



**RADIAL CEMENT BOND  
GAMMA RAY  
CCL**

**Company VERDAD OIL AND GAS CORP**  
**Well JACKSON 33-6H**  
**Field WATTENBERG**  
**County WELD State CO**

**Location:** API # : 05-123-46494-0000

SHL 283' FNL 1081' FWL

SEC 33 TWP 2N RGE 64W

Other Services  
**NONE**

Permanent Datum GL  
Log Measured From KB 16'  
Drilling Measured From KB  
Elevation 5016'

Elevation  
K.B. 5032'  
D.F. 5031'  
G.L. 5016'

Date 4-19-18

Run Number	1		
Depth Driller	12689'		
Depth Logger	7365'		
Bottom Logged Interval	7365'		
Top Log Interval	SURFACE		
Open Hole Size	8.50"		
Type Fluid	WATER		
Density / Viscosity	~8.3#		
Max. Recorded Temp.	N/A		
Estimated Cement Top	1215'		
Time Well Ready	N/A		
Time Logger on Bottom	N/A		
Equipment Number	W-200		
Location	WINDSOR, CO		
Recorded By	S LOPEZ		
Witnessed By			

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record	Size		Wgt/Ft		Top		Bottom
Surface String	9.625"		36#		SURFACE		1701'
Prot. String							
Production String	5.5"		20#		SURFACE		12683'
Liner							

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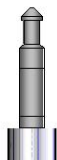
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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**

**RAN CBL TO VERIFY CEMENT BOND  
WELL LOADED BEFORE ARRIVAL**

**TOP OF MARKER JOINT @ 6441'**

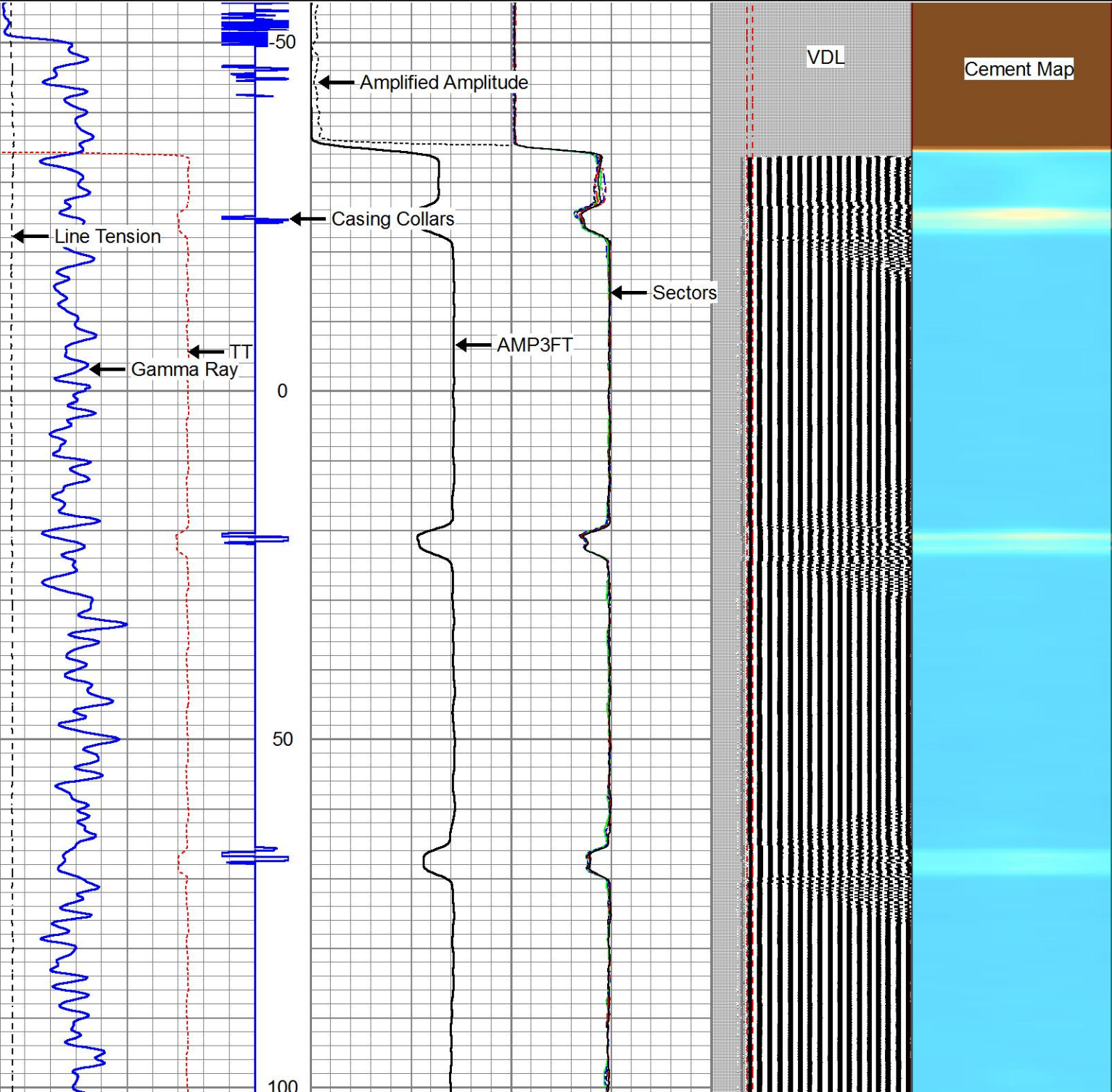
**THANK YOU FOR USING CUTTERS WIRELINE**

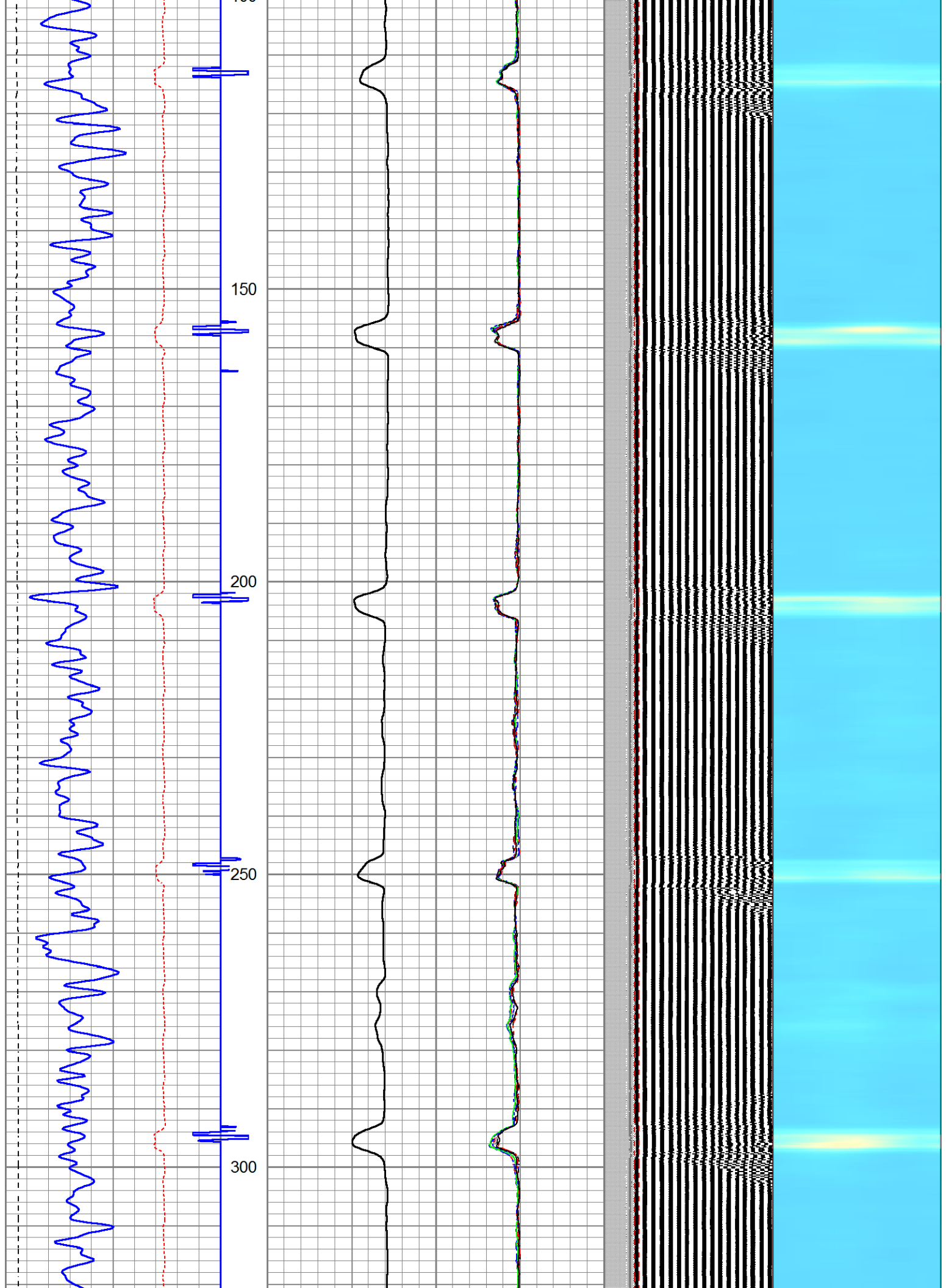
Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CHD-1.4375CHD Titan Cable Head 1 7/16	1.00	1.44	10.00

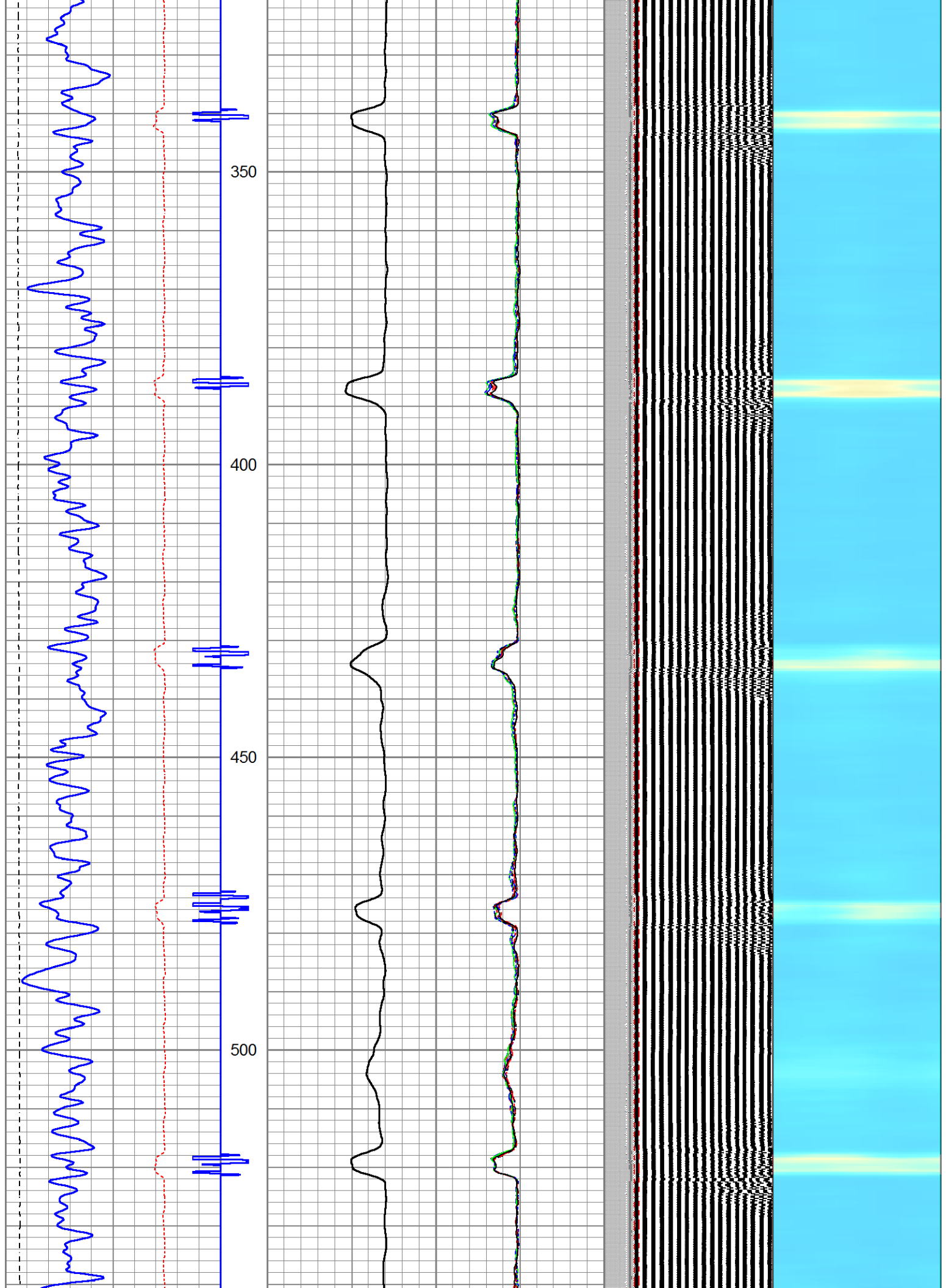
WVFS8	9.97		RBT-Probe (Pro101106) Probe 2.75" Radii Bond Tool	8.75	2.75	90.00
WVFS7	9.97					
WVFS6	9.97					
WVFS5	9.97					
WVFS4	9.97					
WVFS3	9.97					
WVFS2	9.97					
WVFS1	9.97					
WVFCAL	9.97					
WVF3FT	9.97					
WVF5FT	8.97					
DCCL	4.88					
CCL	4.88					
GR	3.54					
			GR-Probe275dig (PRO120885) Probe Digital Gamma CCL	4.78	2.75	57.00
TEMP	0.08		TEMP-Probe (080510) Probe 1 3/8" Temp	1.00	1.38	4.00
Dataset: jackson 33-6h.db: field/well/run1/pass3 Total length: 15.53 ft Total weight: 161.00 lb O.D.: 2.75 in						

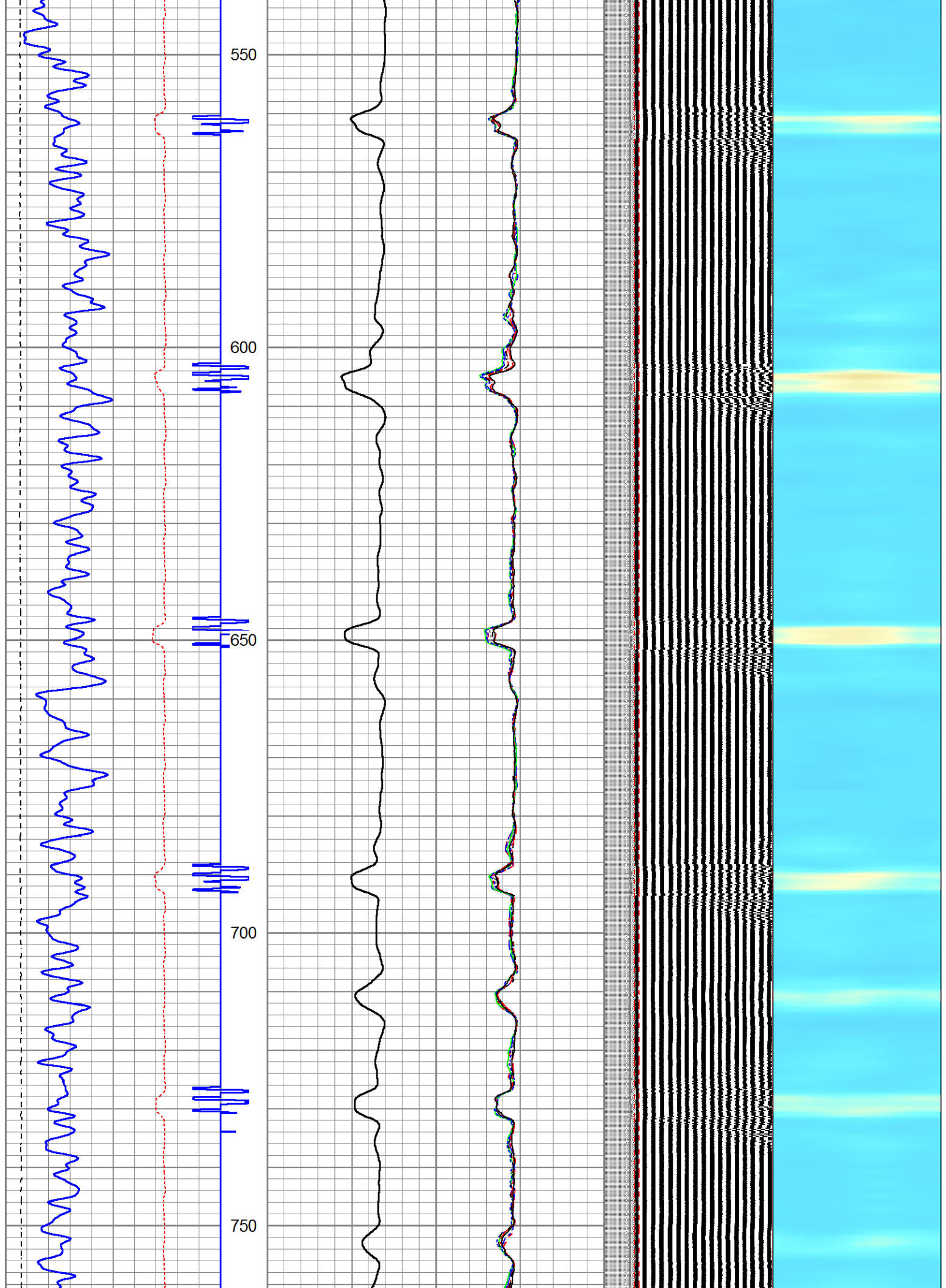
Database File      jackson 33-6h.db  
Dataset Pathname    pass3.1  
Presentation Format   rbl55  
Dataset Creation    Mon Apr 23 10:40:22 2018  
Charted by          Depth in Feet scaled 1:240

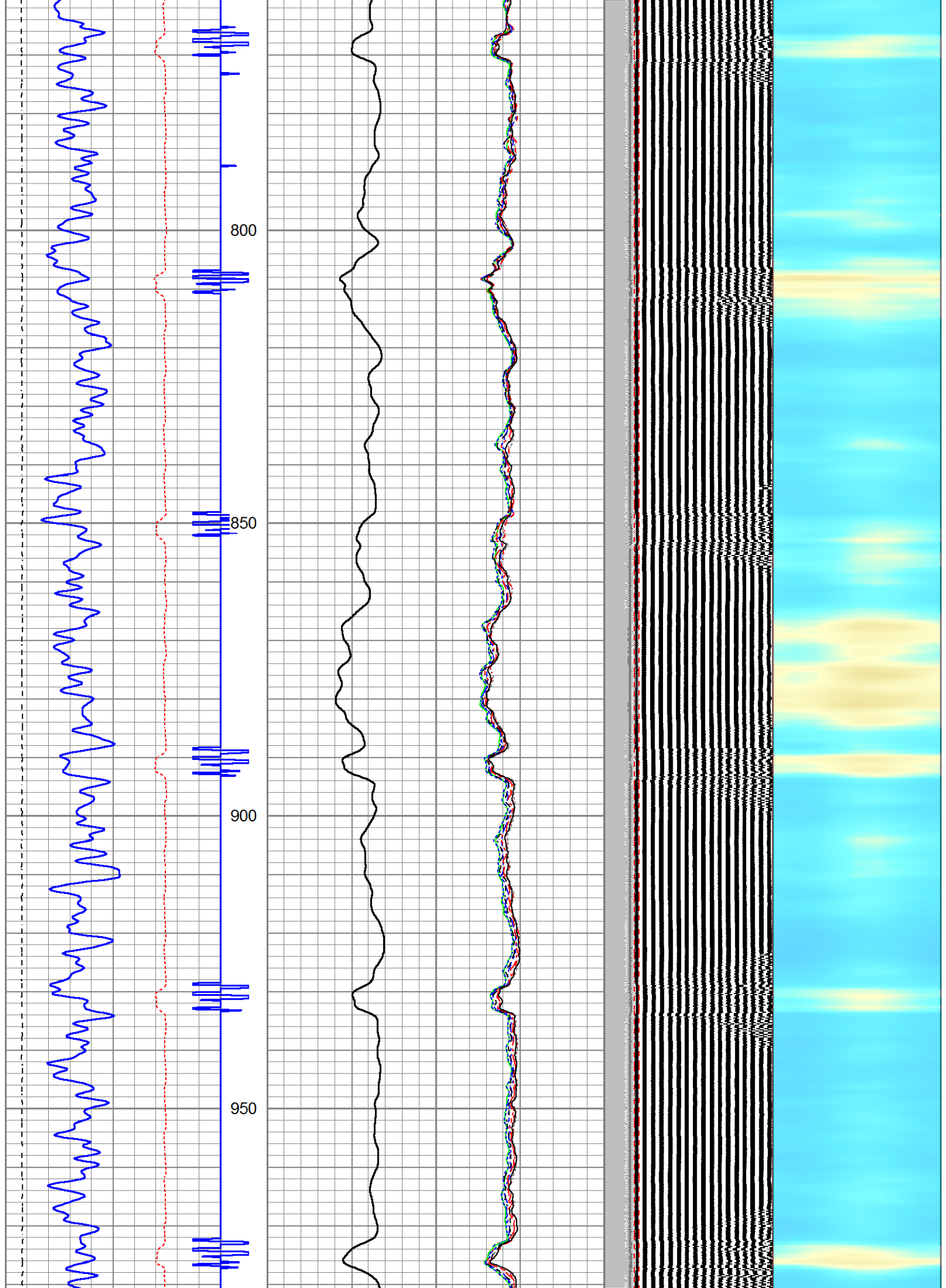
343	TT (usec)	243	0	Amplitude (mV)	100	-5	AMPS2	150	200	VDL (usec)	1200	Cement Map
0	GR (GAPI)	200		Amplified Amplitude		-5	AMPS3	150				
0	LTEN (lb)	4000	0	(mV)	10	-5	AMPS4	150	Free Pipe Gate			
						-5	AMPS5	150				
						-5	AMPS6	150				
						-5	AMPS7	150				
						-5	AMPS8	150				
						-5	AMPS1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

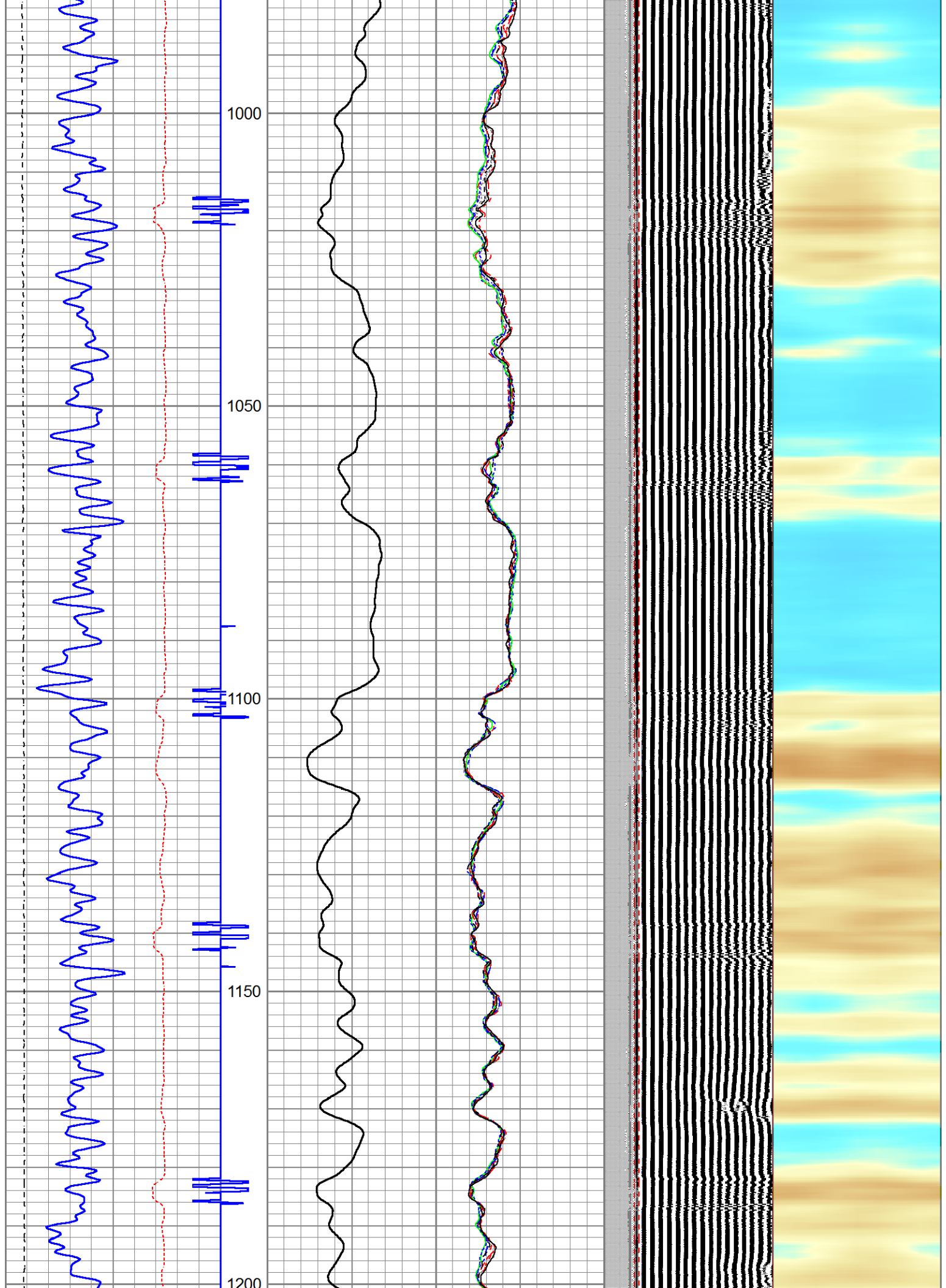












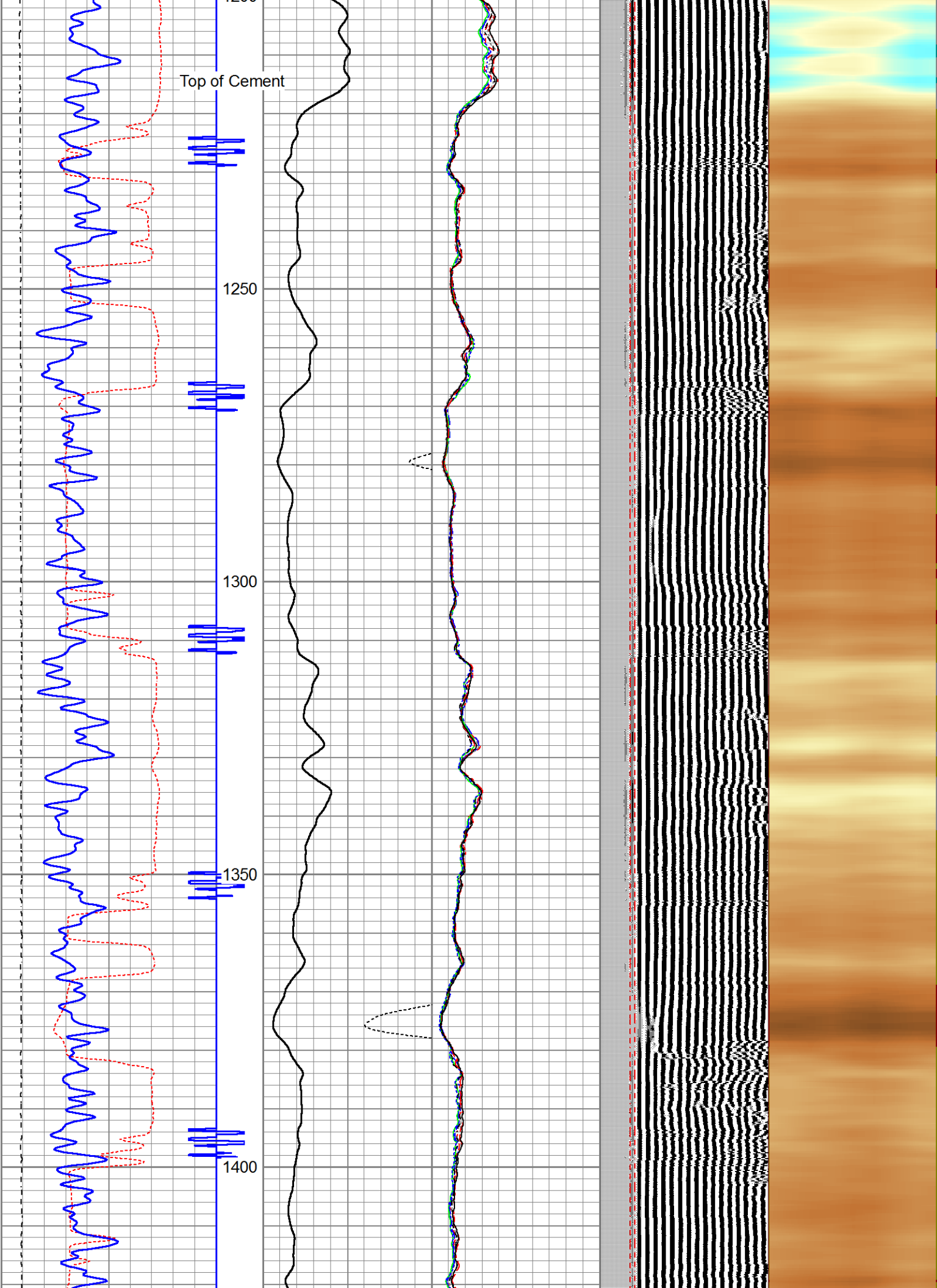
Top of Cement

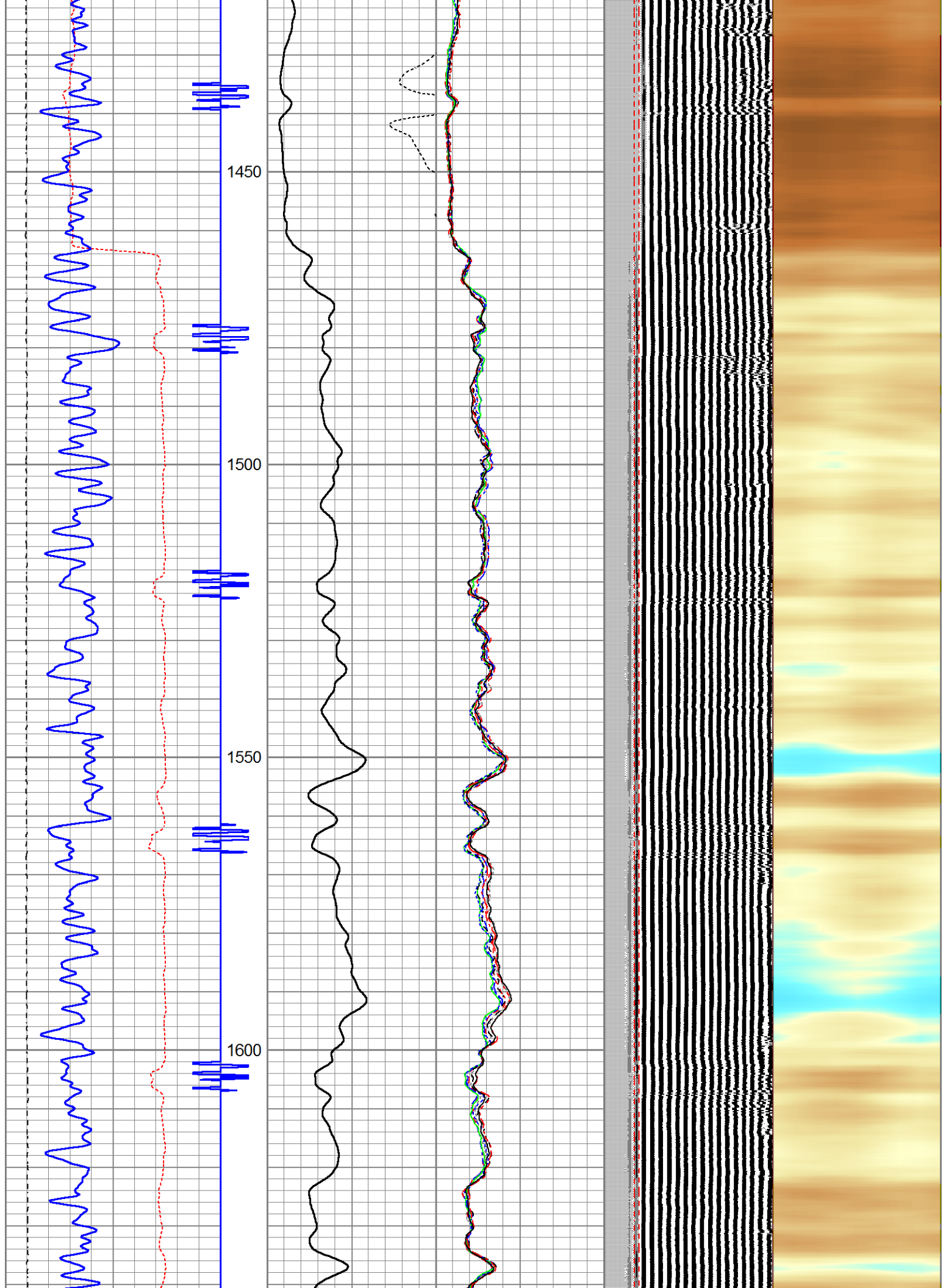
1250

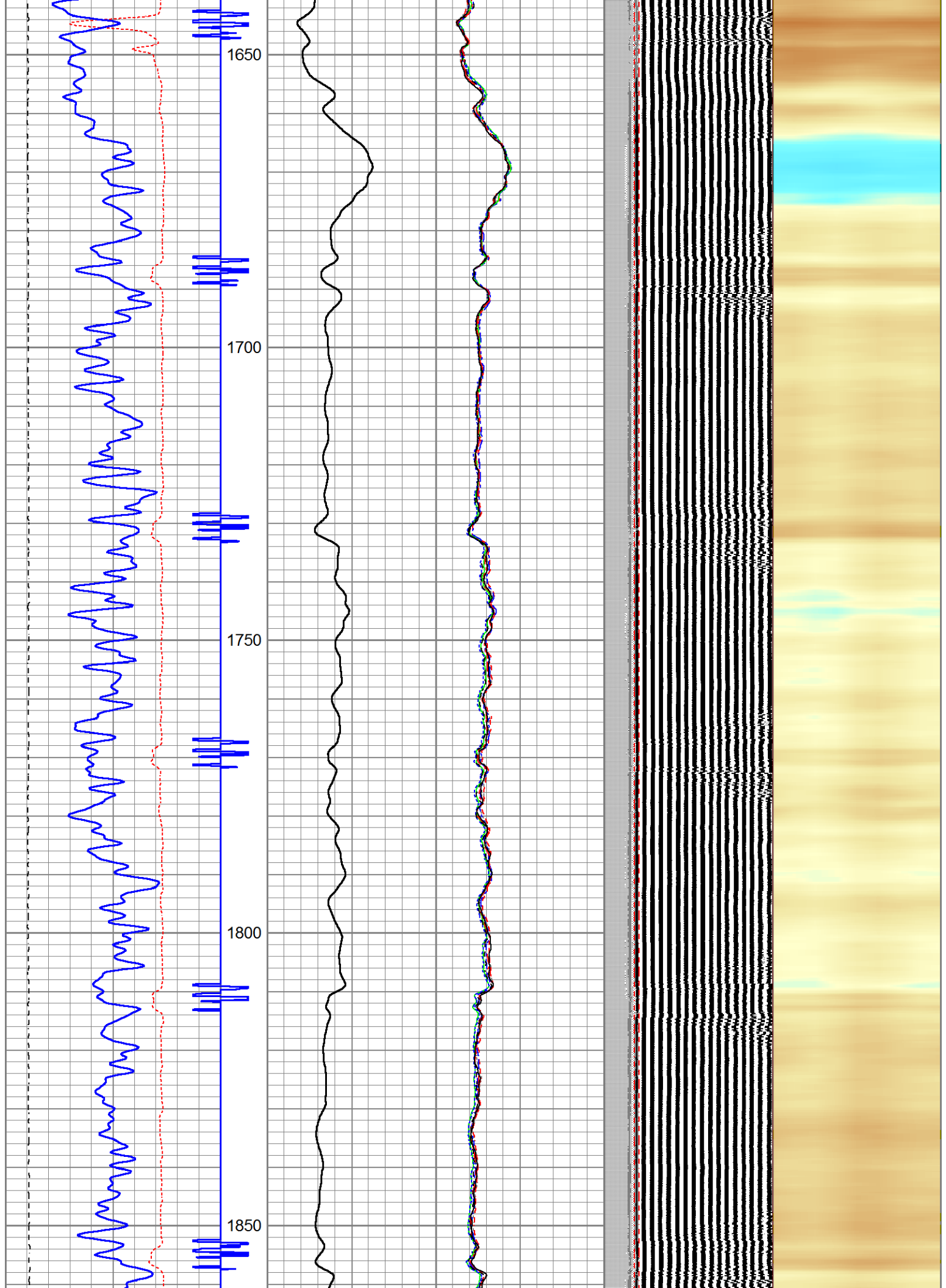
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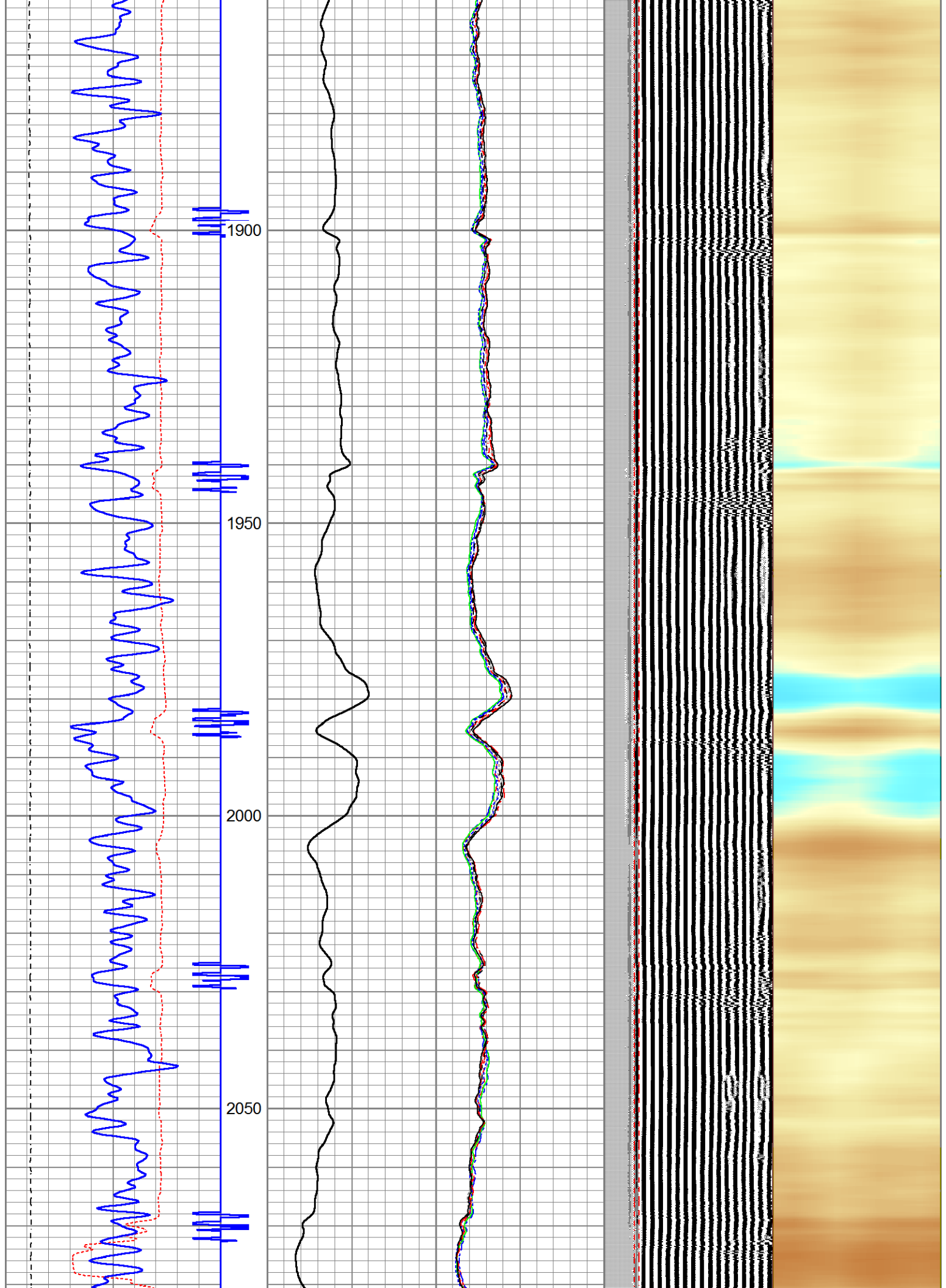
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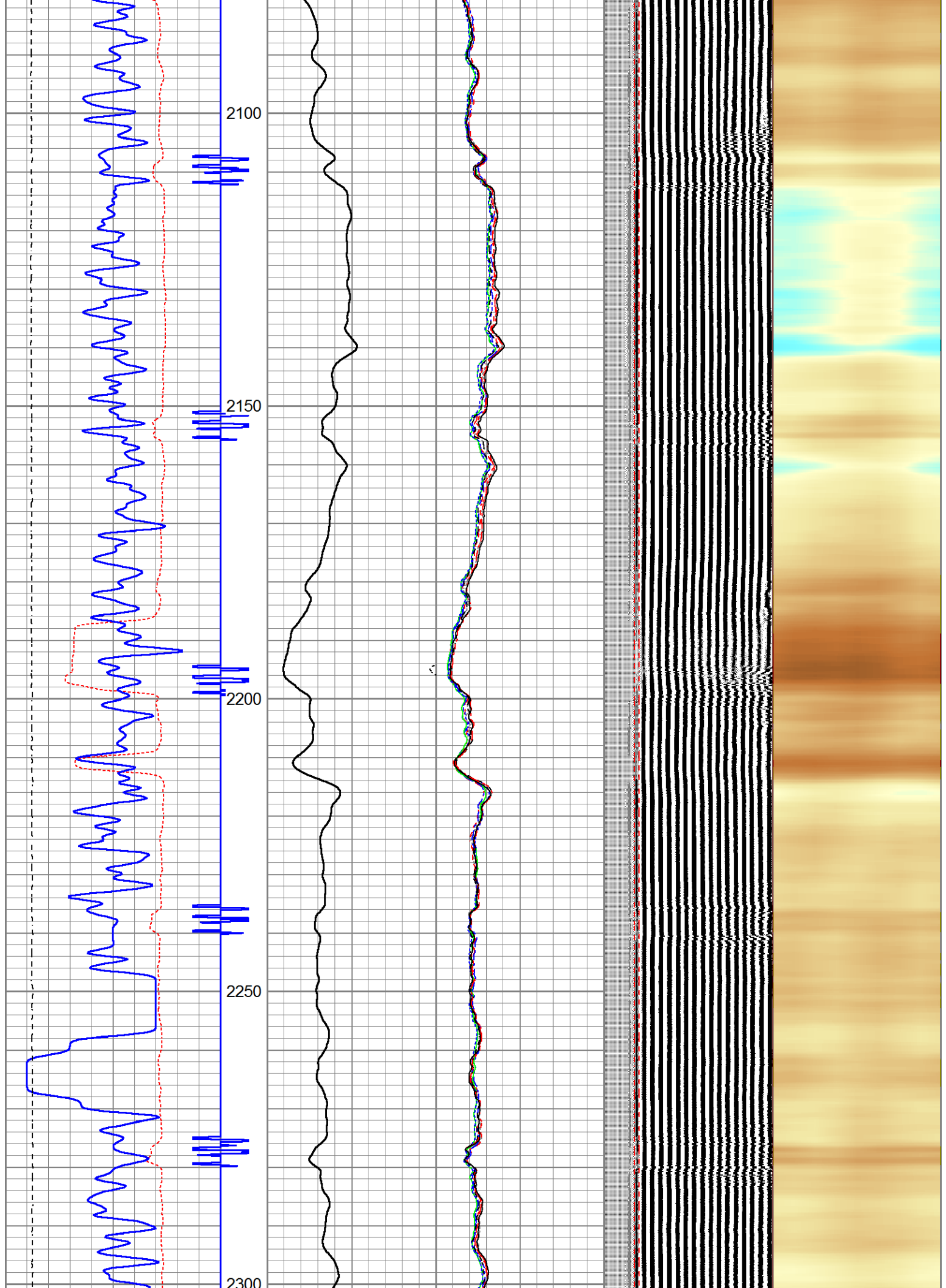
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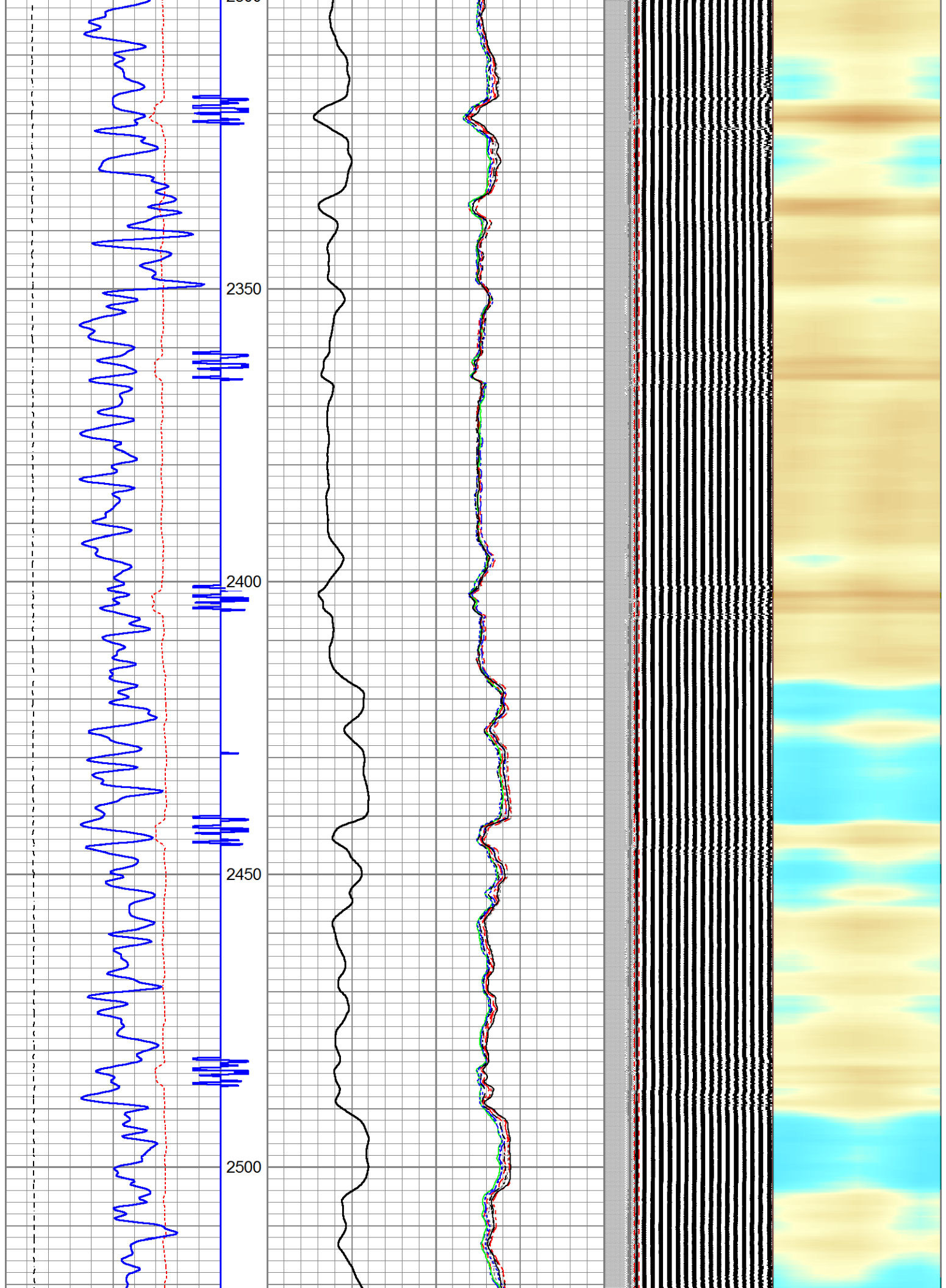


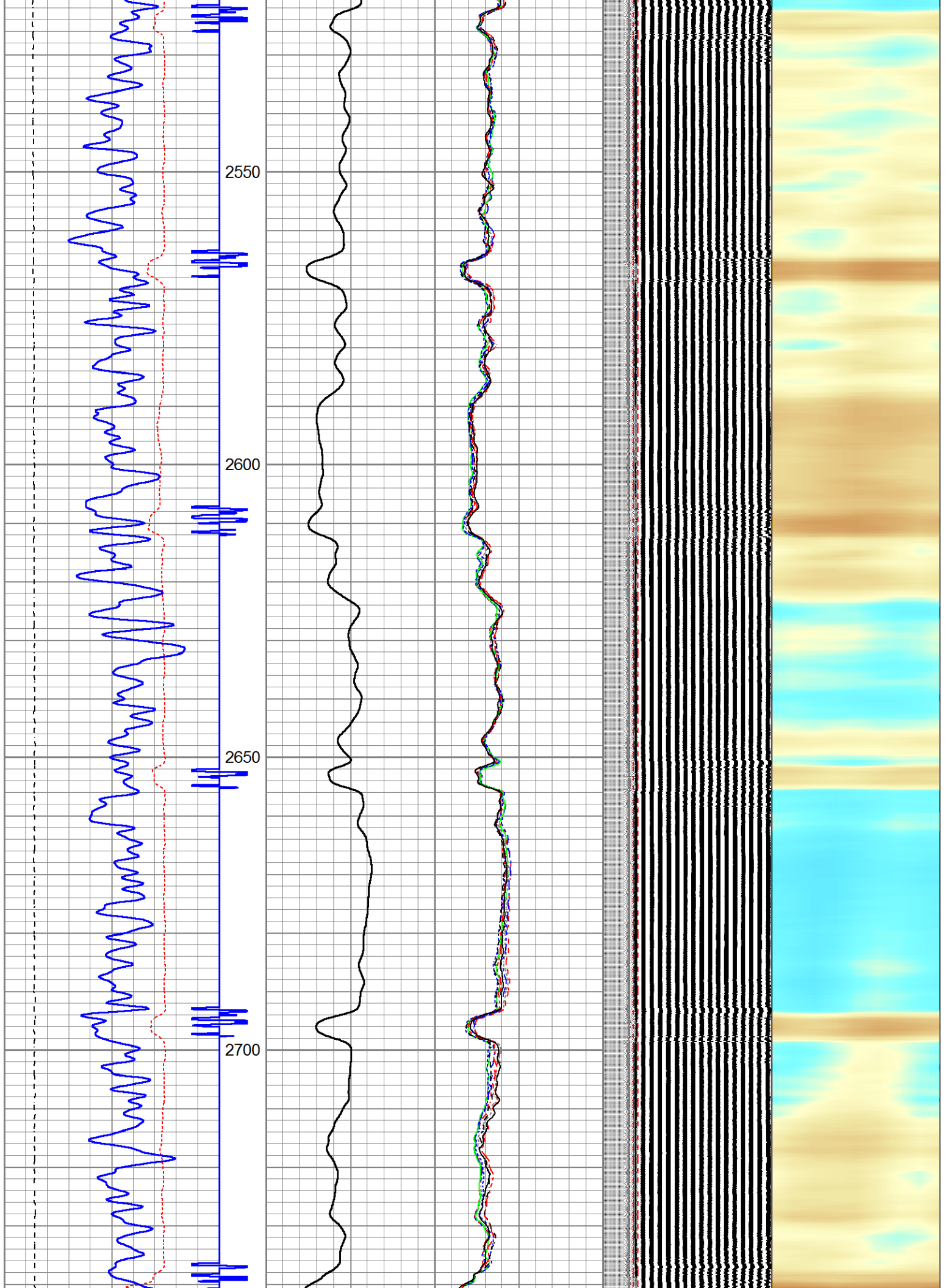


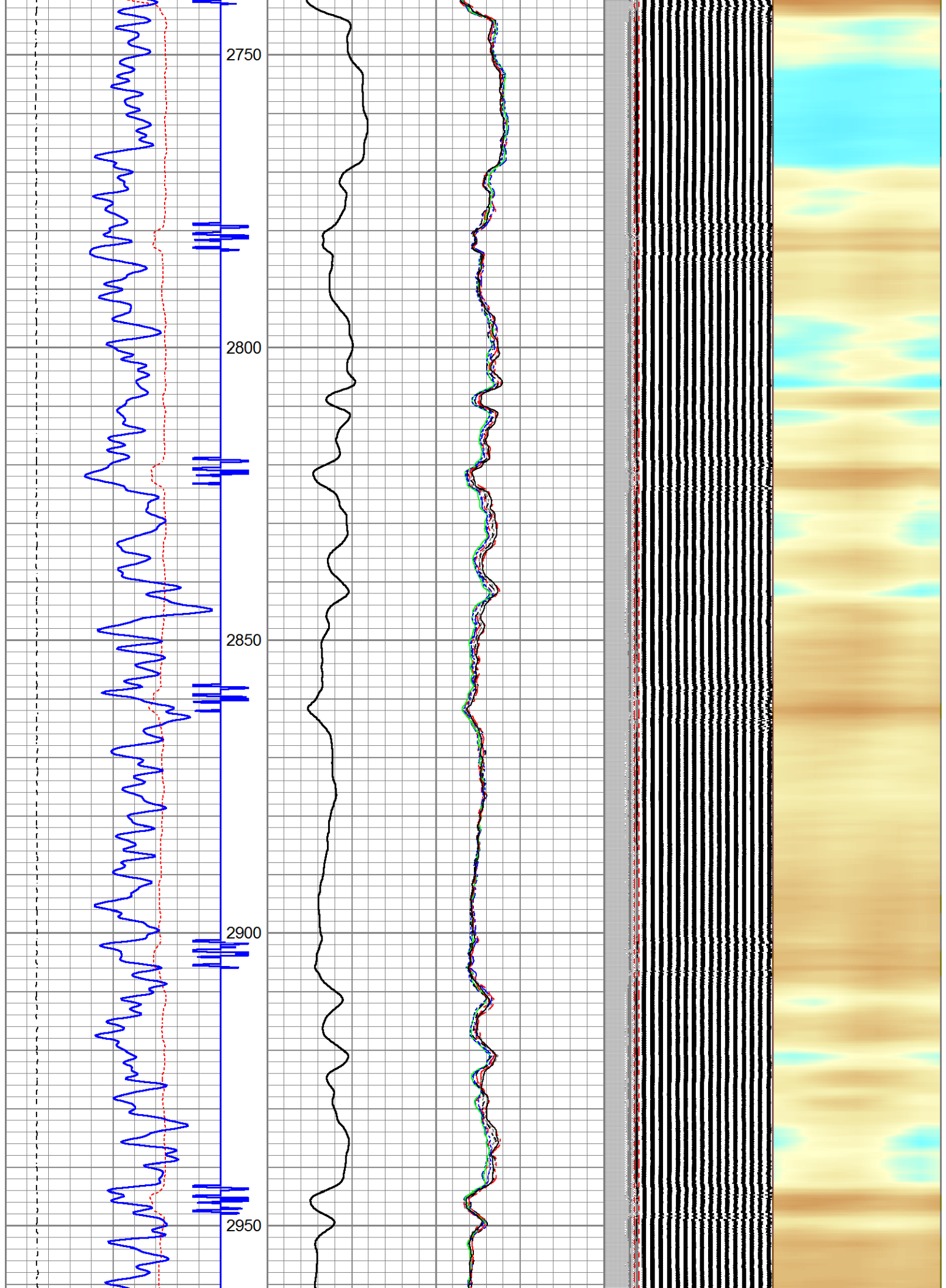


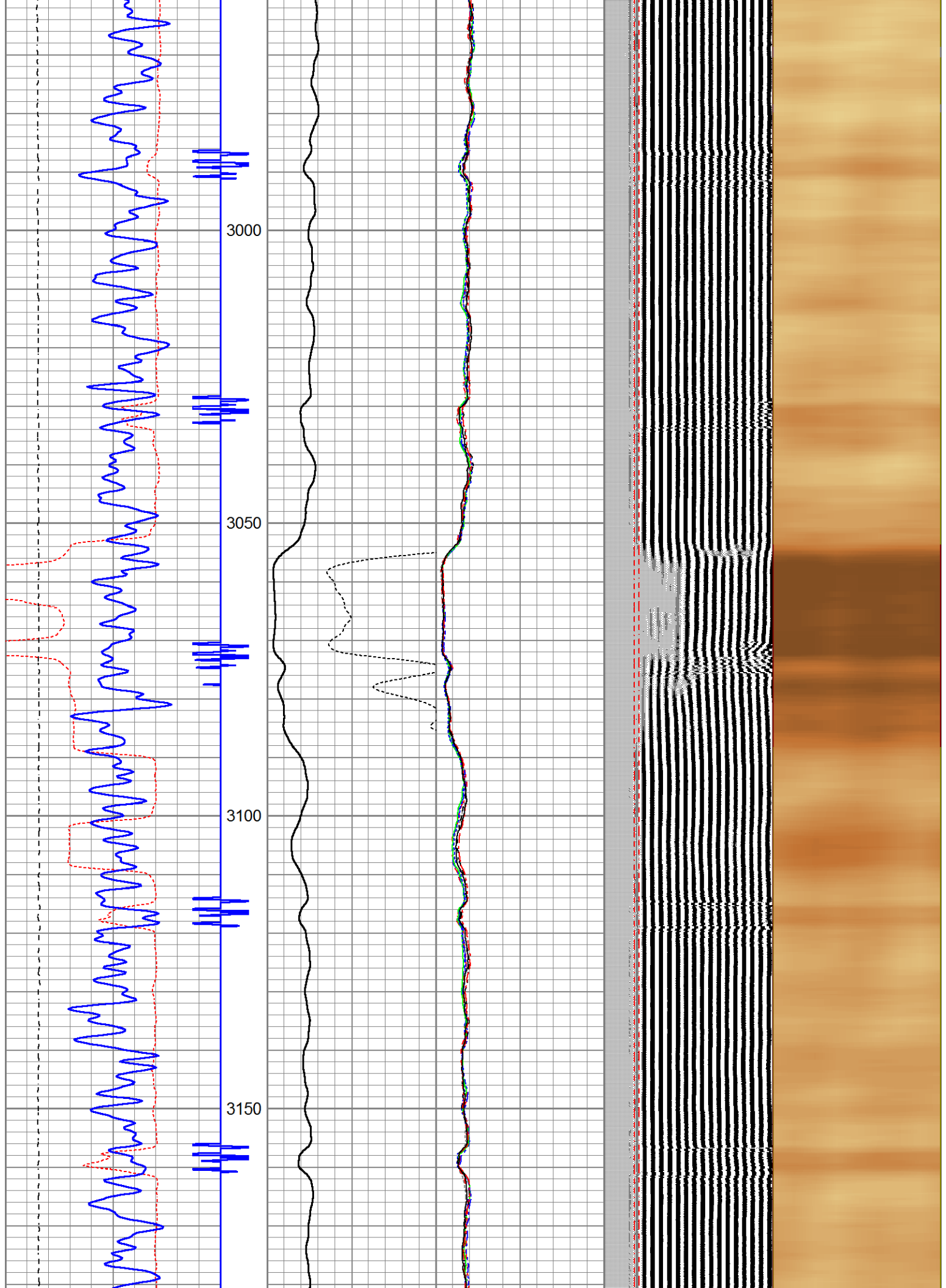


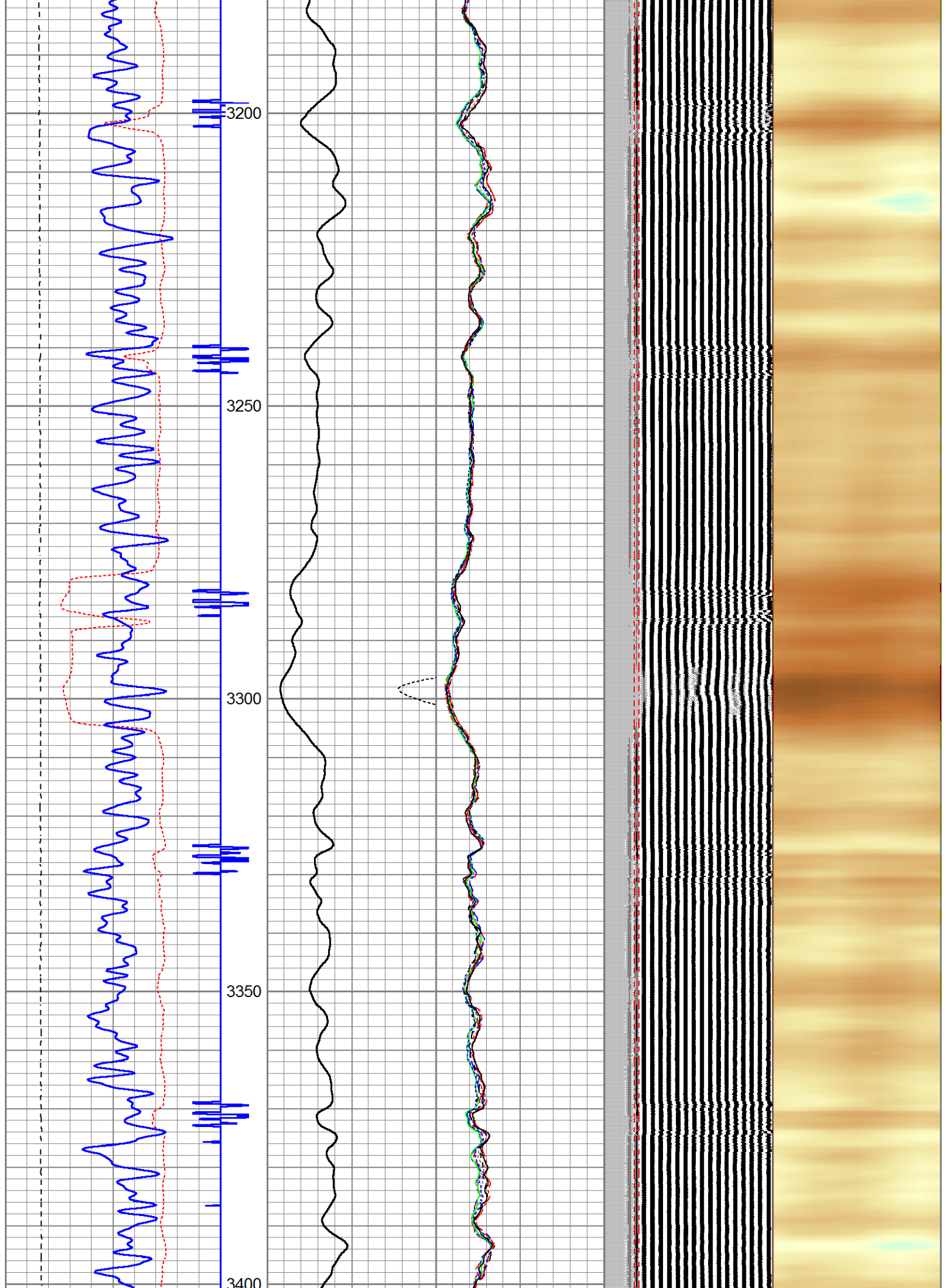


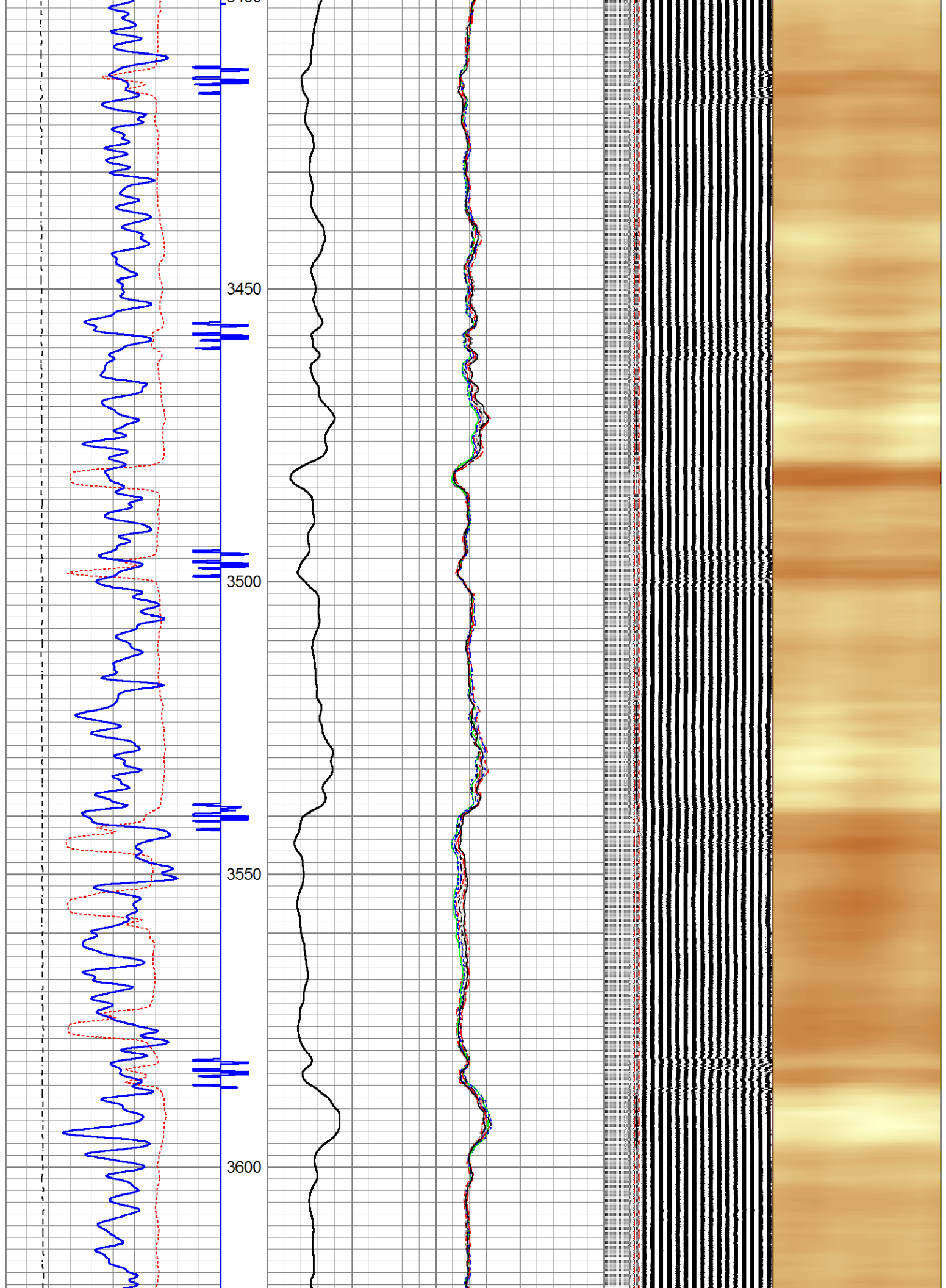


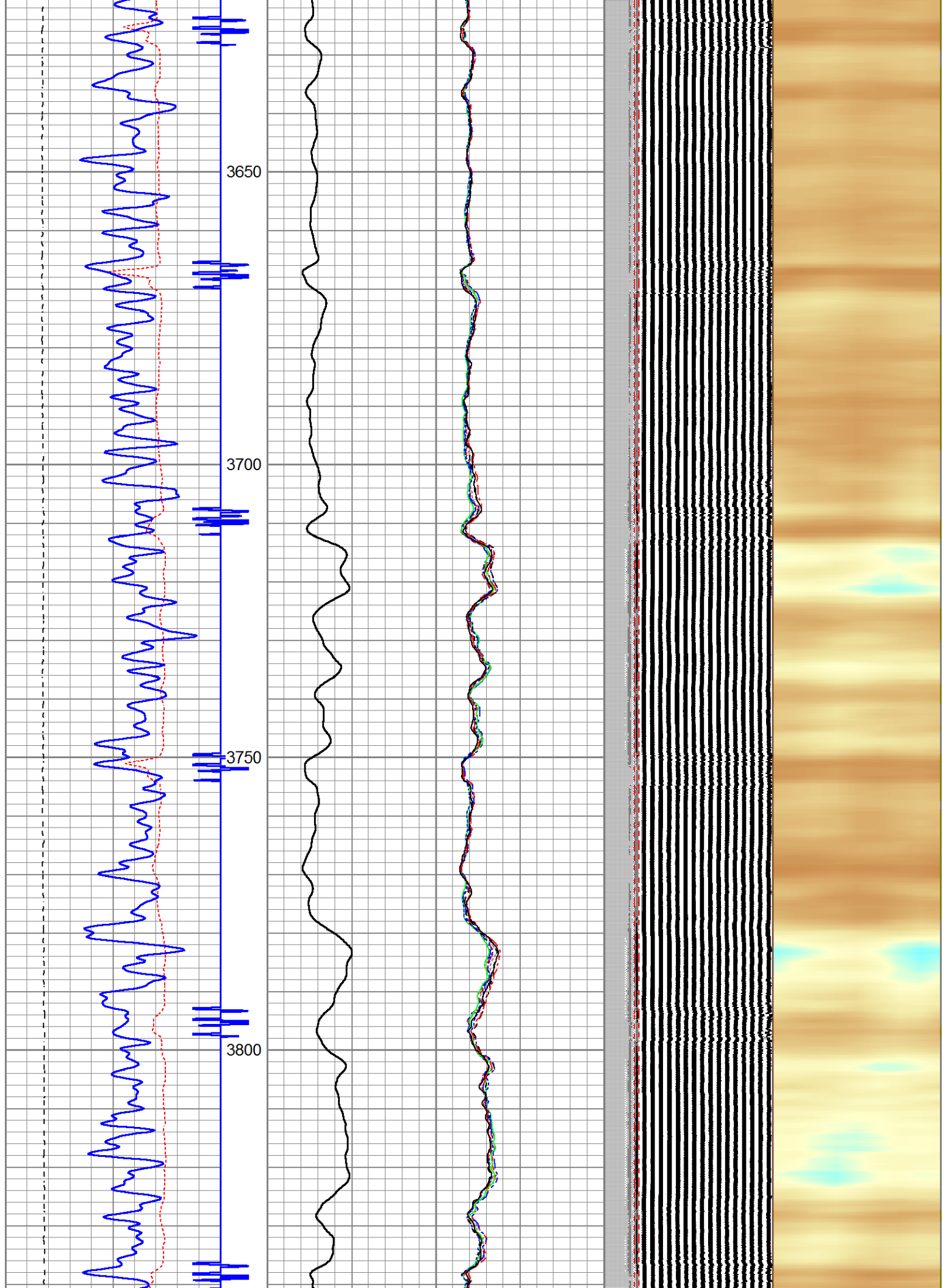


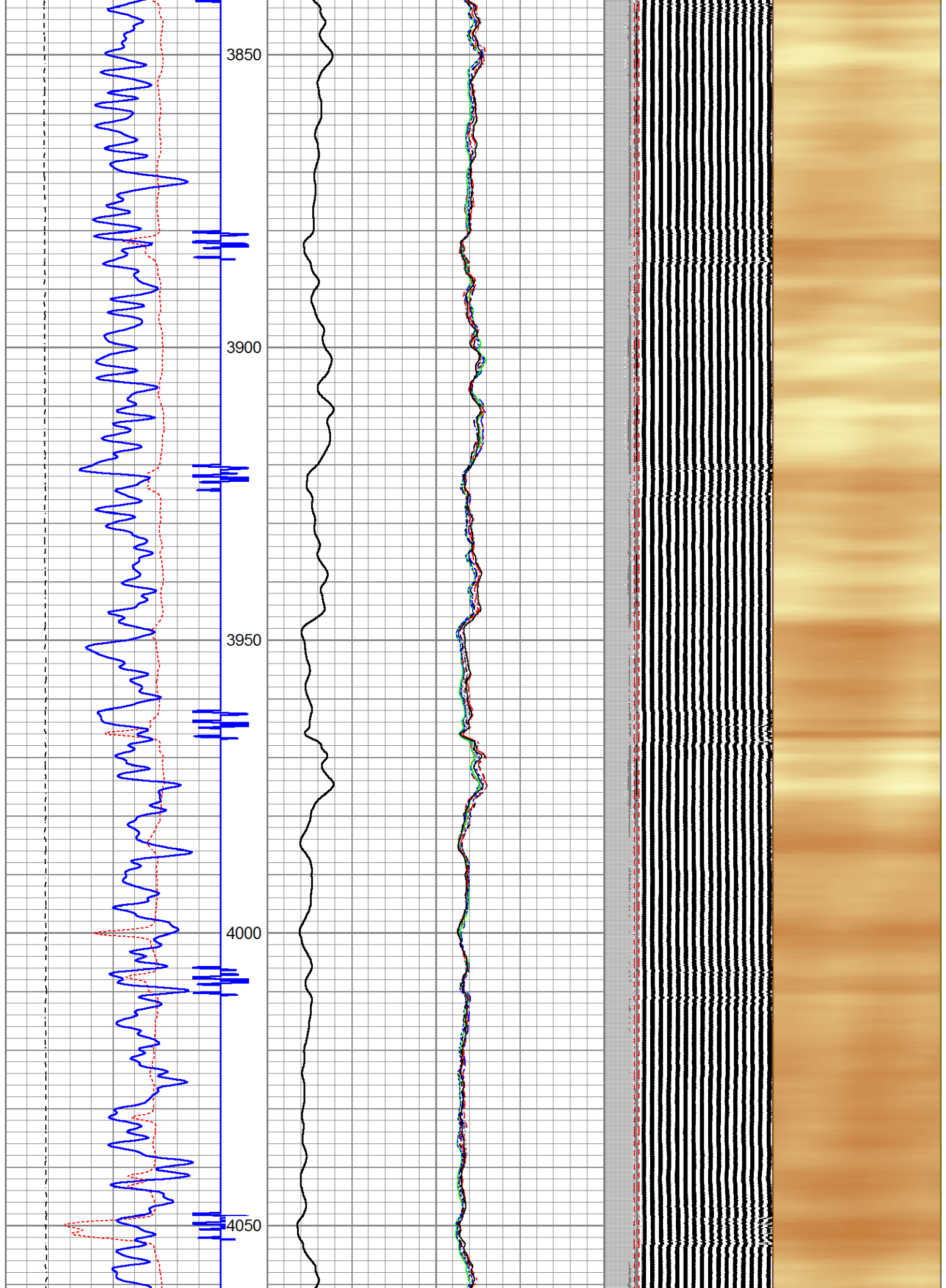


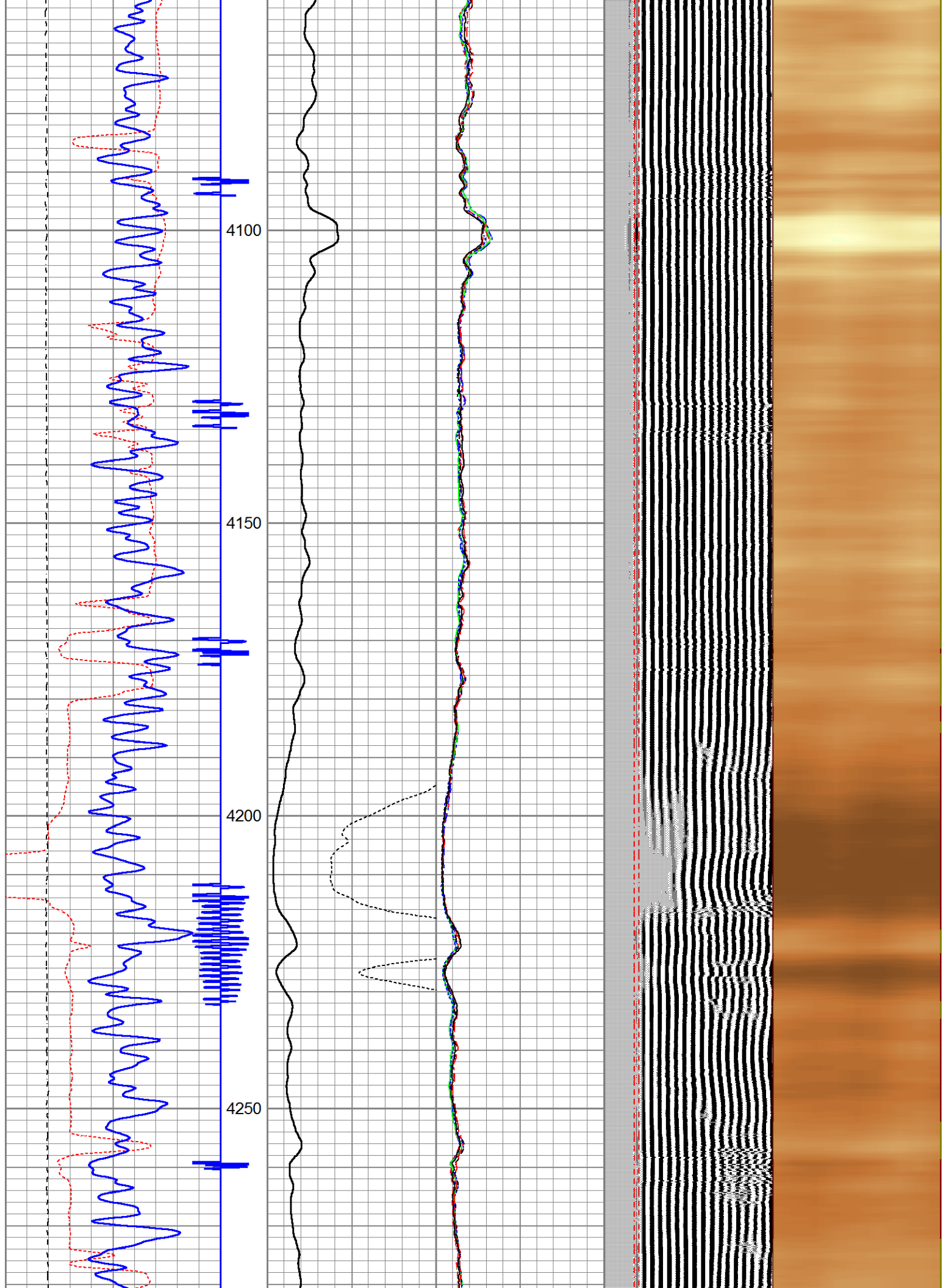


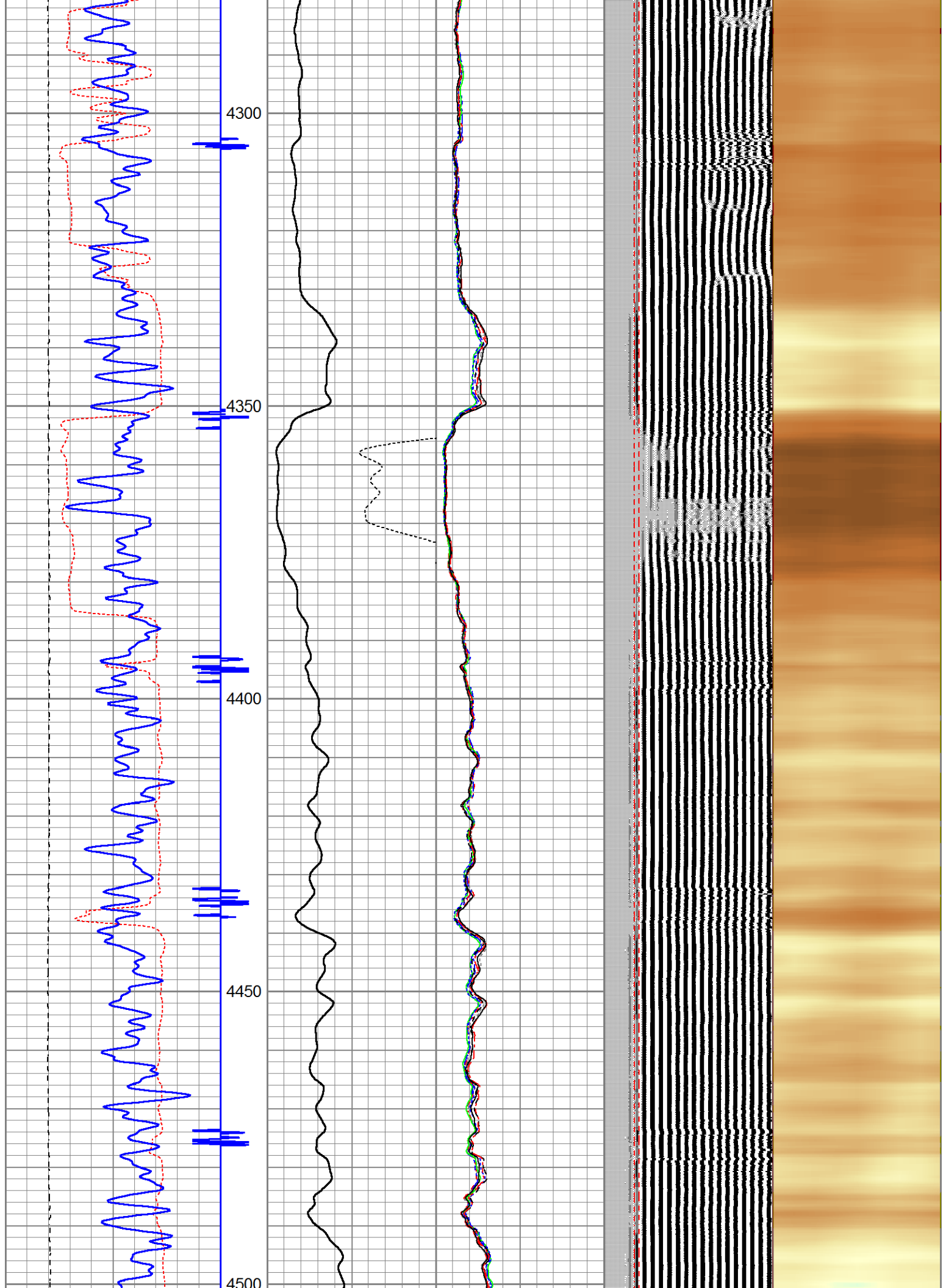


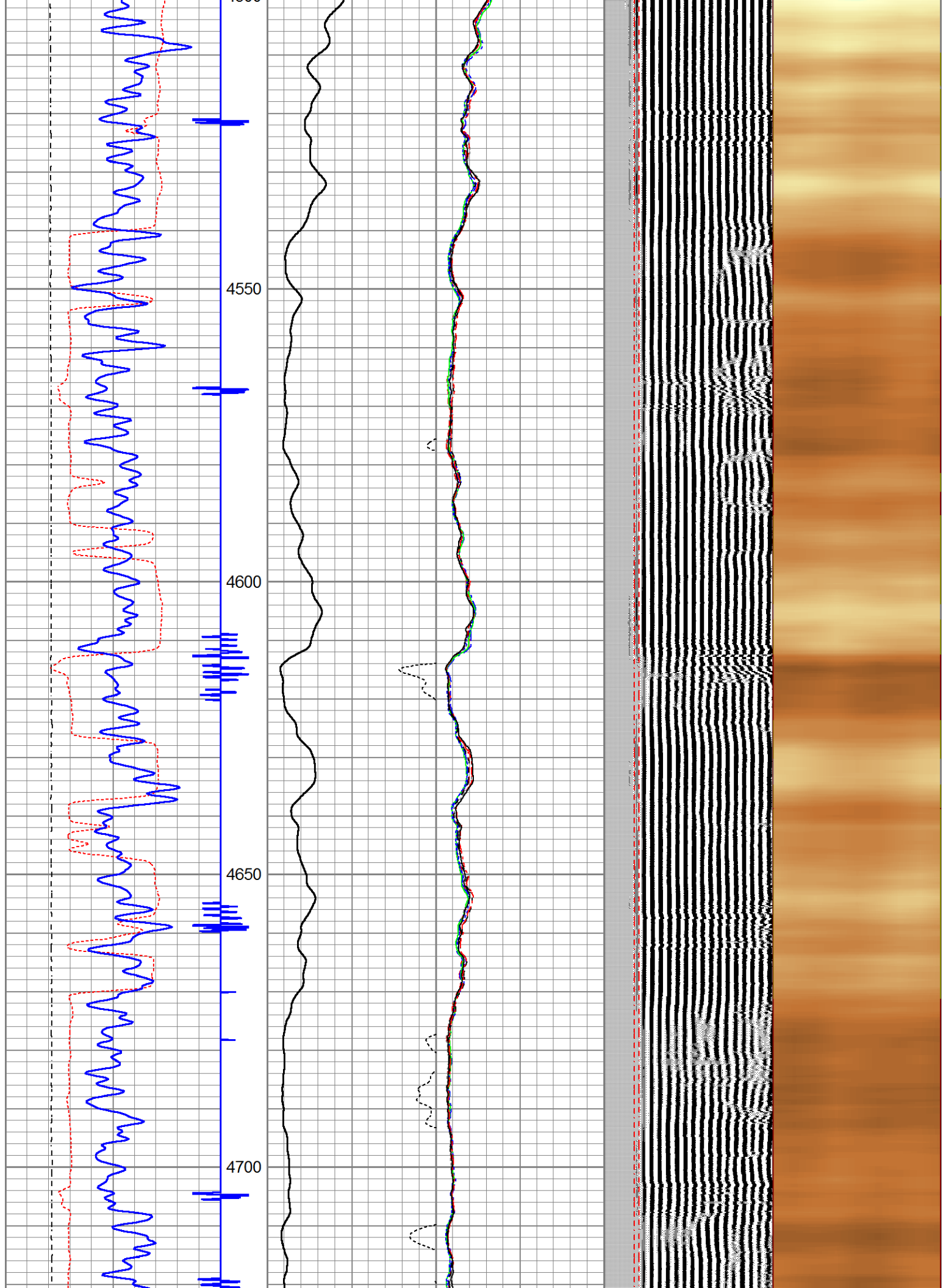


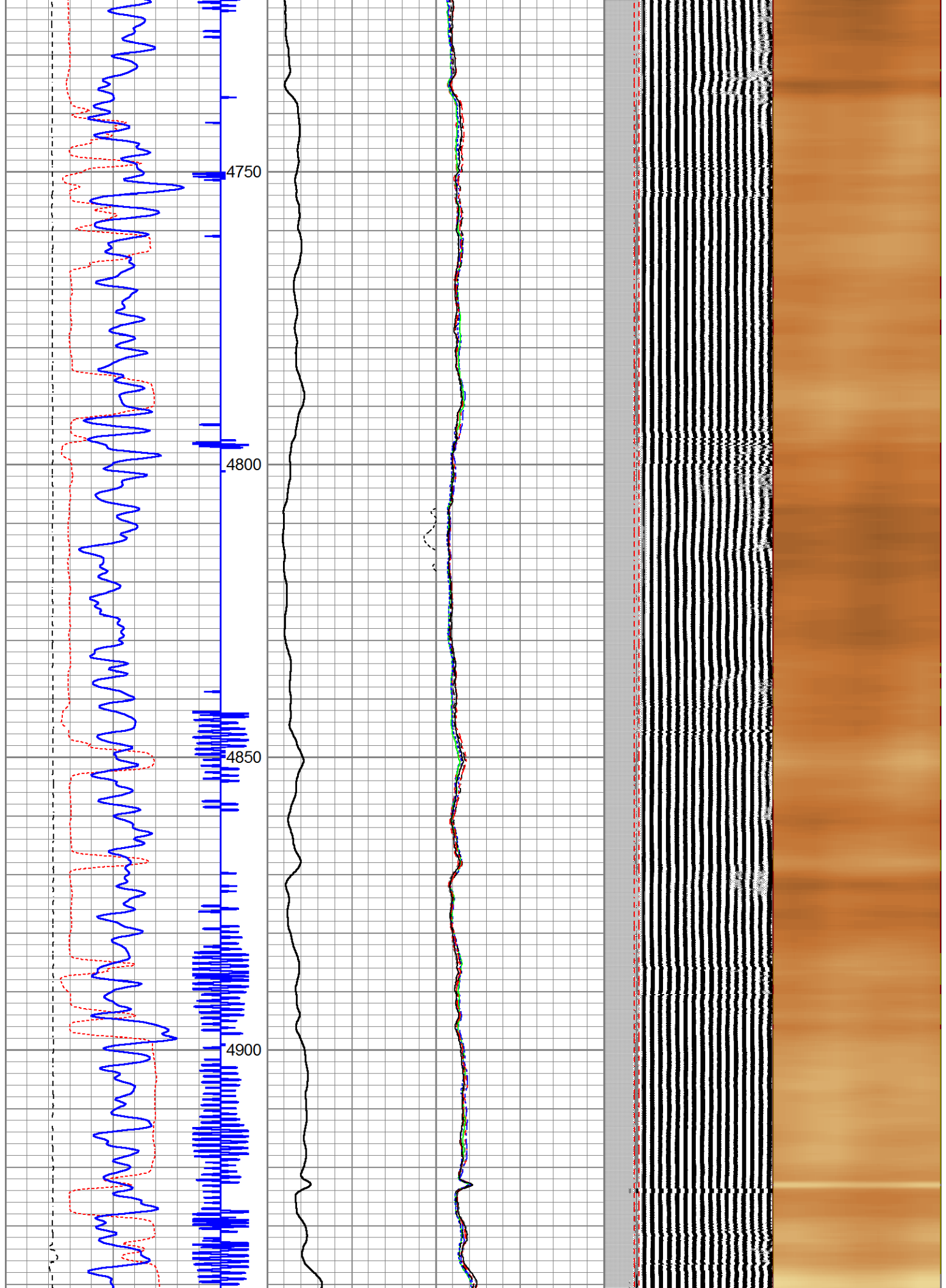


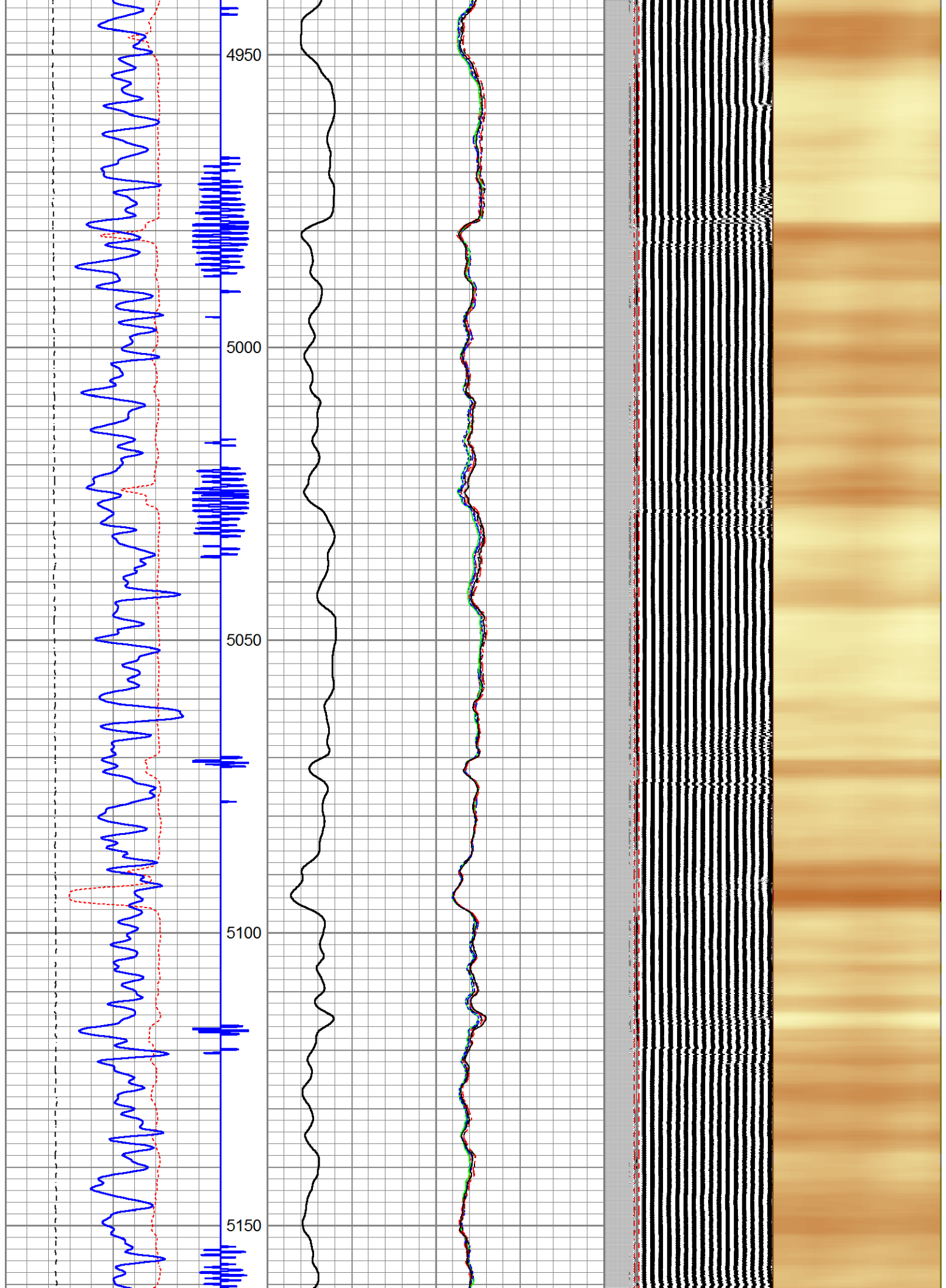


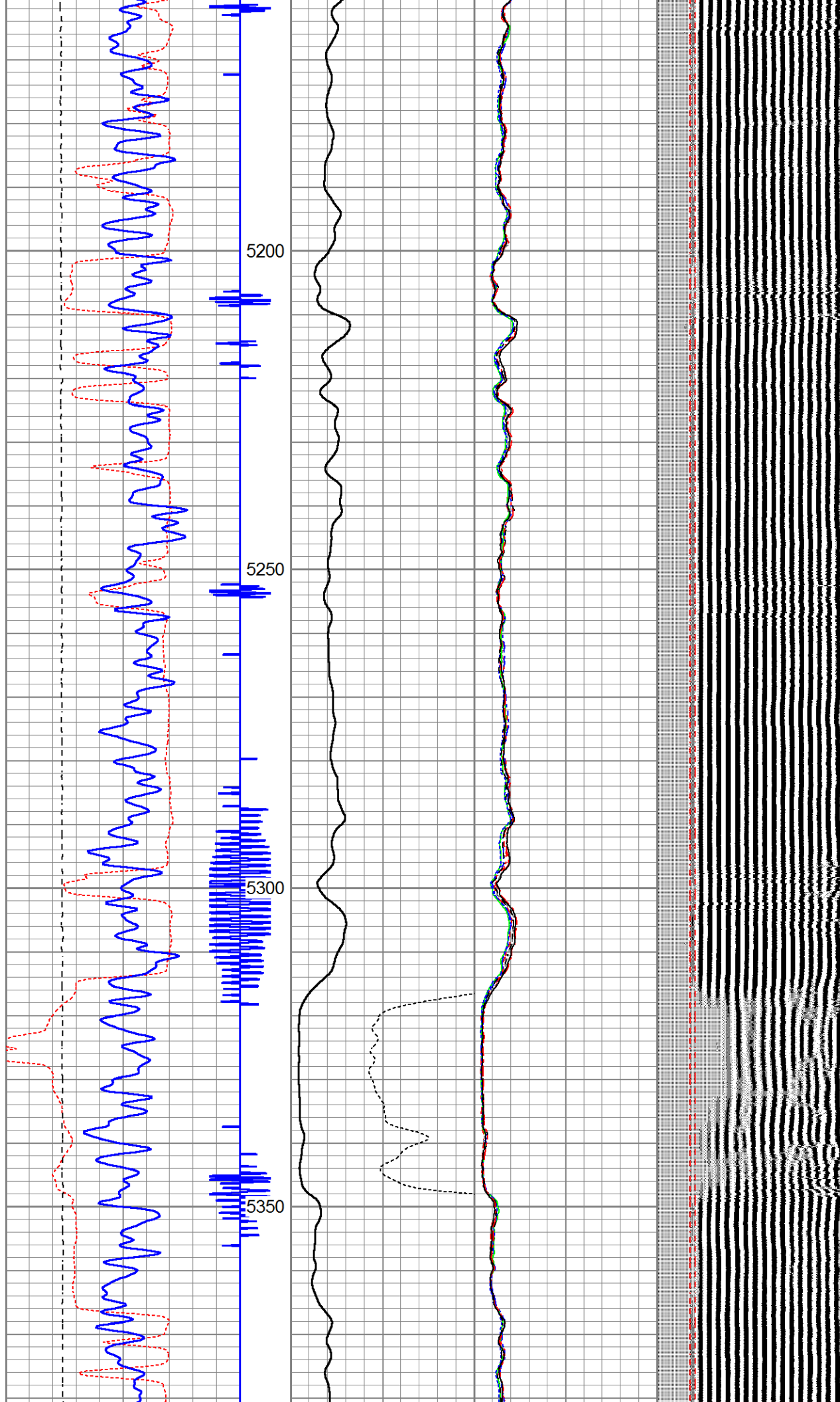


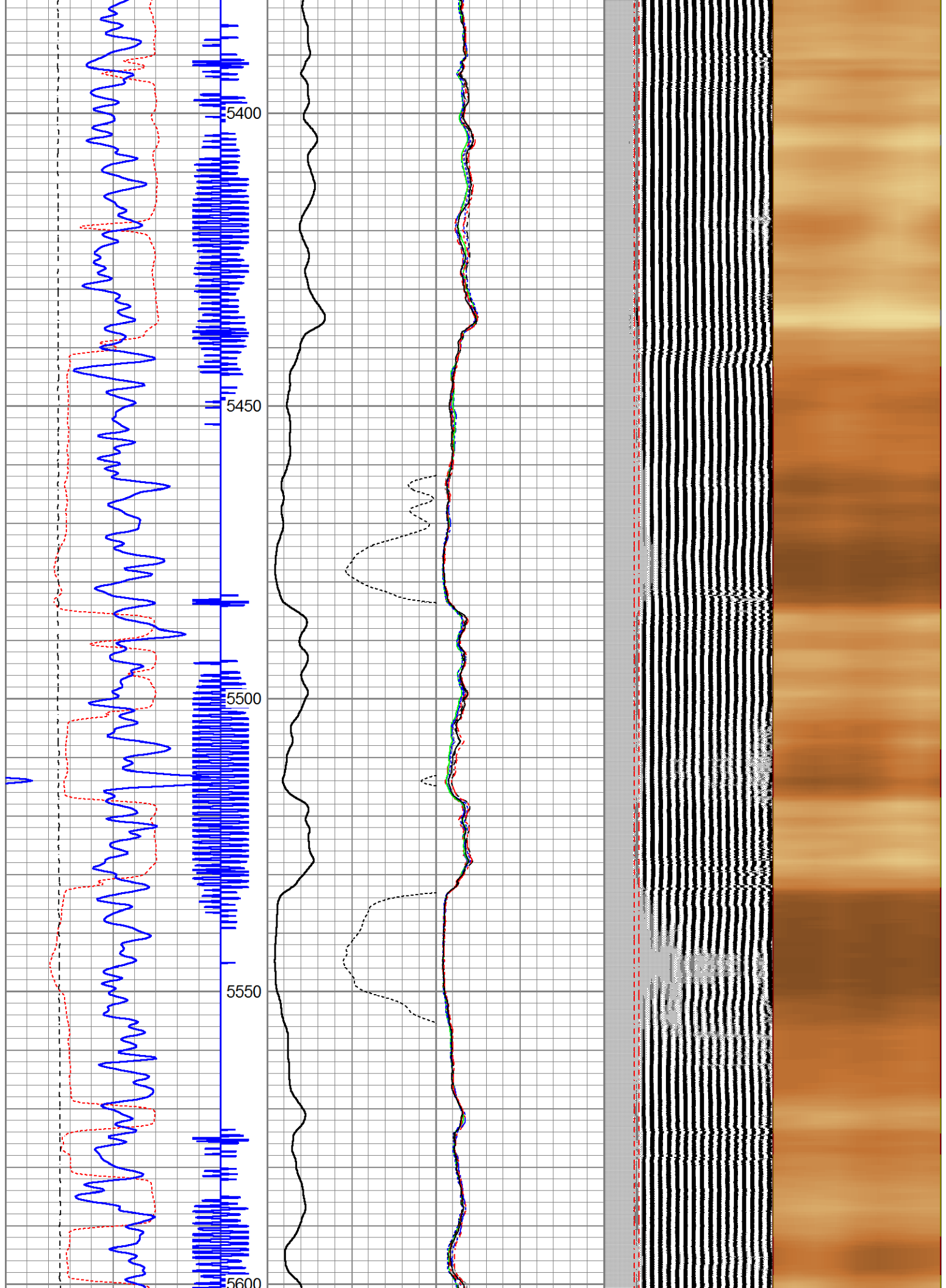


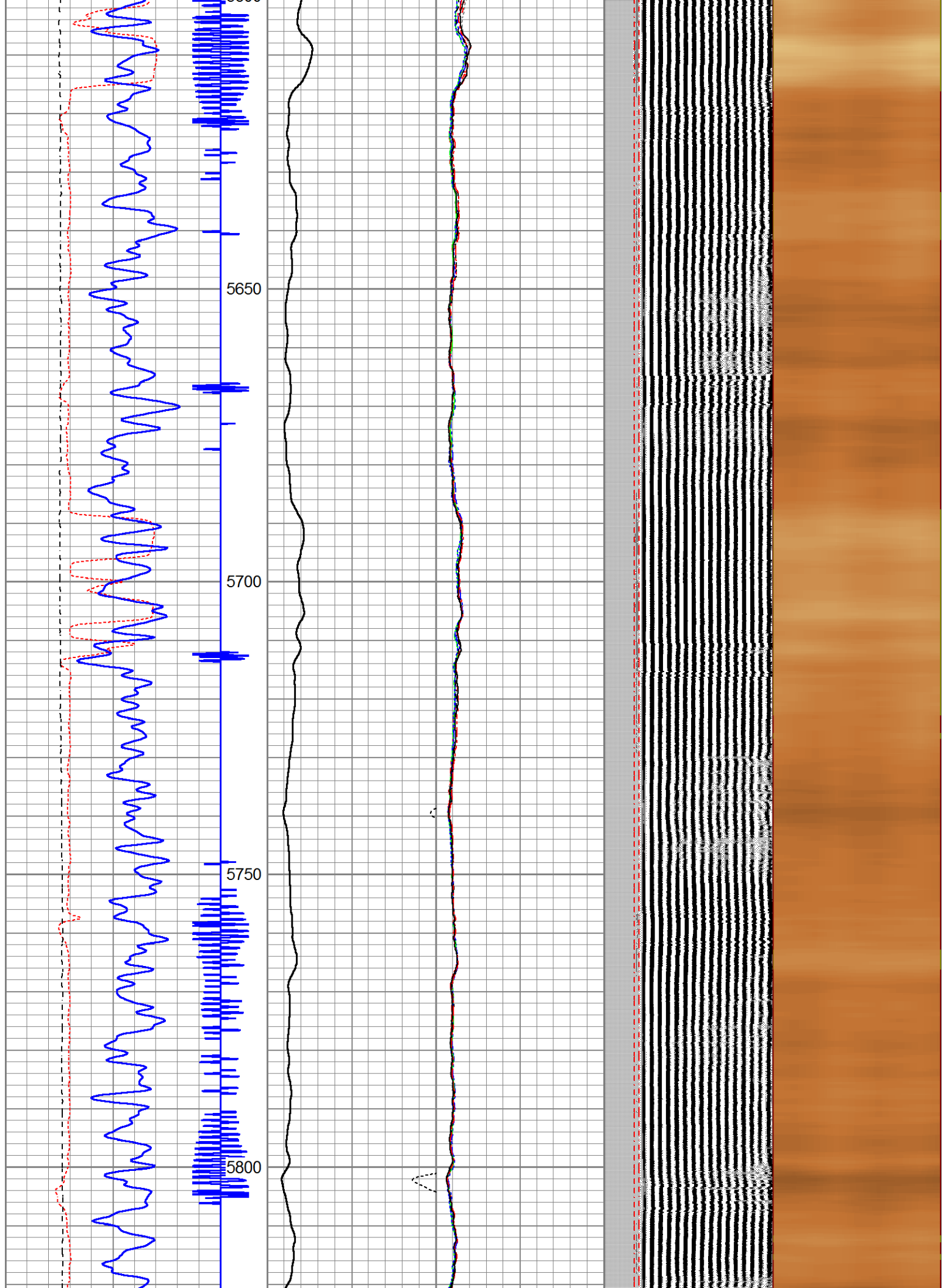


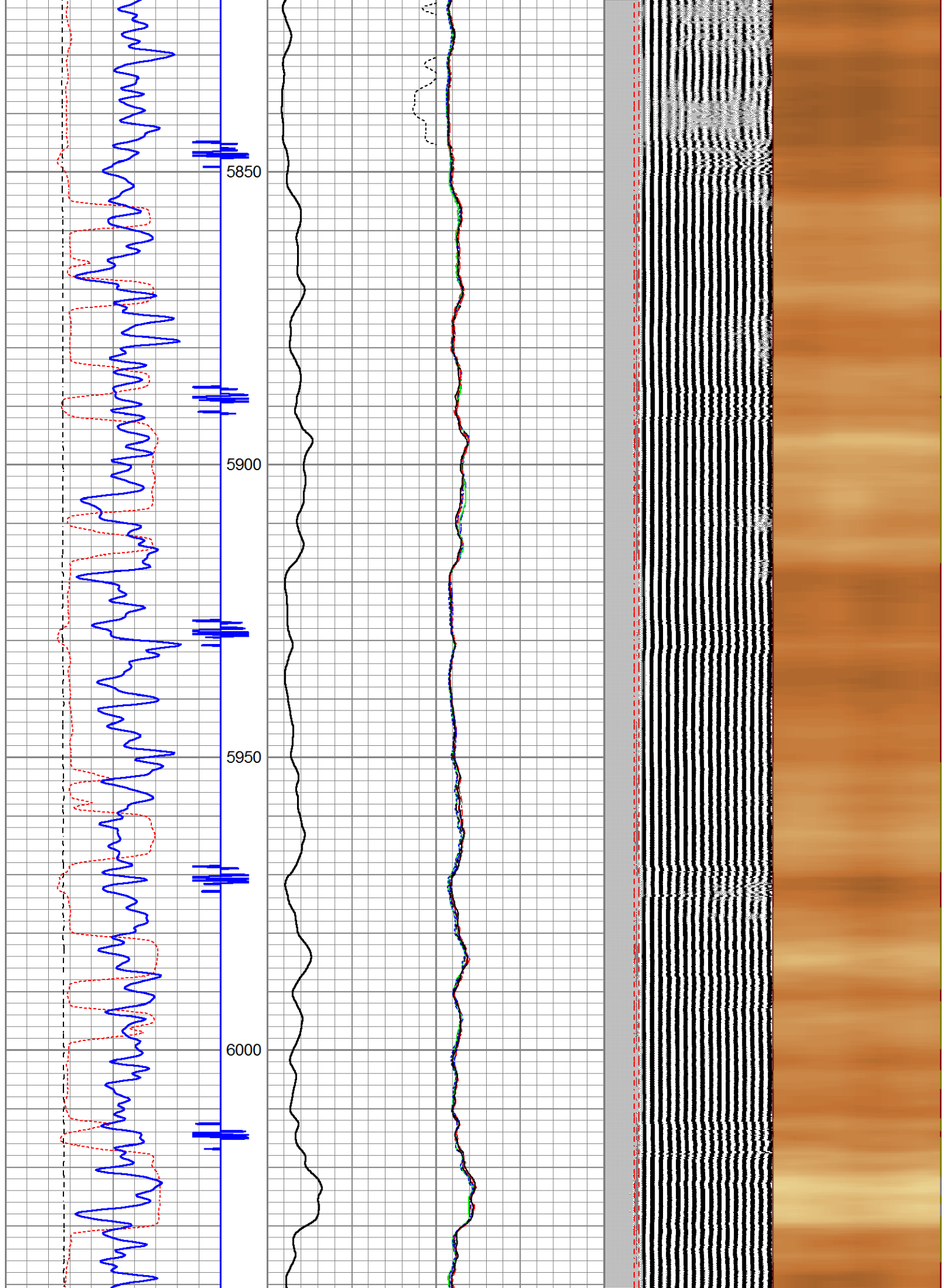


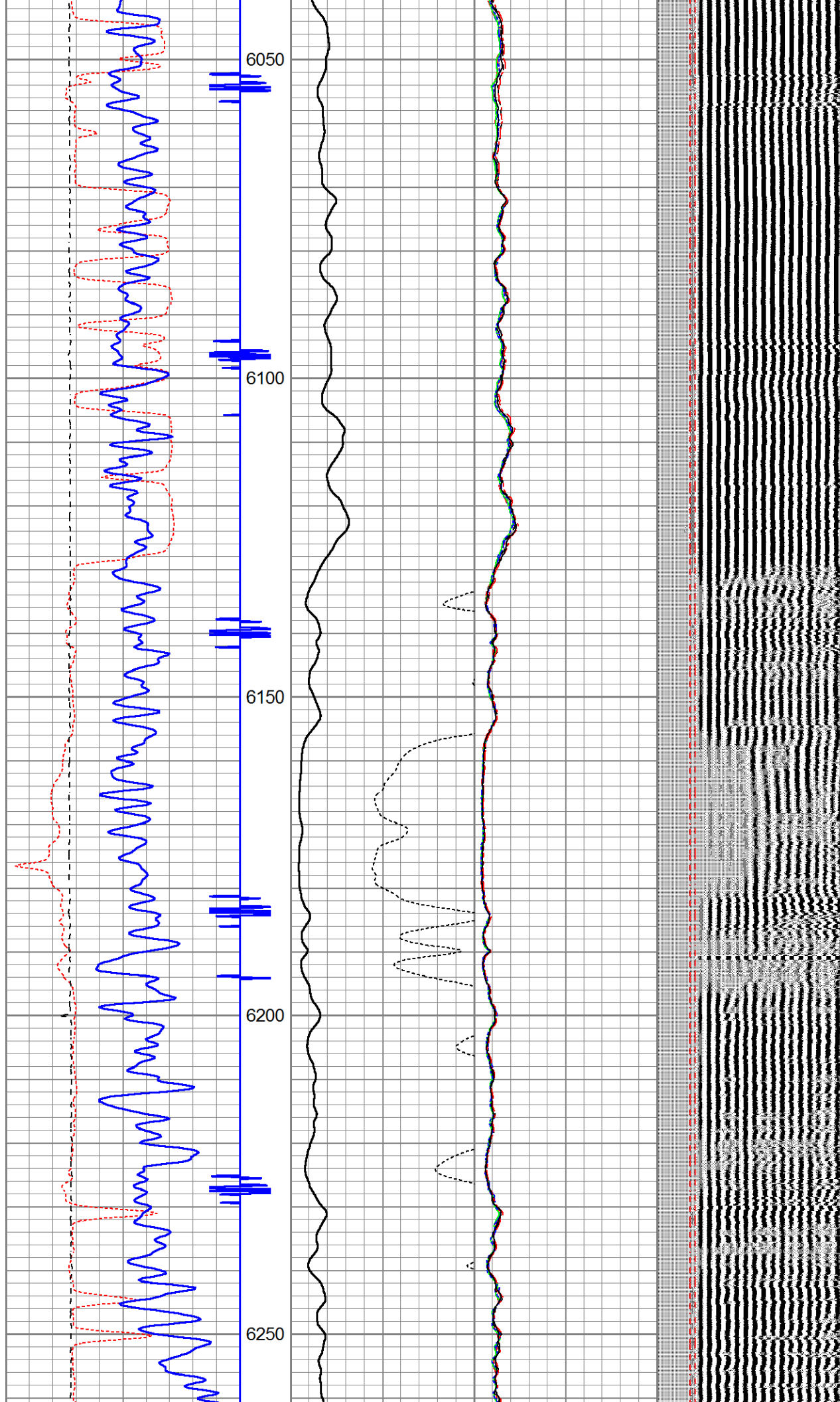


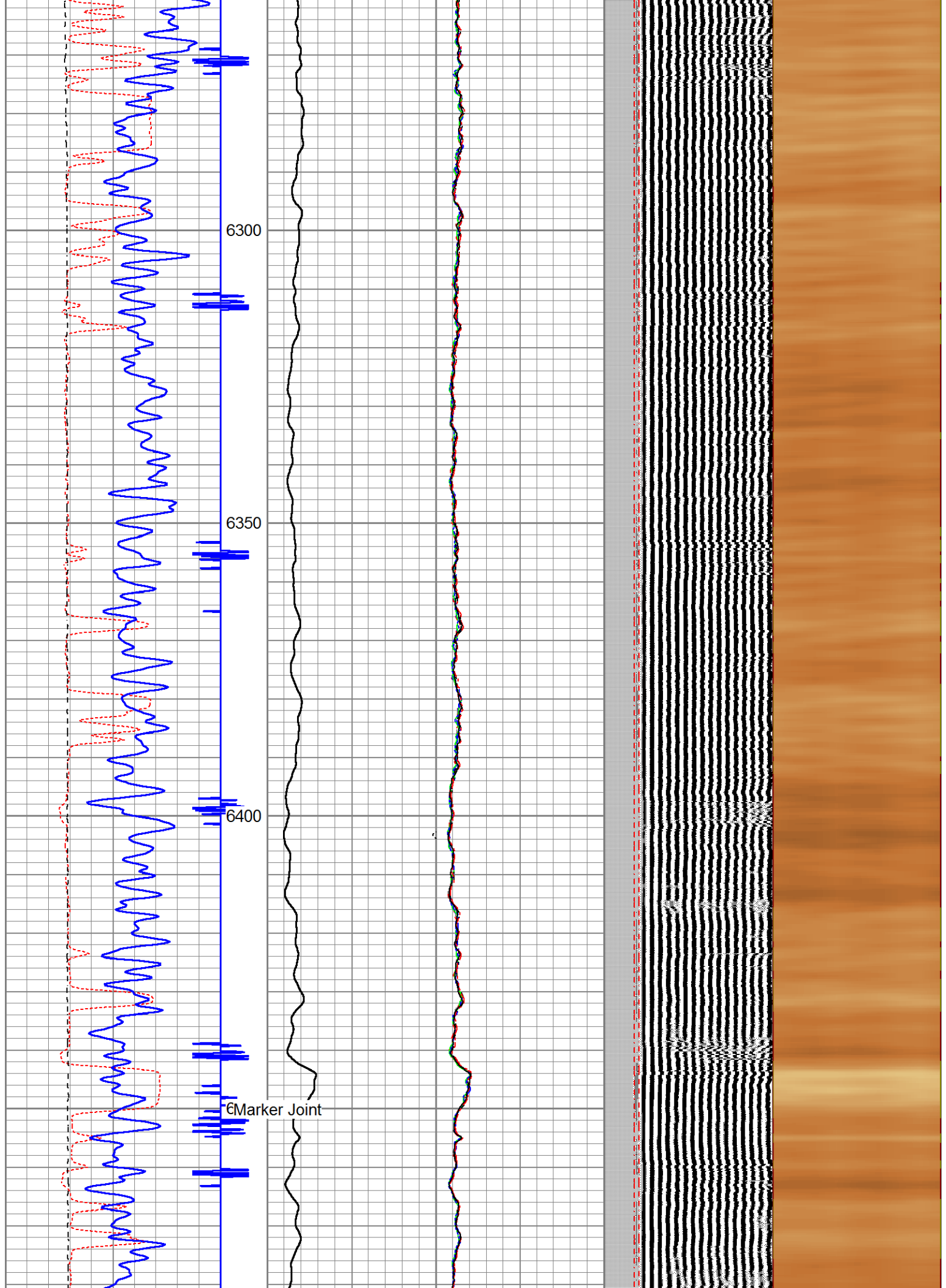


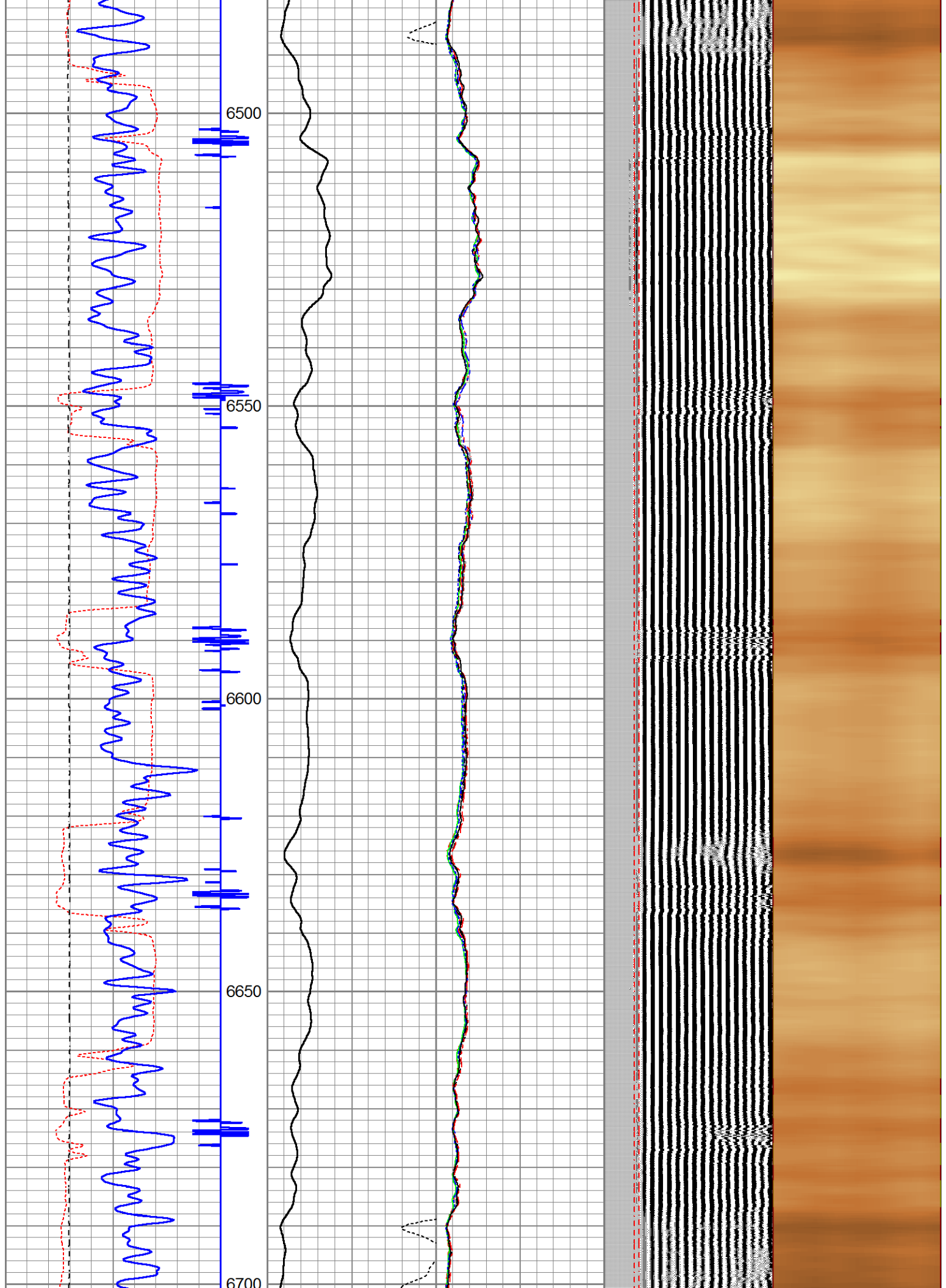


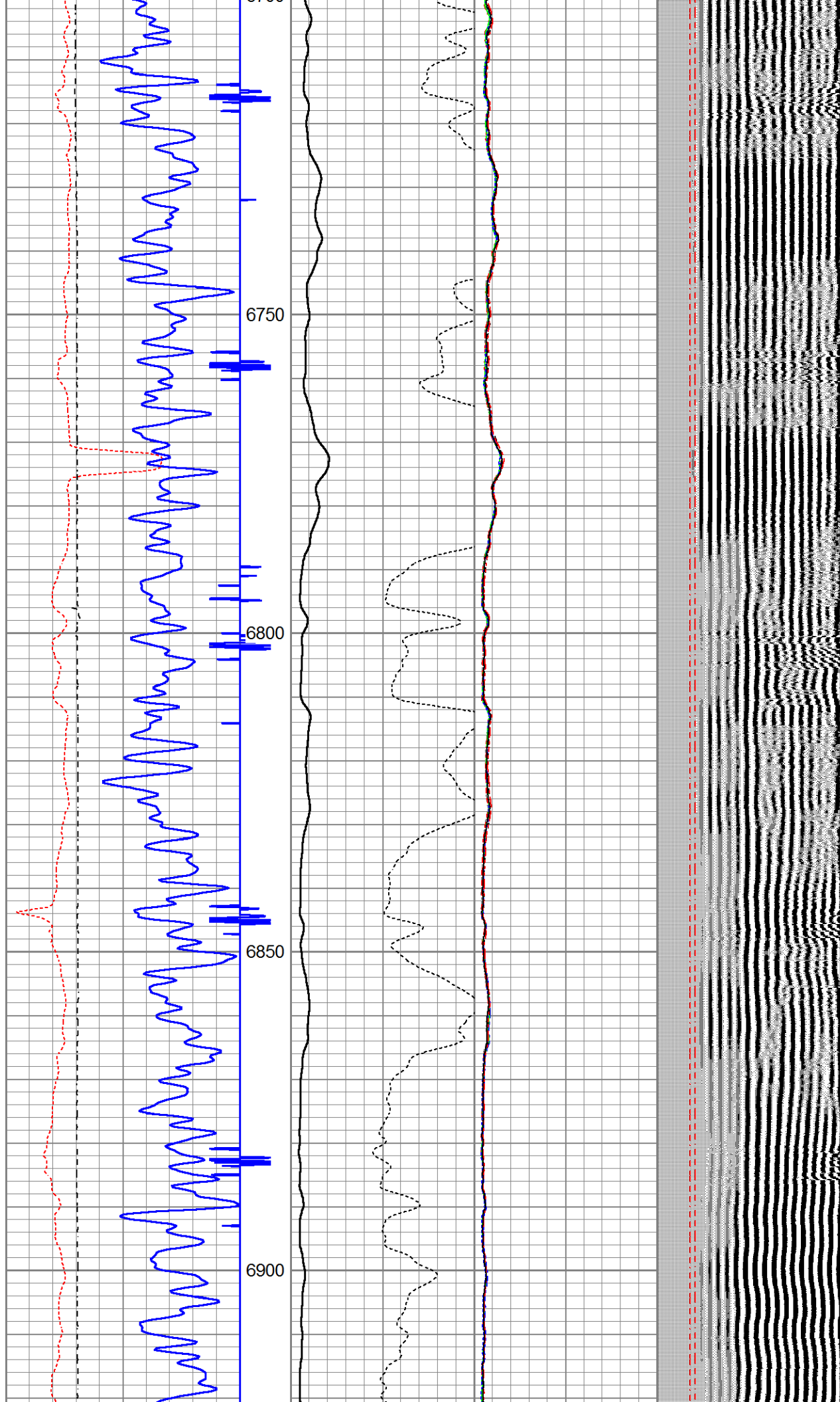


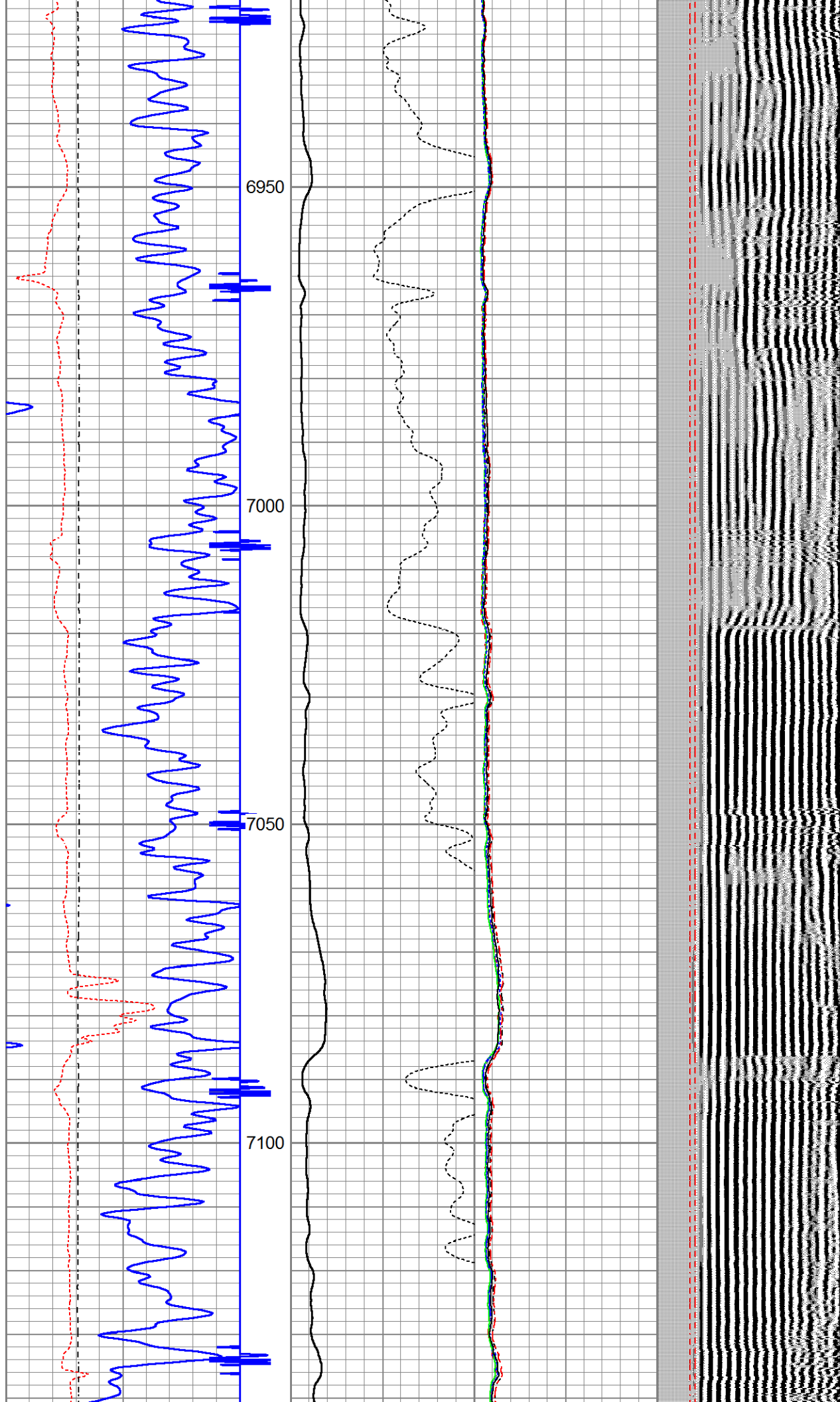


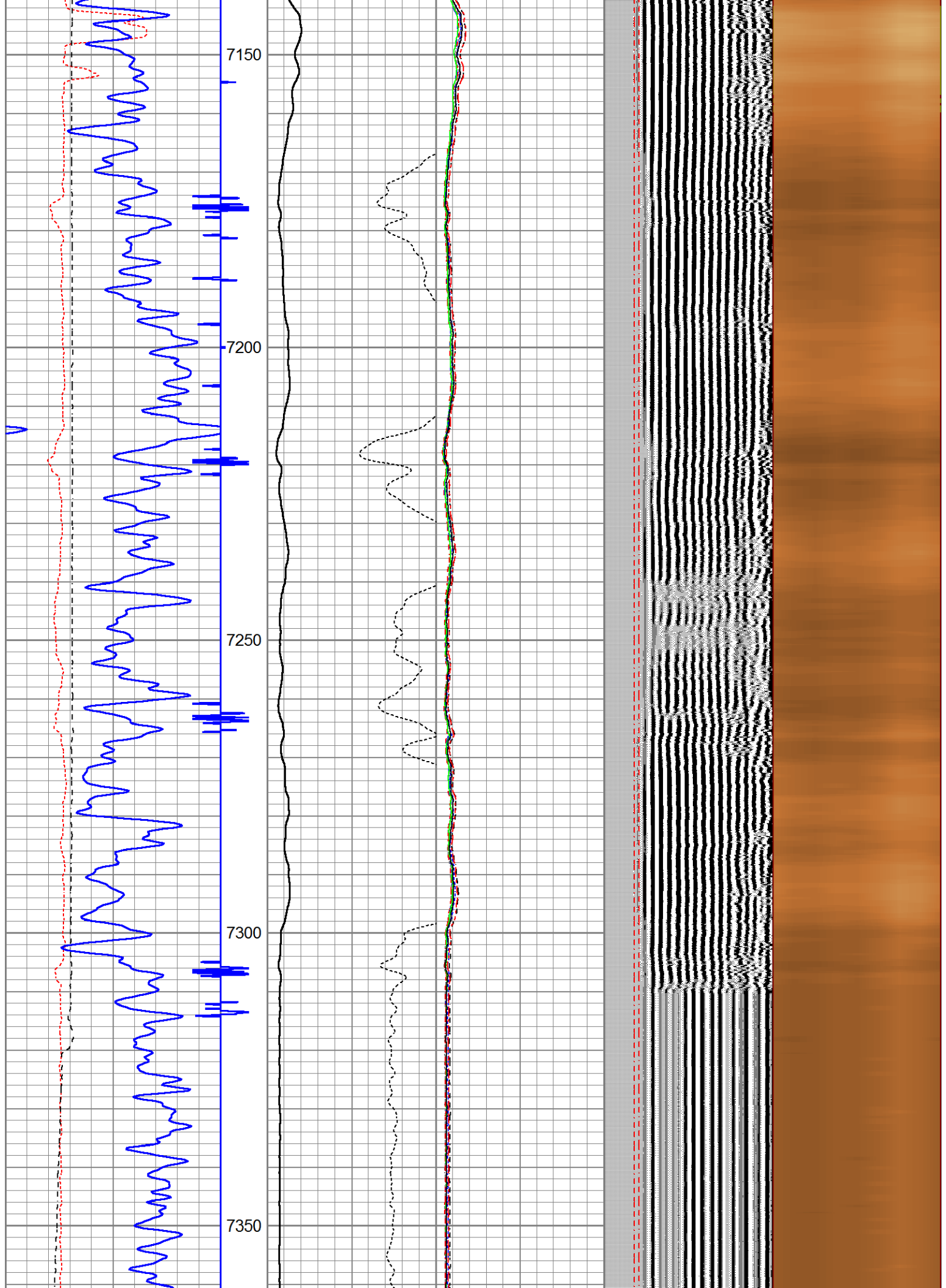


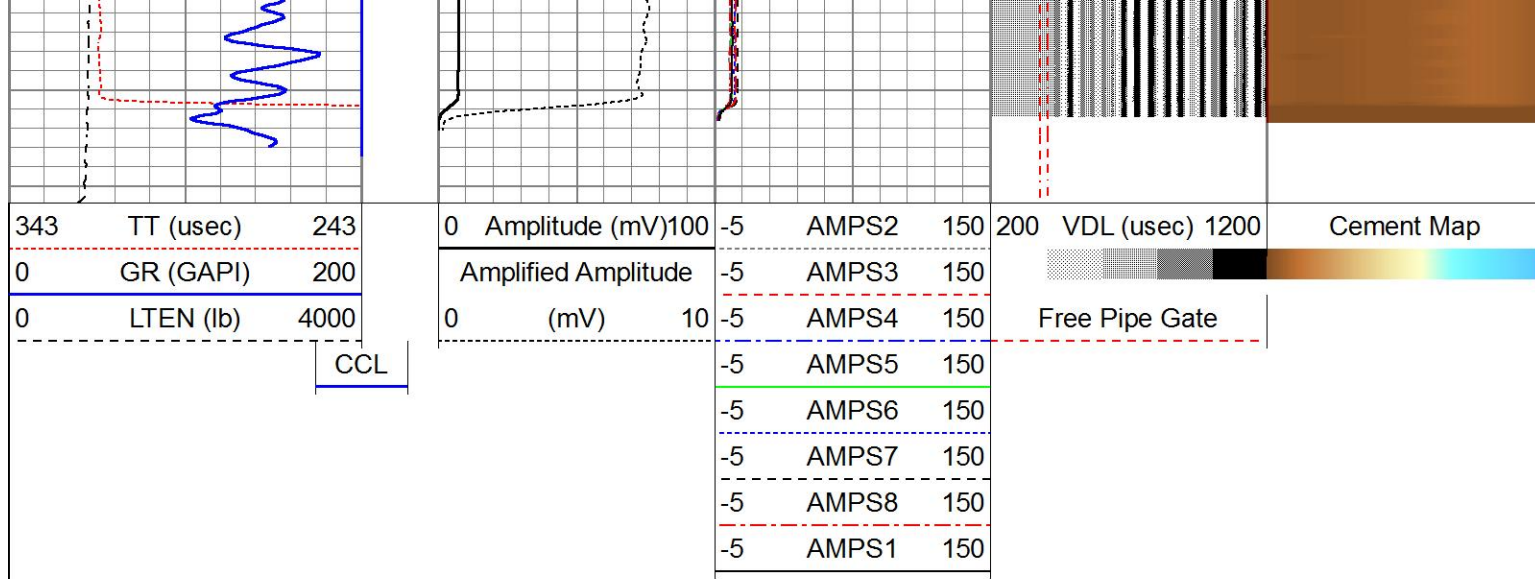













	Company	VERDAD OIL AND GAS CORP
	Well	JACKSON 33-6H
	Field	WATTENBERG
	County	WELD
	State	CO