



**RADIAL BOND
GAMMA RAY / CCL
LOG**

Company		NUEVIDA RESOURCES LLC		Country USA			
Well		ARDOUREL #3HL		Company NUEVIDA RESOURCES LLC			
Field		MANCOS		Well ARDOUREL #3HL			
County		LA PLATA		Field MANCOS			
State		COLORADO		County LA PLATA			
Location:		AP1 # : 05-067-10037		State COLORADO			
SEC 18 TWP 33N RGE 8W		1773' FSL & 292' FWL		Country USA			
Permanent Datum		GROUND LEVEL Elevation 6719'		Other Services			
Log Measured From		KB 25' ABOVE PERM. DATUM		NONE			
Drilling Measured From		KELLY BUSHING		Elevation			
Date		5-16-2024		K.B. 6744'			
Run Number		ONE		D.F. 6743'			
Depth Driller		17212'		G.L. 6719'			
Depth Logger		7460'					
Bottom Logged Interval		7460'					
Top Log Interval		SURFACE					
Open Hole Size		8.5"					
Type Fluid		WATER					
Density / Viscosity		8.3					
Max. Recorded Temp.		N/A					
Estimated Cement Top		SEE LOG					
Time Well Ready		ROA					
Time Logger on Bottom		9:05 AM					
Equipment Number		8047					
Location		FARMINGTON, NM					
Recorded By		W. RICHARDSON					
Witnessed By		K. MASON					
Borehole Record		Tubing Record					
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record	Size	Mgt/Ft	Top	Bottom			
Surface String	13 3/8"	54.5# / J-55	SURFACE	518'			
Prot. String	9 5/8"	40# / L-80HC	SURFACE	6272'			
Production String	5 1/2"	20# / P110-HC	SURFACE	17212'			
Liner							

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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

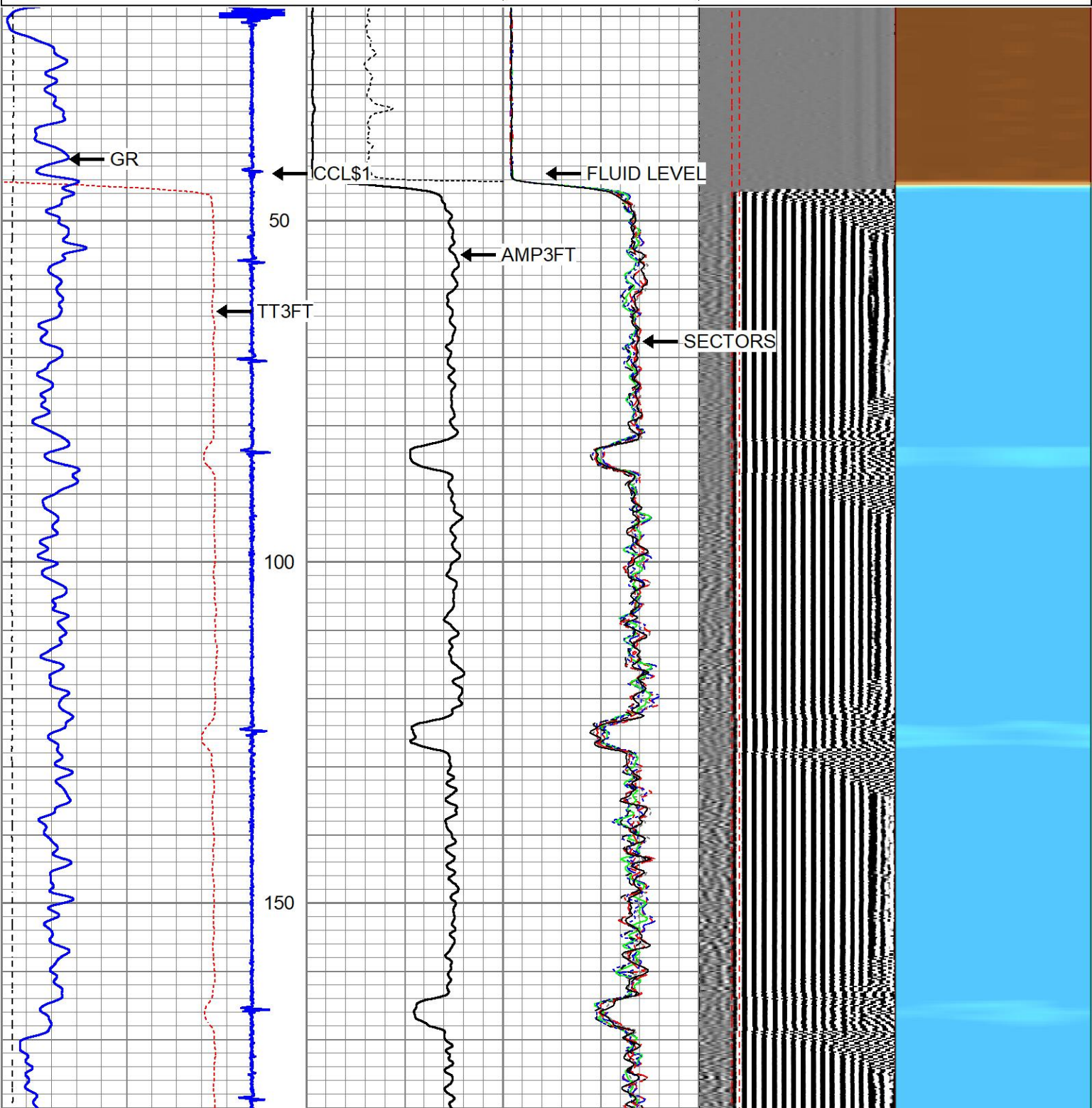
THANK YOU FOR CHOOSING THE WIRELINE GROUP
WELL LOGGED WITH 0 PSI AT SURFACE
AIRRATED FLUID BEHIND PIPE 240' TO SURFACE

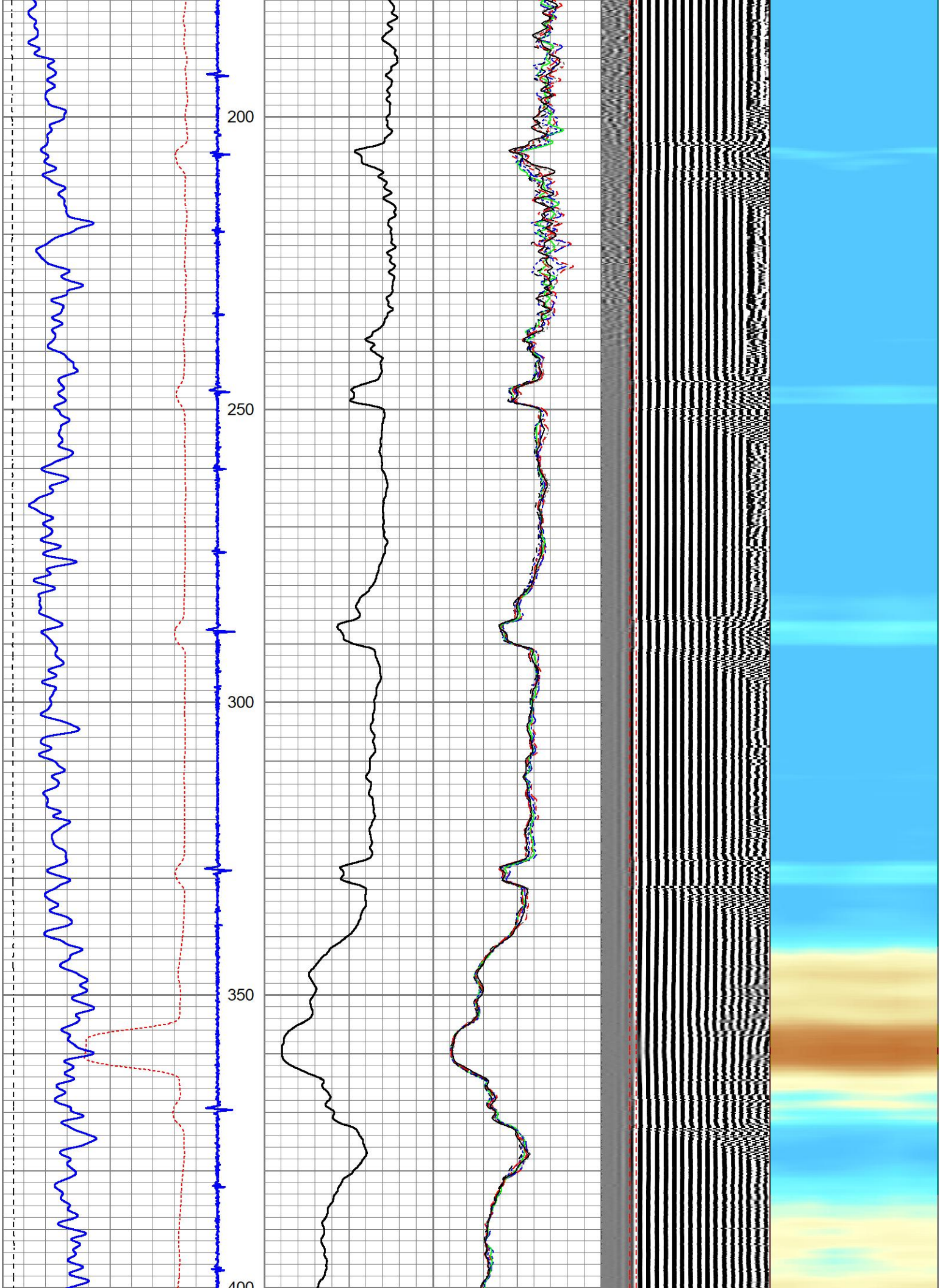


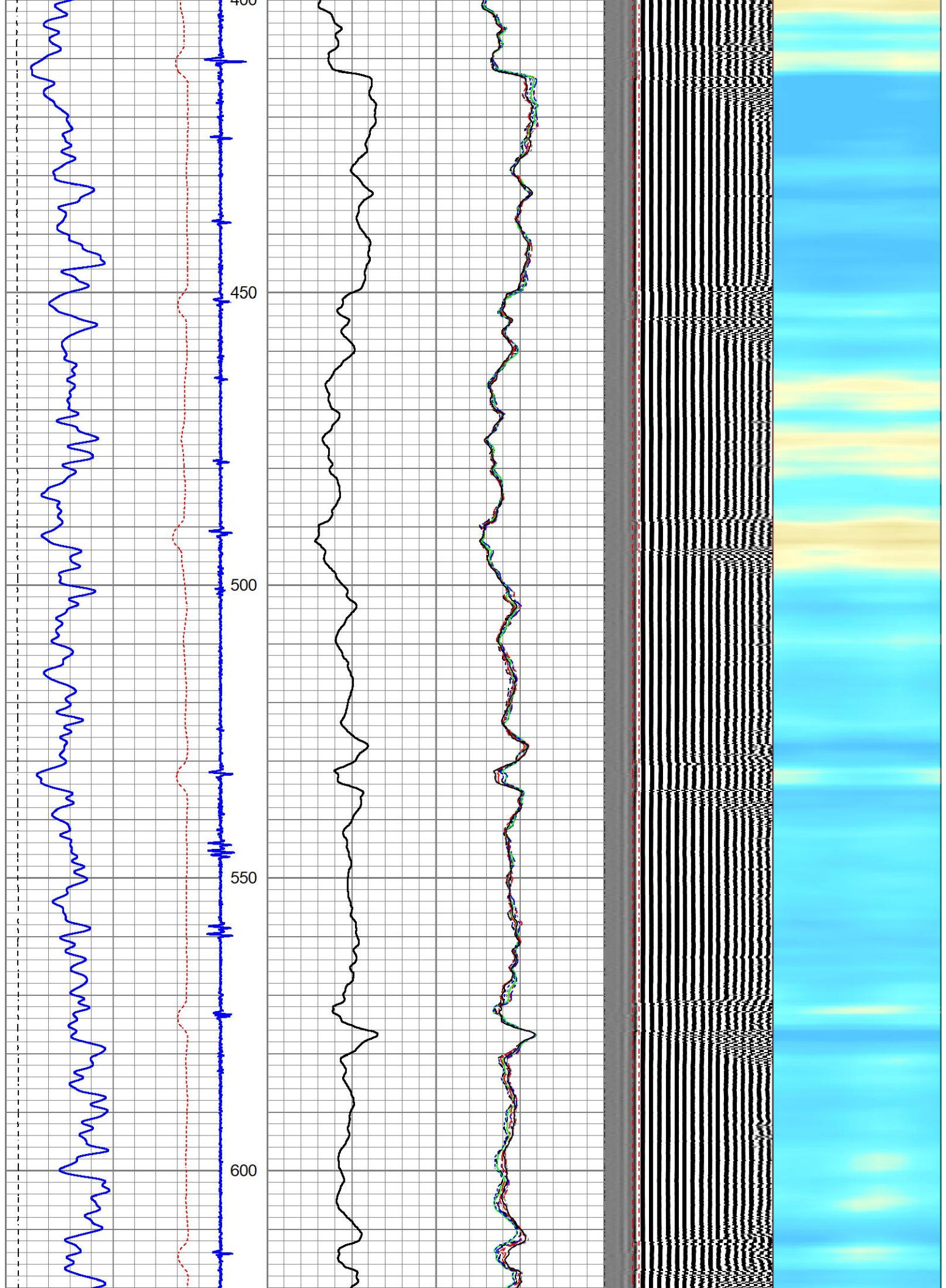
MAIN PASS (5"=100') 0 PSI

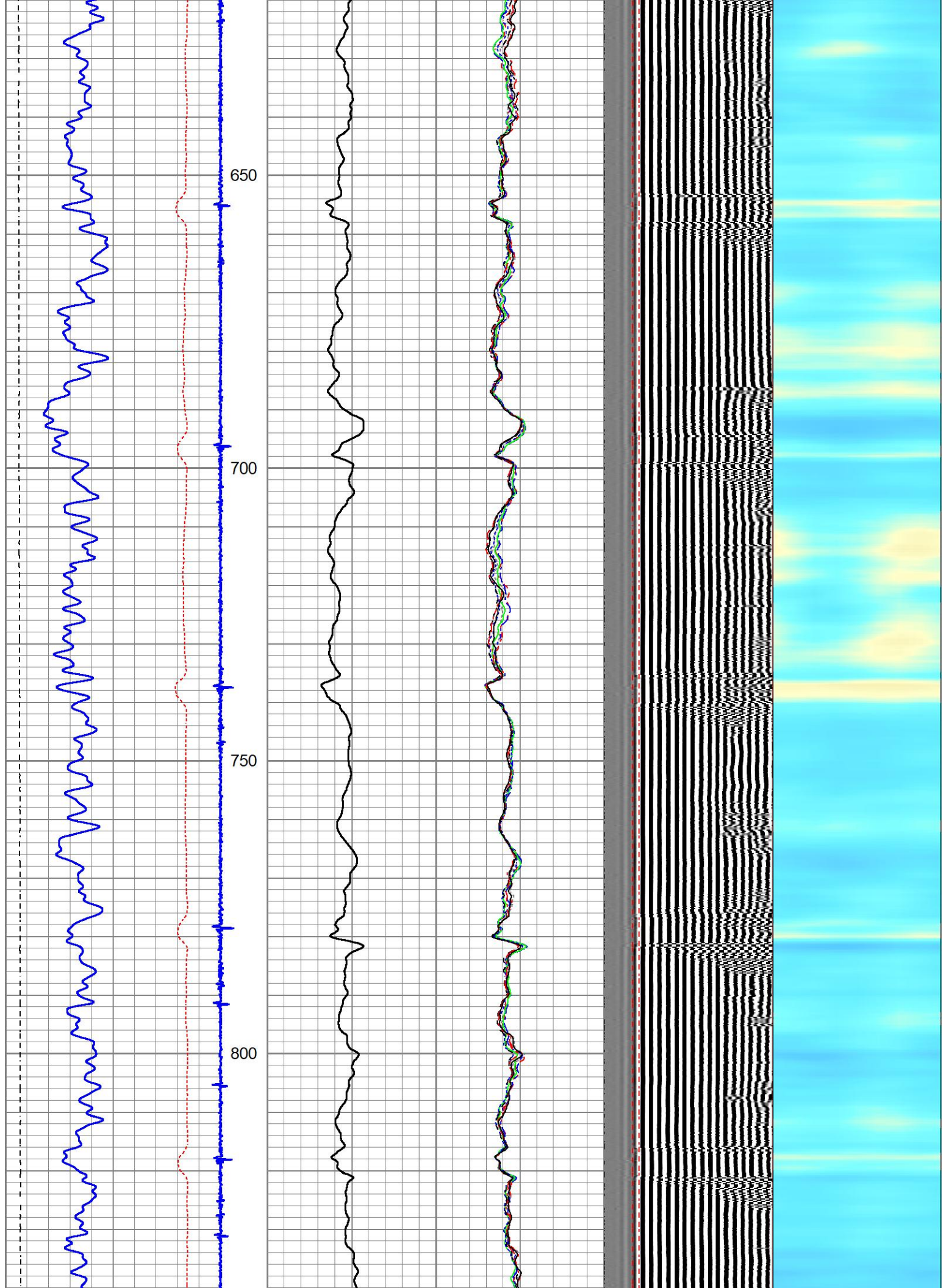
Database File	nuevida_ardourel_3hl.db
Dataset Pathname	pass2
Presentation Format	rbl55
Dataset Creation	Thu May 16 09:03:59 2024
Charted by	Depth in Feet scaled 1:240

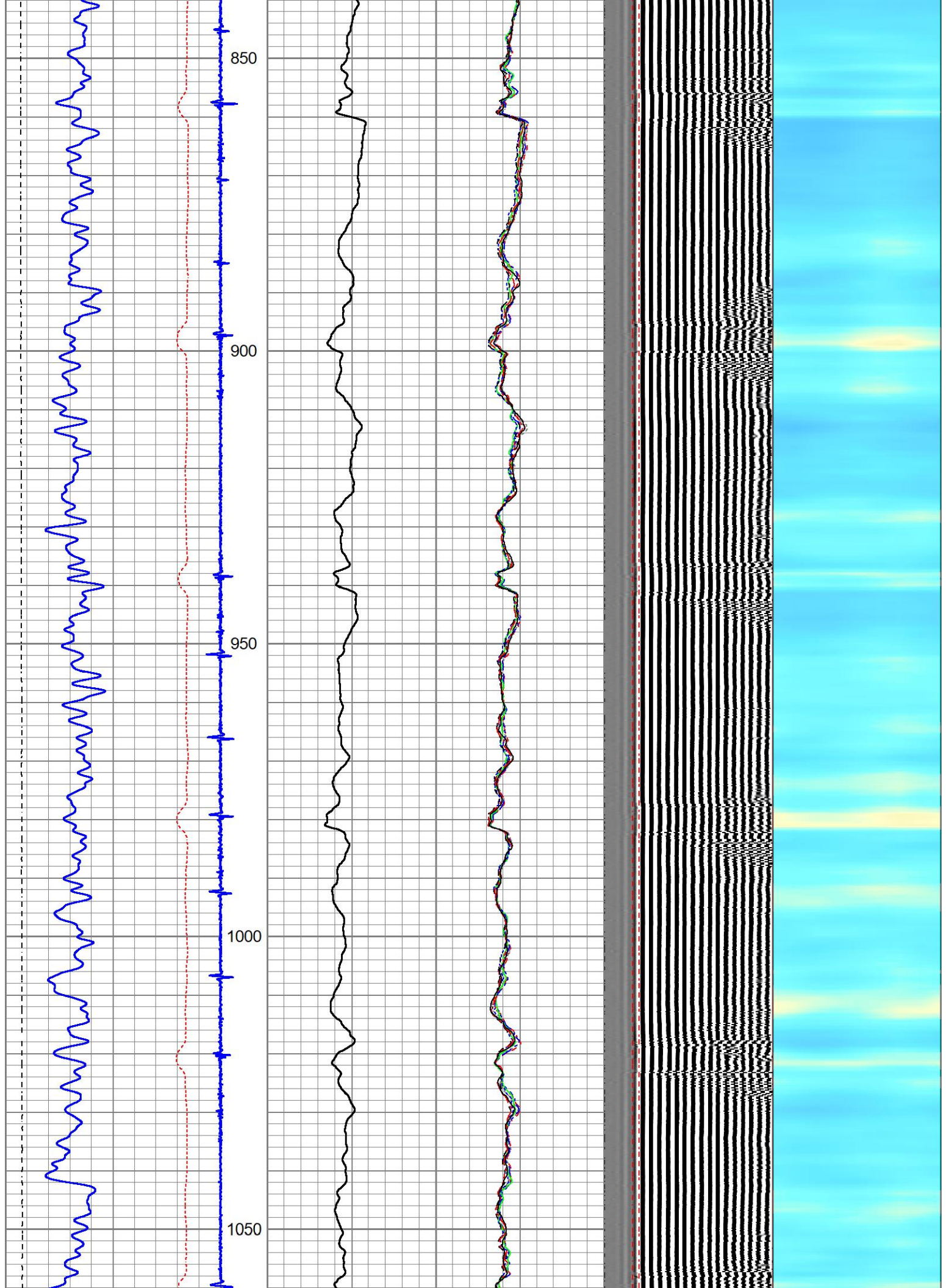
343	TT (usec)	243	0	Amplitude (mV)100	-5	AMPS2	150	200	VDL (usec) 1200	Cement Map
0	GR (GAPI)	150		Amplified Amplitude	-5	AMPS3	150			
0	LTEN (lb)	4000	0	(mV) 10	-5	AMPS4	150			
		CCL\$1			-5	AMPS5	150	Free Pipe Gate		
					-5	AMPS6	150			
					-5	AMPS7	150			
					-5	AMPS8	150			
					-5	AMPS1	150			

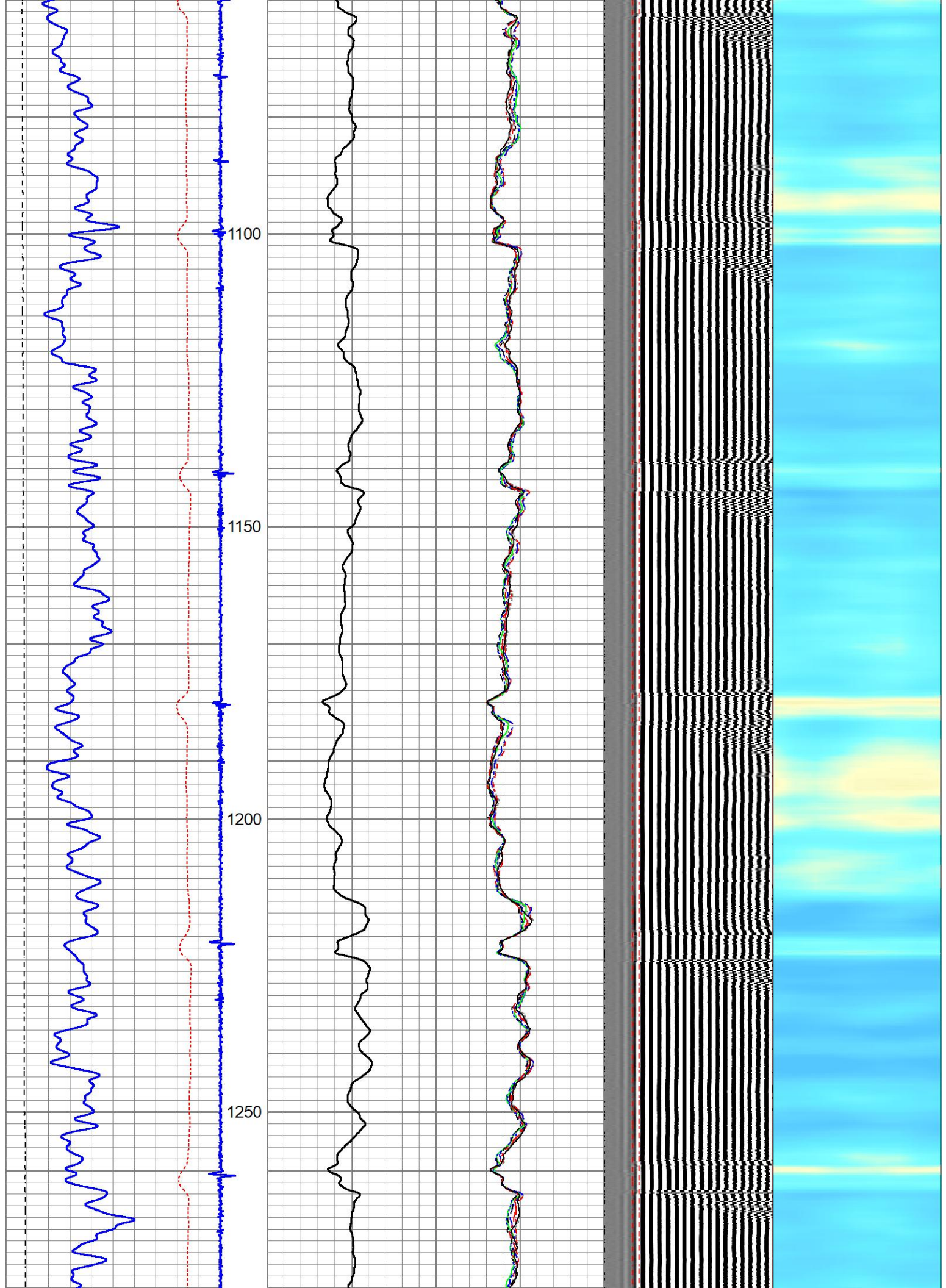


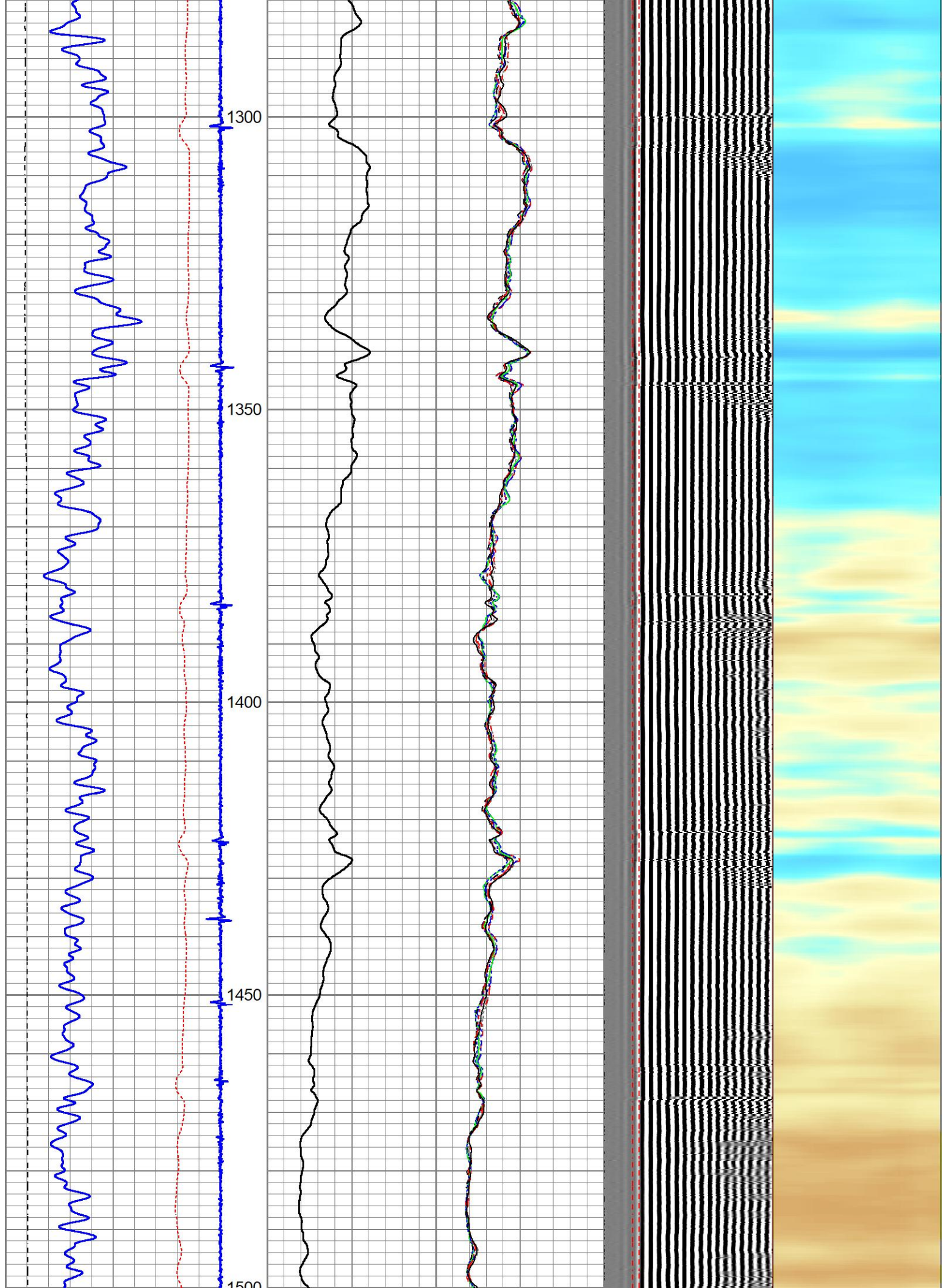


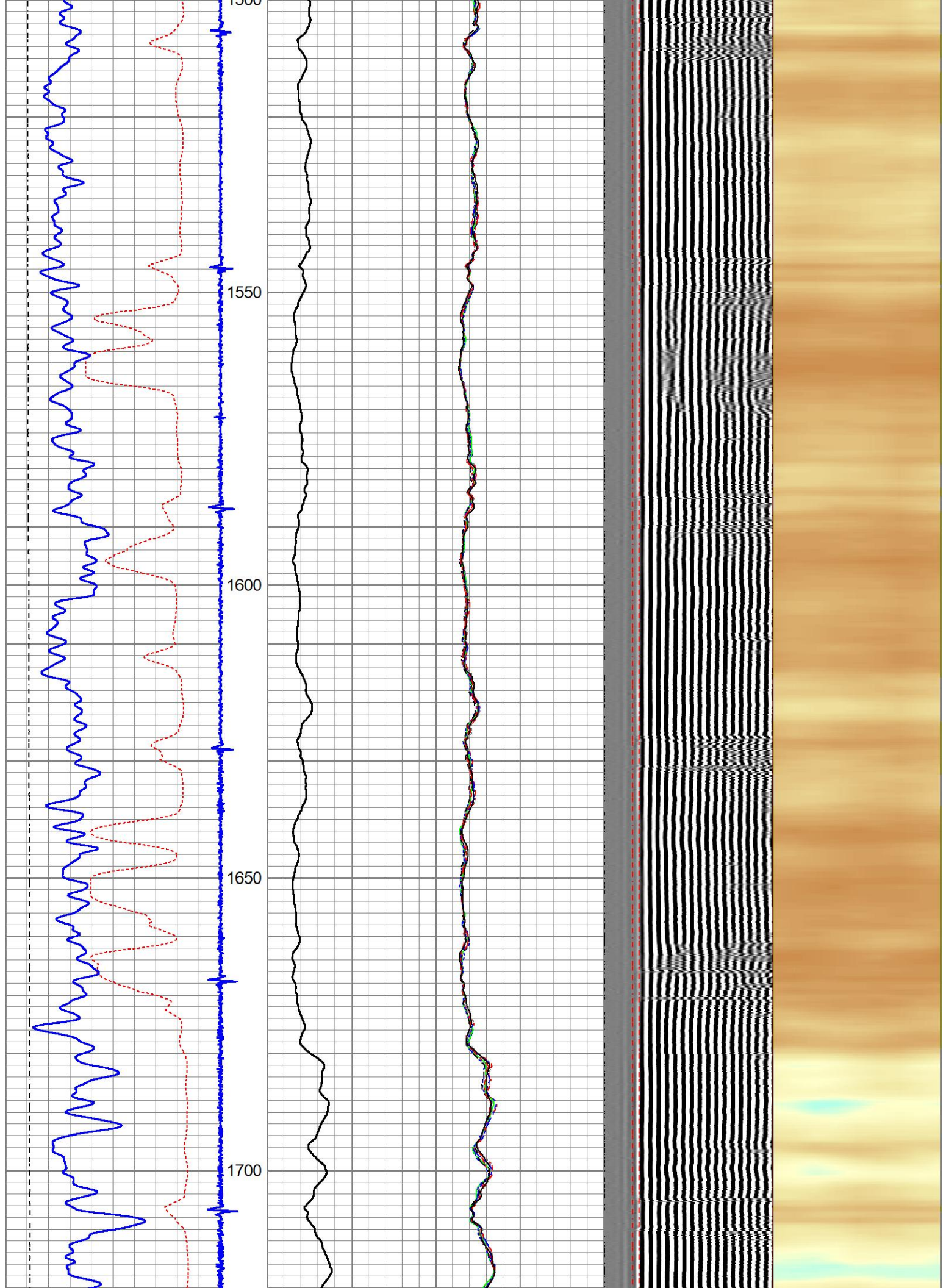


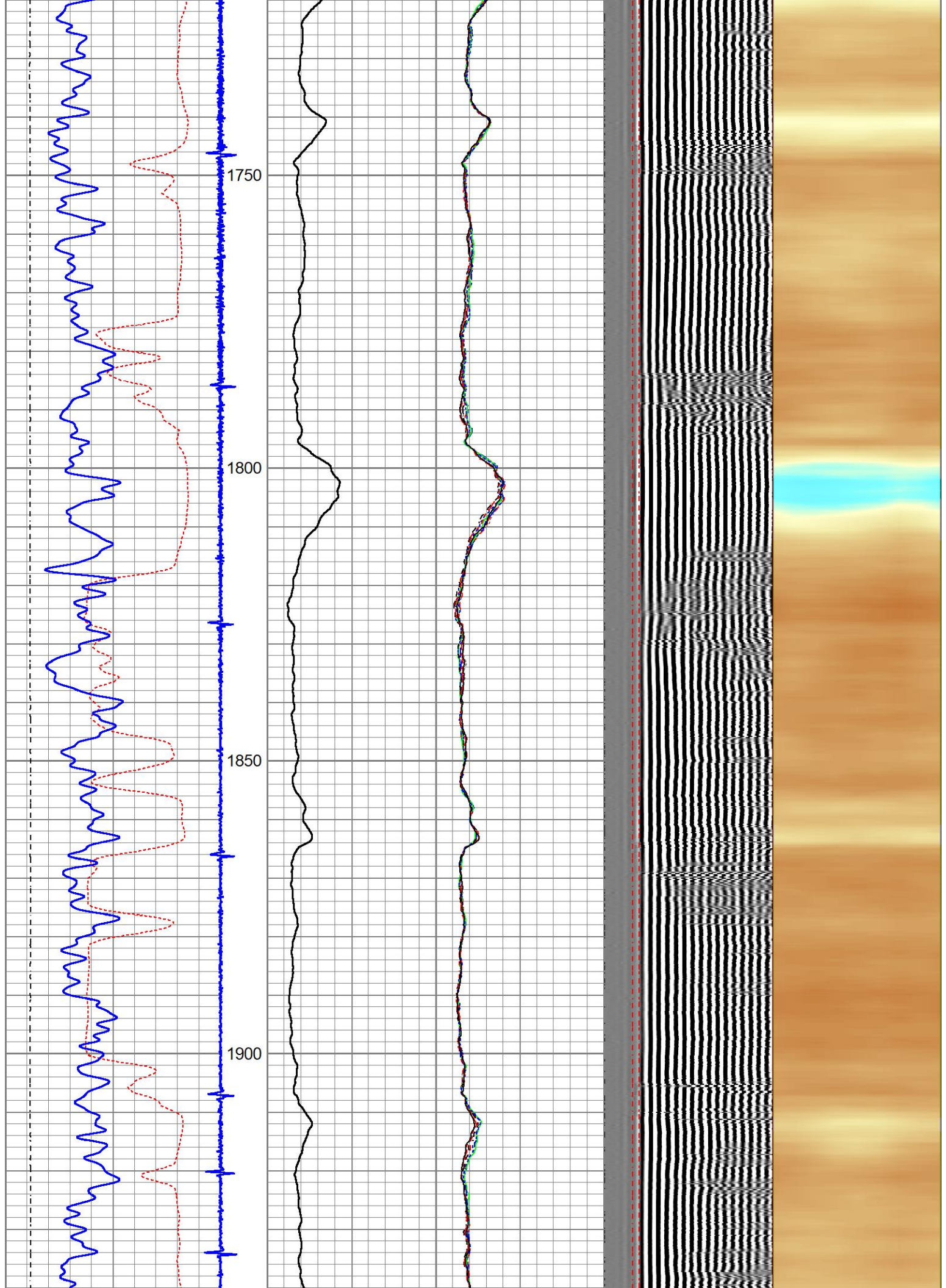


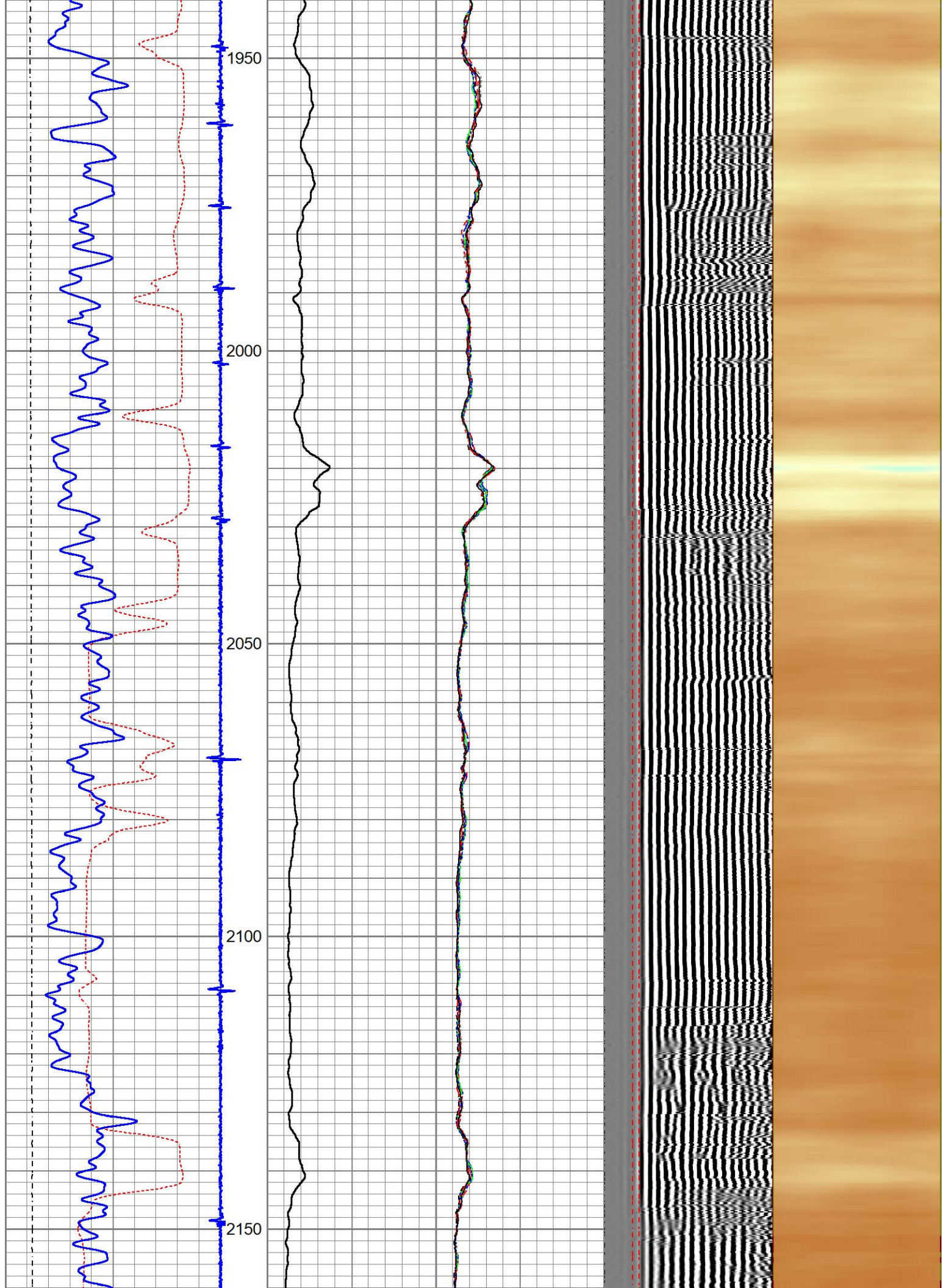


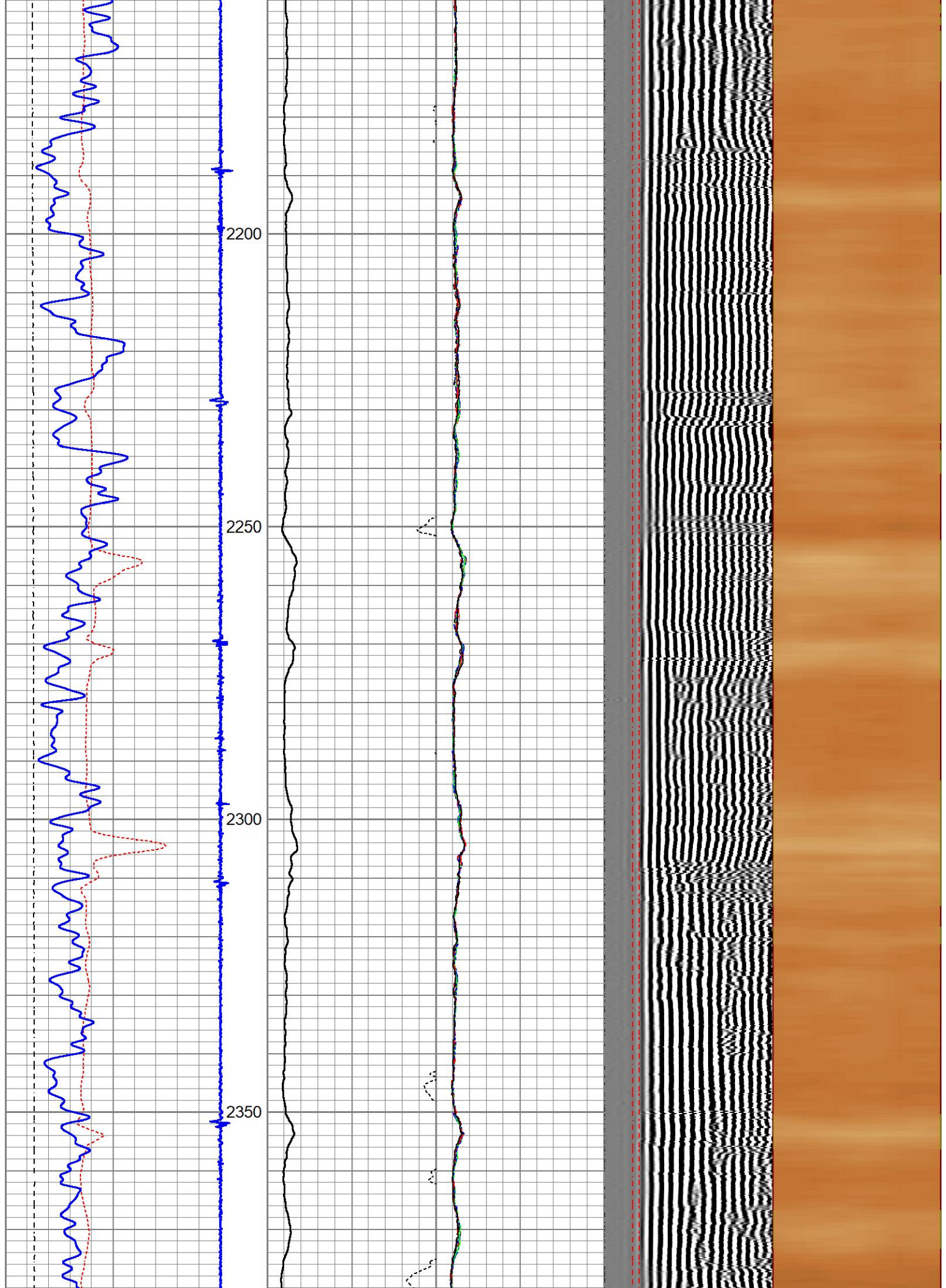


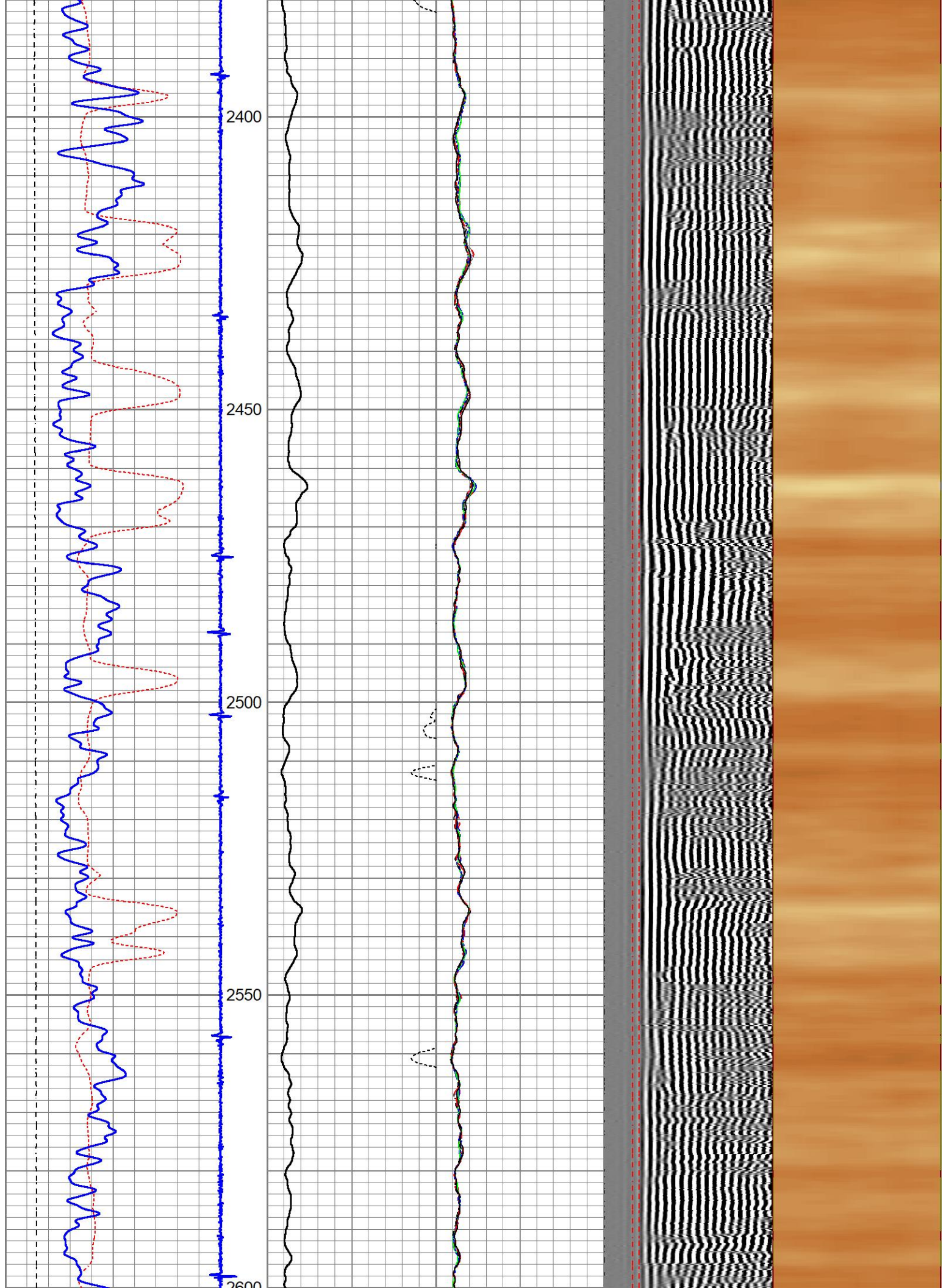


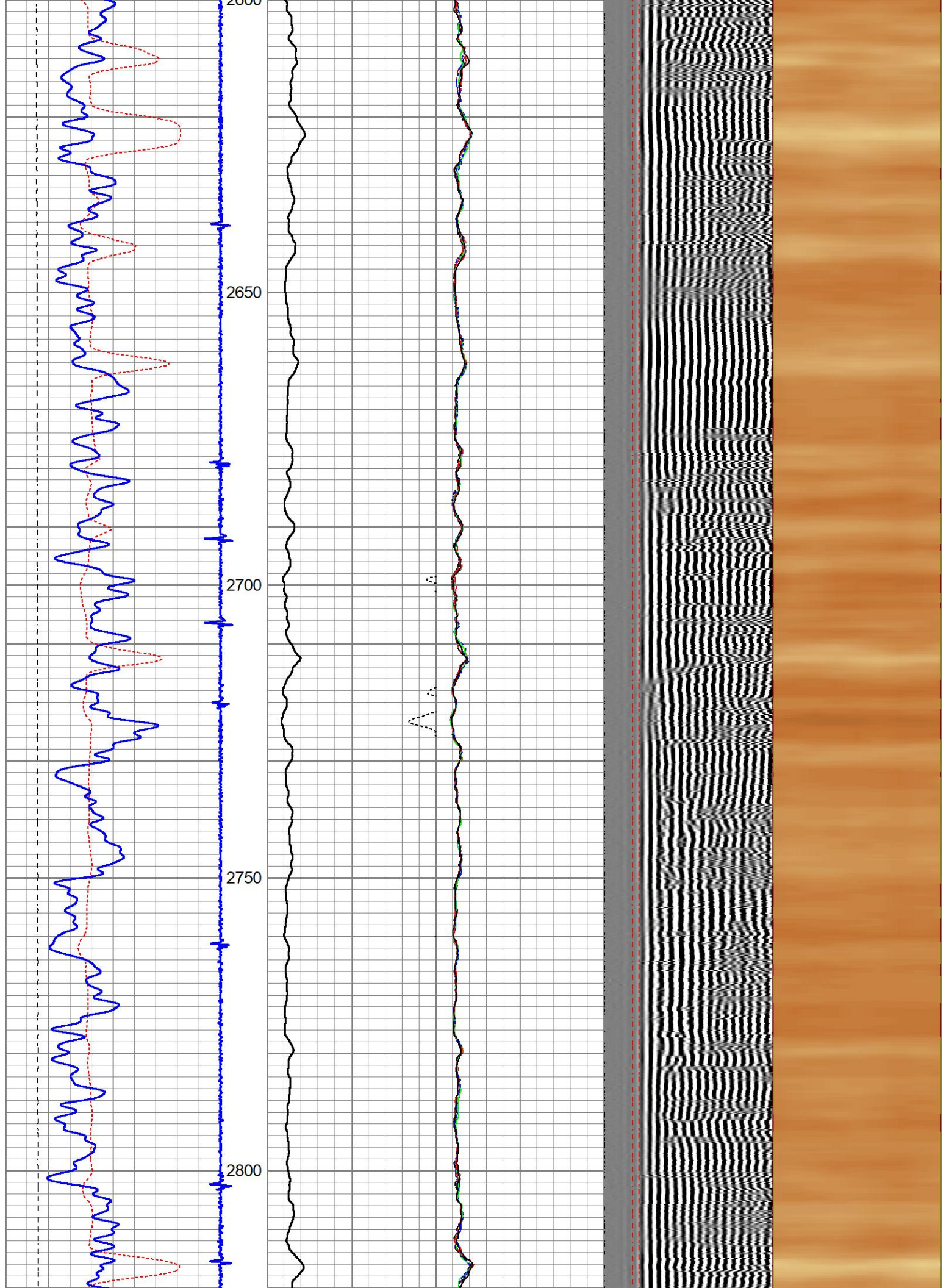


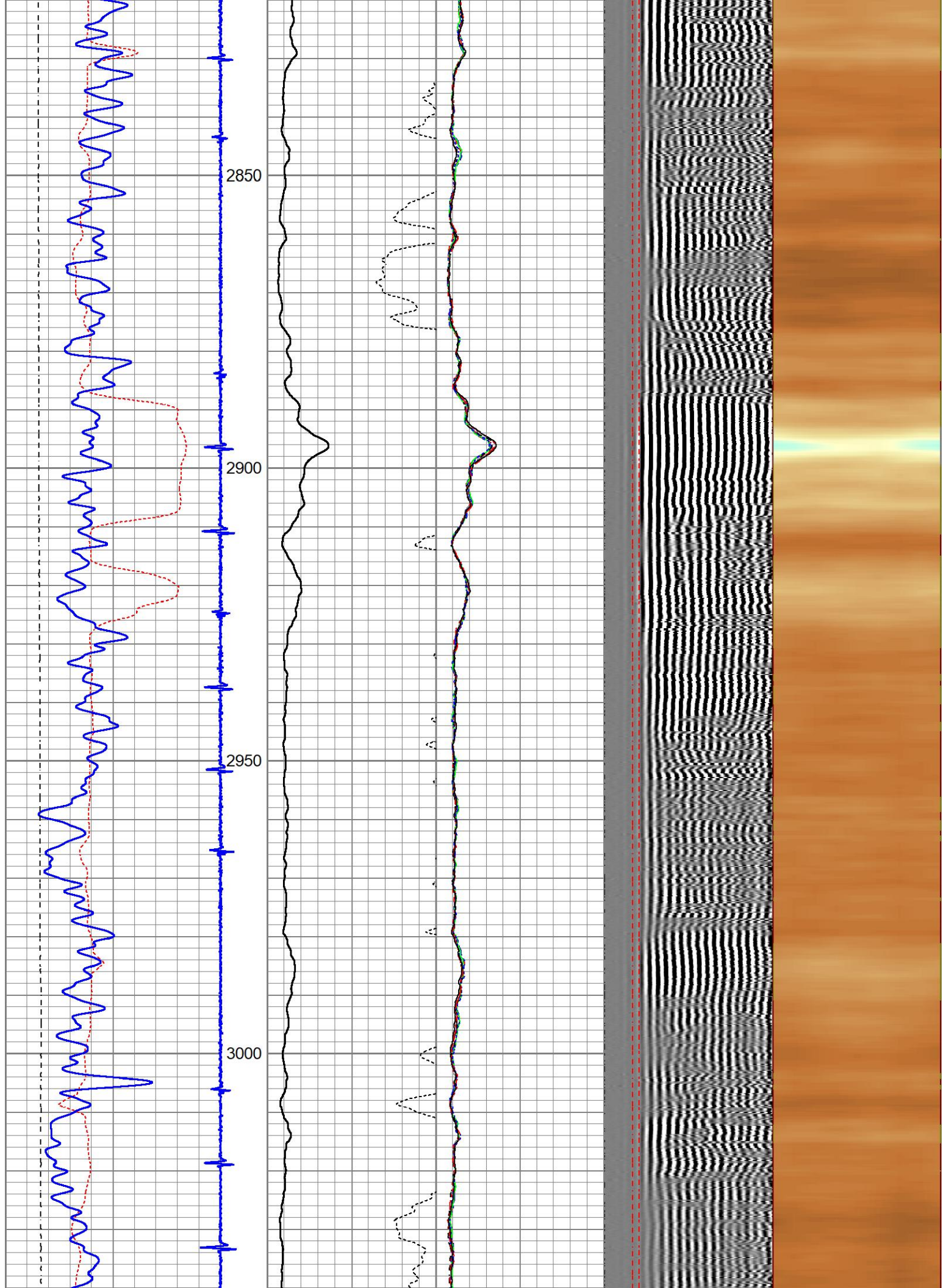


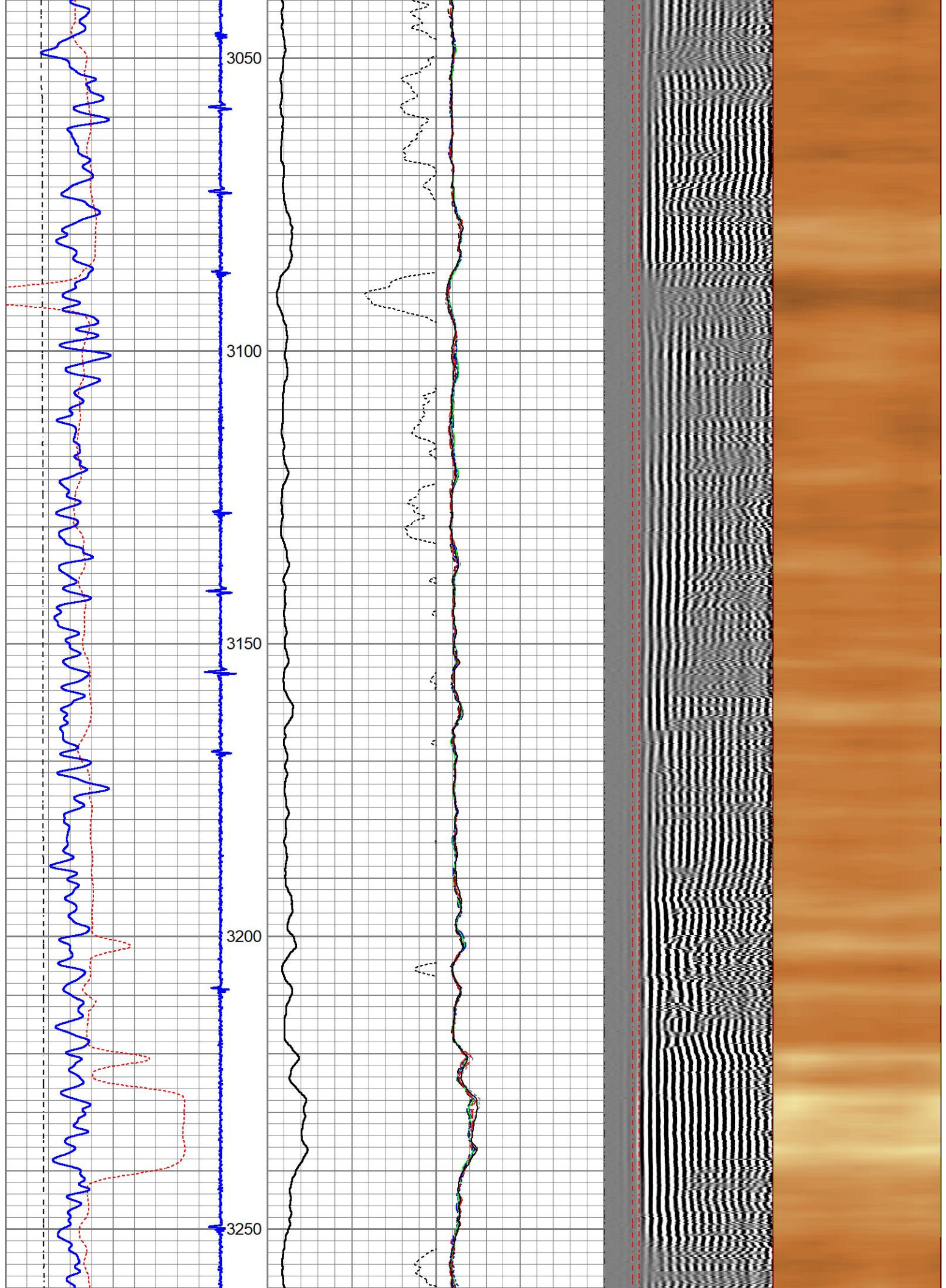


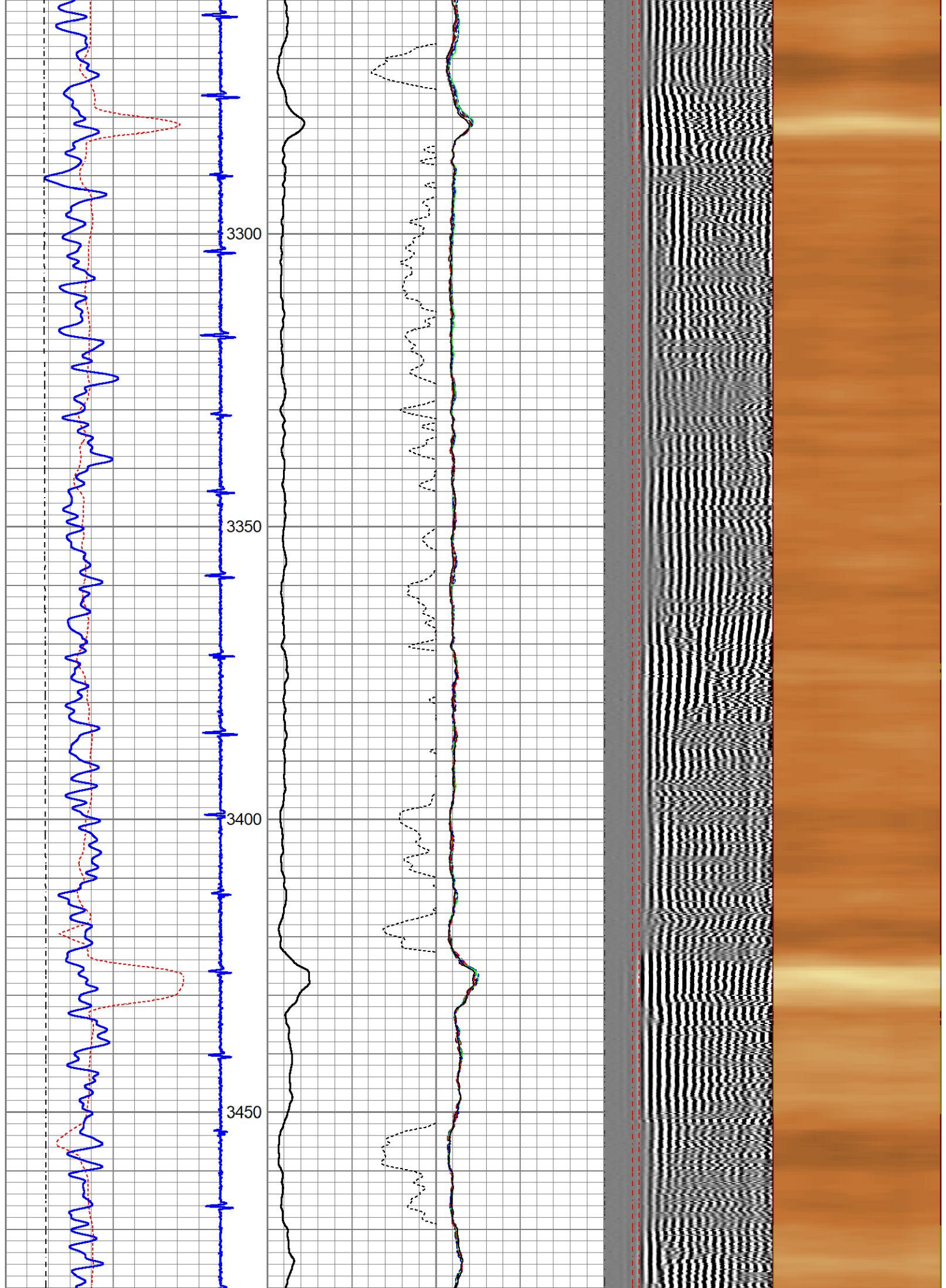


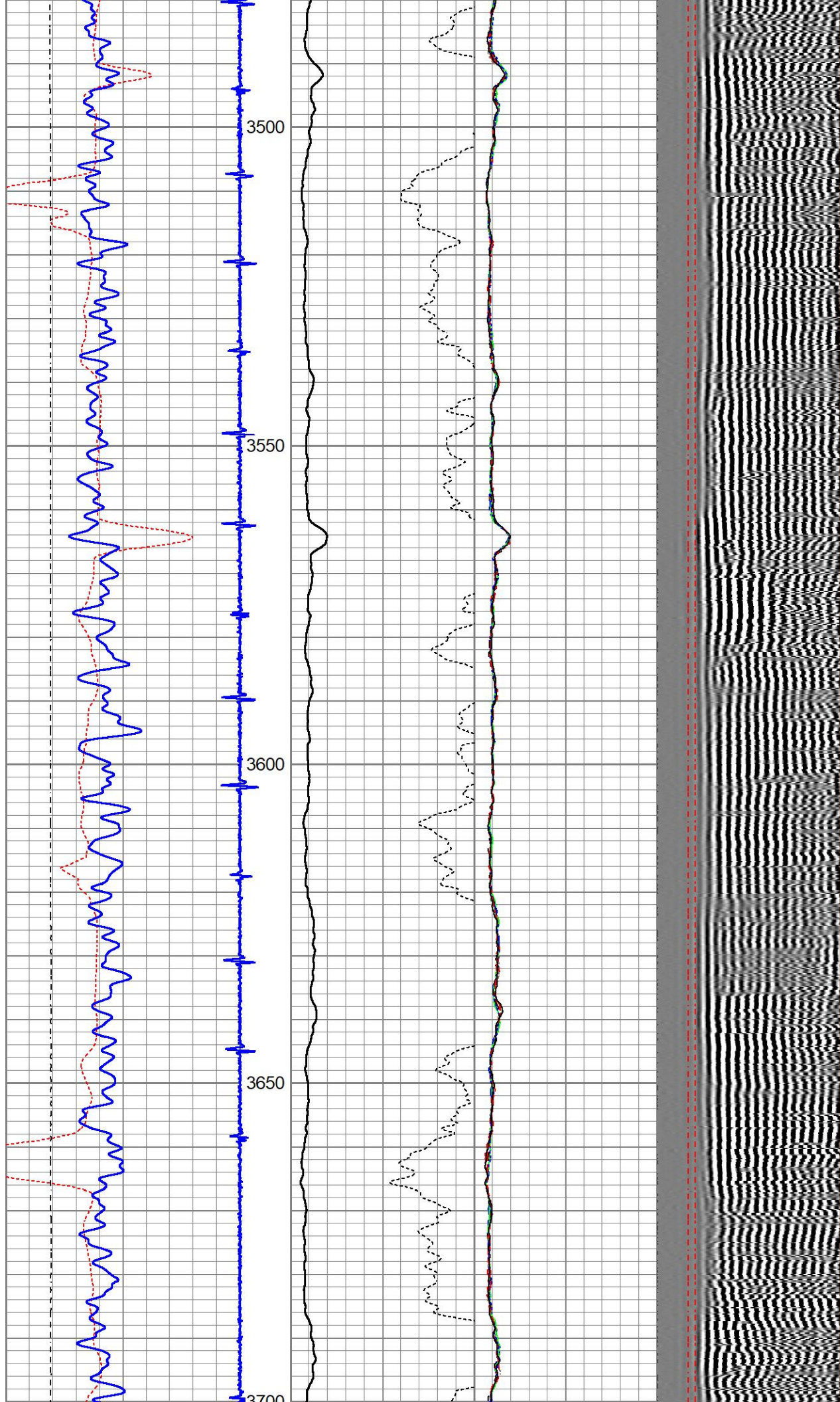


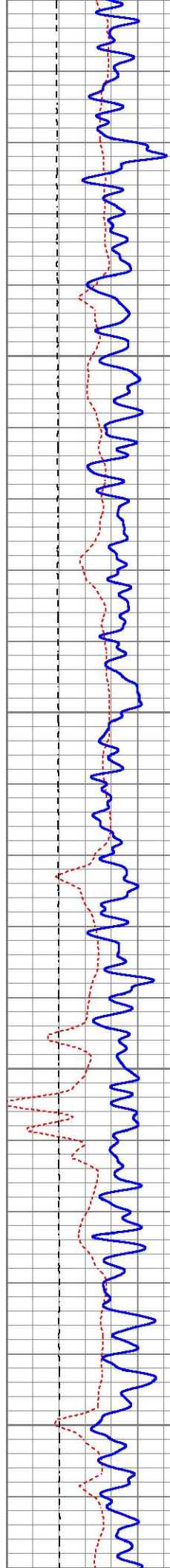




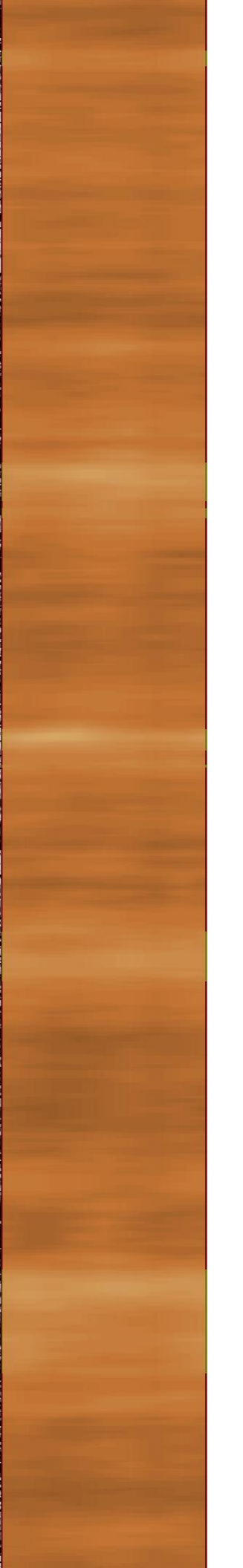
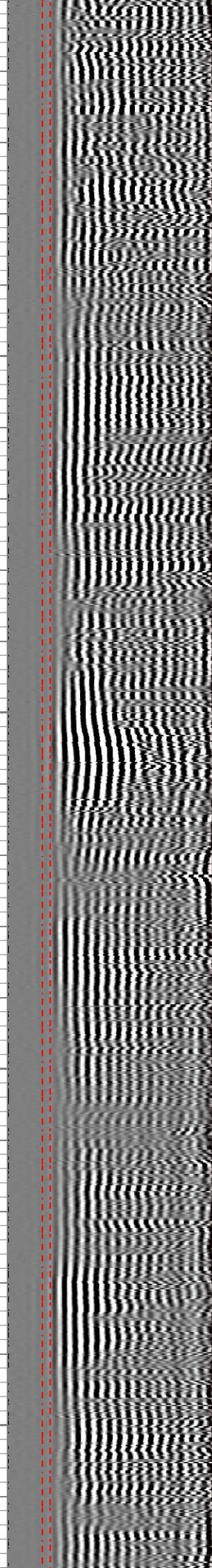
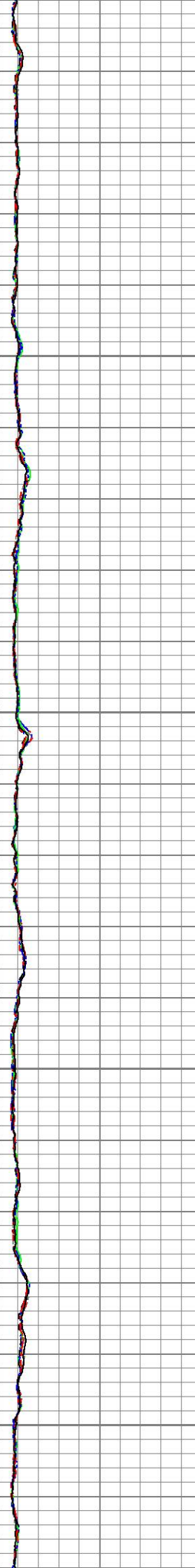
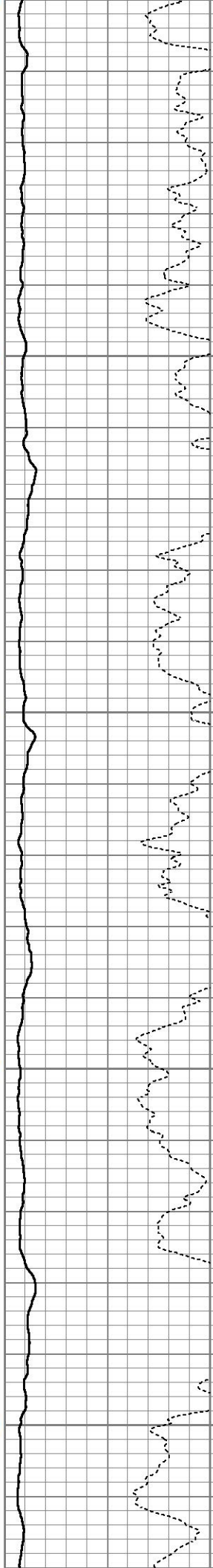


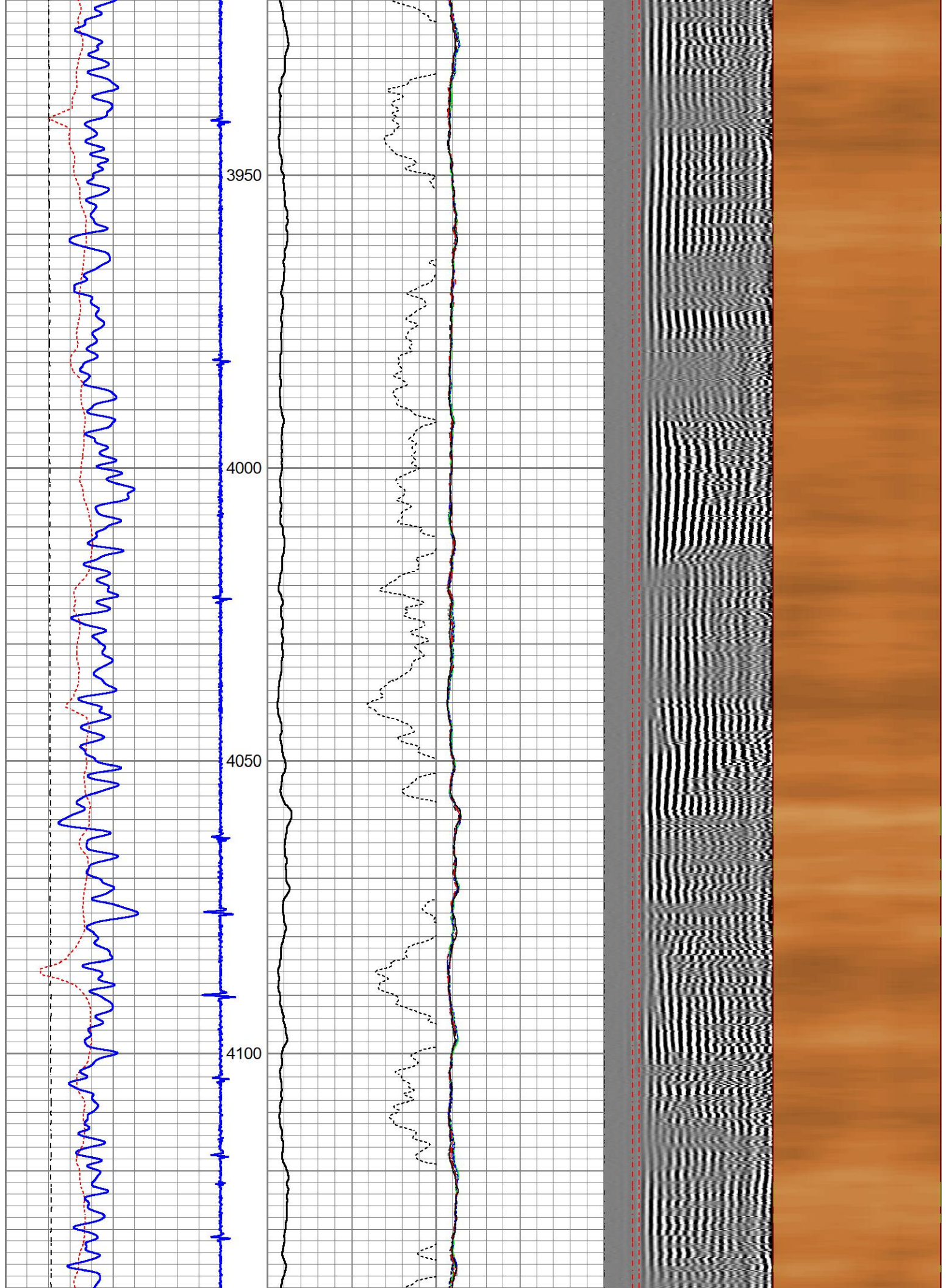


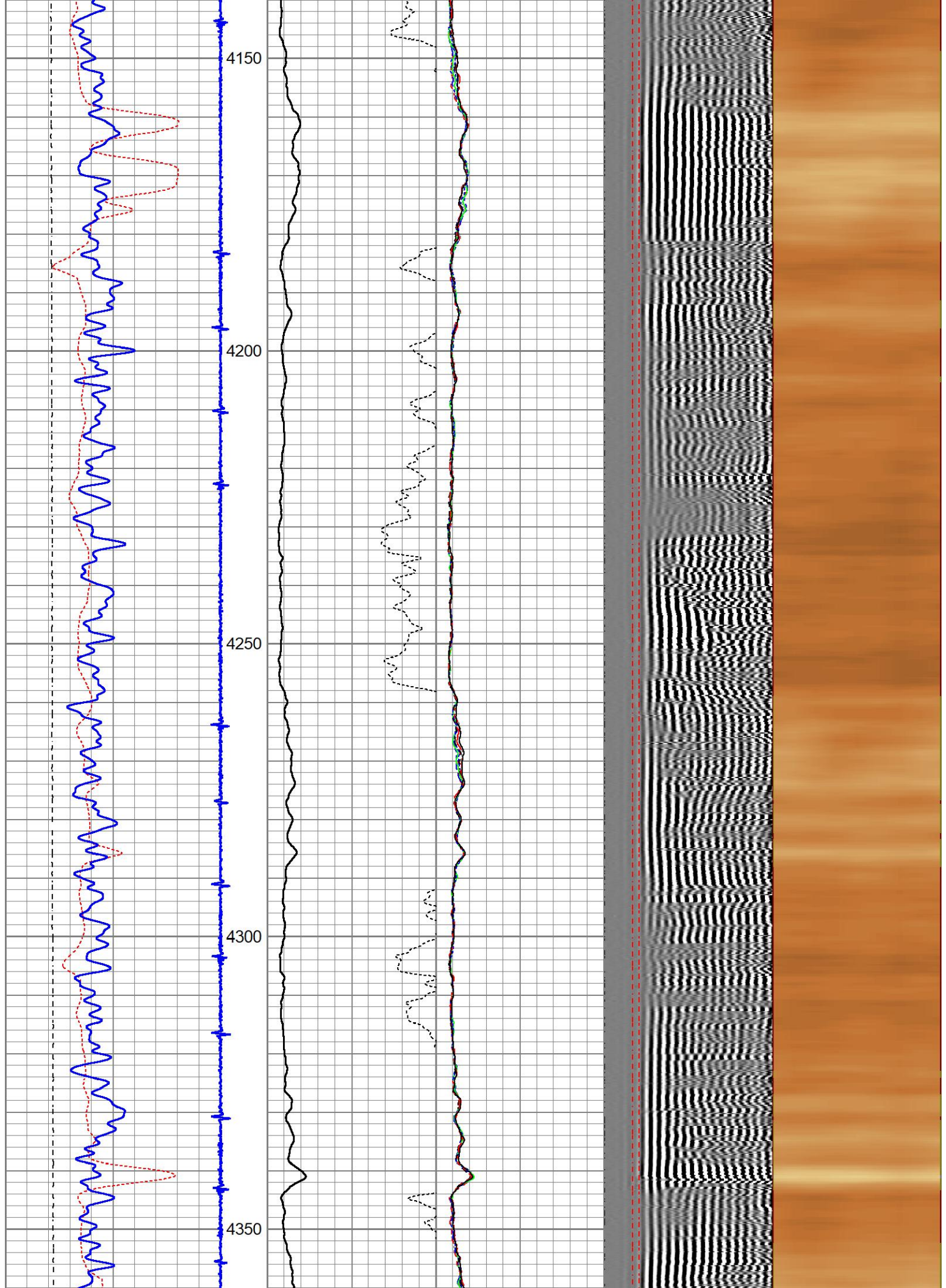


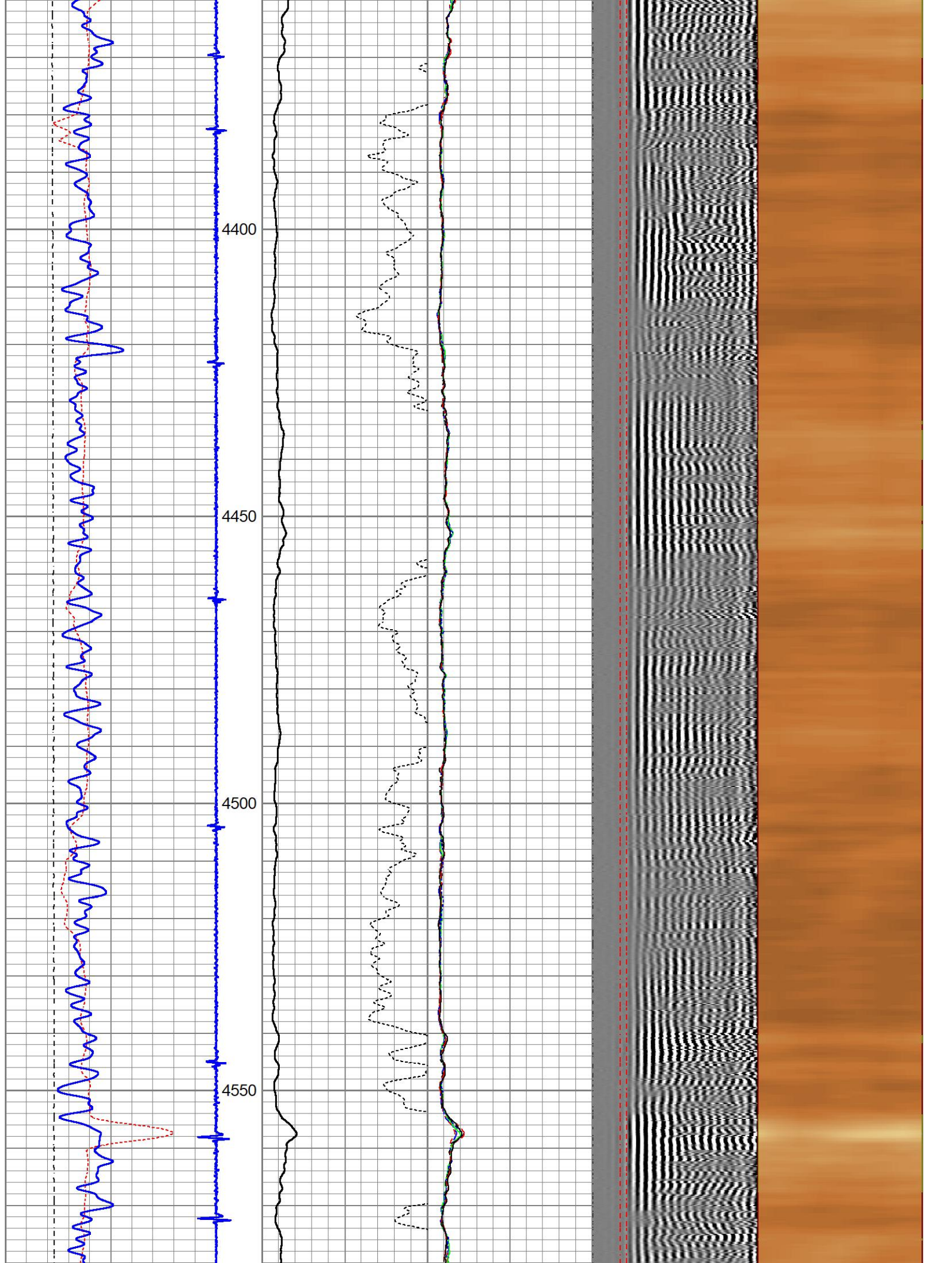


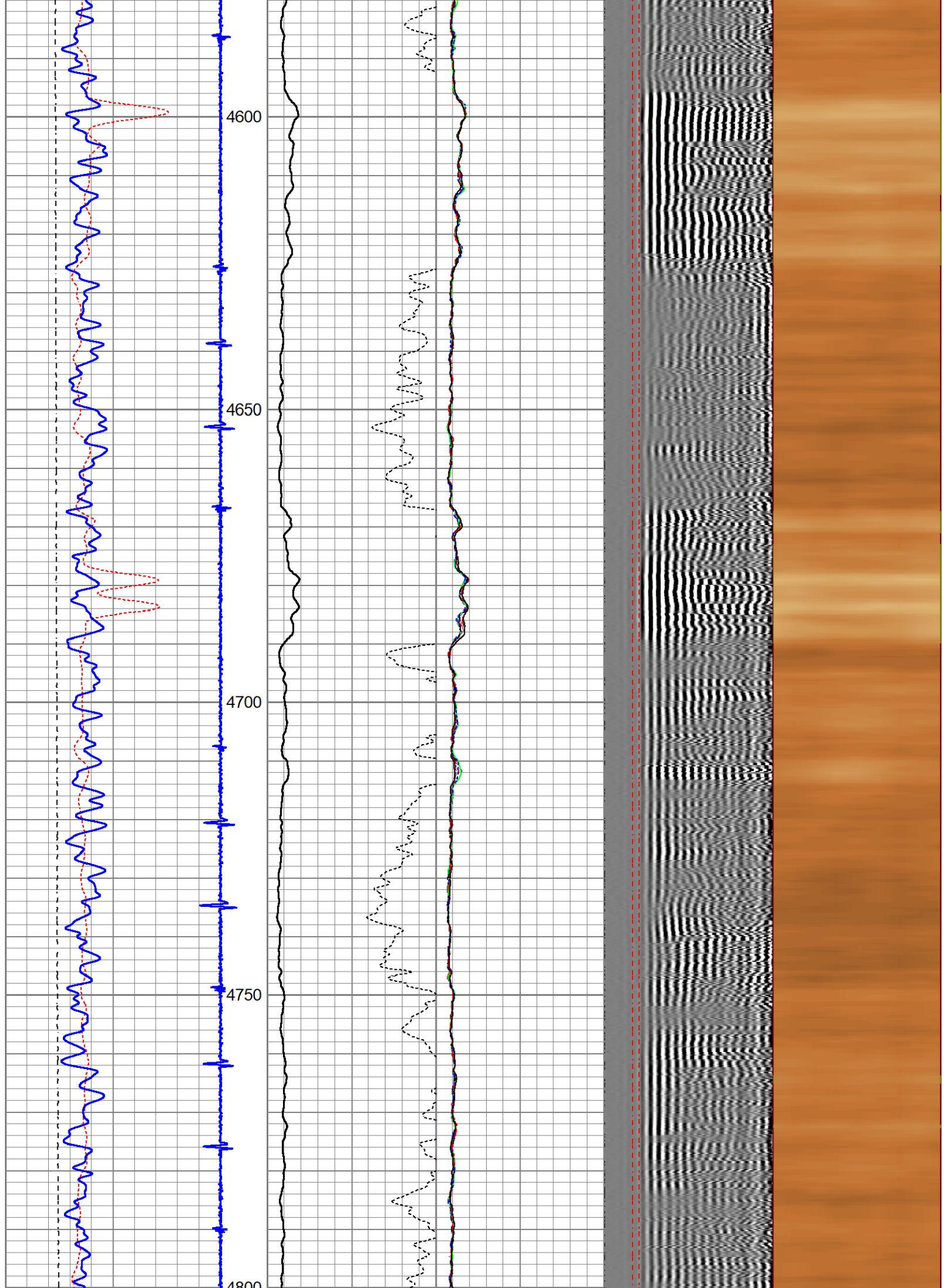
3700
3750
3800
3850
3900

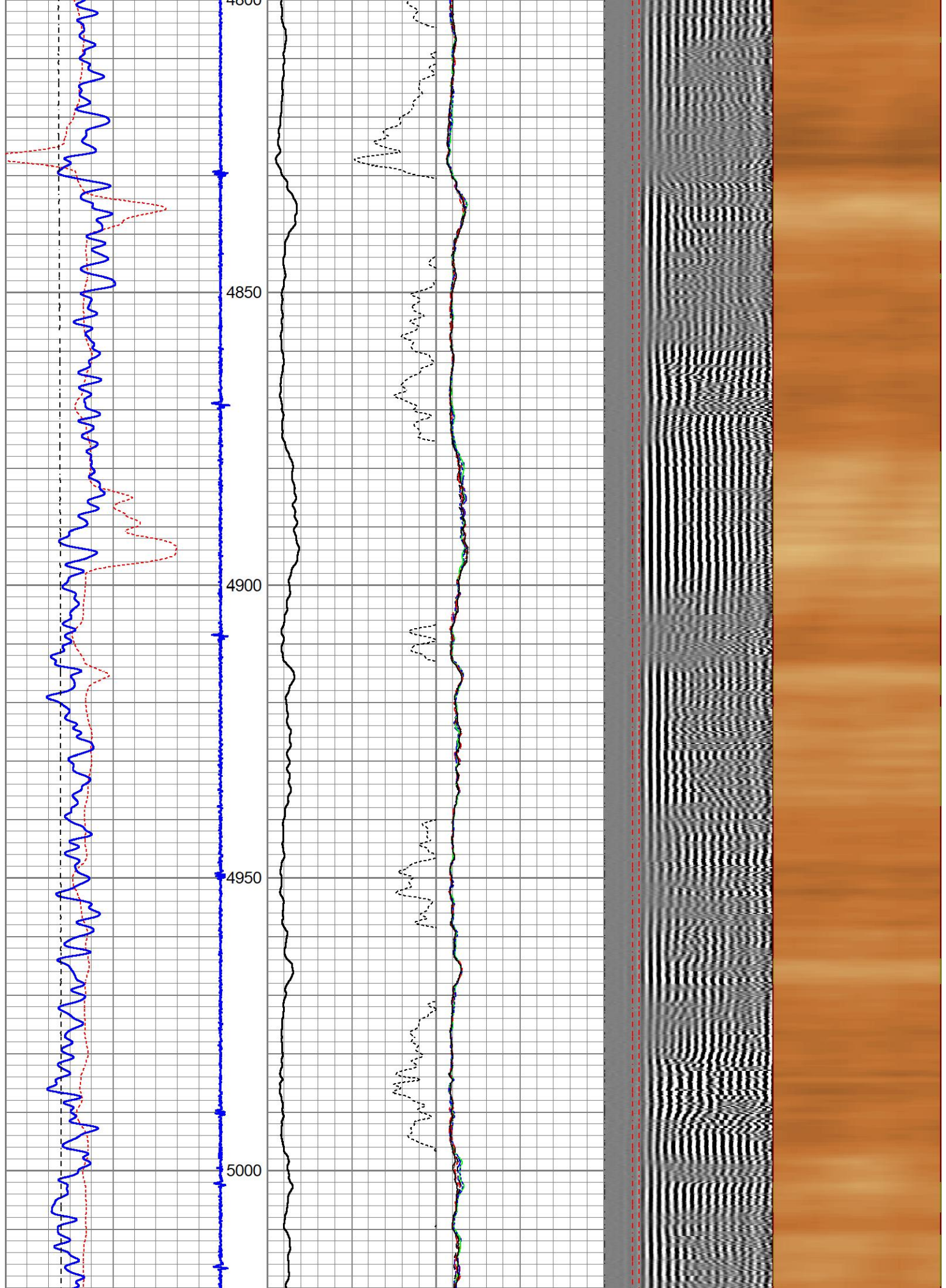


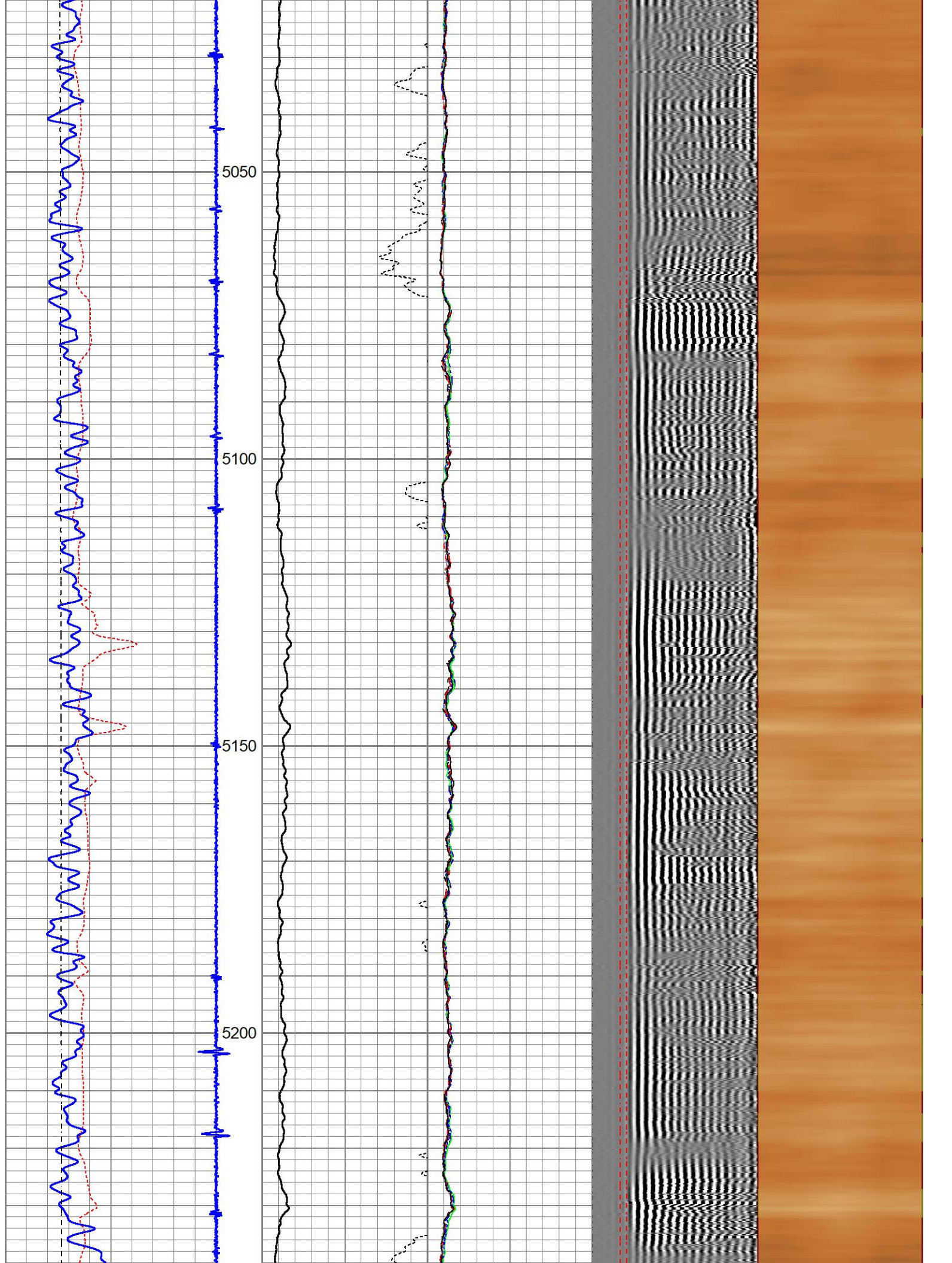


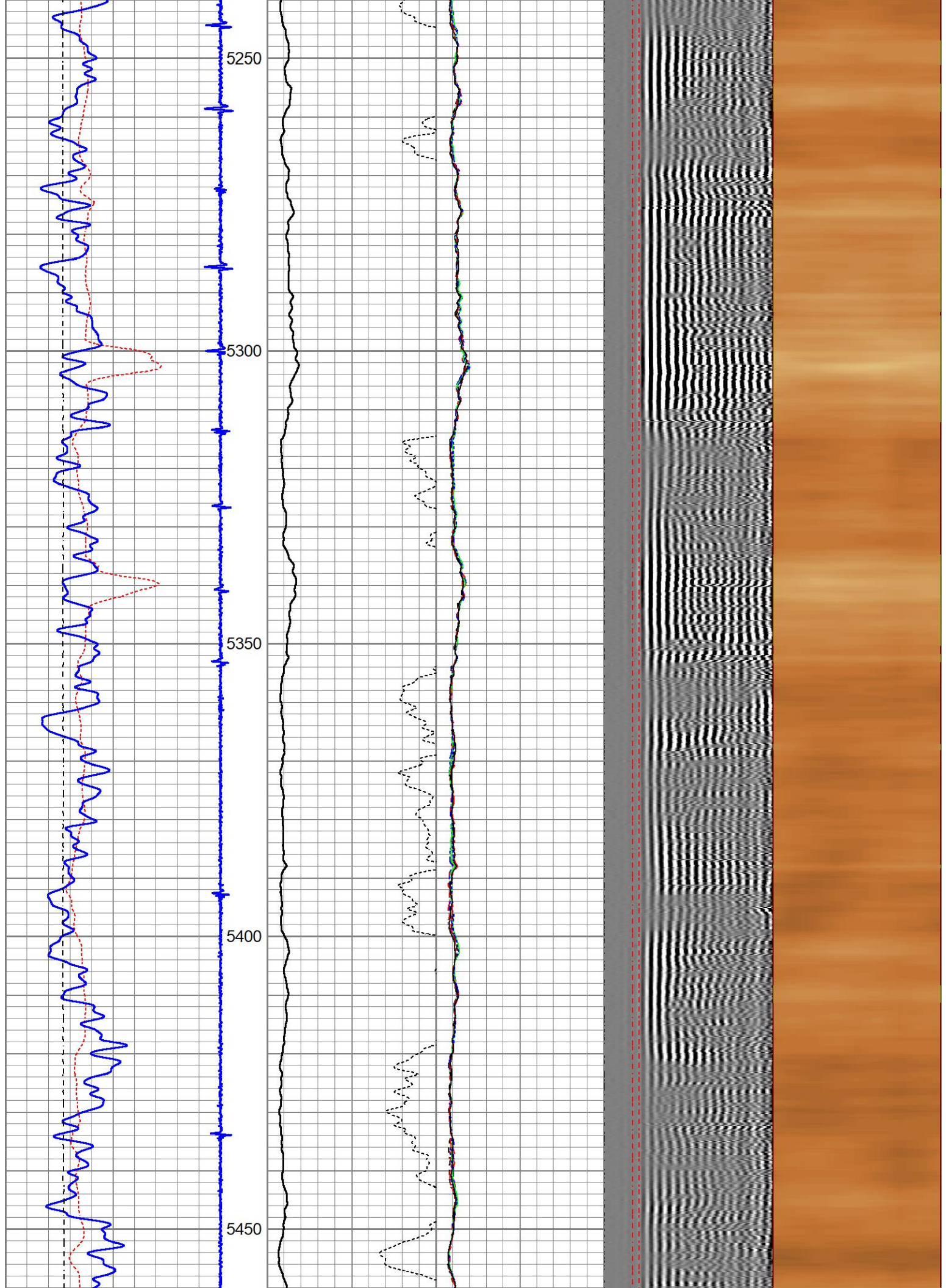


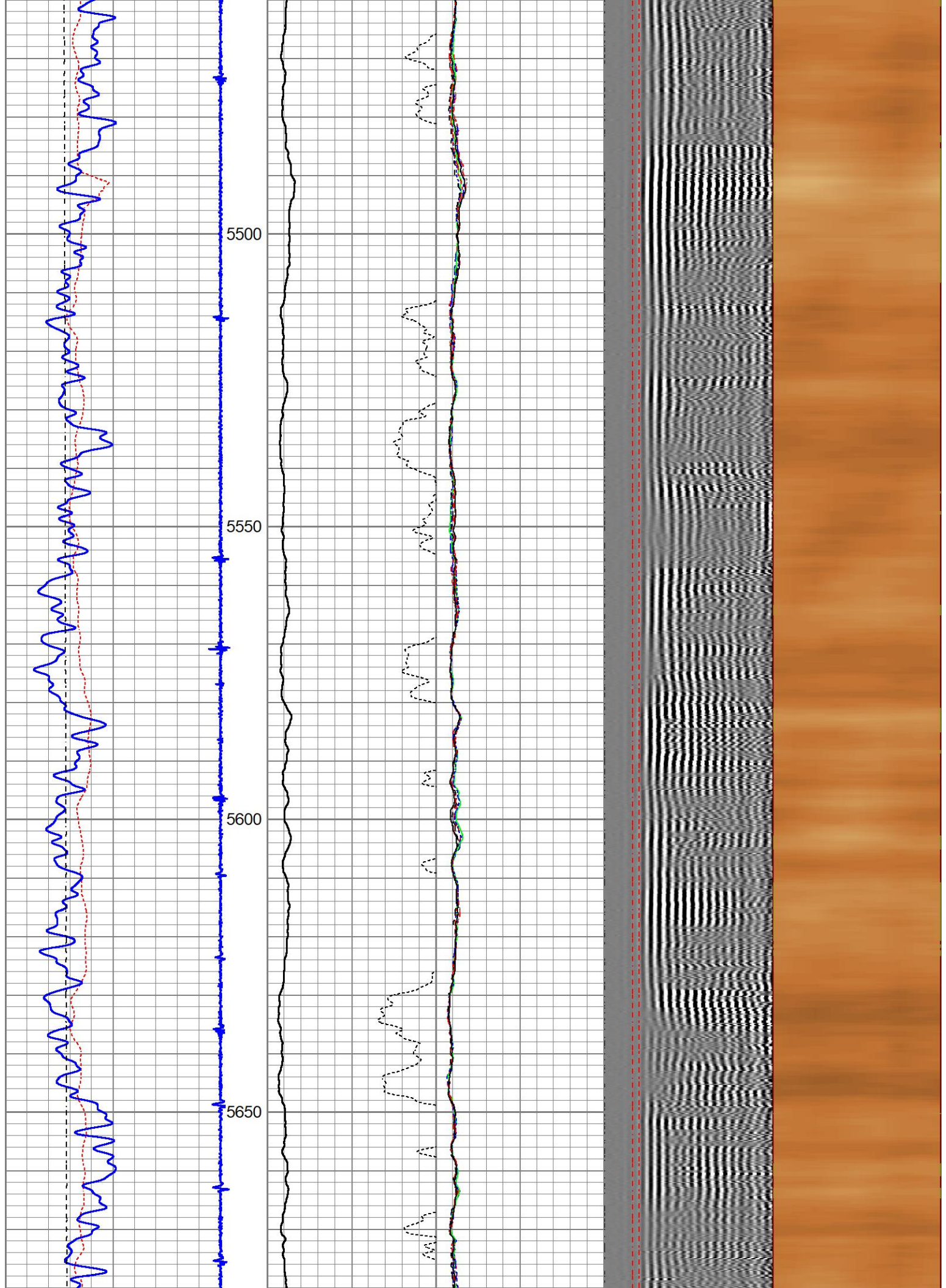


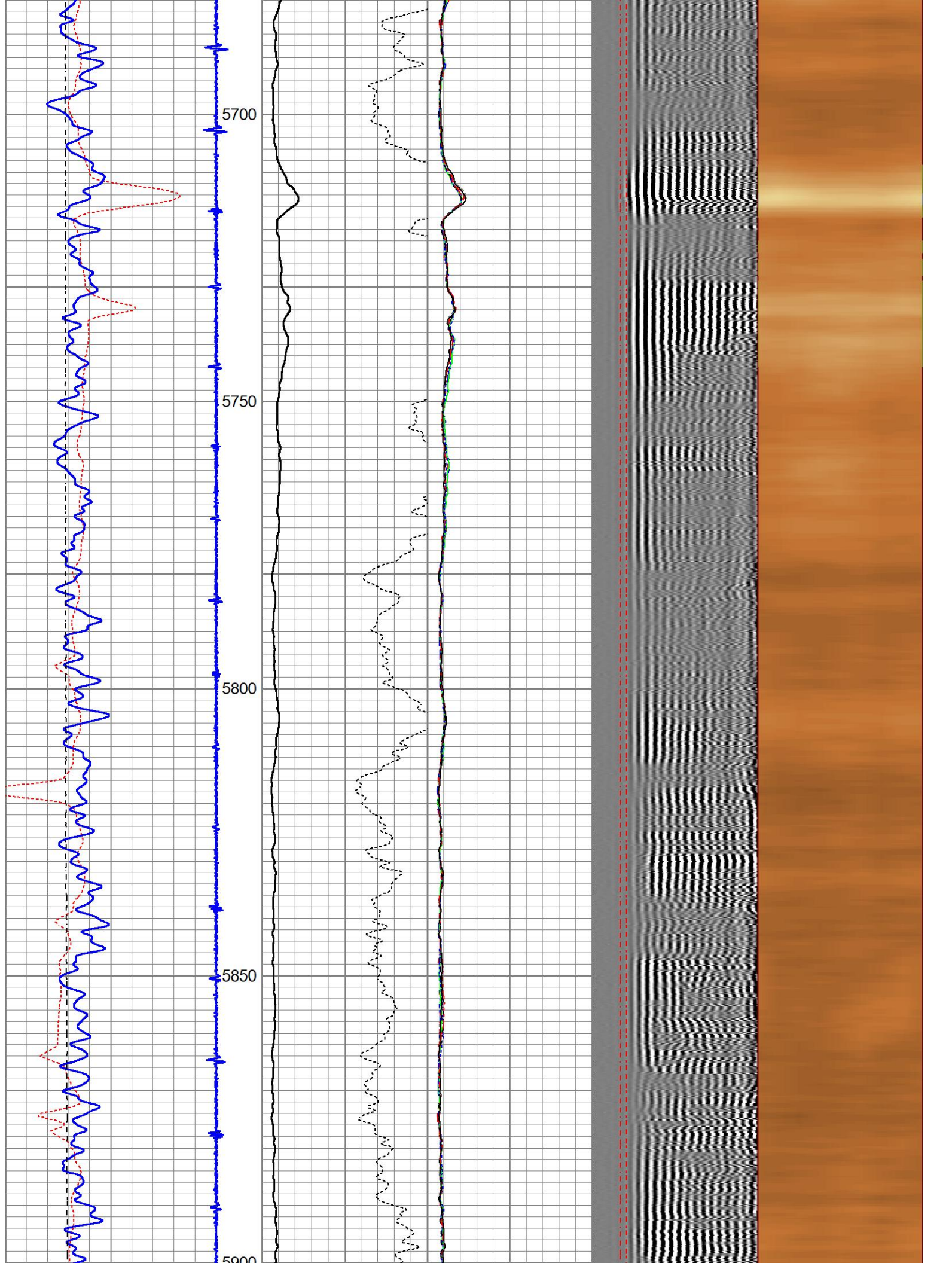


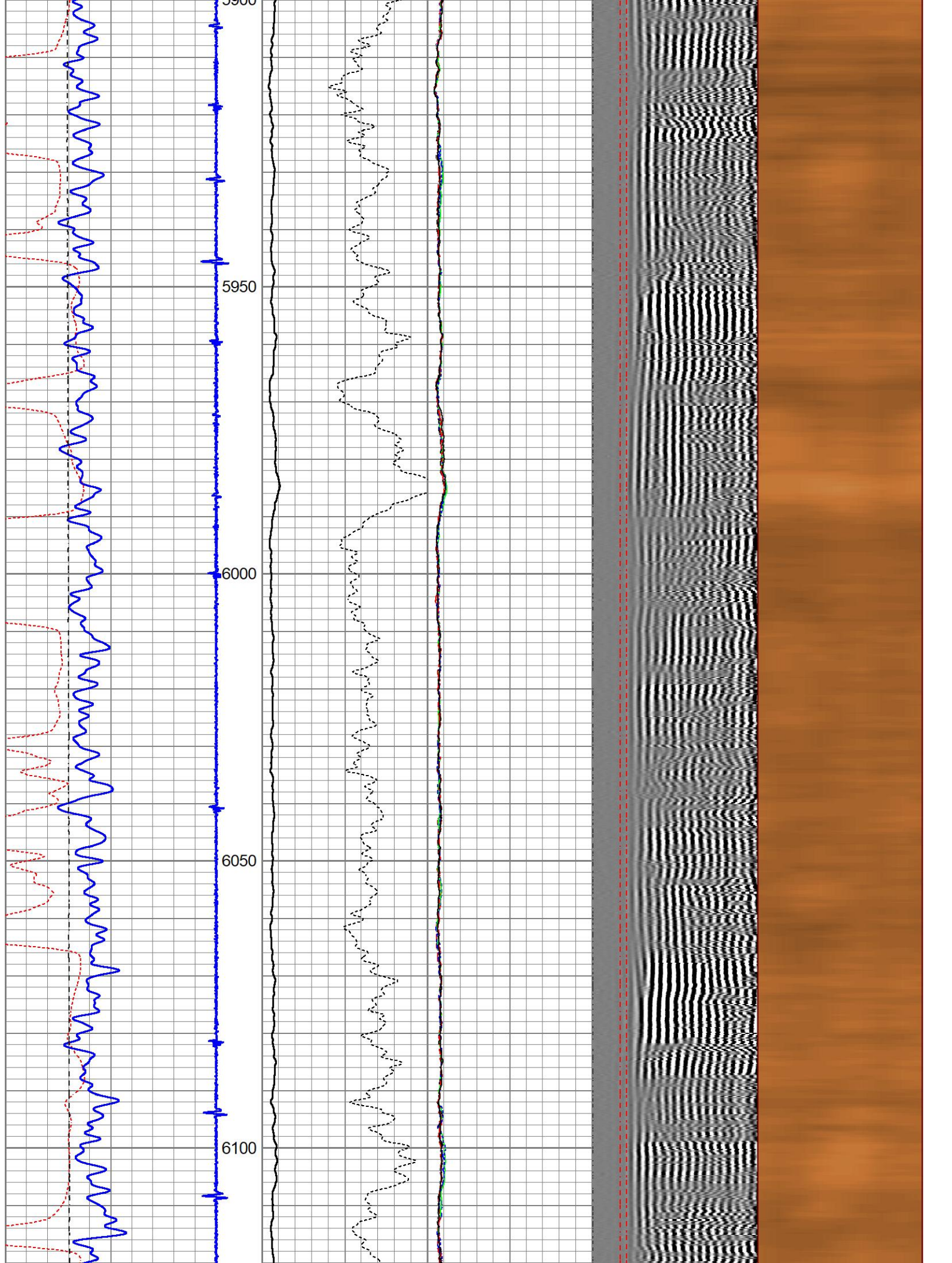


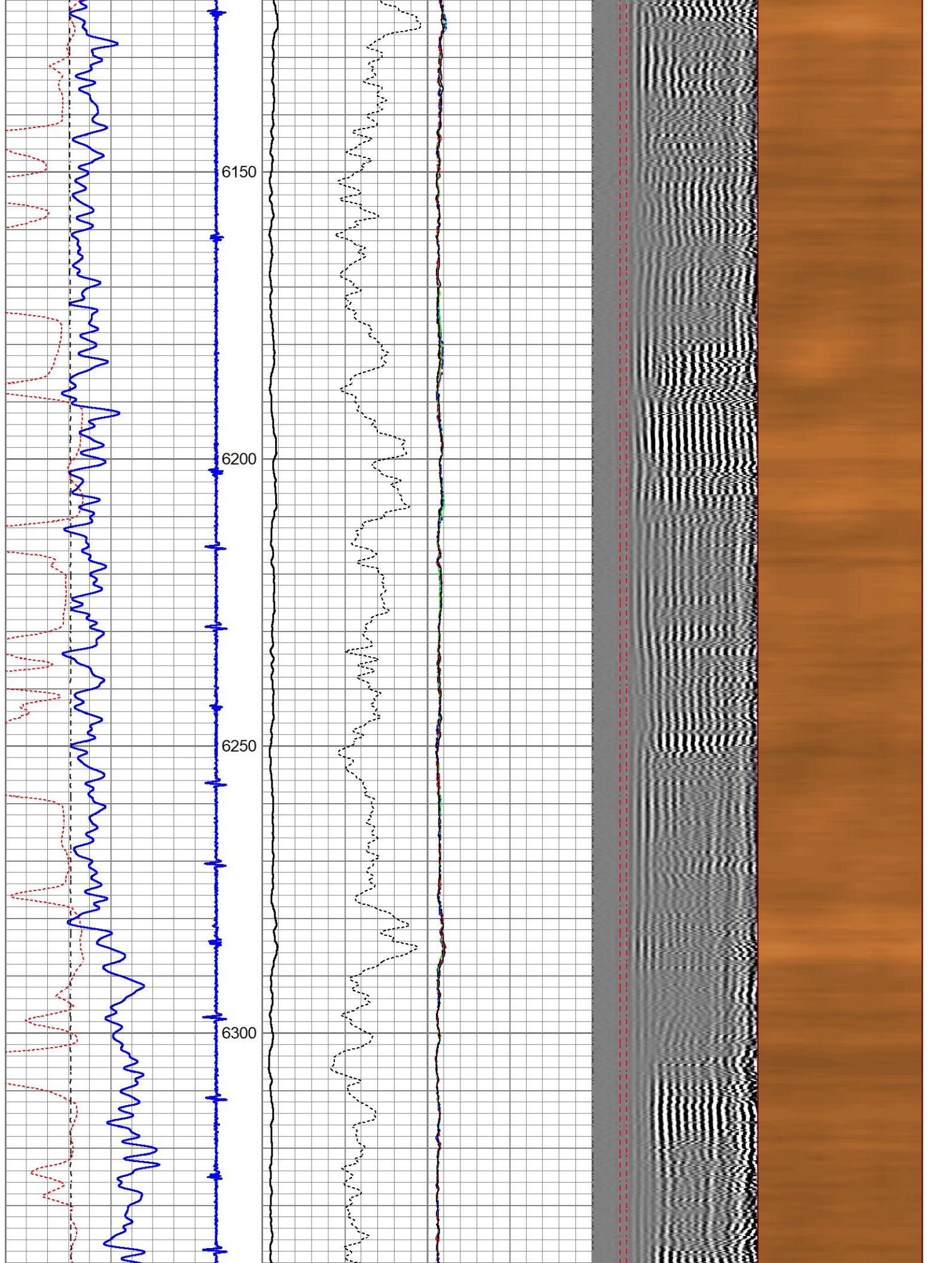


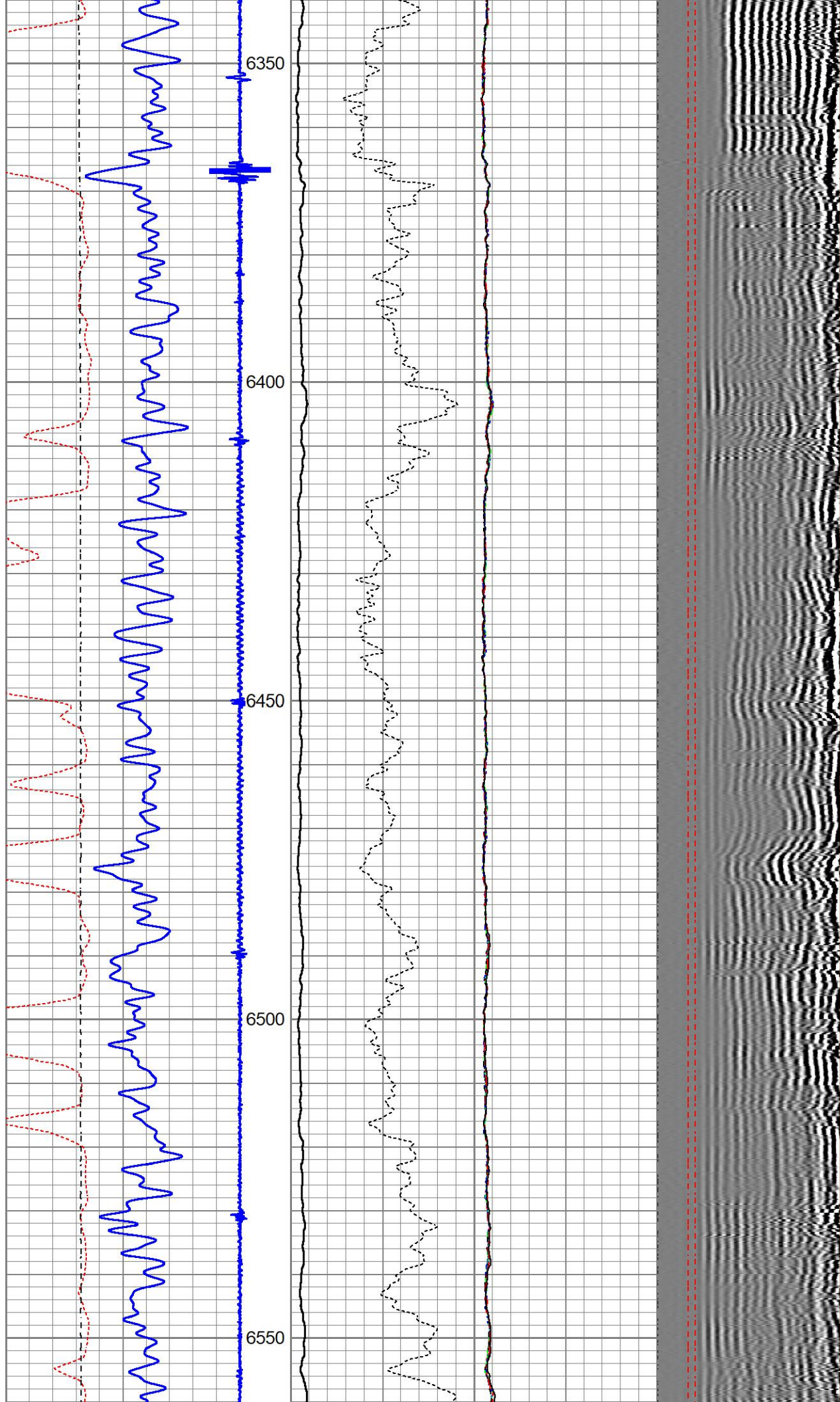


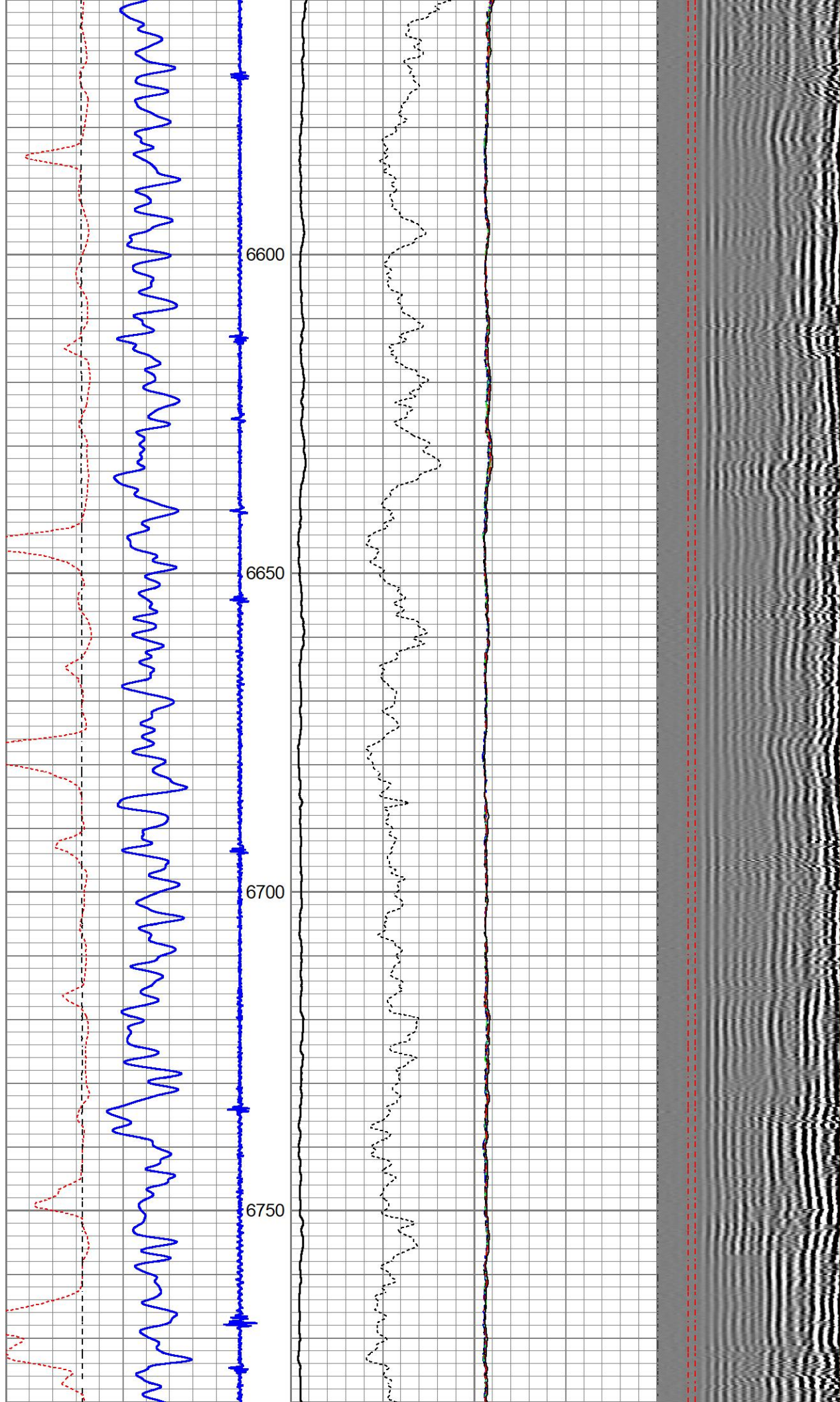


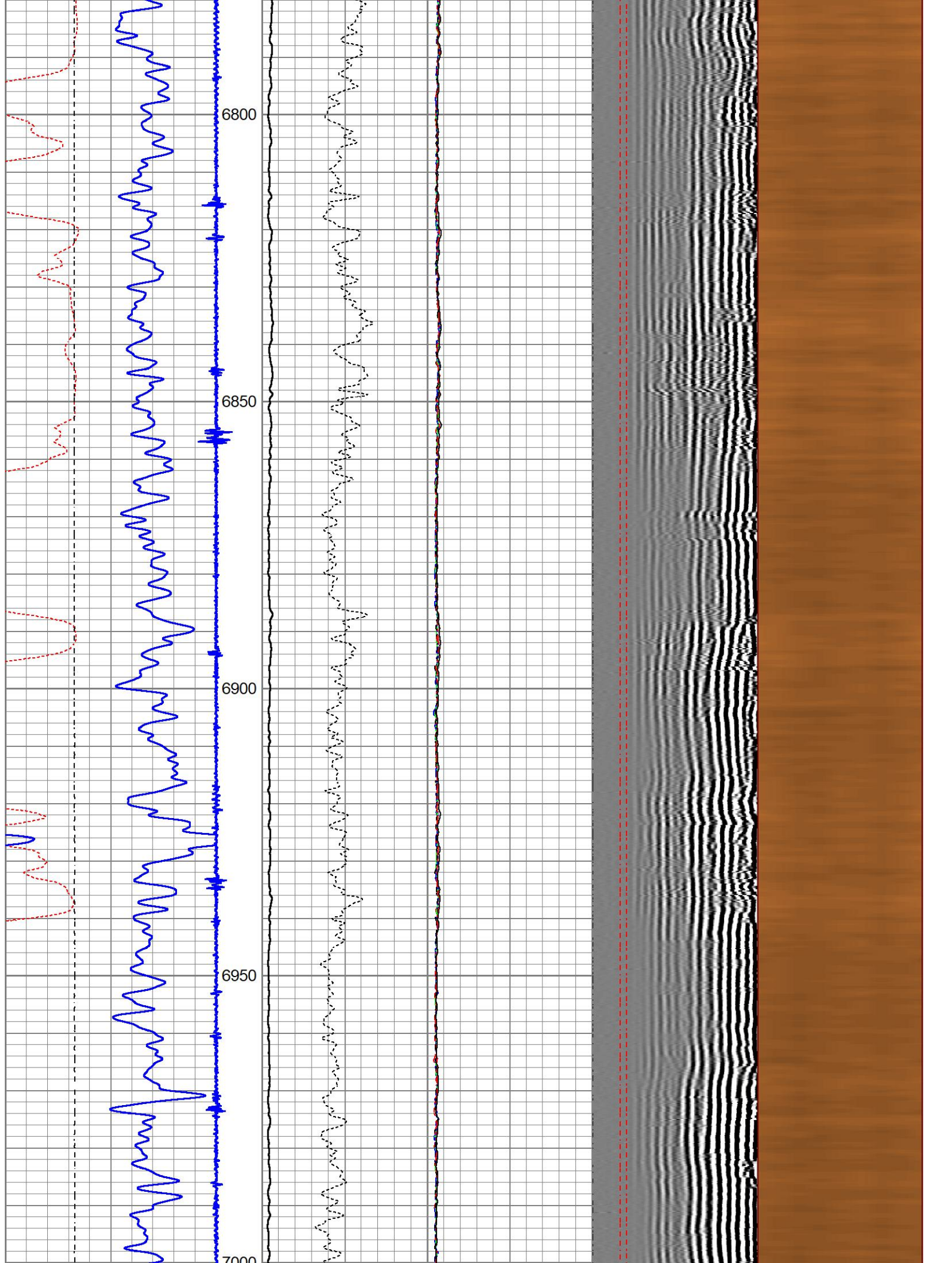


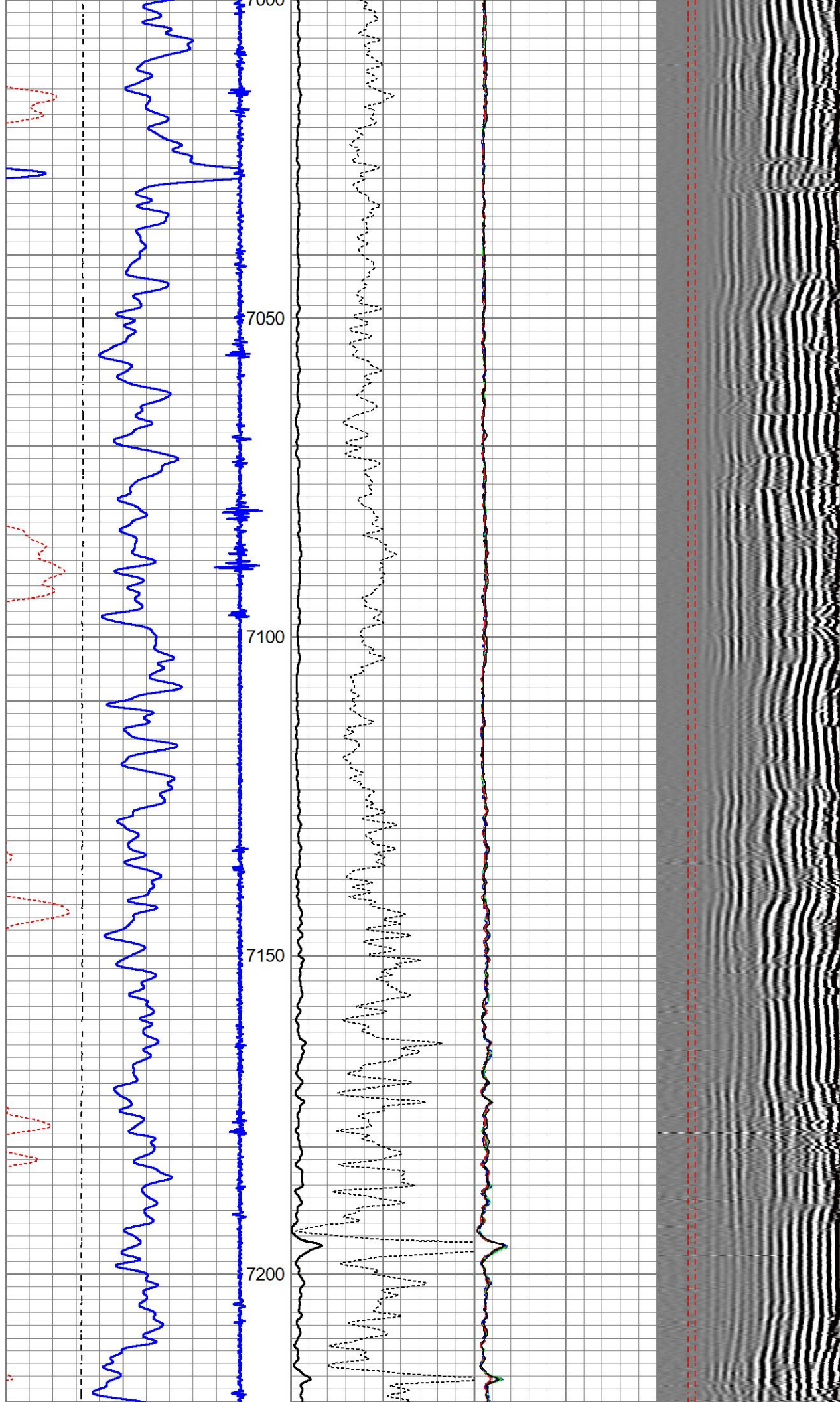


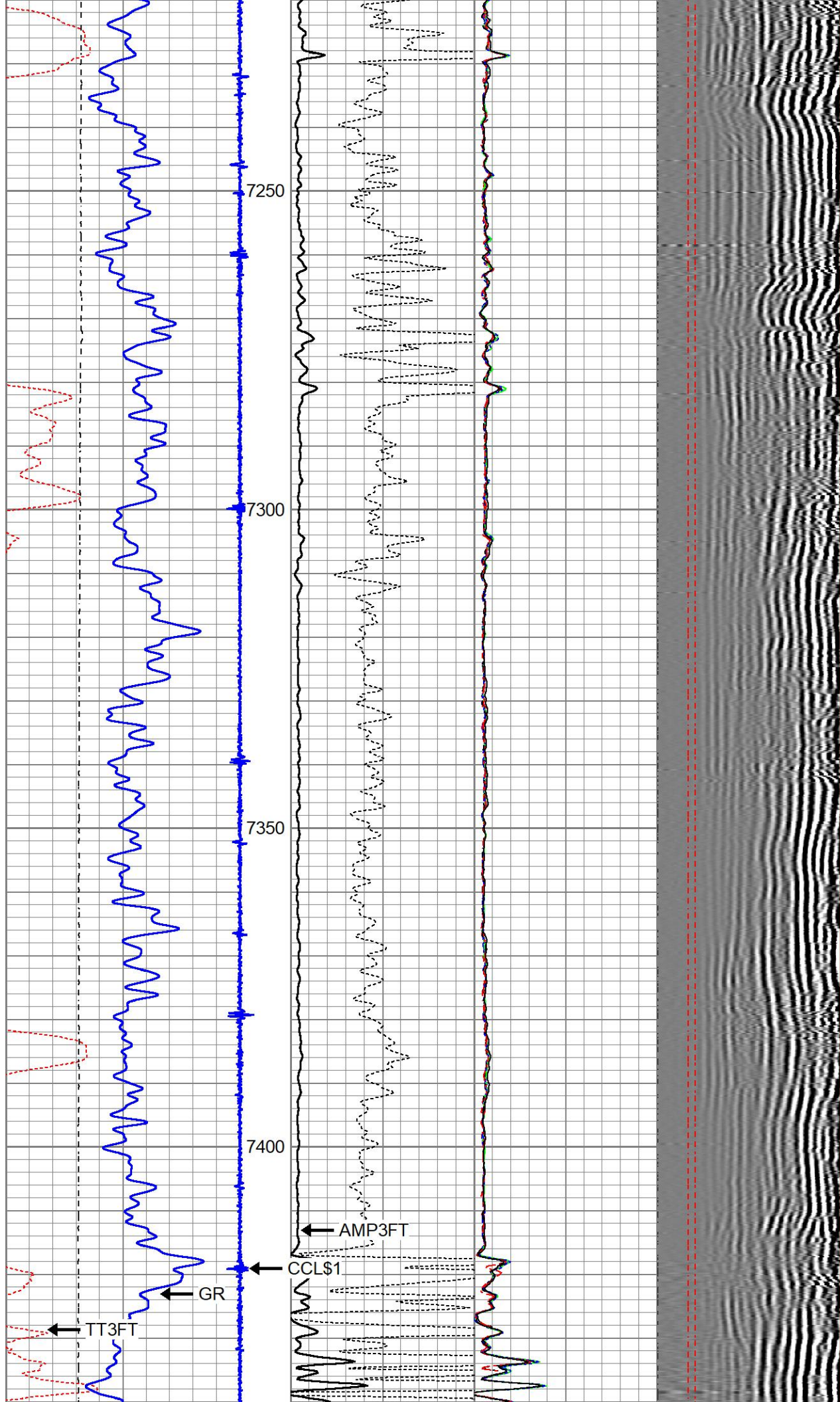


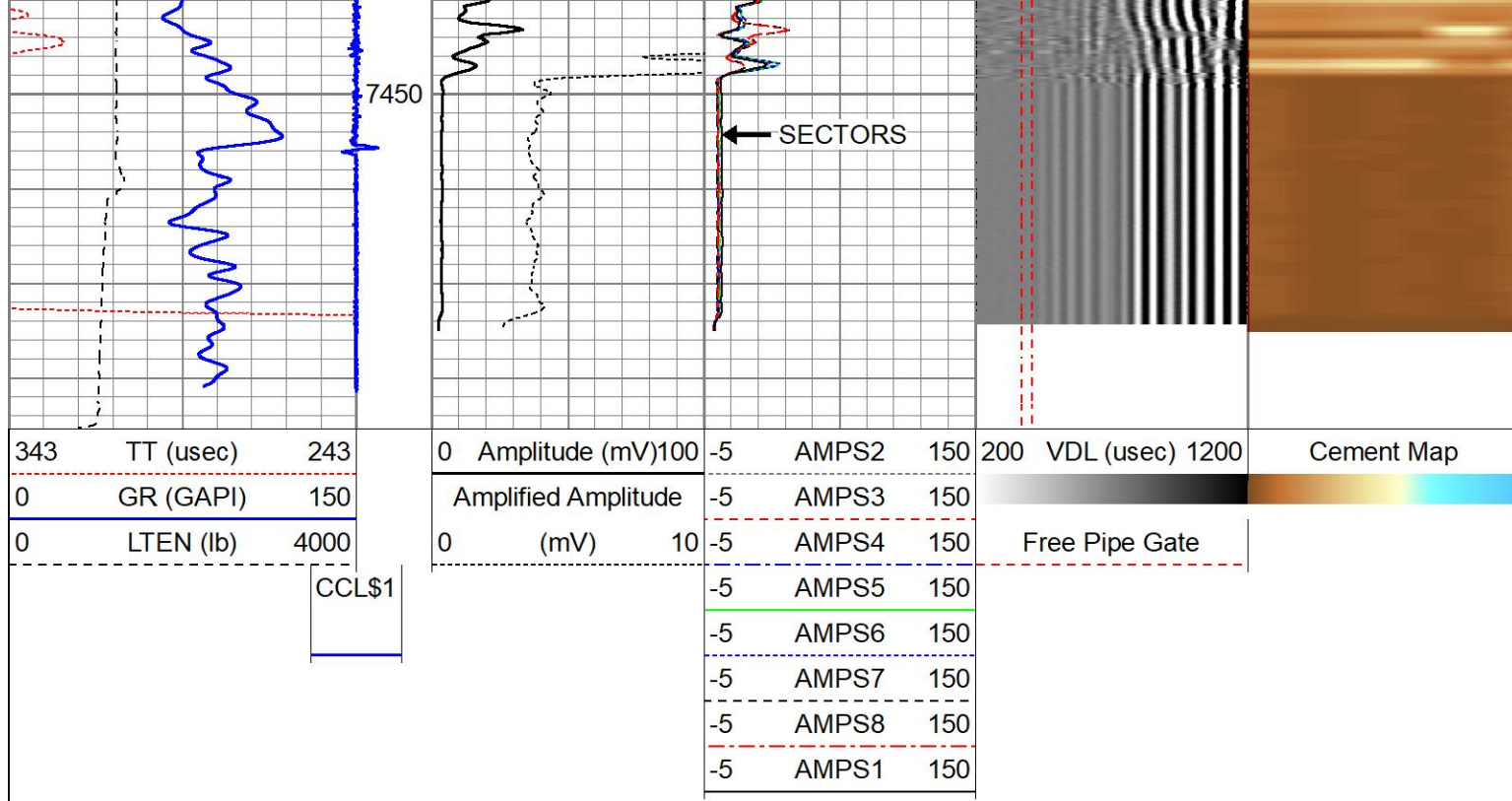






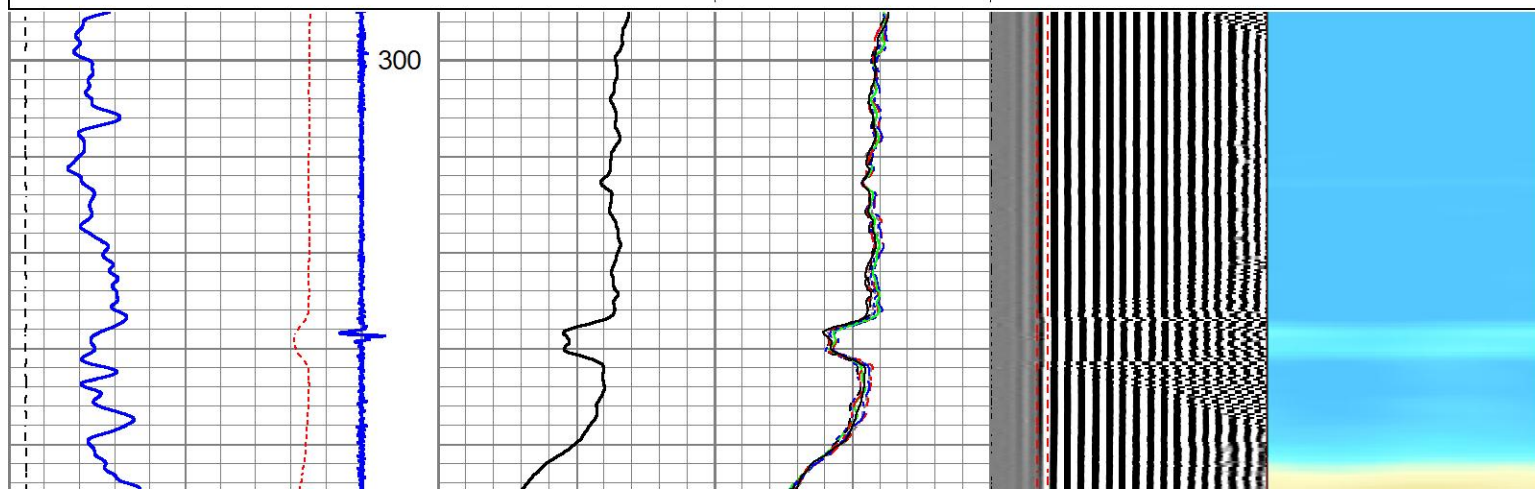
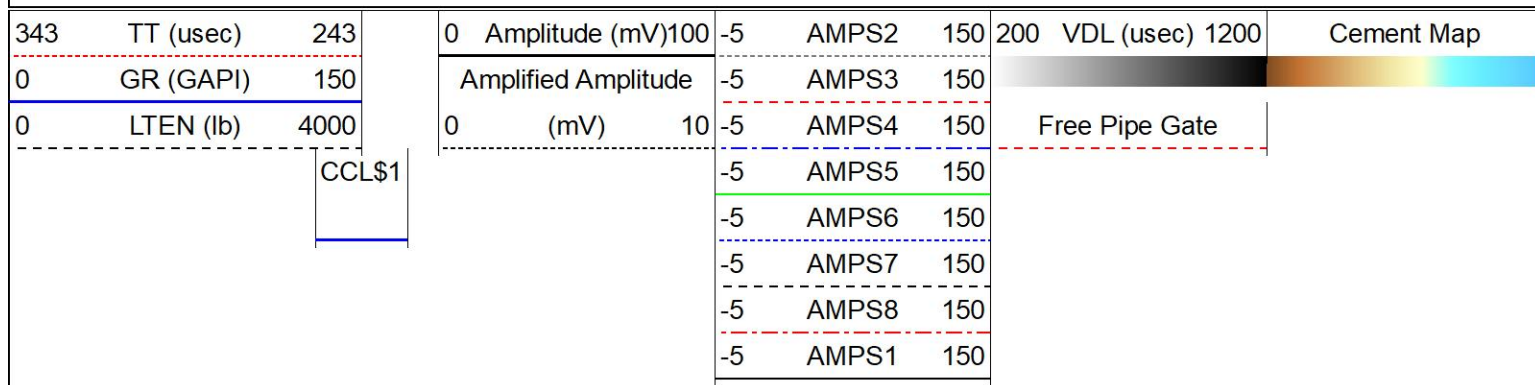


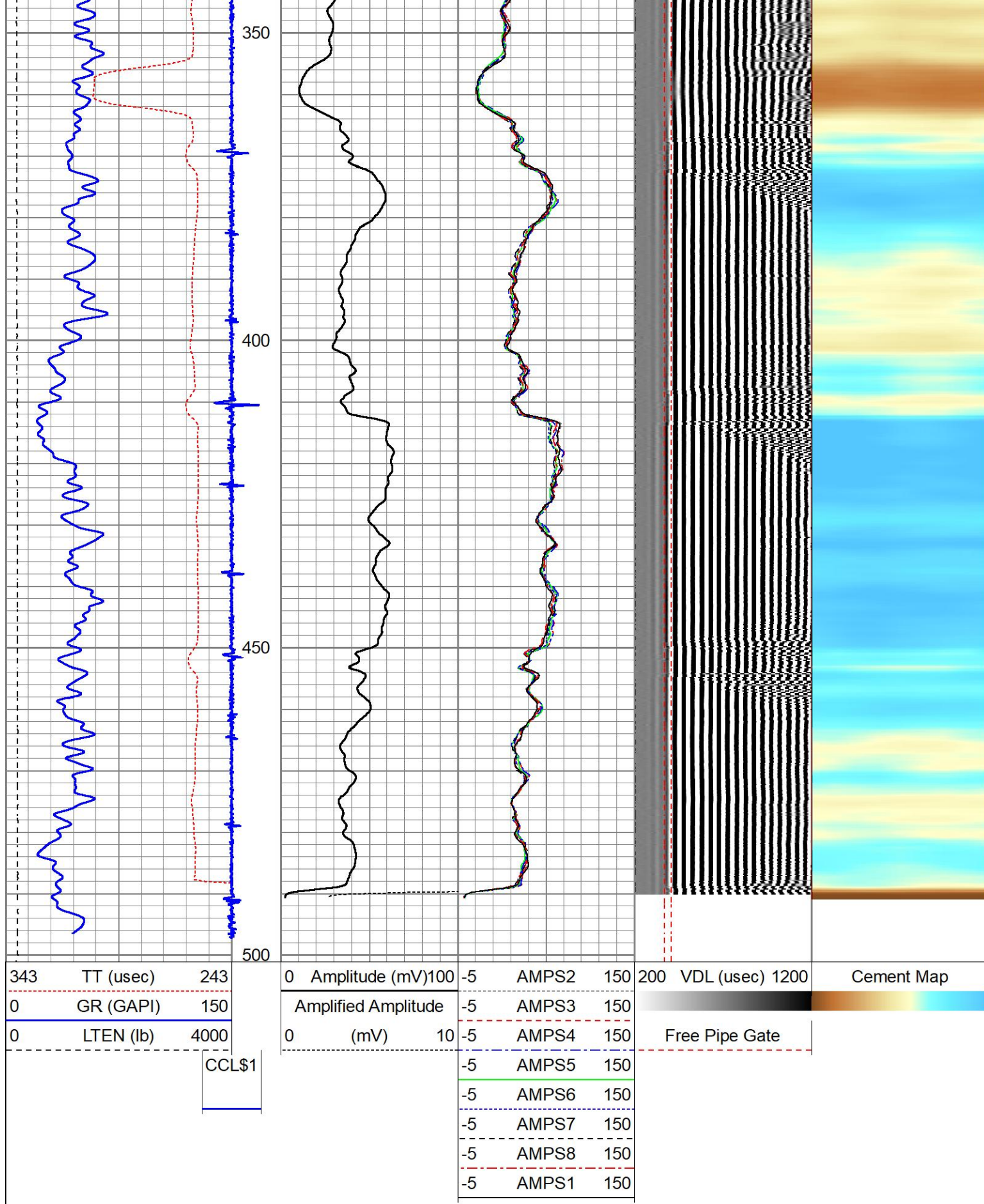




REPEAT PASS (5"=100') 0 PSI

Database File: nuevada_ardourel_3hl.db
 Dataset Pathname: pass3
 Presentation Format: rbl55
 Dataset Creation: Thu May 16 10:27:07 2024
 Charted by: Depth in Feet scaled 1:240





Calibration Report

Database File nuevada_ardourel_3hl.db
 Dataset Pathname pass2
 Dataset Creation Thu May 16 09:03:59 2024

Gamma Ray Calibration Report

Serial Number:	FW1305-88	
Tool Model:	50-GCT275-0000	
Performed:	Mon Jan 9 16:18:48 2023	
Calibrator Value:	168.0	GAPI
Background Reading:	78.8	cps
Calibrator Reading:	300.5	cps
Sensitivity:	0.7577	GAPI/cps

Inclinometer Calibration Report

Performed:	(Not Performed)				
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	0.00	1.00	0.00	1.00	gee
Y Accelerometer	0.00	1.00	0.00	1.00	gee
Z Accelerometer	0.00	1.00	0.00	1.00	gee

Segmented Cement Bond Log Calibration Report

Serial Number:	FW1401-05	
Tool Model:	Probe275acc	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	47.908	ft

Master Calibration, performed Thu May 16 08:25:26 2024:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.011	0.673	1.500	71.921	102.992	2.629
CAL	0.000	0.616				
5'	-0.004	0.526	1.500	71.921	132.812	2.039
SUM						
S1	-0.006	0.690	0.000	95.000	136.515	0.866
S2	-0.003	0.701	0.000	95.000	135.063	0.388
S3	-0.002	0.685	0.000	95.000	138.376	0.238
S4	-0.004	0.652	0.000	95.000	144.721	0.631
S5	-0.007	0.637	0.000	95.000	147.372	1.079
S6	-0.008	0.641	0.000	95.000	146.398	1.207
S7	-0.005	0.640	0.000	95.000	147.129	0.791
S8	-0.007	0.658	0.000	95.000	142.927	0.991

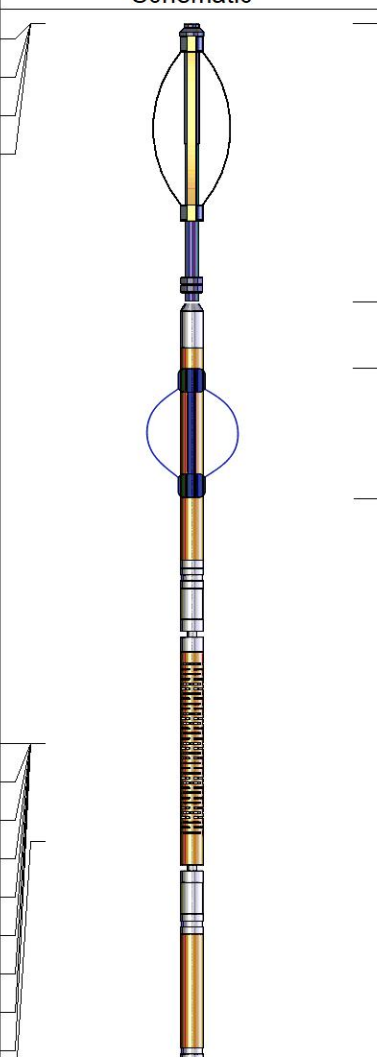
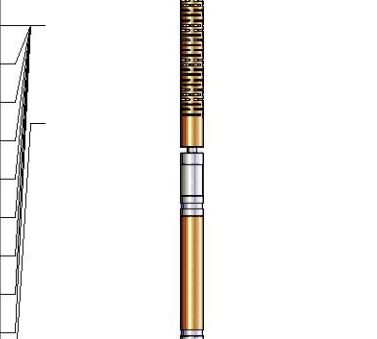
Internal Reference Calibration, performed (Not Performed):


	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.000	0.616	1.000	0.000


Air Zero Calibration, performed Thu May 16 08:21:39 2024:

	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:	(Not Performed)				
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	0.00	1.00	0.00	1.00	gee
Y Accelerometer	0.00	1.00	0.00	1.00	gee
Z Accelerometer	0.00	1.00	0.00	1.00	gee

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GCT_FMWR	19.19		CENT-PTS275	2.83	2.75	
mSec_Count	19.19					
RBT_Status	19.19					
Error_Ct	19.19					
			SO BS CENT-2750-4500 Slip Over 2-3/4" I.D. for 7.00" O.D. Casing Bow Spring Centralizer	1.33	3.25	10.00
			RBT8acc-Probe275acc (FW1401-05) 2.75" Radial Corrosion with accelerometer	8.75	2.75	110.00
WVFS8	11.85					
WVFS7	11.85					
WVFS6	11.85					
WVFS5	11.85					
WVFS4	11.85					
WVFS3	11.85					
WVFS2	11.85					
WVFS1	11.85					
WVF3FT	11.85					

WVF5FT	10.85		CENT-PTS275	2.83	2.75	
RBT_HV	7.60					
RBT_ACCZ	7.60					
RBT_ACCY	7.60					
RBT_ACCX	7.60					
WVFSYNC	7.60					
WVFCAL	7.60					
GCT_HV	4.76					
CCL\$2	3.81					
CCL\$1	3.81					
GCT_Temp	3.26					
GR	2.39		SO BS CENT-2750-4500 Slip Over 2-3/4" I.D. for 7.00" O.D. Casing Bow Spring Centralizer	1.33	3.25	10.00
GCT_IntTemp	1.67		GCT_acc-50-GCT275-0000 (FW1305-88) Probe 2.75" Gamma Ray - CCL w/Temp (Single Pin)	4.77	2.75	55.00
GCT_ACCZ	0.00					
GCT_ACCY	0.00					
GCT_ACCX	0.00					
Dataset: nuevada_ardourel_3hl.db: field/well/run1/pass2 Total length: 19.19 ft Total weight: 185.00 lb O.D.: 3.25 in						

Company	NUEVIDA RESOURCES LLC				
Well	ARDOUREL #3HL				
Field	MANCOS				
County	LA PLATA		State	COLORADO	
			RADIAL BOND GAMMA RAY / CCL LOG		