

<<< Fold Here >>>

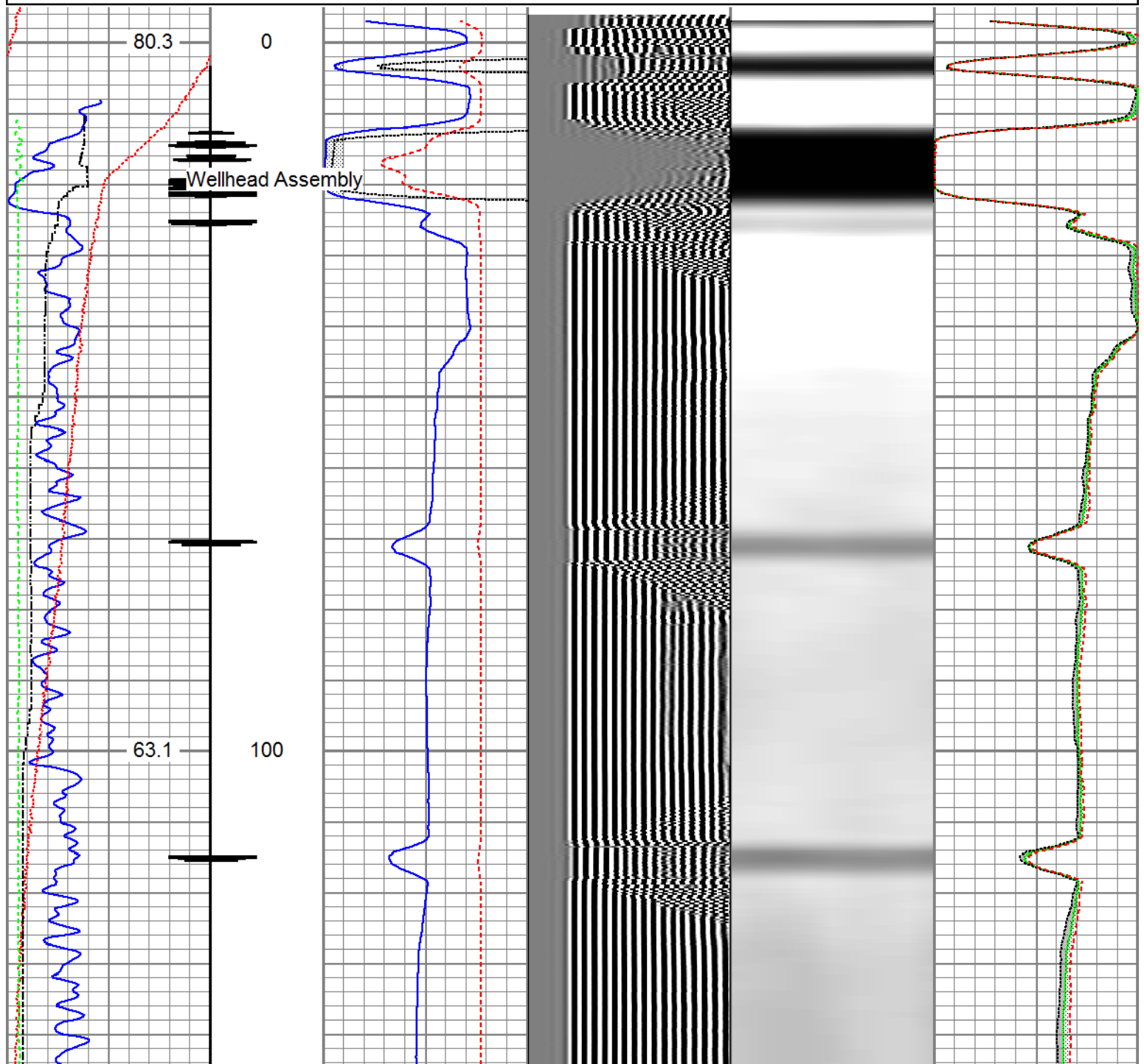
Comments

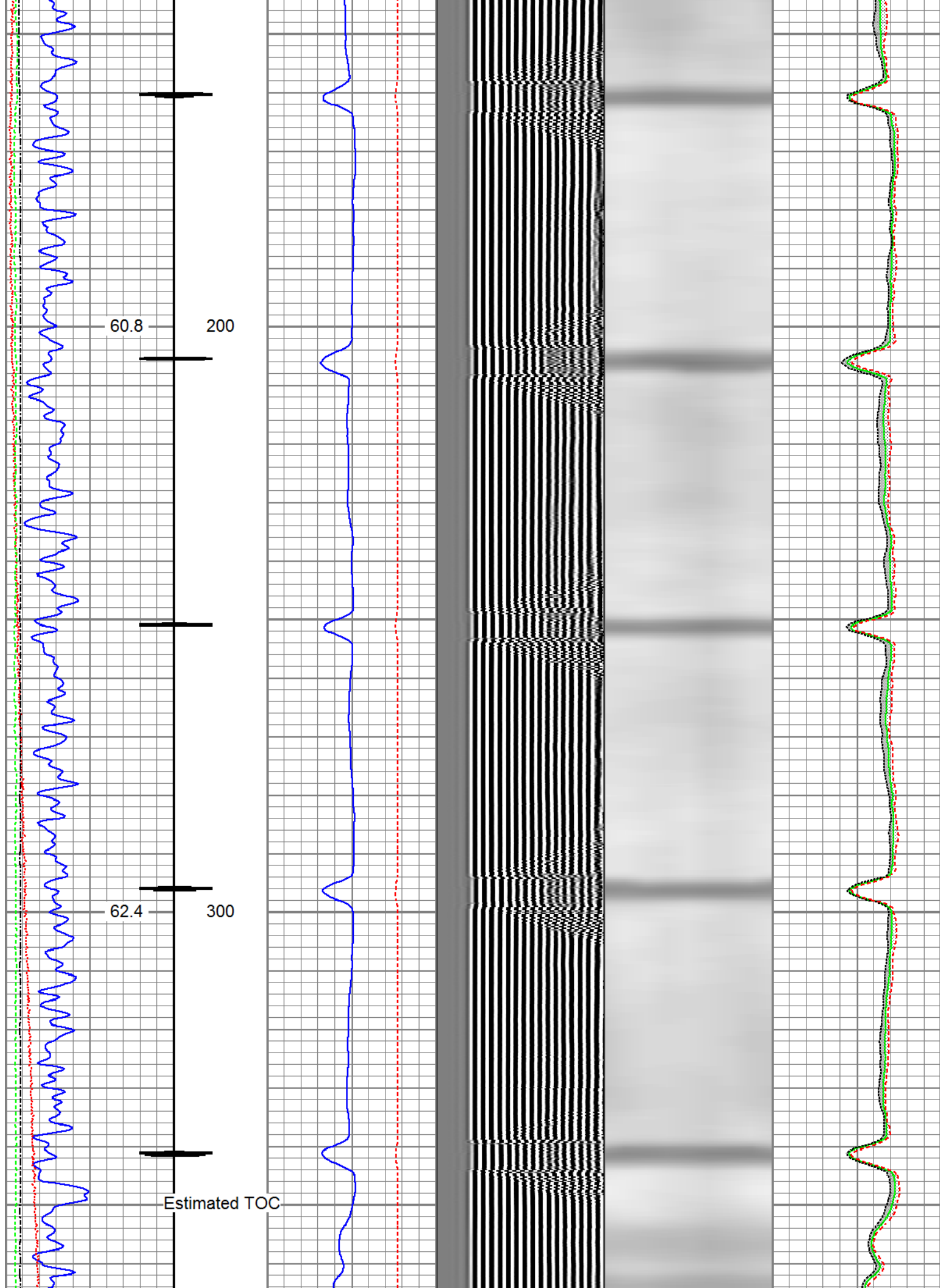


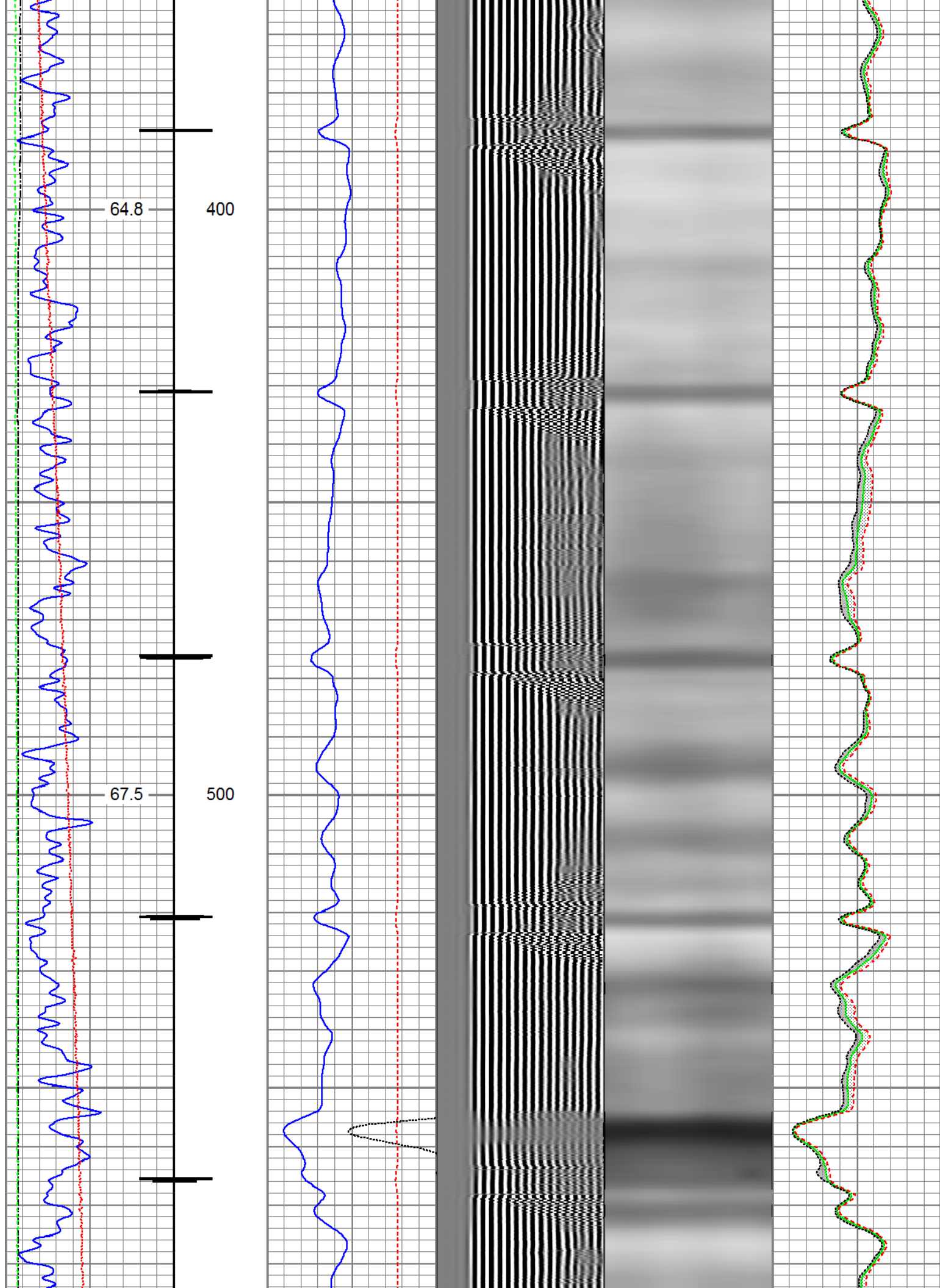
## Main Pass

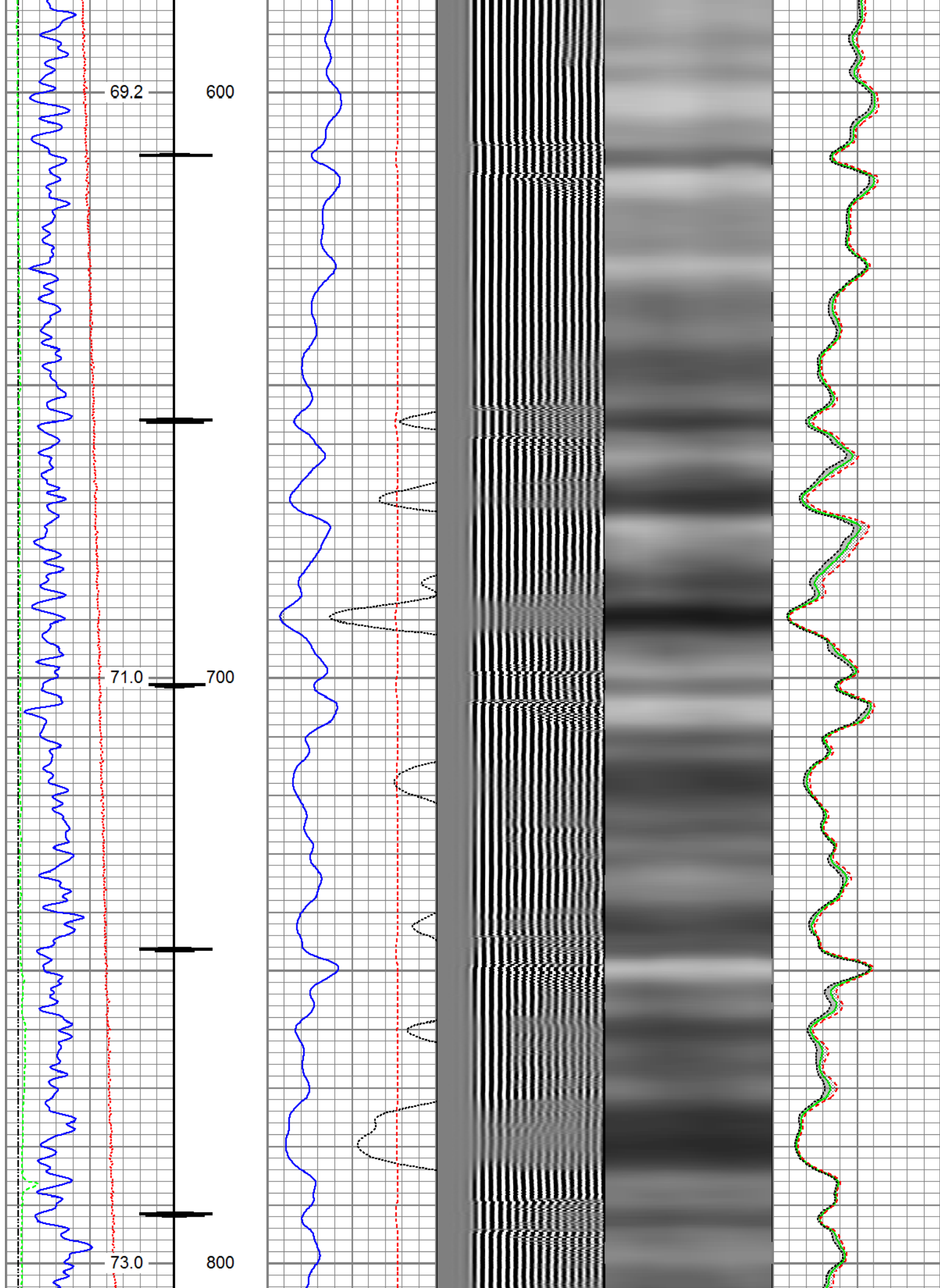
Recorded with 2800 PSI Surface Induced Pressure

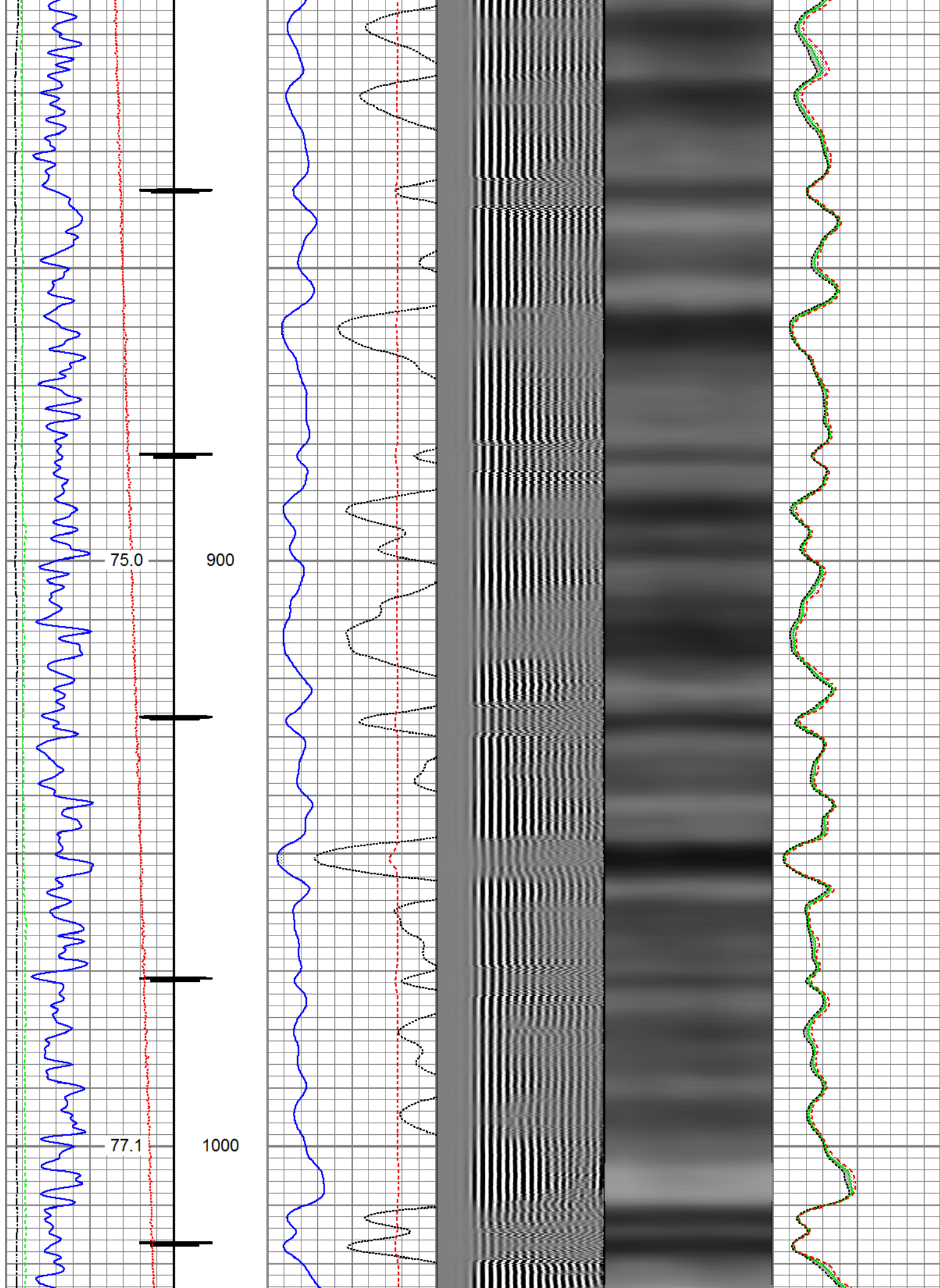
Gamma Ray	3' Amplitude	5' Variable Density Log	Sector Map	Average Amplitude
0 (GAPI) 120	0 (mV) 100	200 1200		0 100
Casing Collar Locator	3' Amplitude x 5			Minimum Amplitude
	0 (mV) 20			0 100
Temperature	3' Travel Time			Maximum Amplitude
0 (degF) 20	650 (usec) 150			0 100
Line Speed				
-150 (ft/min)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

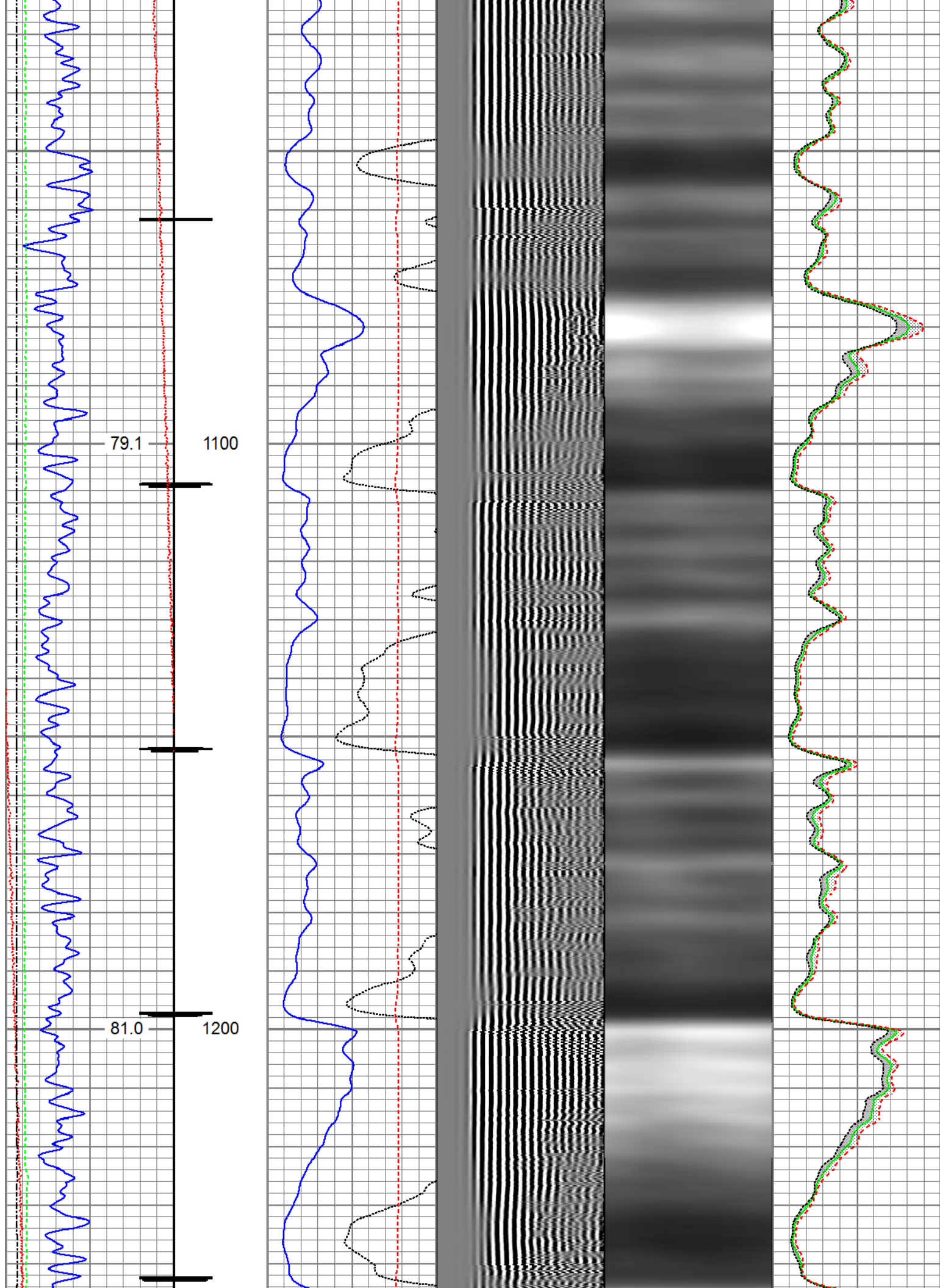


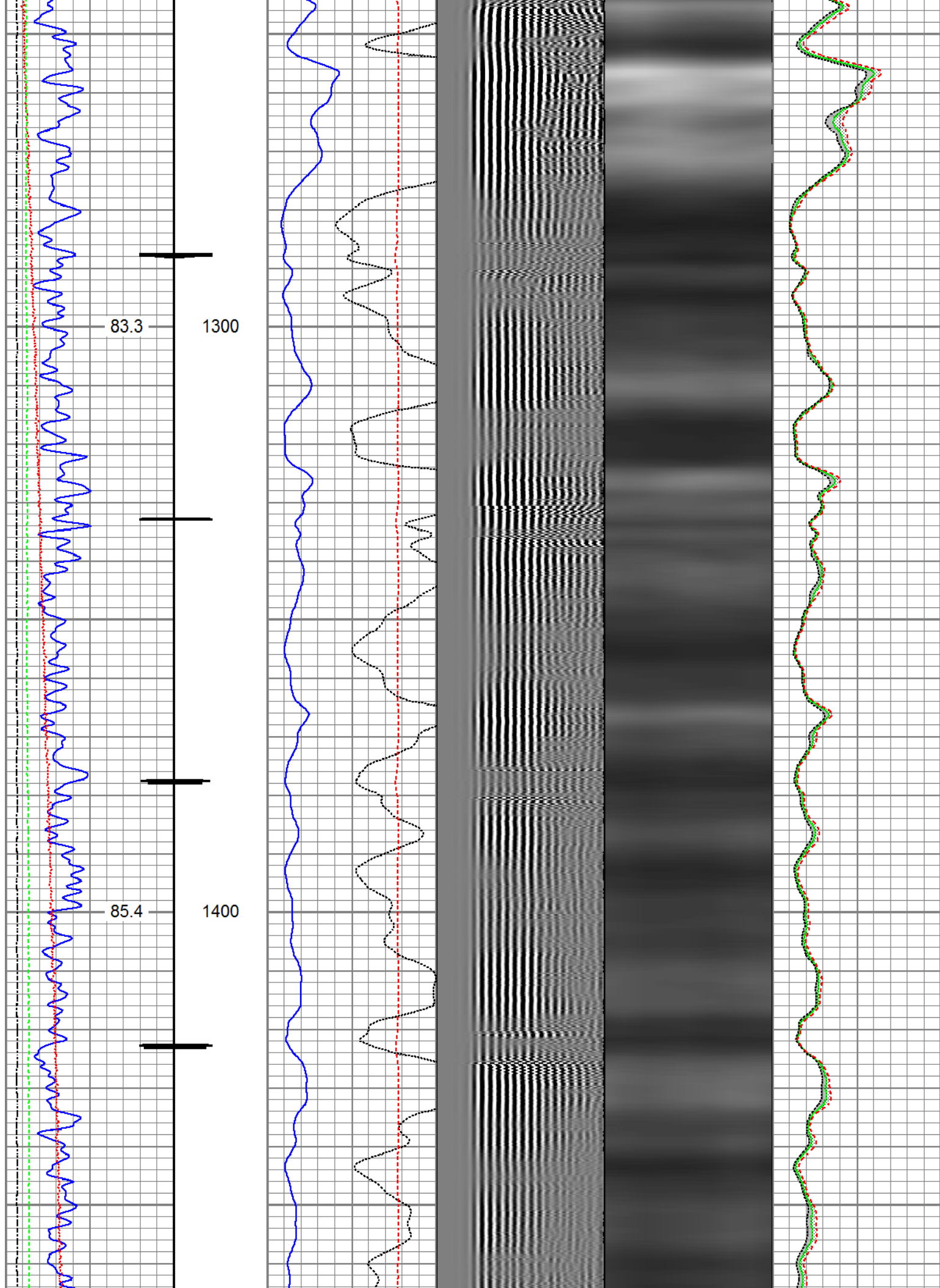


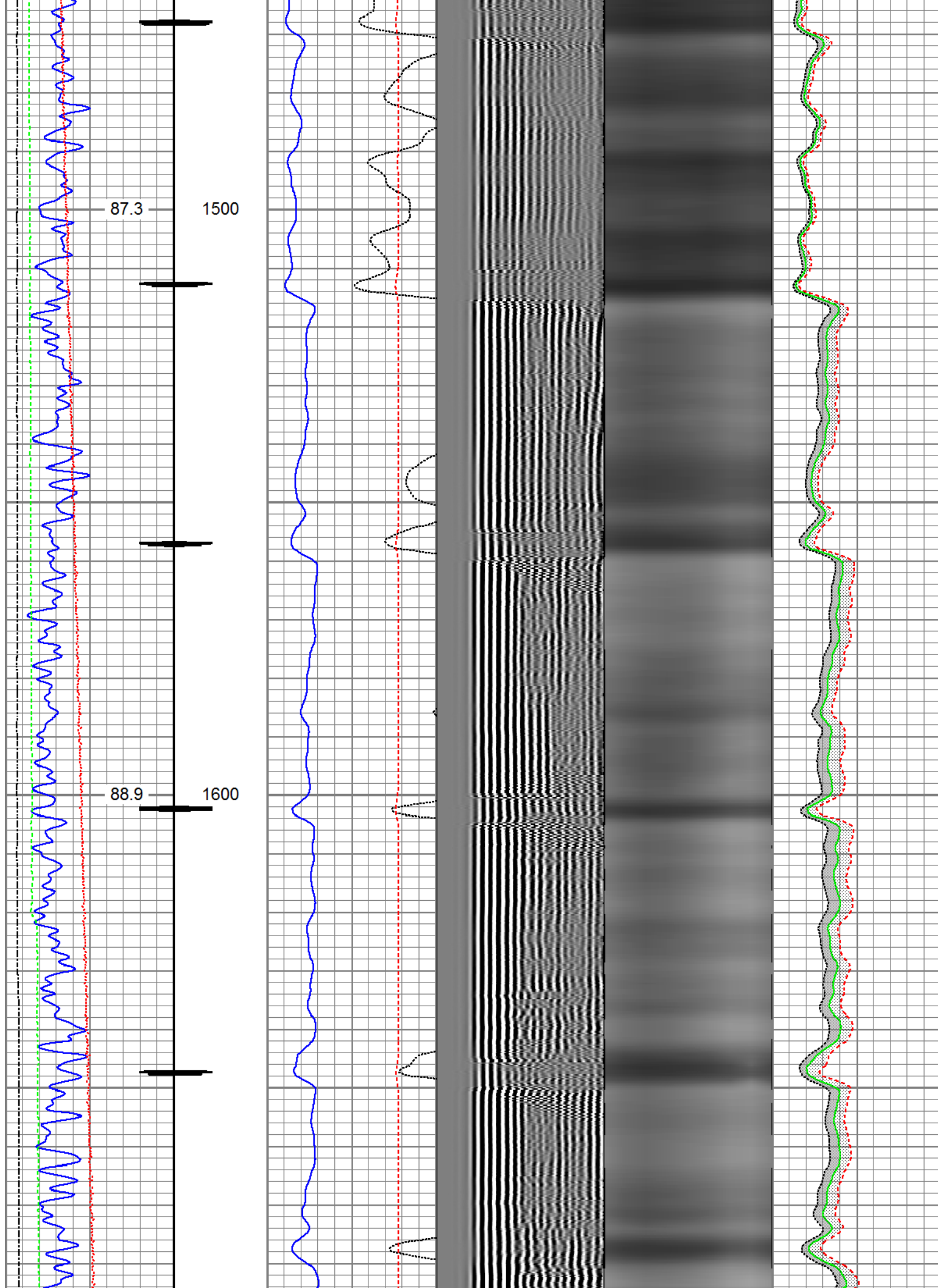


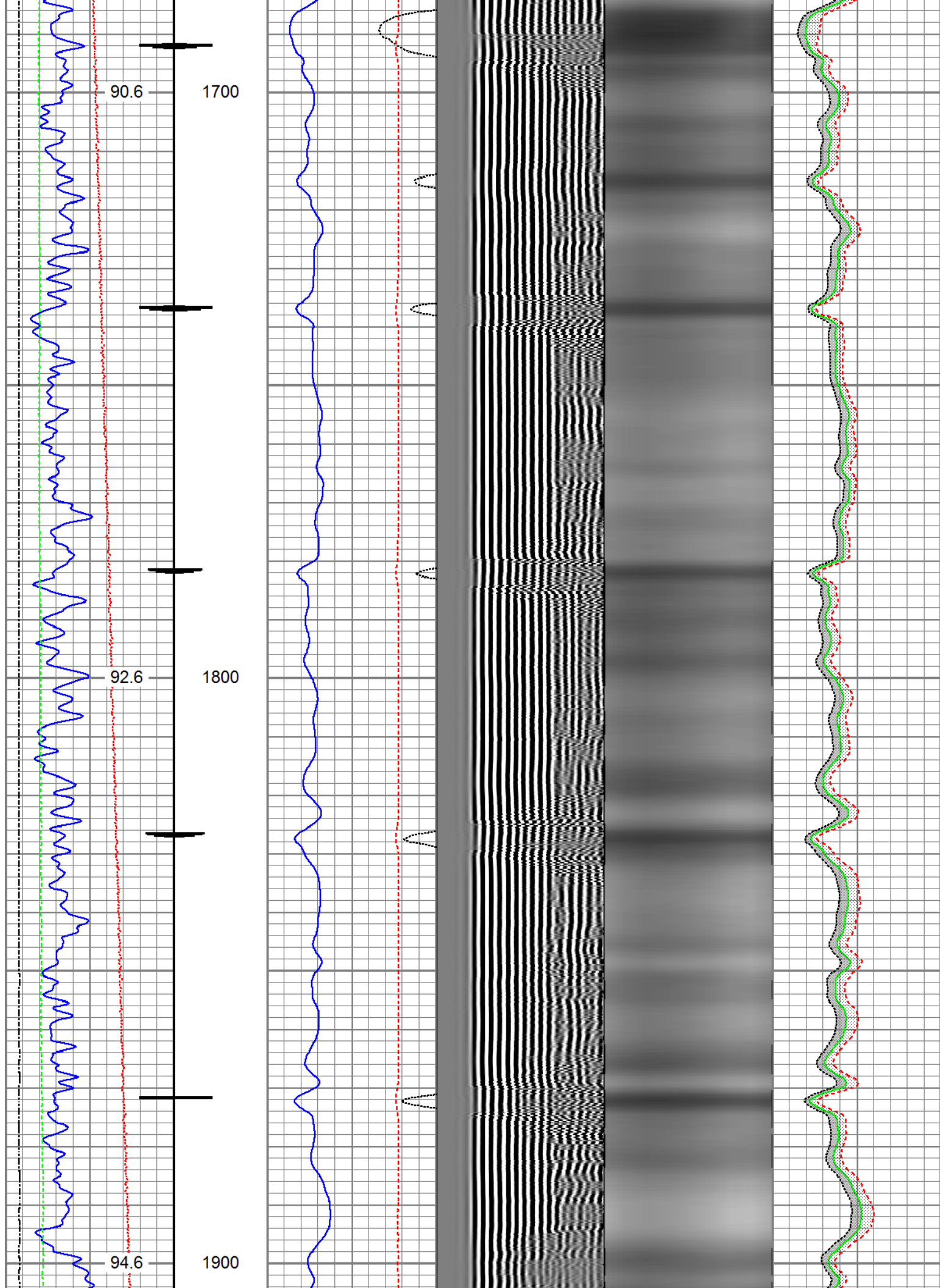


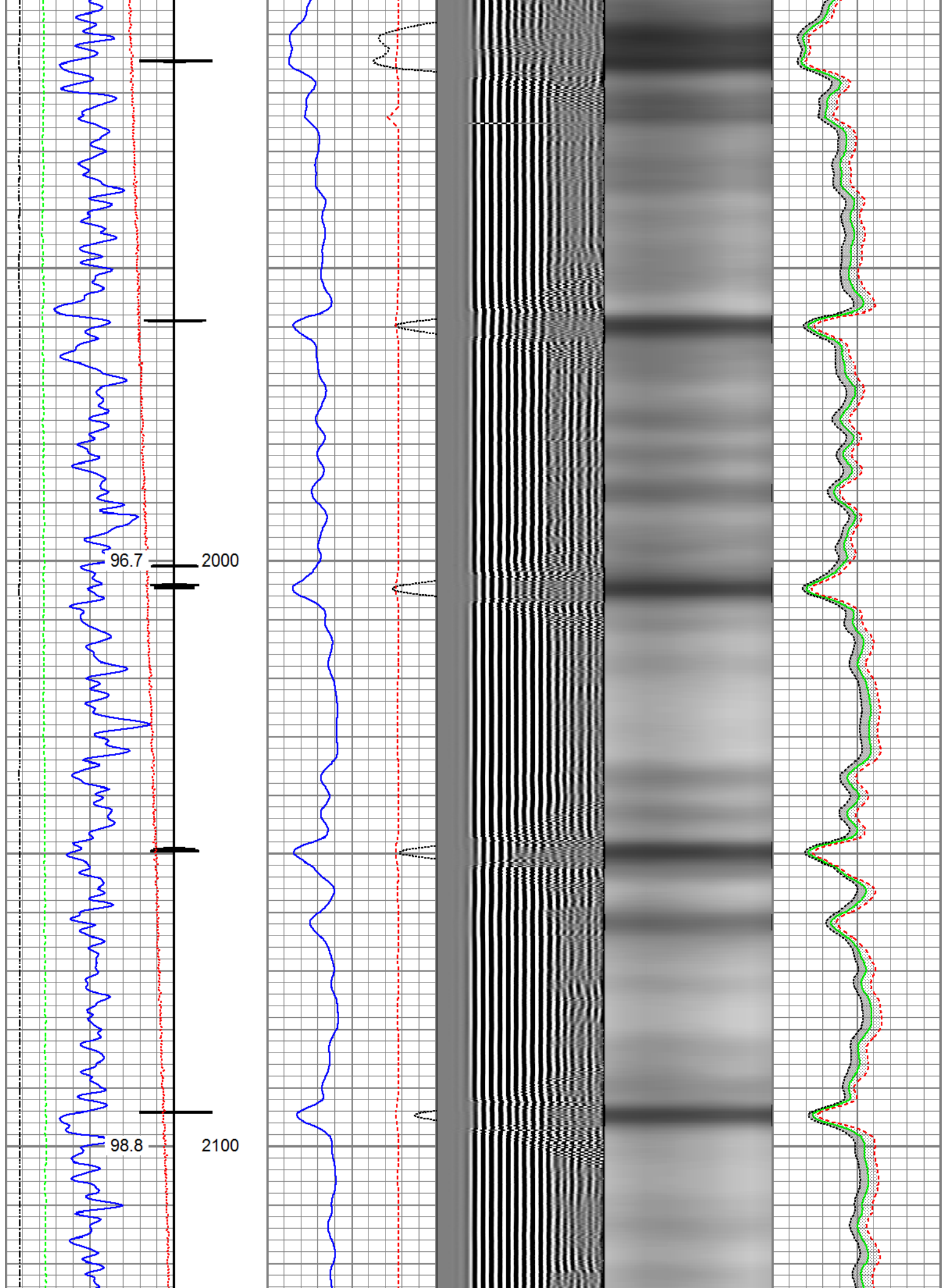


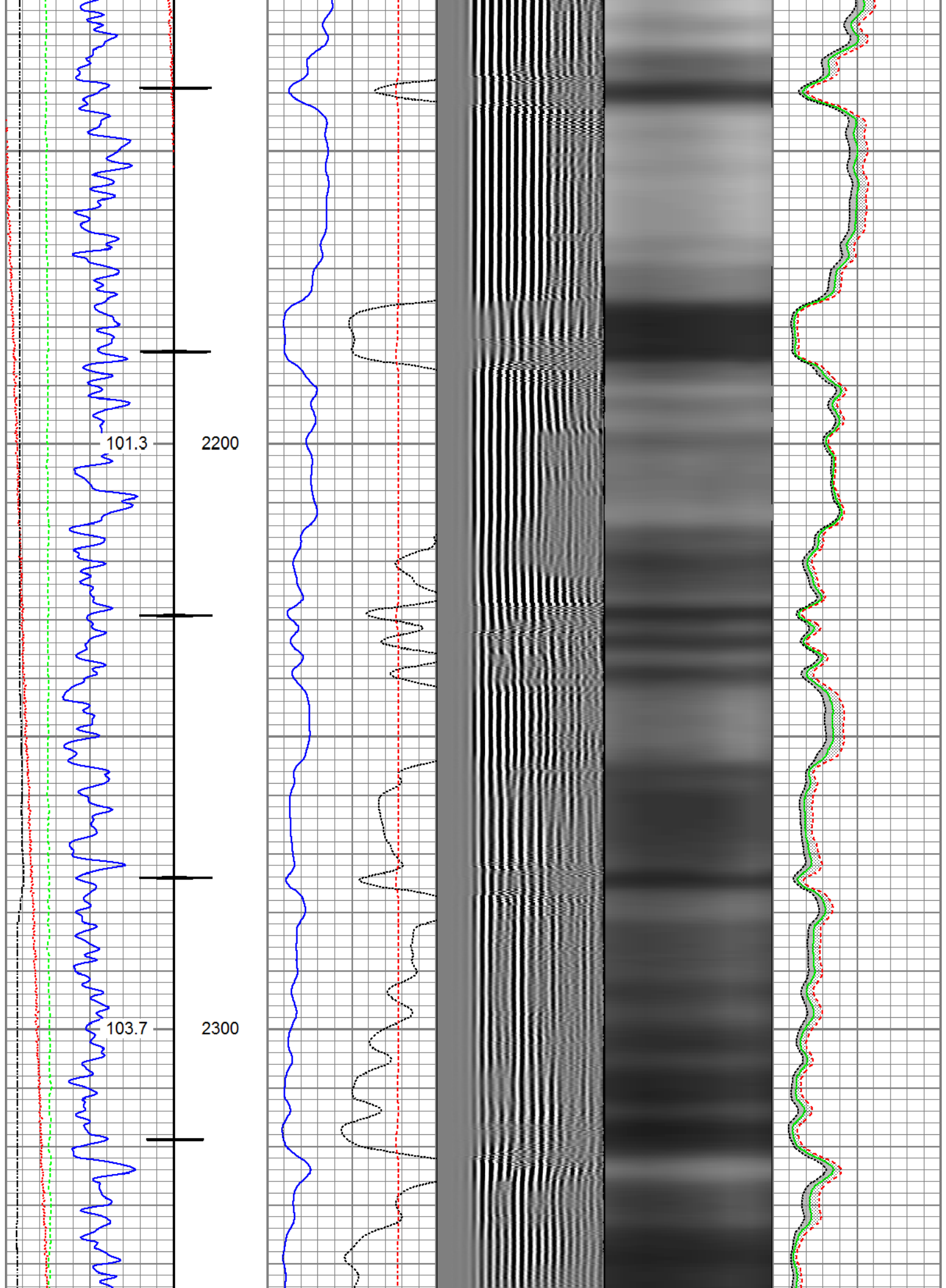


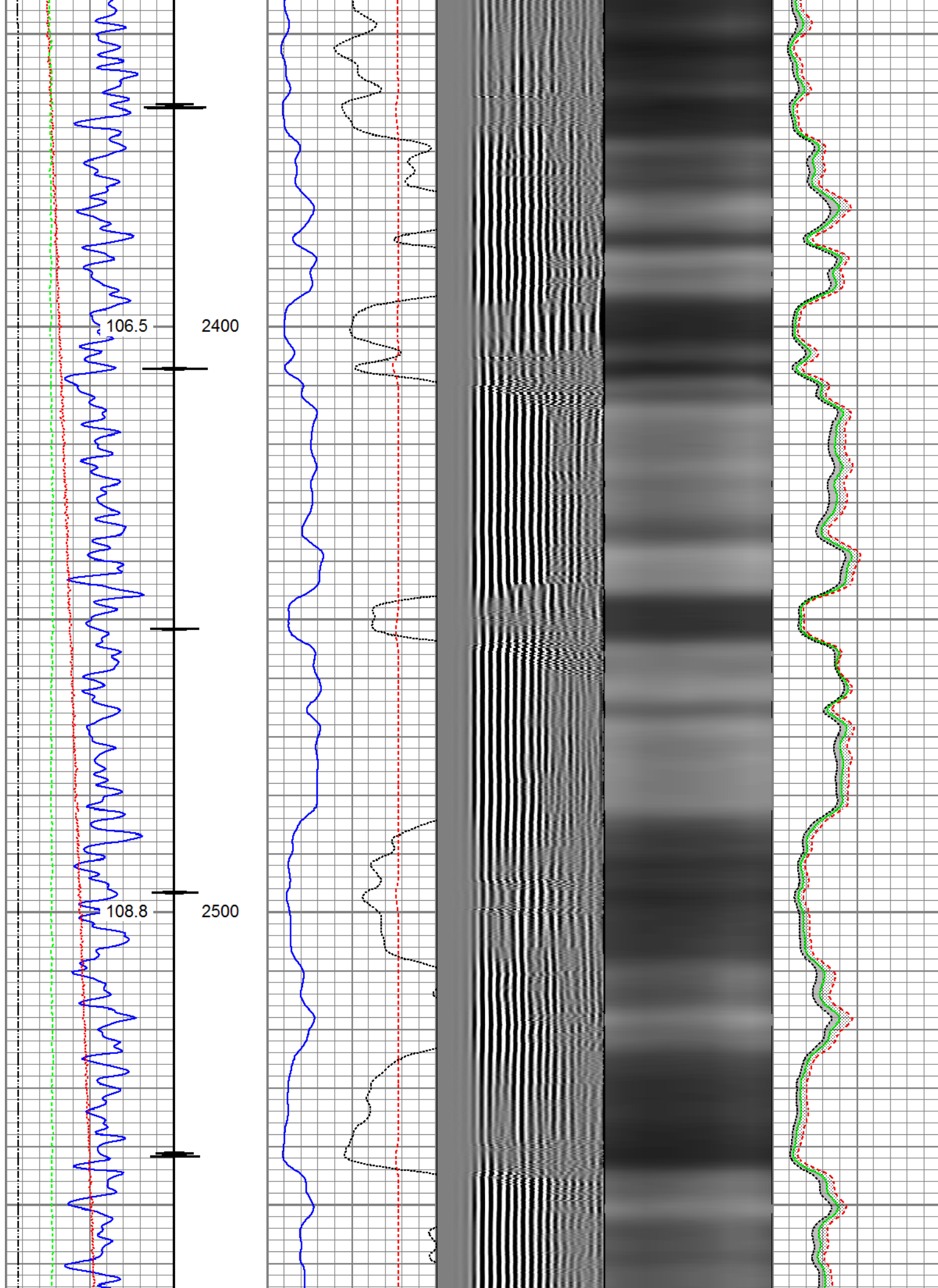


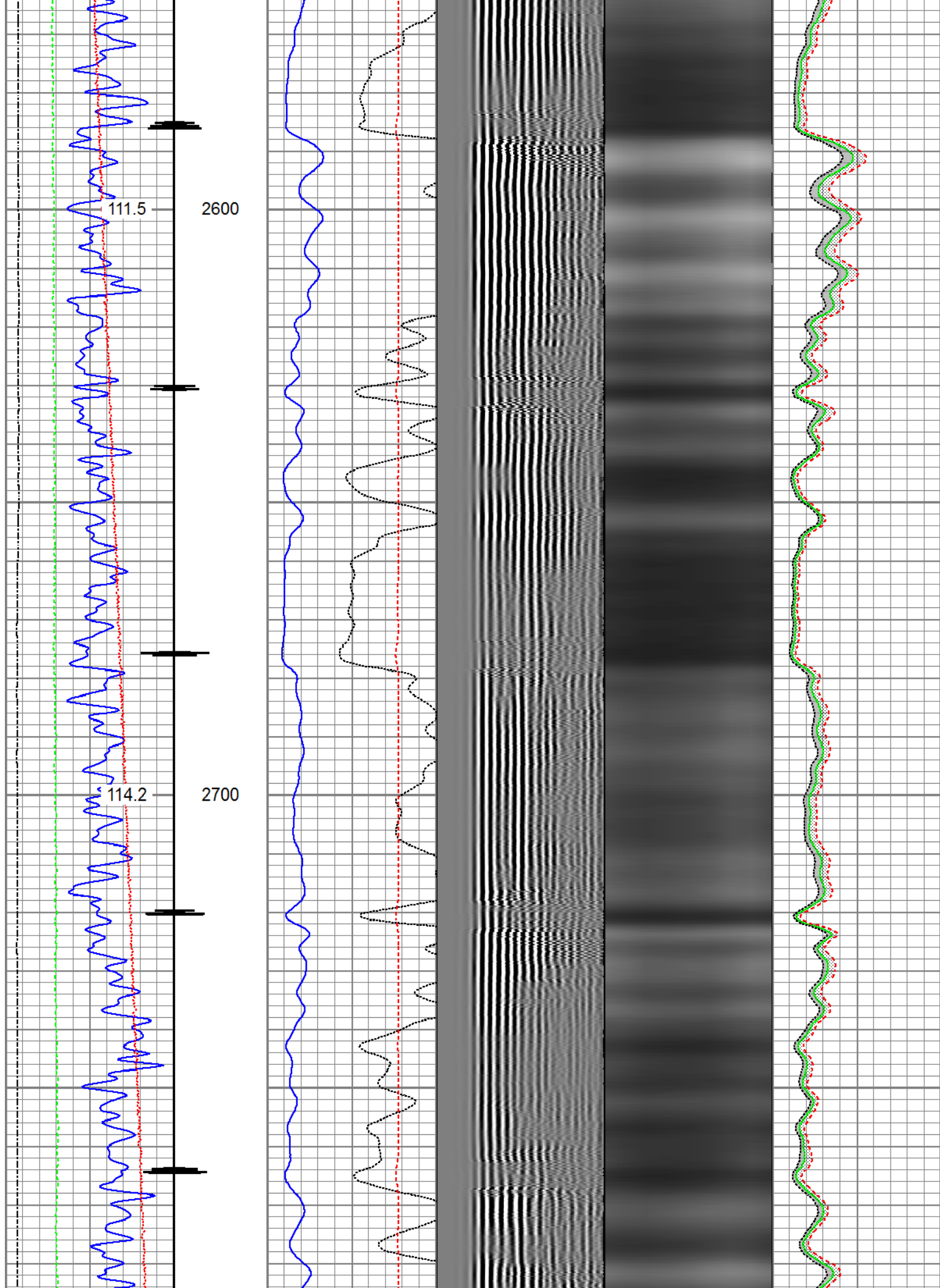


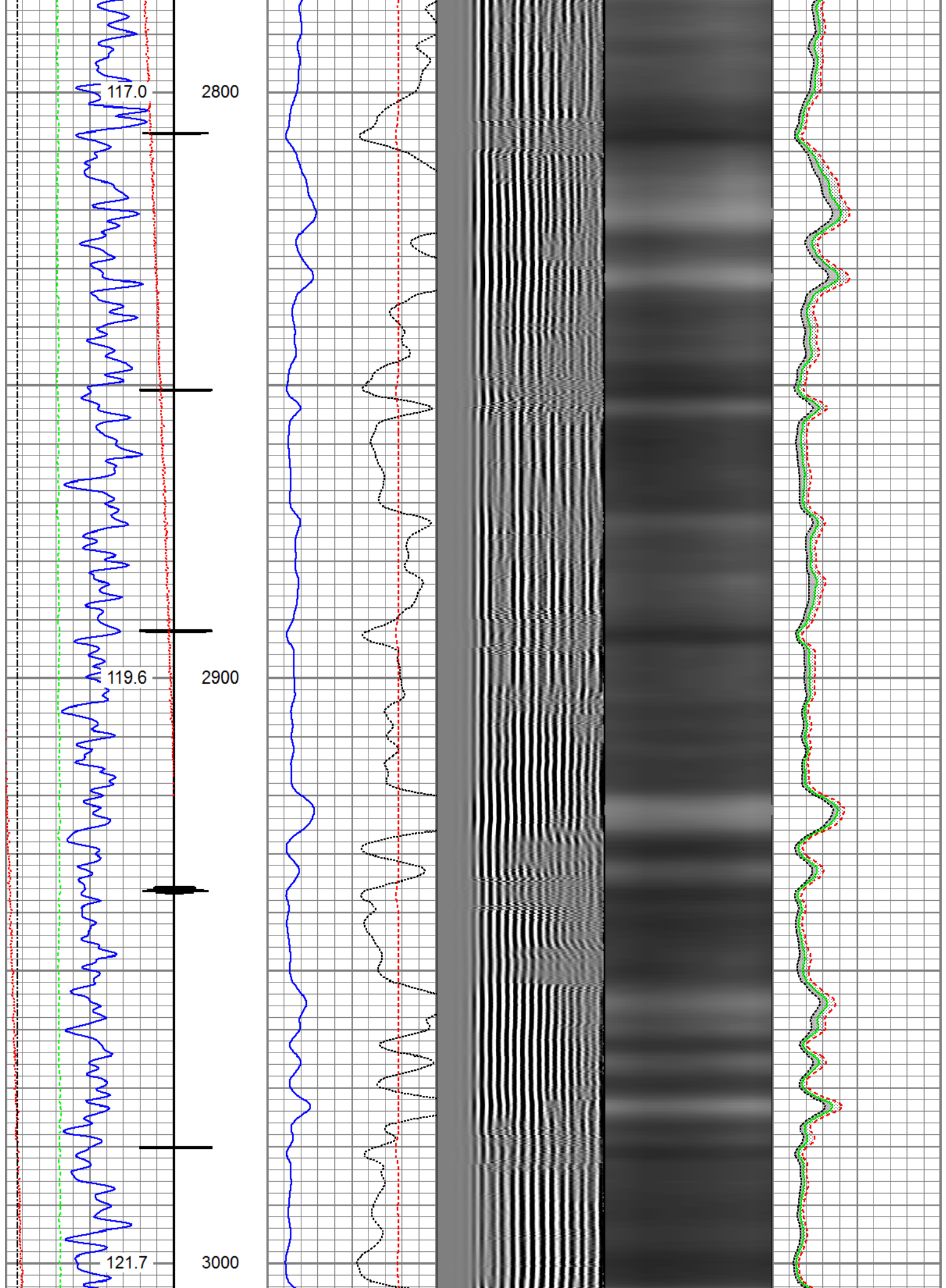


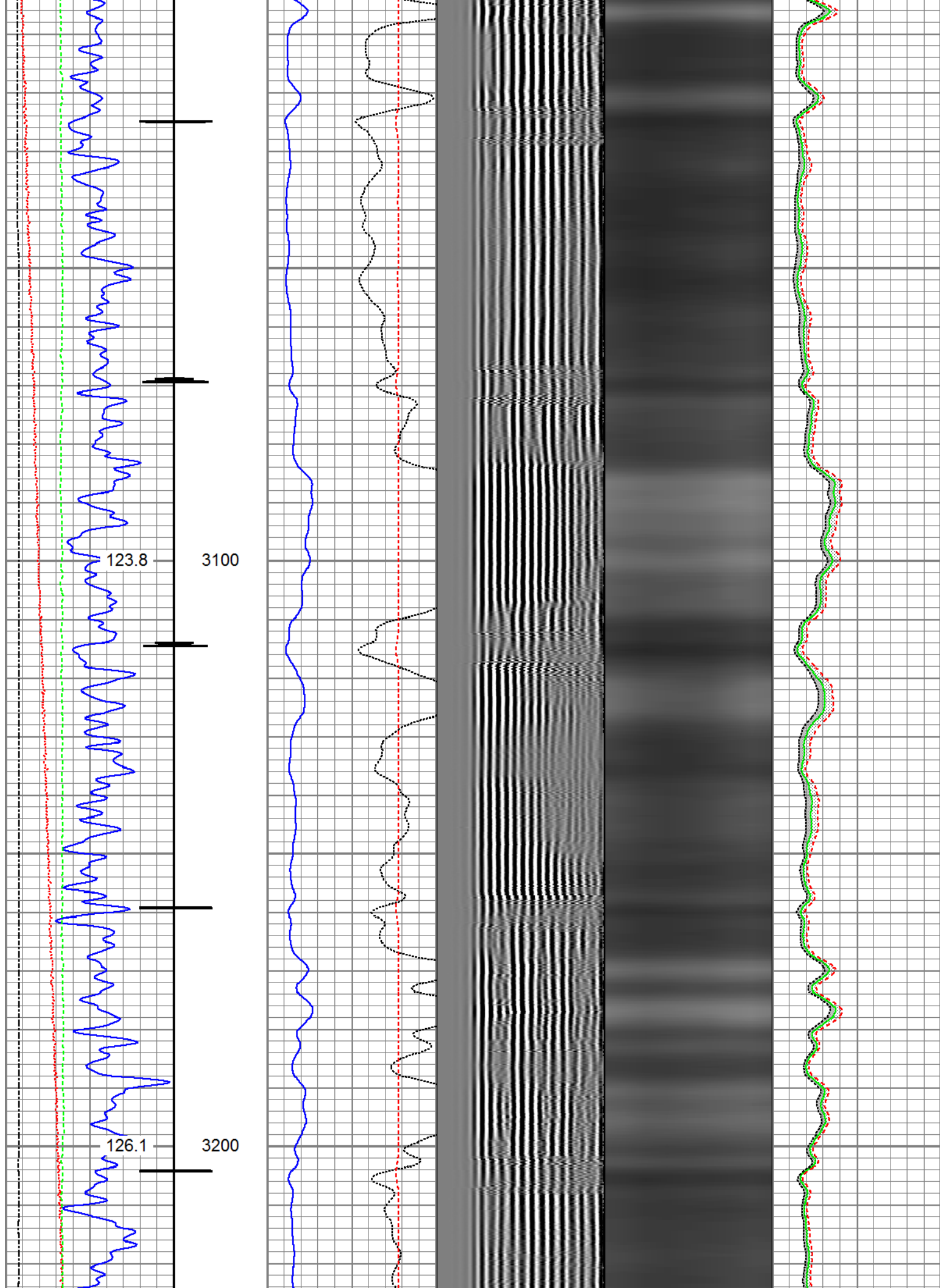


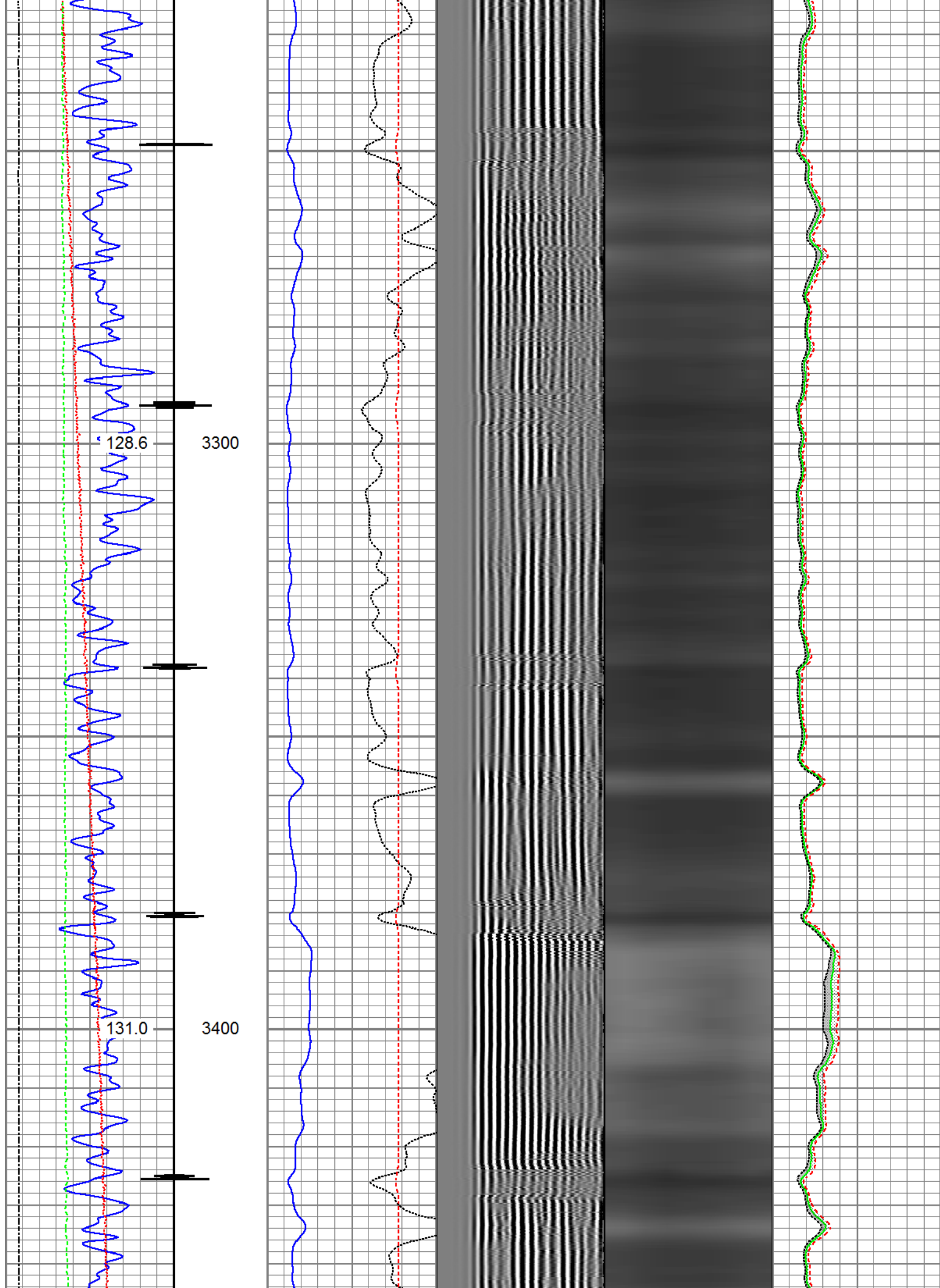


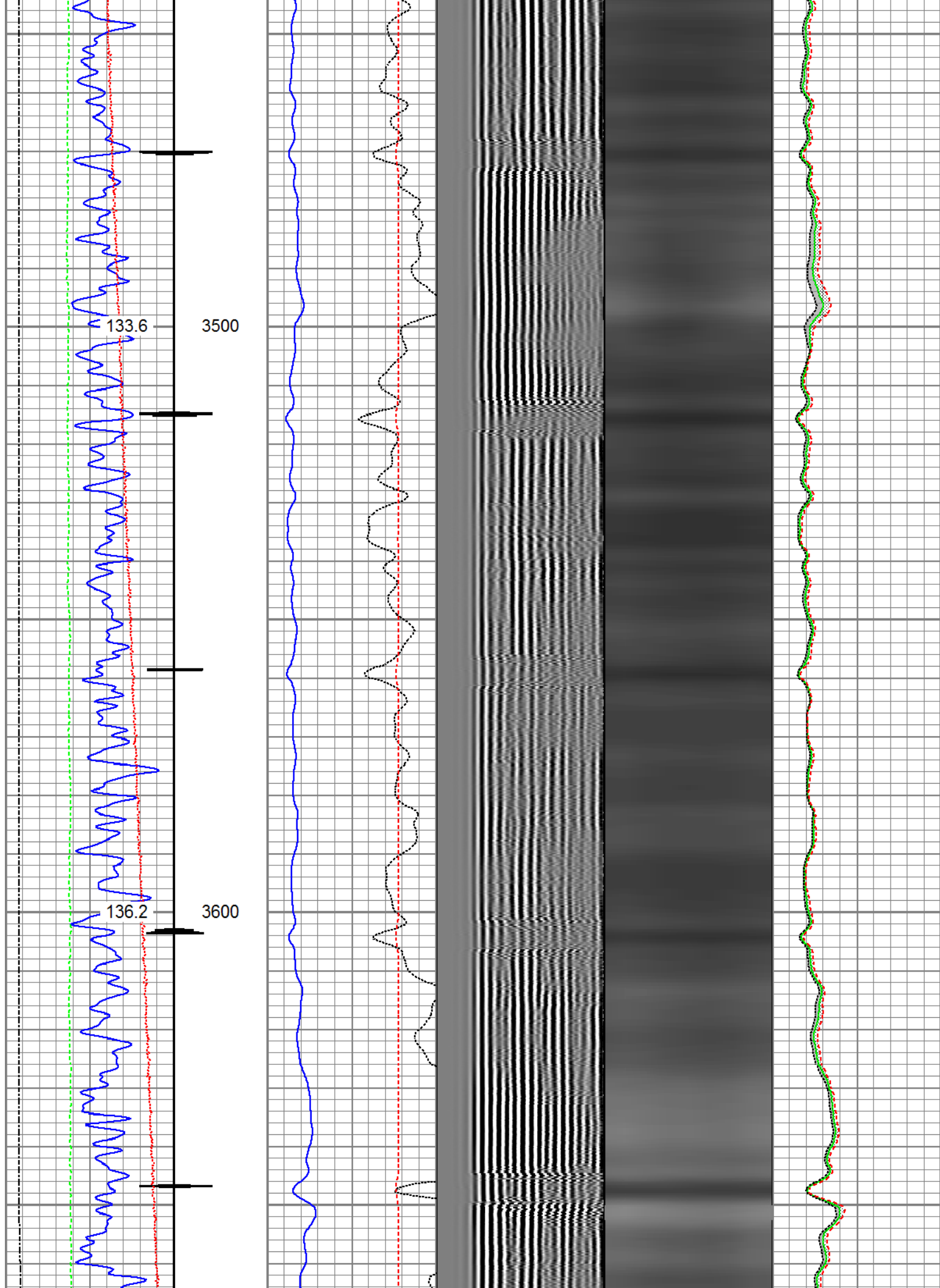


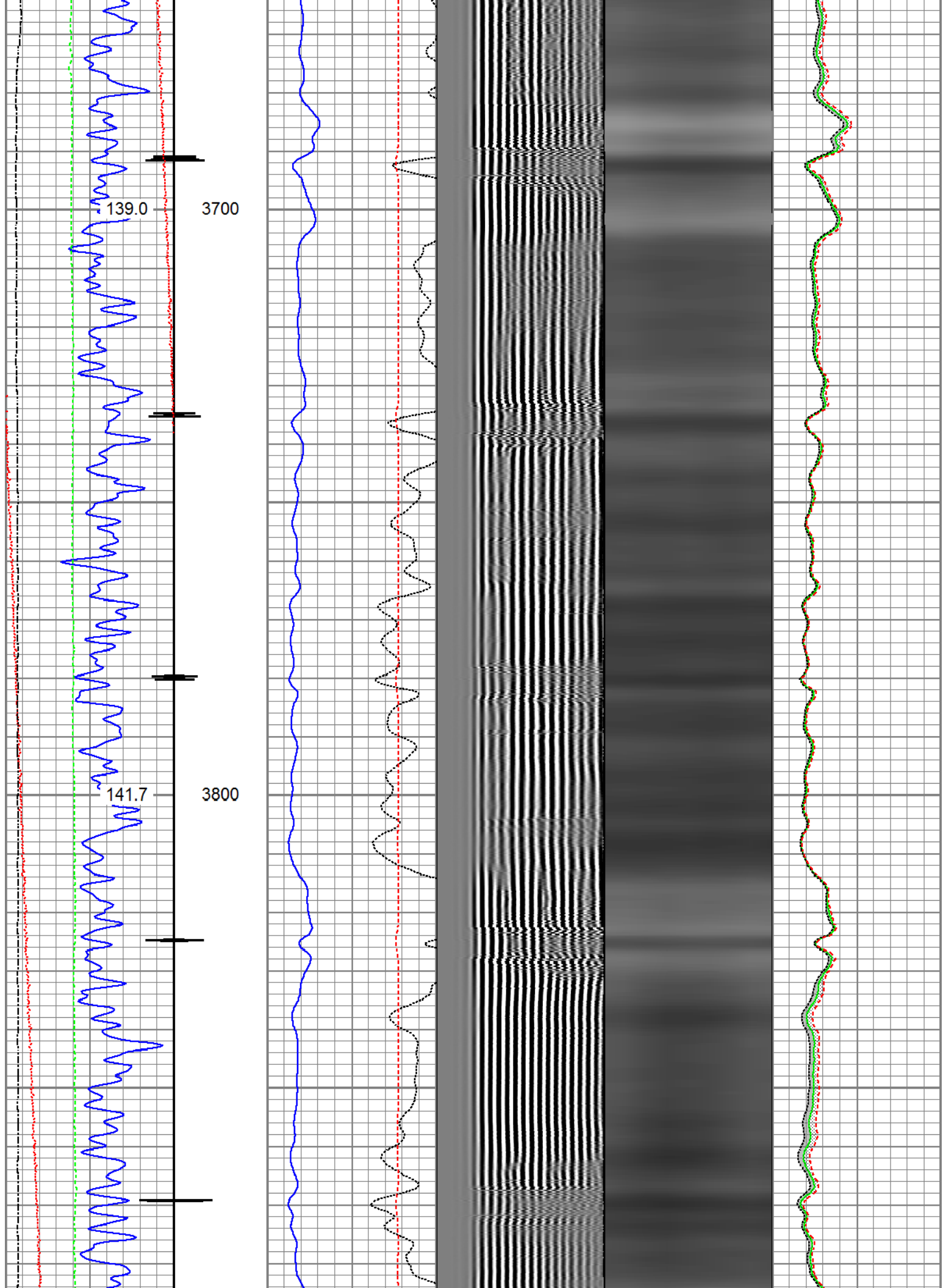


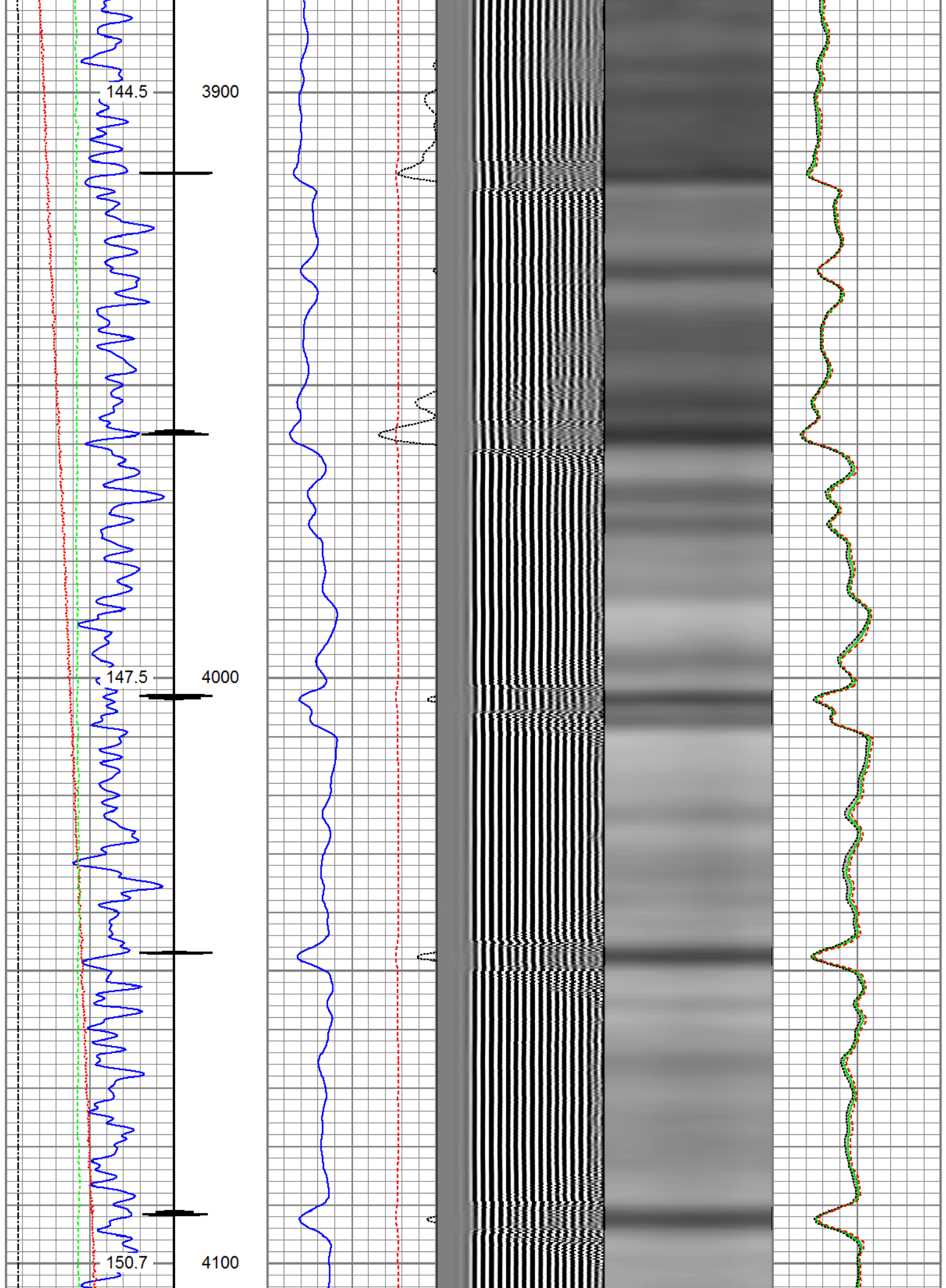


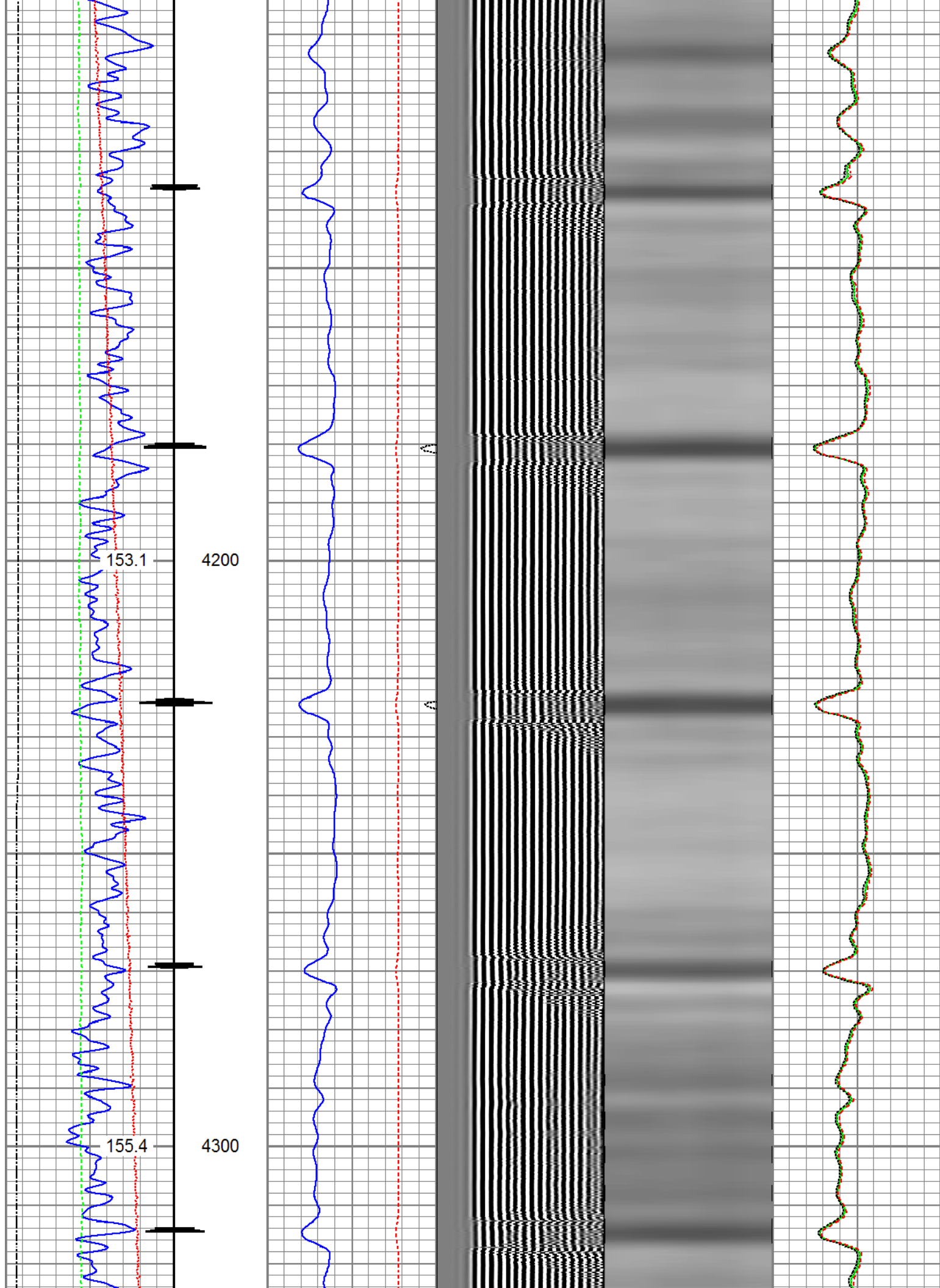


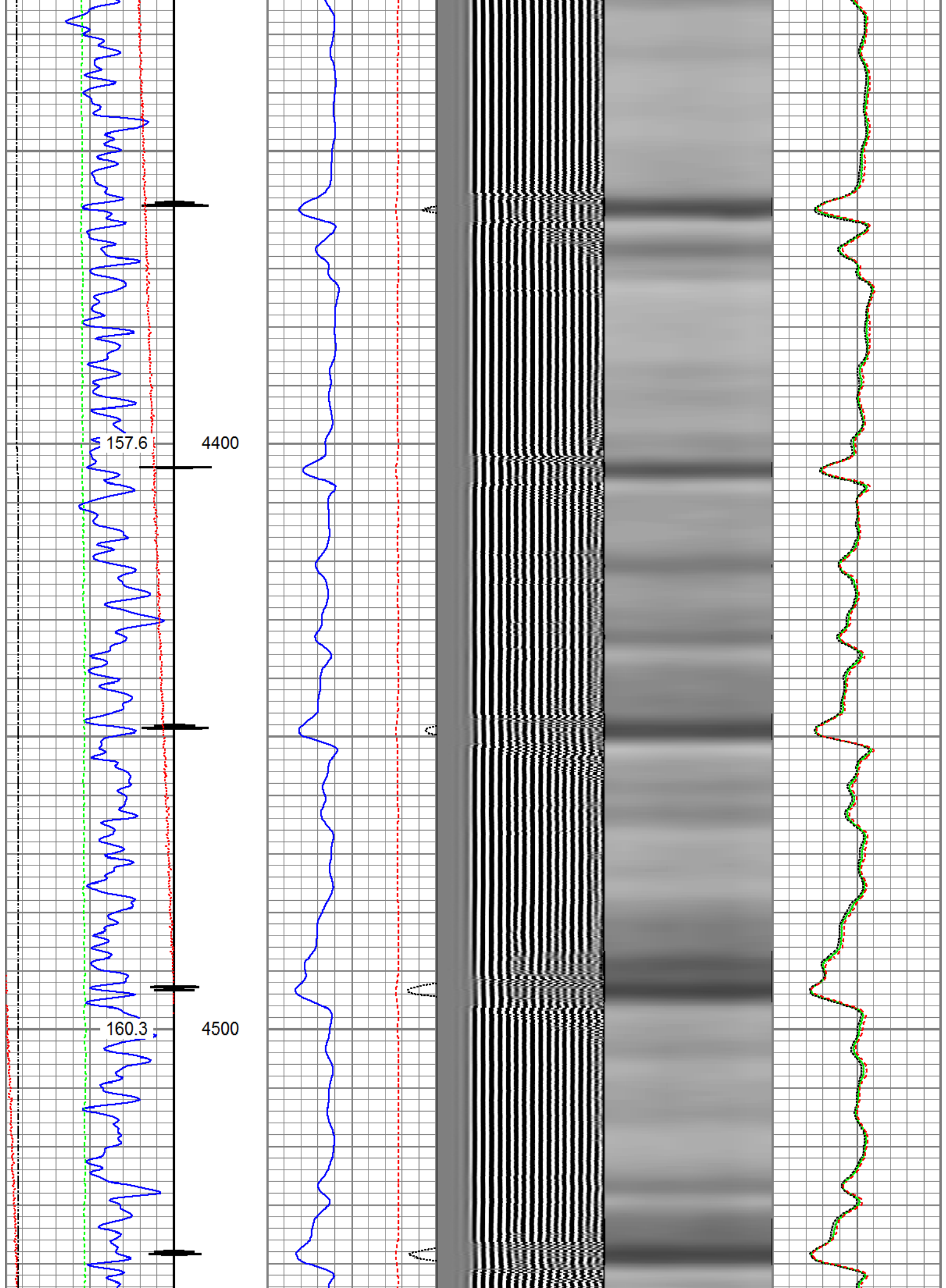


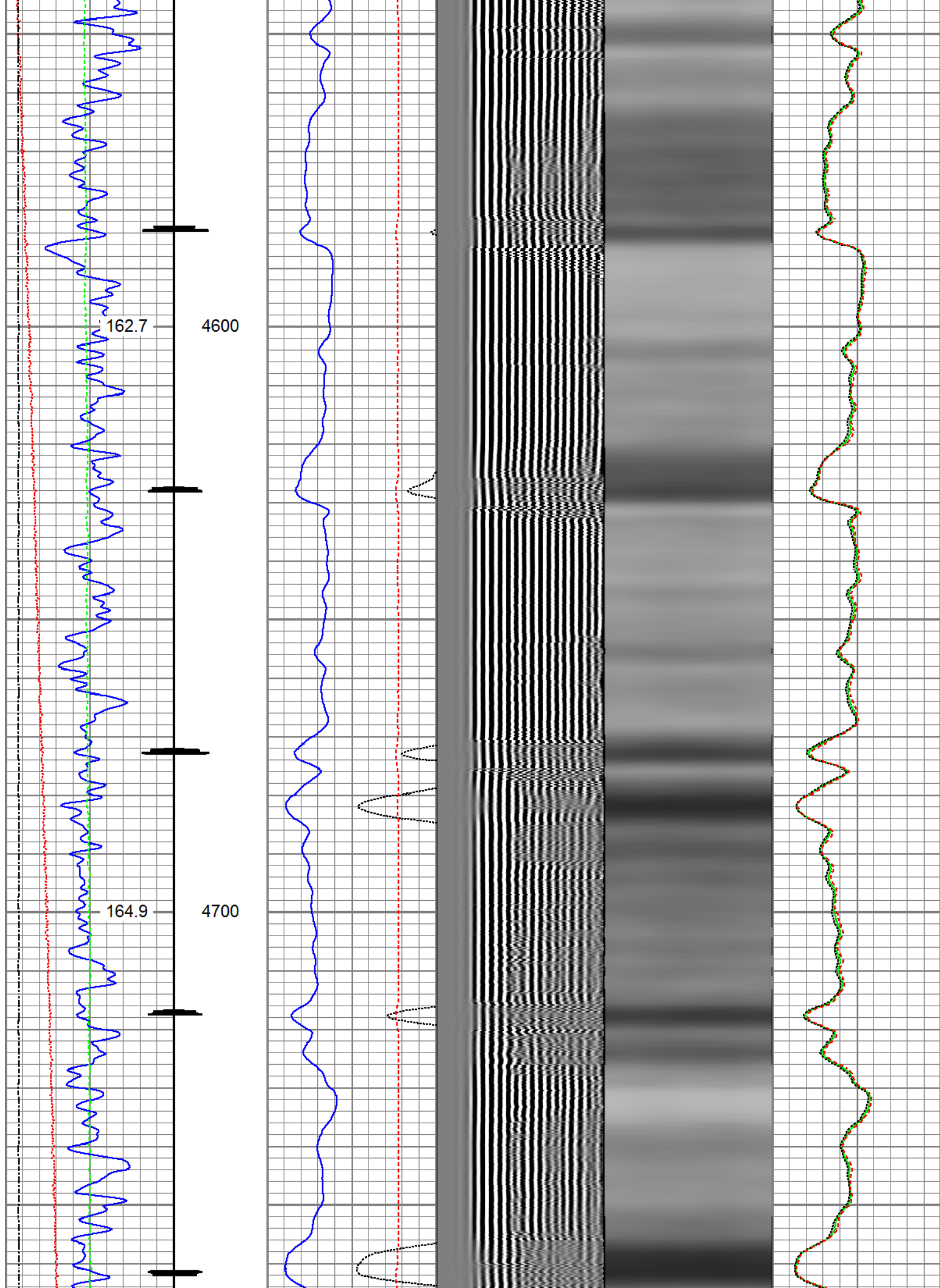


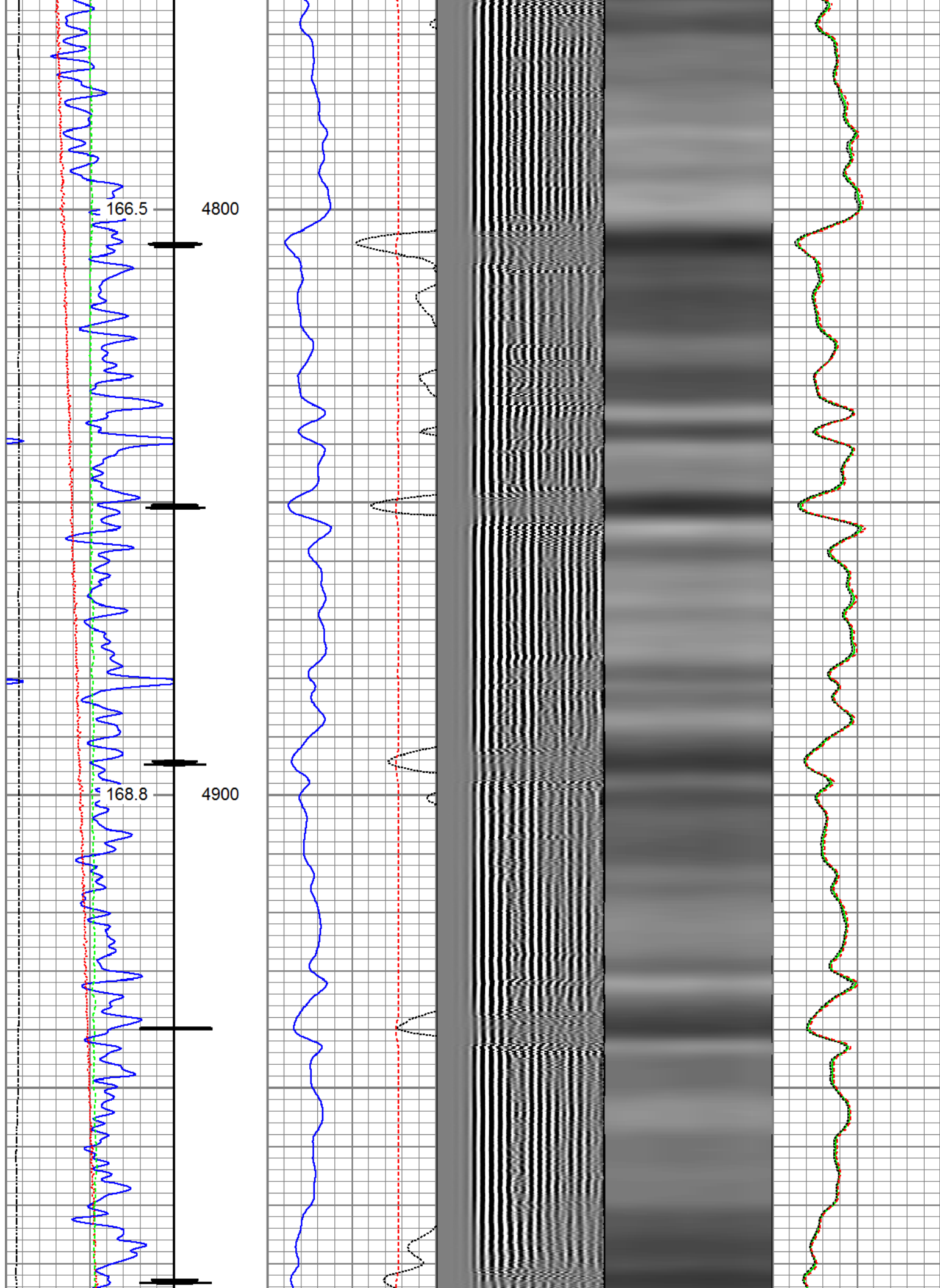


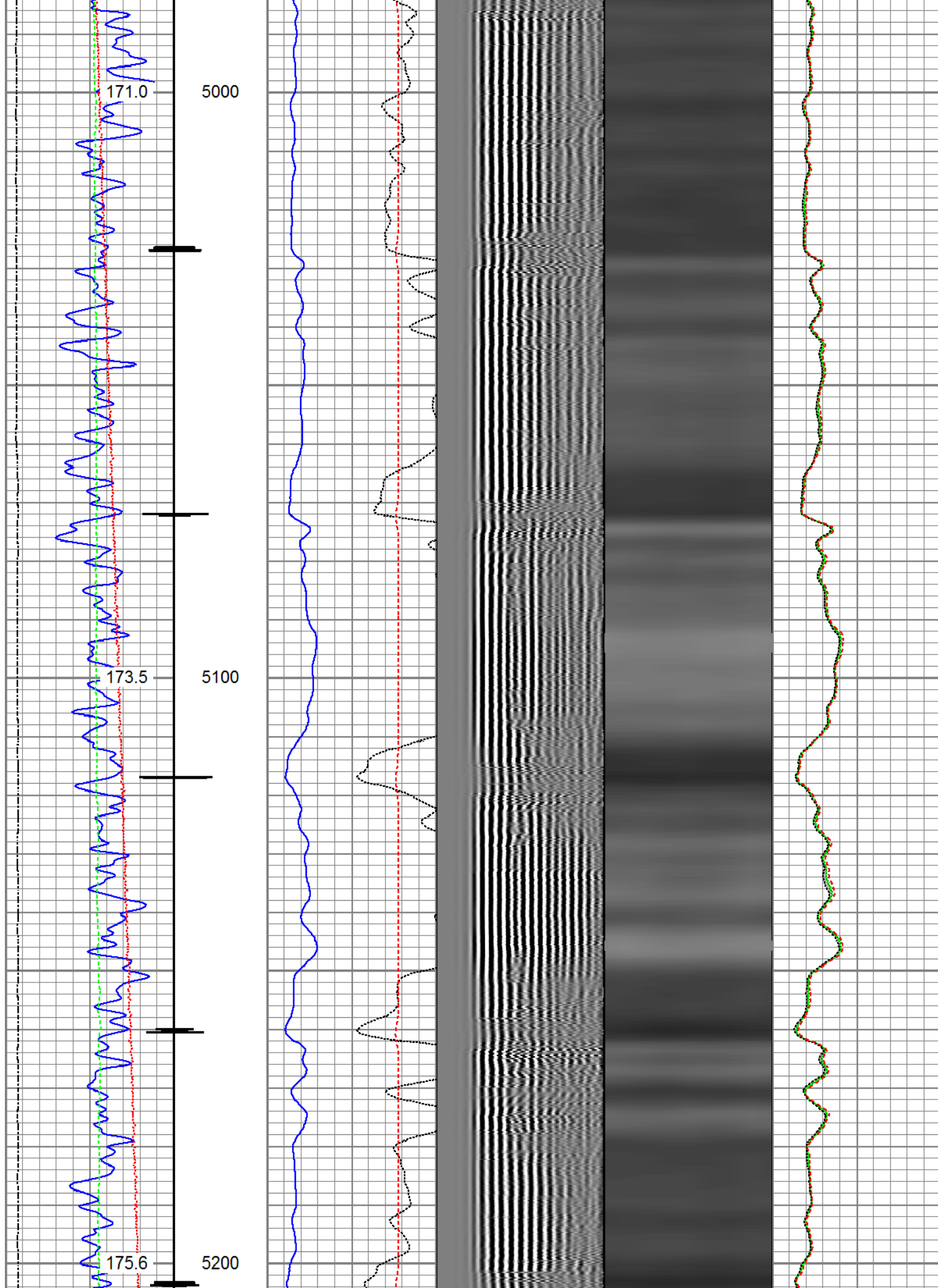


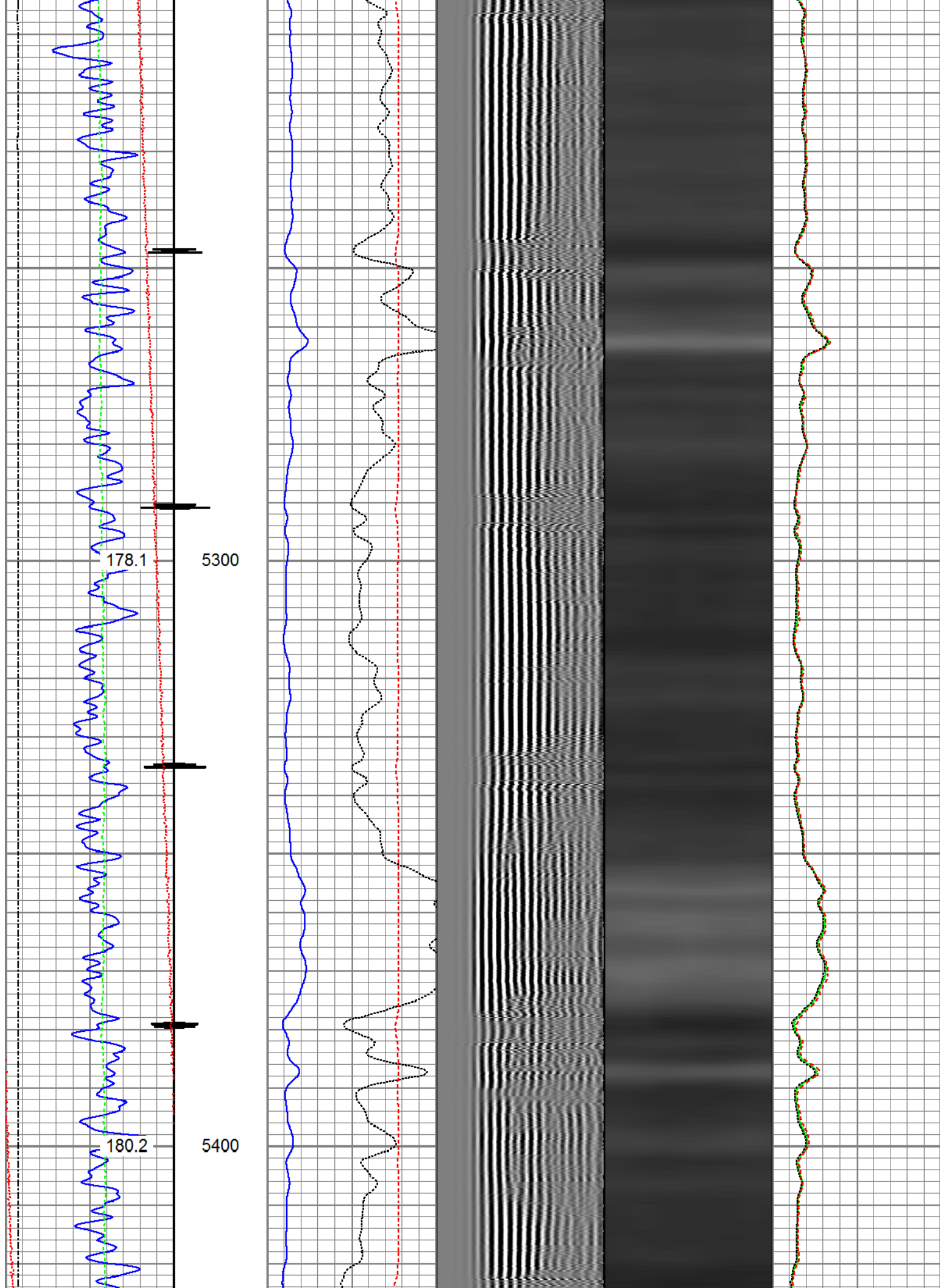


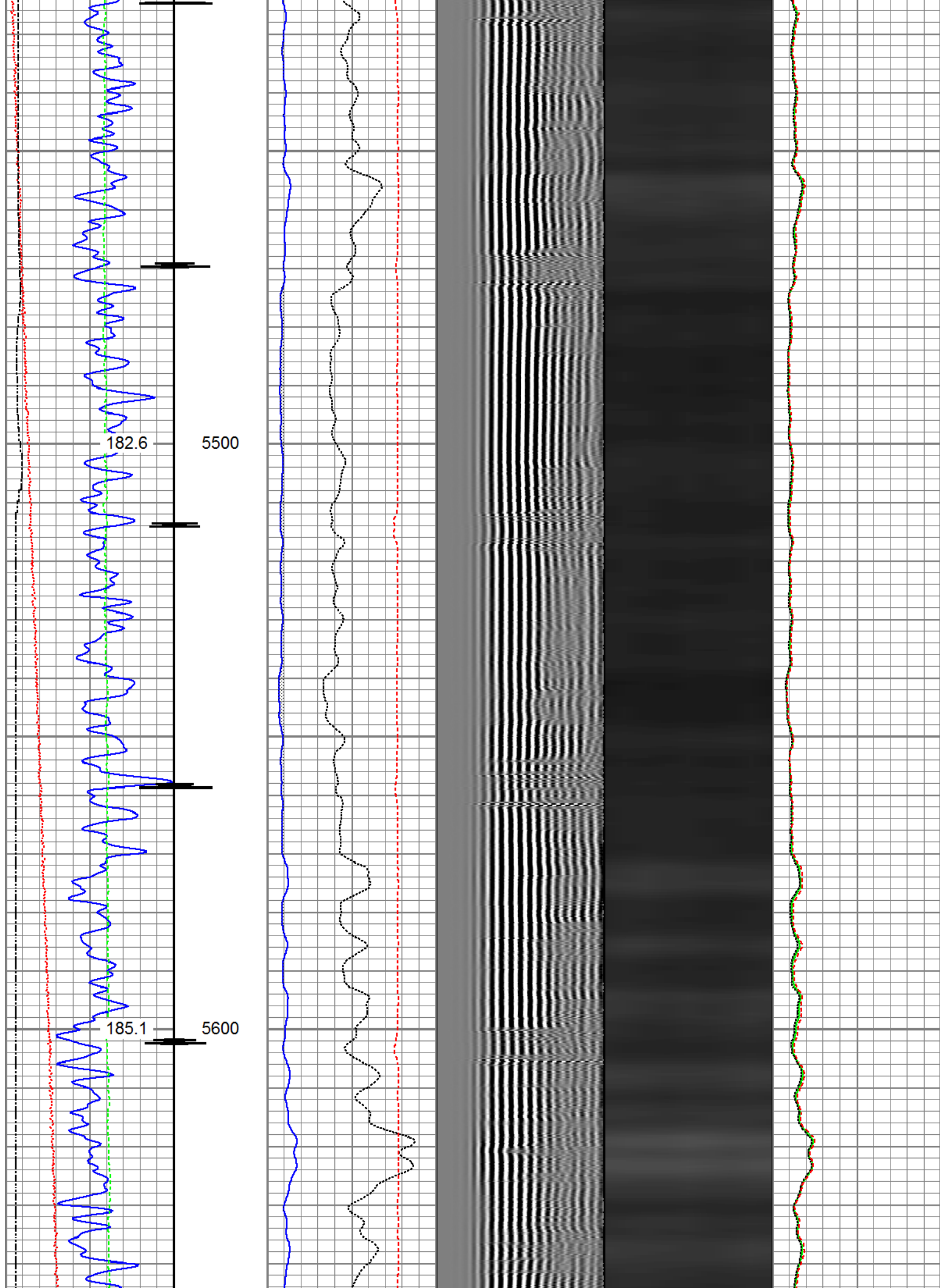


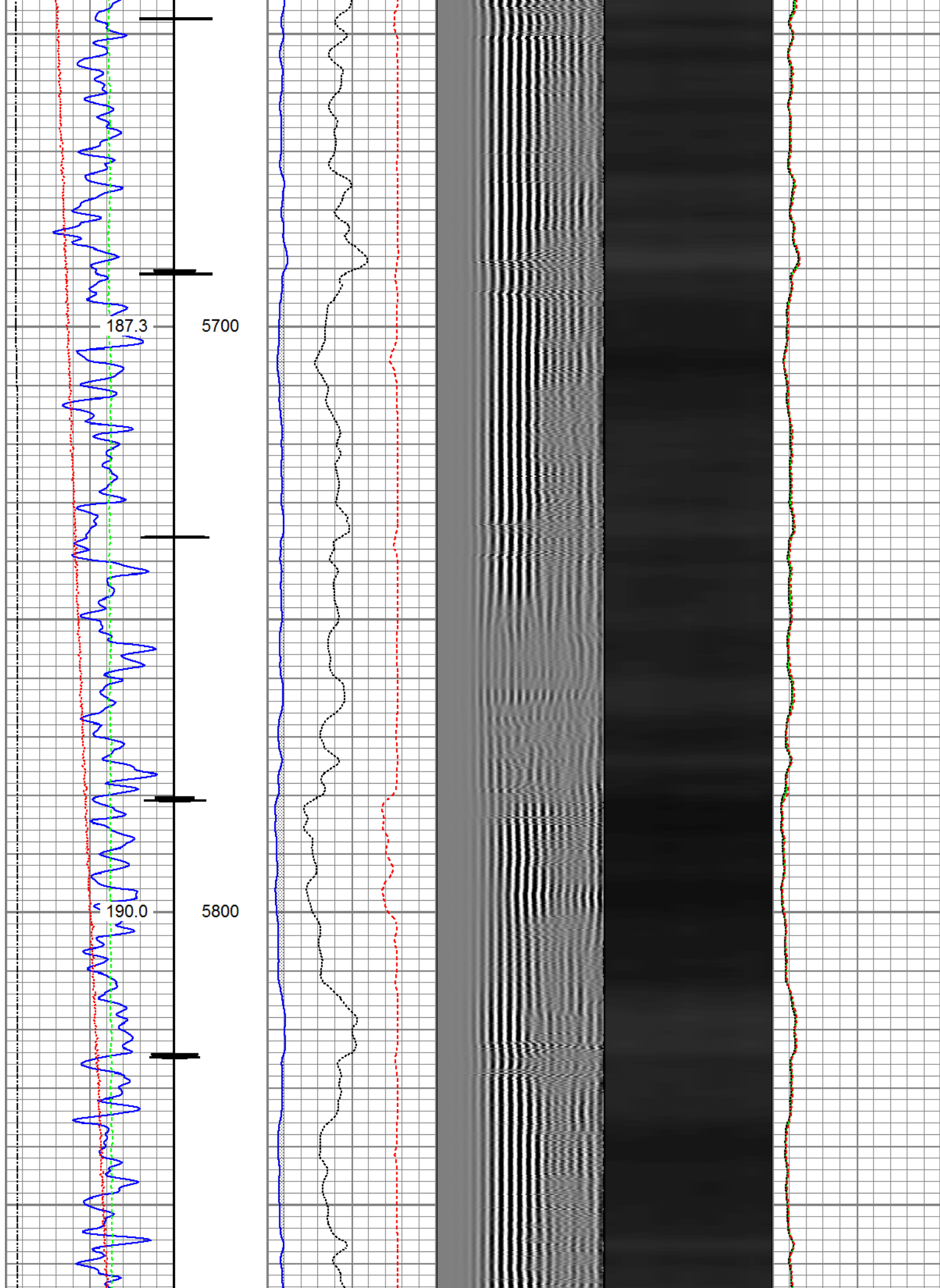


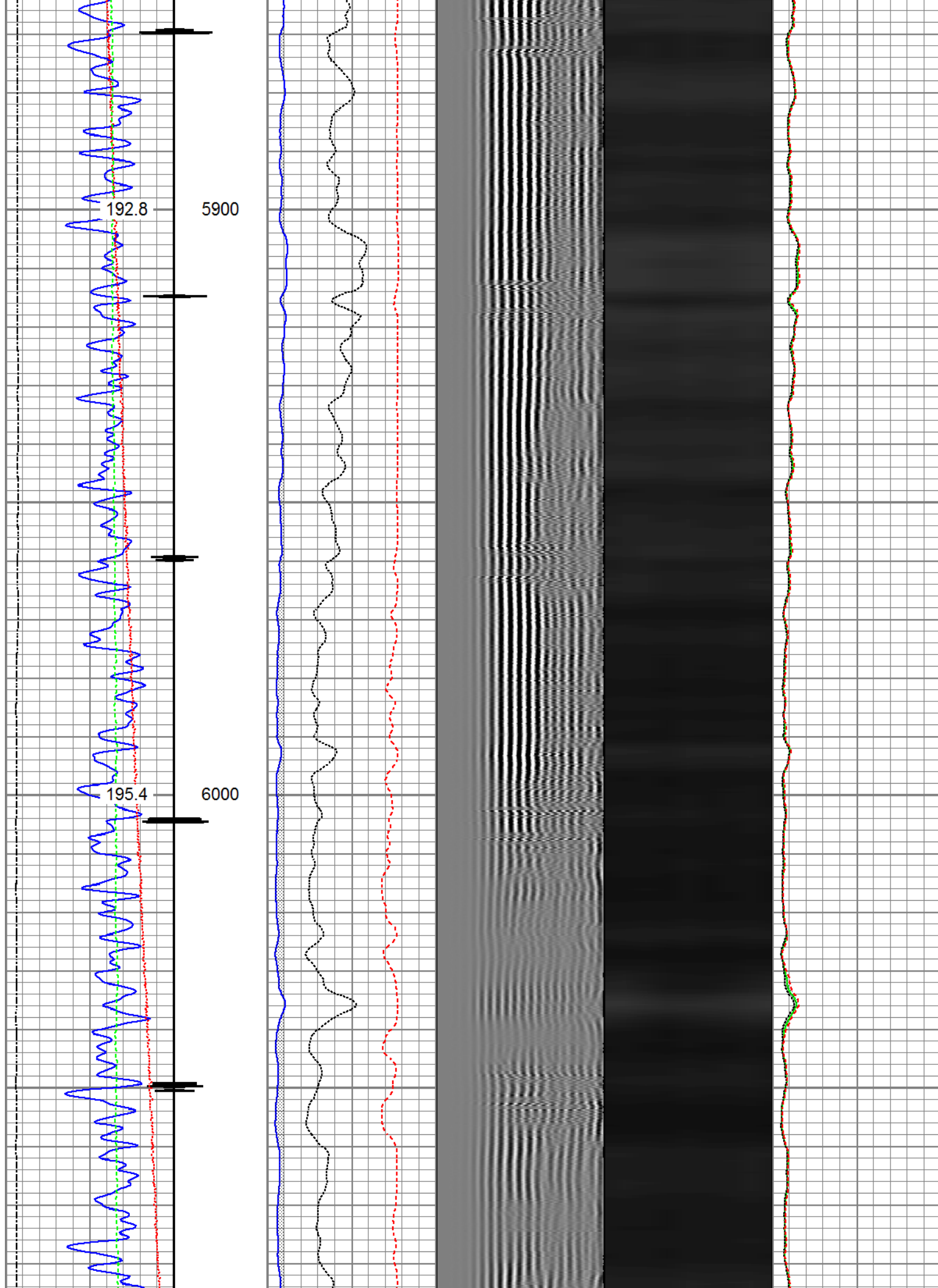


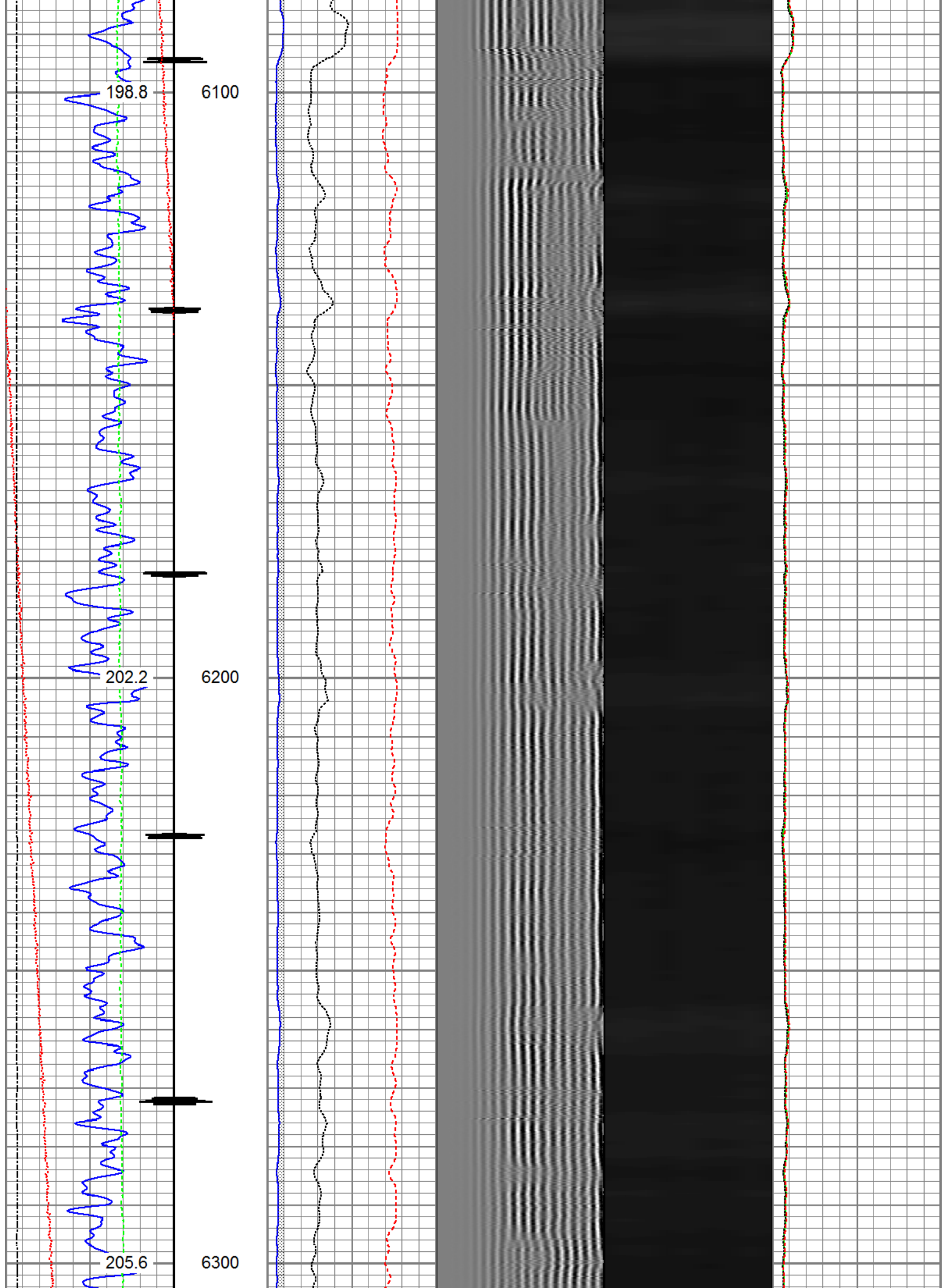


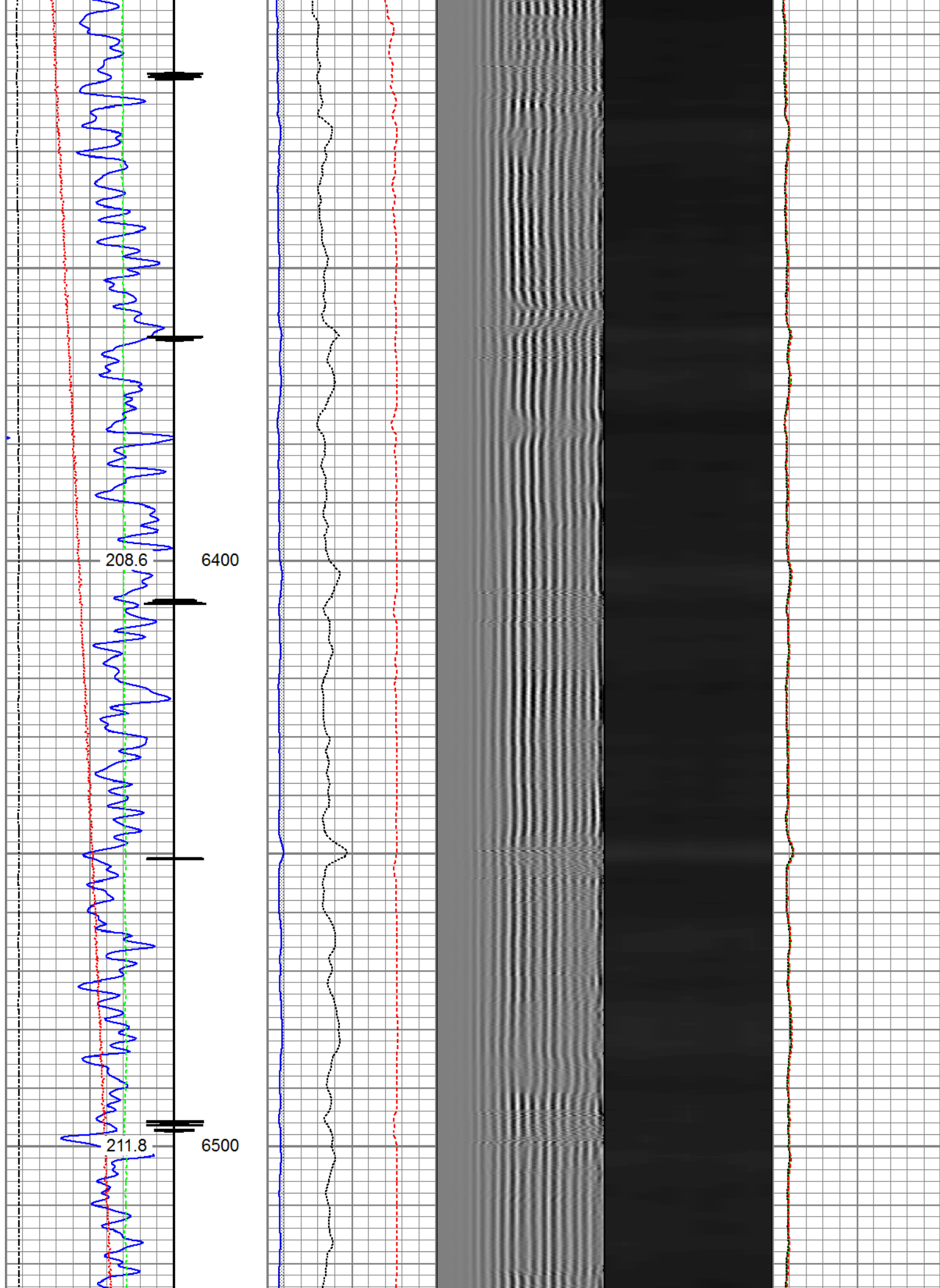


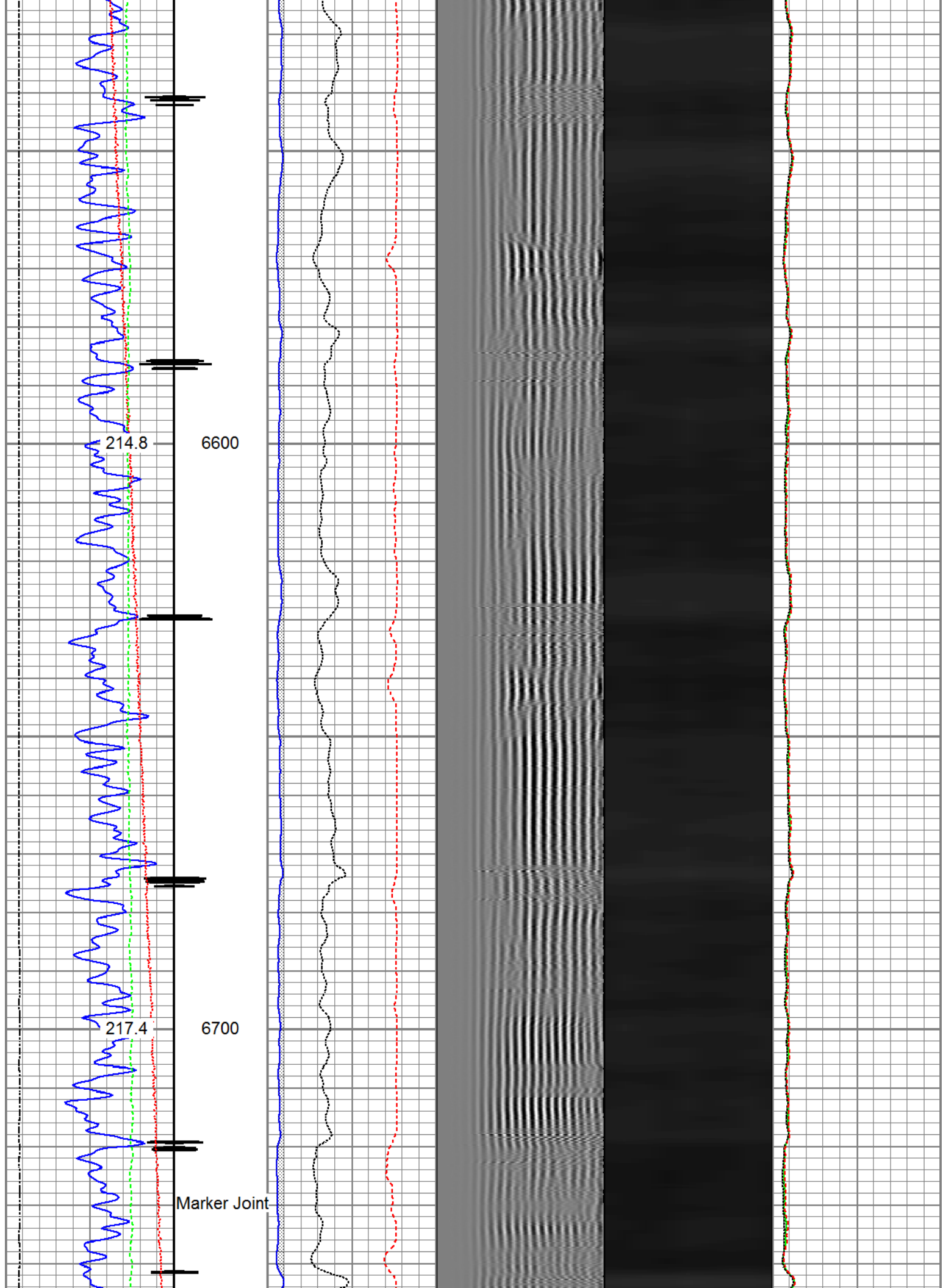


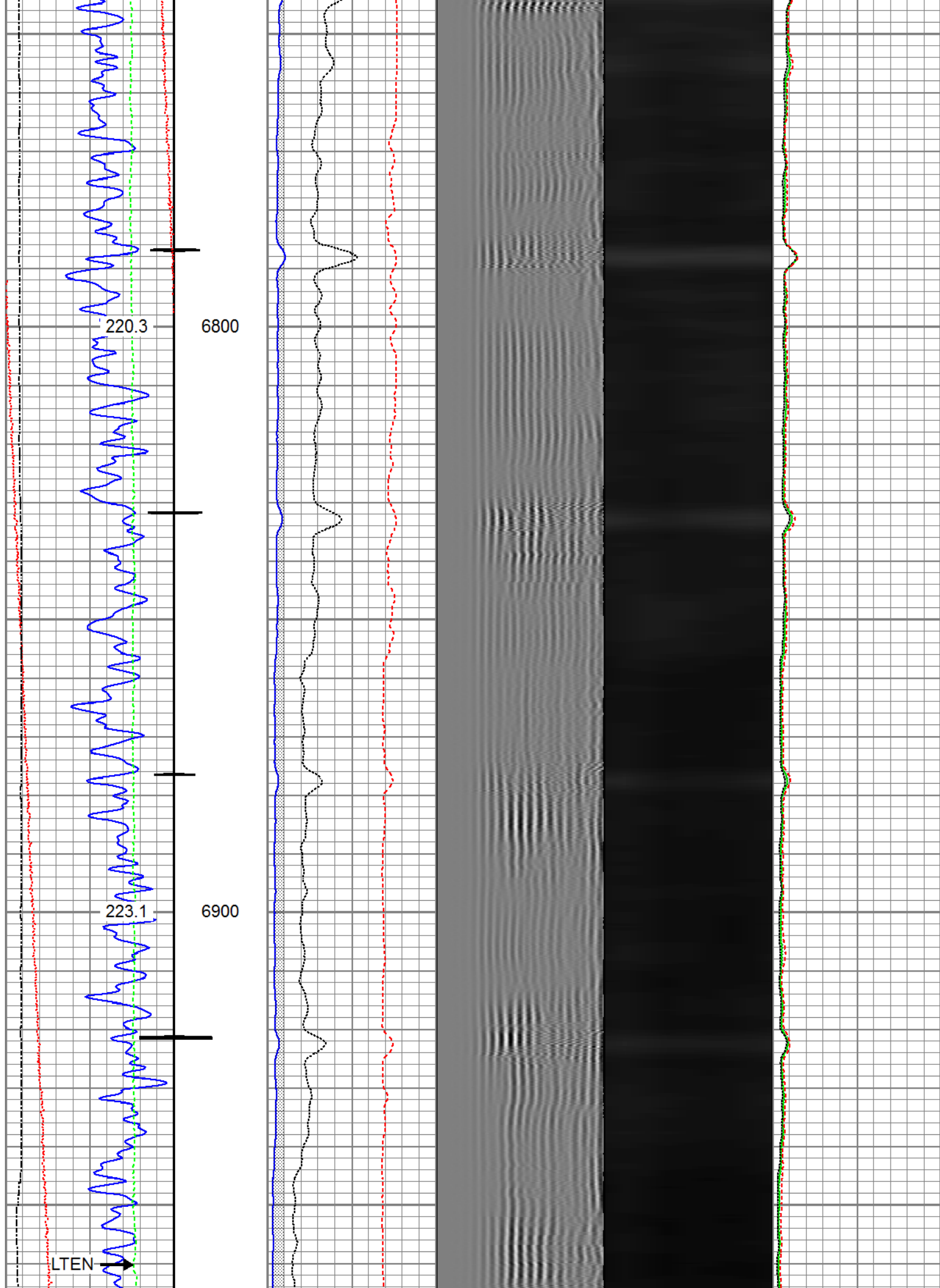


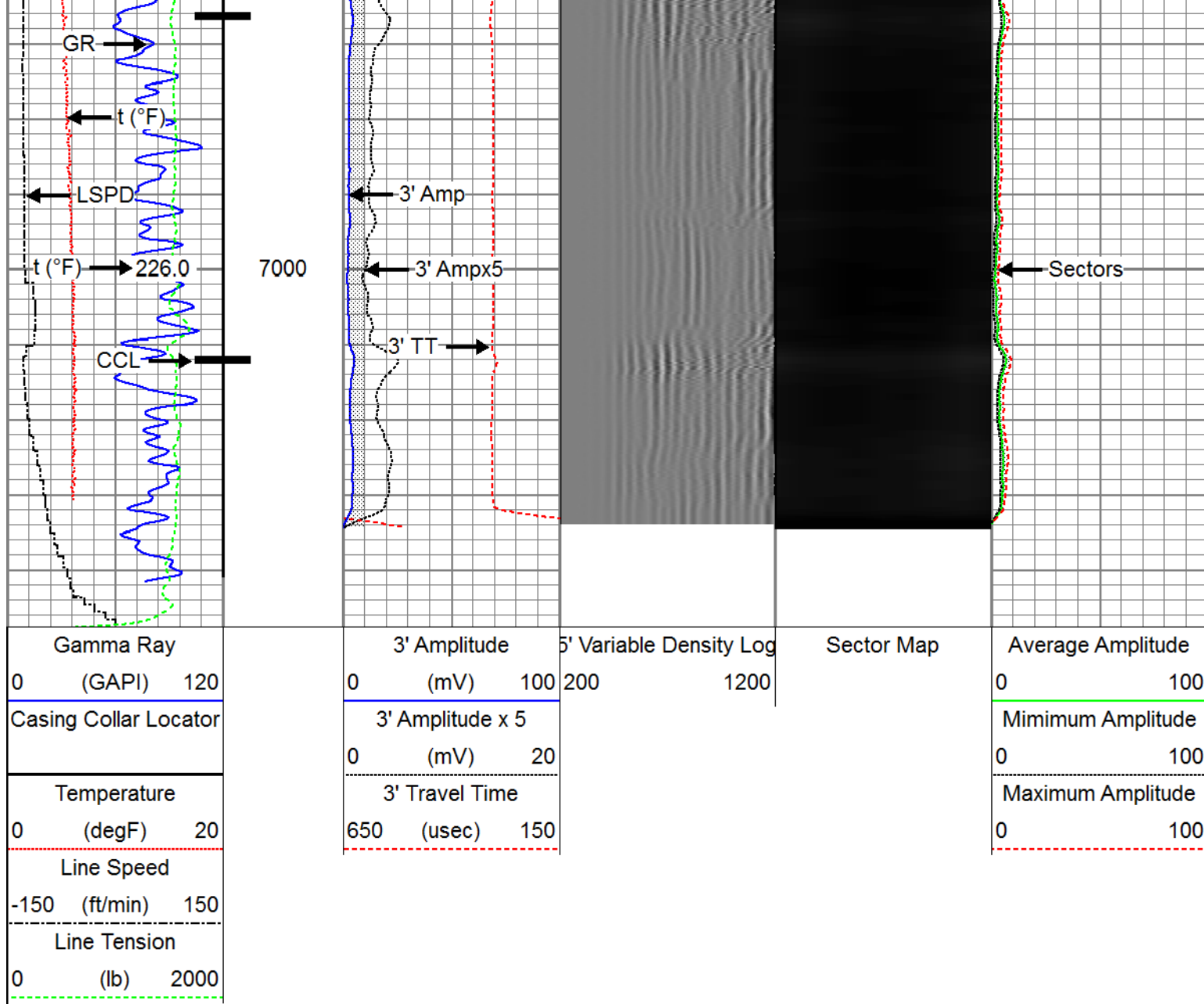








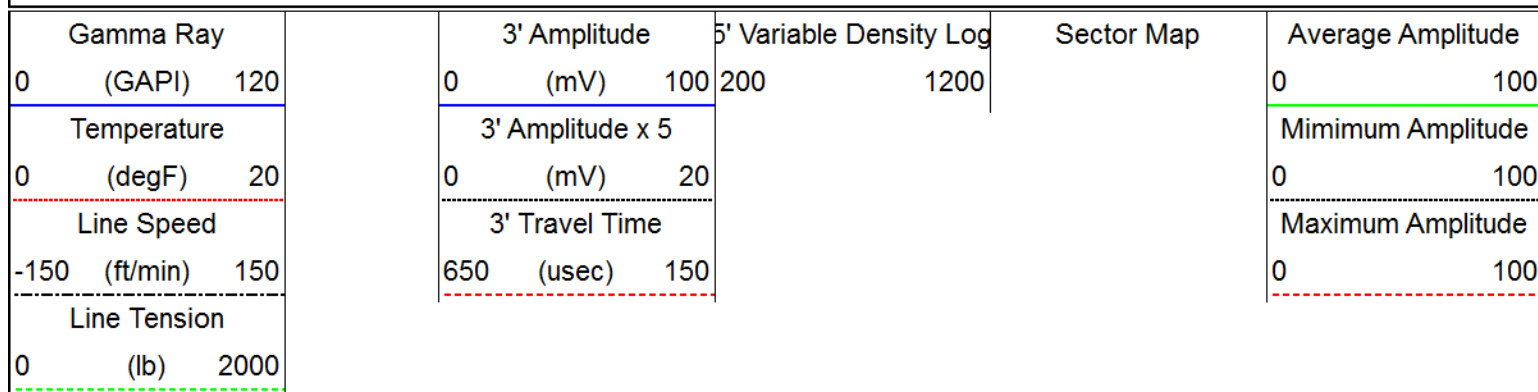


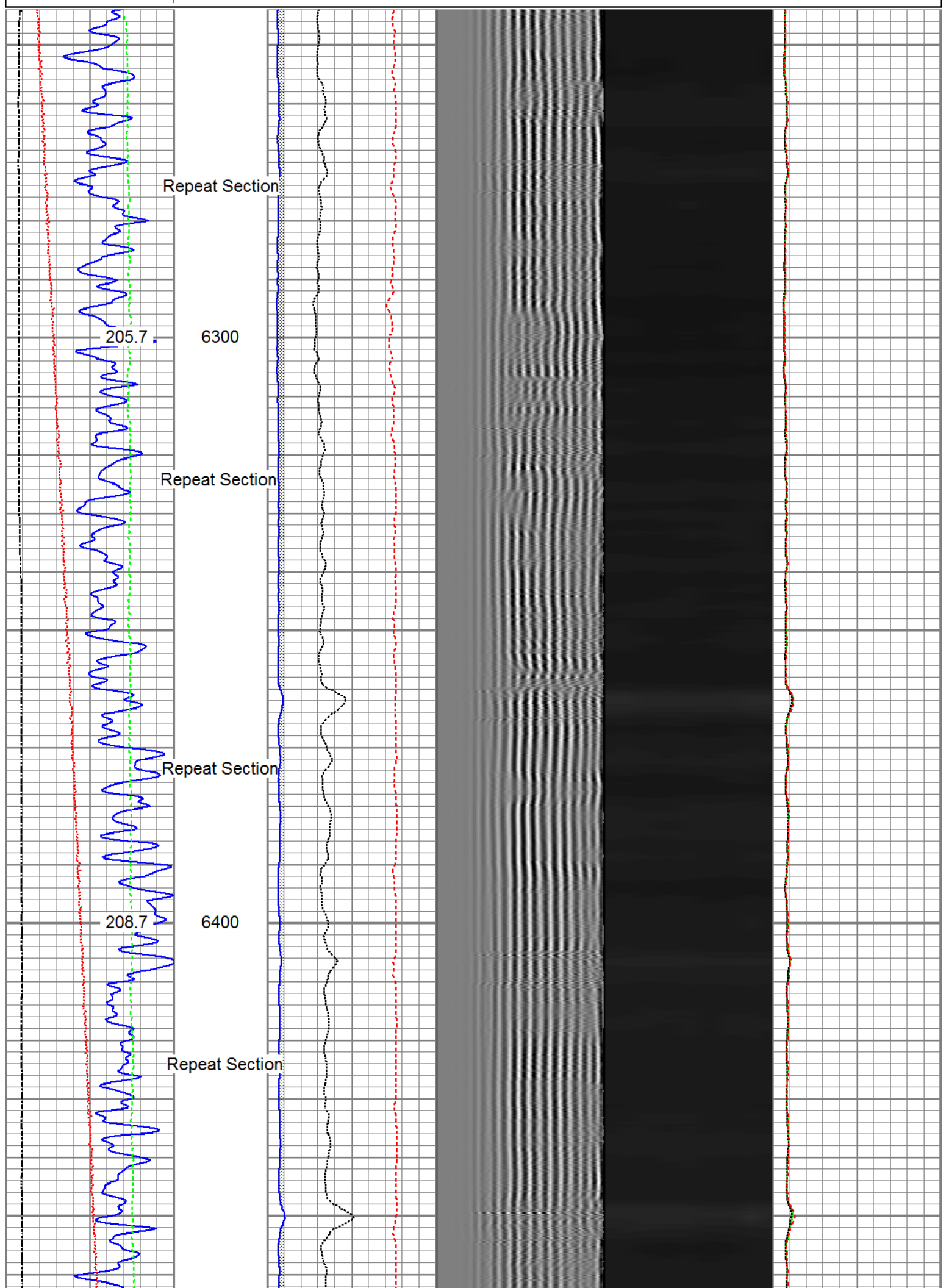


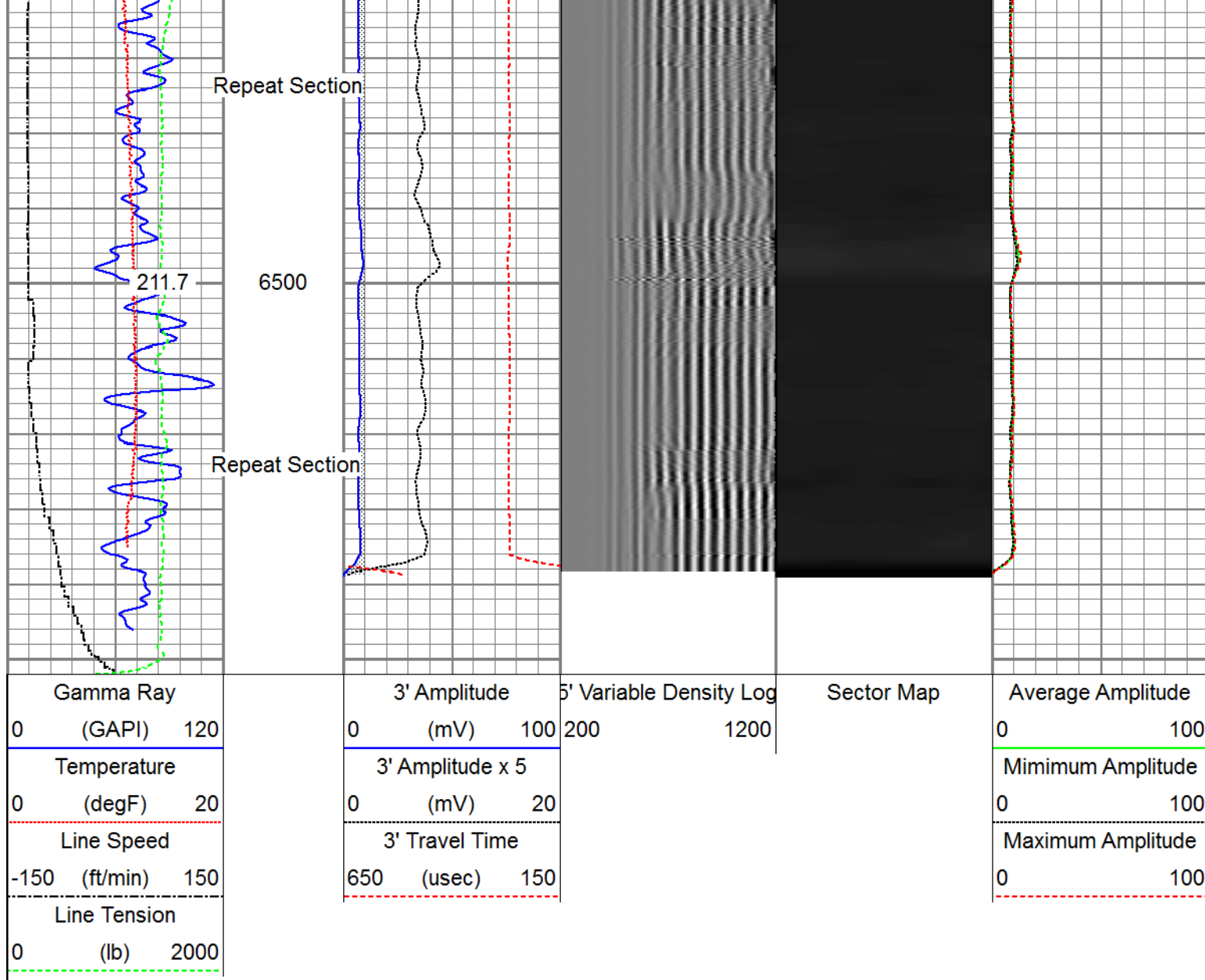
## Repeat Pass

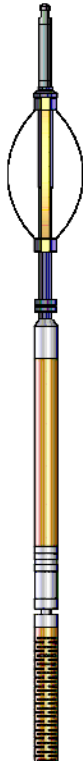
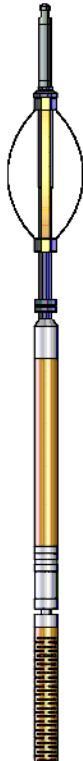
Recorded with 2800 PSI Surface Induced Pressure


Database File 0512342393\_anadarko\_land fed 29n-29hz\_08-16-16\_rbl\processed\_0512342393\_anadarko\_land fe  
 Dataset Pathname pass4.2  
 Presentation Format ros\_radri  
 Dataset Creation Wed Aug 17 10:33:12 2016  
 Charted by Depth in Feet scaled 1:240







Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
Temp	16.72		Titan_Electric_Cable_Heads-Titan_1-11/16" 1.03 Electric Cable Head with 1" Fishing Neck	1.03	1.69	5.40
			Probe_ELine_BowSpring_Centralizer-P_EB2.8875 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.8875	2.75	20.00
			Probe_RADII-C-P_RBT_2750 (FW1302-0029.19 Probe 2-3/4" Sector Cement Bond Tool with Temperature Probe	29.19	2.75	105.00
WVFS8	14.55					
WVES7	14.55					

WVFS6	14.55					
WVFS5	14.55					
WVFS4	14.55					
WVFS3	14.55					
WVFS2	14.55					
WVFS1	14.55					
WVFCAL	14.55					
WVF3FT	14.55					
WVF5FT	13.55					
HeadVolt	10.30					
			Probe_ELine_BowSpring_Centralizer-P_EB52.8875 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.75	20.00	
DCCL	6.51					
CCL	6.51					
			Probe_GR_CCL-P_CGR_2750_S (FW12124.54) Probe 2-3/4" Digital CCL / Gamma Ray Combined	2.75	55.00	
GR	3.77					
			Probe_ELine_BowSpring_Centralizer-P_EB52.8875 Probe 2-3/4" Electric Inline Bowspring Centralizer	2.75	20.00	
Dataset: processed_0512342393_anadarko_land fed 29n-29hz_08-16-16_rbl_w8.db: field/well/run1/pass6.2 Total length: 23.40 ft Total weight: 225.40 lb O.D.: 2.75 in						

Calibration Report		
Database File	c:\programdata\warrior\data\0512342393_anadarko_land fed 29n-29hz_08-16-16_rbl\processed_0512	
Dataset Pathname	pass6.2	
Dataset Creation	Wed Aug 17 10:15:43 2016	
Gamma Ray Calibration Report		
Serial Number:	FW1212-026	
Tool Model:	P_CGR_2750_S	
Performed:	Sat Feb 06 11:32:54 2016	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.6	cps
Sensitivity:	0.6061	GAPI/cps
Segmented Cement Bond Log Calibration Report		
Serial Number:	FW1302-002	
Tool Model:	P_RBT_2750	

Calibration Casing Diameter: 5.500 in  
Calibration Depth: -603.341 ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.008	0.707	0.800	71.921	101.843	-0.045
CAL	0.007	0.769				
5'	0.011	0.592	0.800	71.921	122.579	-0.602
SUM						
S1	0.009	0.688	0.000	100.000	147.409	-1.359
S2	0.009	0.702	0.000	100.000	144.246	-1.301
S3	0.009	0.718	0.000	100.000	141.192	-1.323
S4	0.009	0.715	0.000	100.000	141.750	-1.292
S5	0.009	0.717	0.000	100.000	141.236	-1.249
S6	0.009	0.716	0.000	100.000	141.496	-1.297
S7	0.009	0.698	0.000	100.000	145.090	-1.258
S8	0.009	0.692	0.000	100.000	146.547	-1.351

Internal Reference Calibration, performed Fri Aug 05 07:29:17 2016:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.007	0.769	1.000	0.000

Air Zero Calibration, performed Tue Aug 16 10:22:47 2016:

	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	



**RELIANCE**  
OILFIELD SERVICES

Company Kerr-McGee Oil & Gas Onshore, L.P.  
Well Land Fed 29N-29HZ  
Field Wattenberg  
County Weld  
State Colorado