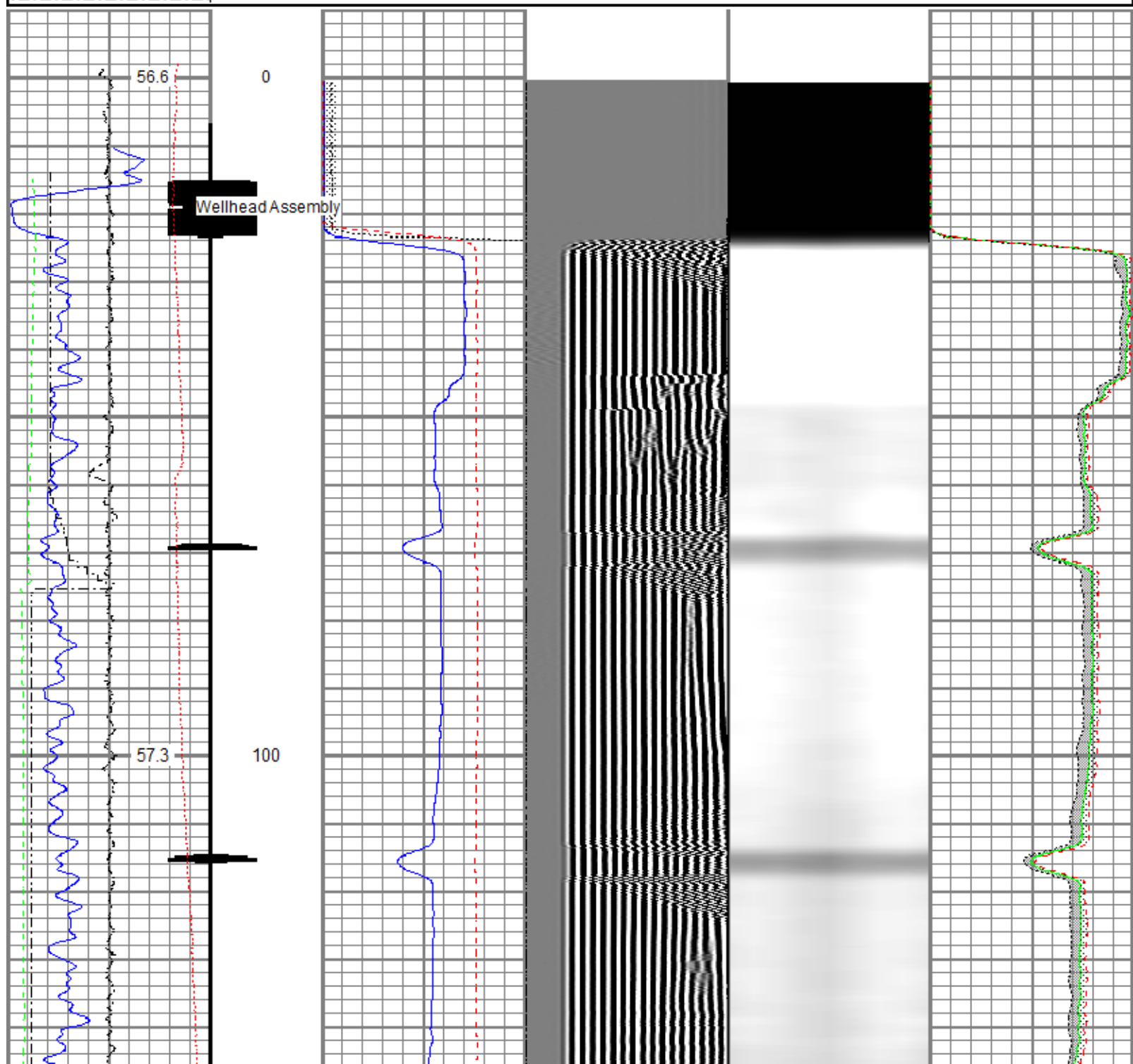
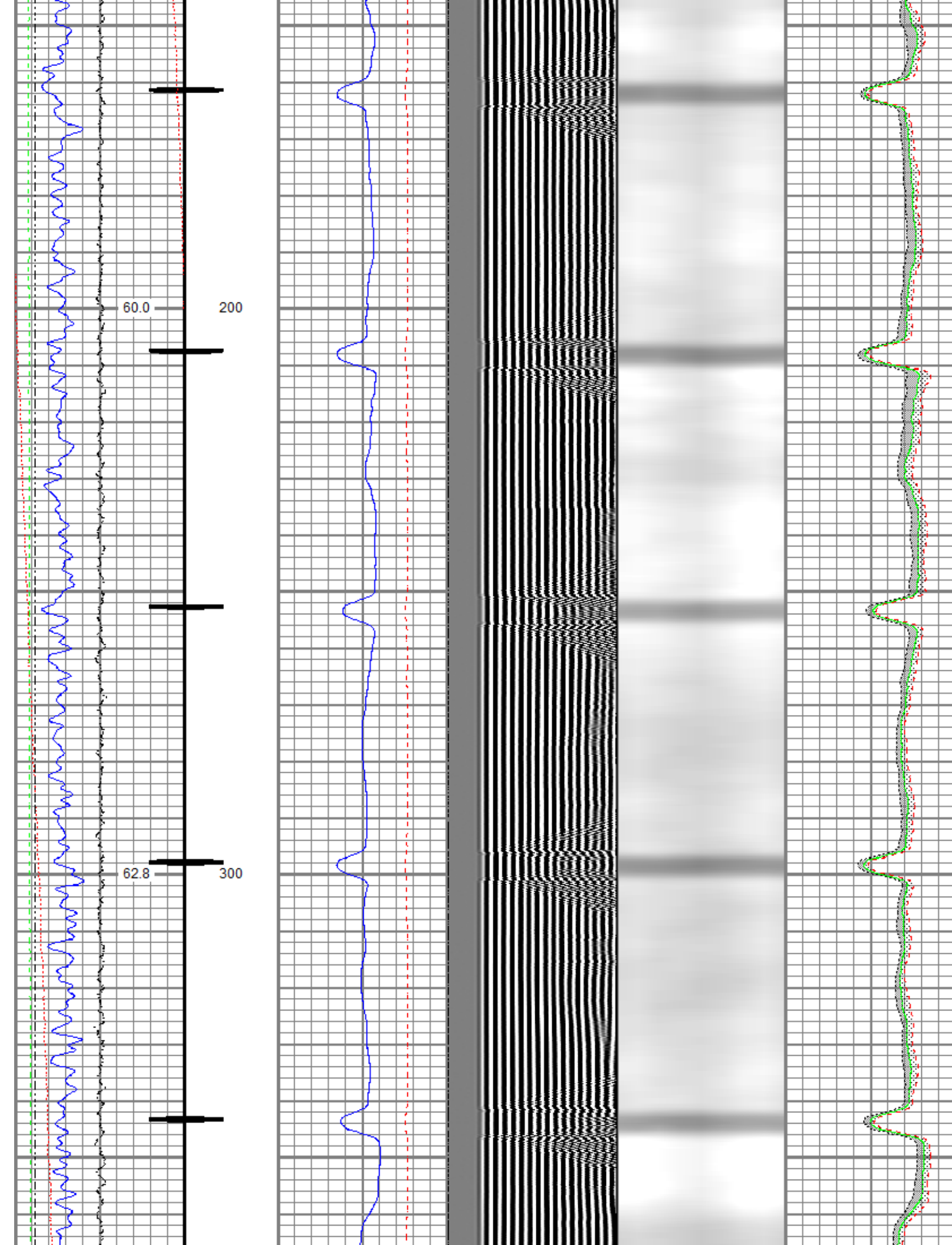


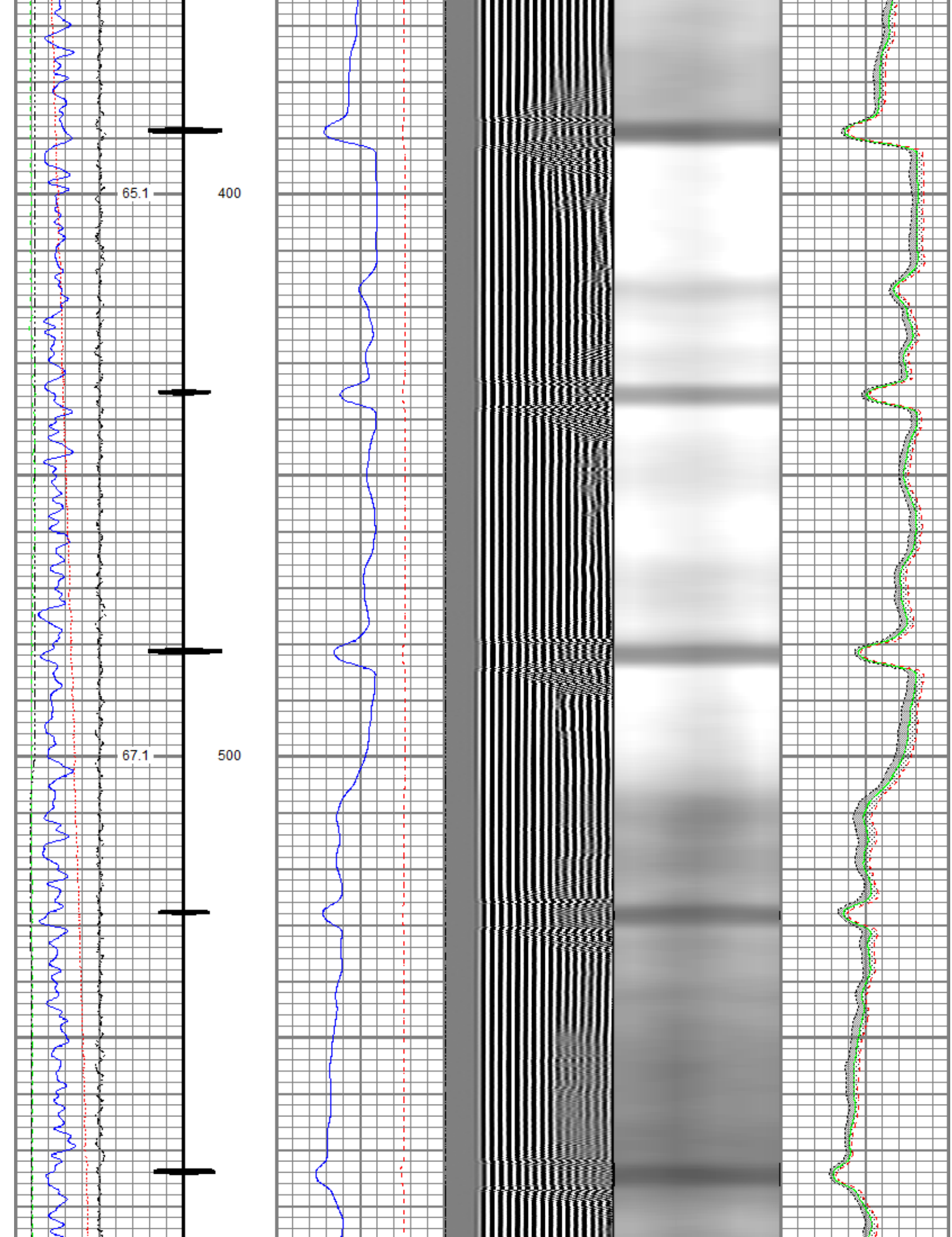
<<< Fold Here >>>
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible 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 Marker Joint at 6055.9 FT Adjusted -11 FT to correlate with Marker Joint Log ran with 2000 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>

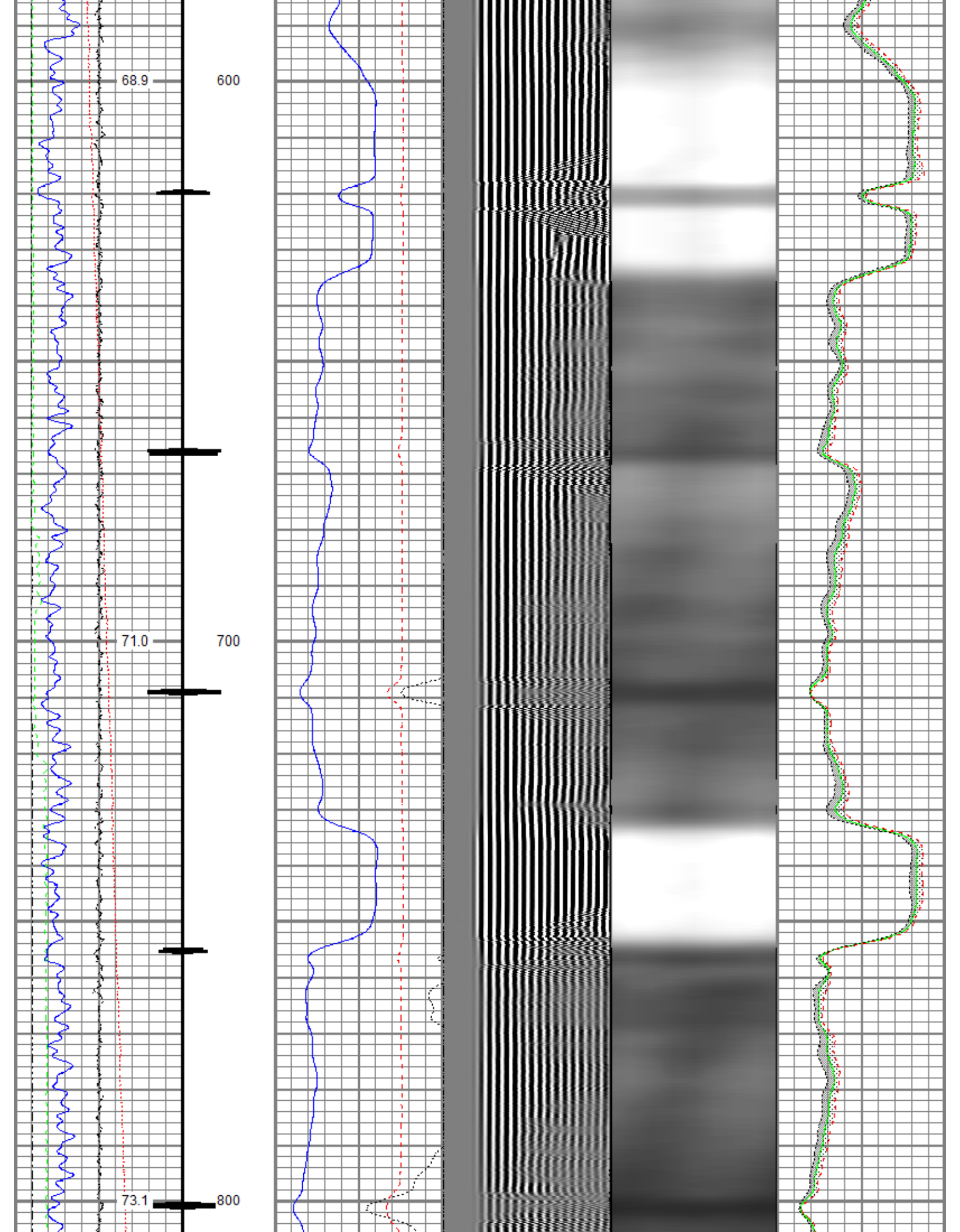
Database File noble\noble_reveille a34-757_rbl_03-20-21\noble_reveille a34-757_rbl_03-20-21.db
 Dataset Pathname main/pass1
 Presentation Format ros_radri_noble
 Dataset Creation Sat Mar 20 11:11:56 2021
 Charted by Depth in Feet scaled 1:240

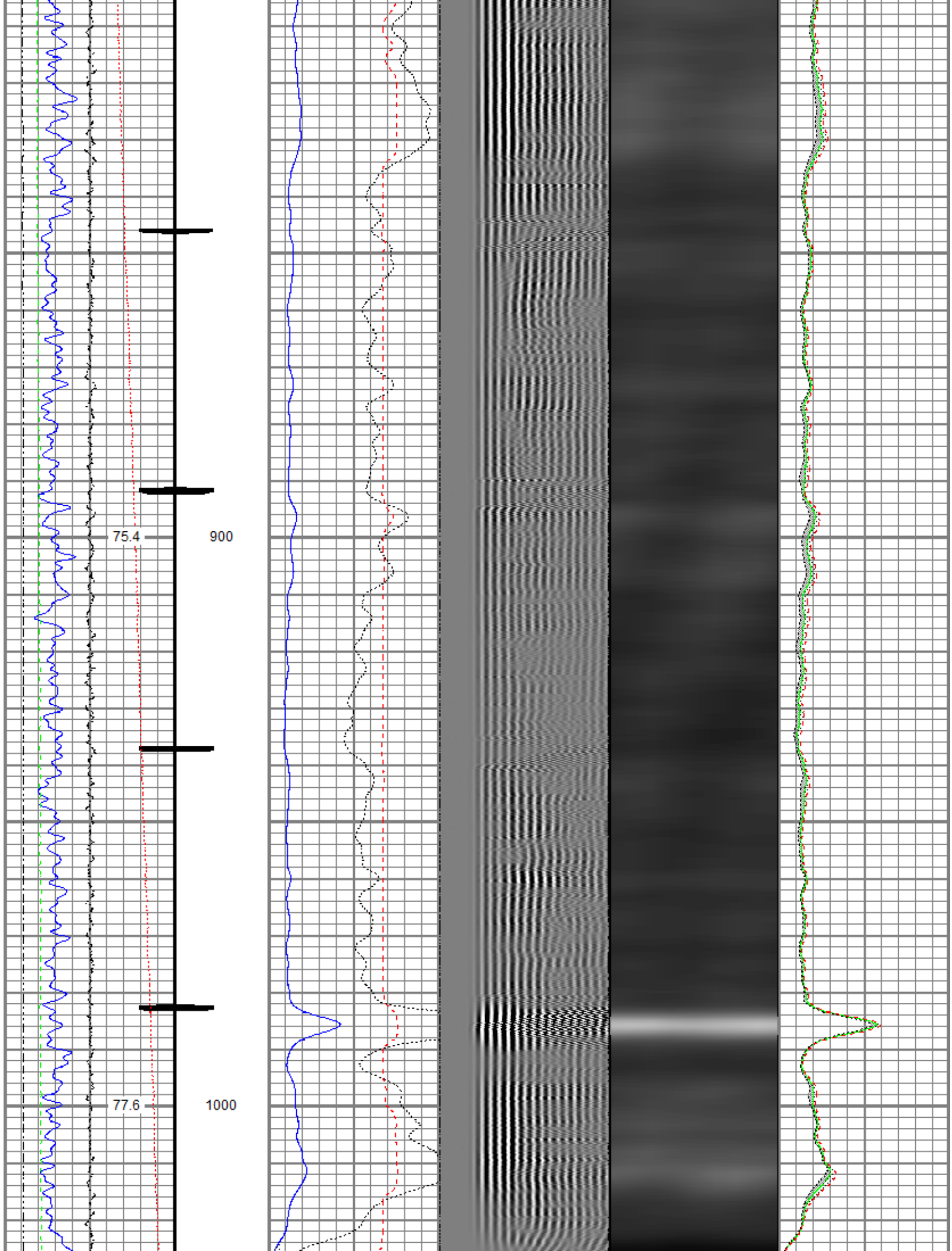
Gamma Ray	0	3' Amplitude (mV)	100	5' Variable Density Log	Sector Map	0	Average Amplitude	100
(GAPI)	120	3' Amplitude x 5	200	(usec)	1200		Minimum Amplitude	
Casing Collar Locator		0	(mV)	20		0		100
0 Temperature (degF)	20	3' Travel Time					Maximum Amplitude	
Line Speed		650	(usec)	150		0		100
-150 (ft/min)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

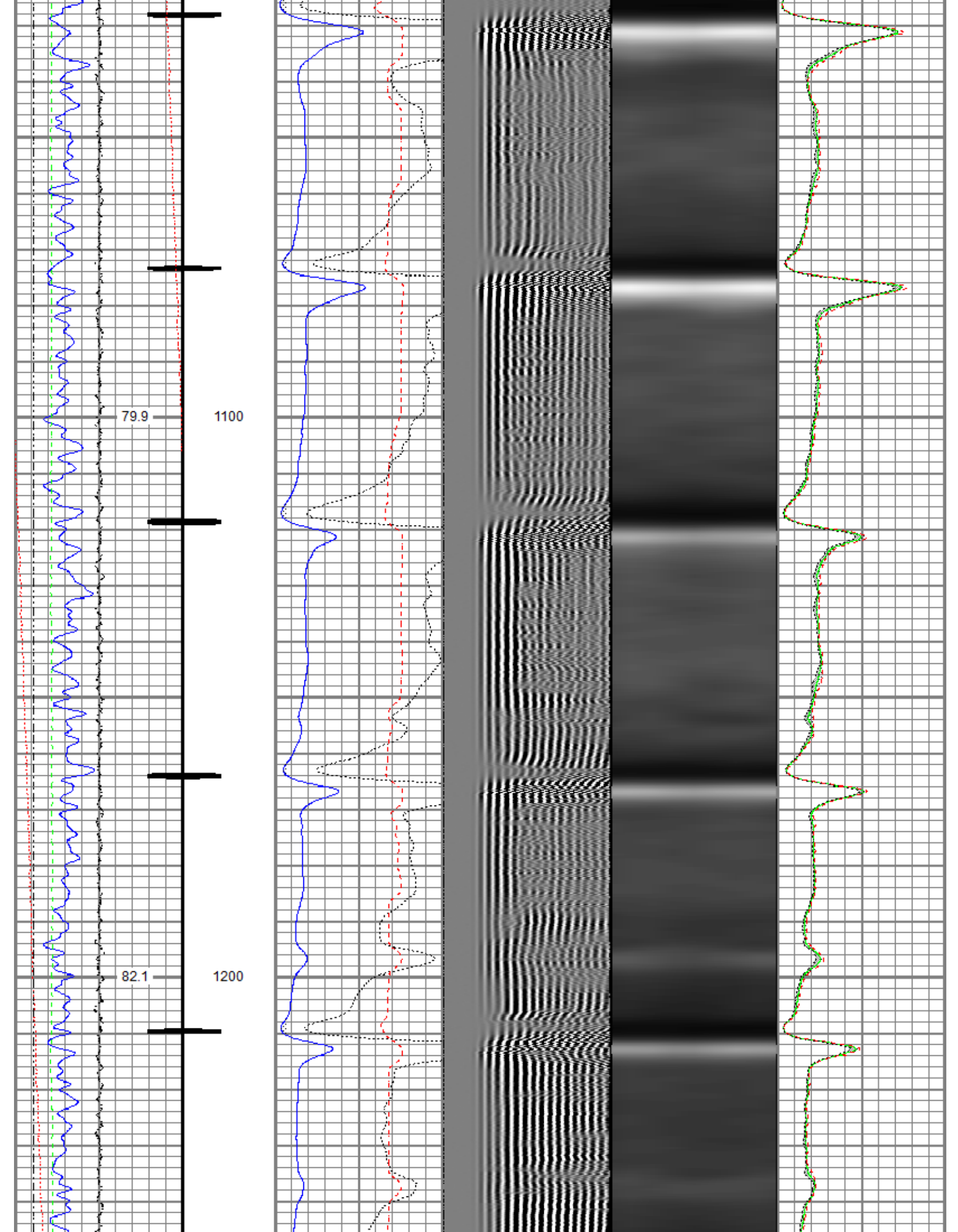


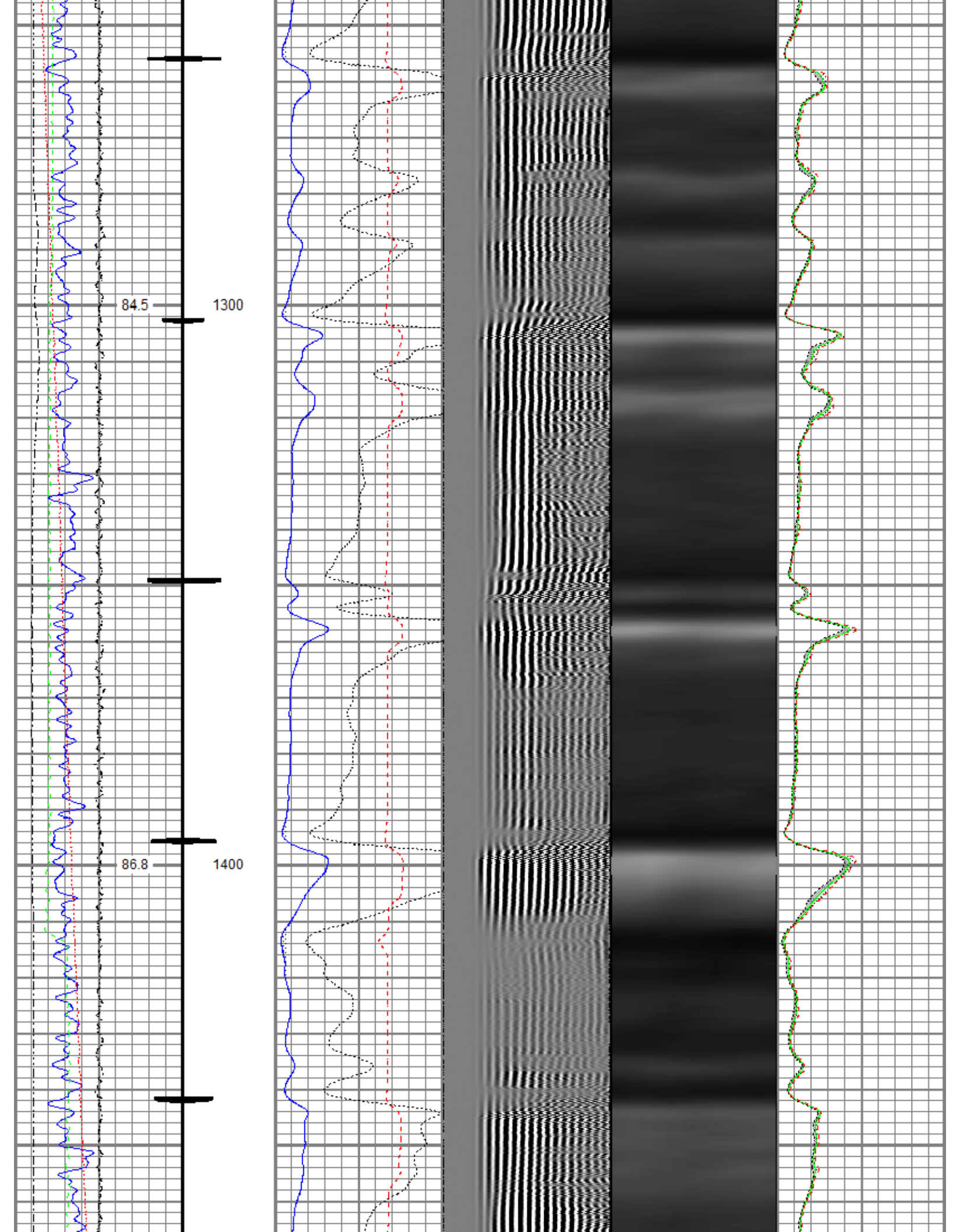


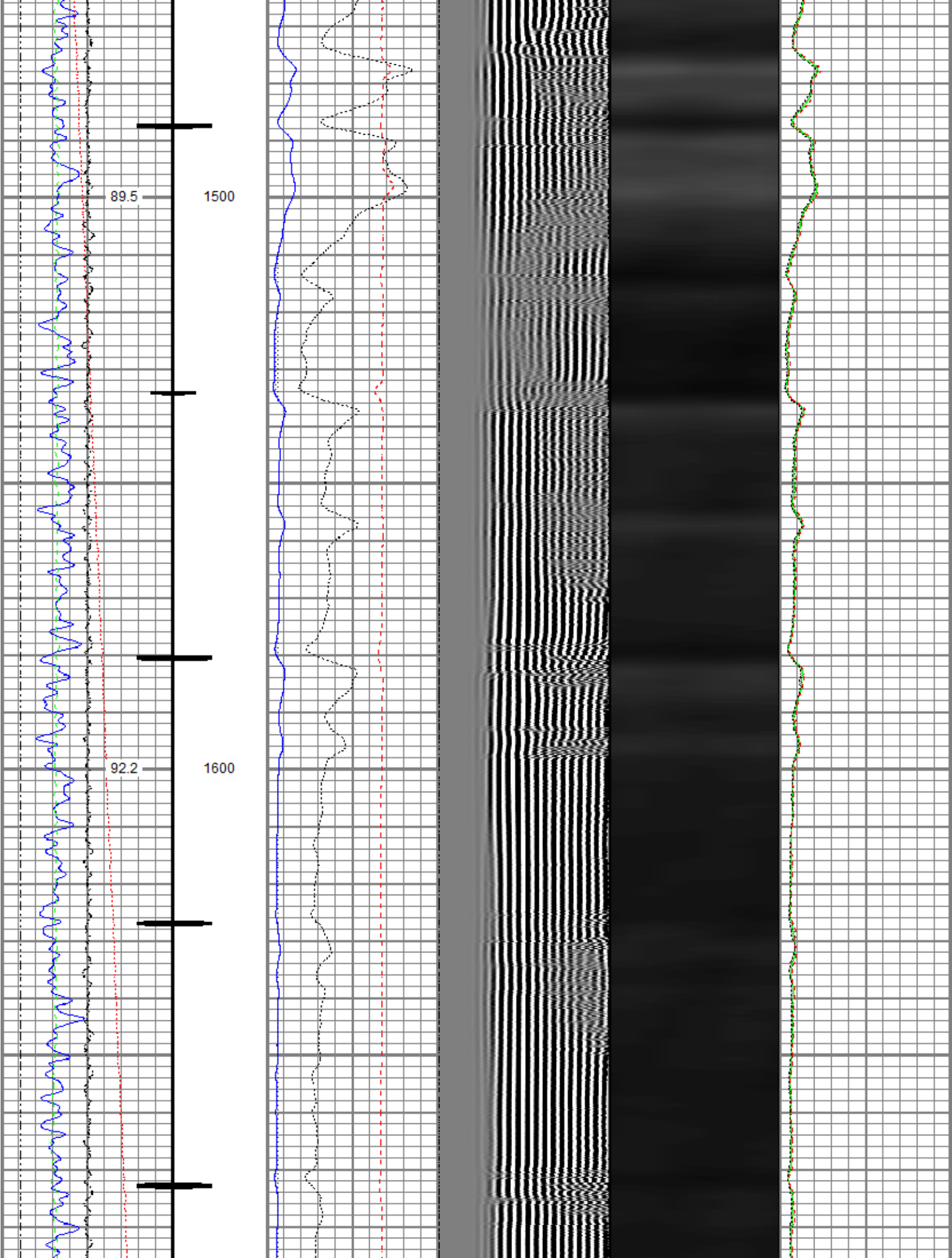


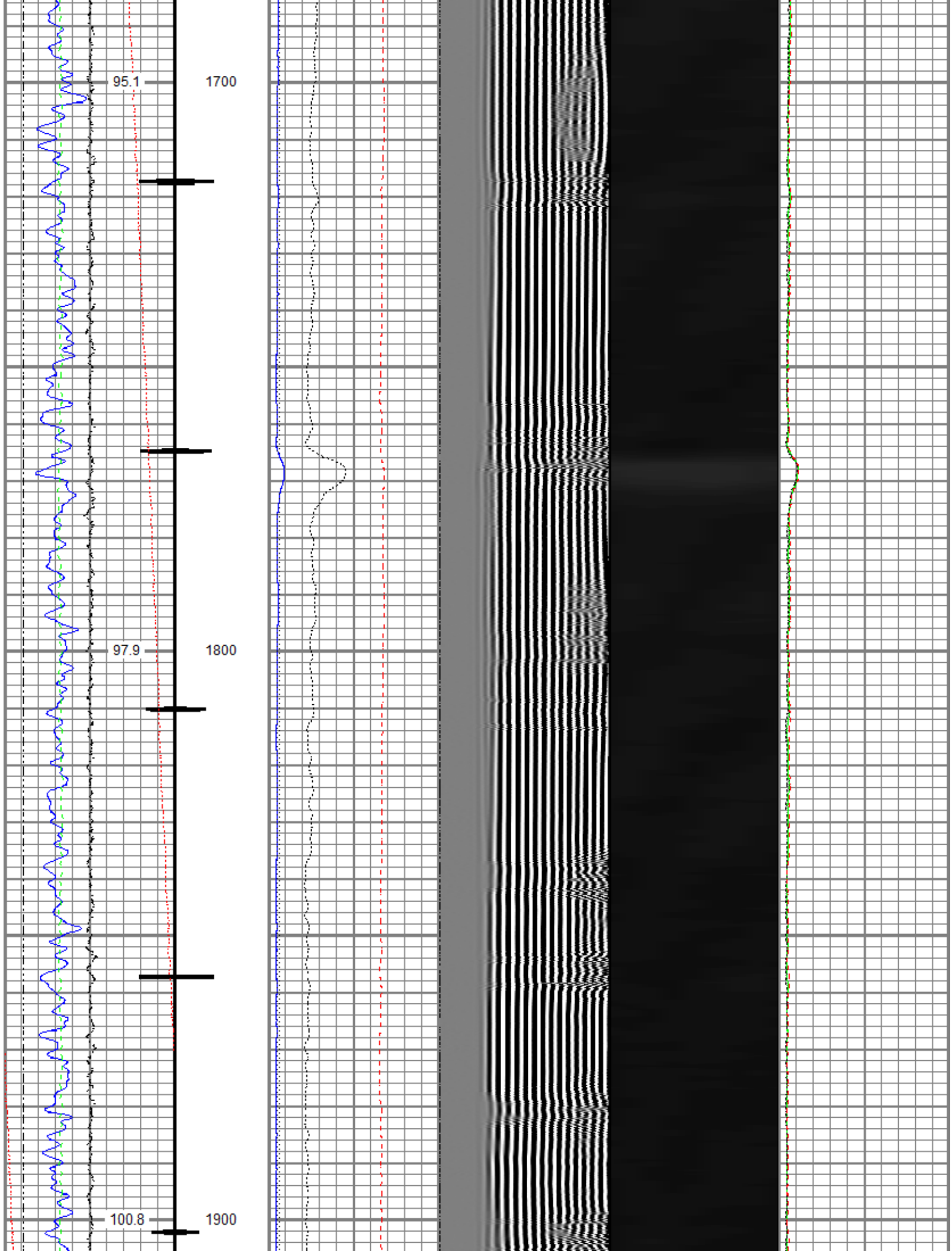


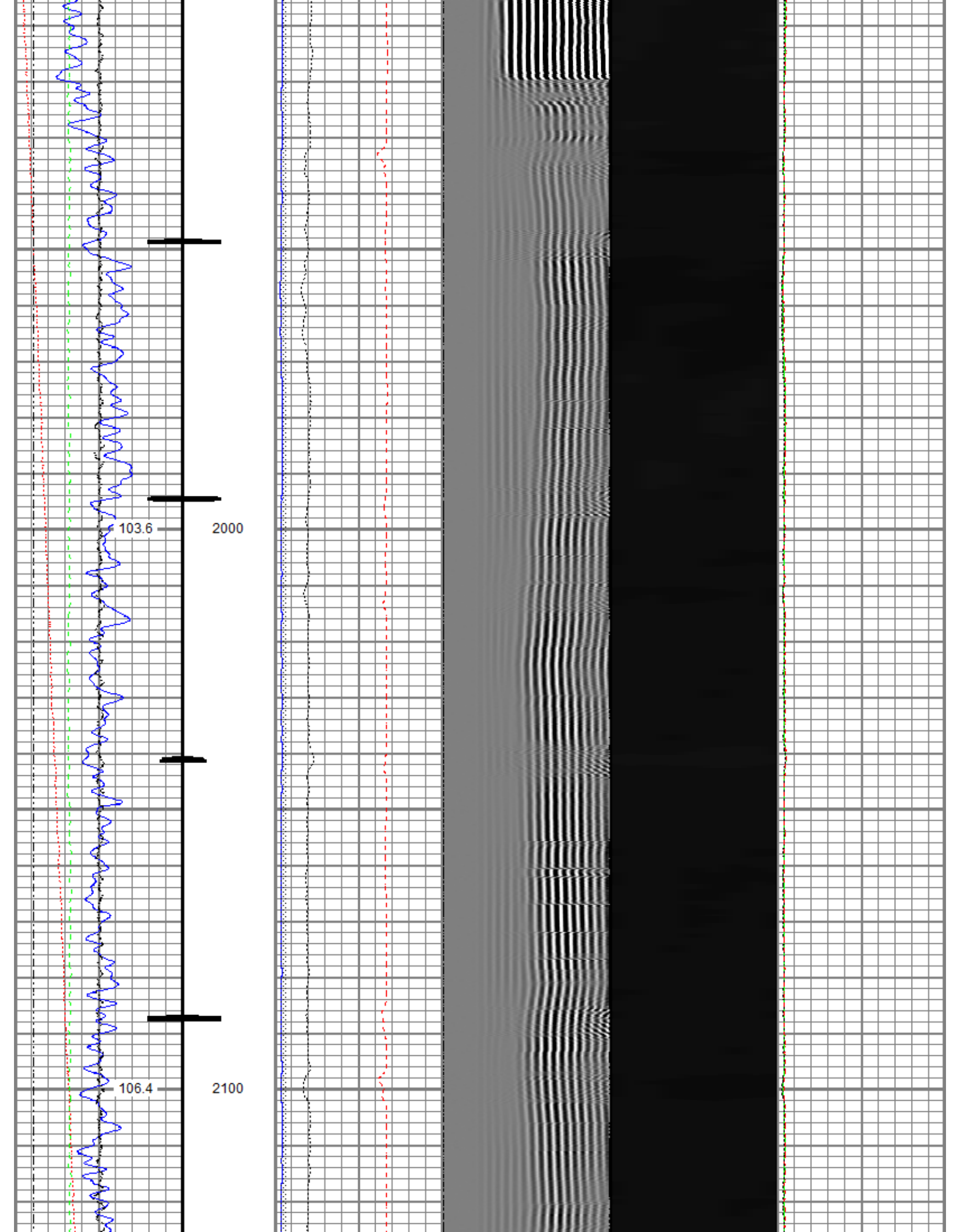


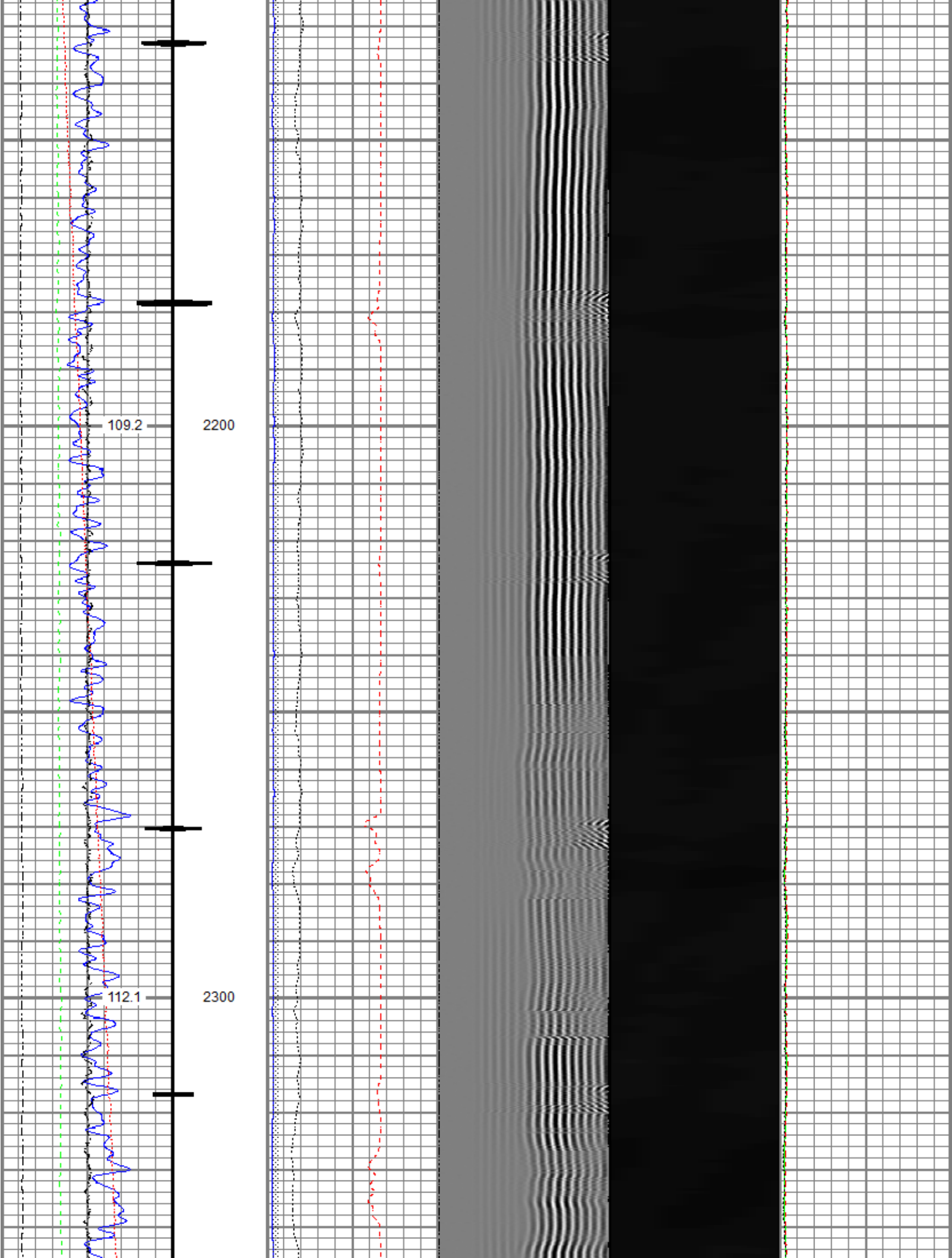


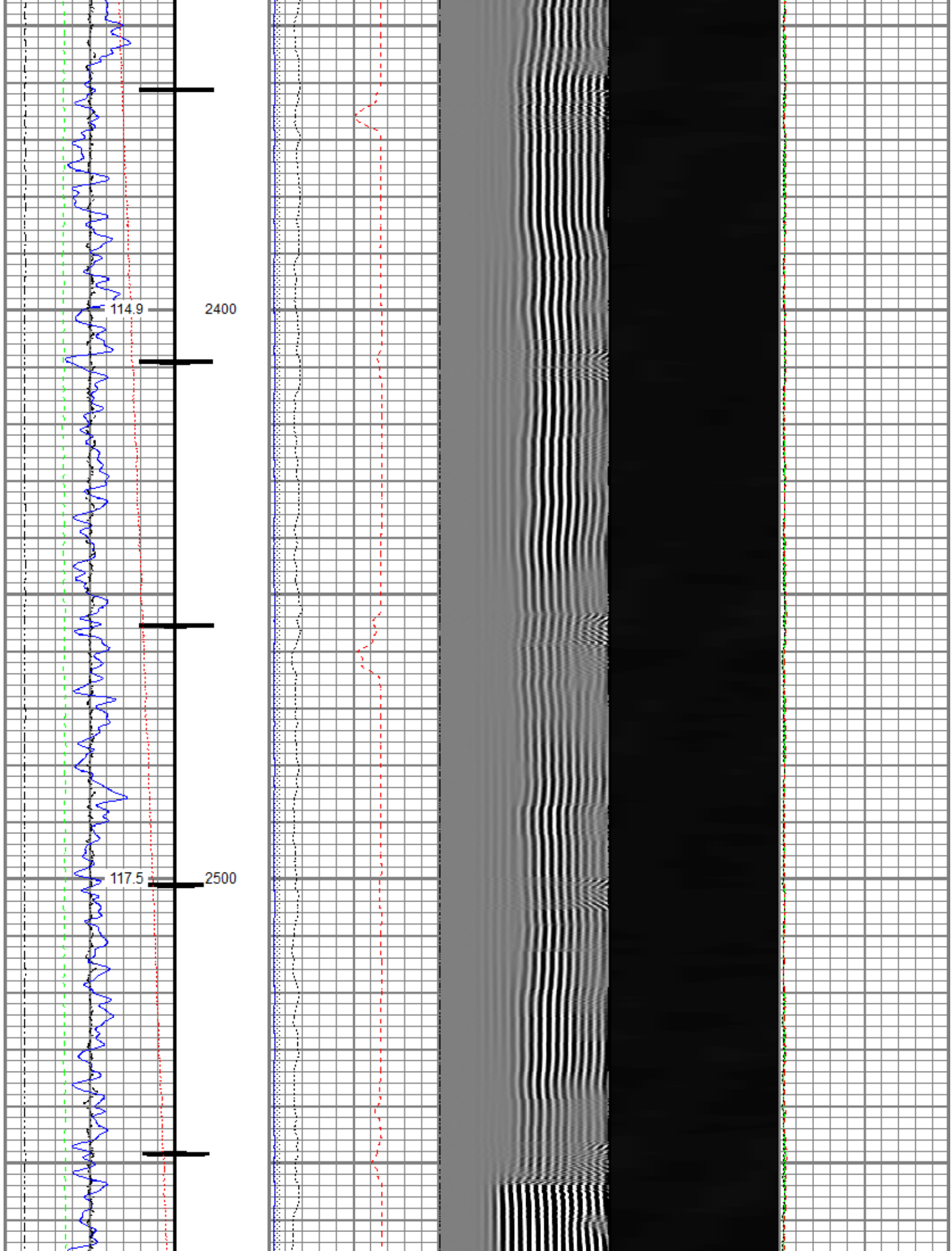


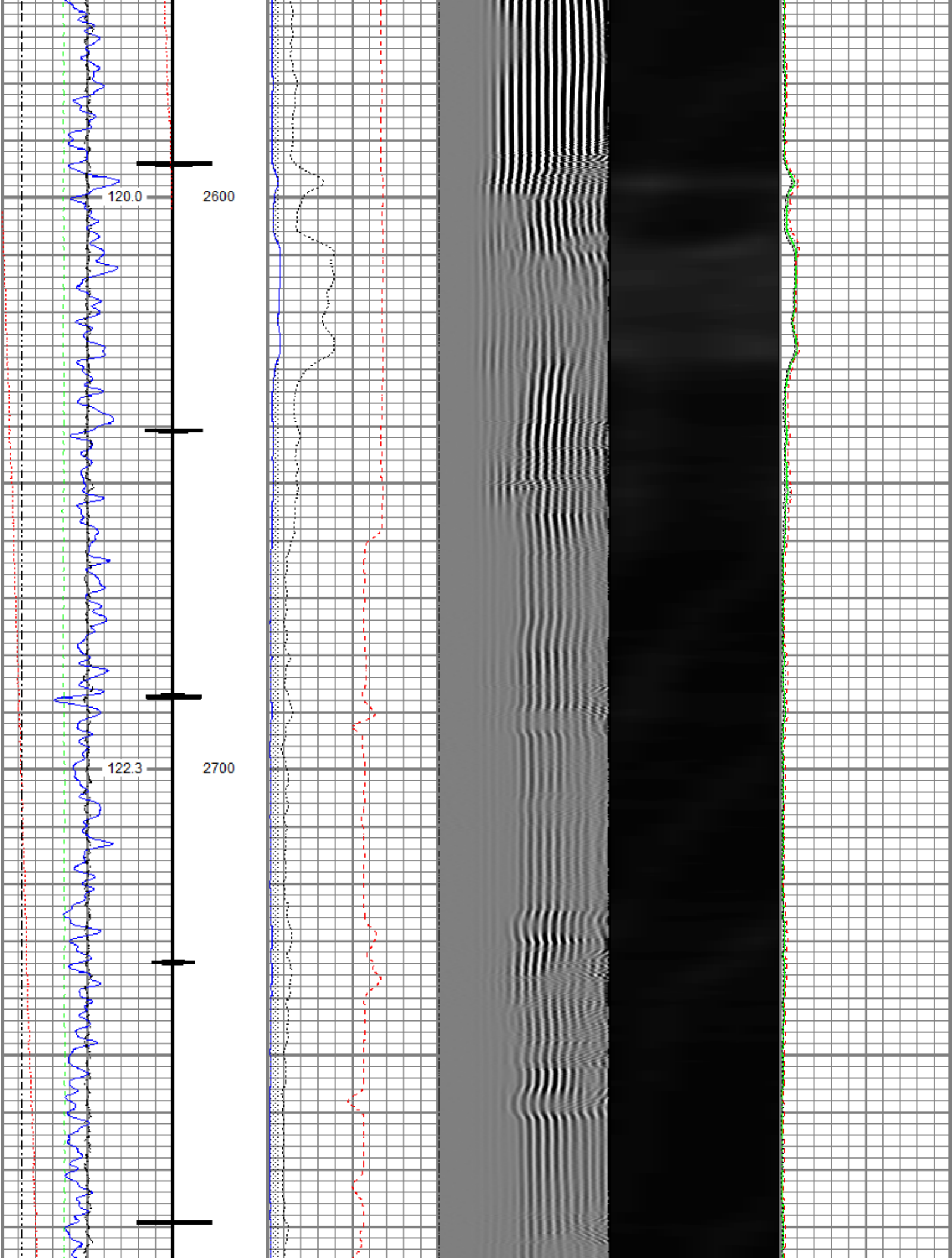


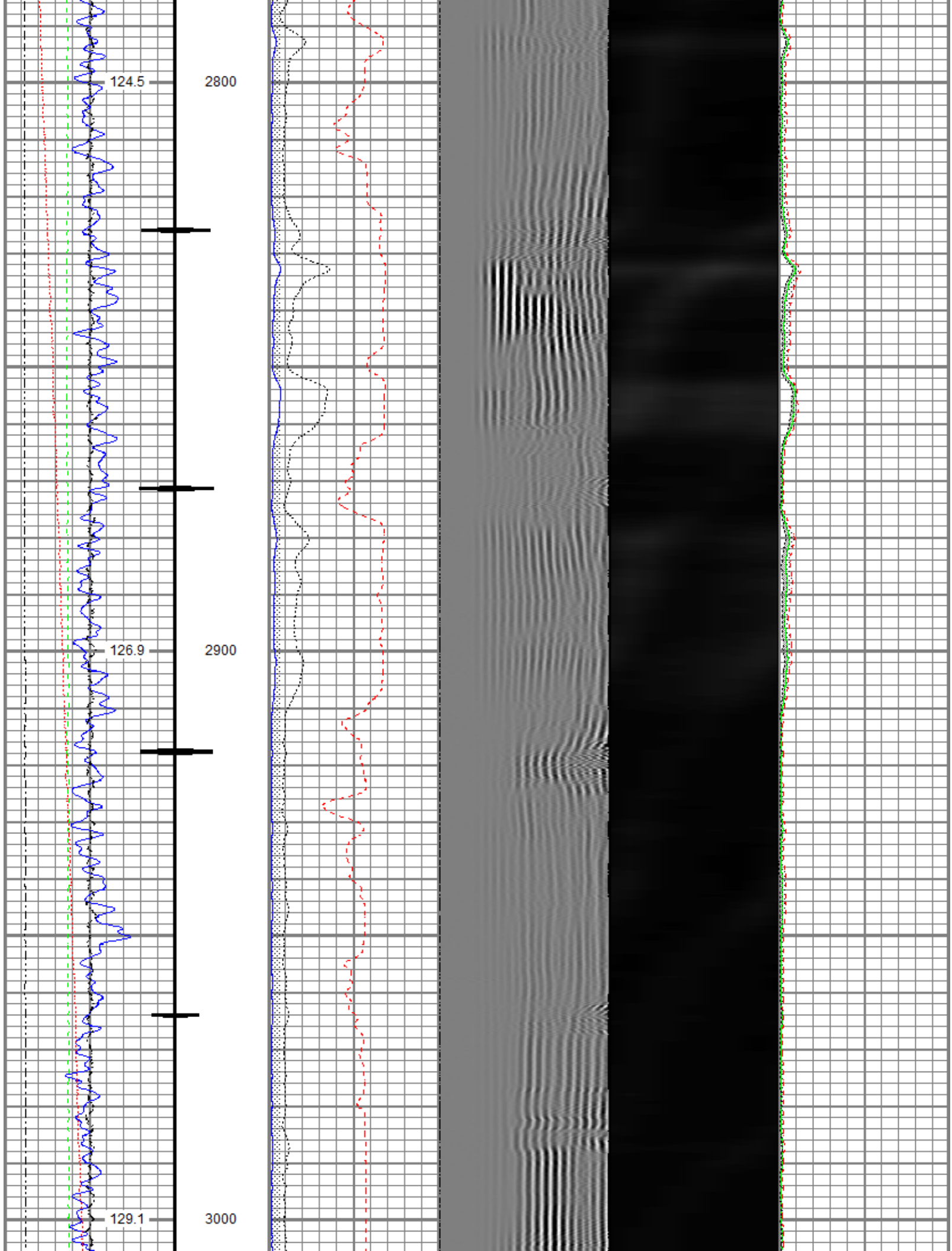


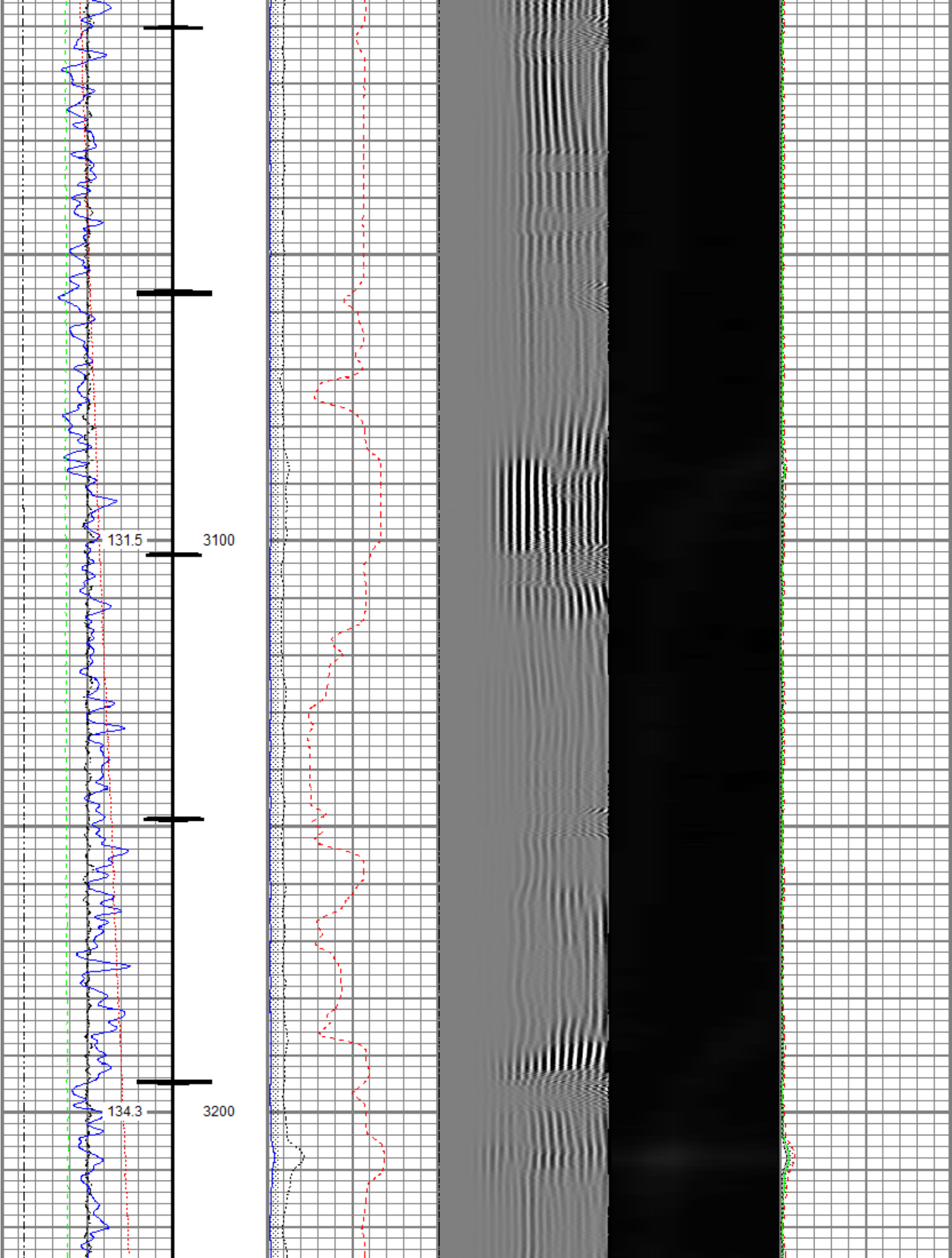


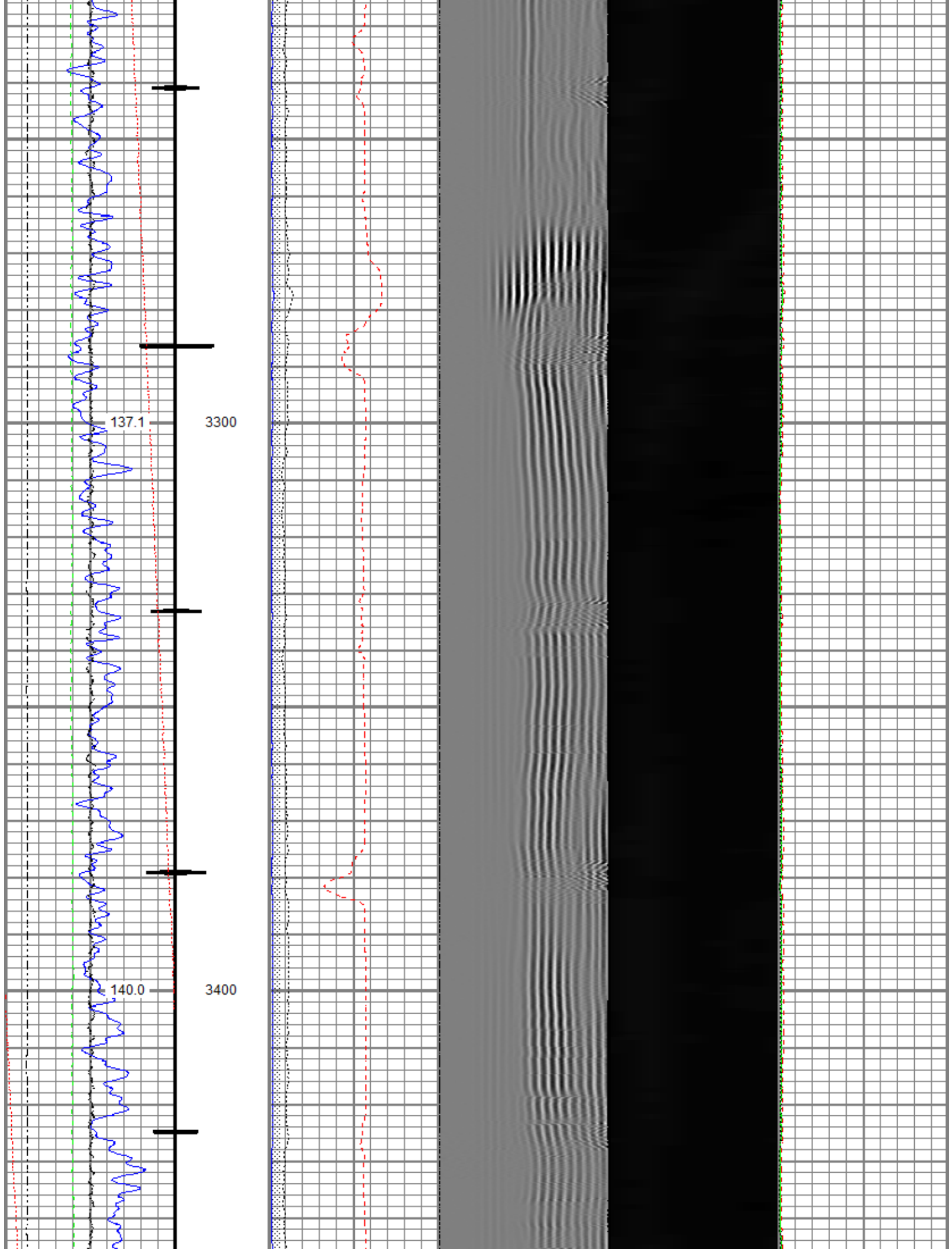


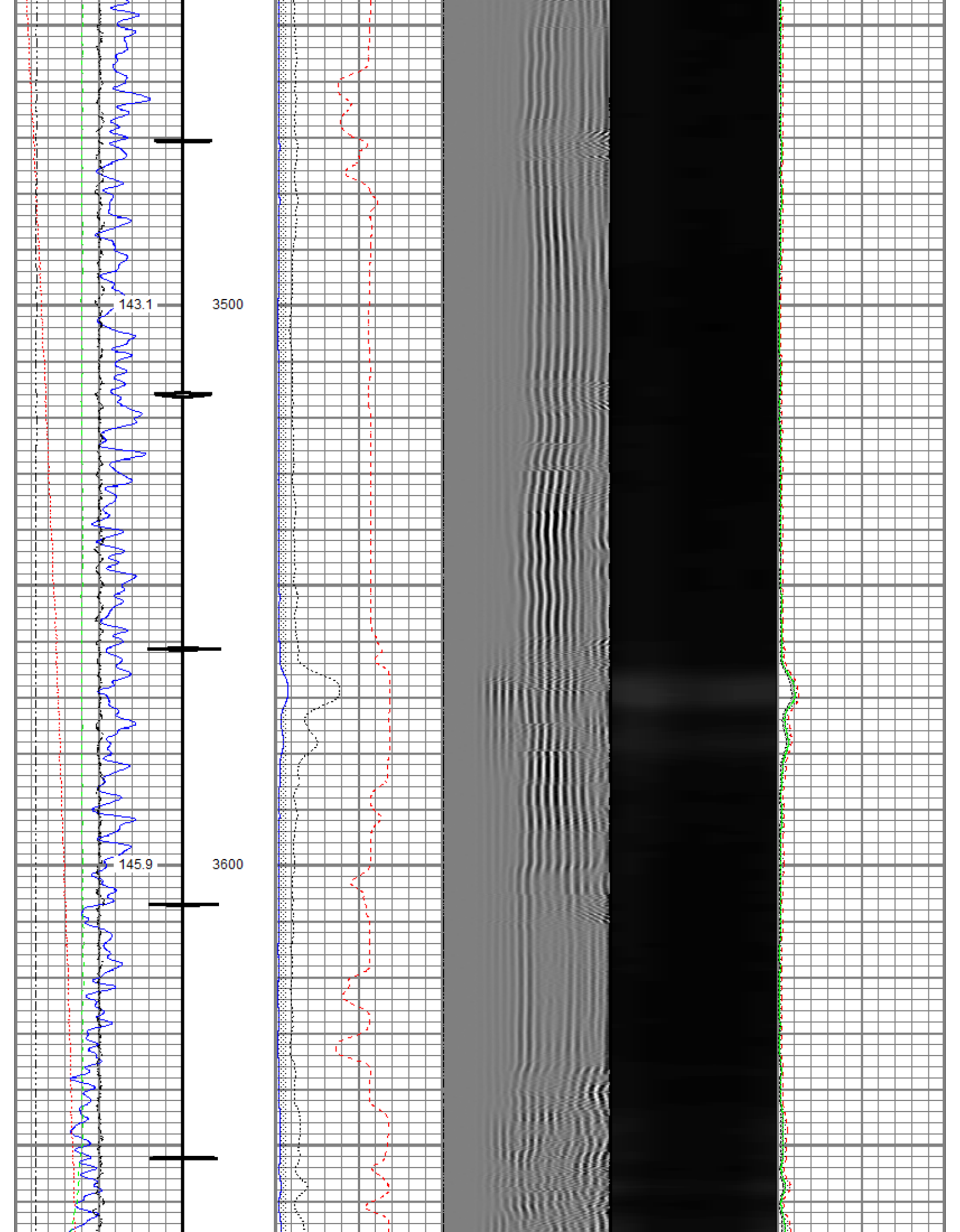


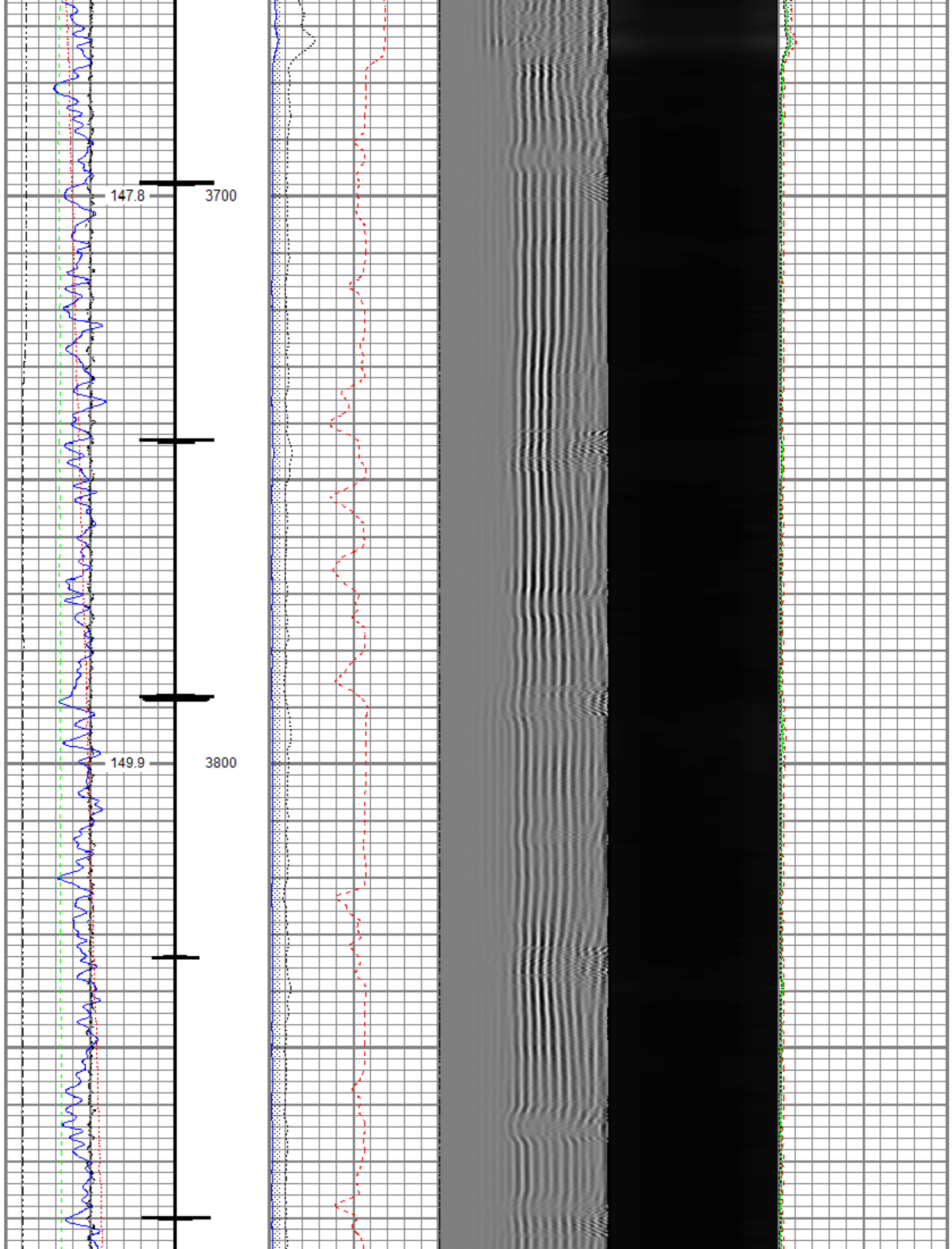


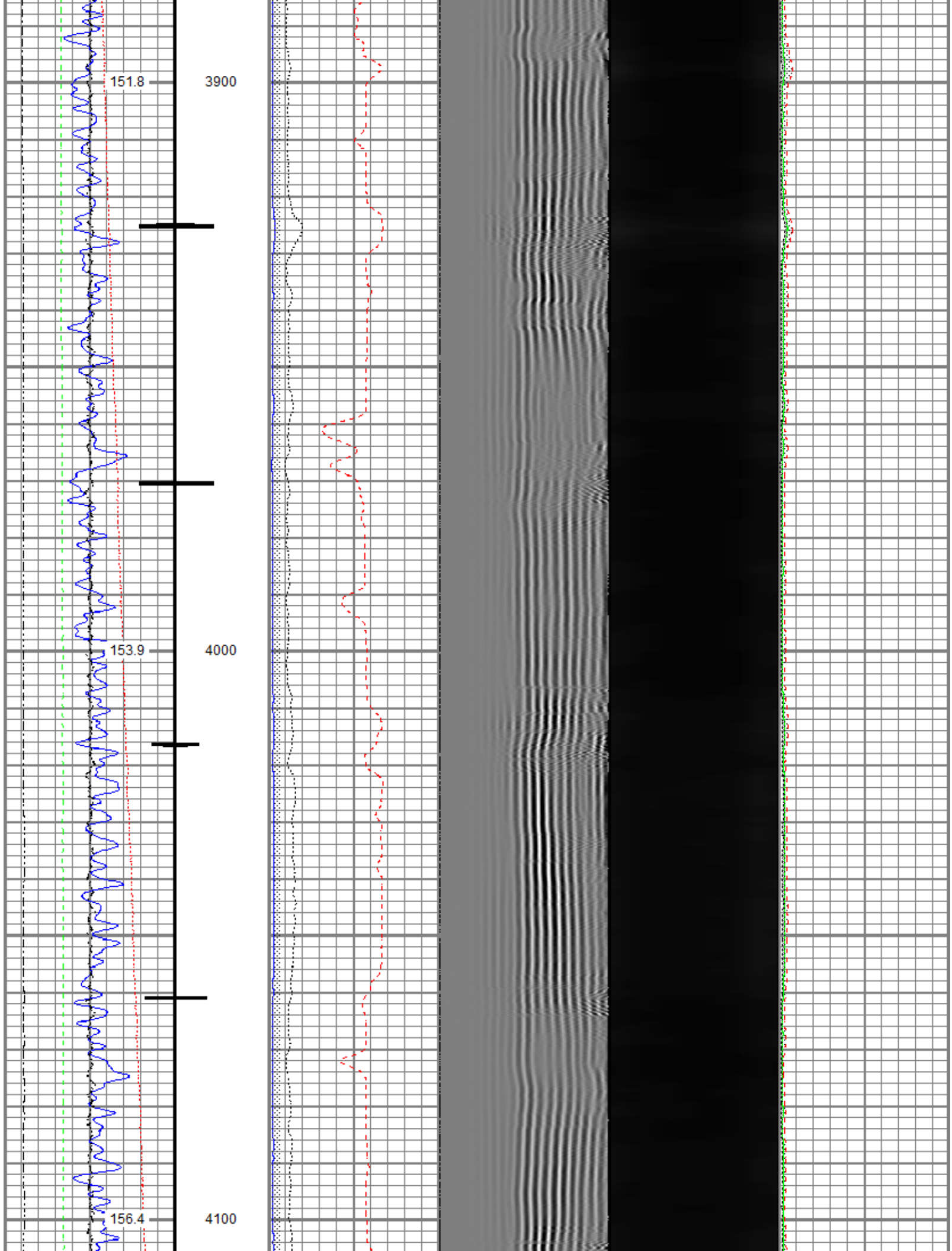


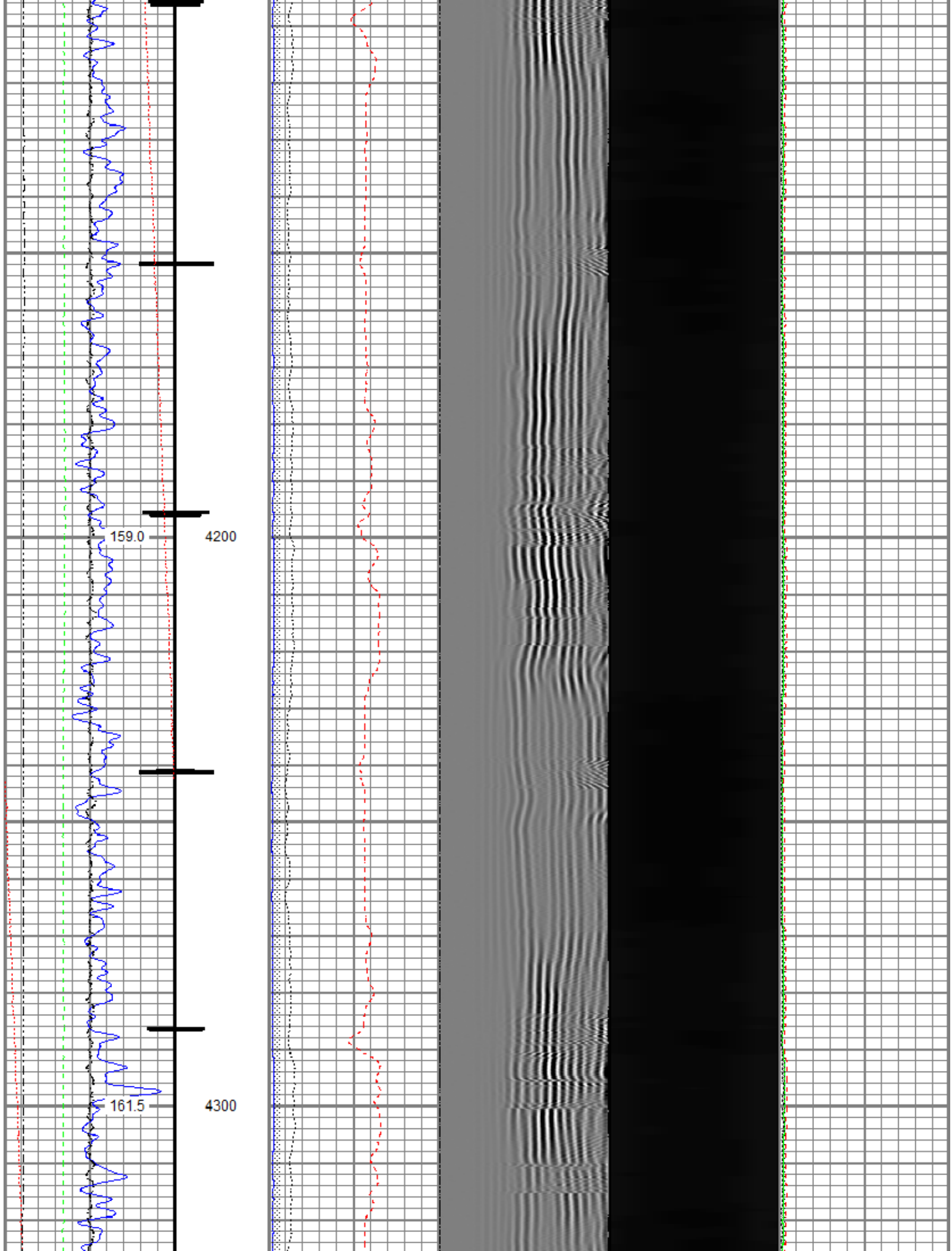


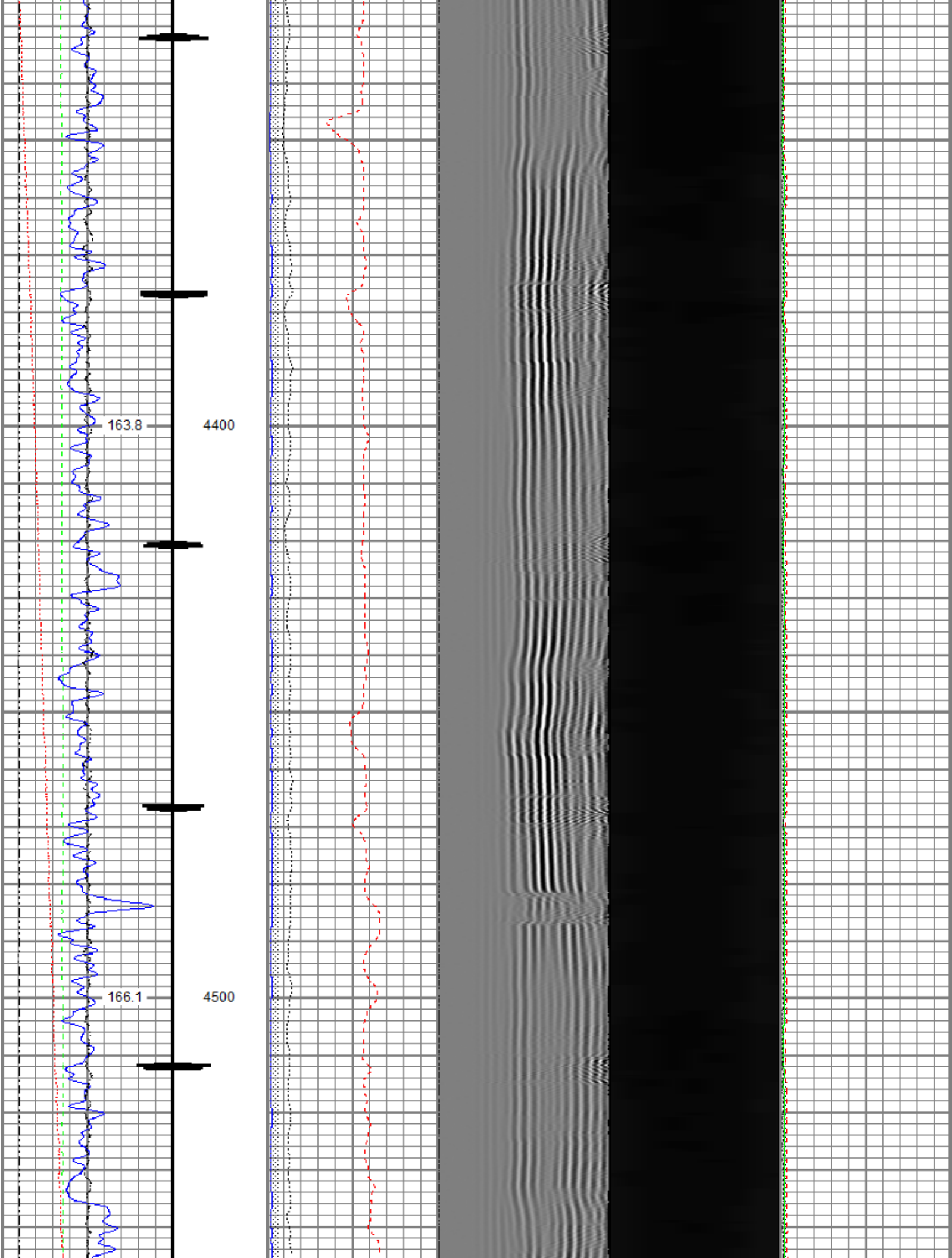


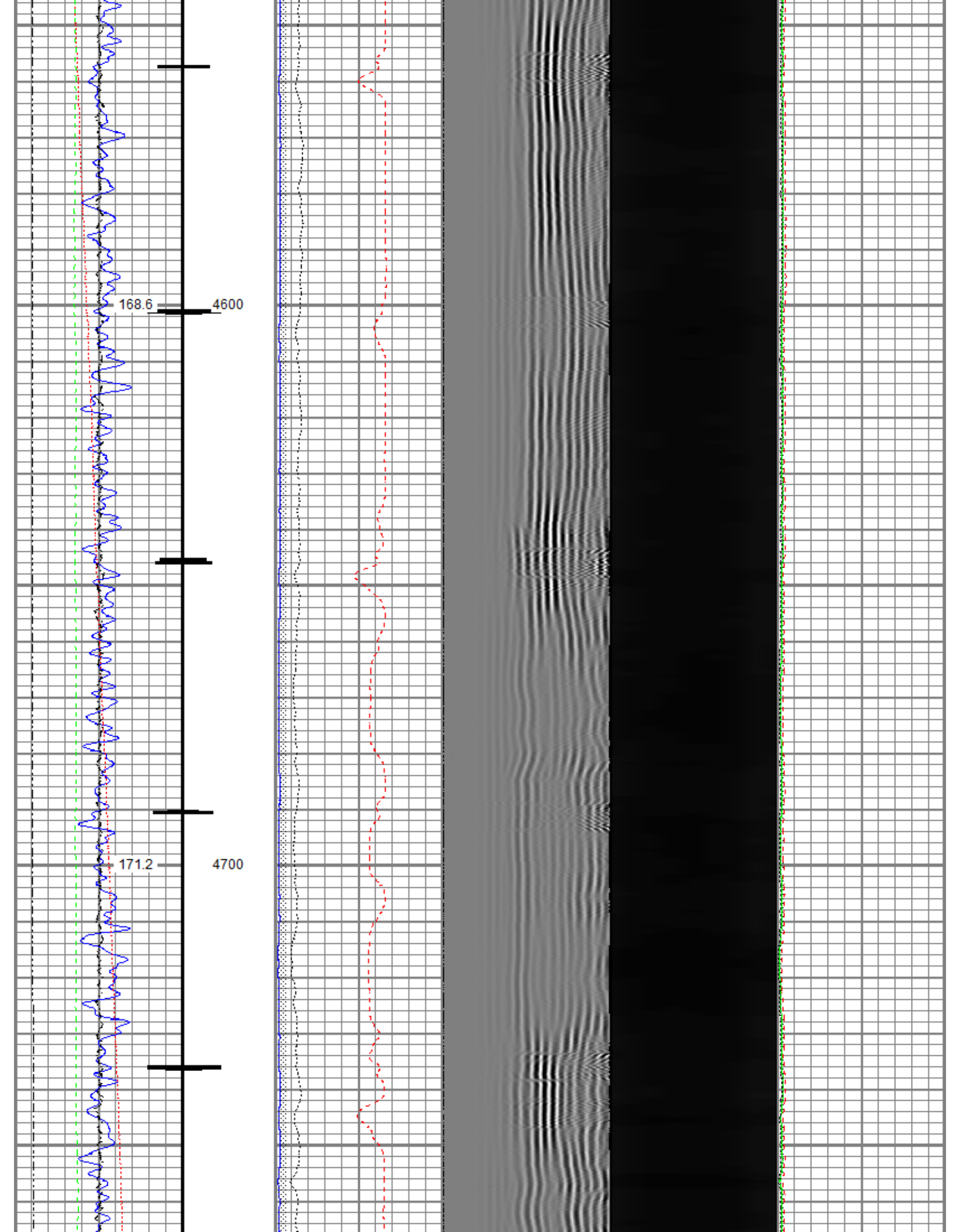


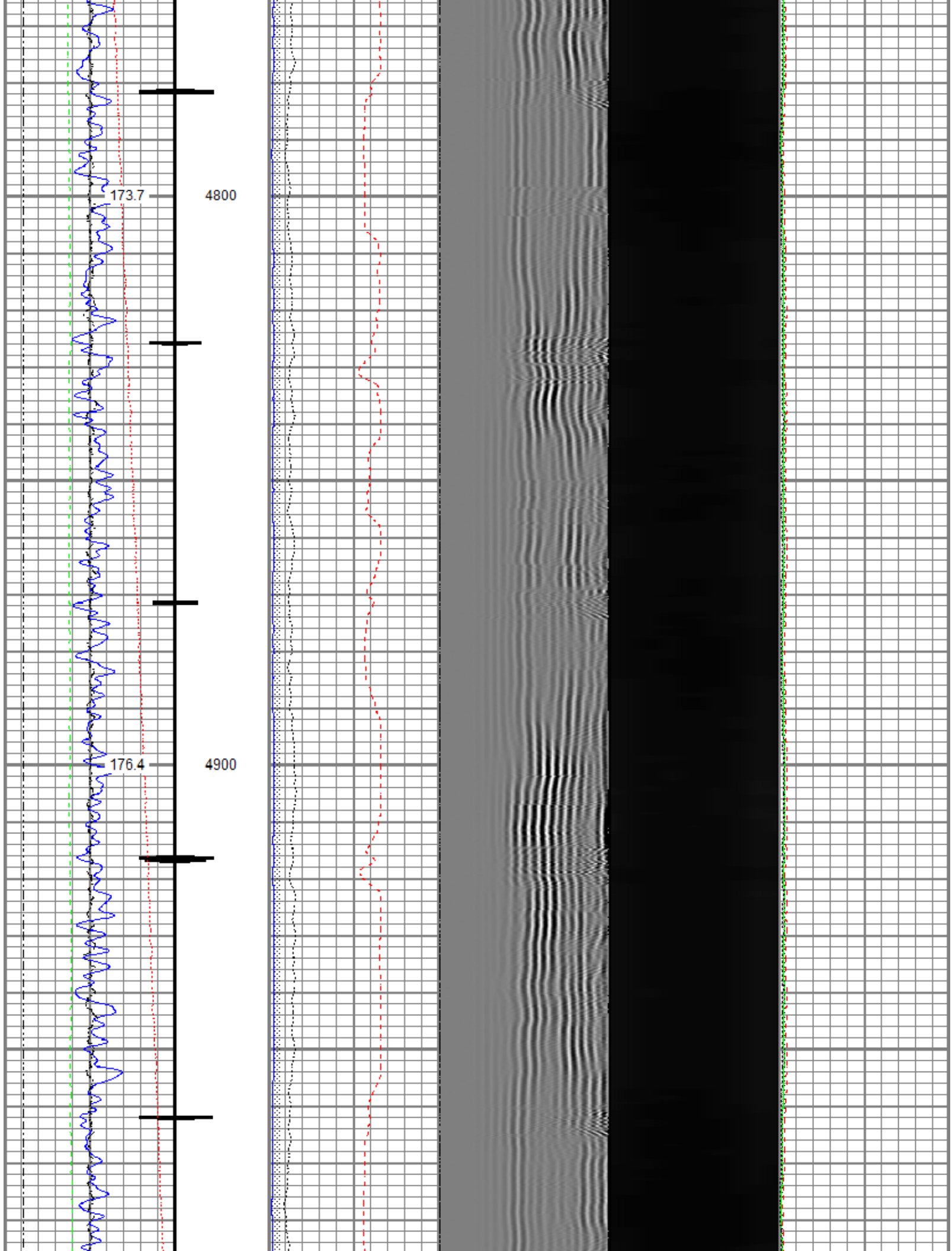


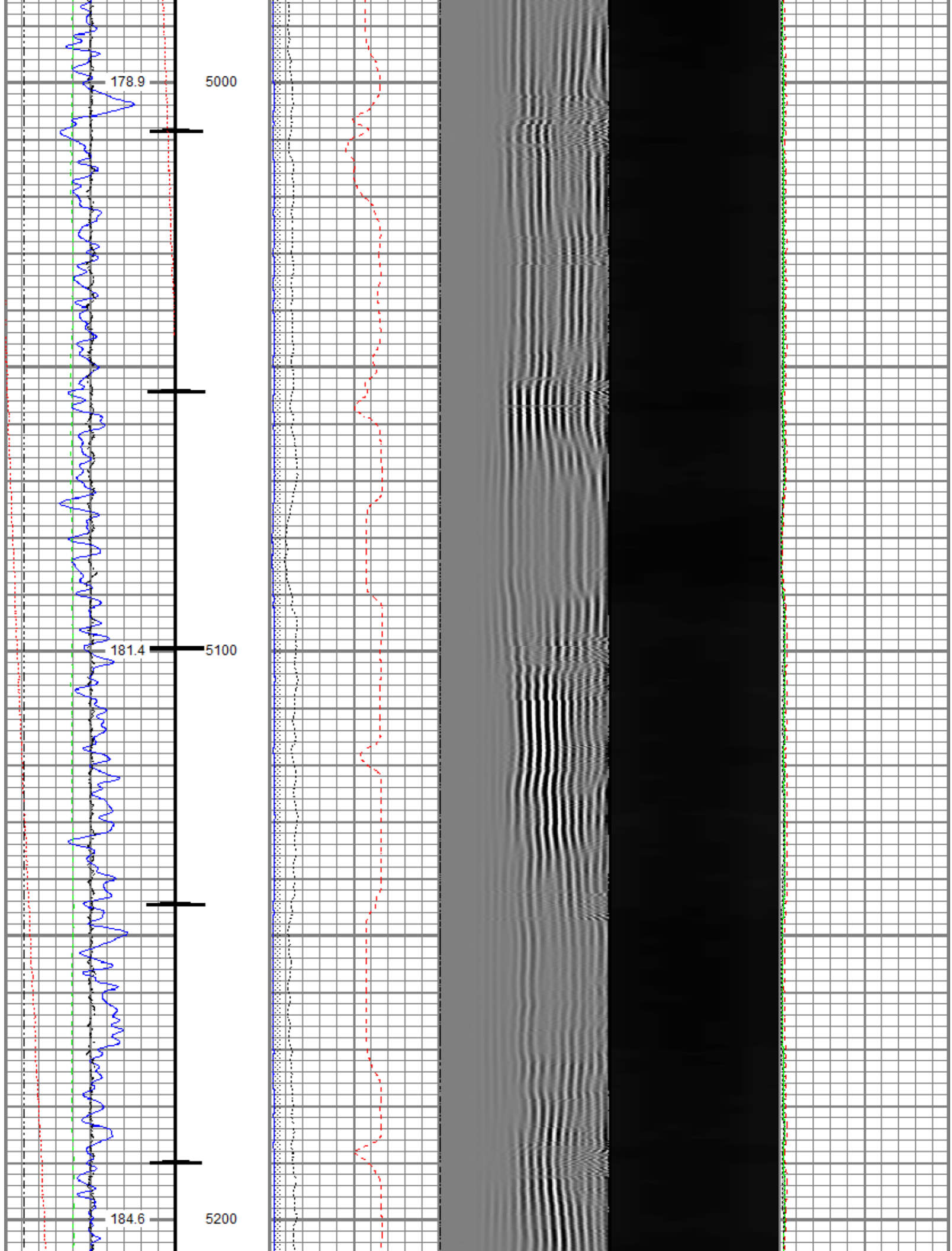


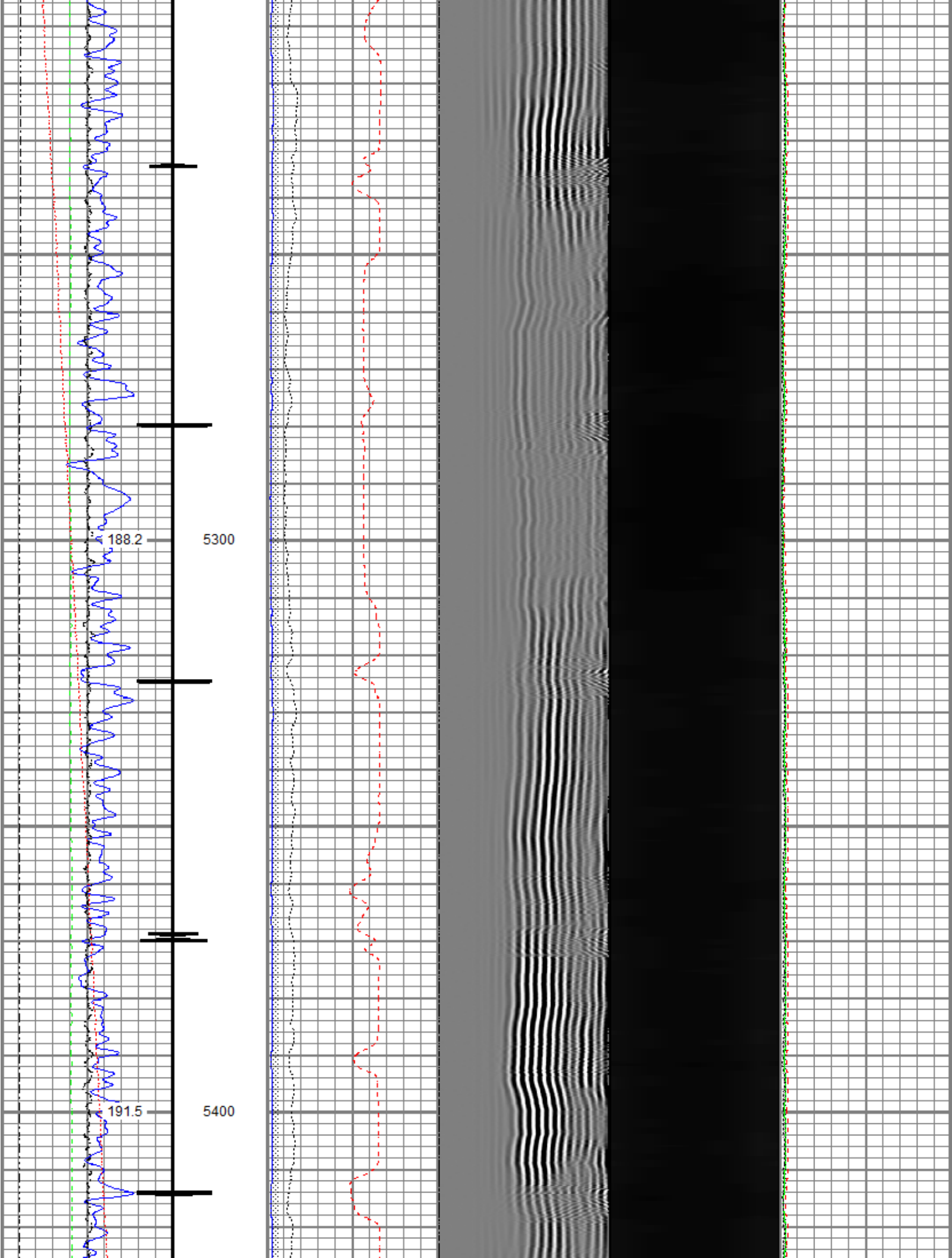


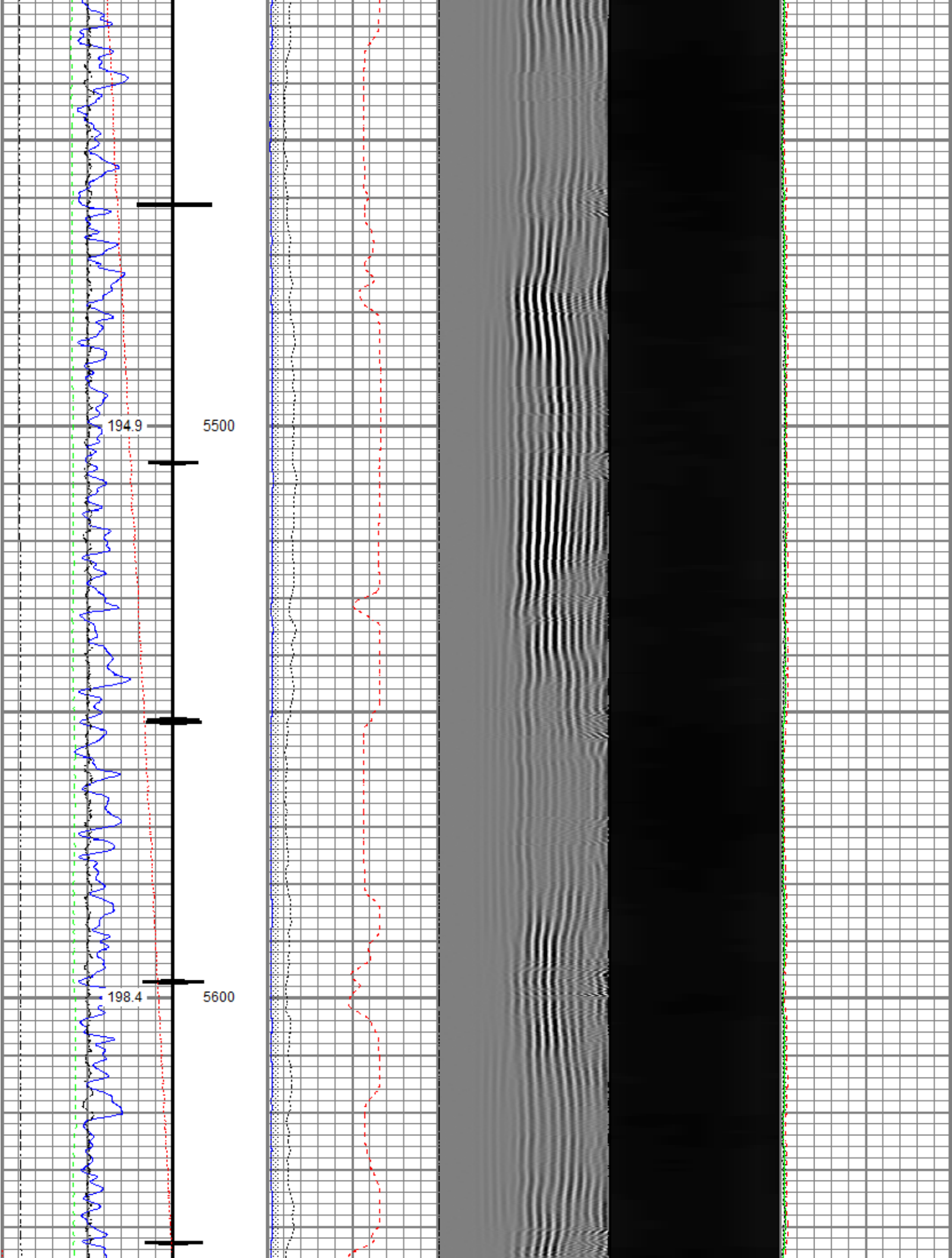


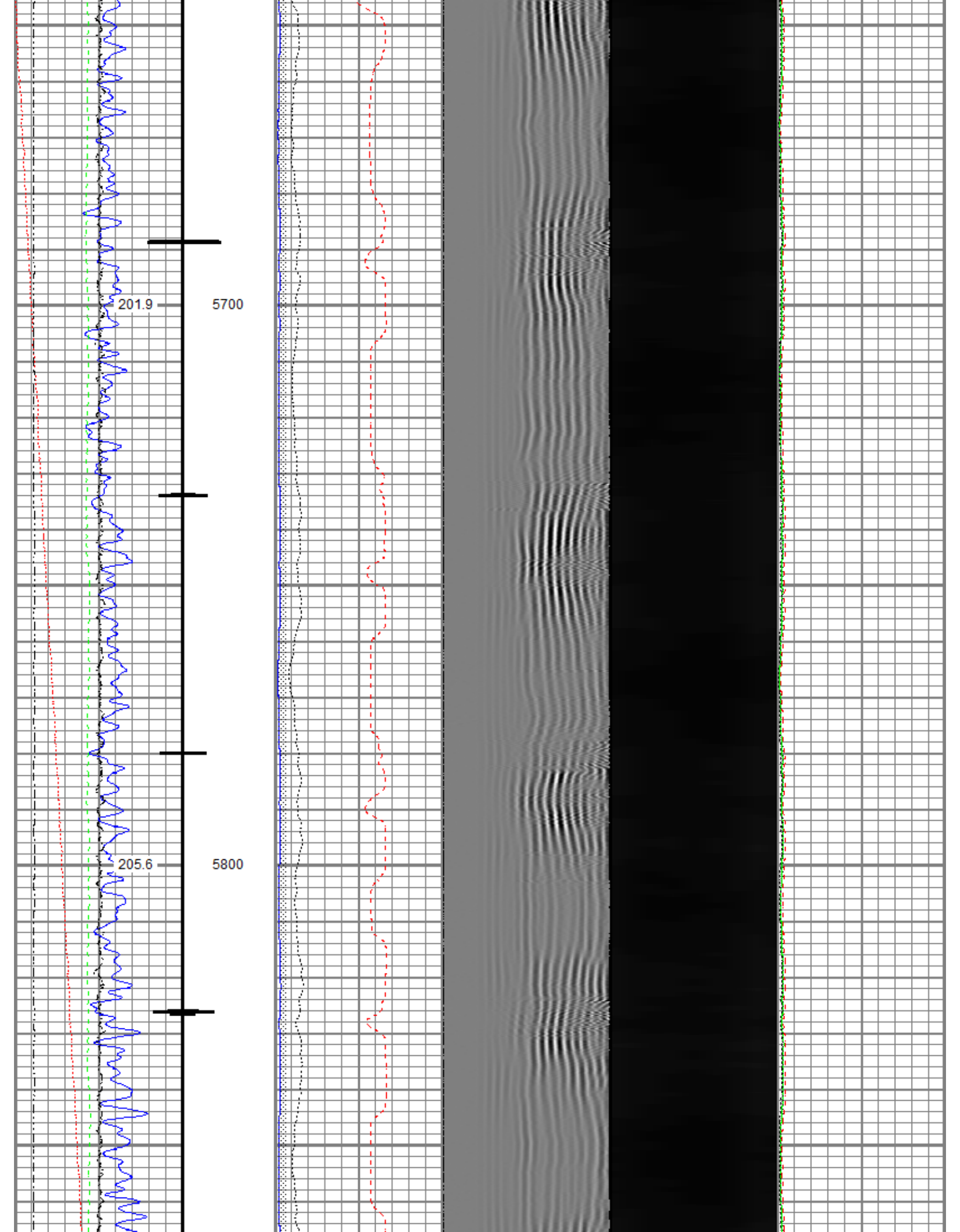


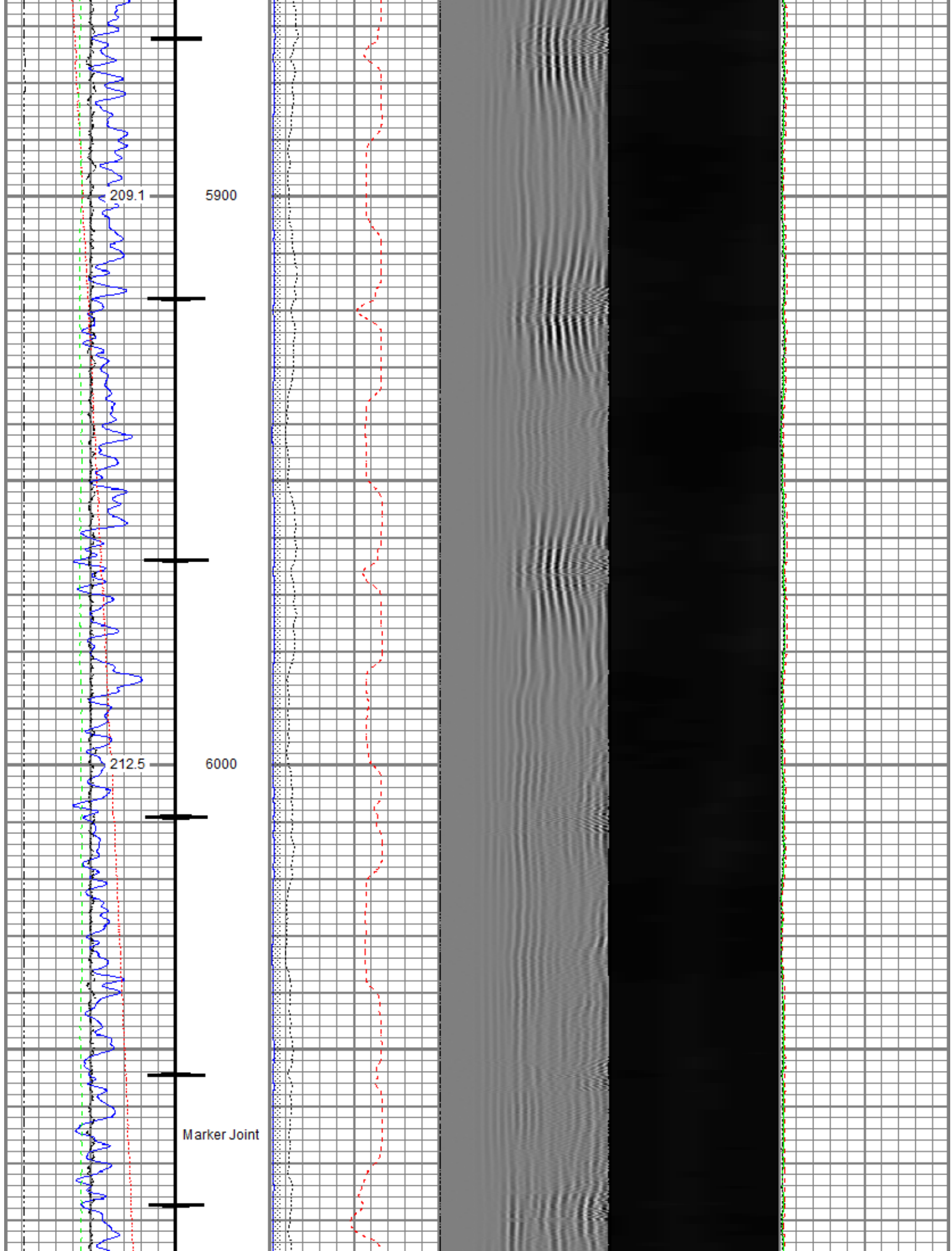


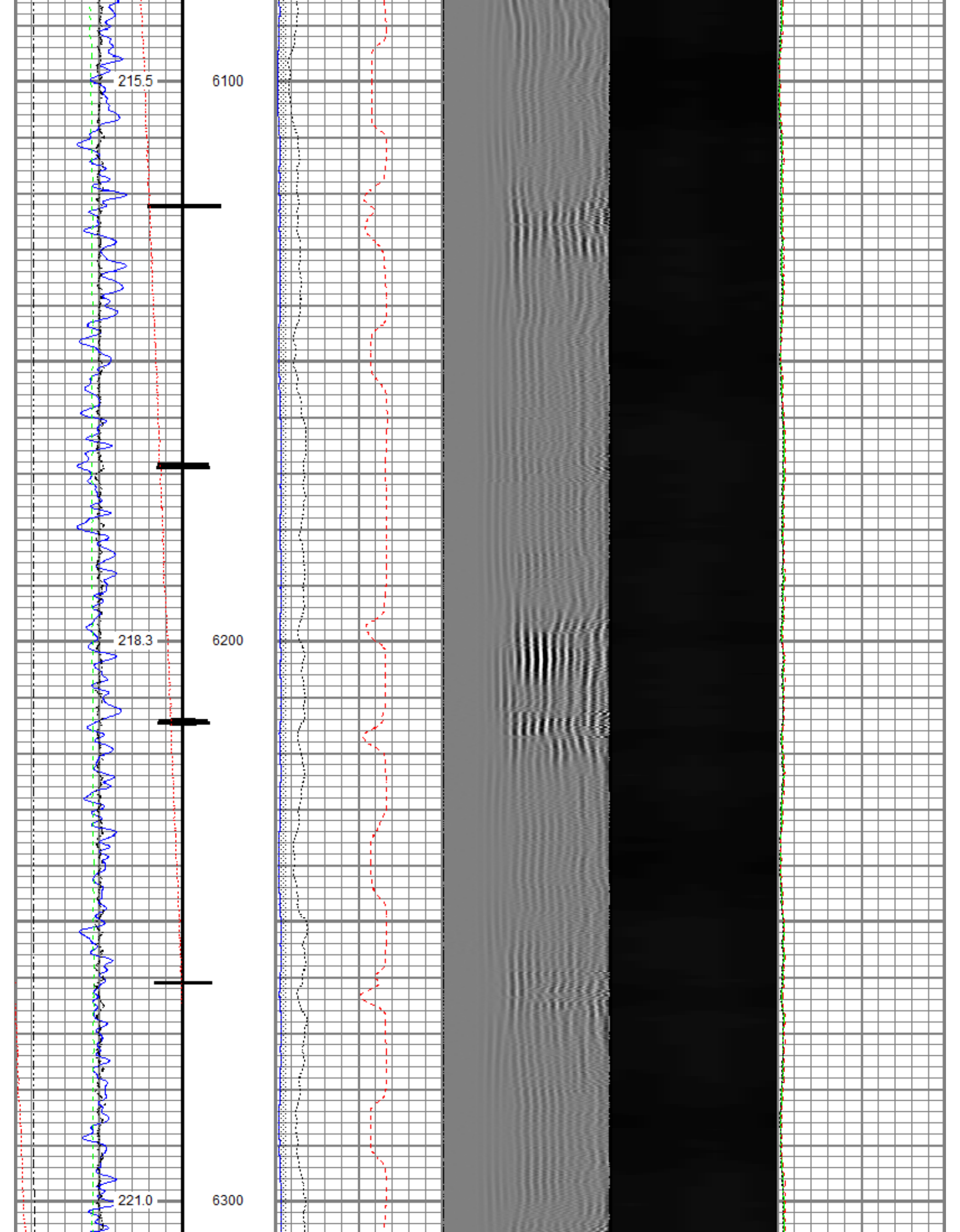


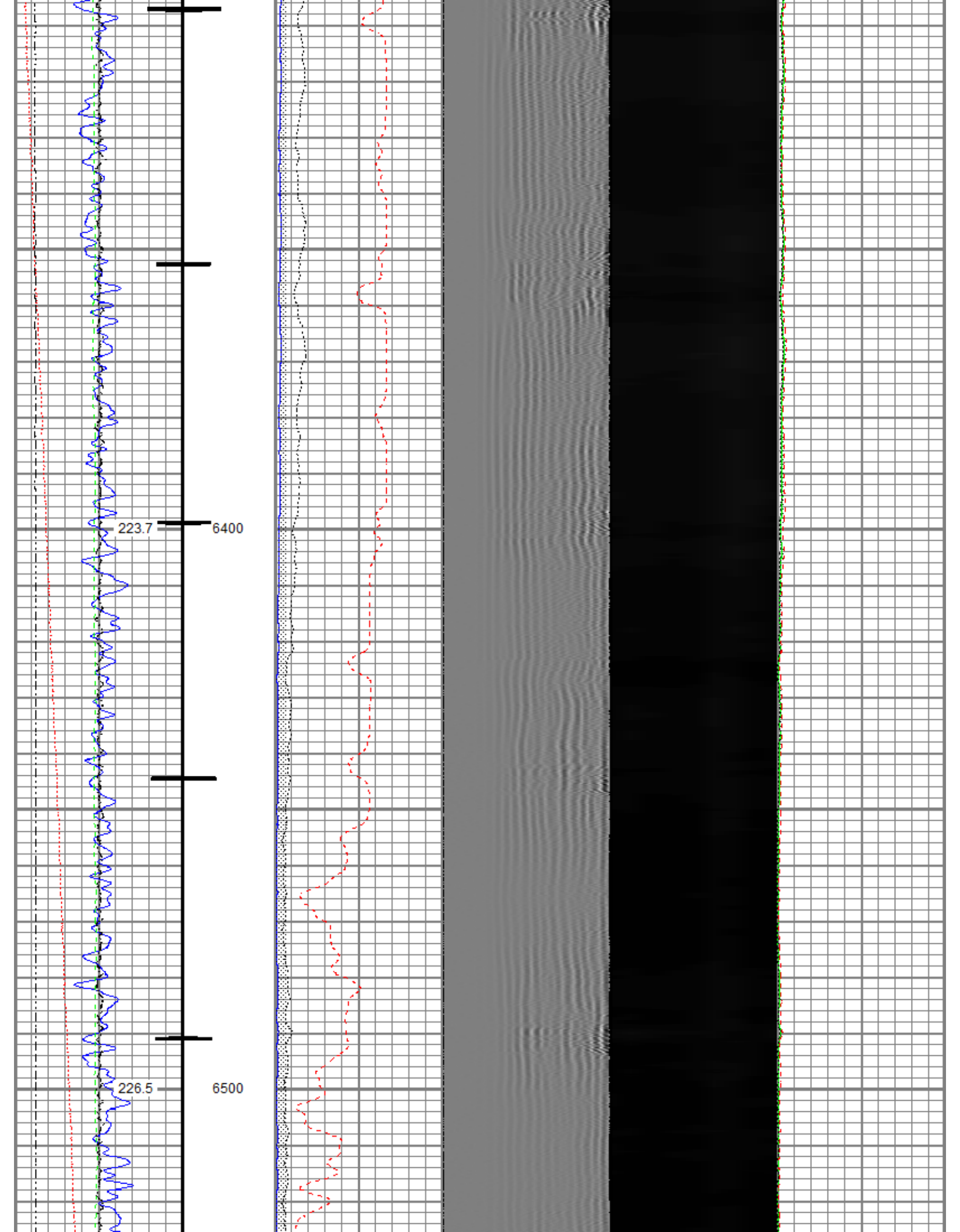


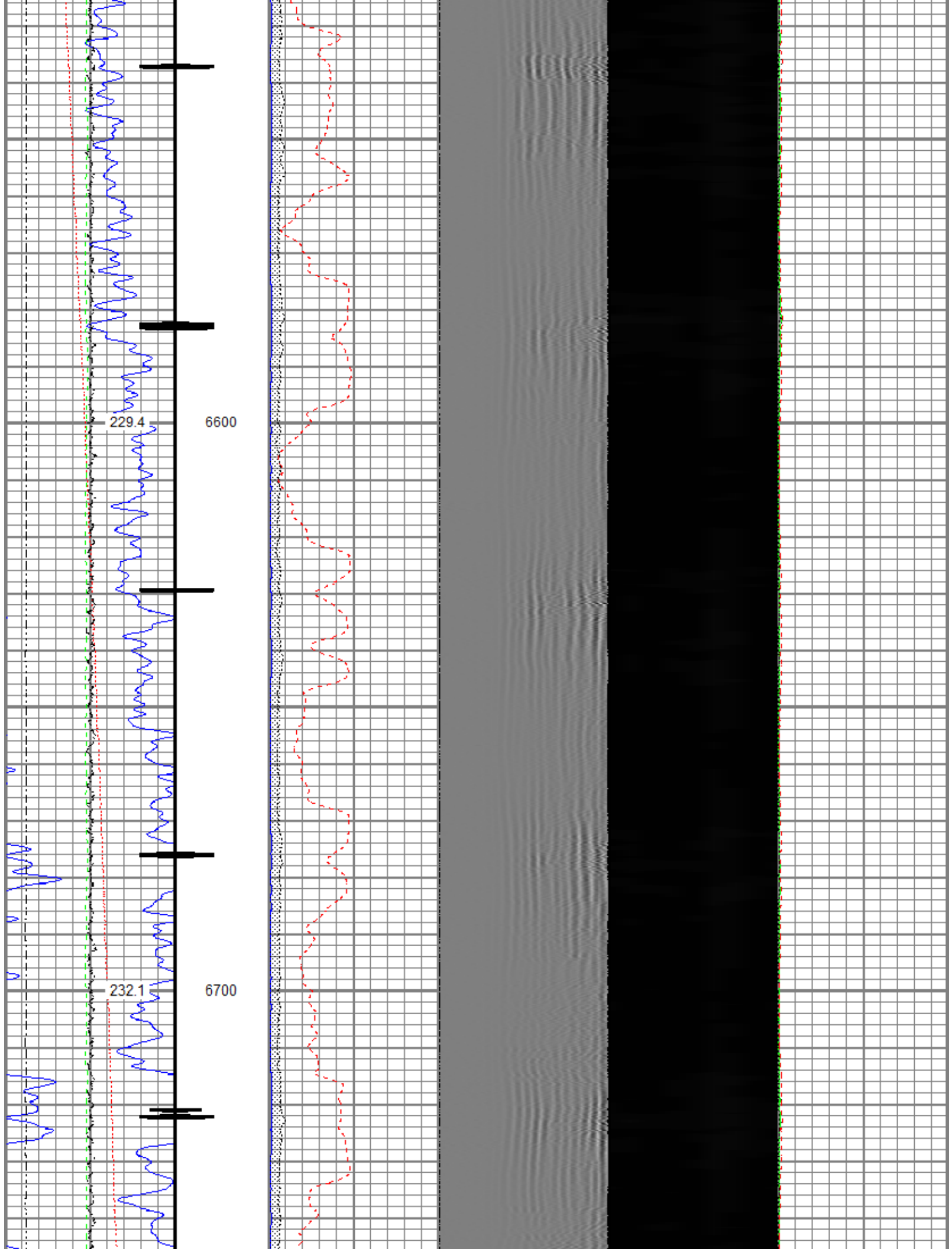


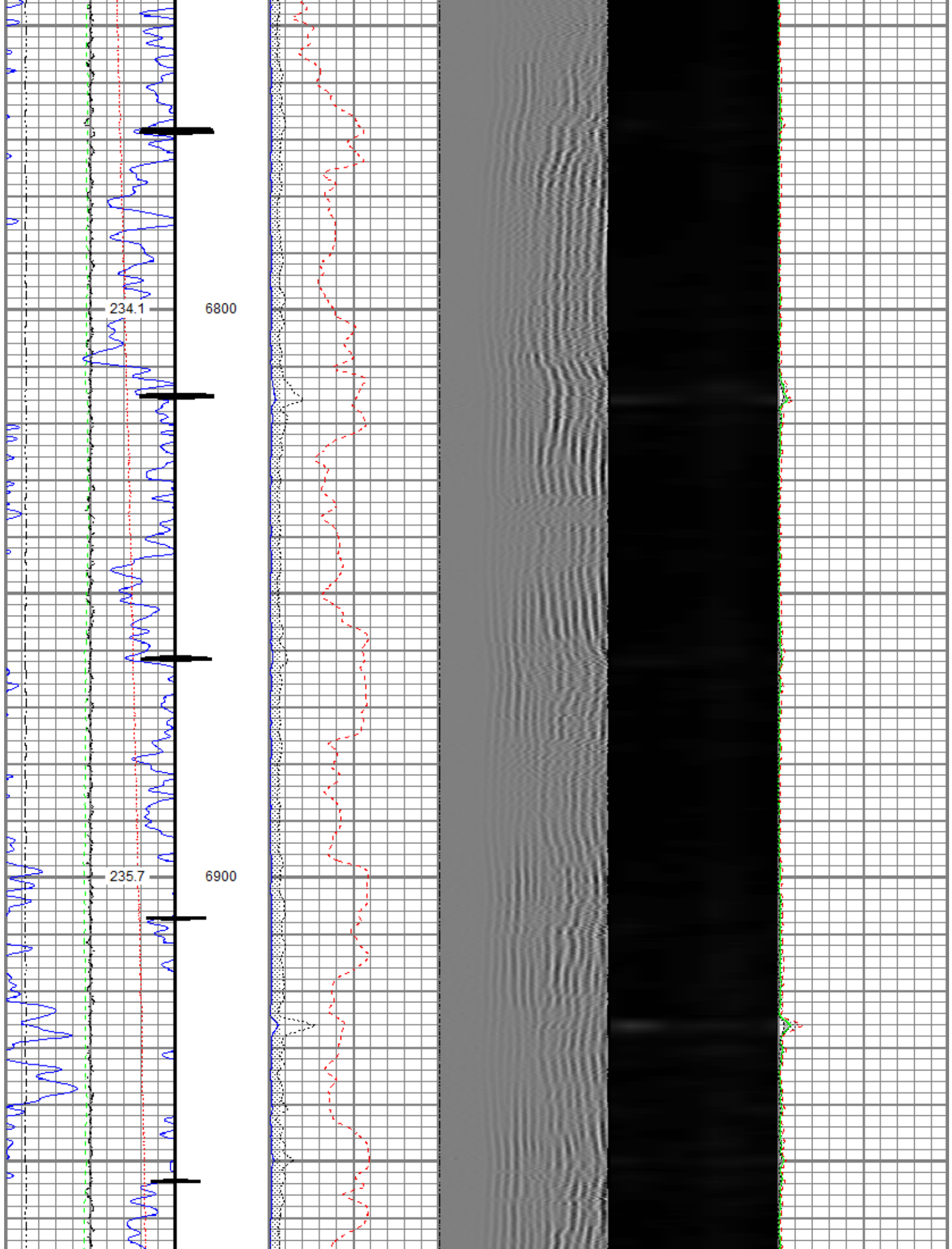


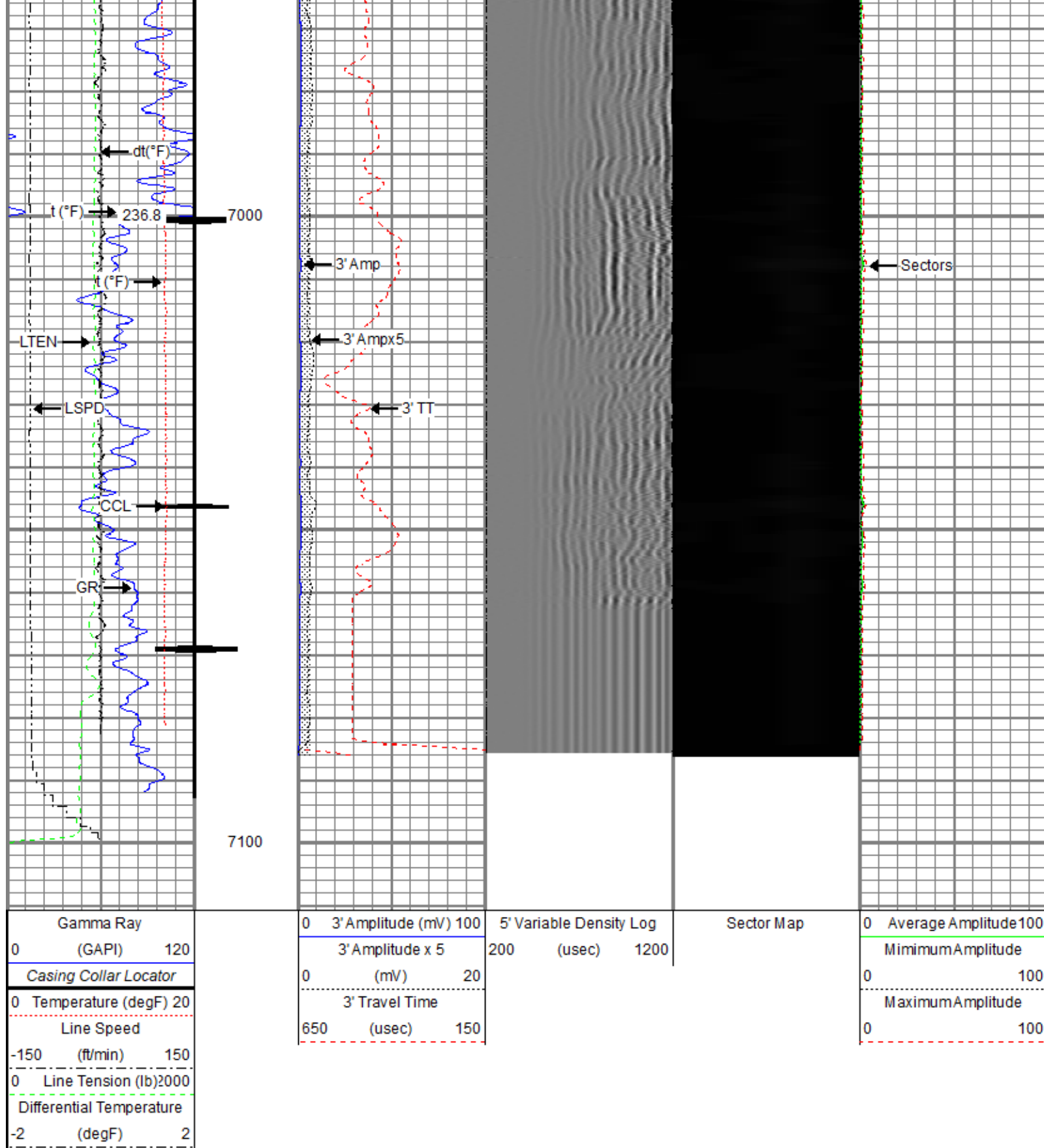










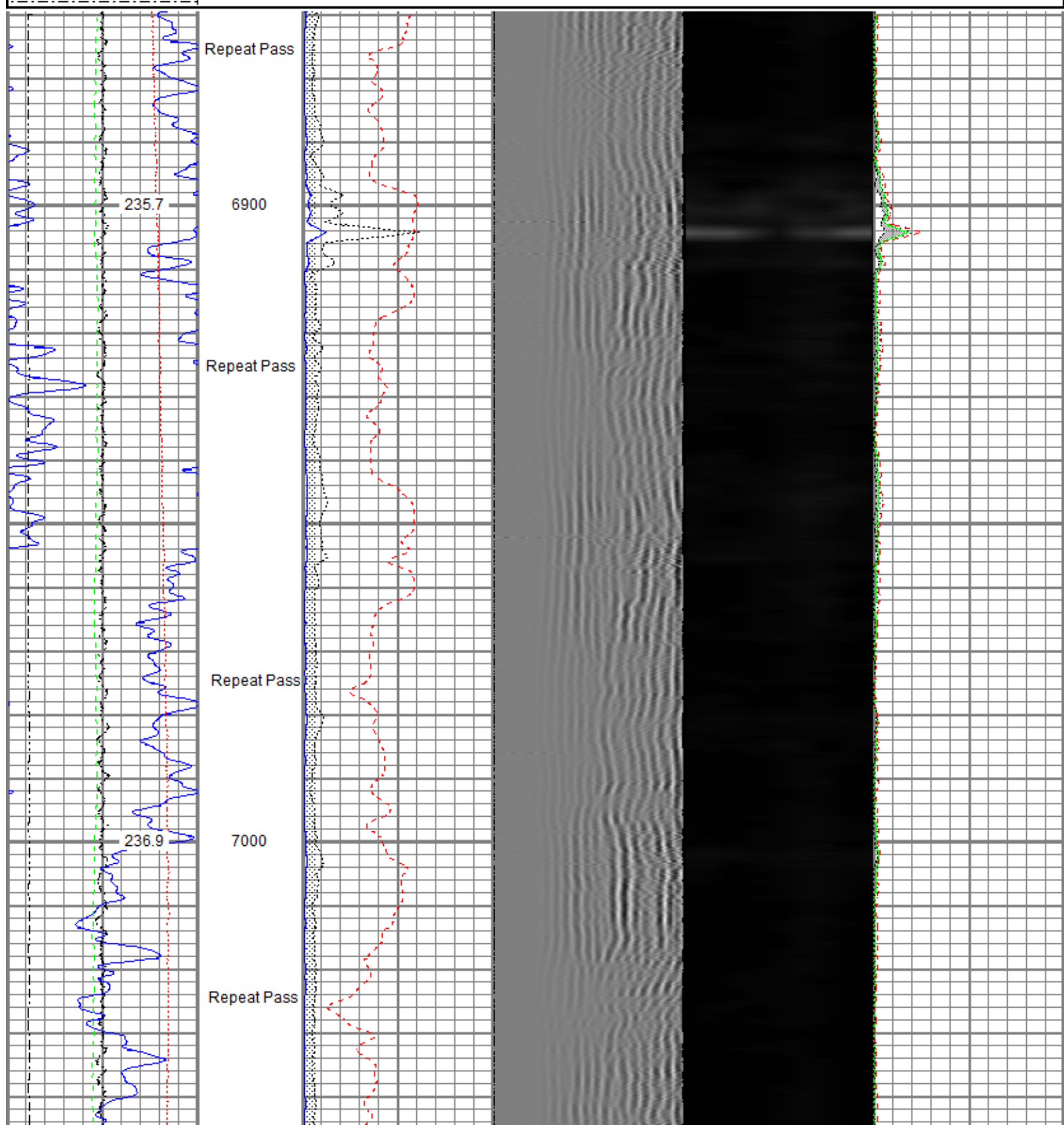


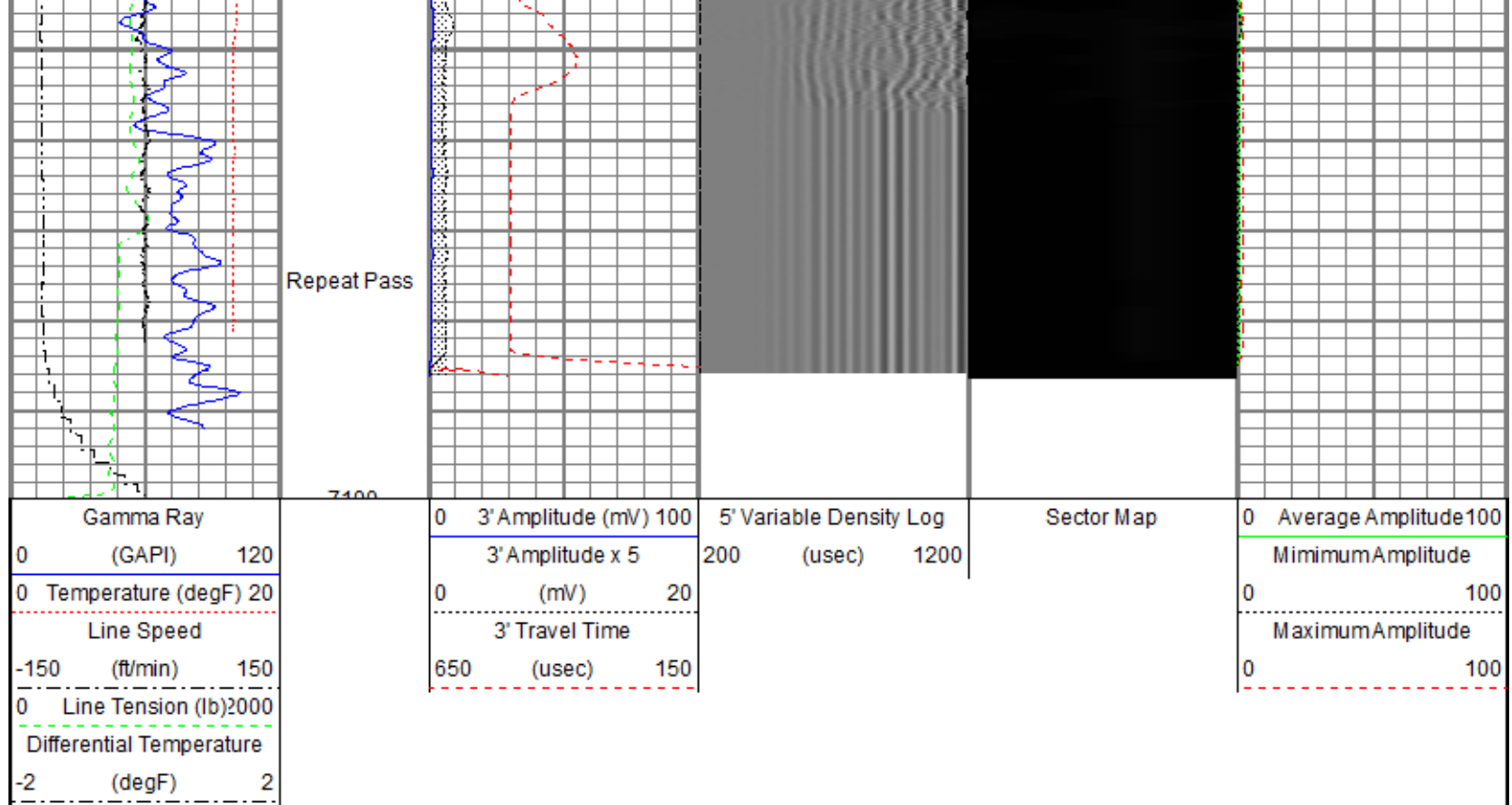
Repeat Pass

Recorded With 2000 PSI Surface Induced Pressure


Database File noble\noble_reveille a34-757_rbl_03-20-21\noble_reveille a34-757_rbl_03-20-21.db
 Dataset Pathname repeat/pass1
 Presentation Format ros_radil_noble

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)
ErrCt	23.86		Titan CHD-16875 GO Titan 1-11/16" Assembled Electric Cable Head with 1" Fishing Neck	1.03	1.69	5.40
			Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
RBT_HV	19.95					
TEMP	17.04					
			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_ACCZ	14.81					
RBT_ACCY	14.81					
RBT_ACCX	14.81					
WVFSYNC	14.81					
WVFS8	14.81					
WVFS7	14.81					
WVFS6	14.81					
WVFS5	14.81					
WVFS4	14.81					
WVFS3	14.81					
WVFS2	14.81					
WVFS1	14.81					

WVFCAL	14.81		Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
WVF3FT	14.81					
WVF5FT	13.81					
CCL\$2	6.80					
CCL\$1	6.80					
GR	5.46		Probe GR-CCL-2750 6PB (FW1810-044) Probe 2-3/4" rev.1 Digital Scintillation Gamma Ray/CCL Combined with 6 Pin Bottom for CNT	4.80	2.75	55.00
LOCTIM	0.00					
UTCTIM	0.00		Probe CENT-2750 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.88	2.75	20.00
Dataset: Noble_Reveille A34-757_RBL_03-20-21.db: field/well/main/pass1 Total length: 23.86 ft Total weight: 225.40 lb O.D.: 2.75 in						

Calibration Report	
Database File	C:\ProgramData\Warrior\Data\Noble\Noble_Reveille A34-757_RBL_03-20-21\Noble_Reveille A34-757_RBL_03-20-21.db
Dataset Pathname	main/pass1
Dataset Creation	Sat Mar 20 11:11:56 2021

Gamma Ray Calibration Report		
Serial Number:	FW1810-044	
Tool Model:	2750 6PB	
Performed:	Mon Oct 19 14:19:51 2020	
Calibrator Value:	637.0	GAPI
Background Reading:	105.3	cps
Calibrator Reading:	1221.0	cps
Sensitivity:	0.5709	GAPI/cps

Segmented Cement Bond Log Calibration Report		
Serial Number:	FW1302-002	
Tool Model:	2750 RBTa	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	18.479	ft

Master Calibration, performed Sat Mar 20 10:38:55 2021:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.008	0.579	0.800	71.921	124.578	-0.170
CAL	0.615	0.608				
5'	0.008	0.578	0.800	71.921	124.629	-0.168
SUM						
S1	0.006	0.549	0.000	100.000	183.904	-1.015
S2	0.008	0.583	0.000	100.000	173.899	-1.369

S3	0.008	0.638	0.000	100.000	158.766	-1.223
S4	0.008	0.662	0.000	100.000	152.870	-1.164
S5	0.008	0.654	0.000	100.000	154.787	-1.205
S6	0.008	0.606	0.000	100.000	167.215	-1.290
S7	0.008	0.561	0.000	100.000	180.839	-1.428
S8	0.008	0.541	0.000	100.000	187.437	-1.485

Air Zero Calibration, performed Sat Mar 20 10:38:33 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 Noble Energy Inc.
Well Reveille A34-757
Field Wattenberg
County Weld
State Colorado