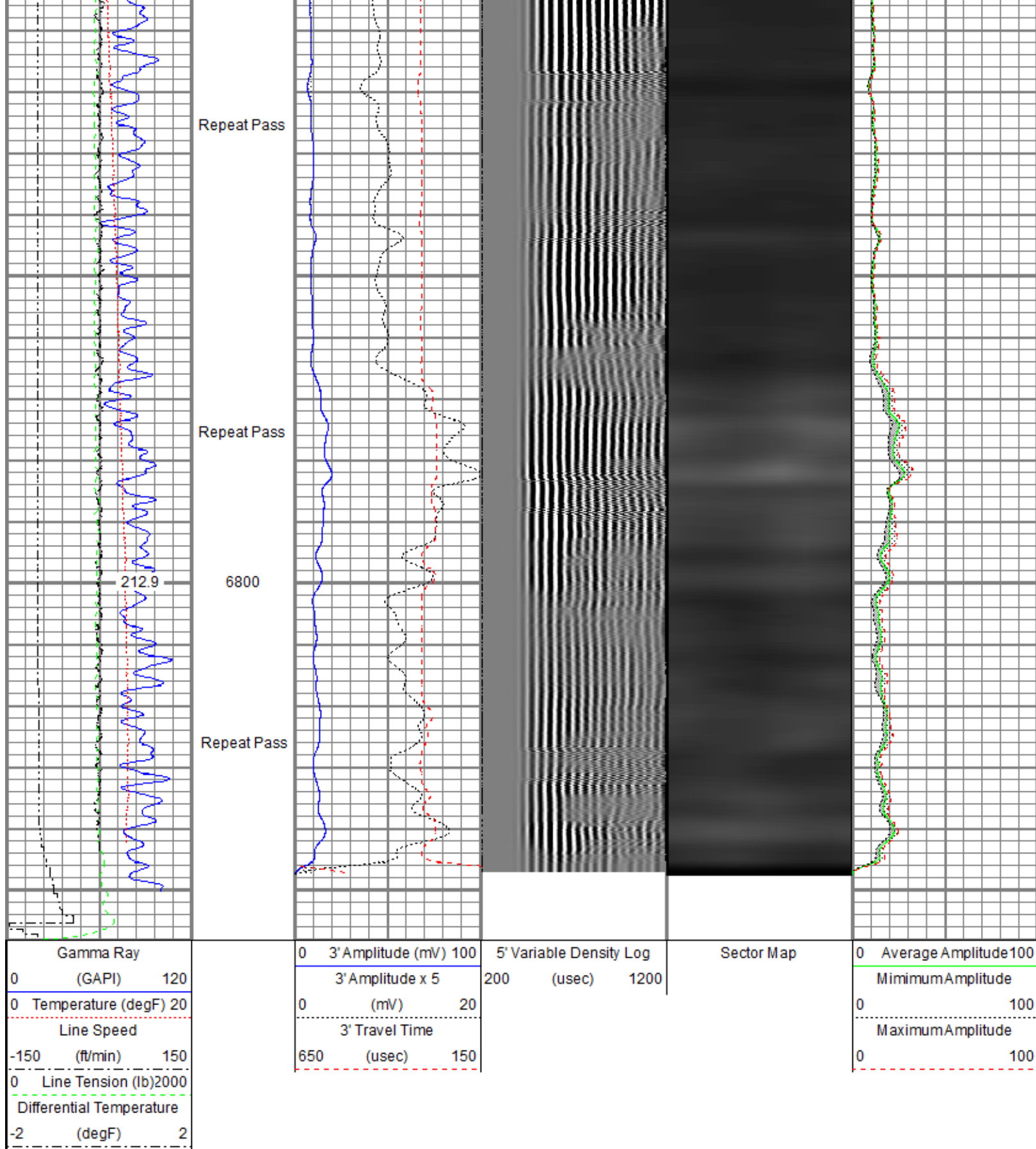


Repeat Pass

Recorded With 2800 PSI Surface Induced Pressure

Database File: 0512351242_oxy_nelson 35-19hz_rbl_05-13-21.db
 Dataset Pathname: pass2.2
 Presentation Format: ros_radri
 Dataset Creation: Sat May 15 09:57:32 2021
 Charted by: Depth in Feet scaled 1:240





Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
ErrCt	18.10		Titan CHD-16875 GO	1.03	1.69	5.40
RBT_HV	17.07		Titan 1-11/16" Assembled Electric Cable Head with 1" Fishing Neck			

			SO BS CENT-2750-4500 Slip Over 2-3/4" I.D. for 4-1/2" O.D. Casing Bow Spring Centralizer	1.33	3.25	10.00
TEMP	14.16					
RBT_ACCZ	11.93		Probe Radii ACC-2750 RBTa (FW1302-002) Probe 2-3/4" Radial Cement Bond Tool with Integral Temperature Sub and Accelerometer	9.39	2.75	105.00
RBT_ACCY	11.93					
RBT_ACCX	11.93					
WVFSYNC	11.93					
WVFS8	11.93					
WVFS7	11.93					
WVFS6	11.93					
WVFS5	11.93					
WVFS4	11.93					
WVFS3	11.93					
WVFS2	11.93					
WVFS1	11.93					
WVFCAL	11.93					
WVF3FT	11.93					
WVF5FT	10.93					
CCL\$2	6.80					
CCL\$1	6.80					
GR	5.46		SO BS CENT-2750-4500 Slip Over 2-3/4" I.D. for 4-1/2" O.D. Casing Bow Spring Centralizer 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	1.33 4.80	3.25 2.75	10.00 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: 0512351242_oxy_nelson 35-19hz_rbl_05-13-21.db: field/well/run1/pass4.2 Total length: 18.10 ft Total weight: 215.40 lb O.D.: 3.25 in						

Calibration Report	
Database File	0512351242_oxy_nelson 35-19hz_rbl_05-13-21.db
Dataset Pathname	pass4.2
Dataset Creation	Sat May 15 09:54:34 2021
Gamma Ray Calibration Report	

Serial Number: FW1304-132
Tool Model: 2750 6PB
Performed: Mon Oct 19 14:19:51 2020

Calibrator Value: 637.0 GAPI
Background Reading: 109.1 cps
Calibrator Reading: 1009.7 cps
Sensitivity: 0.7072 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: FW1302-002
Tool Model: 2750 RBTa

Calibration Casing Diameter: 5.500 in
Calibration Depth: 0.329 ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.008	0.684	0.800	71.921	105.144	0.005
CAL	0.006	0.675				
5'	0.008	0.606	0.800	71.921	118.800	-0.124
SUM						
S1	0.005	0.627	0.000	100.000	160.965	-0.864
S2	0.007	0.659	0.000	100.000	153.273	-1.055
S3	0.008	0.709	0.000	100.000	142.533	-1.089
S4	0.008	0.726	0.000	100.000	139.291	-1.160
S5	0.008	0.743	0.000	100.000	136.122	-1.092
S6	0.008	0.723	0.000	100.000	139.757	-1.055
S7	0.008	0.692	0.000	100.000	146.214	-1.154
S8	0.007	0.668	0.000	100.000	151.368	-1.119

Air Zero Calibration, performed Tue May 11 07:17:44 2021:

	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

Inclinometer Calibration Report

Performed: Mon Oct 19 14:19:51 2020

	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	-891.00	891.00	-1.00	1.00	gee
Y Accelerometer	-899.00	877.00	-1.00	1.00	gee
Z Accelerometer	-7.47	873.36	0.00	1.00	gee

Temperature Calibration Report

Serial Number: FW1302-002
 Tool Model: 2750 RBTa
 Performed: Mon Oct 19 14:19:51 2020

	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	Kerr-McGee Oil & Gas Onshore, L.P.
Well	Nelson 35-19HZ
Field	Wattenberg
County	Weld
State	Colorado