



**RADIAL CEMENT
BOND LOG**

Company ANADARKO PETROLEUM CORP.
Well MARRS 3N-10HZ
Field WATTENBERG
County WELD State COLORADO

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Location: API # : 05123432720000
SE/NW
SHL: 2075' FNL & 2011' FWL
SEC 22 TWP 1N RGE 67W
Permanent Datum GROUND LEVEL Elevation 4,981'
Log Measured From KELLY BUSHING = 17'
Drilling Measured From KELLY BUSHING
Other Services
NONE
Elevation
K.B. 4,998'
D.F. 4,997'
G.L. 4,981'

Date 11 APRIL 2018

Run Number ONE
Depth Driller 15728'
Depth Logger 6720;
Bottom Logged Interval 6720'
Top Log Interval SURFACE
Open Hole Size 8.50"
Type Fluid WATER
Density / Viscosity ~8.3#
Max. Recorded Temp. N/A
Estimated Cement Top 1646'
Time Well Ready N/A
Time Logger on Bottom N/A
Equipment Number W-201
Location WINDSOR, CO
Recorded By Z. EMICK
Witnessed By J. McMILLAN

Borehole Record			Tubing Record			
Run Number	Bit	From	To	Size	Weight	To
ONE	26.00"	17'	97'			
TWO	13.50"	97'	1,887'			
THREE	8.50"	1,887'	15,728'			


Casing Record Size Wgt/Ft Top Bottom
9-5/8" 36.0# 17' 1,877'
Surface String
Prot. String
Production String 5.5" 17.0# 17' 15,735'
Liner

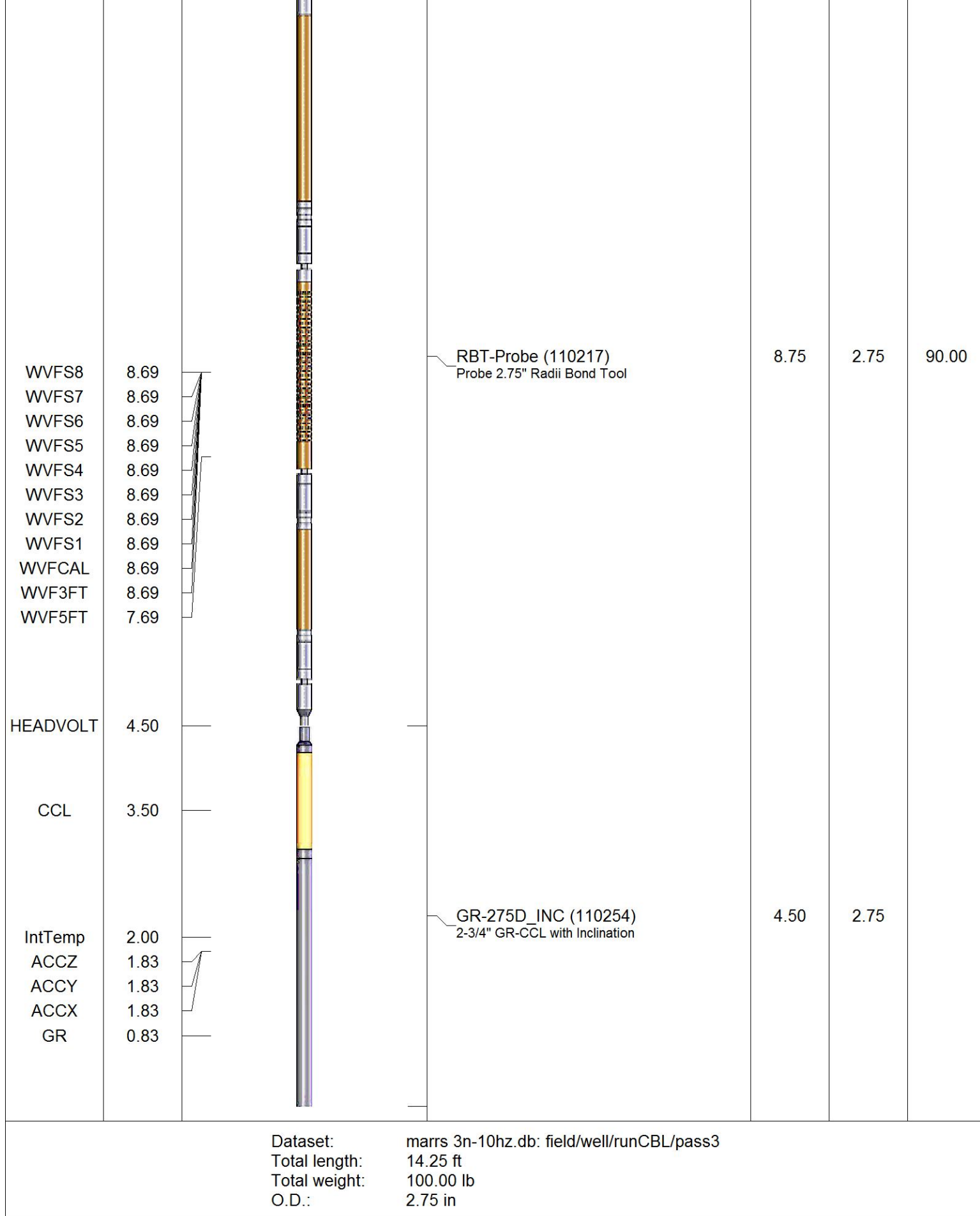
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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

LOG NOT CORRELATED TO ANY OTHER LOG
WELL LOGGED WITH 2800 PSI ON CASING
THANK YOU FOR CHOOSING CUTTERS WIRELINE SERVICE

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

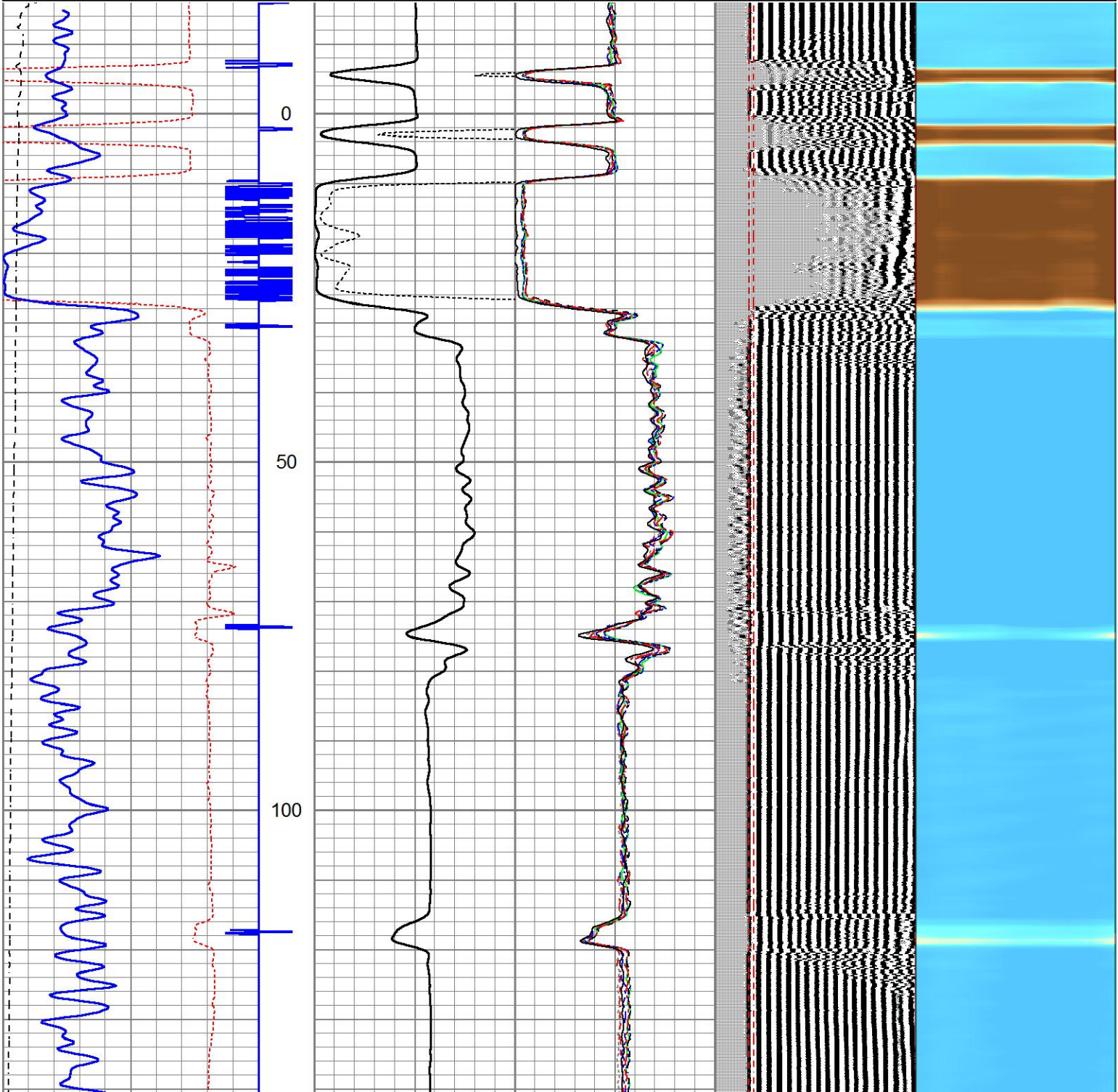


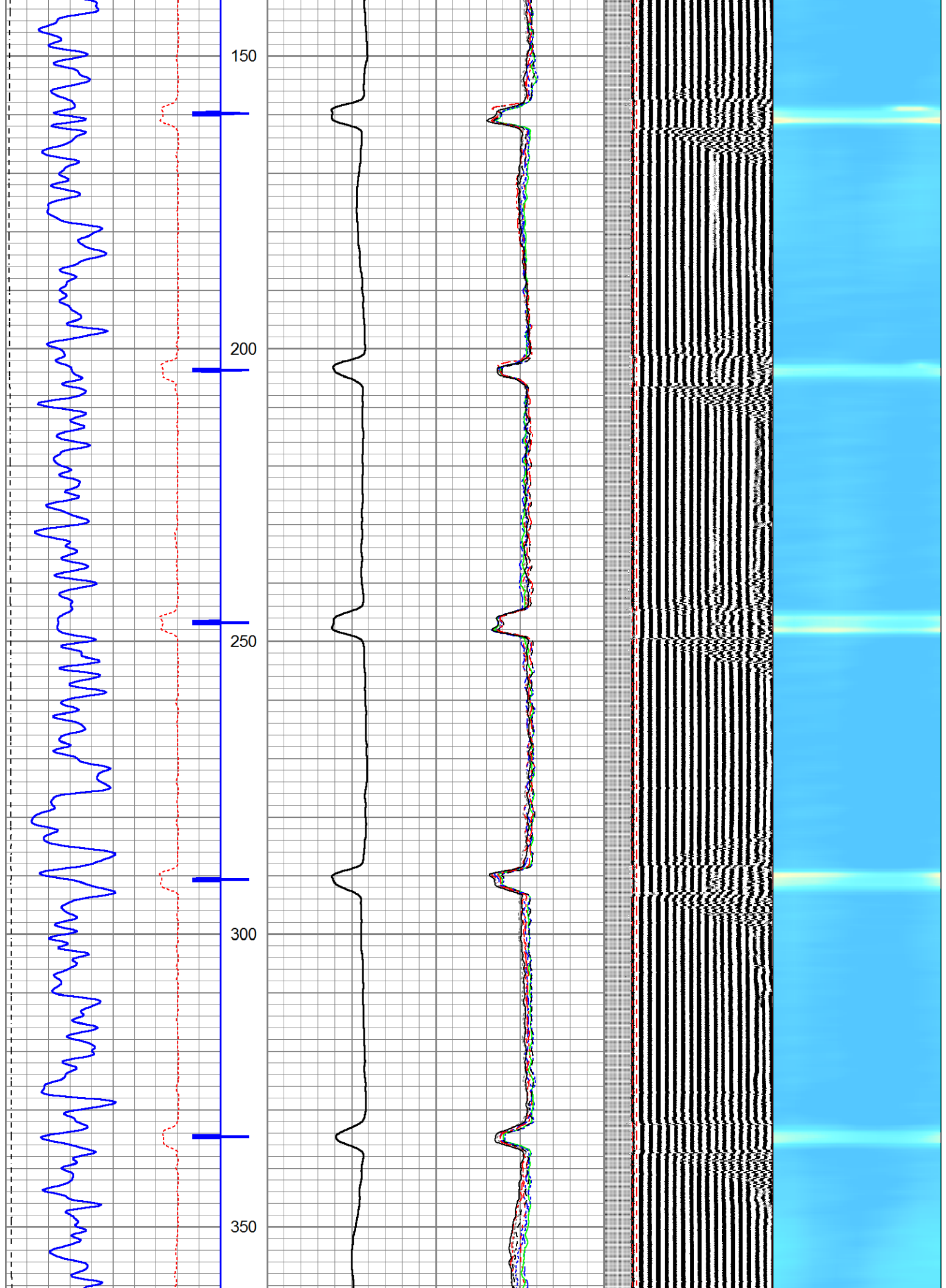
Database File marrs 3n-10hz.db
Dataset Pathname runCBL/pass3
Presentation Format scbl4_5
Dataset Creation Wed Apr 11 11:46:23 2018
Charted by Depth in Feet scaled 1:240

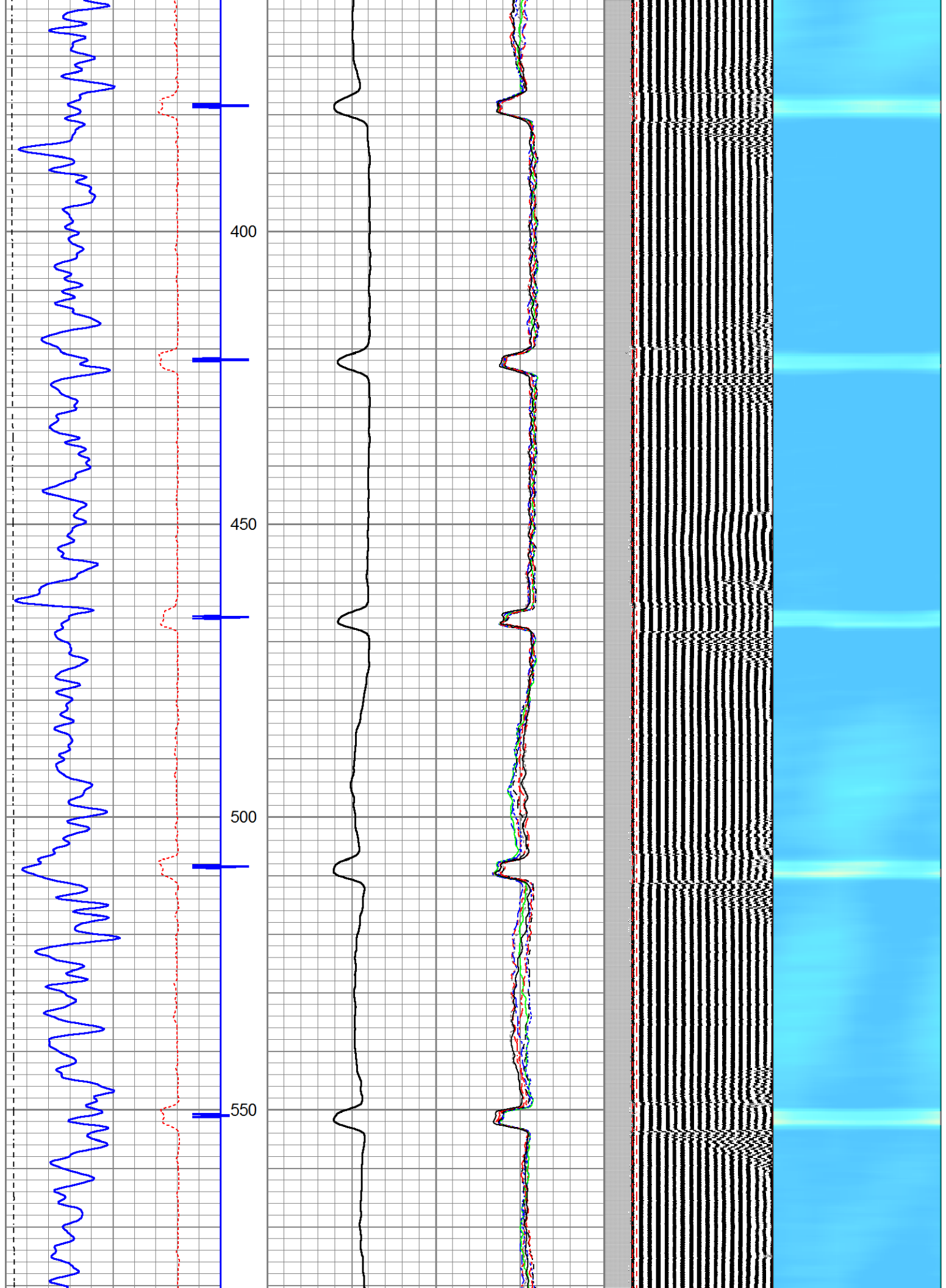
325	TT (usec)	225	0	Amplitude (mV)	100	-5	AMPS2	150	200	VDL (usec)	1200	Cement Map
0	GR (GAPI)	200		Amplified Amplitude		-5	AMPS3	150				
0	LTEN (lb)	3000	0	(mV)	10	-5	AMPS4	150				
						-5	AMPS5	150				
						-5	AMPS6	150				
						-5	AMPS7	150				
						-5	AMPS8	150				
						-5	AMPS1	150				

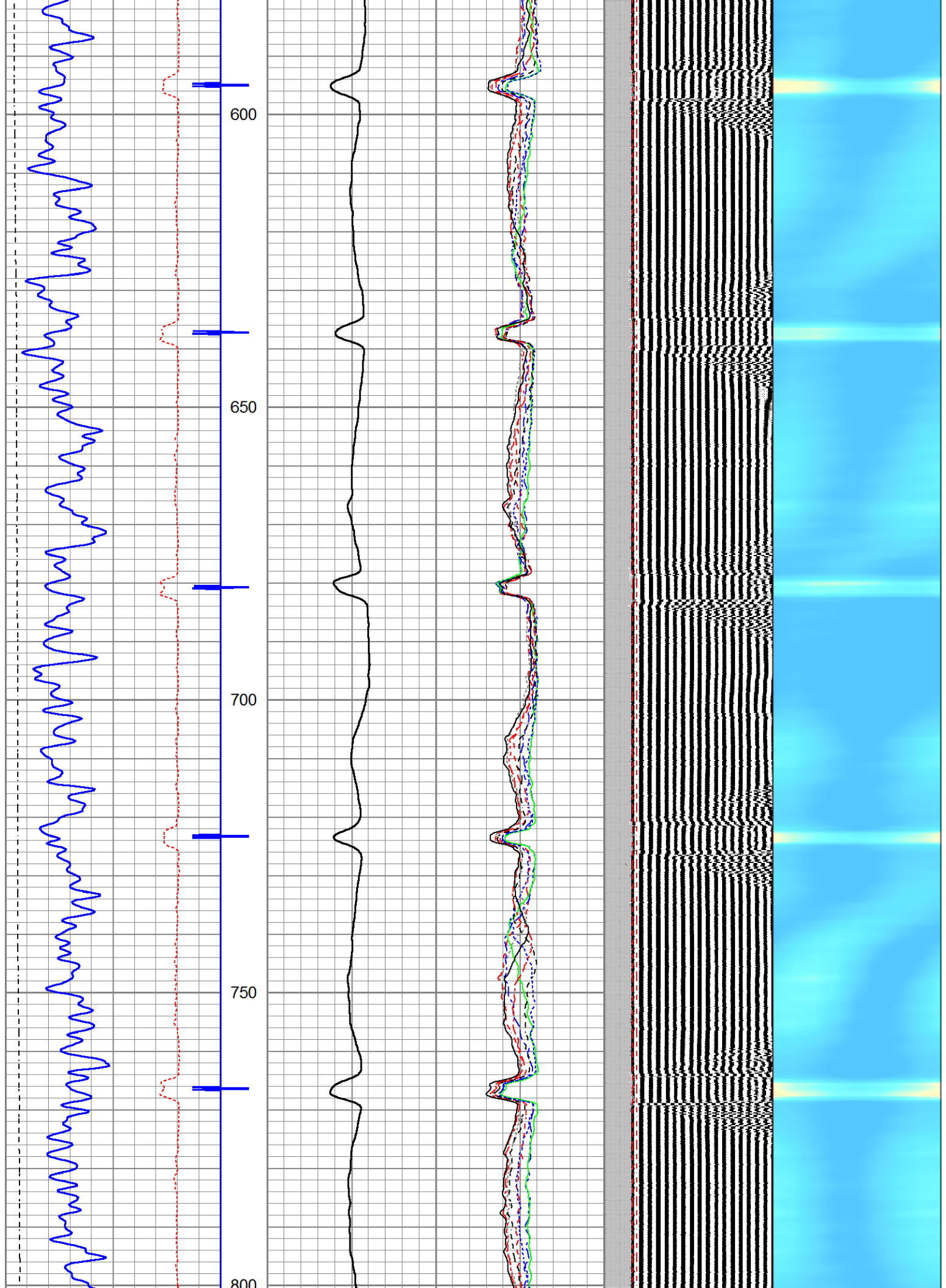
CCL

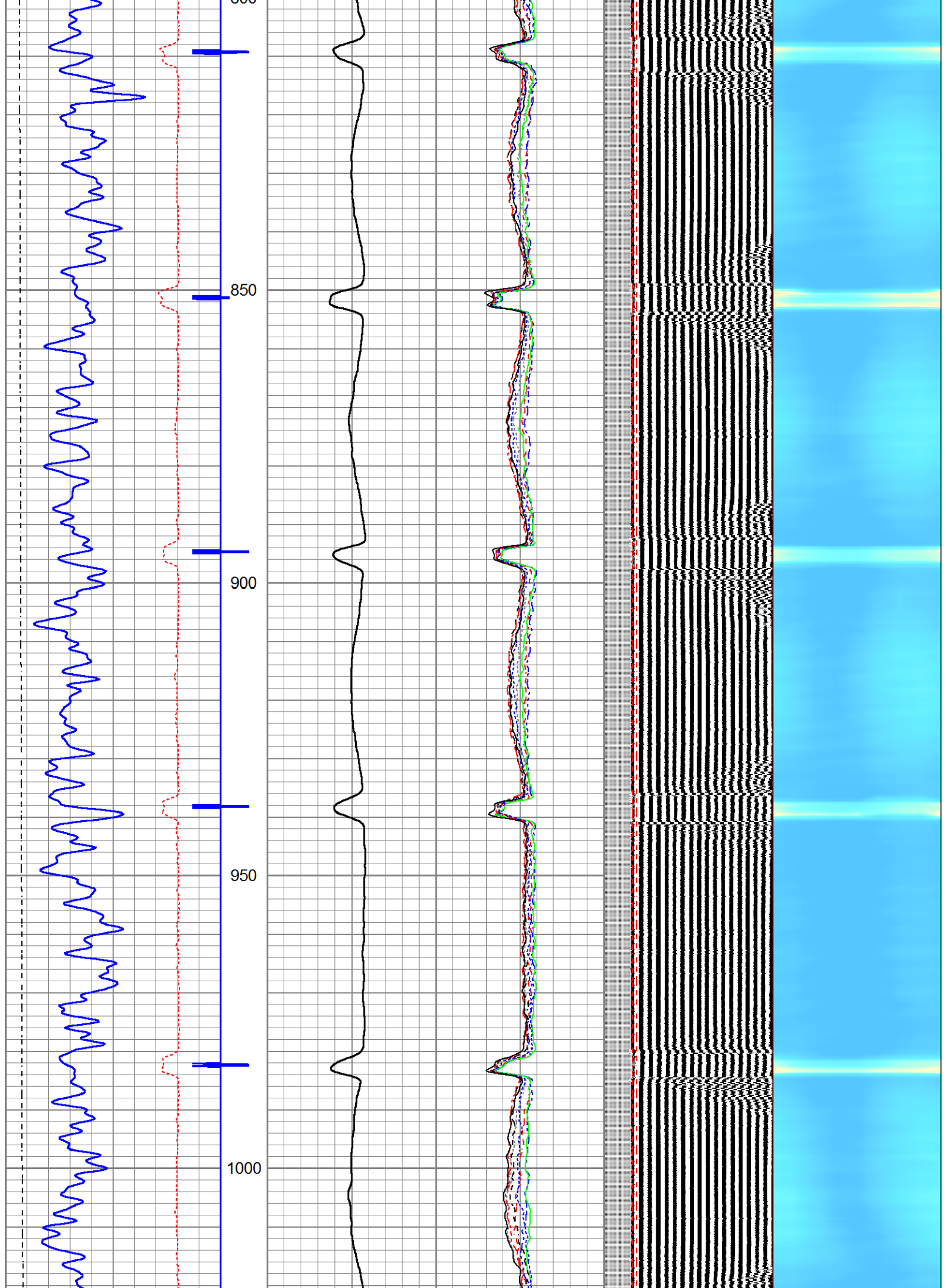
Free Pipe Section

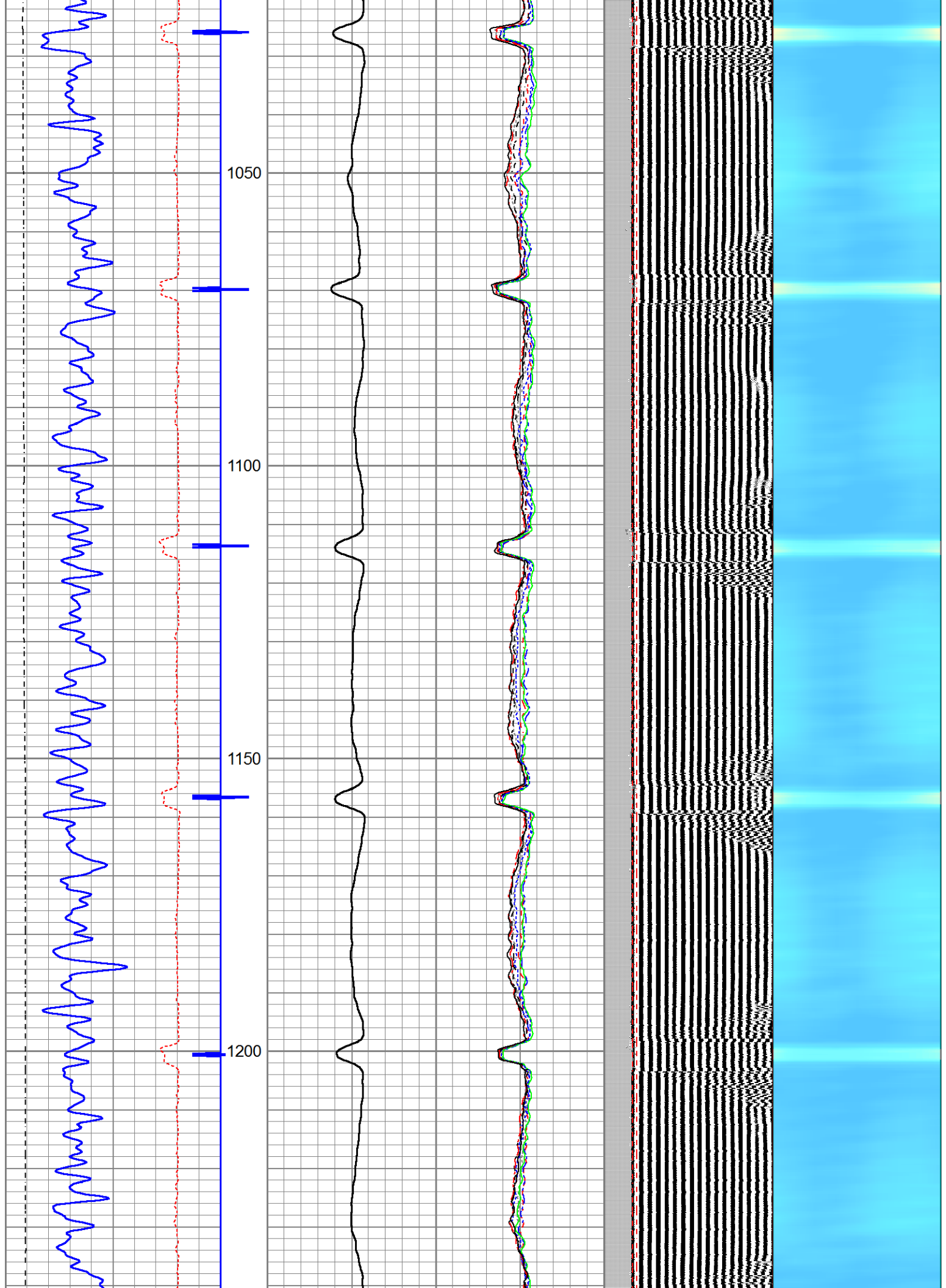


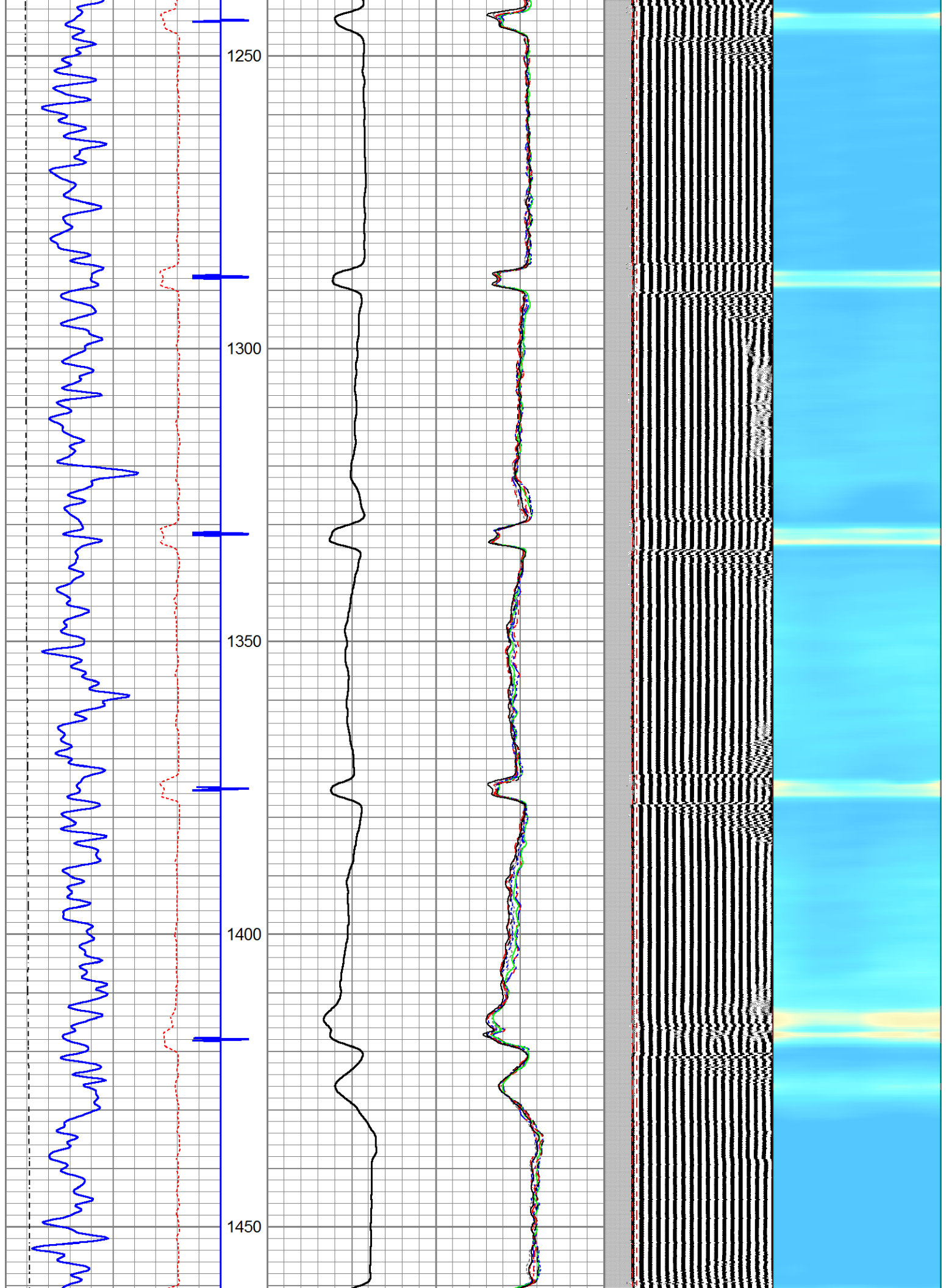


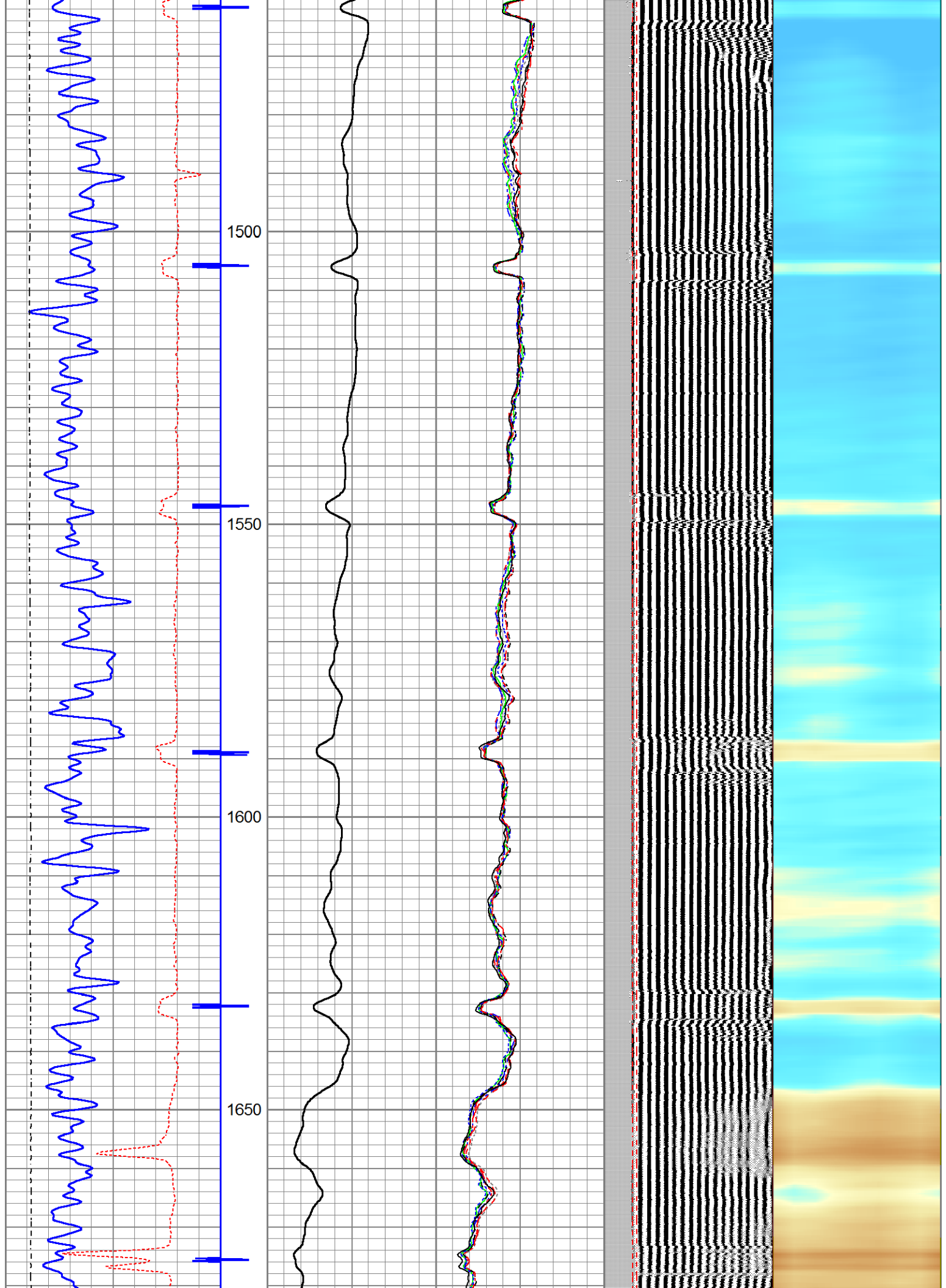


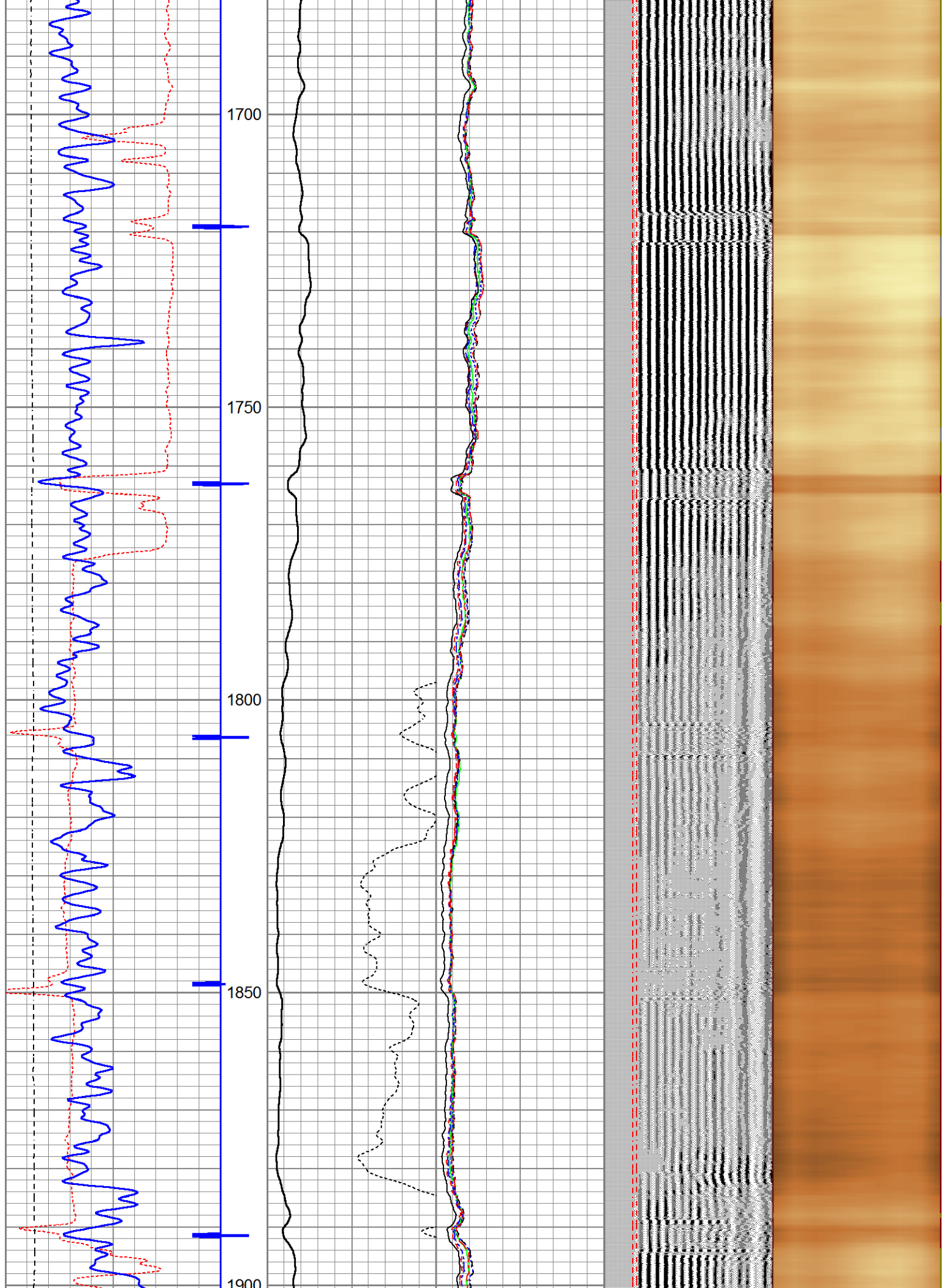


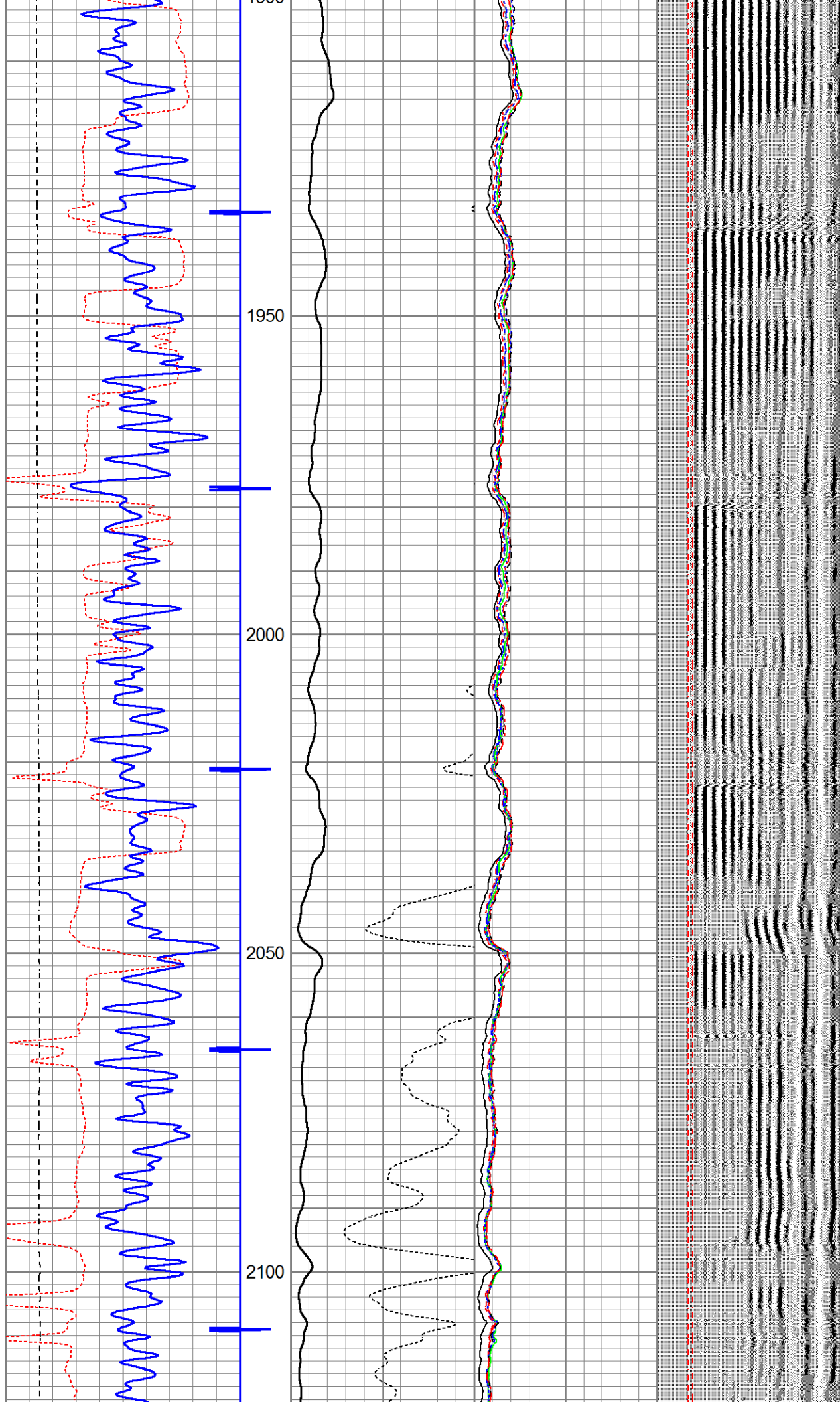


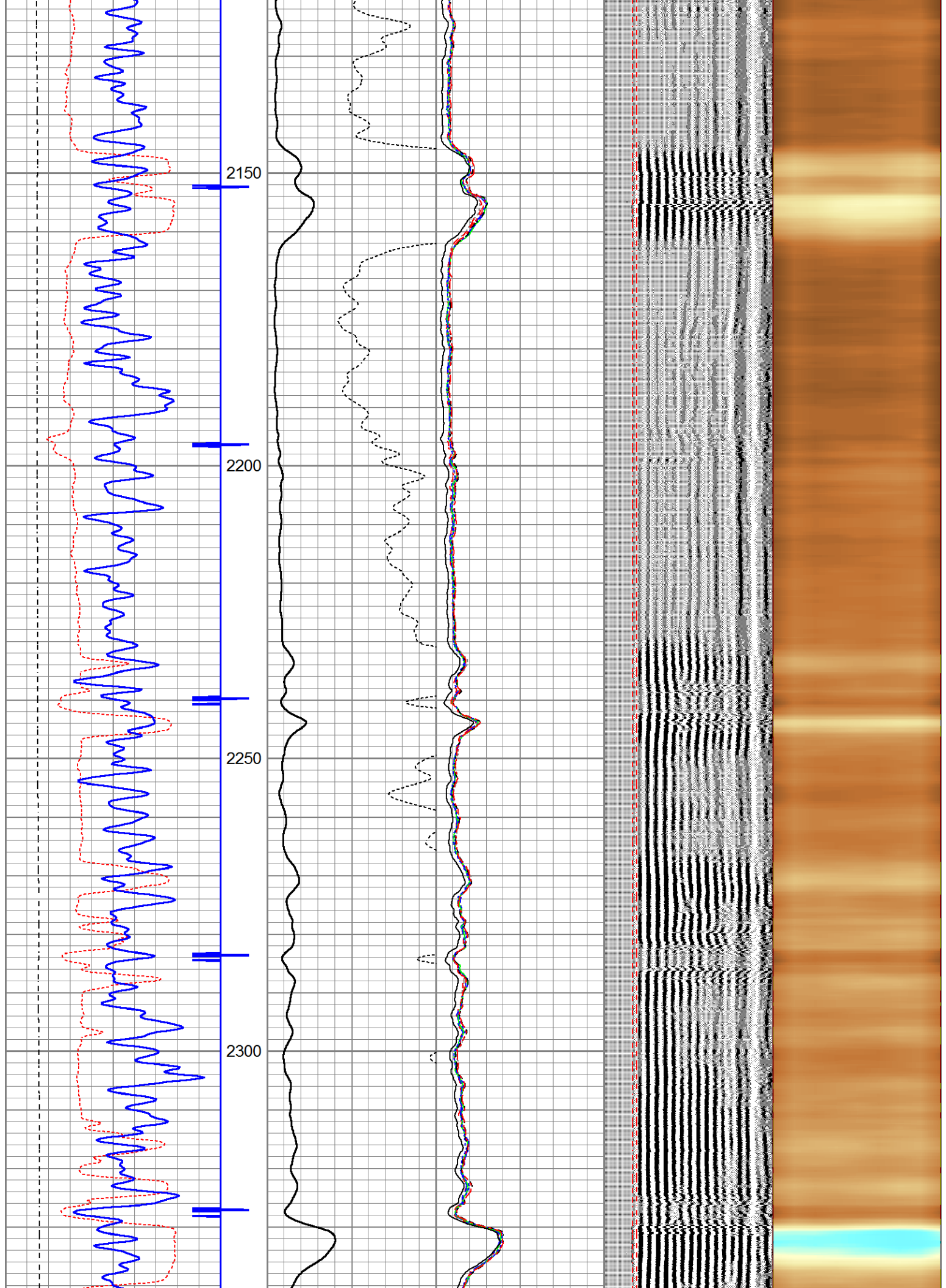


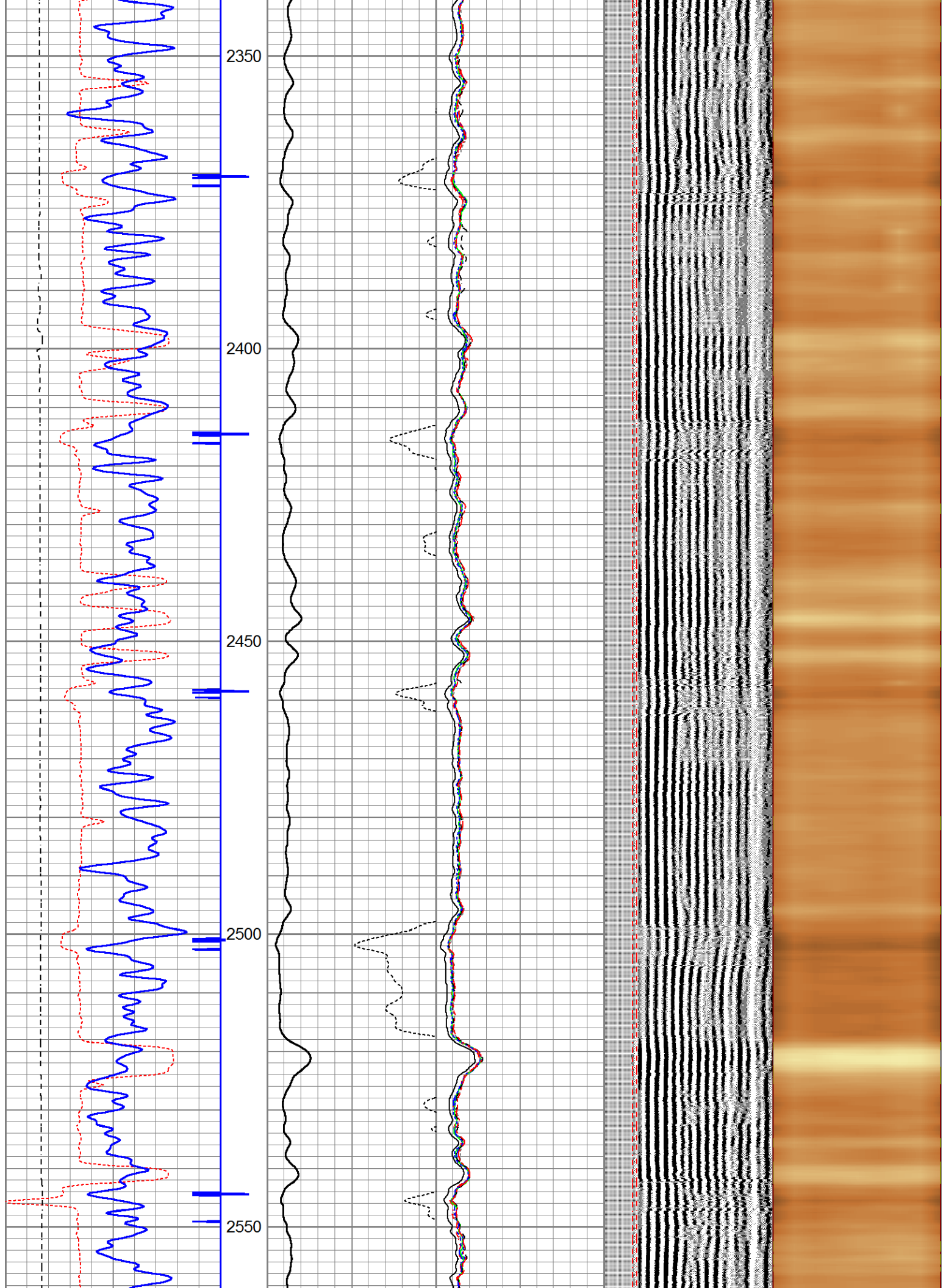


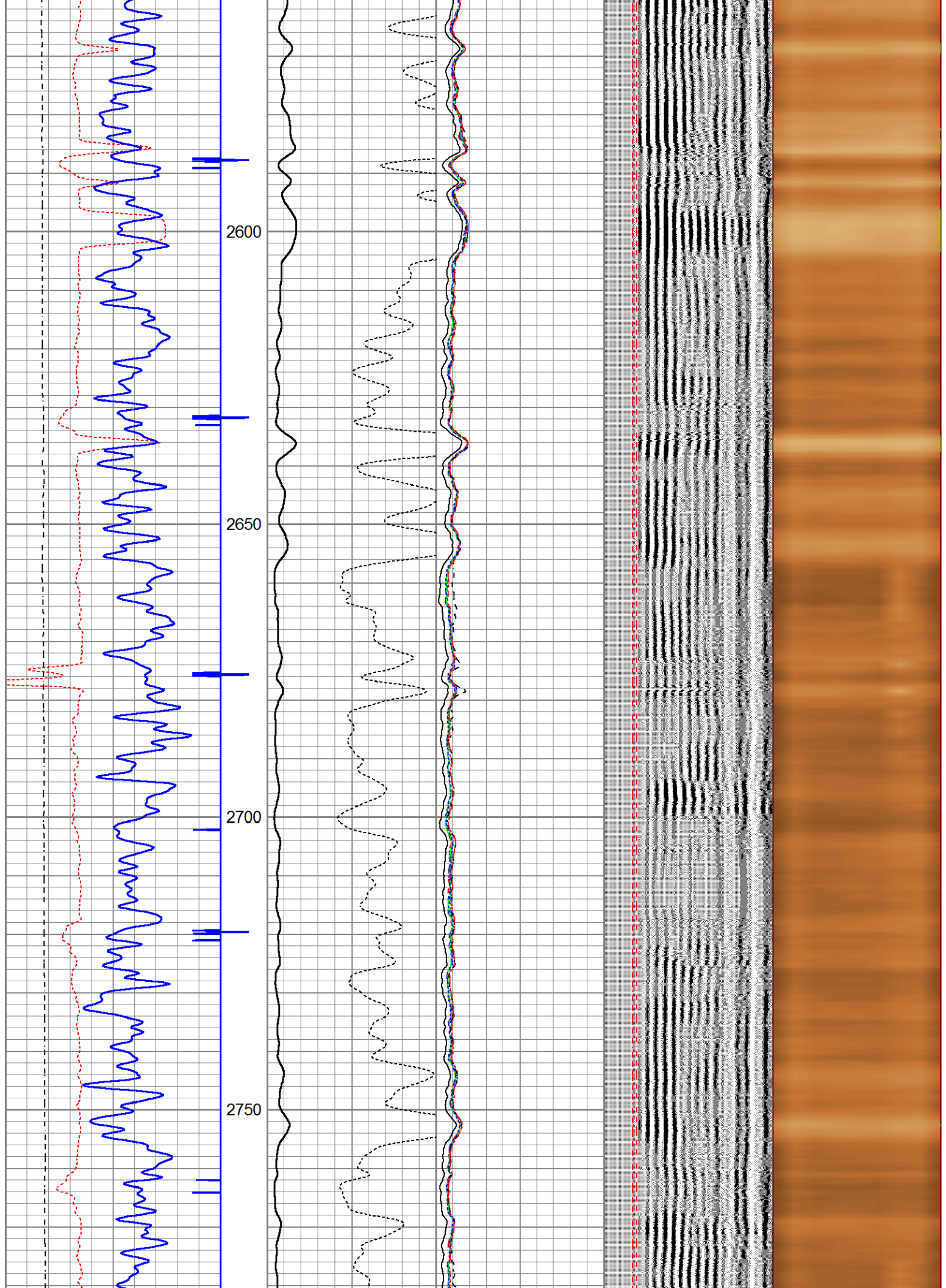


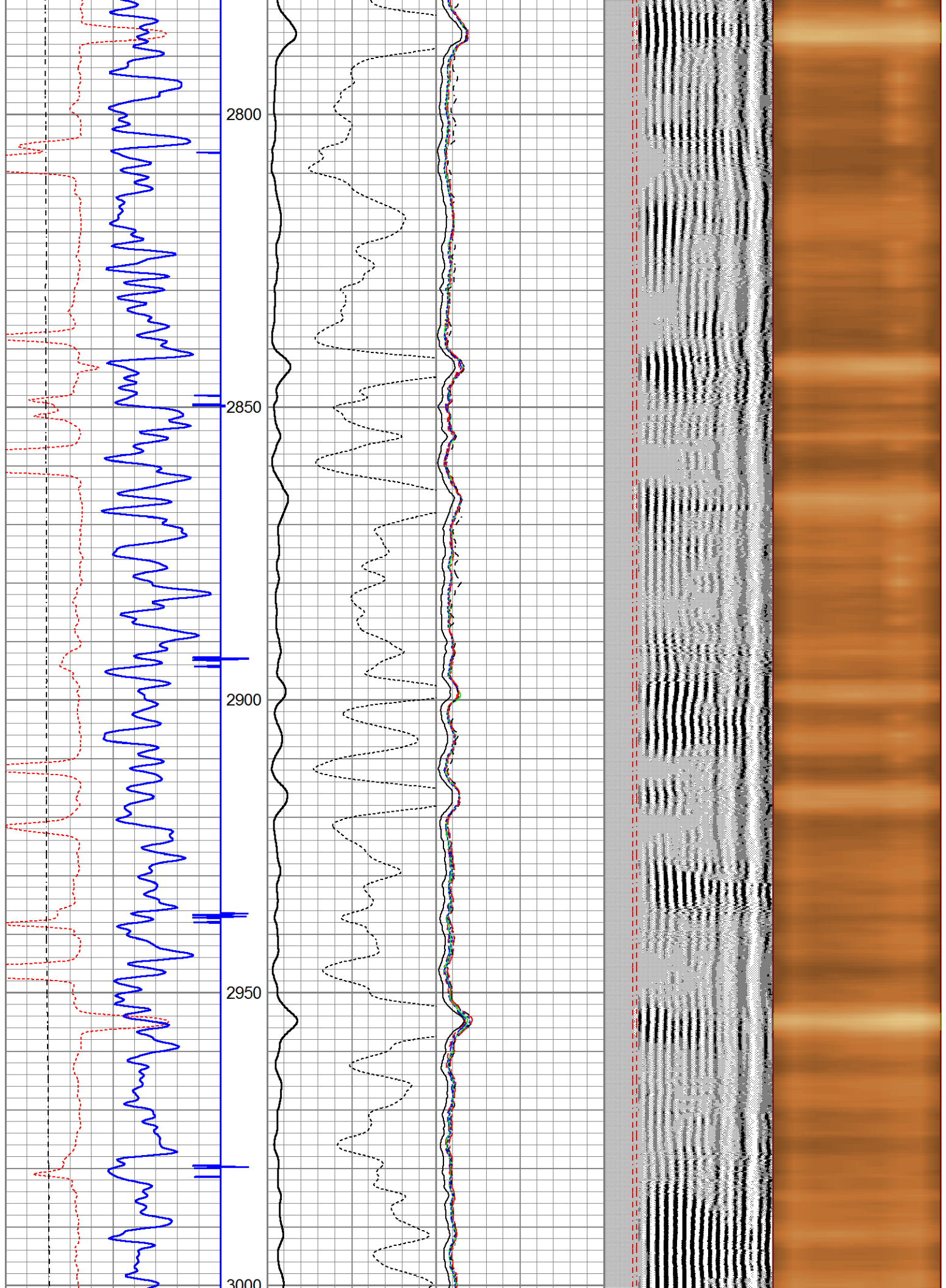


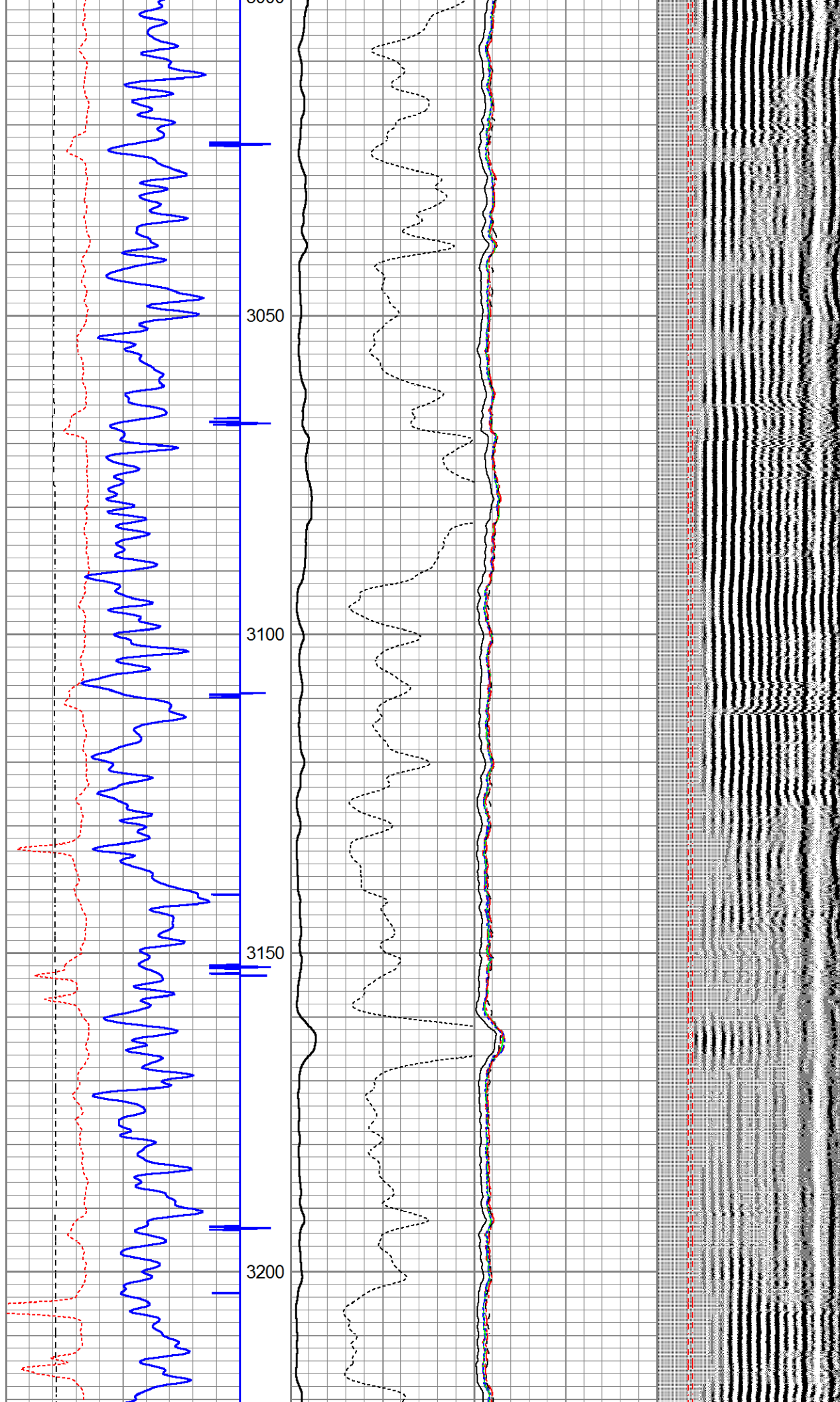


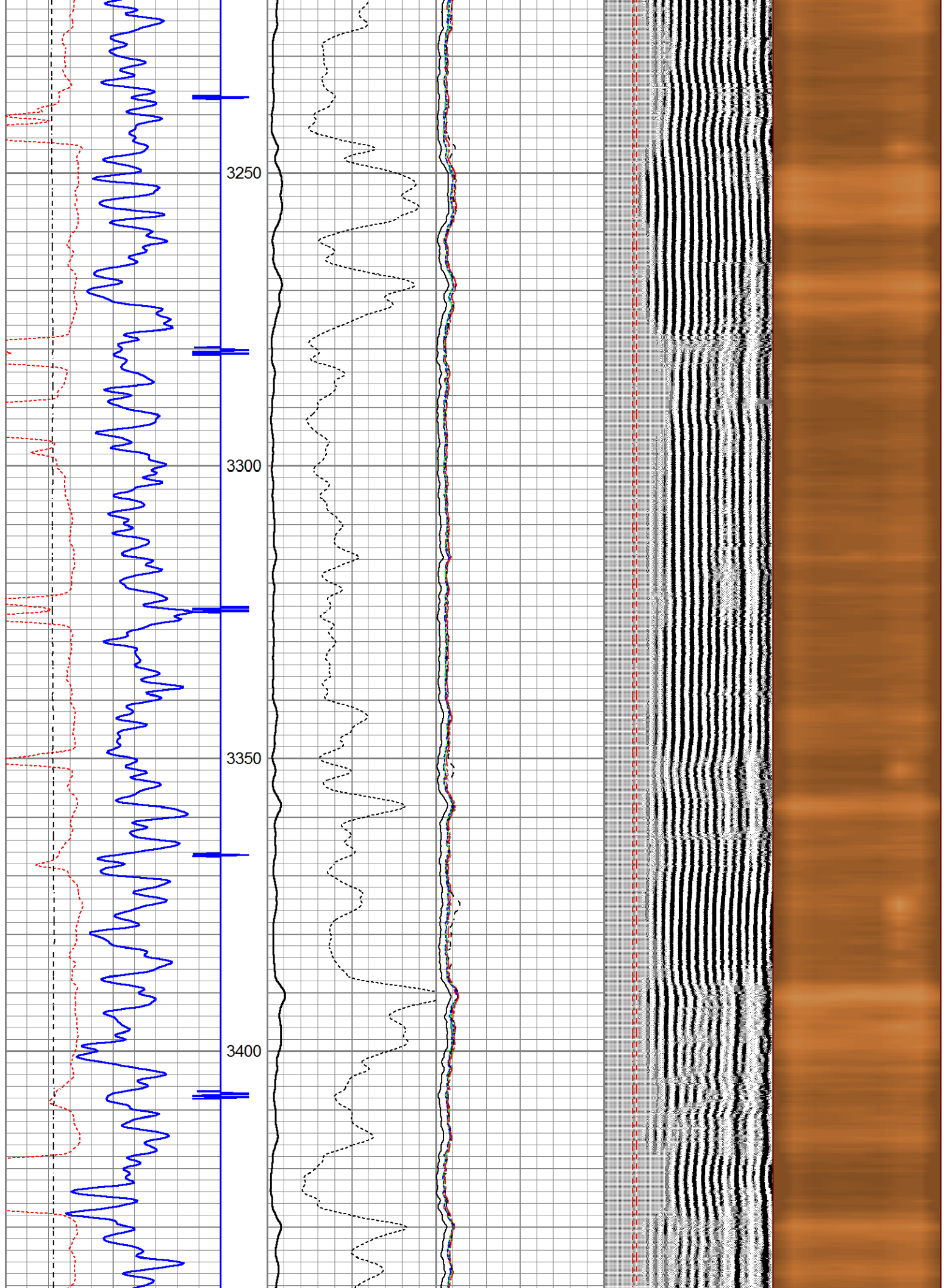


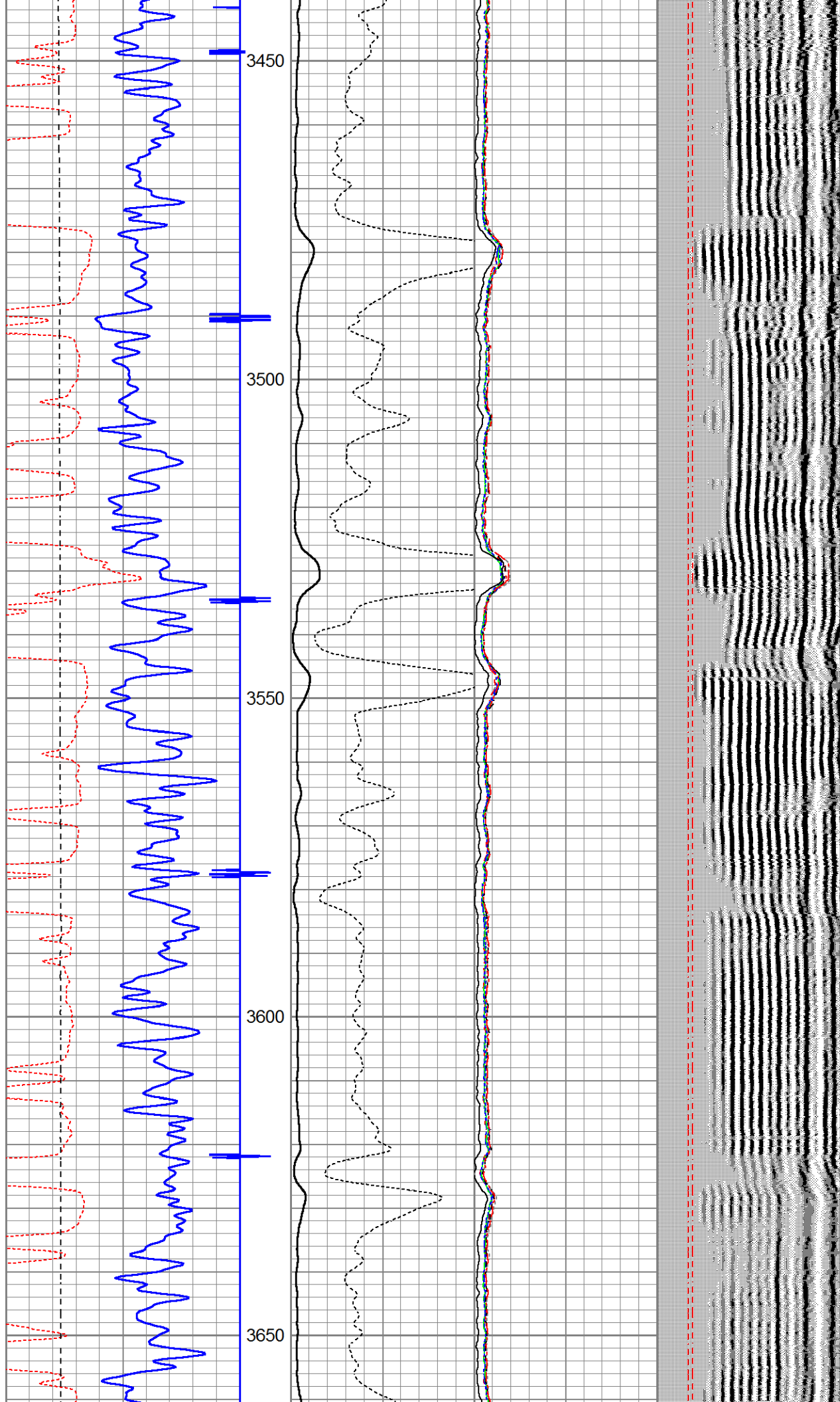


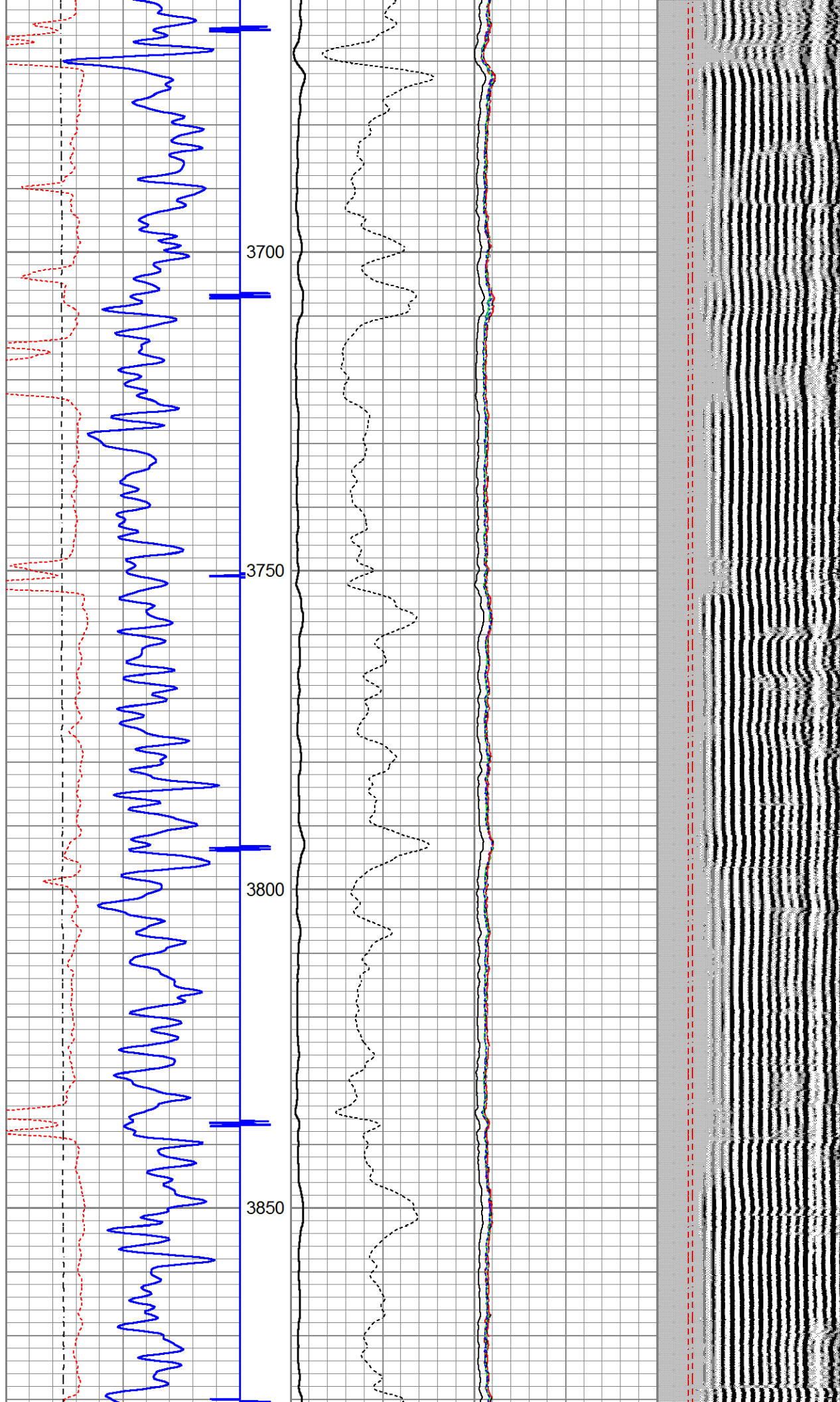


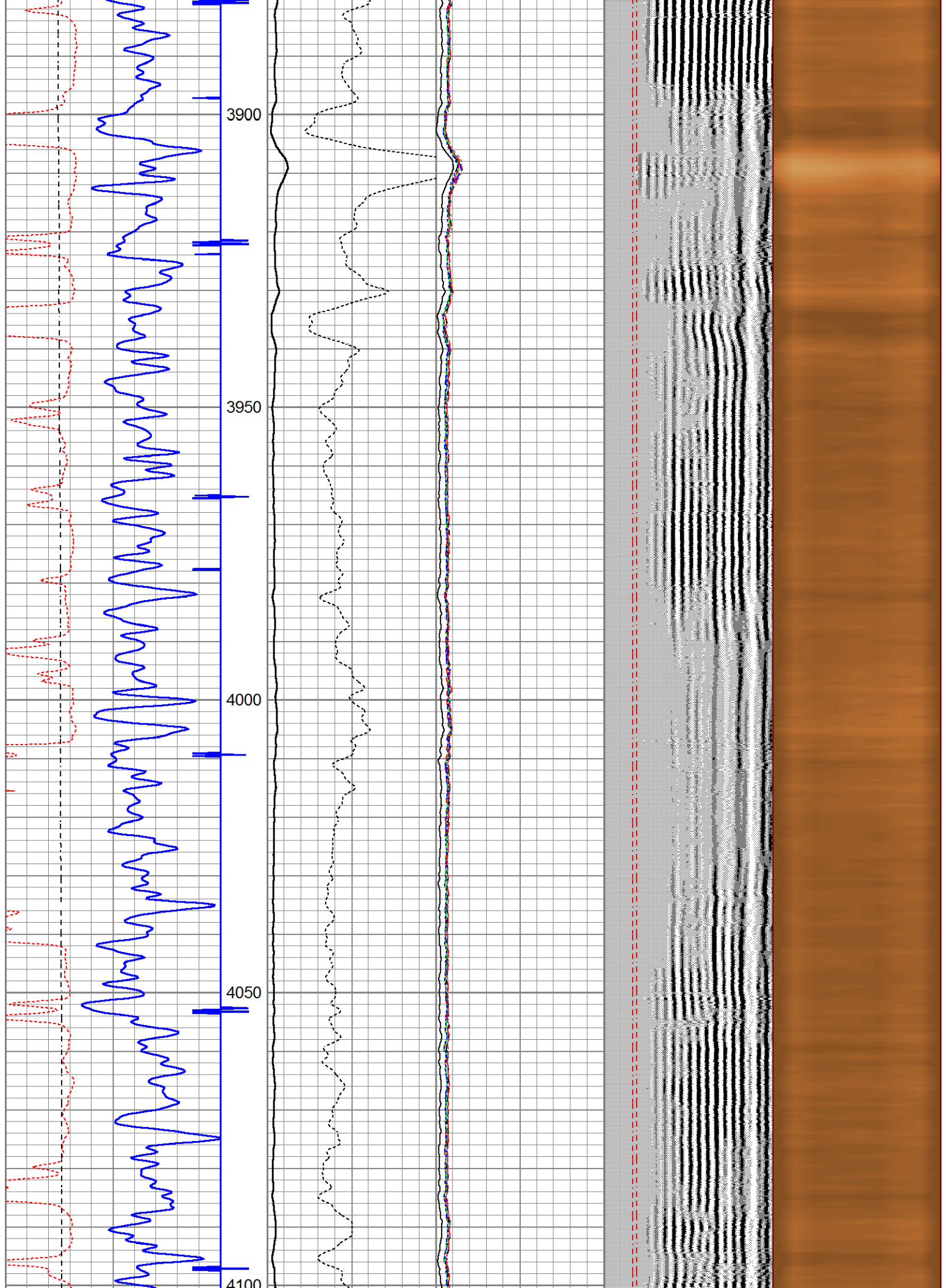


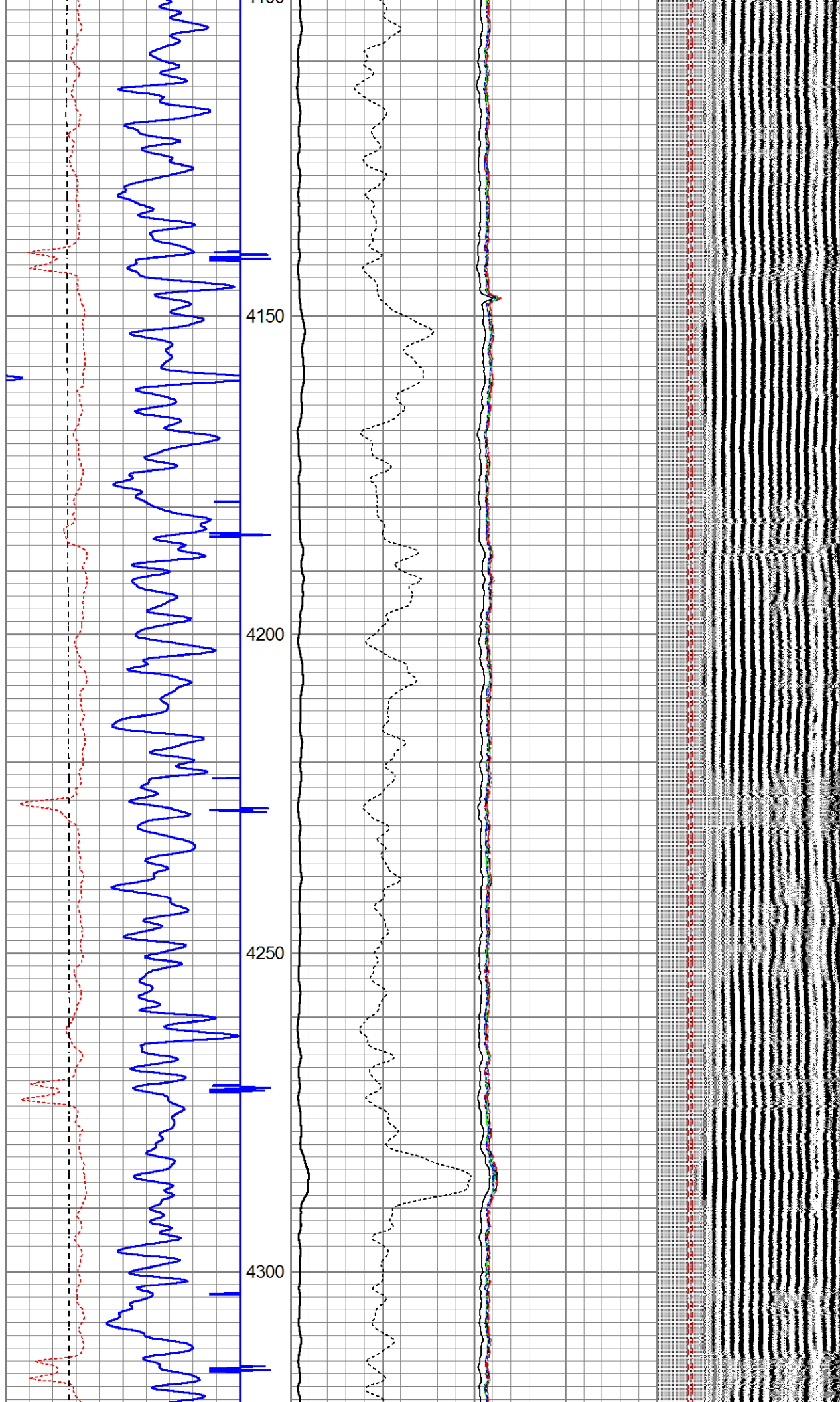


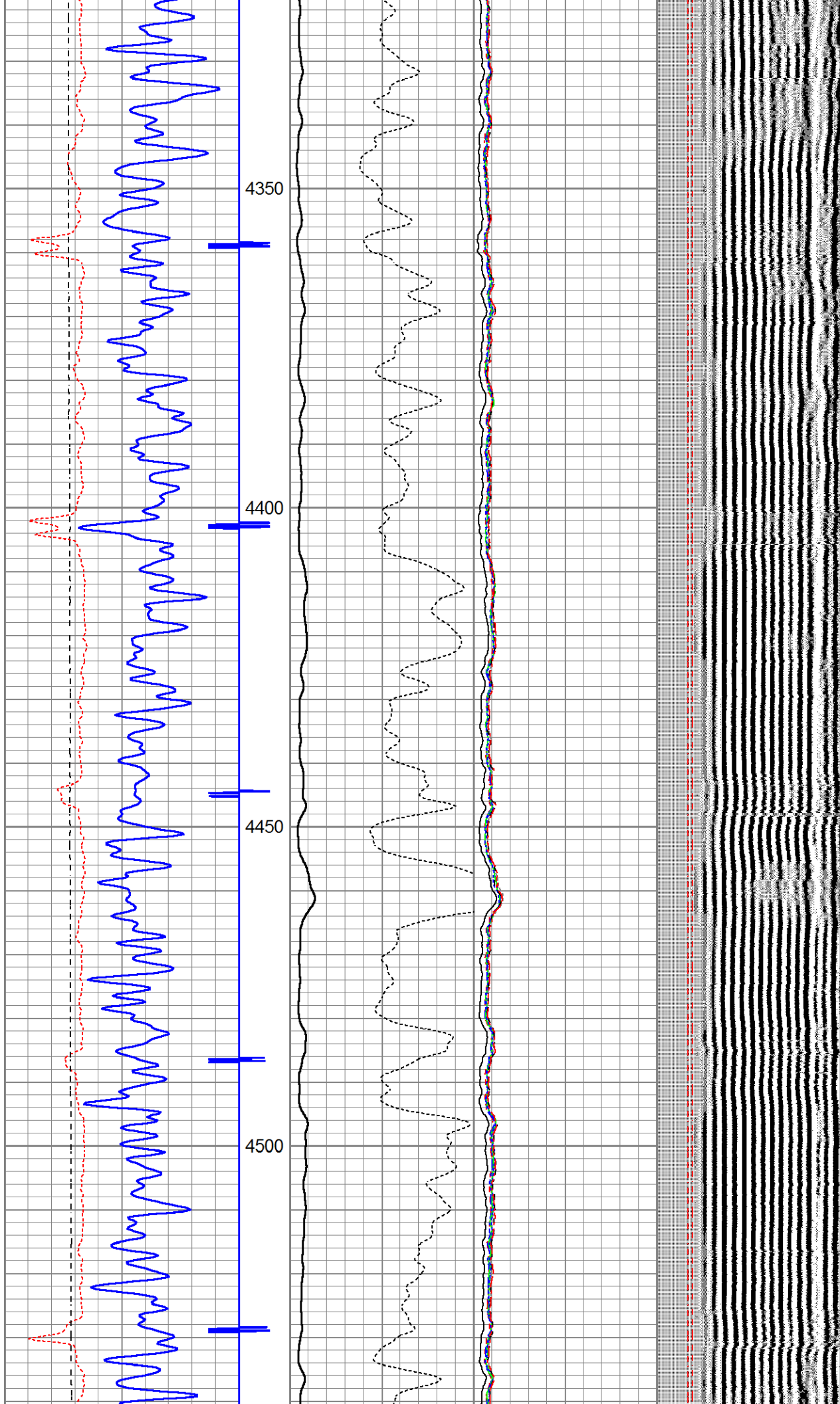


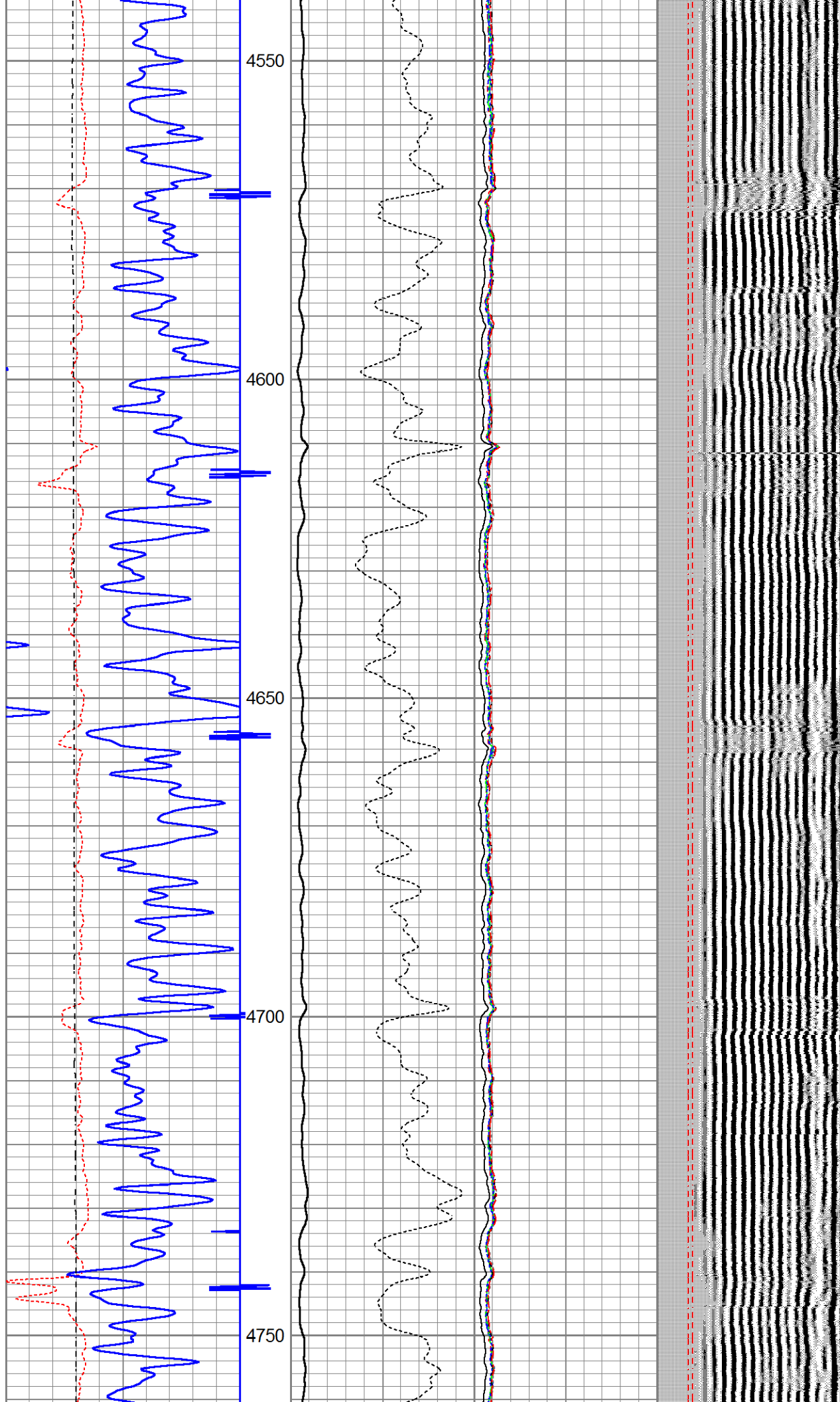


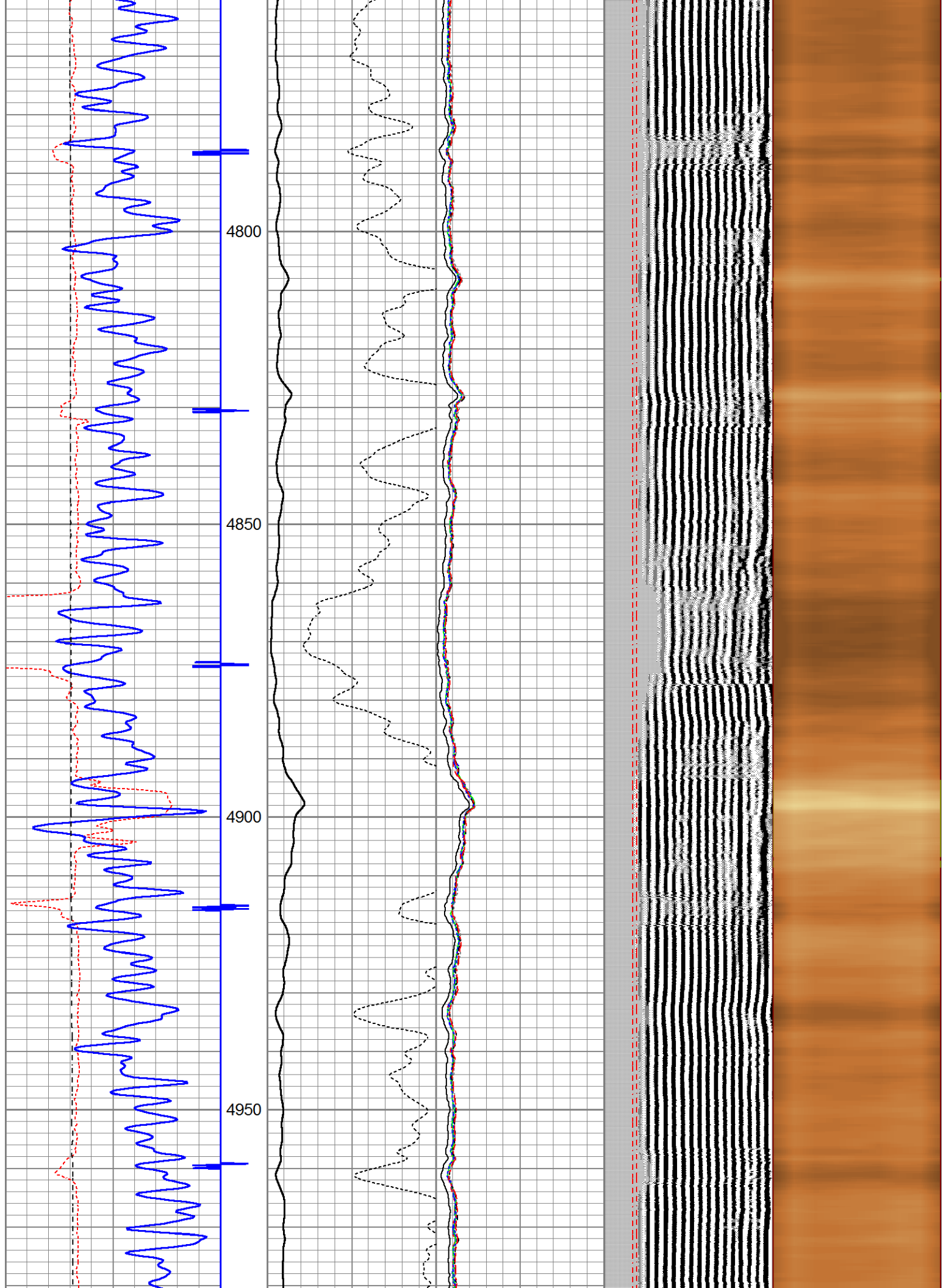


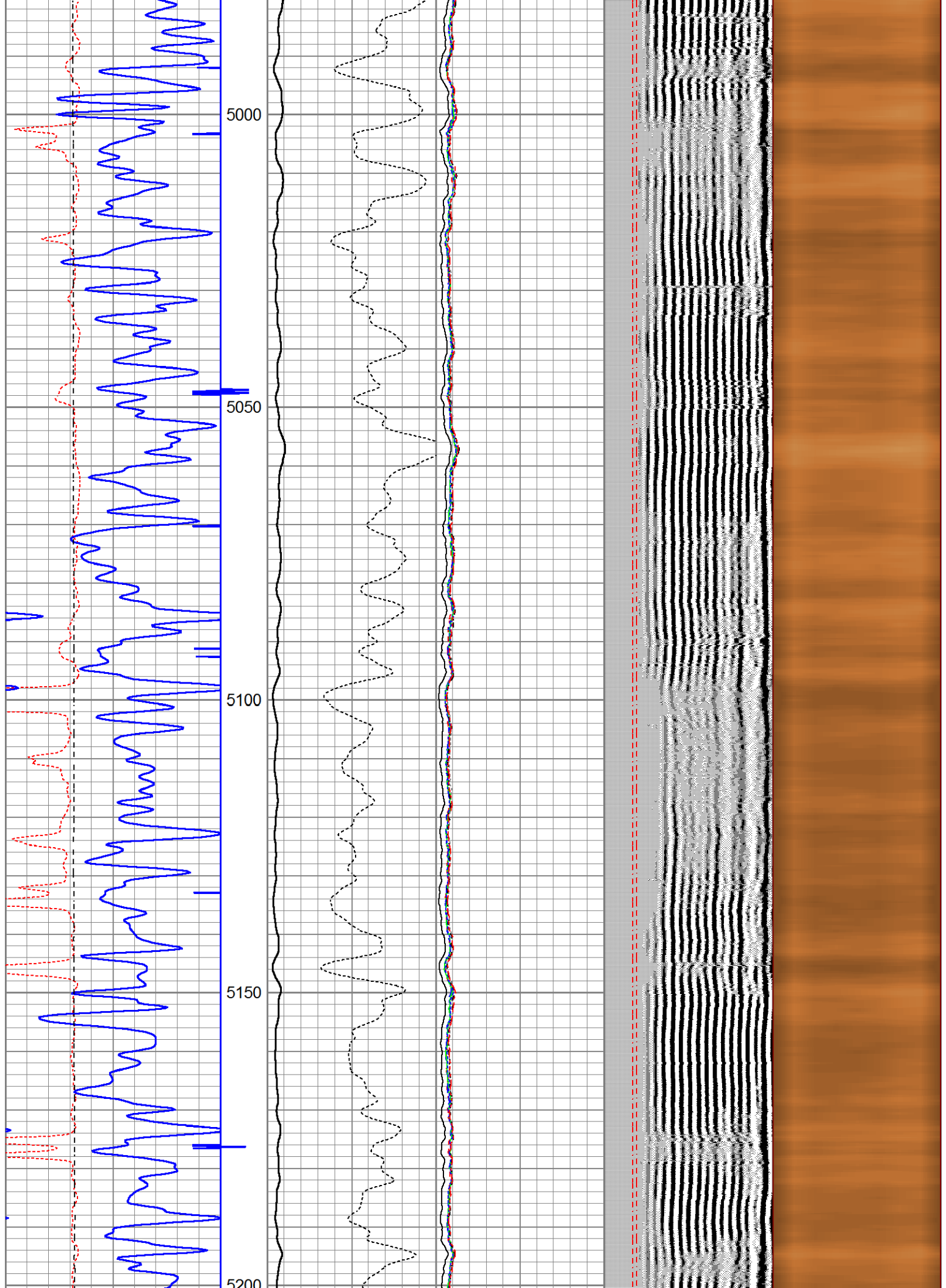


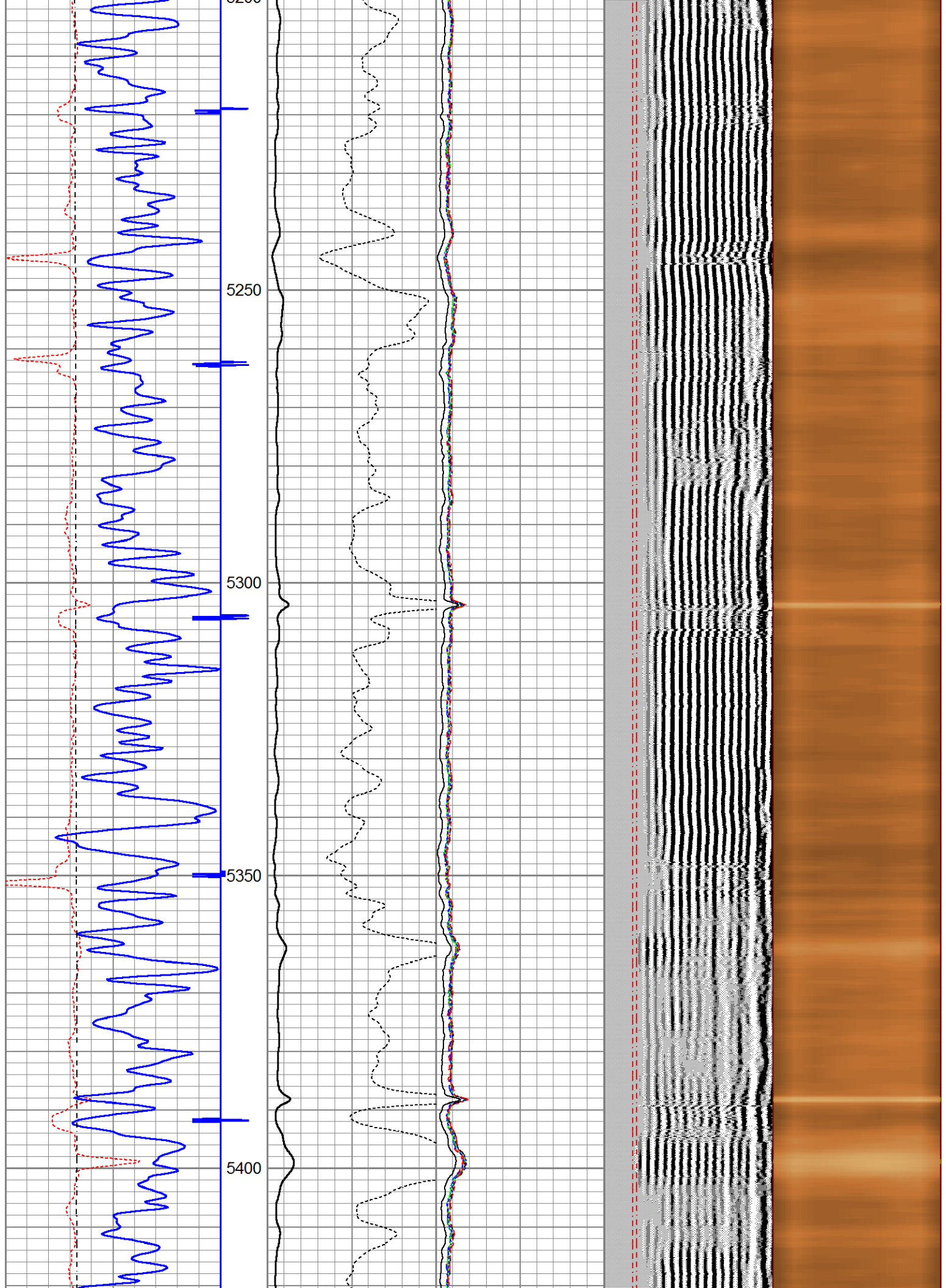


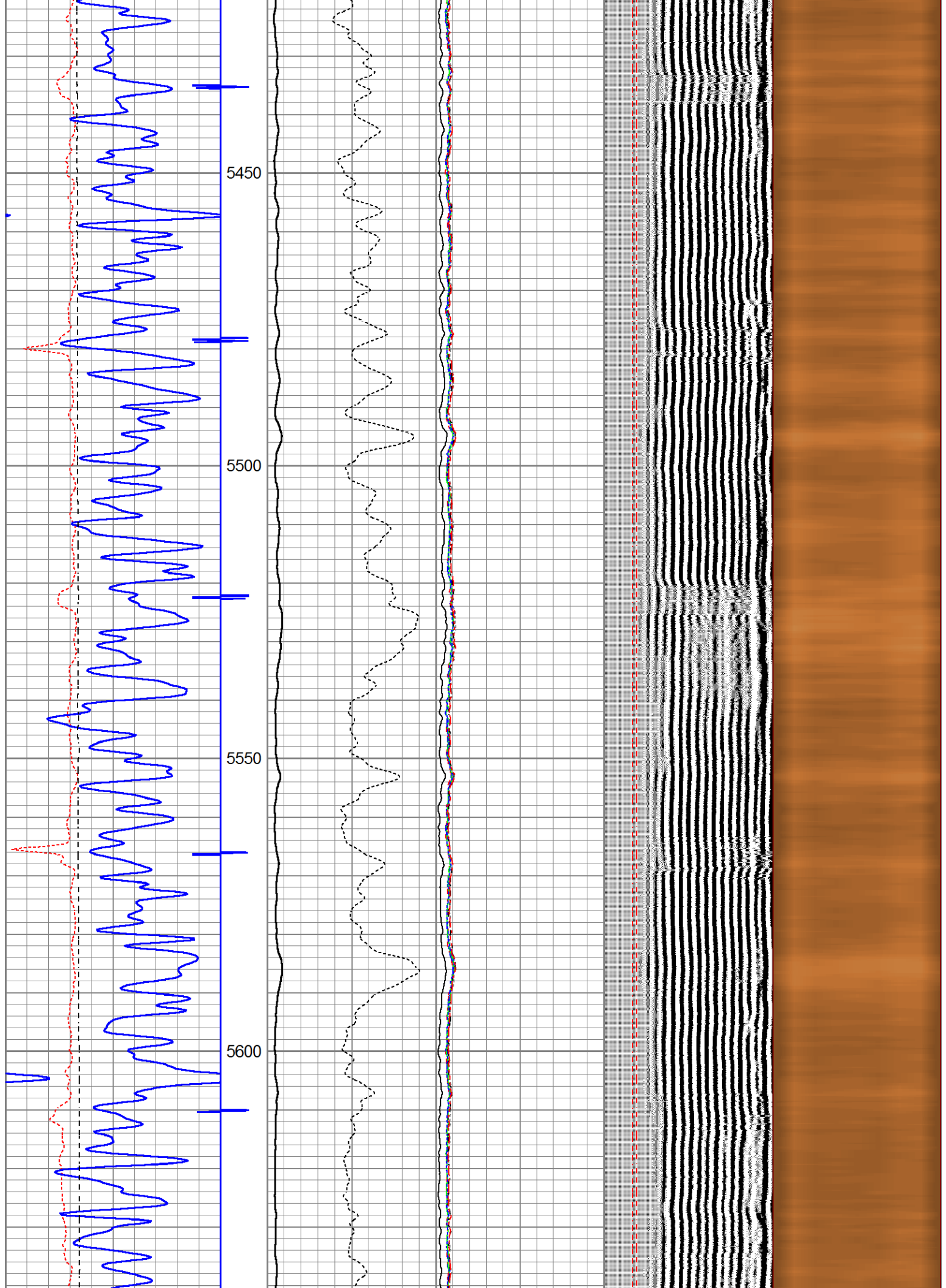


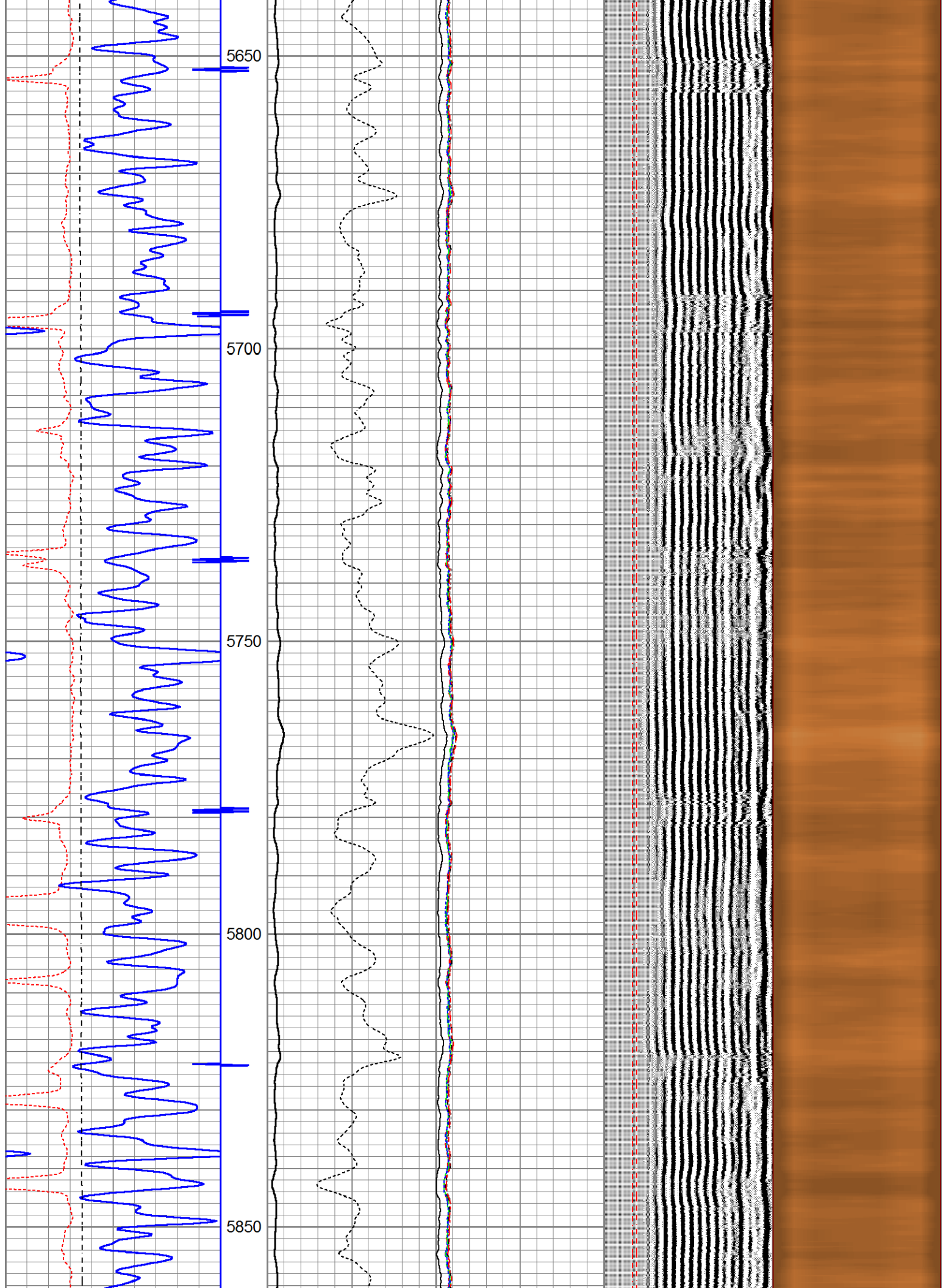


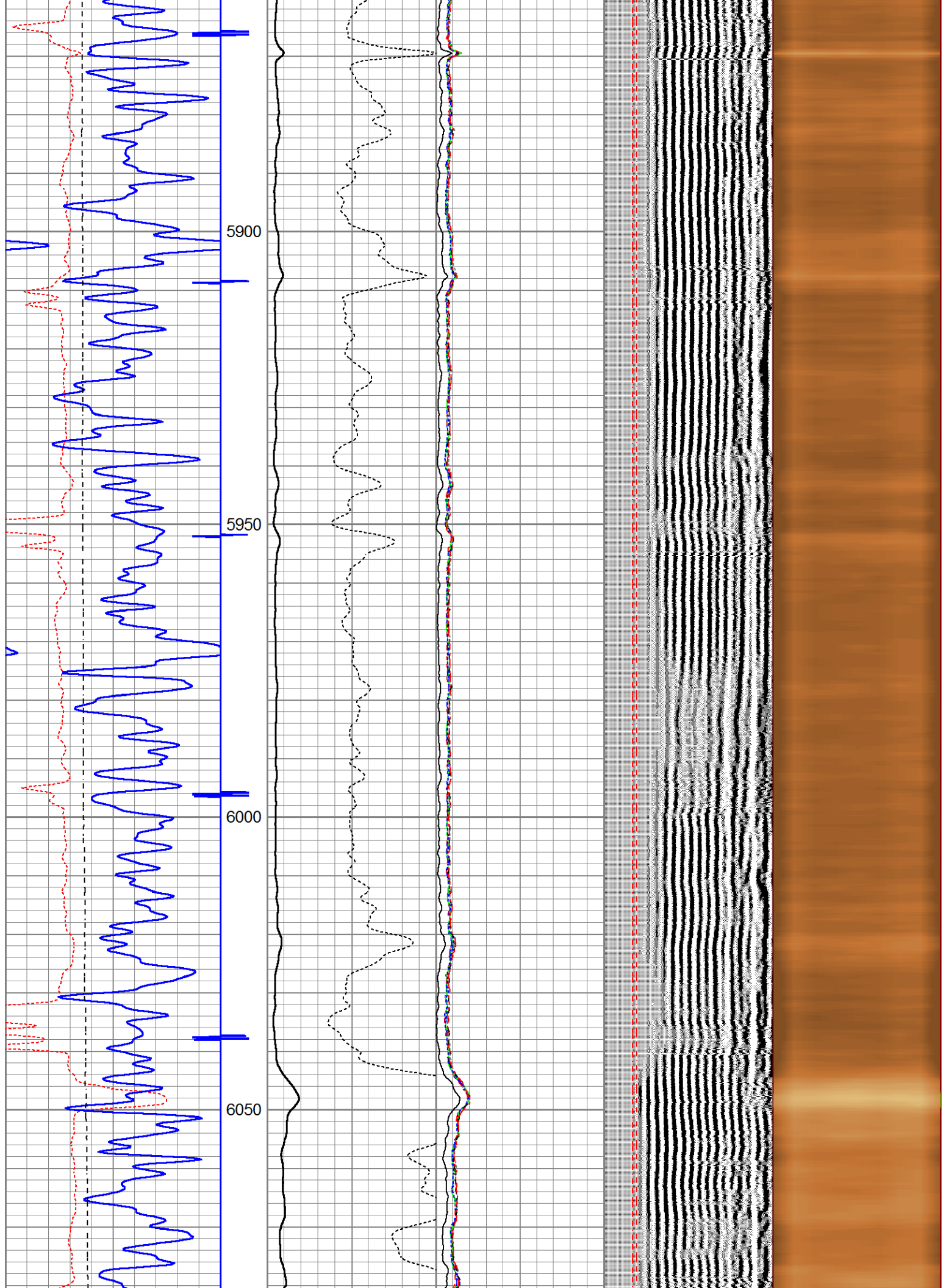


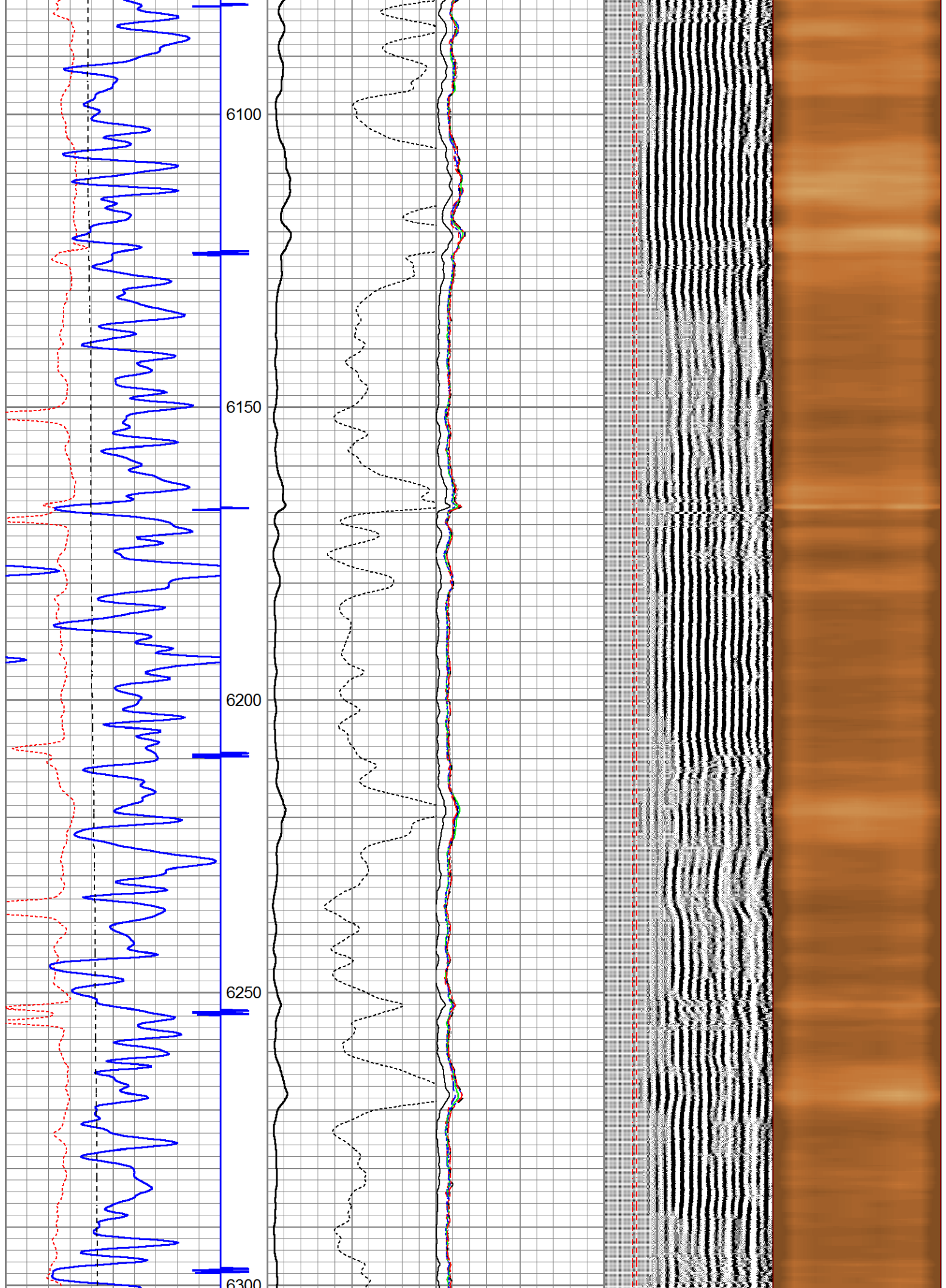


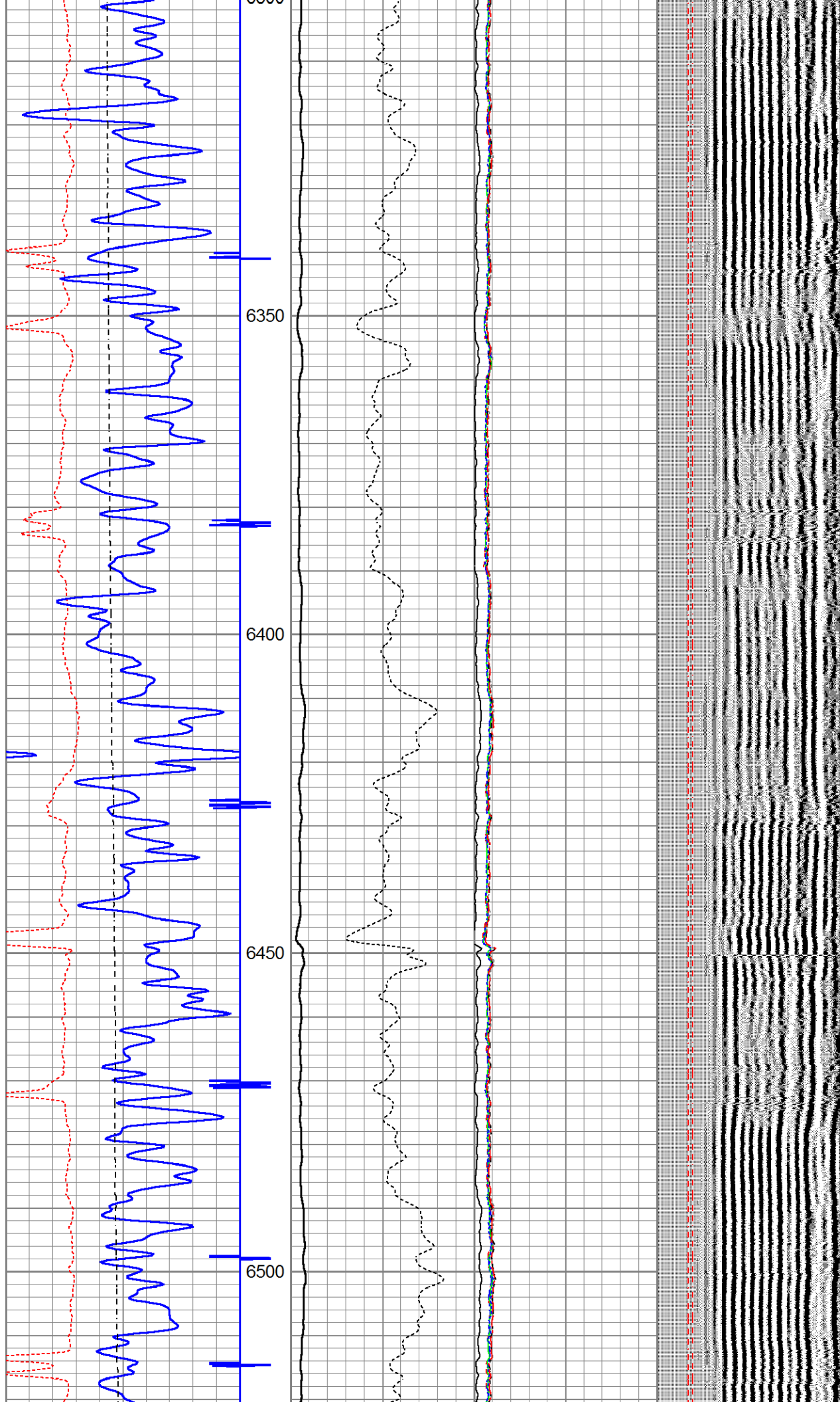


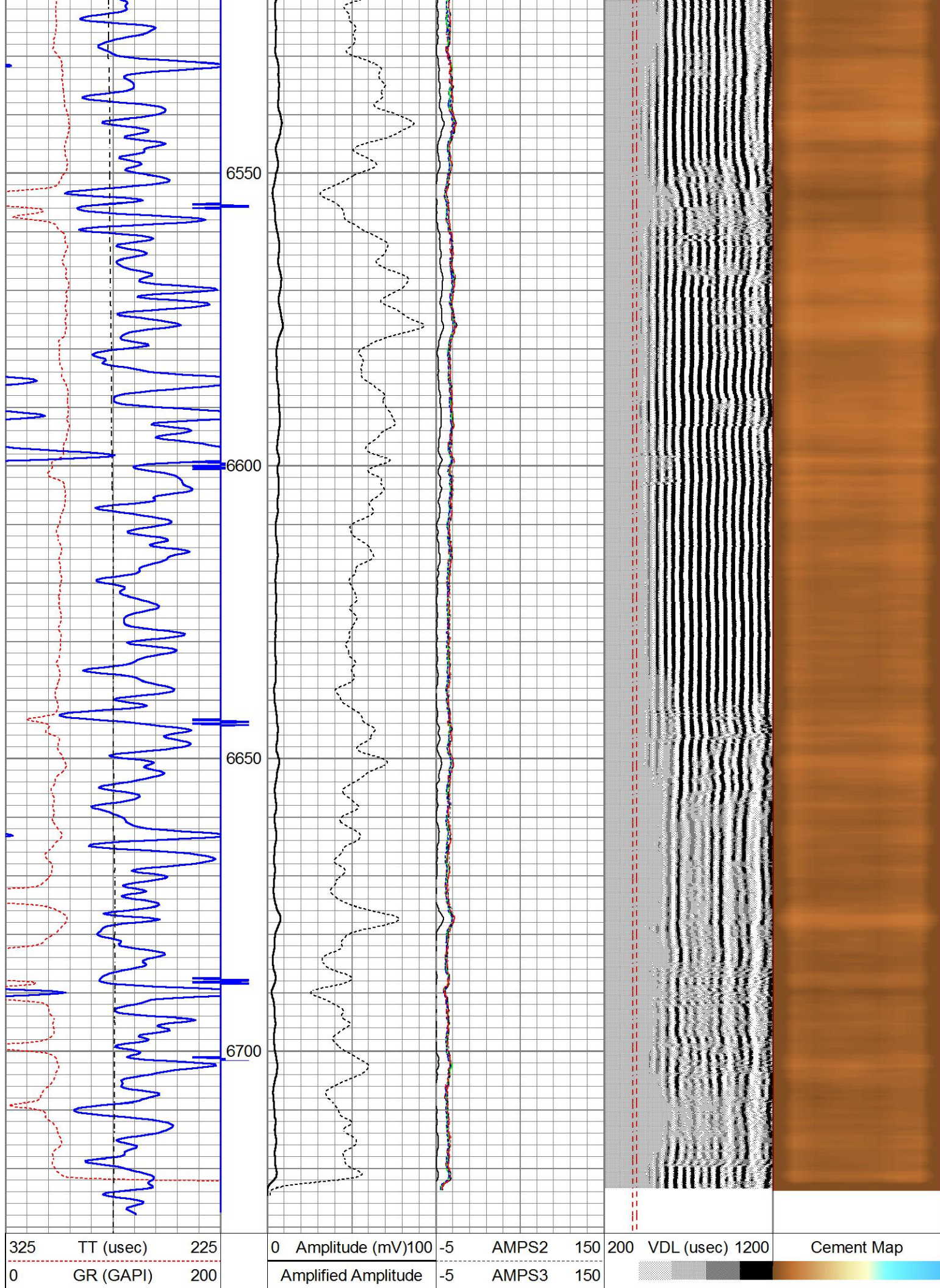













0	LTEN (lb)	3000	0	(mV)	10	-5	AMPS4	150	Free Pipe Section
		CCL				-5	AMPS5	150	
						-5	AMPS6	150	
						-5	AMPS7	150	
						-5	AMPS8	150	
						-5	AMPS1	150	

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