

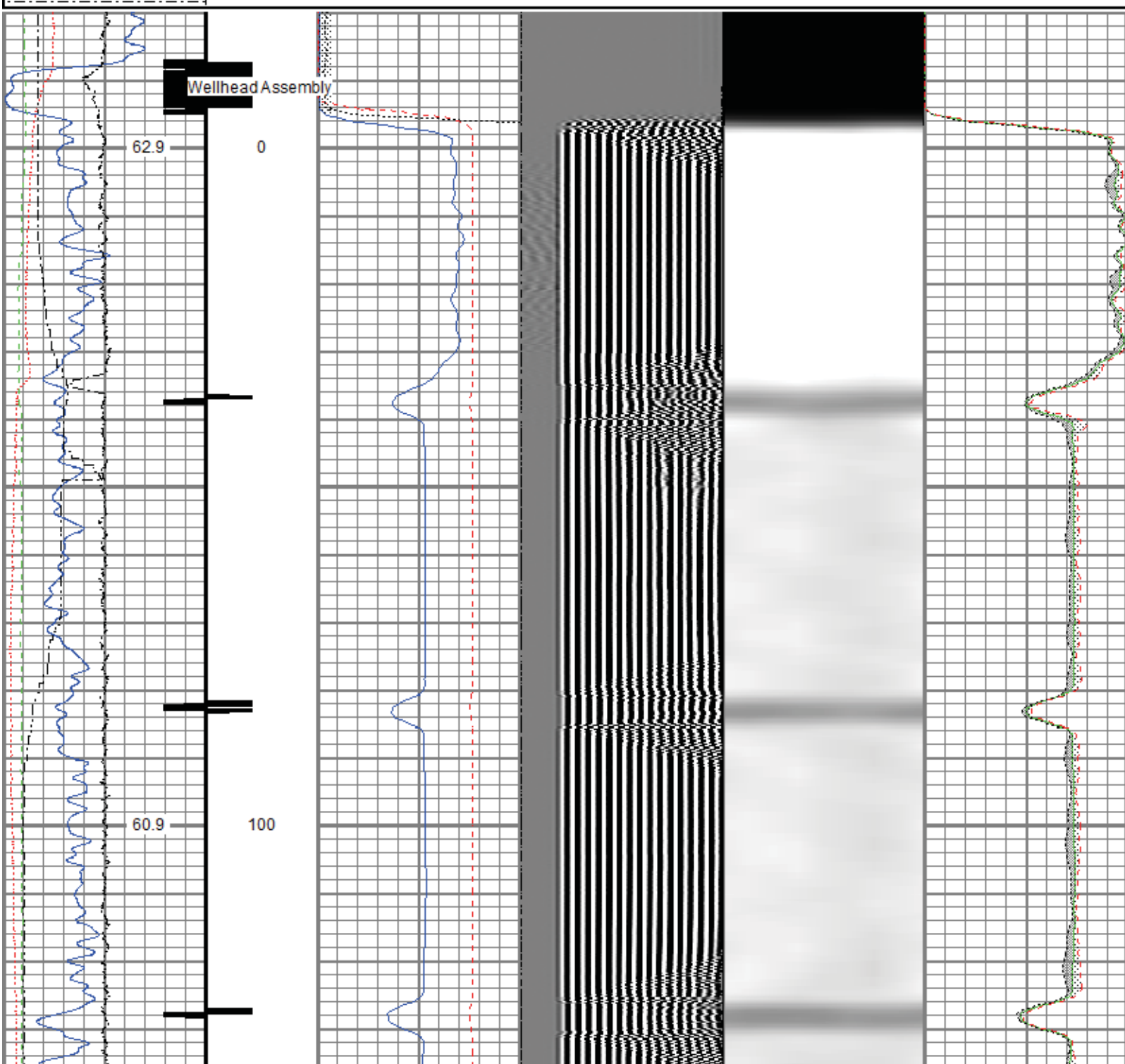
<<< Fold Here >>>

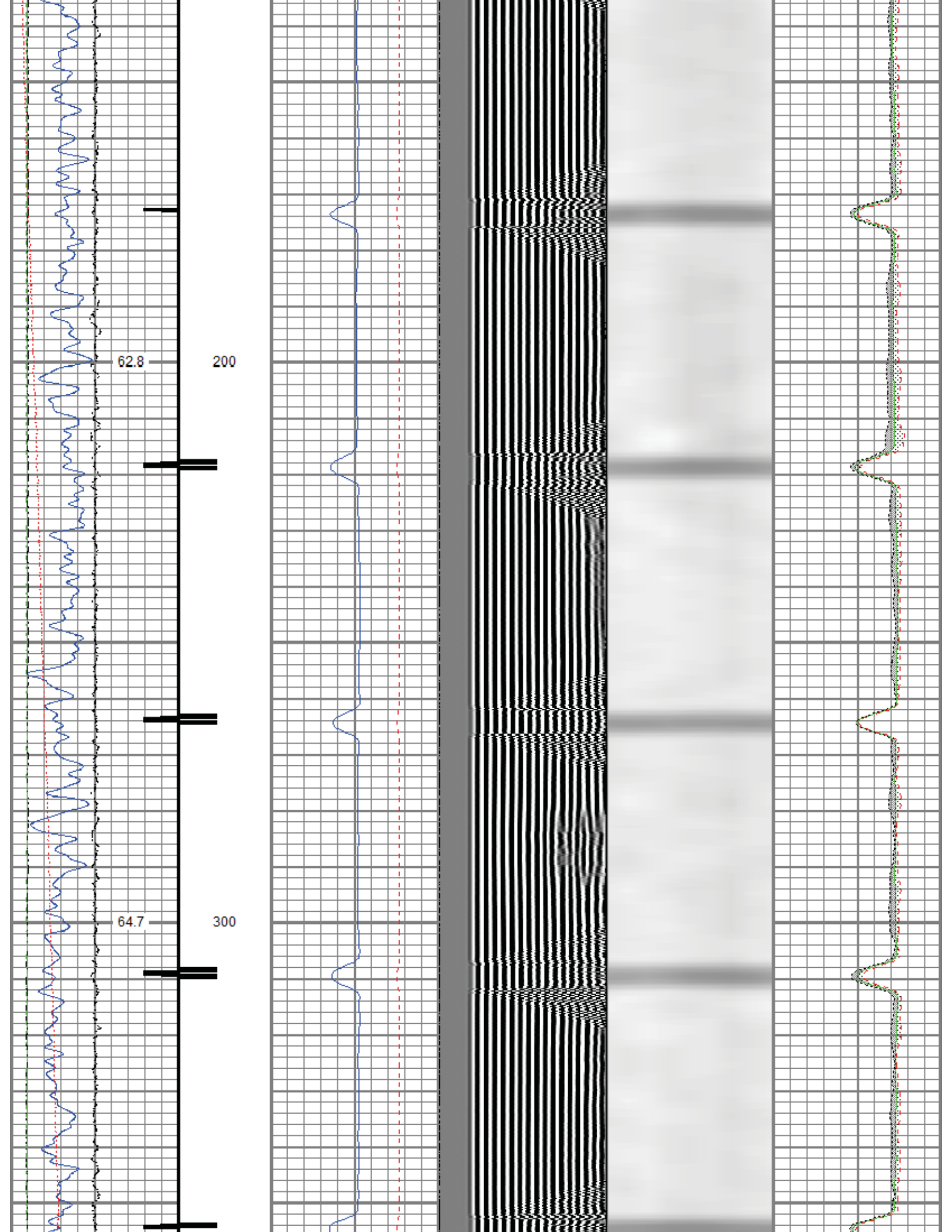
Comments

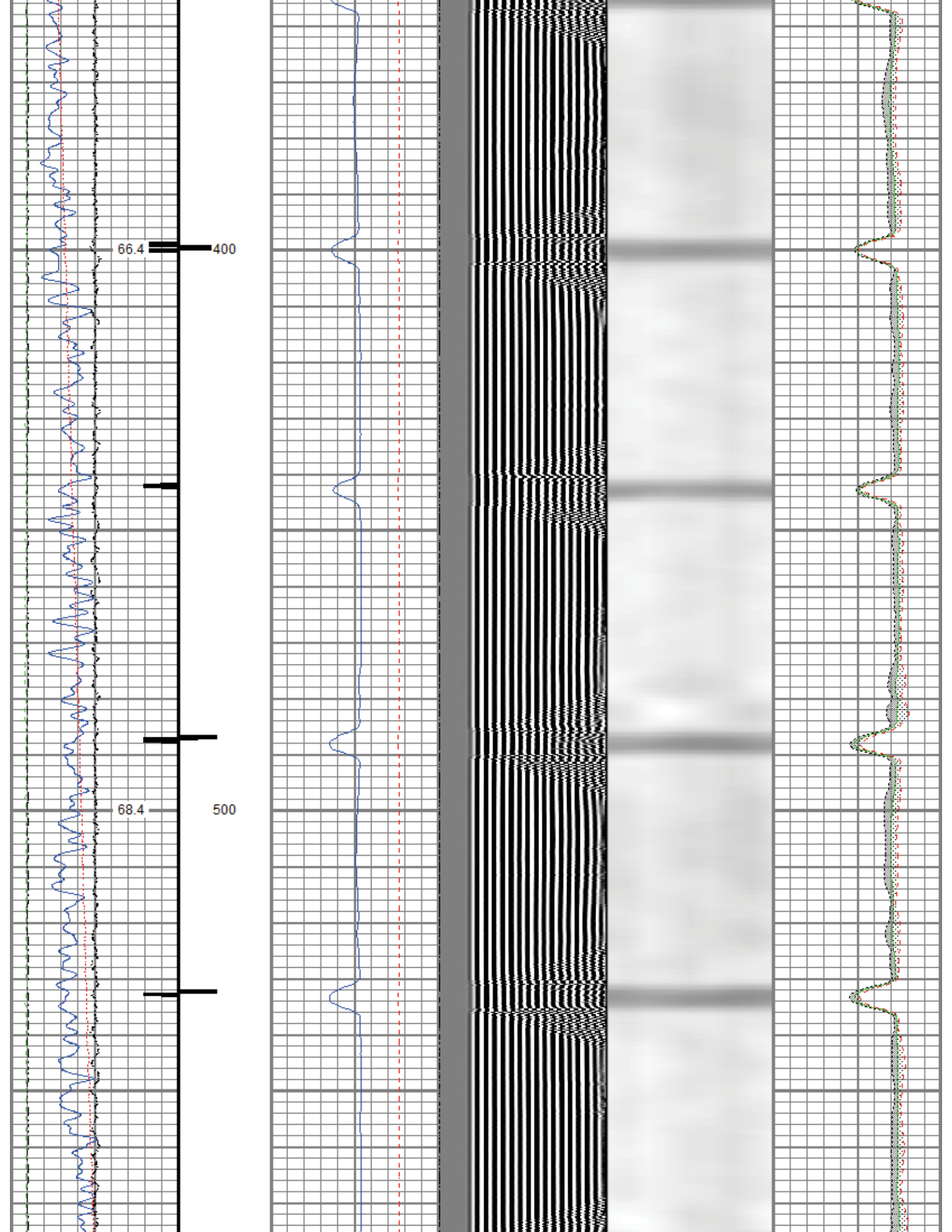
Recorded With 2500 PSI Surface-Induced Pressure

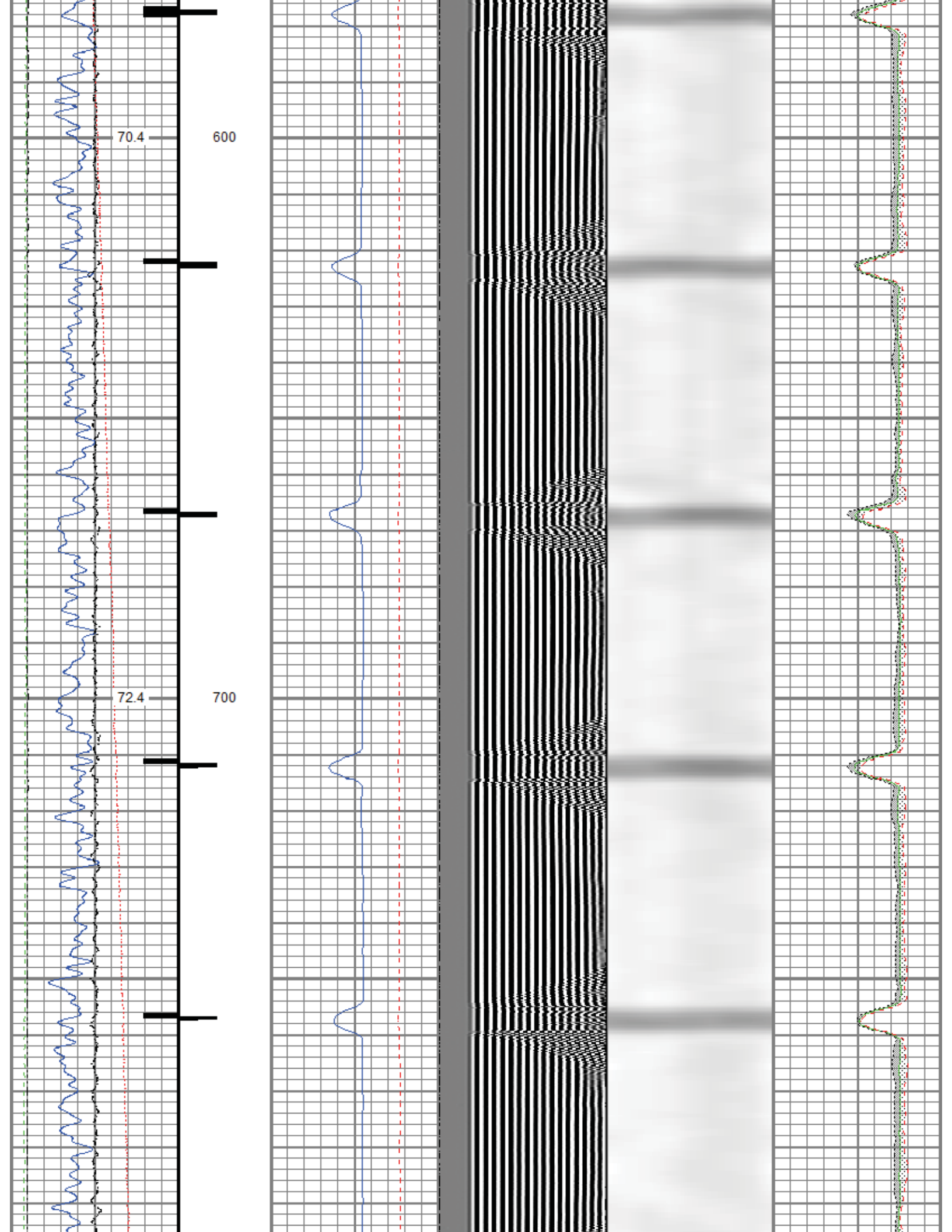
Database File noble_guttersen yy06-775_rbl_09-01-20\noble_guttersen yy06-775_rbl_09-01-20.db
 Dataset Pathname pass6.1
 Presentation Format ros_radii_noble
 Dataset Creation Wed Sep 02 11:54:39 2020
 Charted by Depth in Feet scaled 1:240

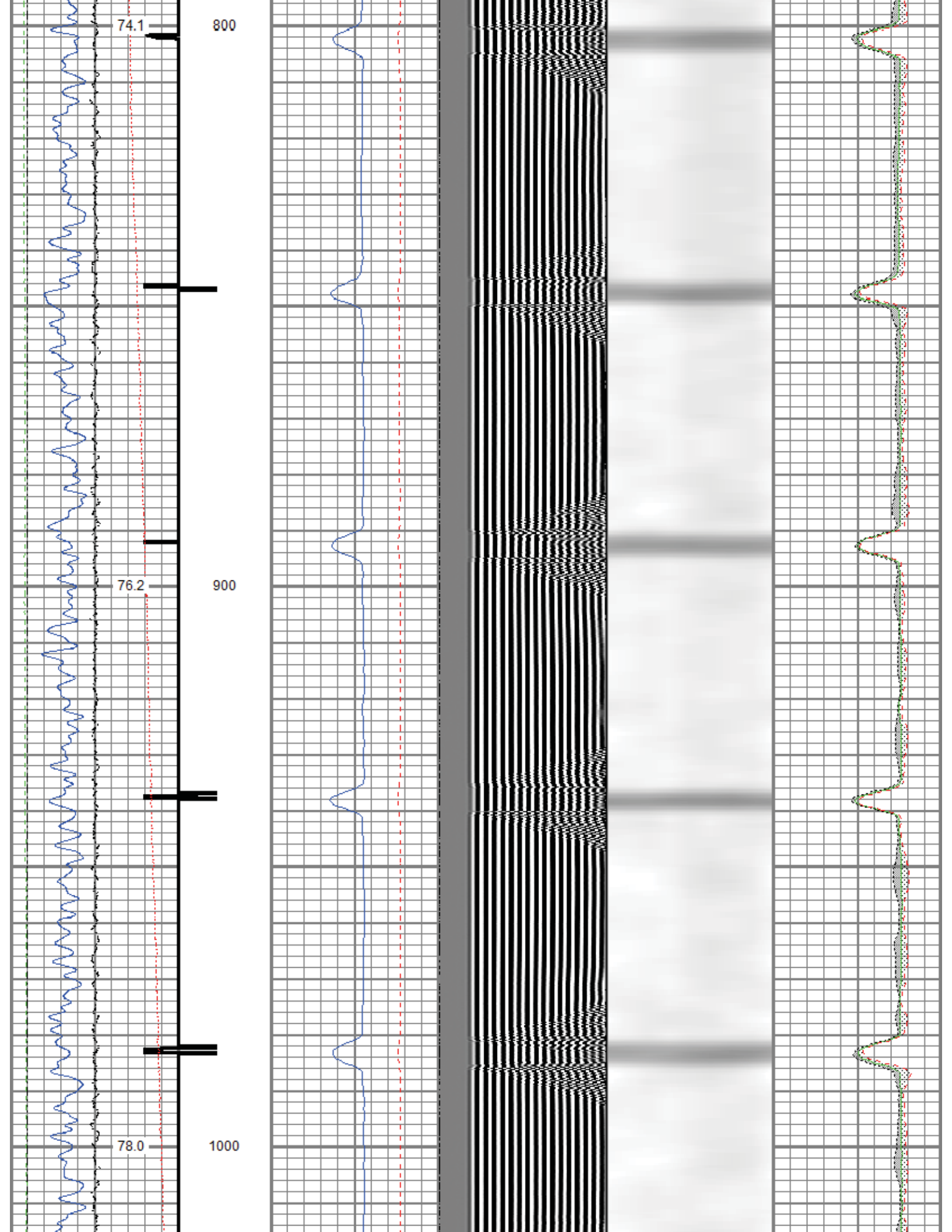
Gamma Ray	0	3' Amplitude (mV)	100	5' Variable Density Log	Sector Map	0	Average Amplitude	100
(GAPI)	120	3' Amplitude x 5	200	(usec)	1200		Minimum Amplitude	
Casing Collar Log		0	(mV)	20		0	100	
Temperature (degF)	20	3' Travel Time					Maximum Amplitude	
Line Speed		650	(usec)	150		0	100	
(ft/min)	150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

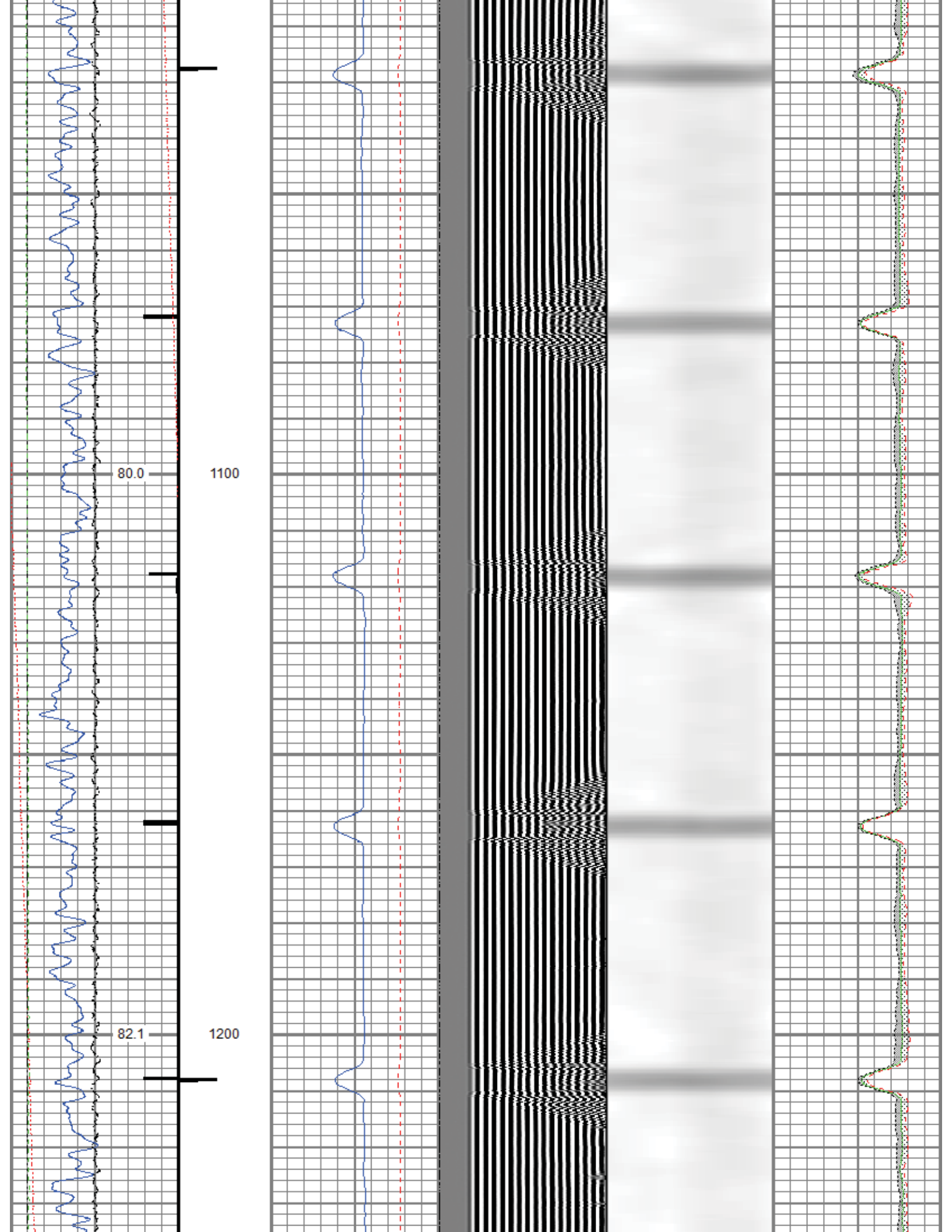


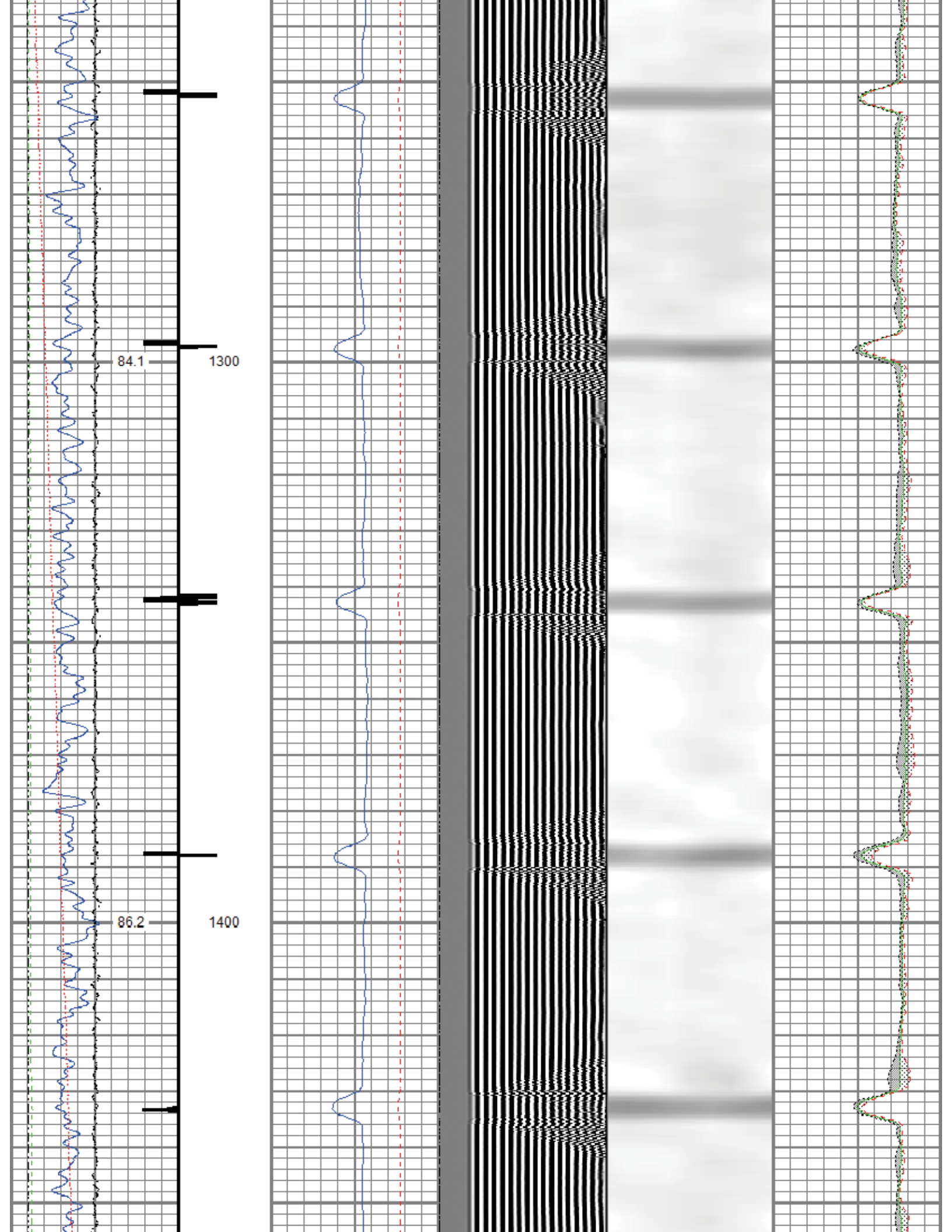


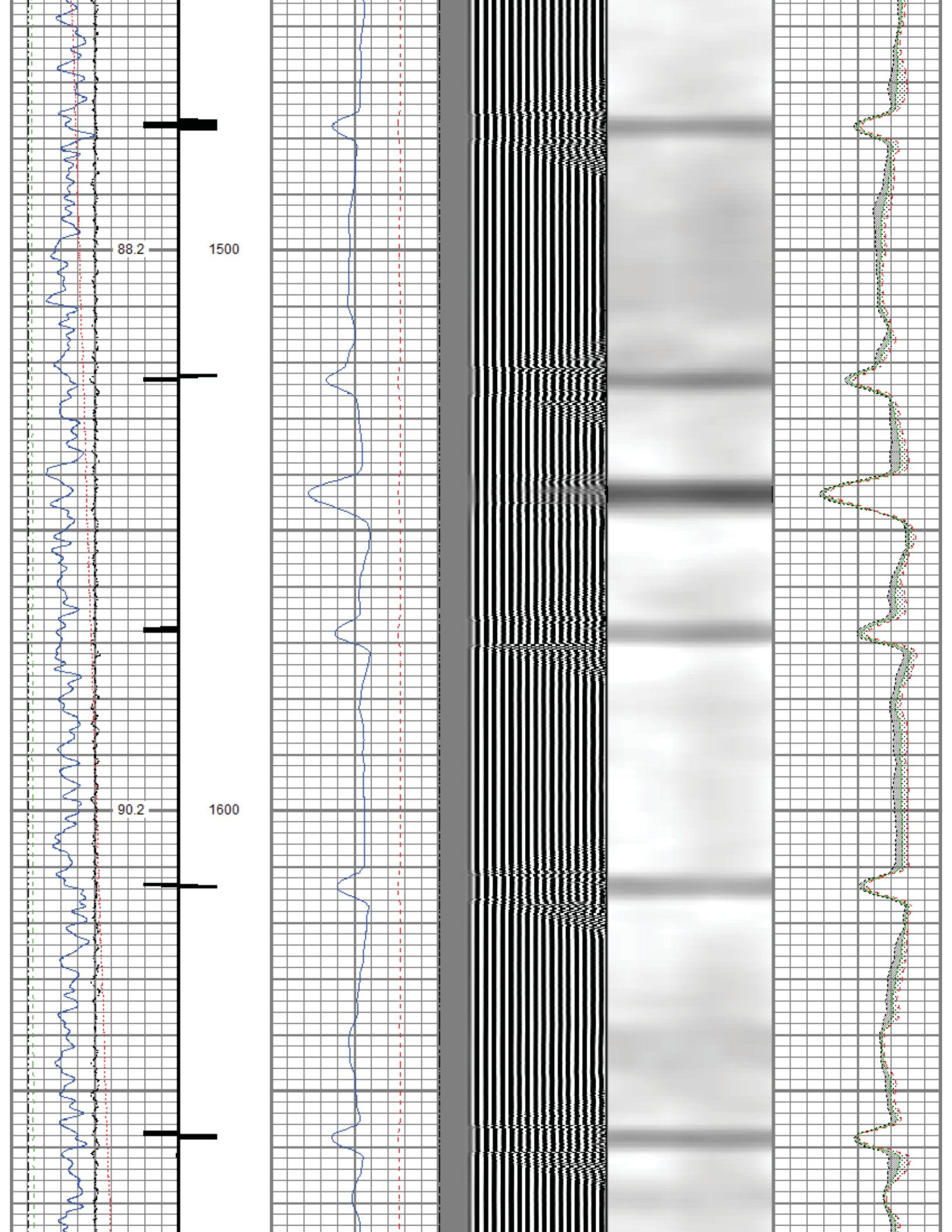


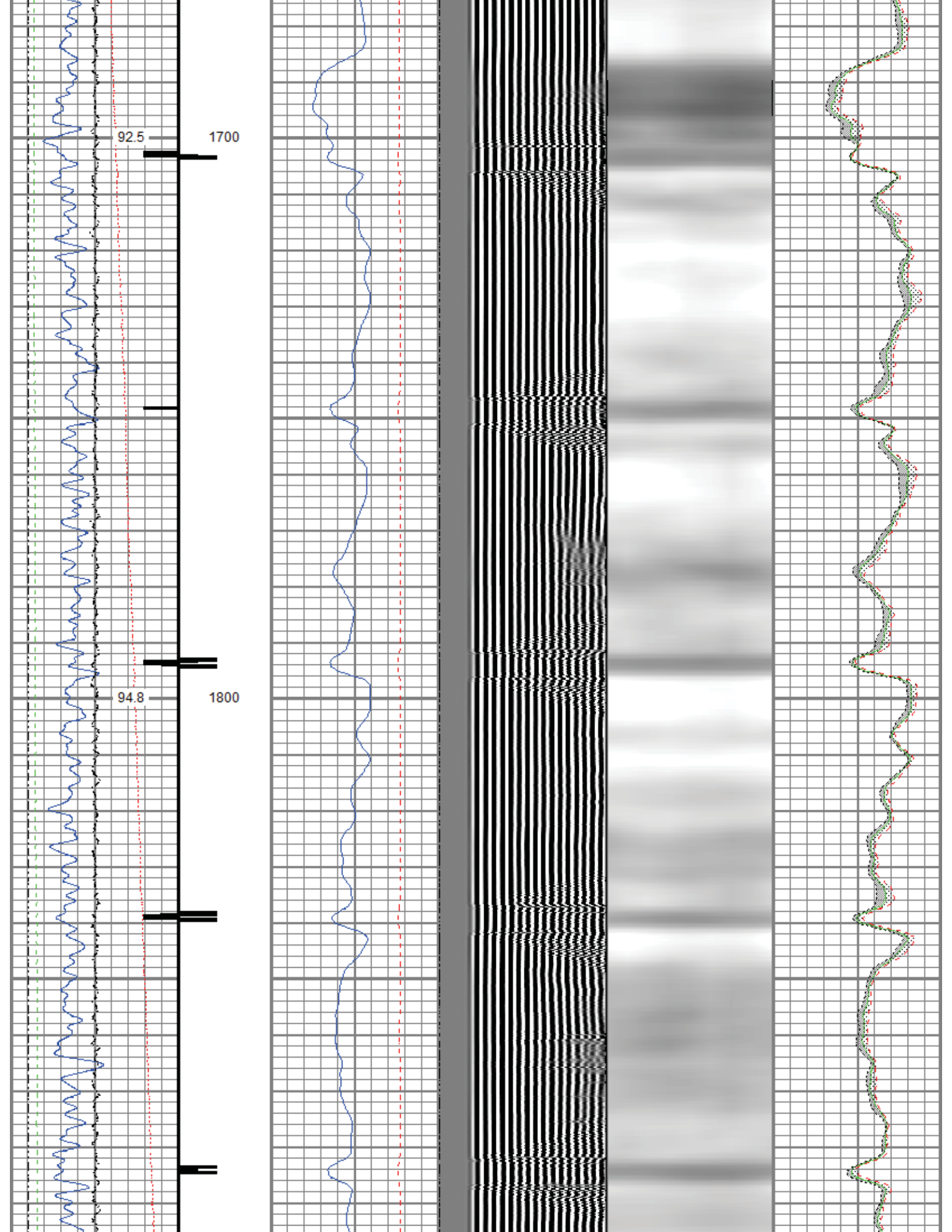


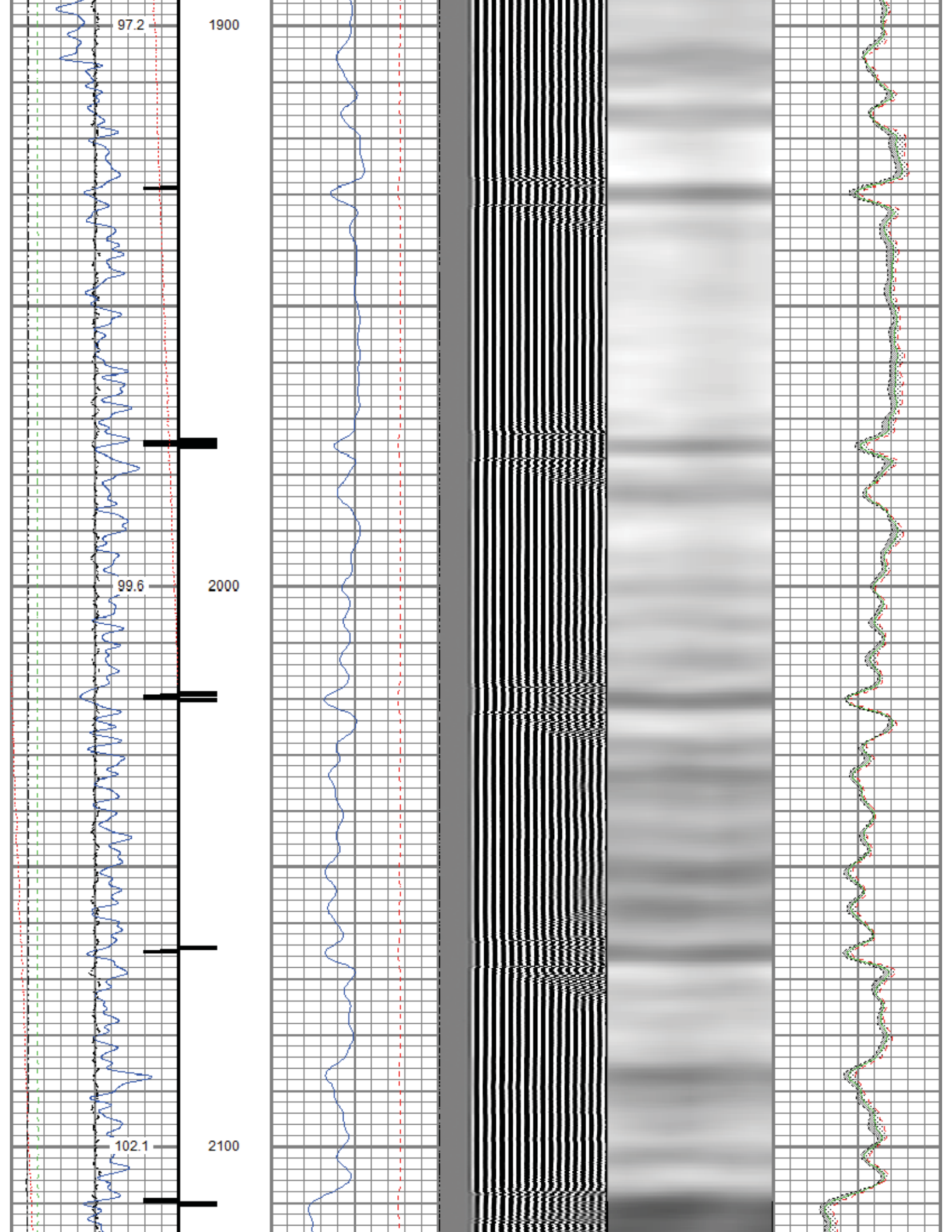


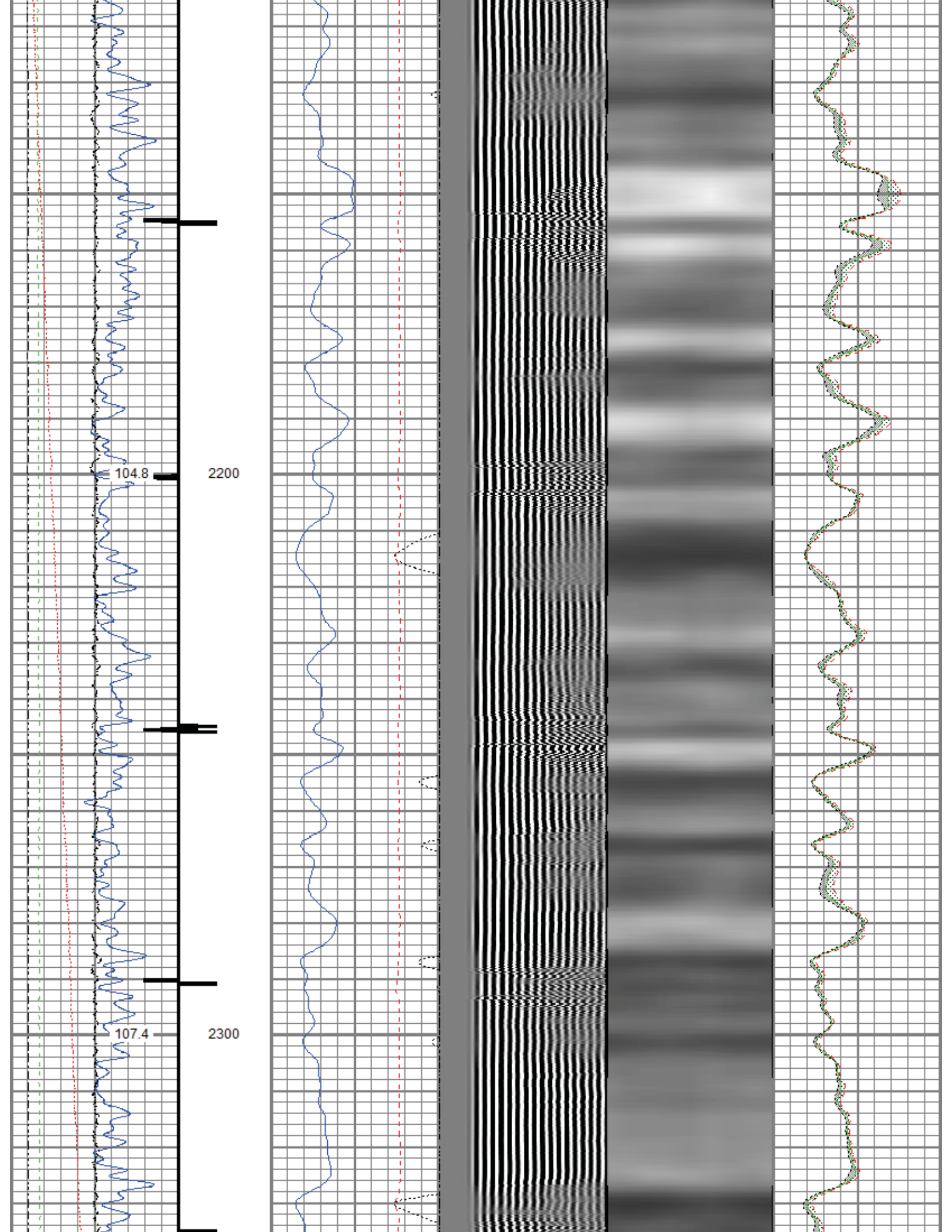


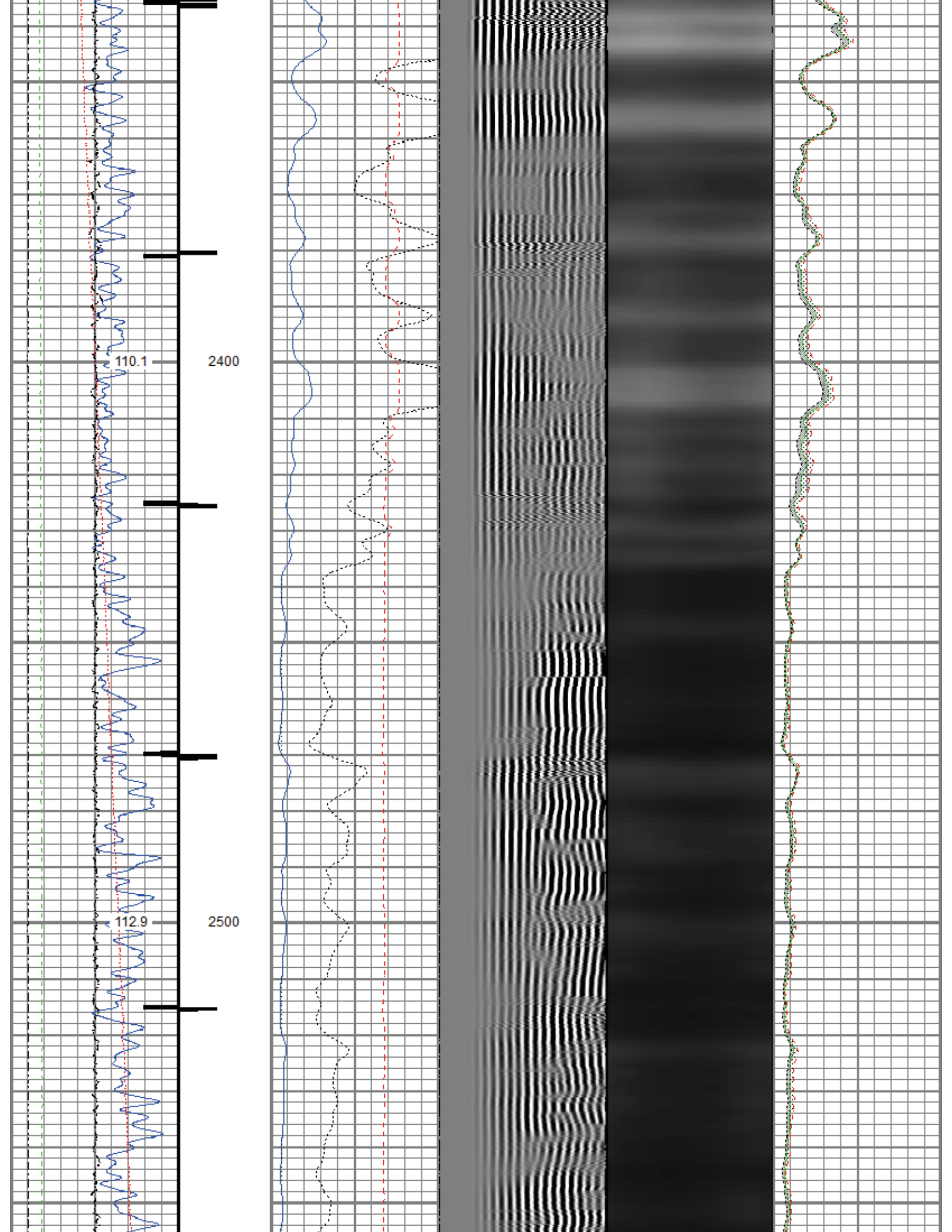


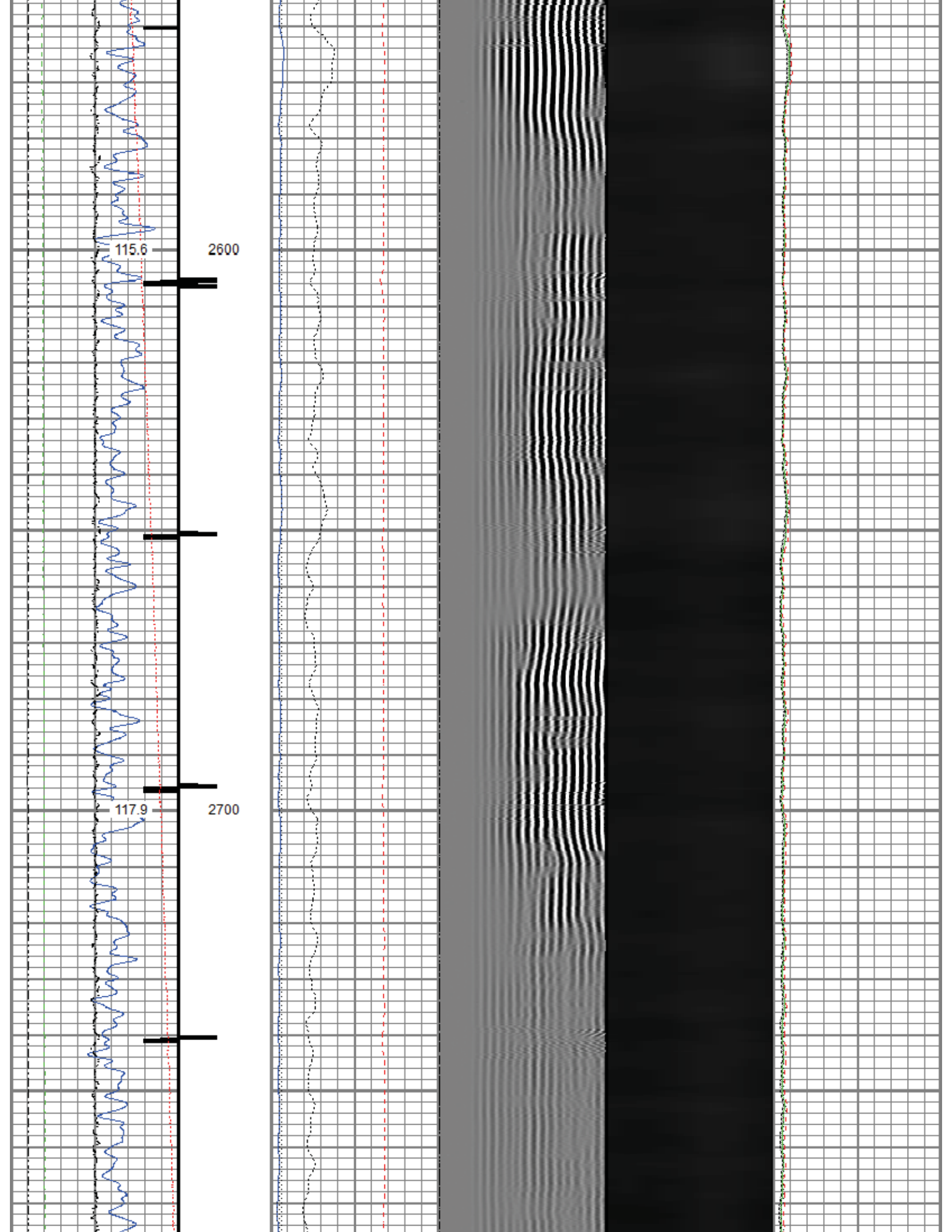


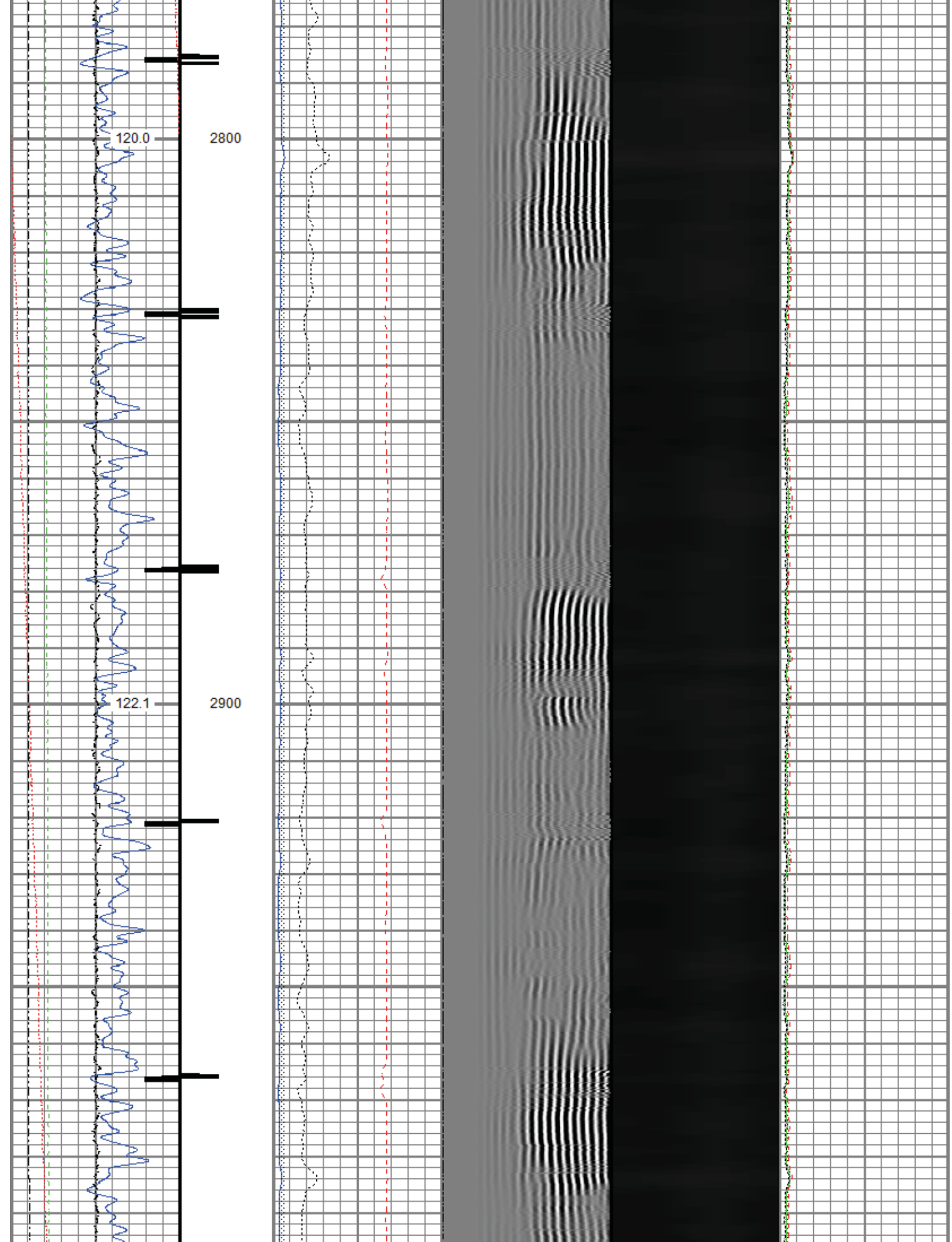


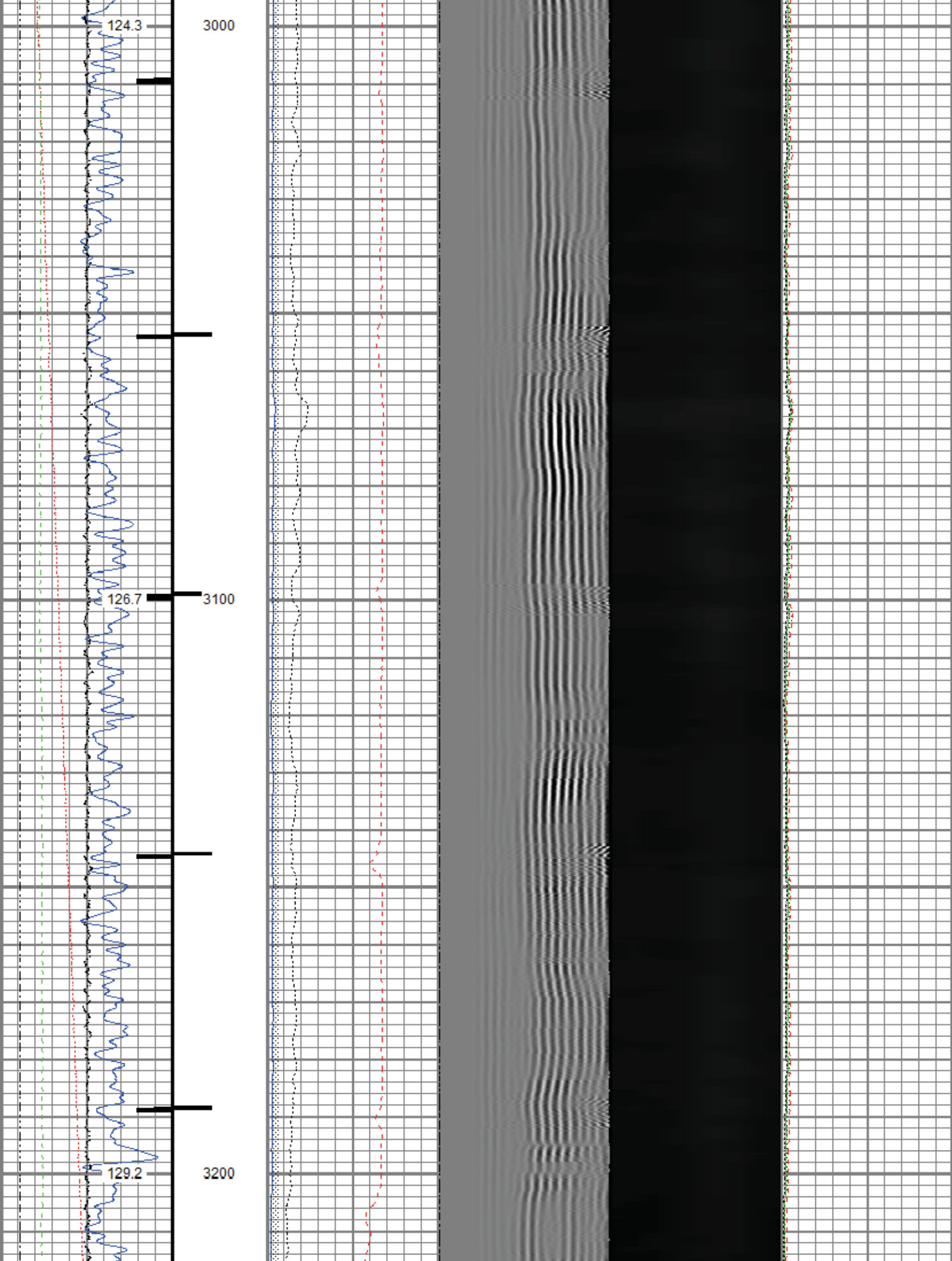


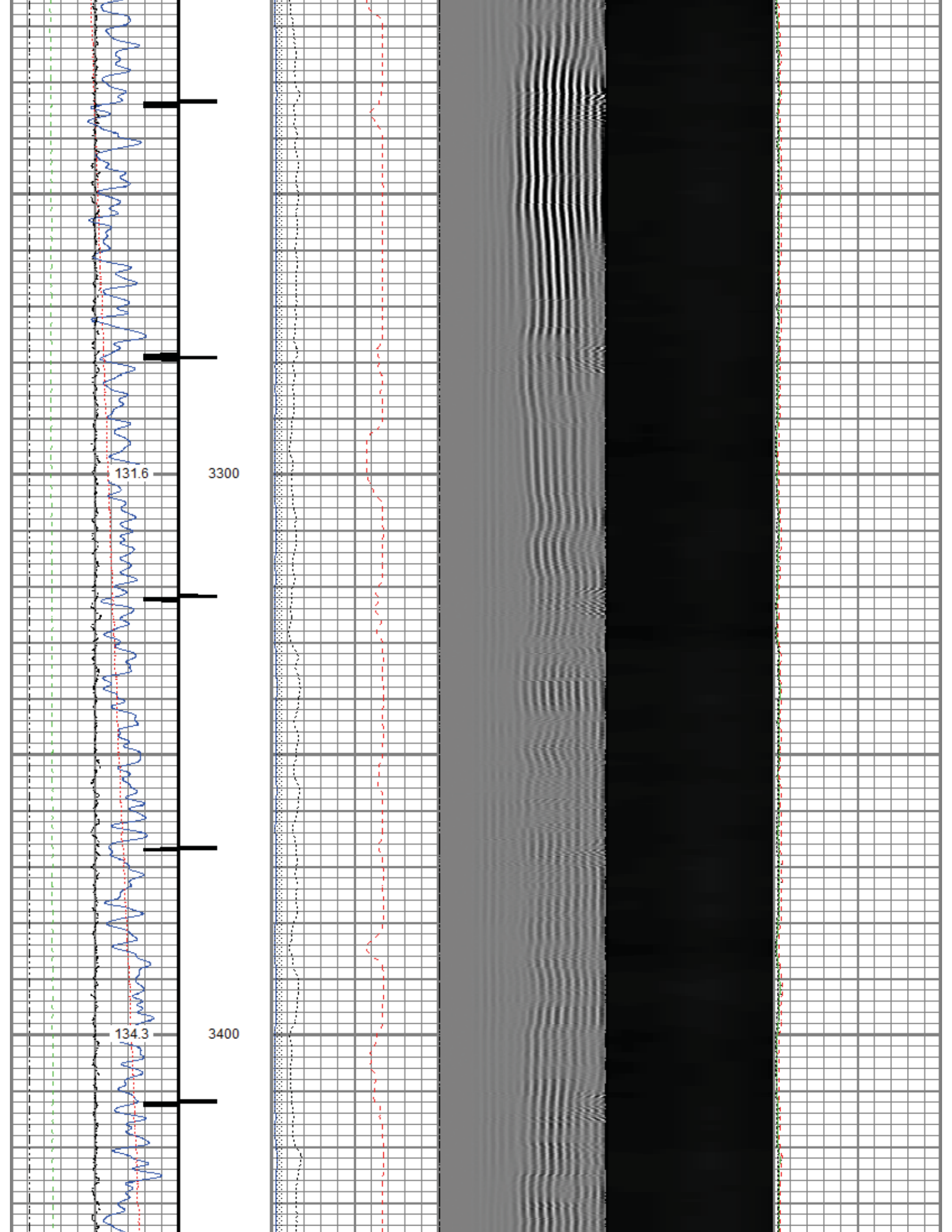


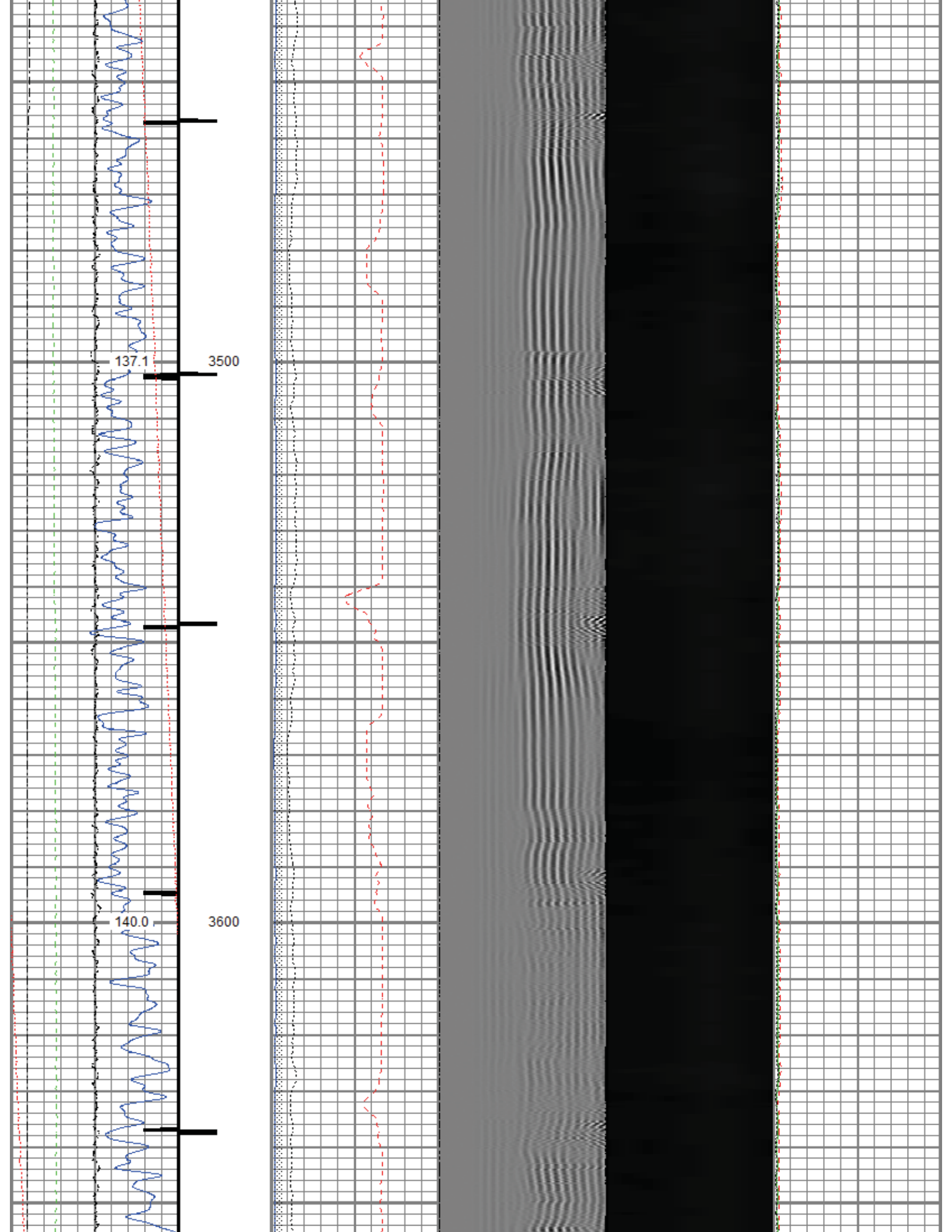


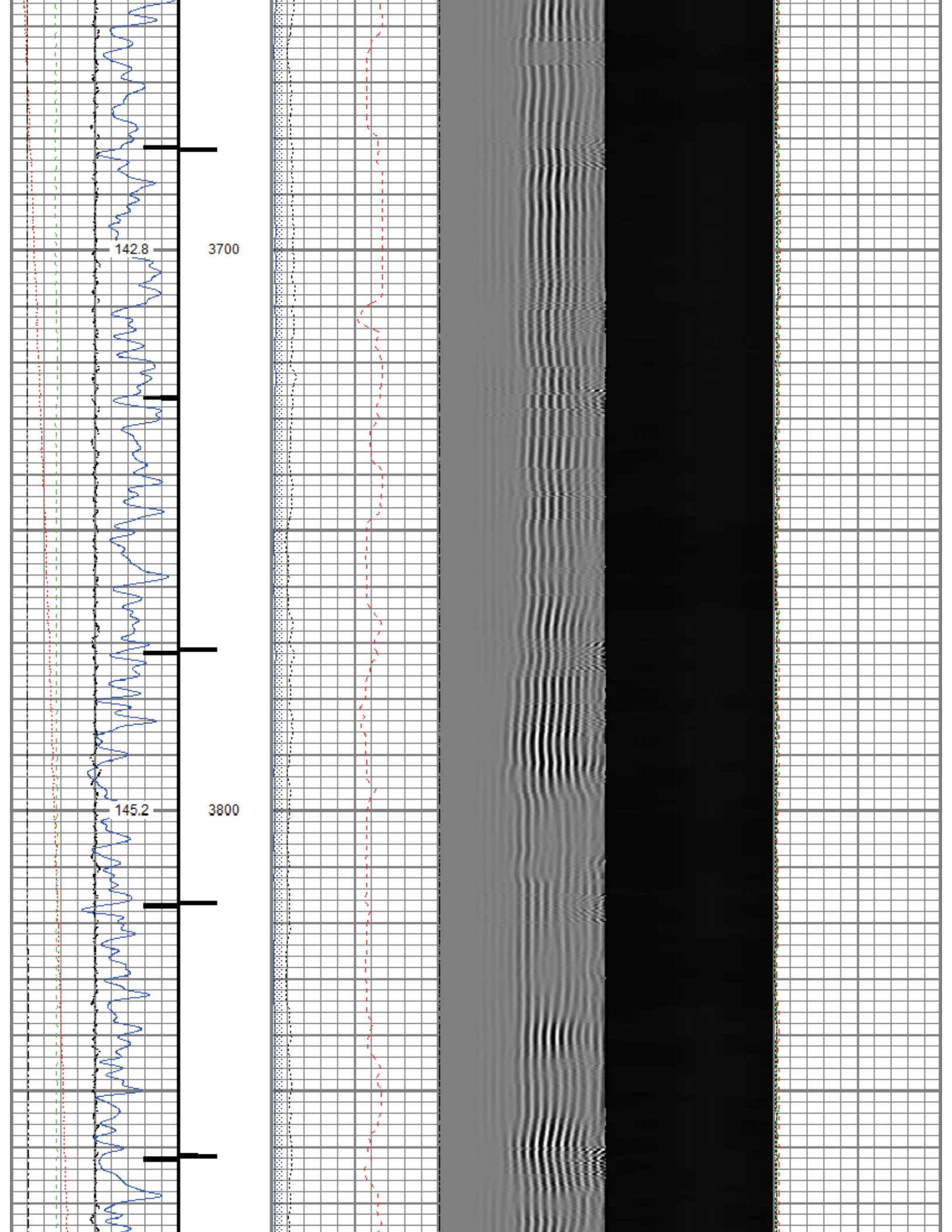


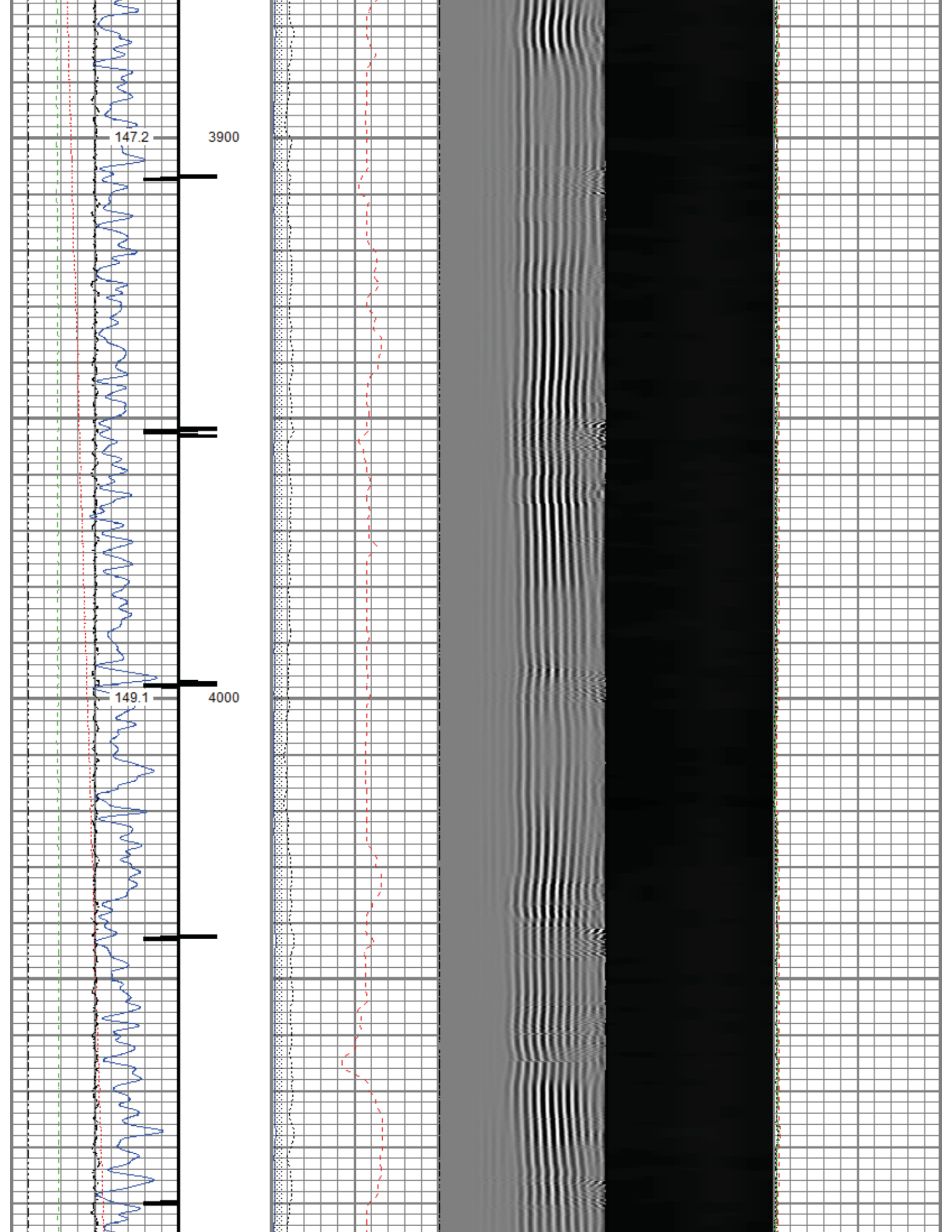


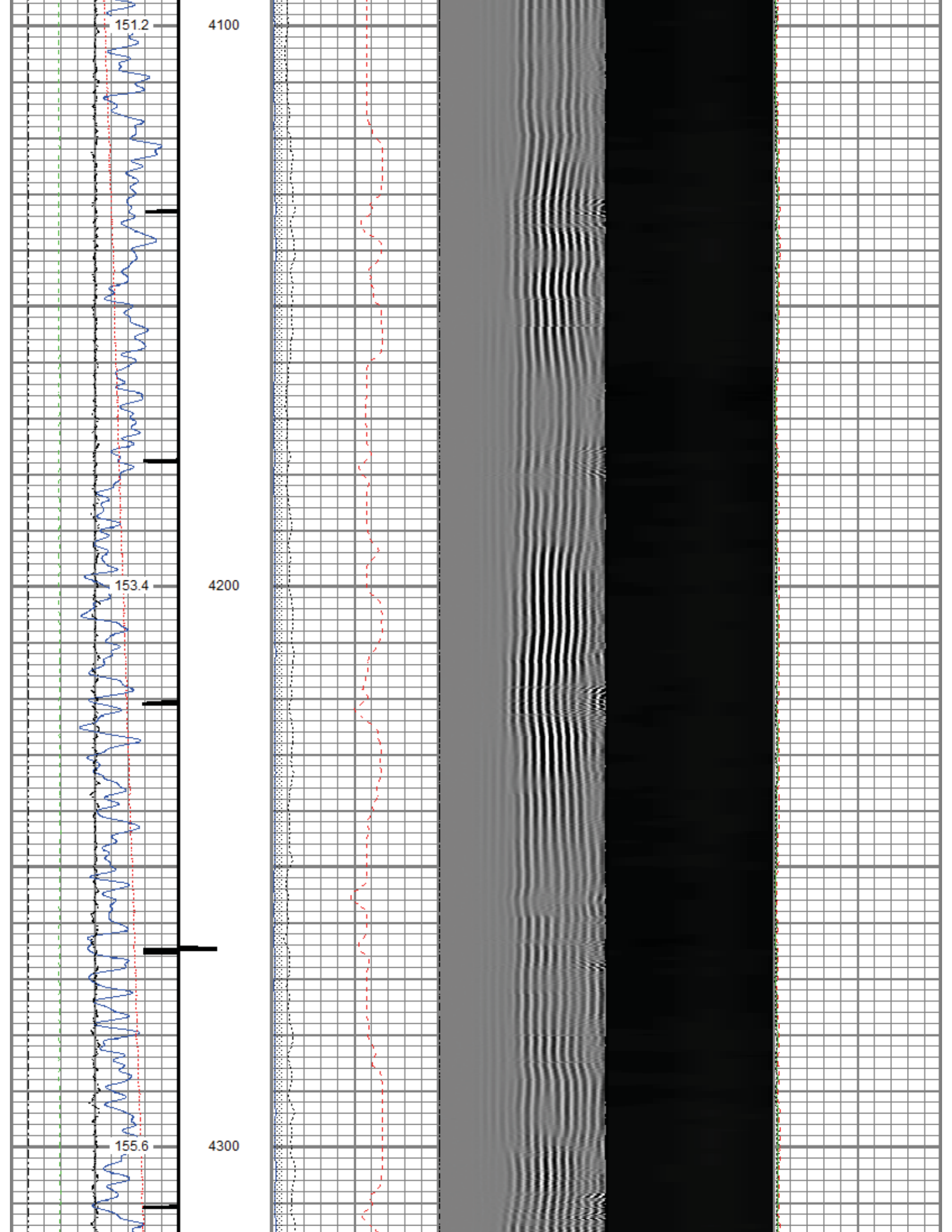


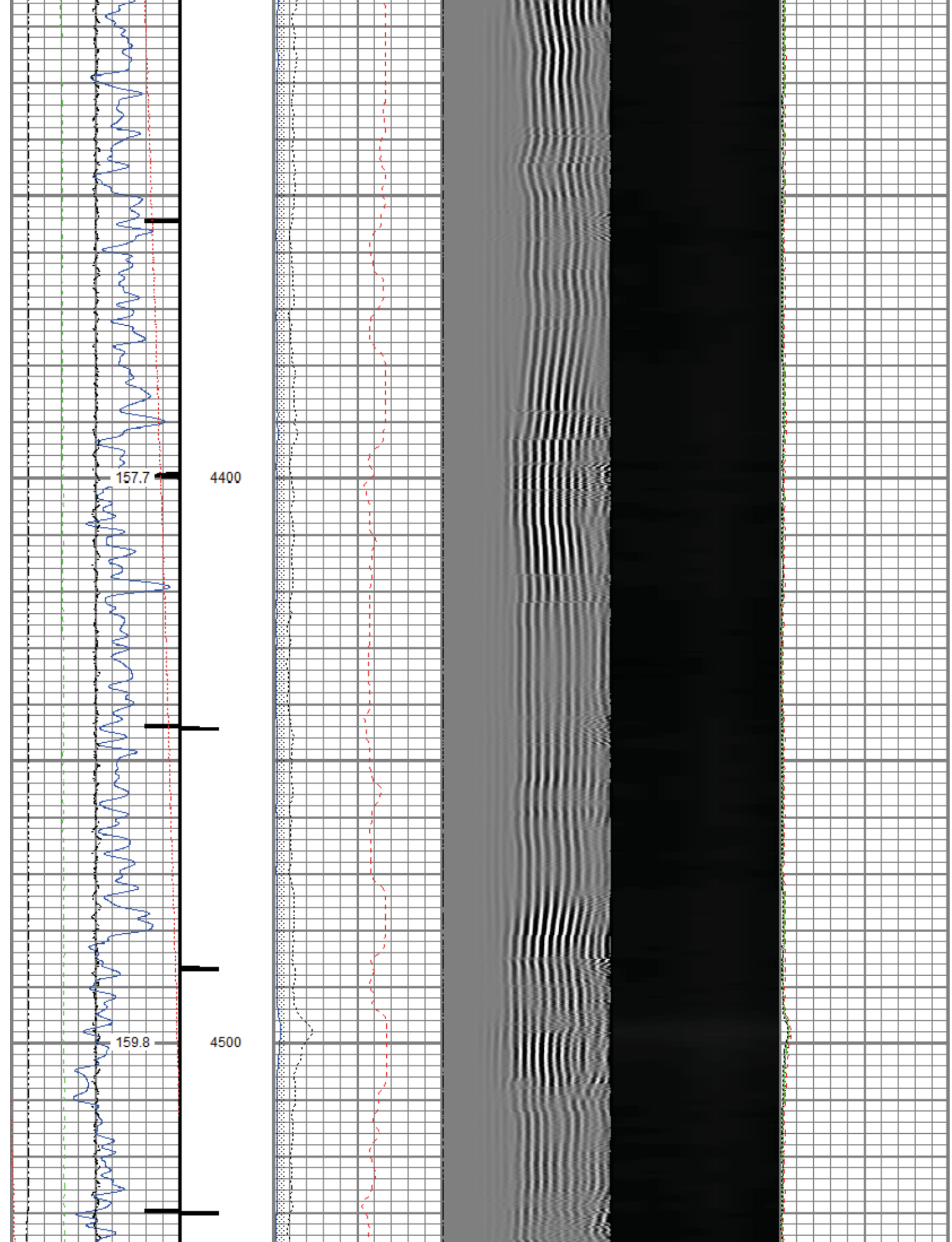


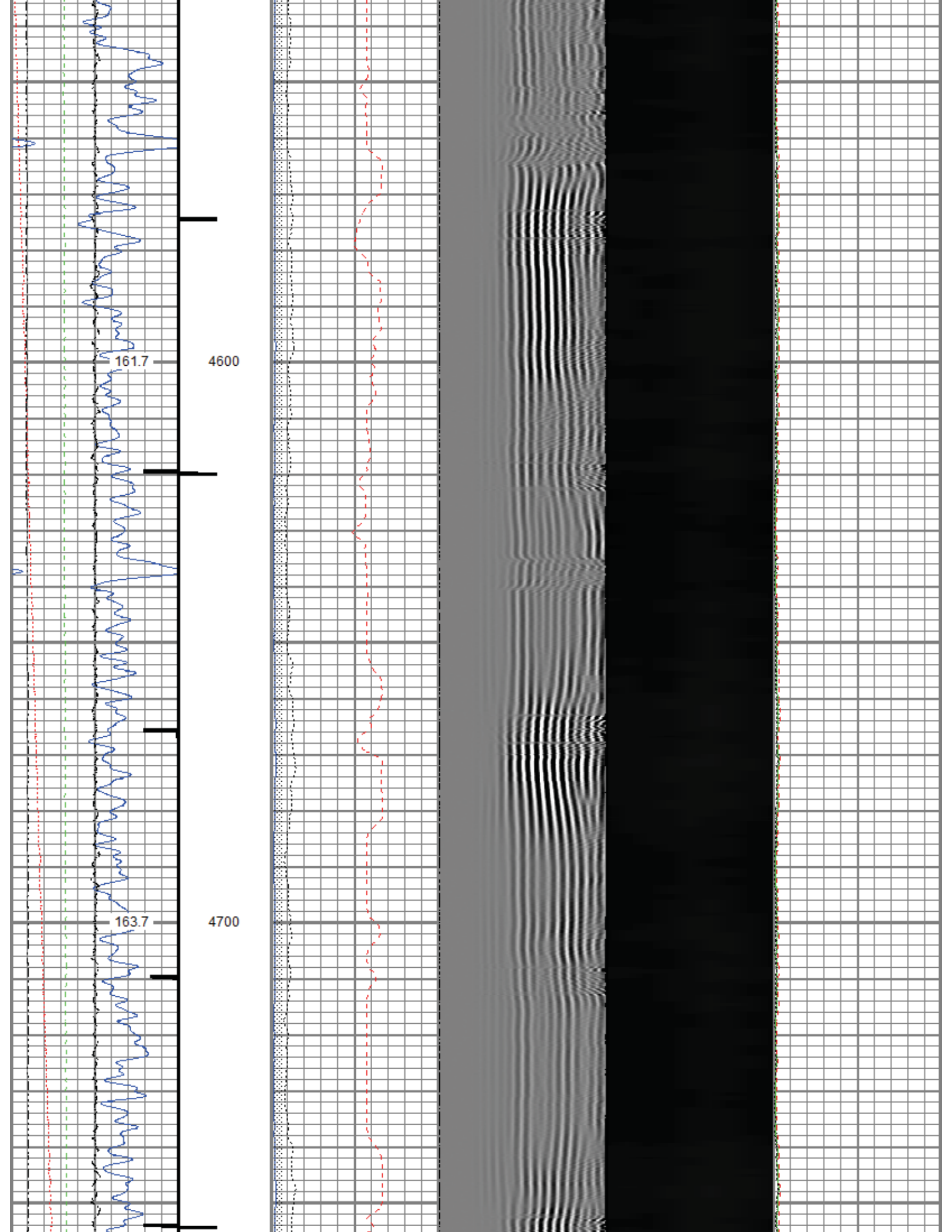


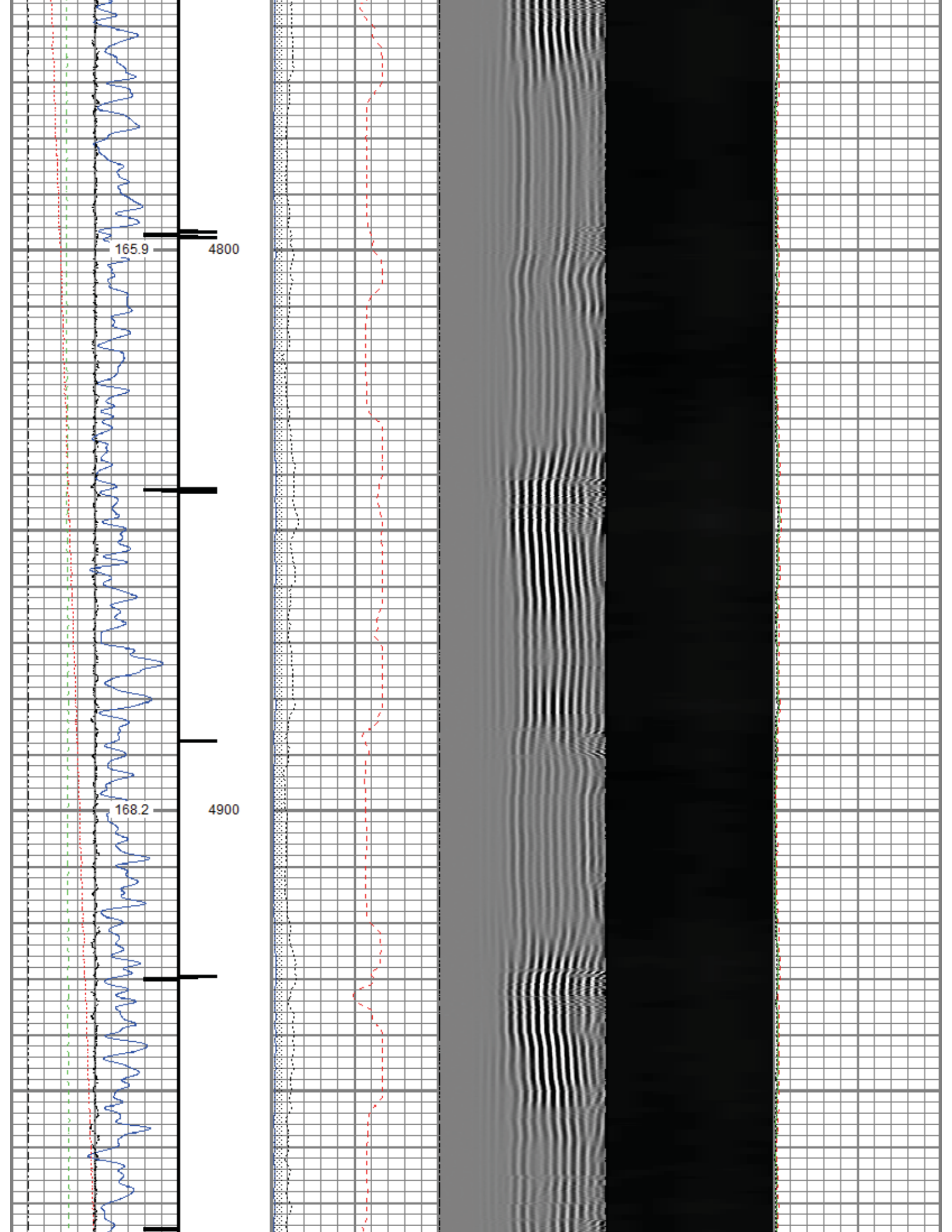


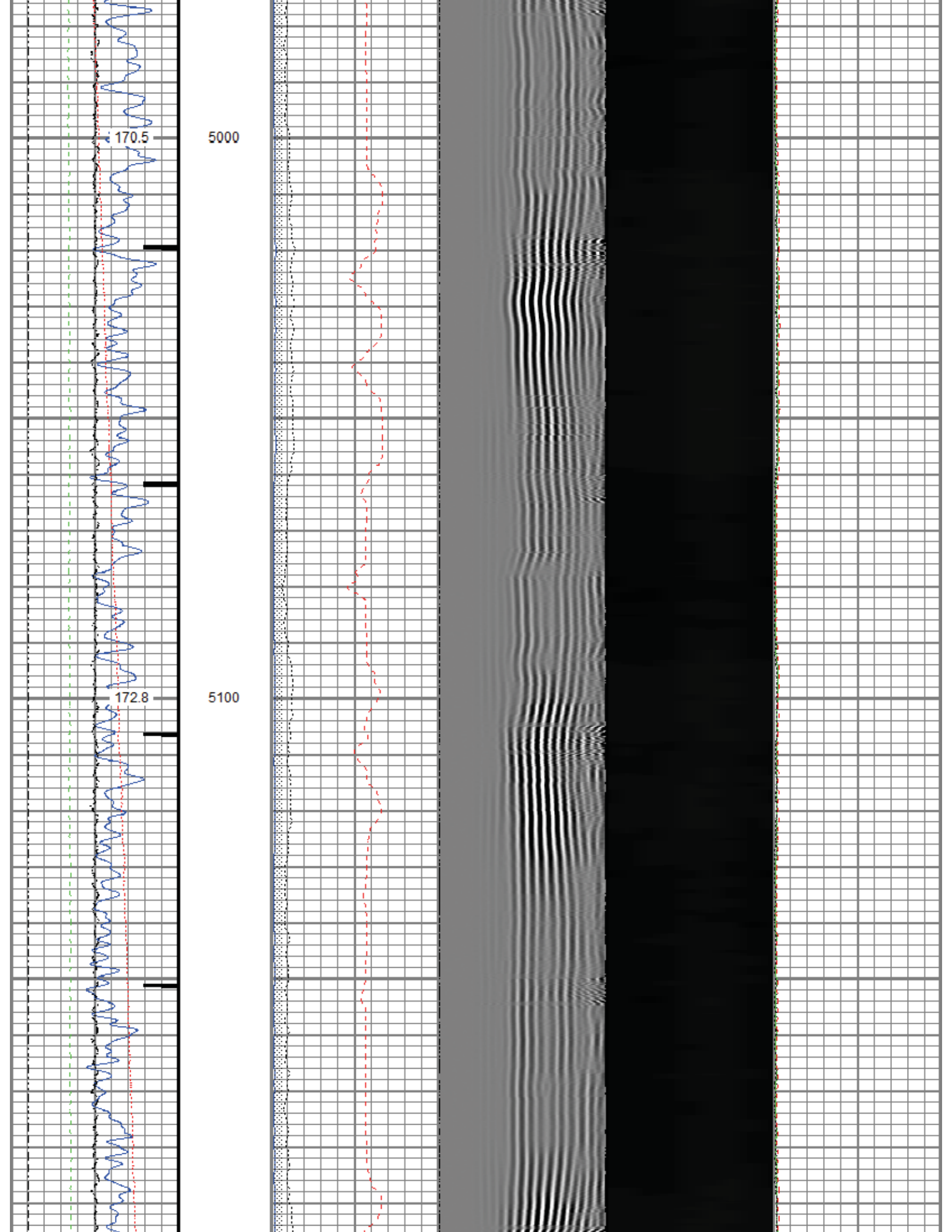


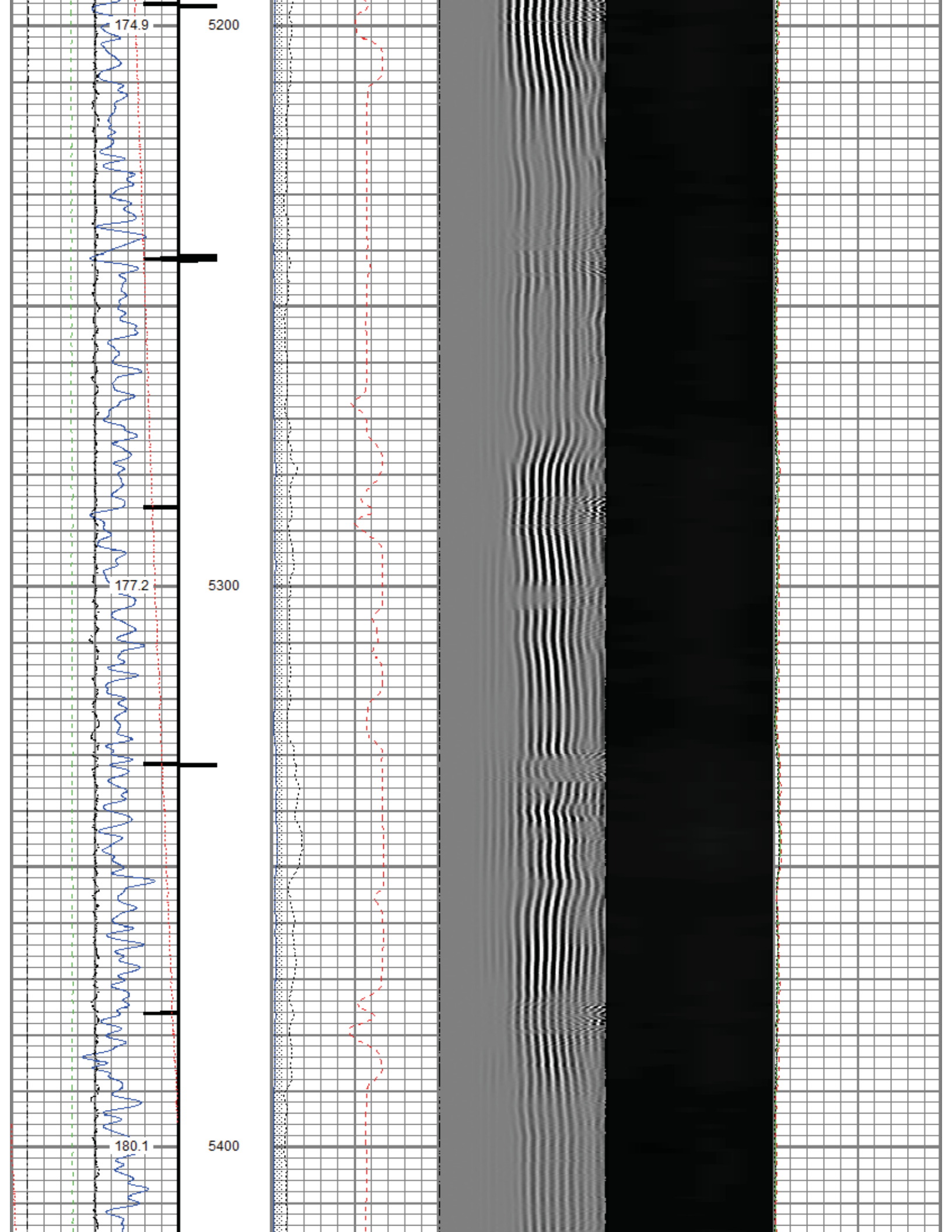


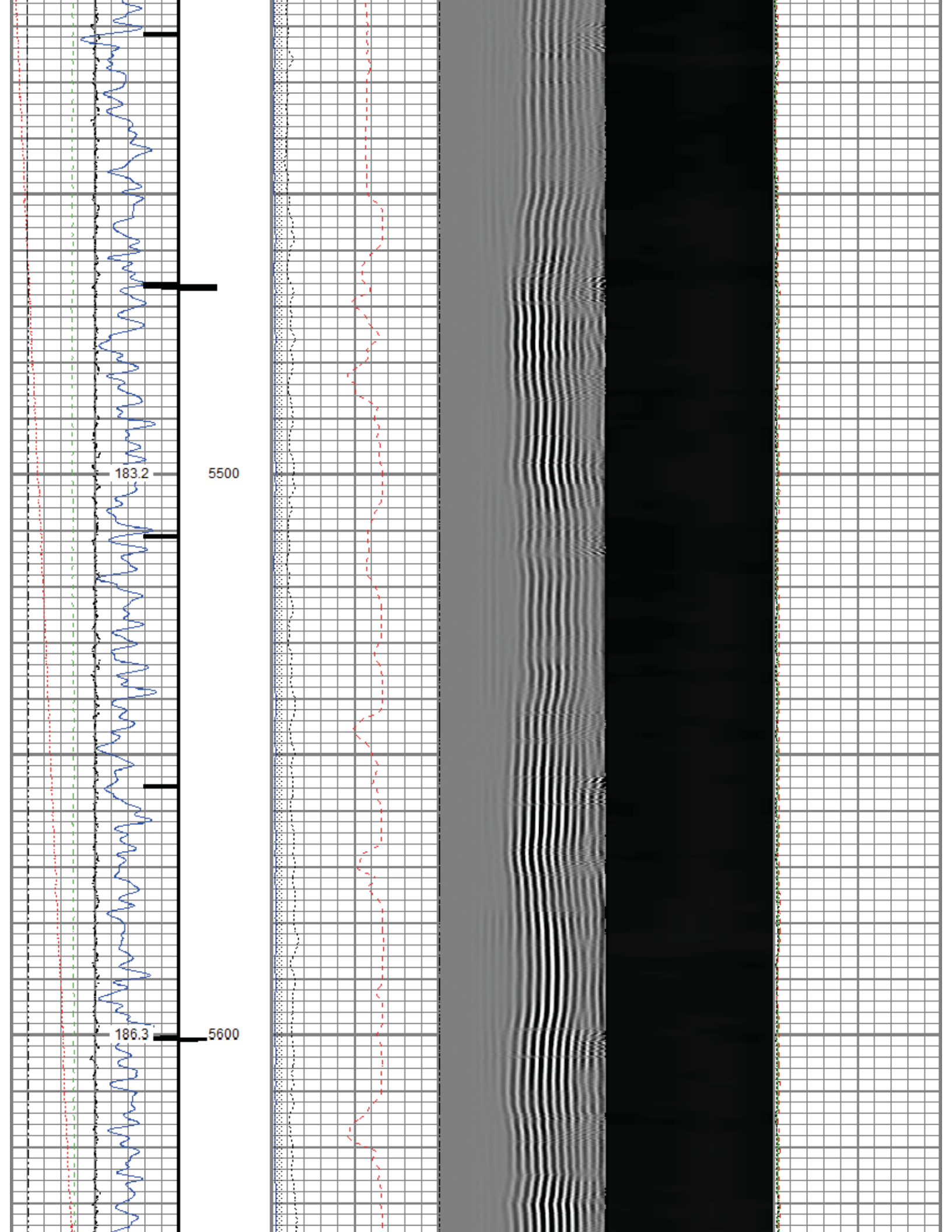


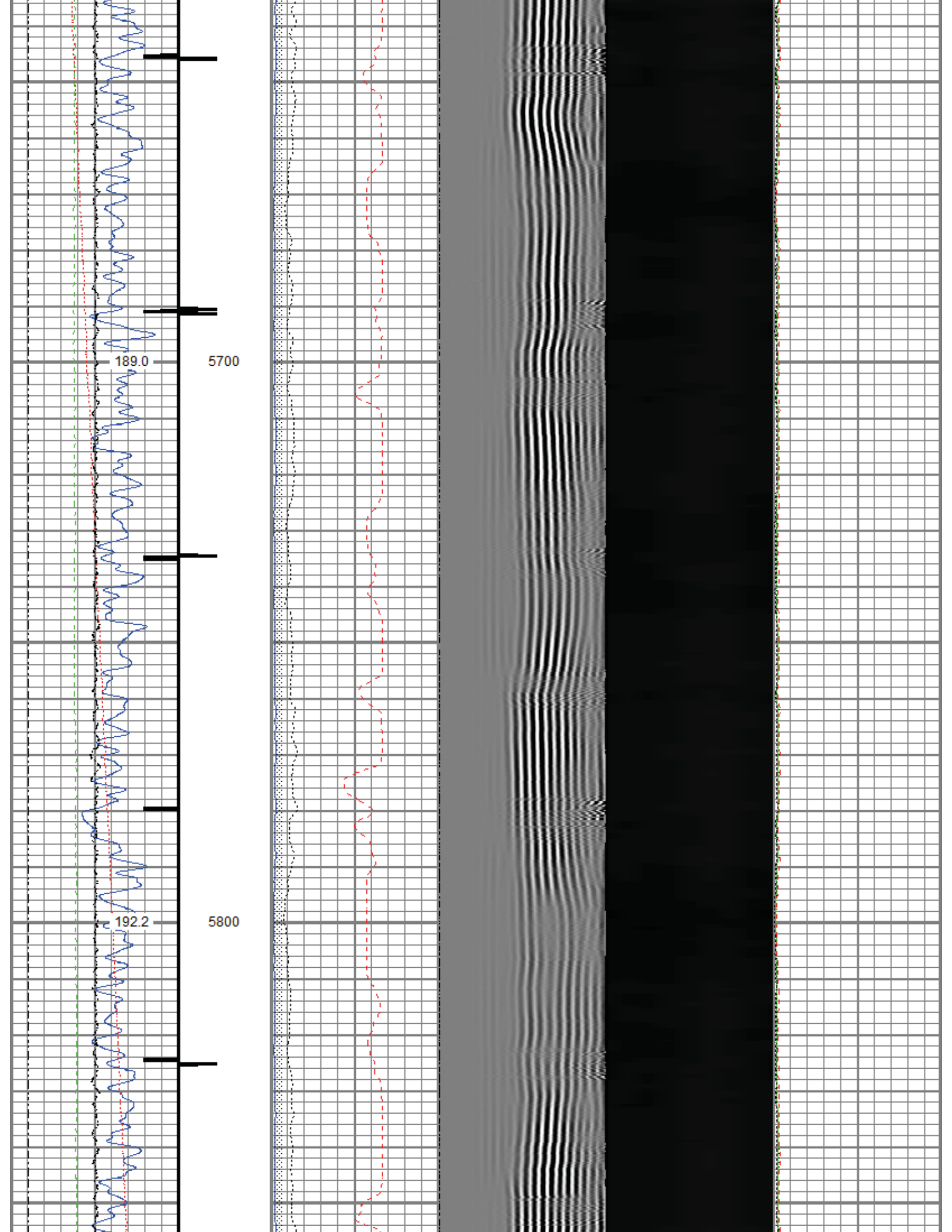


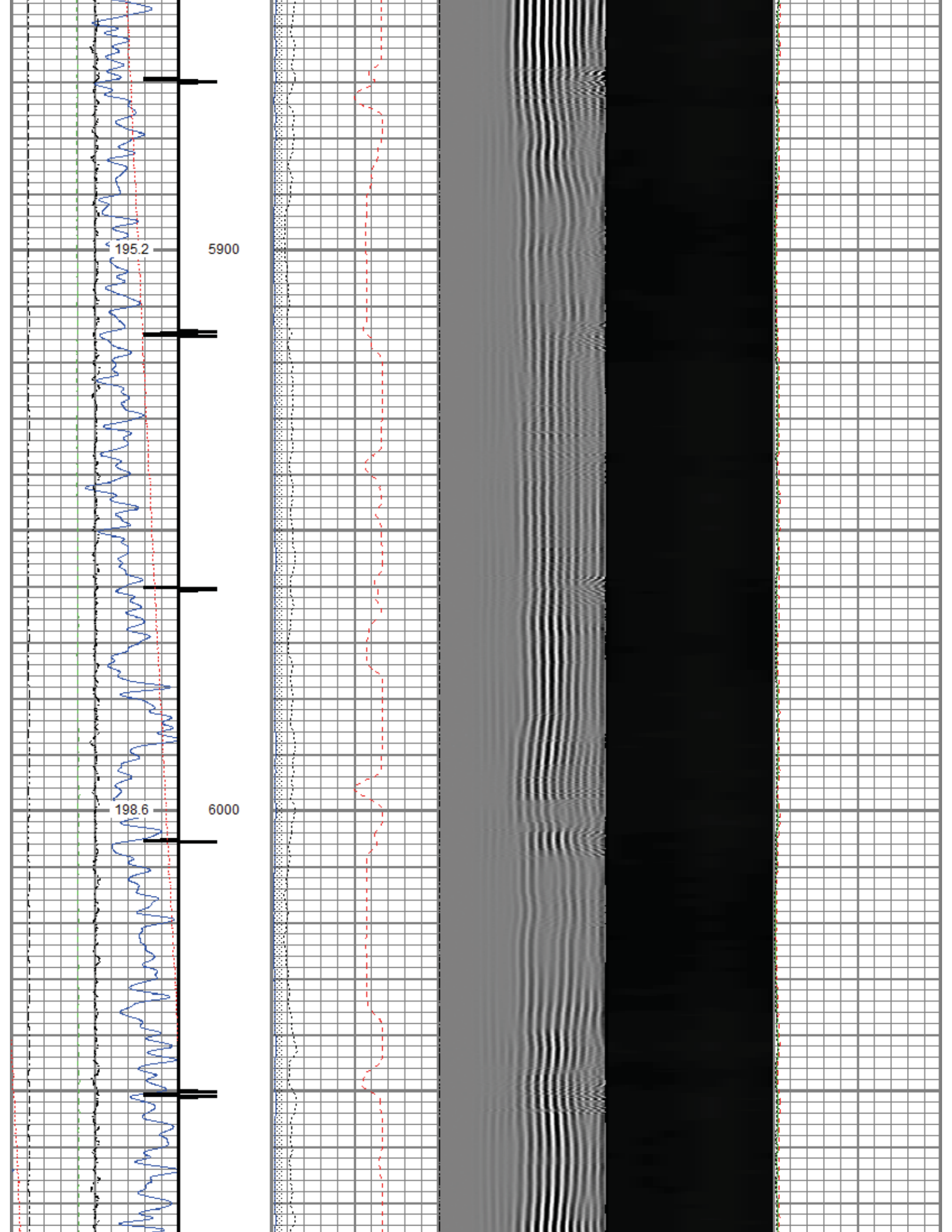


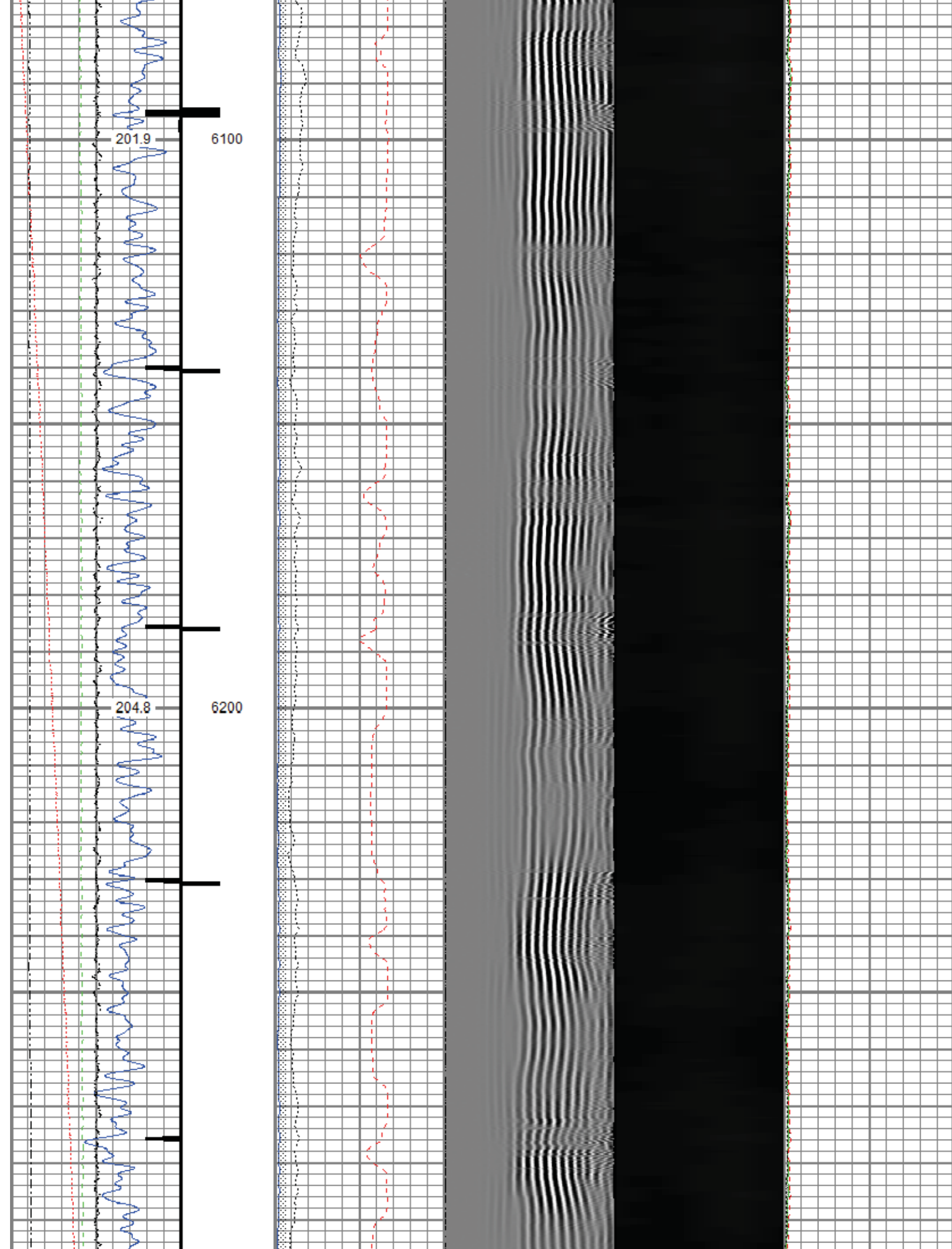


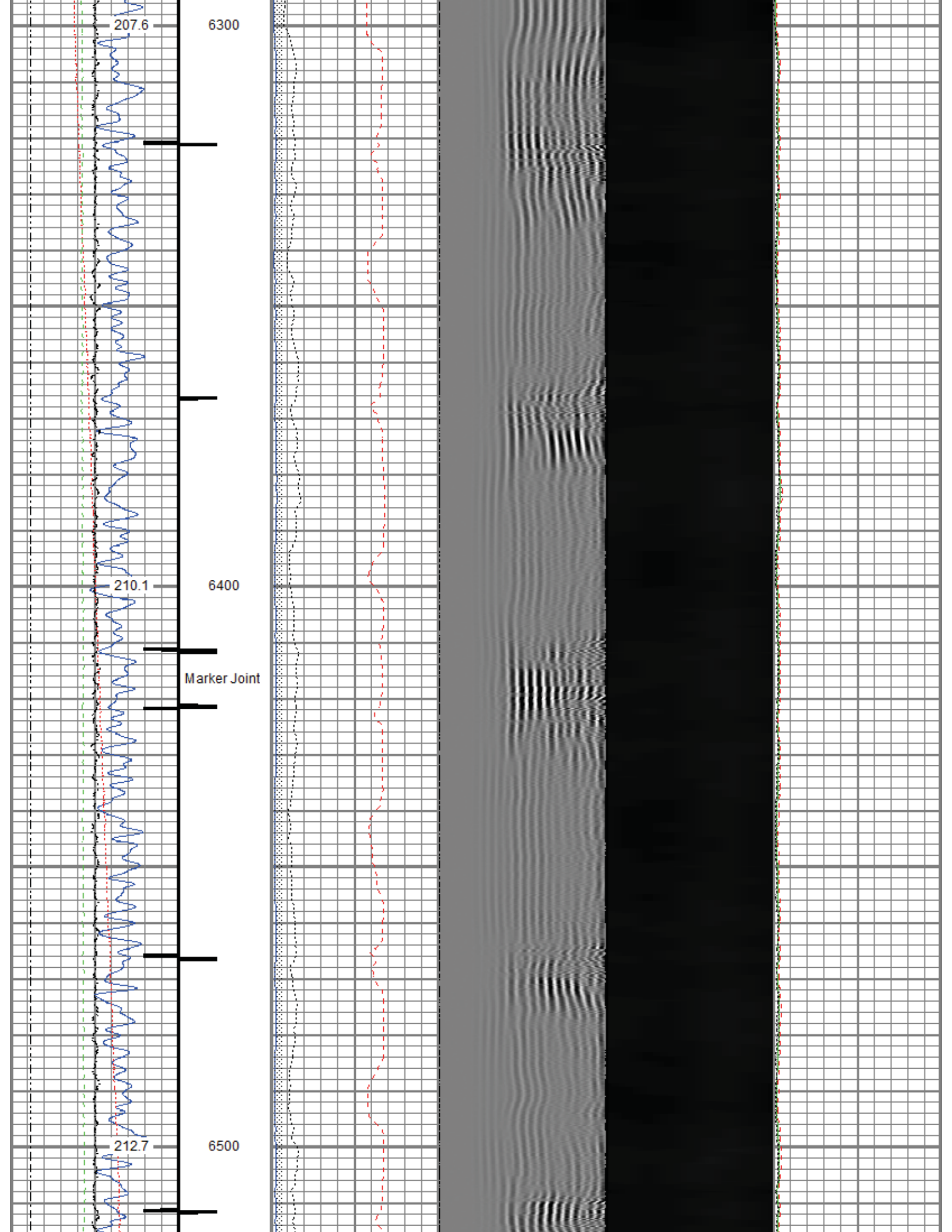


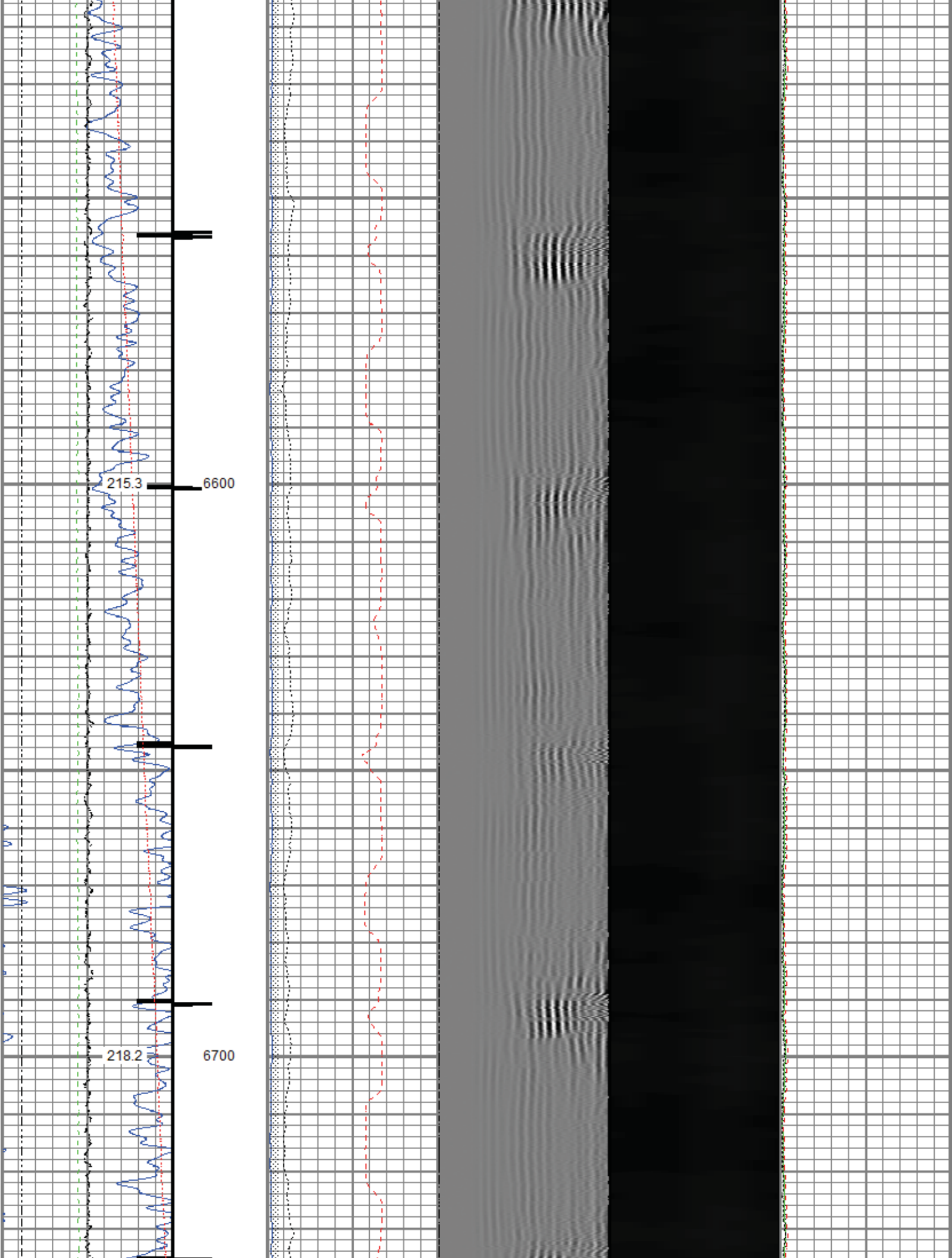


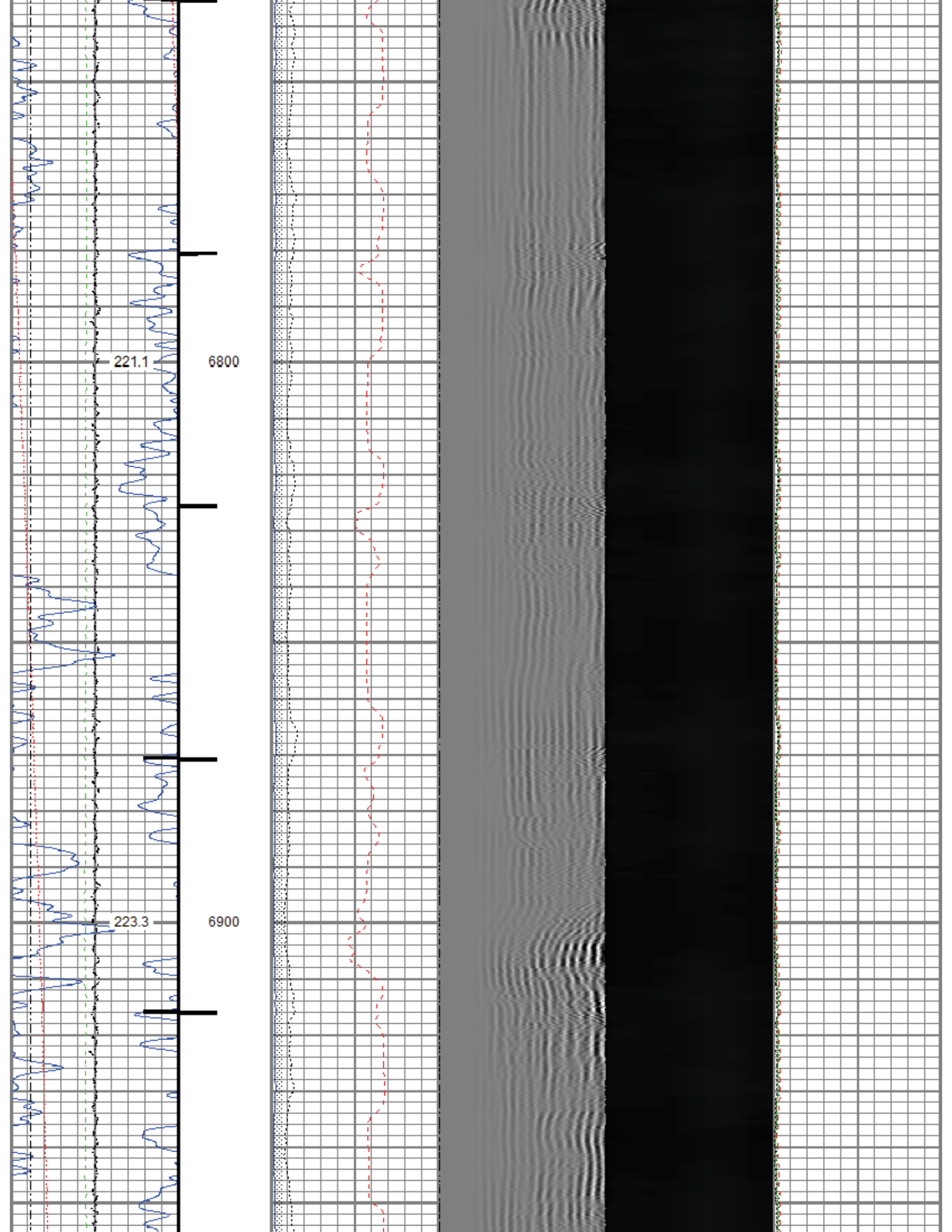


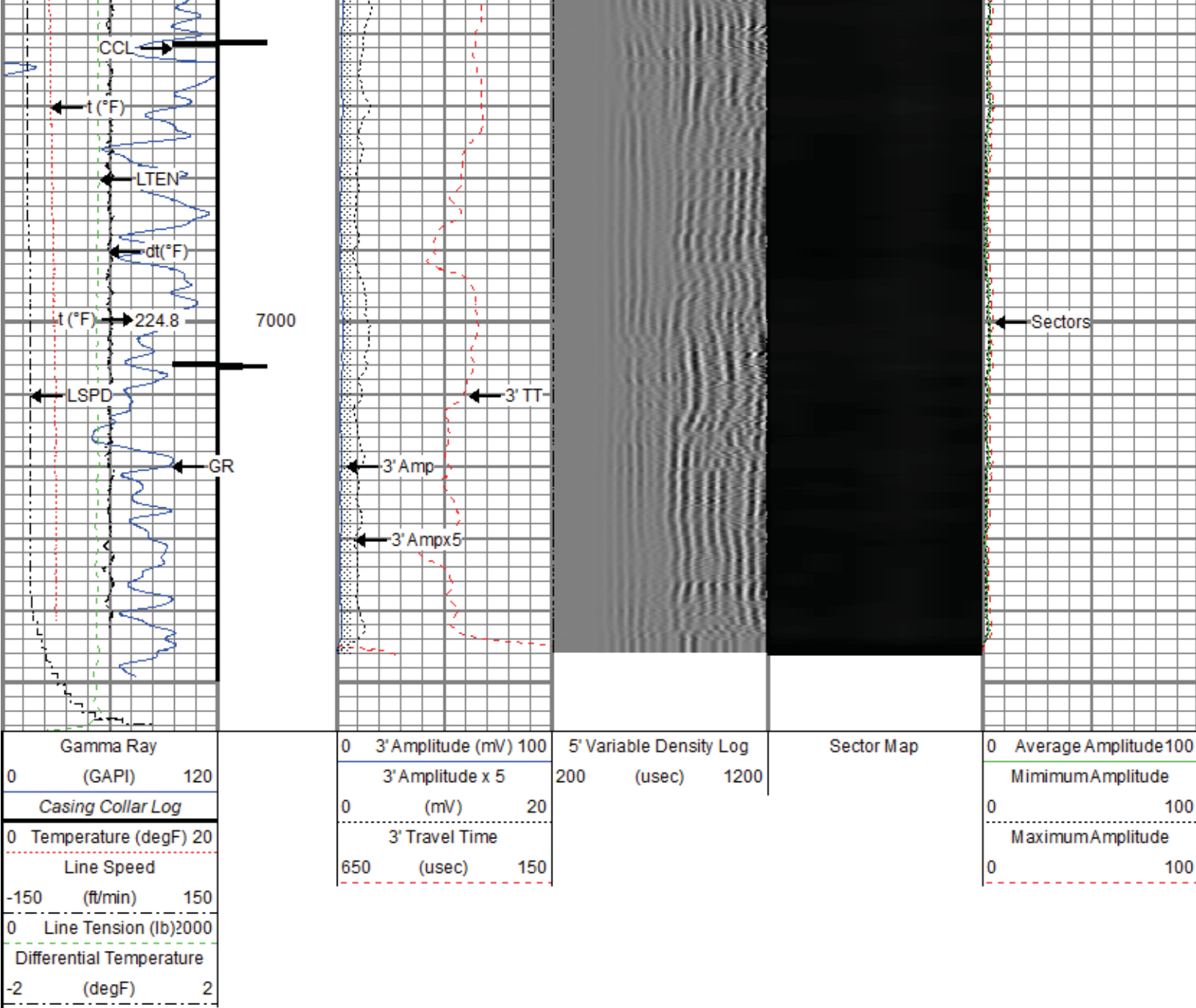








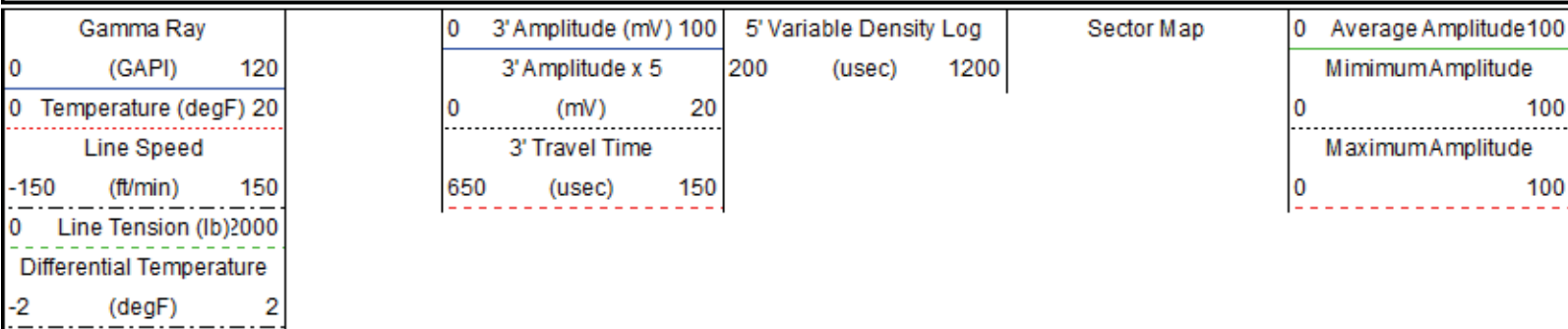


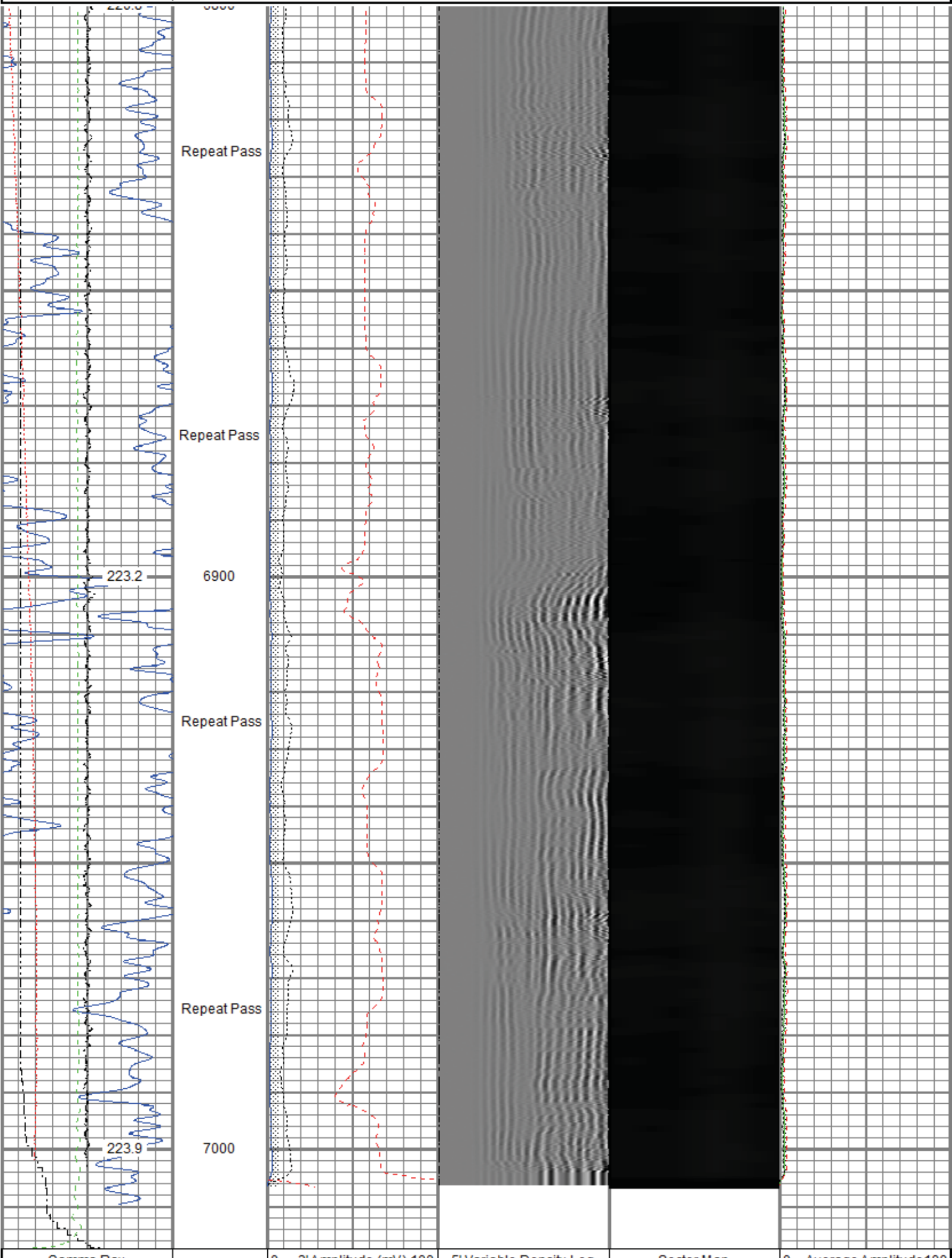


Repeat Pass

Recorded With 2500 PSI Surface Induced Pressure

Database File noble_guttersen yy06-775_rbl_09-01-20\noble_guttersen yy06-775_rbl_09-01-20.db
Dataset Pathname pass4.1
Presentation Format ros_radil_noble
Dataset Creation Wed Sep 02 11:58:50 2020
Charted by Depth in Feet scaled 1:240



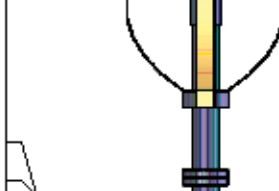


Gamma Ray	0	3 Amplitude (mV)	100	5 Variable Density Log	Sector Map	0	Average Amplitude	100
0 (GAPI)	120	3' Amplitude x 5	200	(uSec)	1200		Minimum Amplitude	
0 Temperature (degF)	20	0 (mV)	20			0	100	
Line Speed		3' Travel Time					Maximum Amplitude	
-150 (ft/min)	150	650 (uSec)	150			0	100	
0 Line Tension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

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
ErrCt	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-2750-5500	1.50	3.25	11.00
			Slip Over 2-3/4" I.D. for 5-1/2" O.D. Casing Bow Spring Centralizer			
TEMP	14.16					
			Probe Radii ACC-2750 RBTa (FW1302-002)	9.39	2.75	105.00
RBT_ACCZ	11.93		Probe 2-3/4" Radial Cement Bond Tool with Integral Temperature Sub and Accelerometer			
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-2750-5500	1.50	3.25	11.00
			Slip Over 2-3/4" I.D. for 5-1/2" O.D. Casing Bow Spring Centralizer			
			Probe GR-CCL-2750 6PB (101001)	4.80	2.75	55.00
			Probe 2-3/4" rev.1 Digital Scintillation Gamma Ray/CCL Combined with 6 Pin Bottom for CNT			

LOCTIM
UTCTIM

0.00
0.00



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

2.88

2.75

20.00

Dataset: noble_guttersen yy06-775_rbl_09-01-20.db: field/well/run1/pass6.1
Total length: 18.10 ft
Total weight: 229.40 lb
O.D.: 3.25 in

Calibration Report

Database File c:\programdata\warrior\data\noble_guttersen yy06-775_rbl_09-01-20\noble_guttersen yy06-775_rbl_09-01-20.db
Dataset Pathname pass6.1
Dataset Creation Wed Sep 02 11:54:39 2020

Gamma Ray Calibration Report

Serial Number: 101001
Tool Model: 2750 6PB
Performed: Tue Dec 03 09:24:53 2019

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: FW1302-002
Tool Model: 2750 RBTa

Calibration Casing Diameter: 5.500 in
Calibration Depth: 5.882 ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.010	0.663	0.800	71.921	108.888	-0.236
CAL	0.006	0.667				
5'	0.008	0.623	0.800	71.921	115.724	-0.172
SUM						
S1	0.006	0.633	0.000	100.000	159.486	-0.922
S2	0.008	0.674	0.000	100.000	149.983	-1.151
S3	0.008	0.705	0.000	100.000	143.558	-1.212
S4	0.009	0.699	0.000	100.000	144.873	-1.285
S5	0.008	0.700	0.000	100.000	144.620	-1.175
S6	0.009	0.678	0.000	100.000	149.445	-1.277
S7	0.007	0.667	0.000	100.000	151.573	-1.137
S8	0.008	0.649	0.000	100.000	156.013	-1.286

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.006	0.667	1.000	0.000

Air Zero Calibration, performed Mon Aug 31 10:03:14 2020:

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:	Tue Dec 03 09:24:53 2019				
	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:	Tue Dec 03 09:24:53 2019			
	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 Guttersen YY06-775
Field Wattenberg
County Weld
State Colorado