



RADIAL CEMENT
BOND LOG

Company		CONFLUENCE					
Well		70 RANCH 10-14-1L					
Field		WATTENBERG					
County		WELD					
State		COLORADO					
Location:		API #: 05-123-47593					
Permanent Datum		SEC 3 TWP 4N RGE 63W					
Log Measured From		GROUND LEVEL Elevation 4597'					
Drilling Measured From		KELLY BUSHING = 23'					
Other Services		NONE					
Elevation		K.B. 4620'					
		D.F. 4619'					
		G.L. 4597'					
Date		15 AUGUST 2019					
Run Number		ONE					
Depth Driller		16336'					
Depth Logger		6480'					
Bottom Logged Interval		6480'					
Top Log Interval		SURFACE					
Open Hole Size		8.5"					
Type Fluid		WATER					
Density / Viscosity		~8.3#					
Max. Recorded Temp.		221 DEG F					
Estimated Cement Top		5880'					
Time Well Ready		ROA					
Time Logger on Bottom		1225					
Equipment Number		W-060					
Location		WINDSOR, CO					
Recorded By		T. HAWLEY					
Witnessed By		JUSTIN GALE					
Borehole Record		Tubing Record					
Run Number	Bit	From	To	Size	Weight	From	To
1	13.5"	0'	1578'				
2	8.5"	1578'	16347'				
Casing Record		Size		Wgt/Ft		Top	
Surface String		9.625" / J-55 LTC		36#		0'	
Prot. String							
Production String		5.5" / P-110 CYHP		20#		0'	
Liner						16347'	

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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 USING CUTTERS WIRELINE

LOG RAN UNDER 0PSI

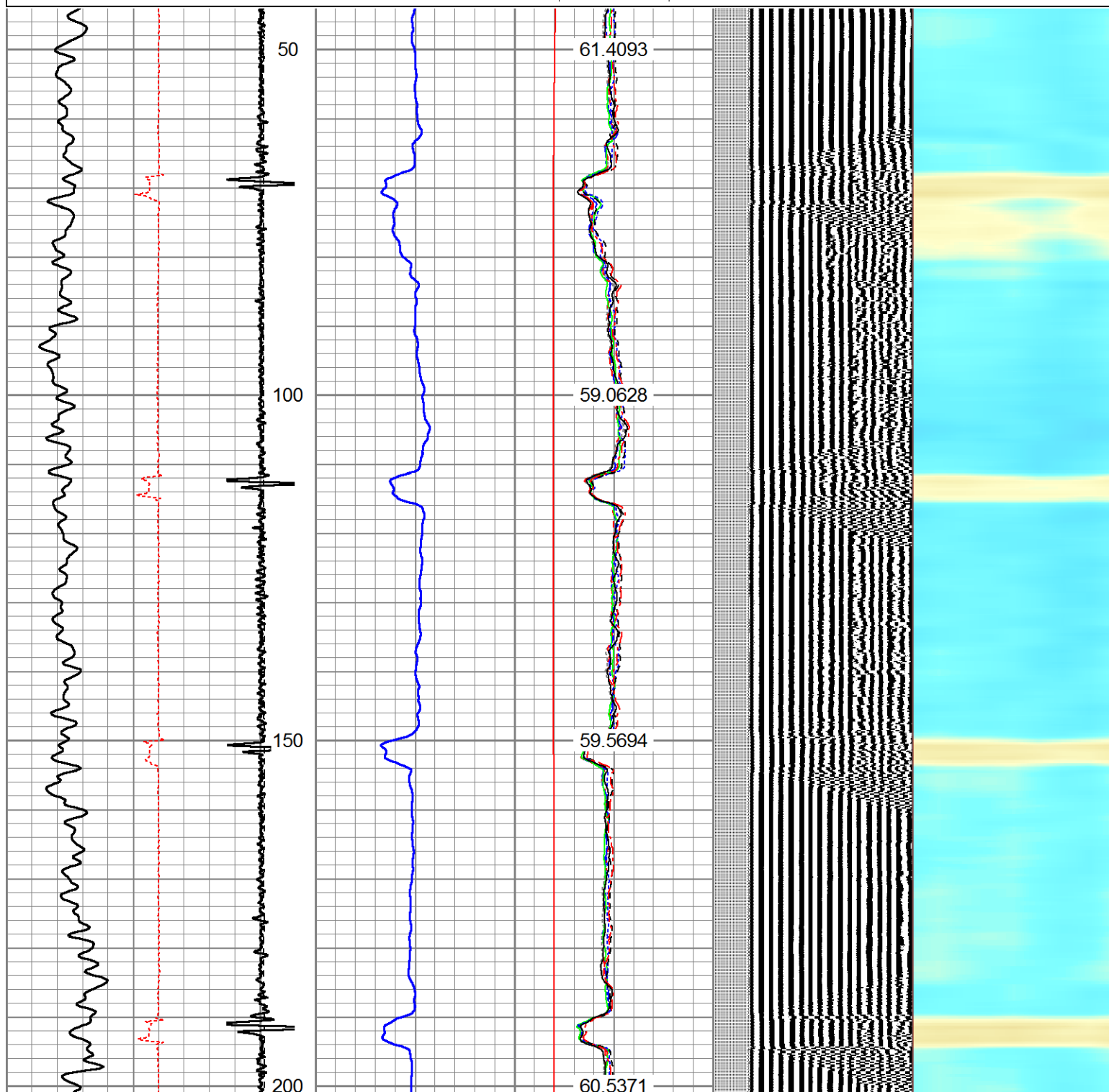
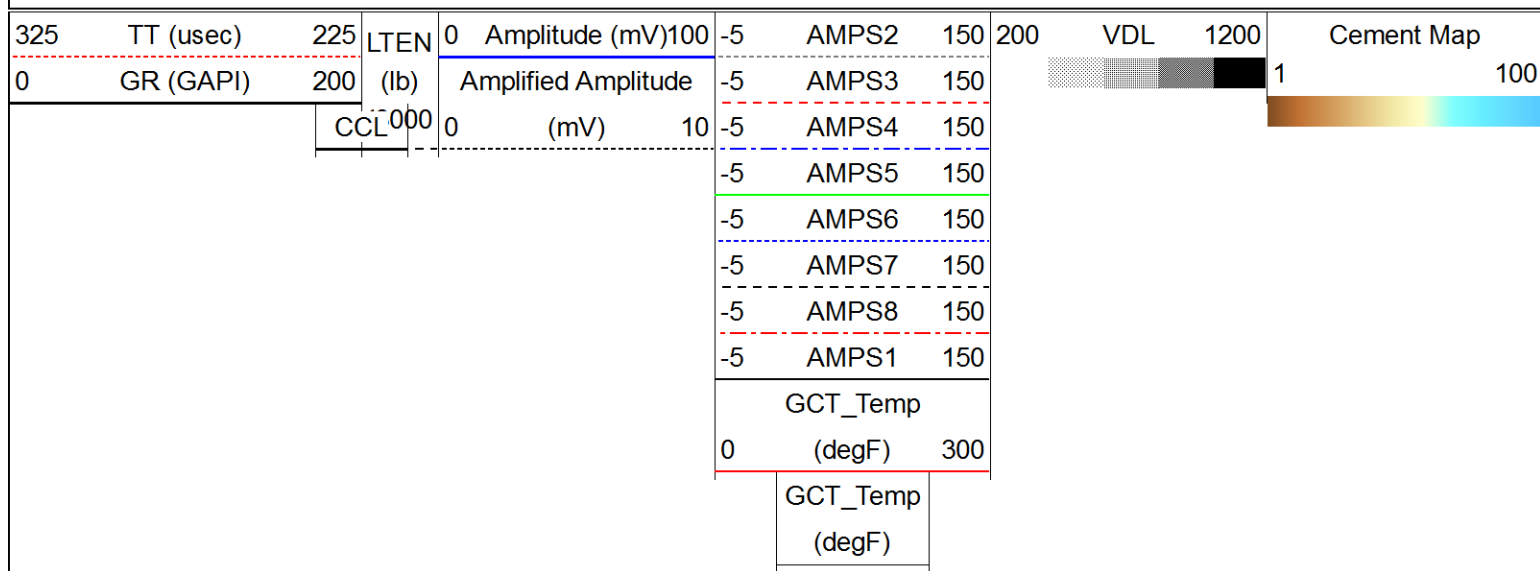
LOG ZEROED AT GROUND LEVEL, ADJUSTING +22' FOR MARKER JOINT AT 5857'-5879'

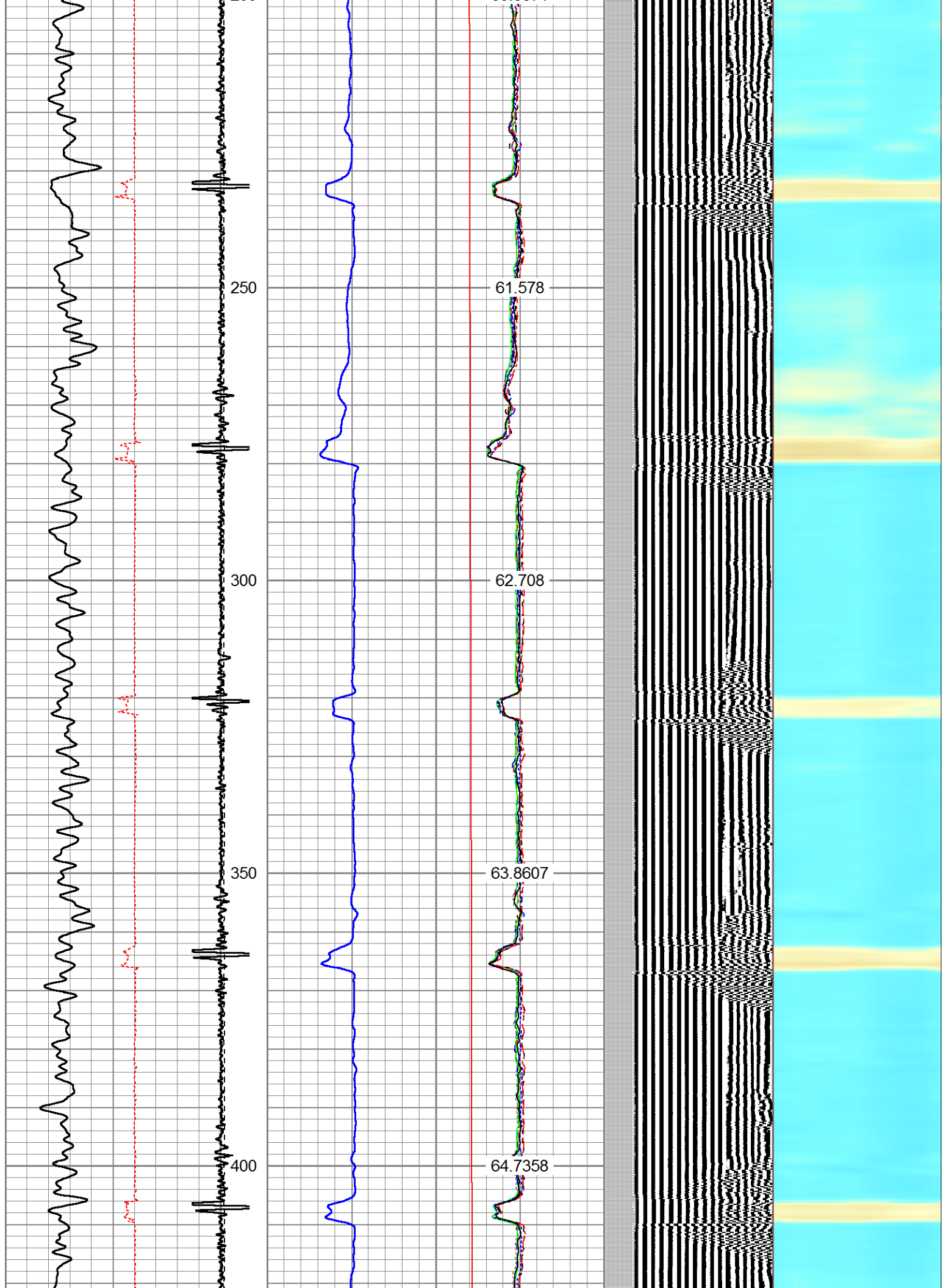
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			1.4375CHD Titan Cable Head 1 7/16	1.00	1.44	10.00

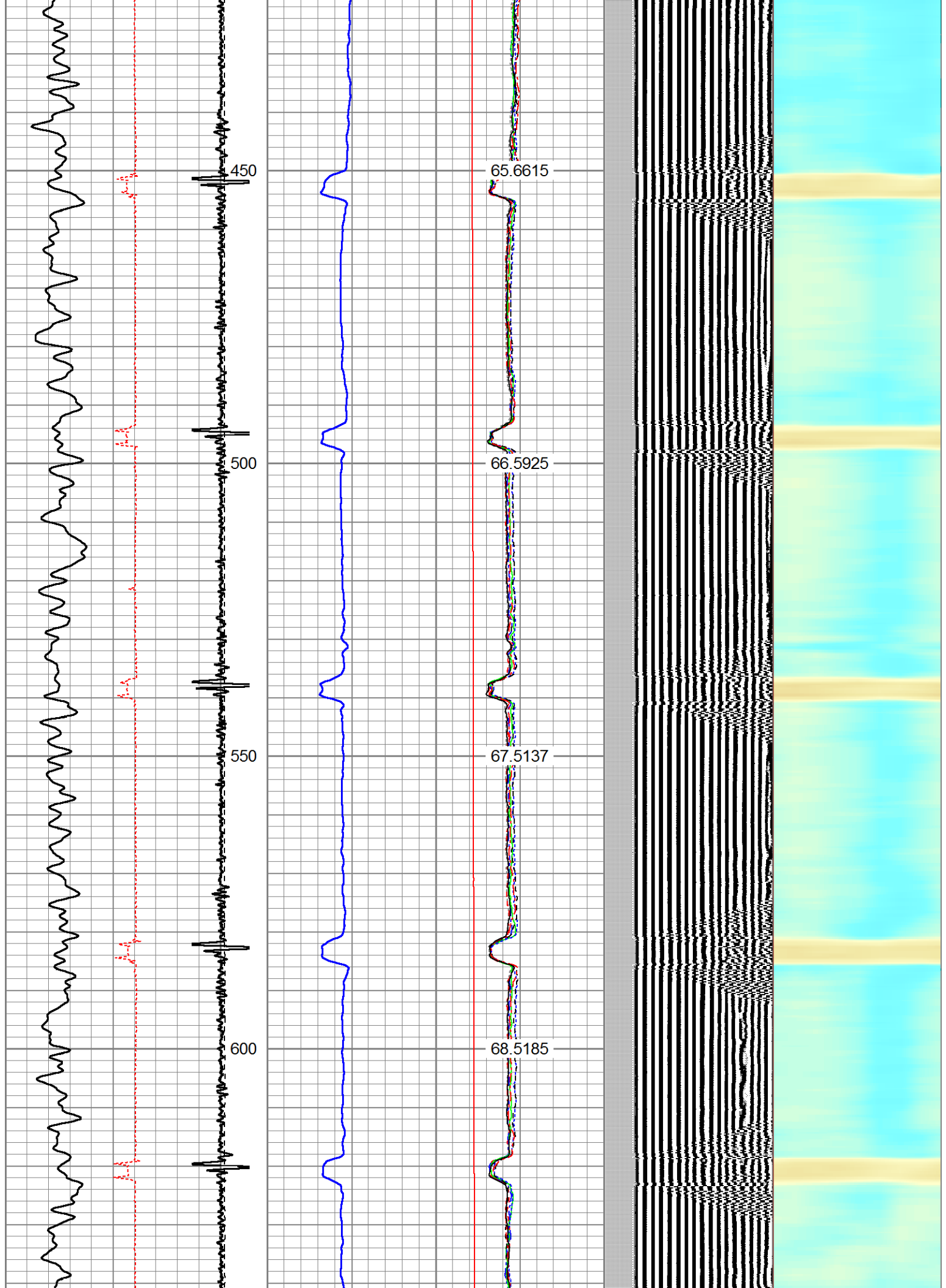
Database File:	70 ranch 10-14-11.db
Dataset Pathname:	pass9
Presentation Format:	rbl55
Dataset Creation:	Thu Aug 15 12:22:44 2019 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240

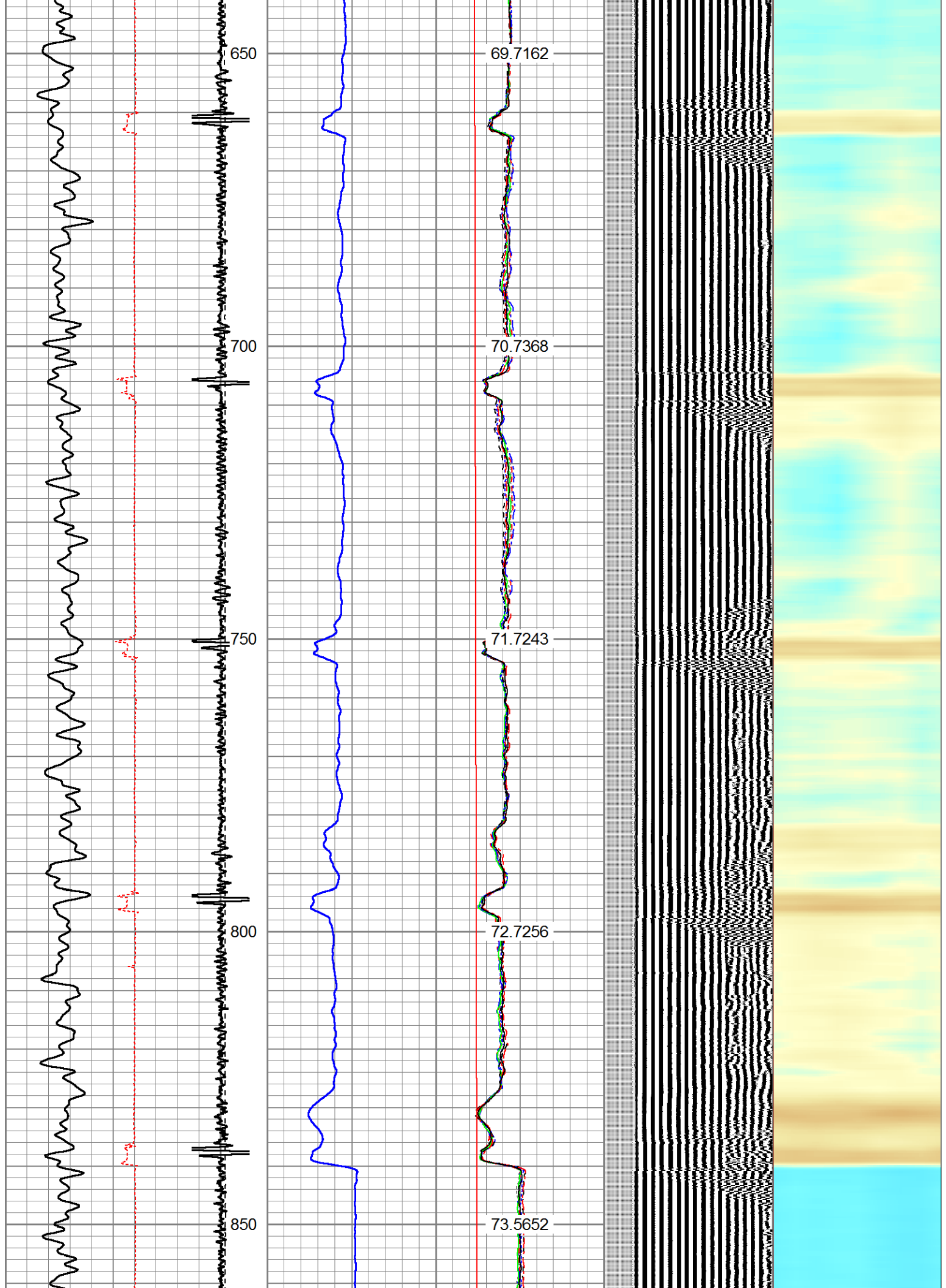
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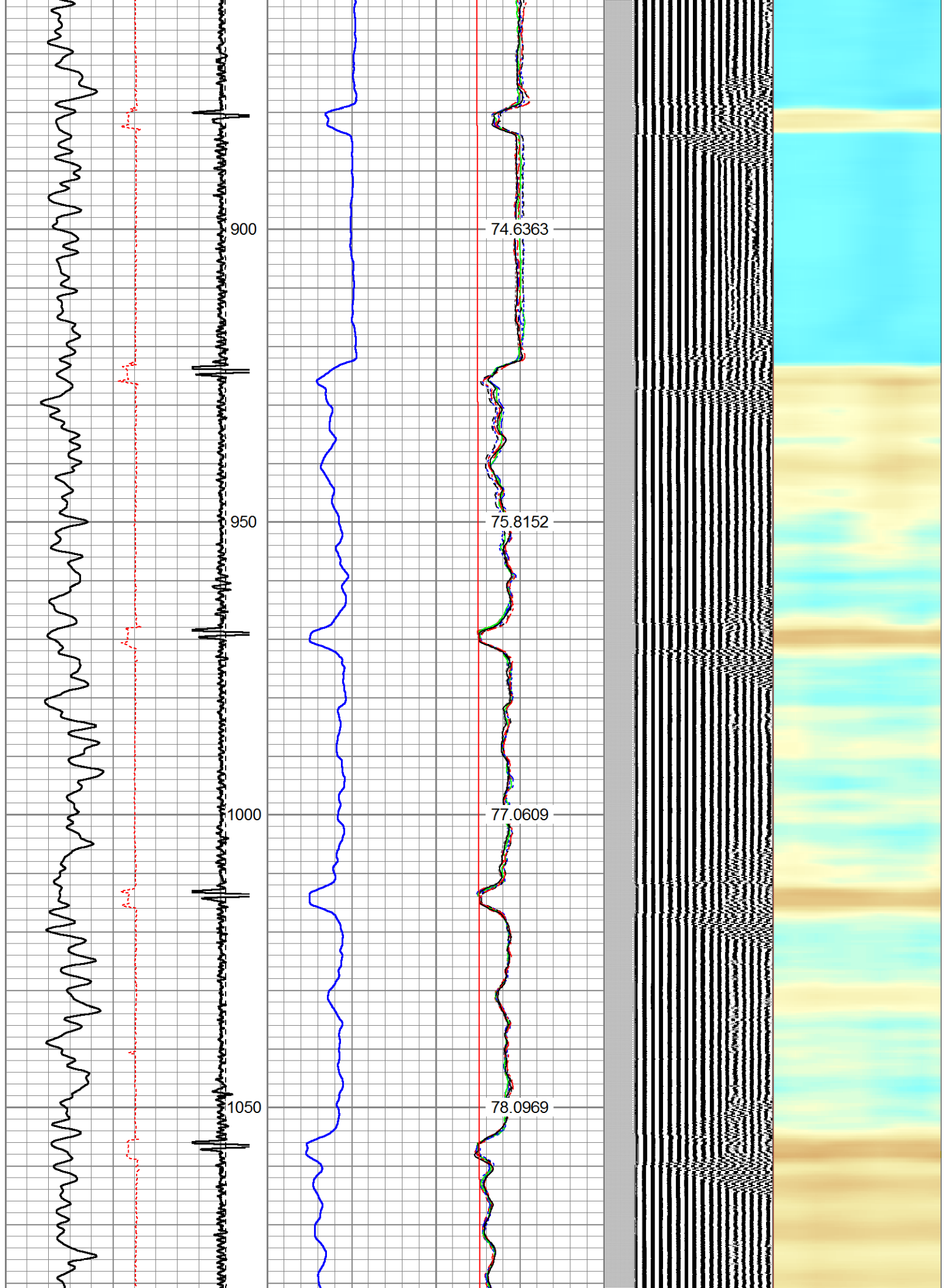
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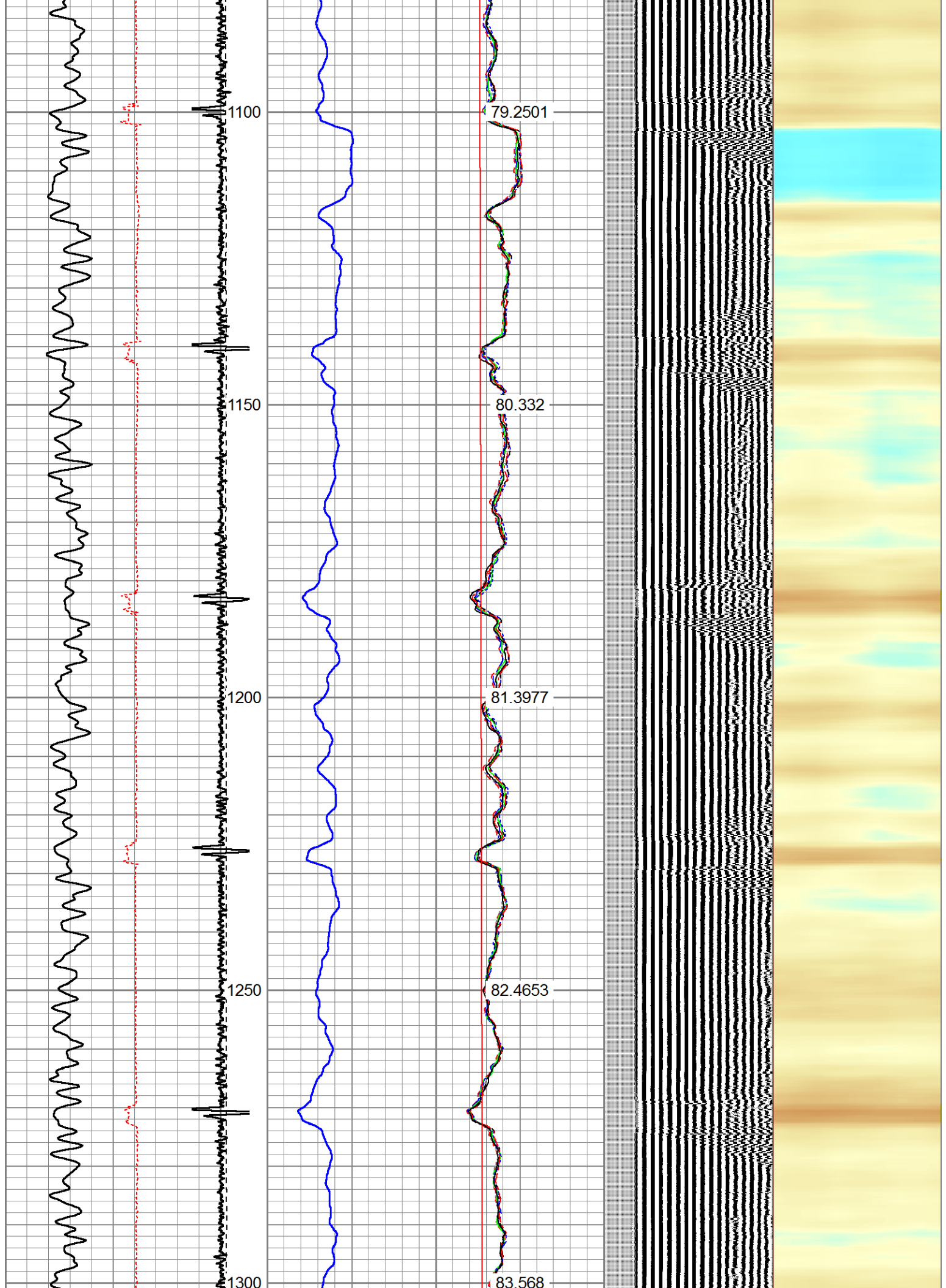


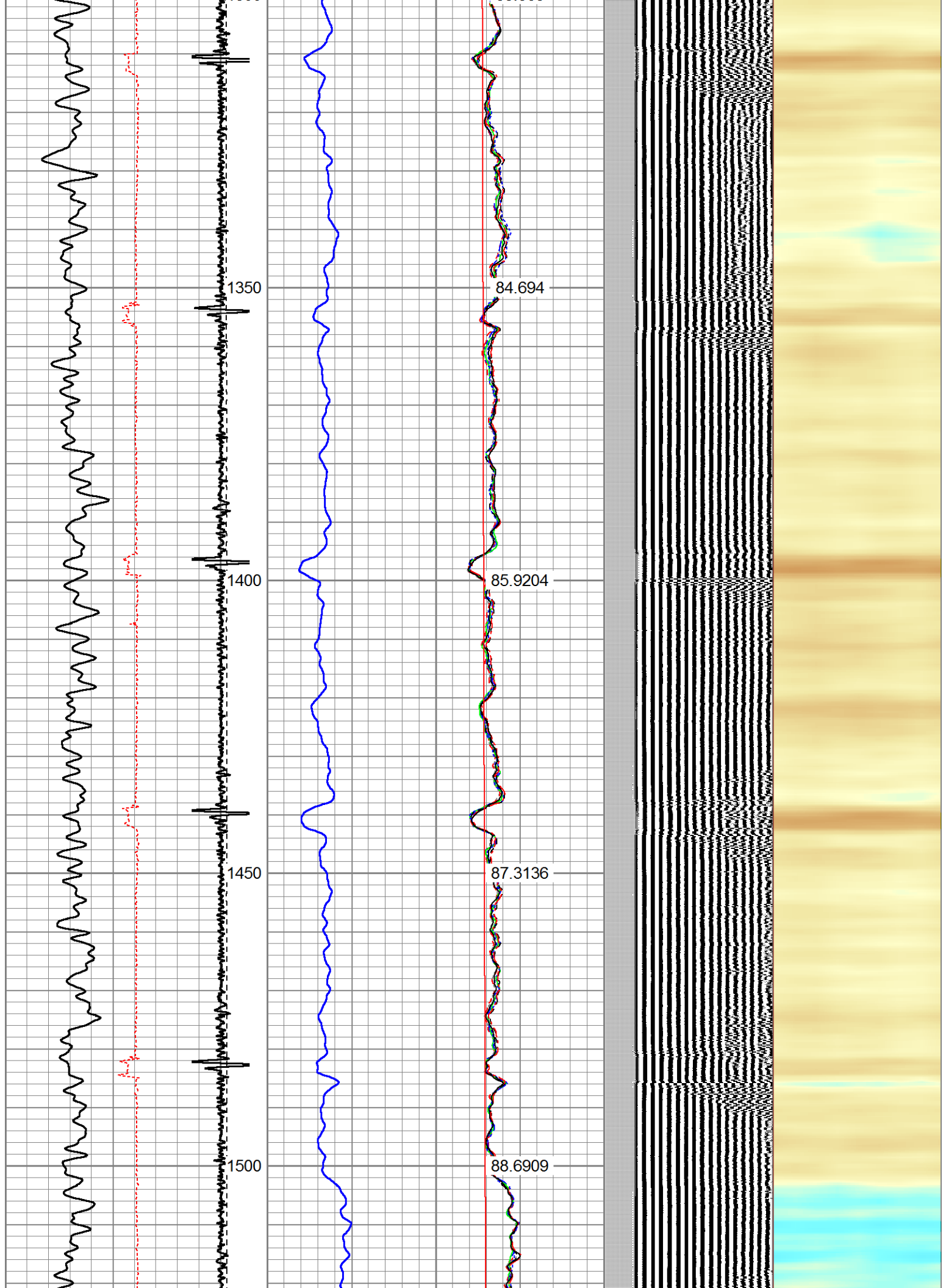


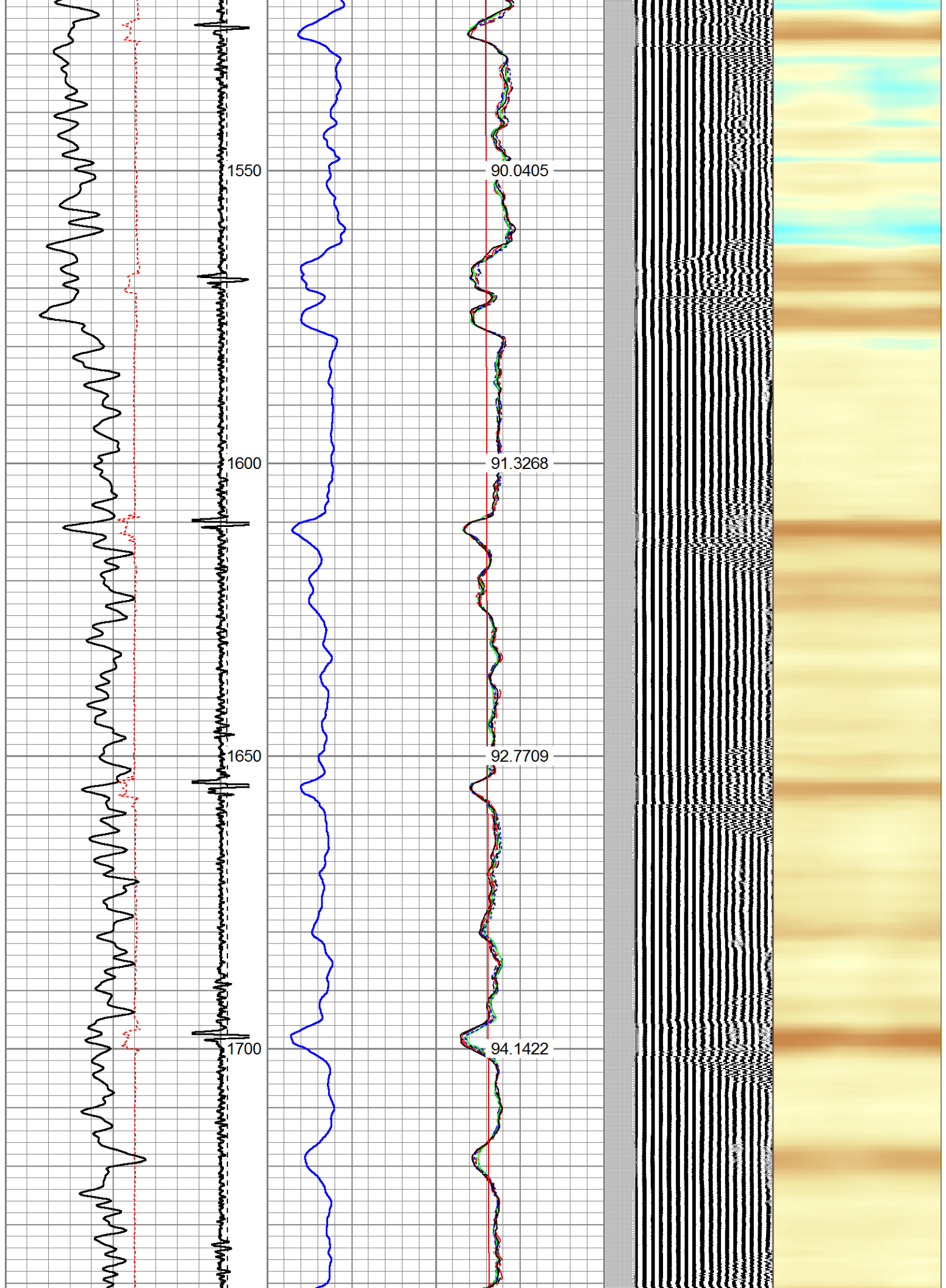


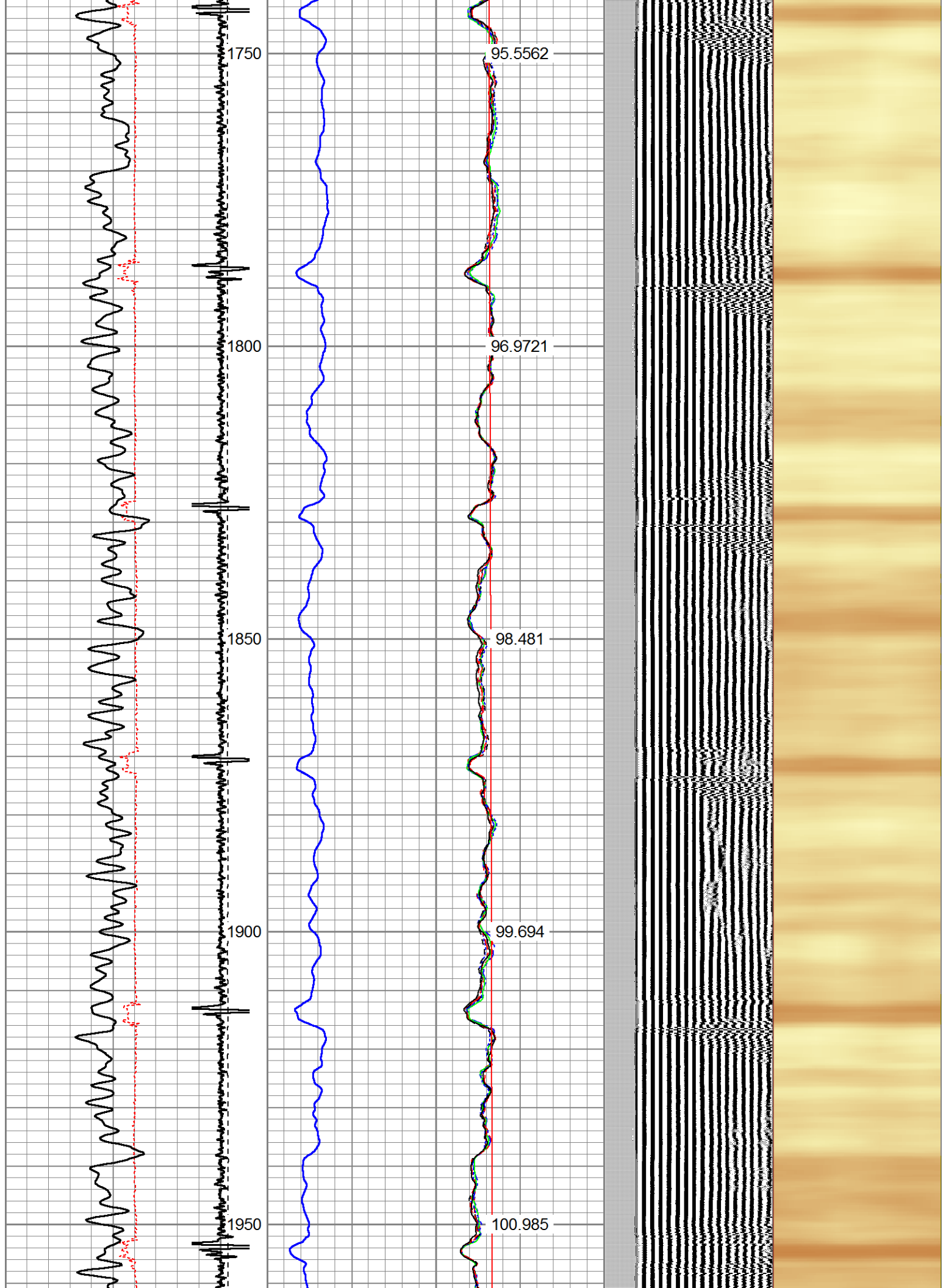


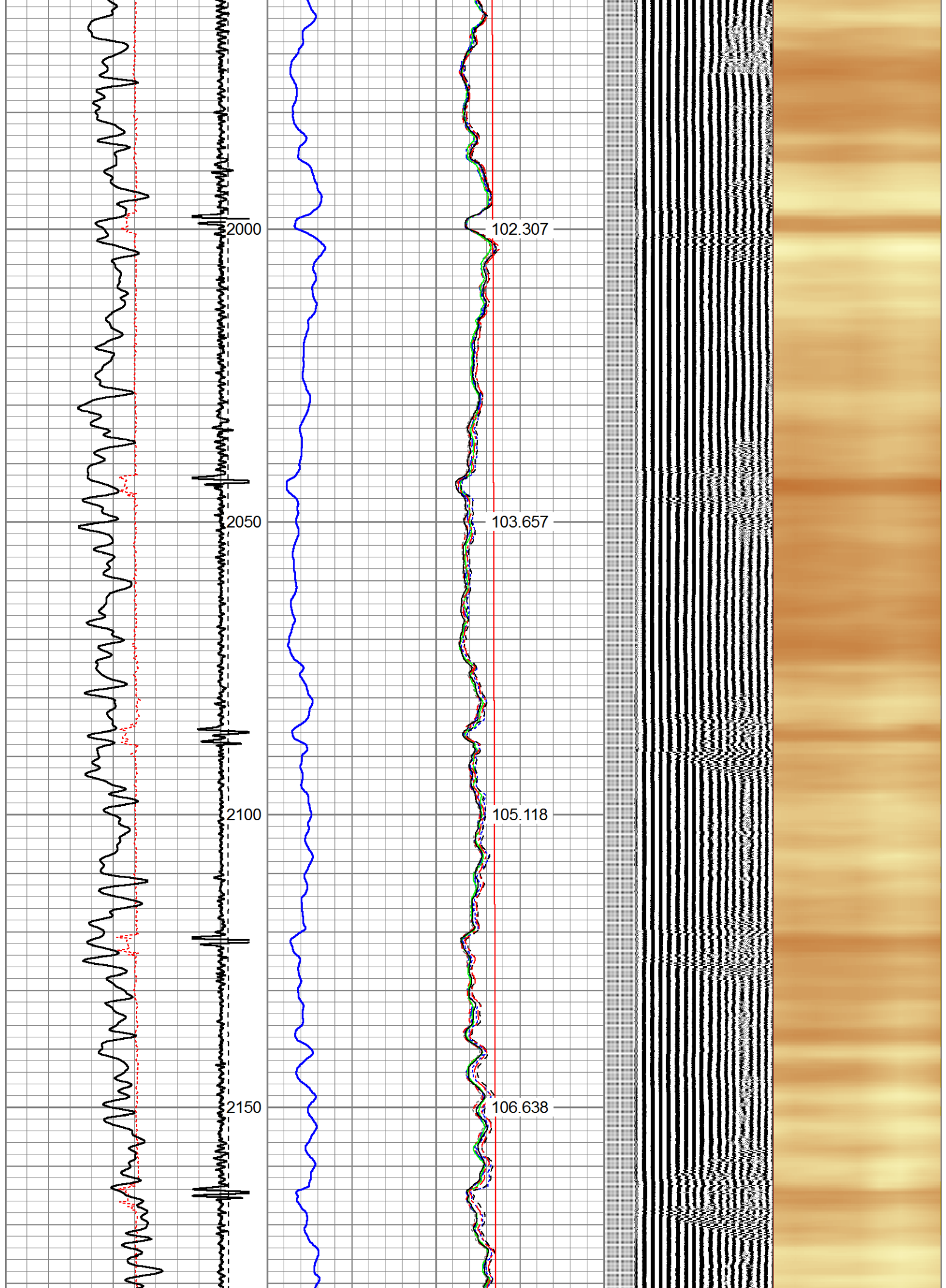


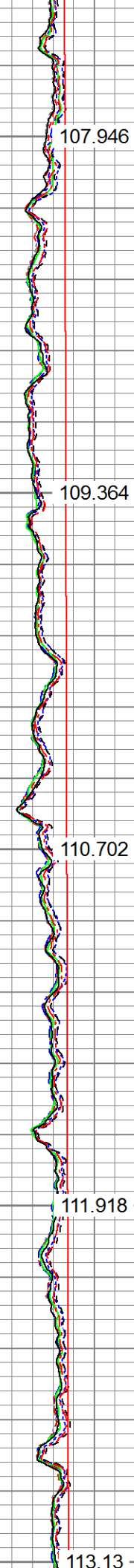
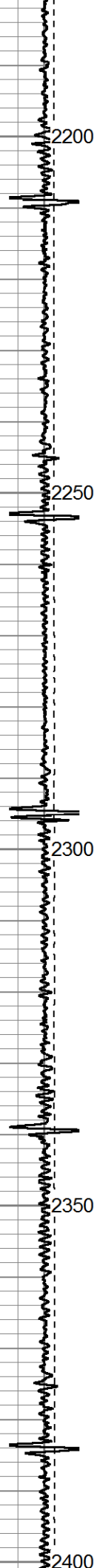
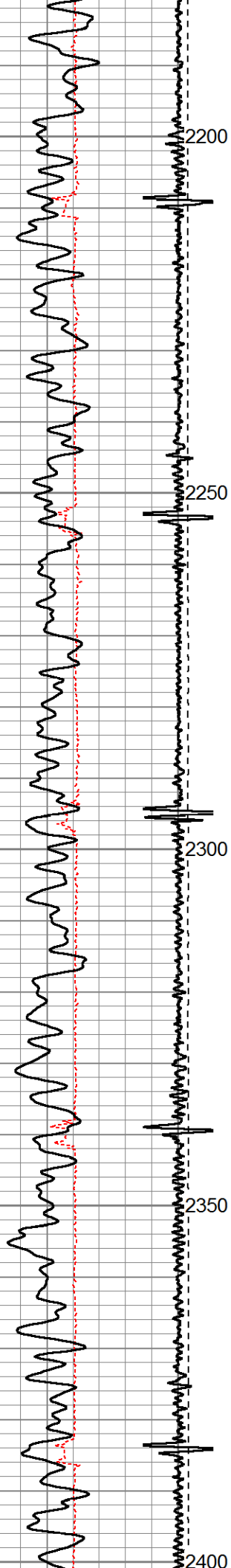












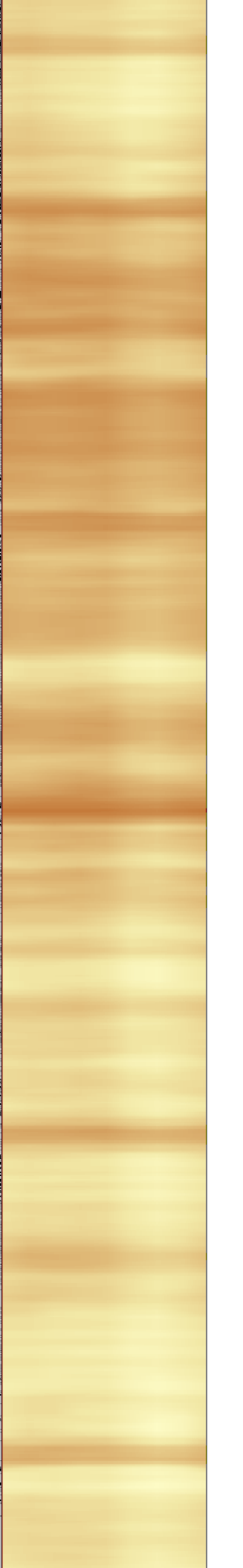
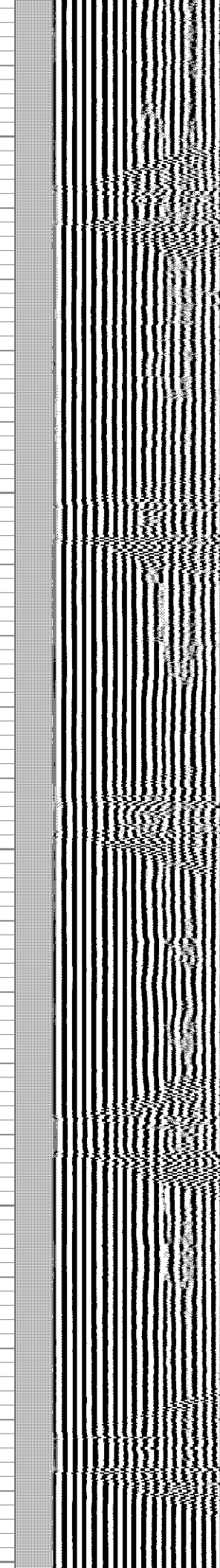
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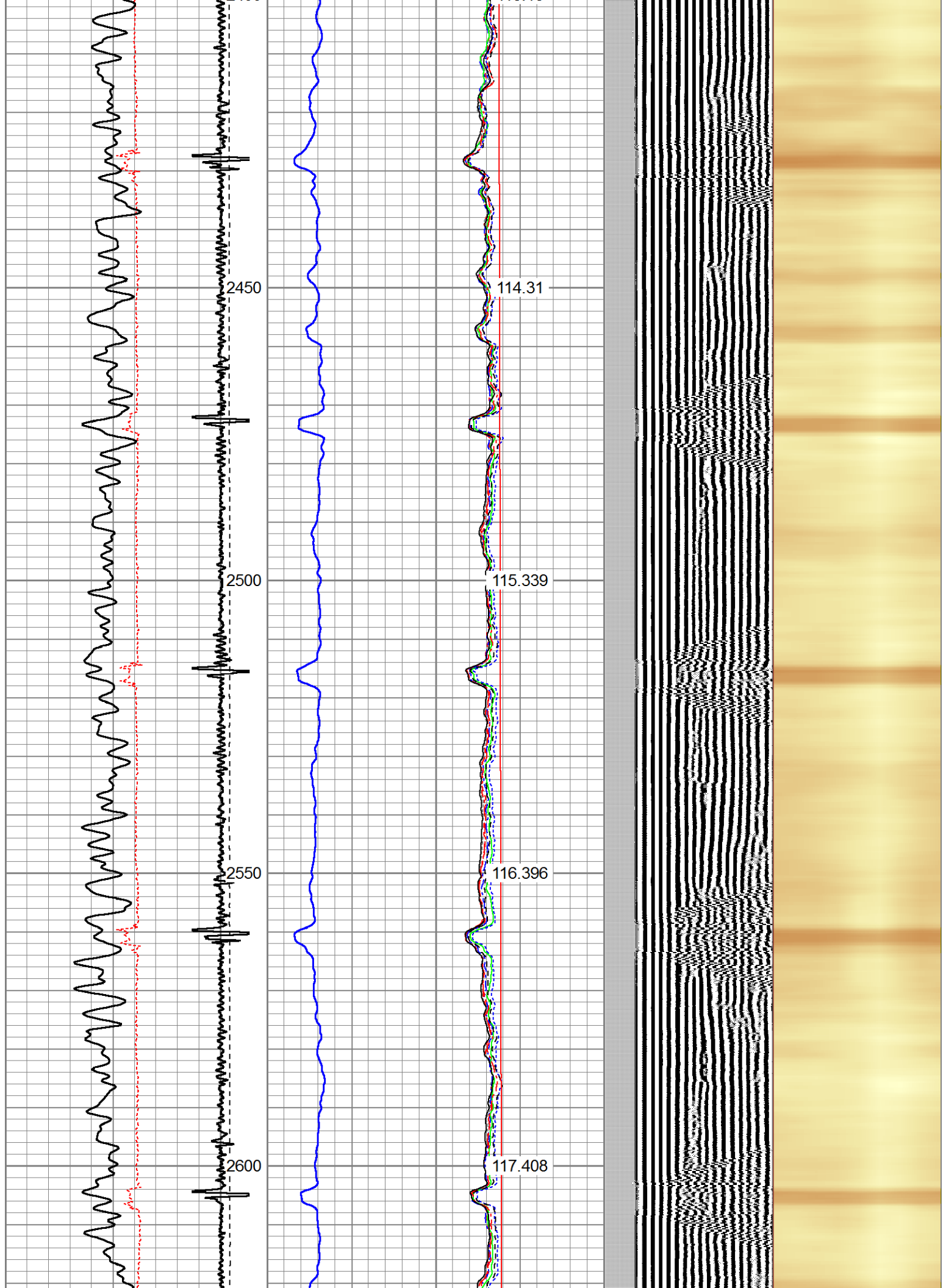
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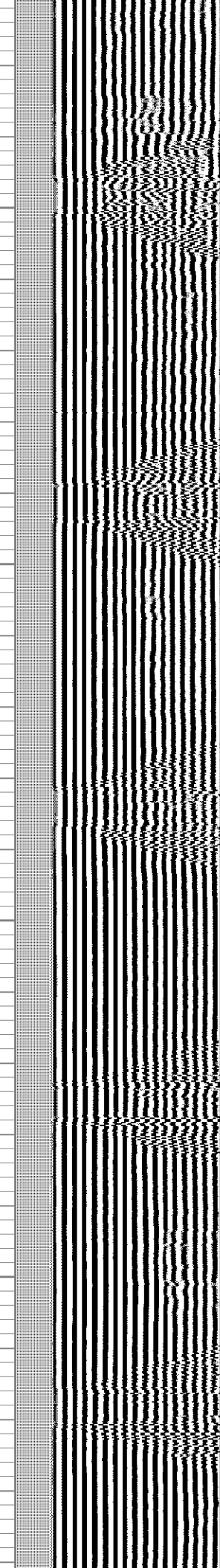
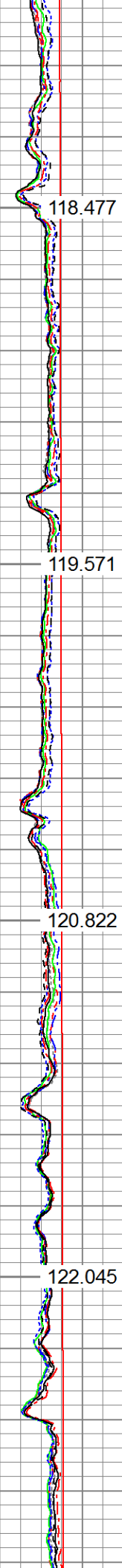
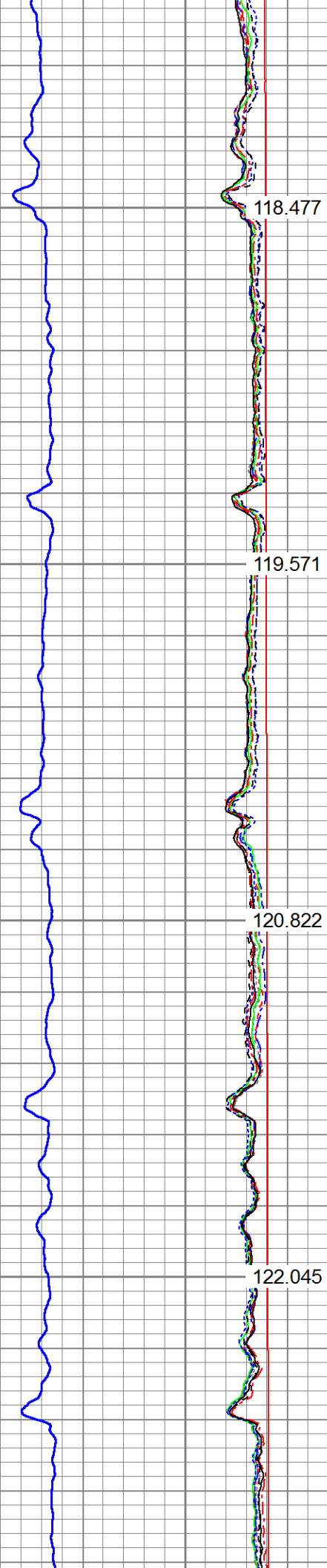
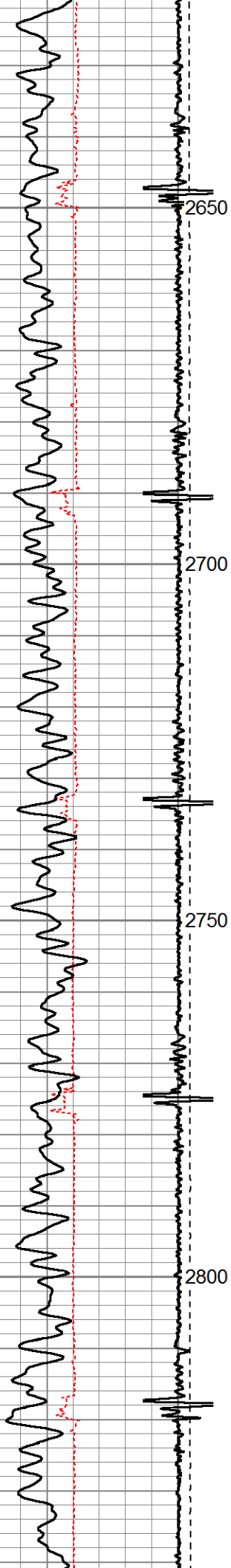
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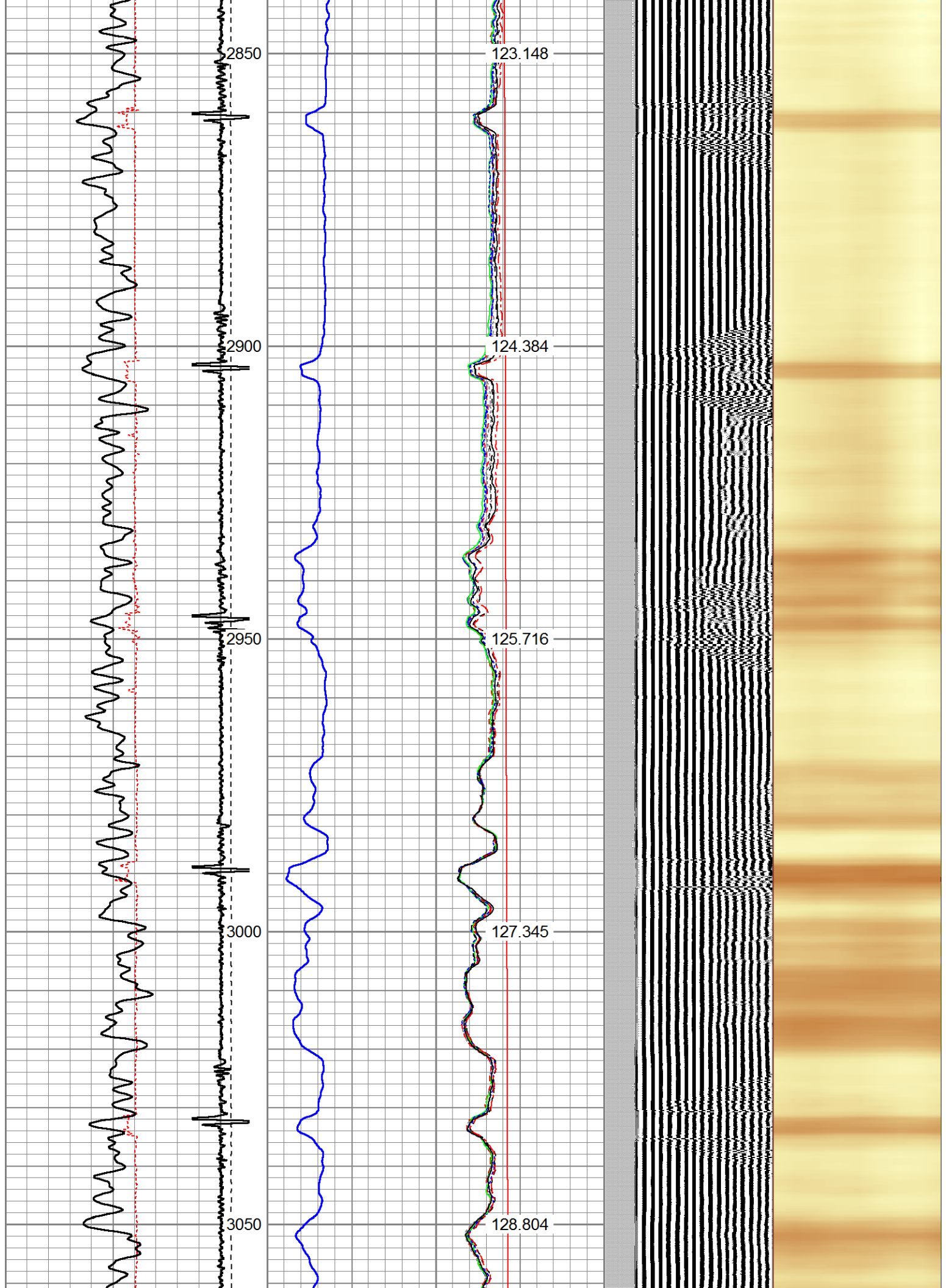
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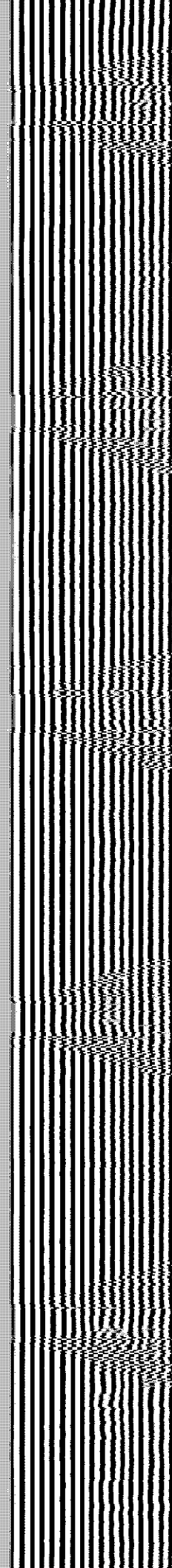
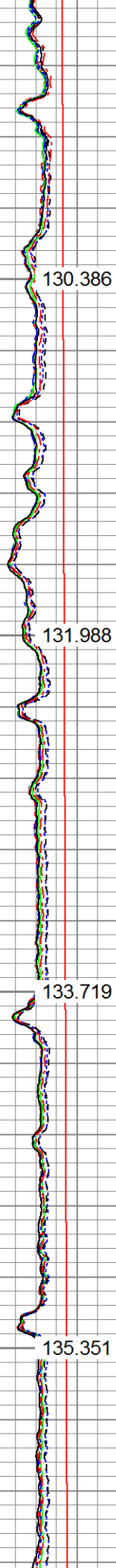
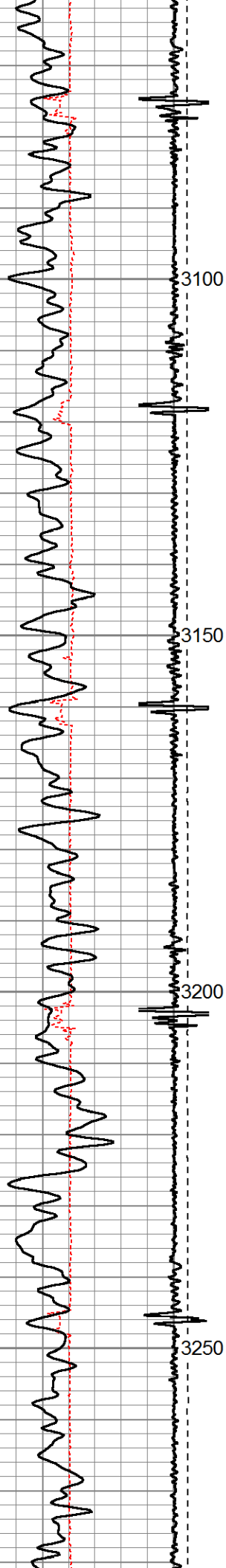
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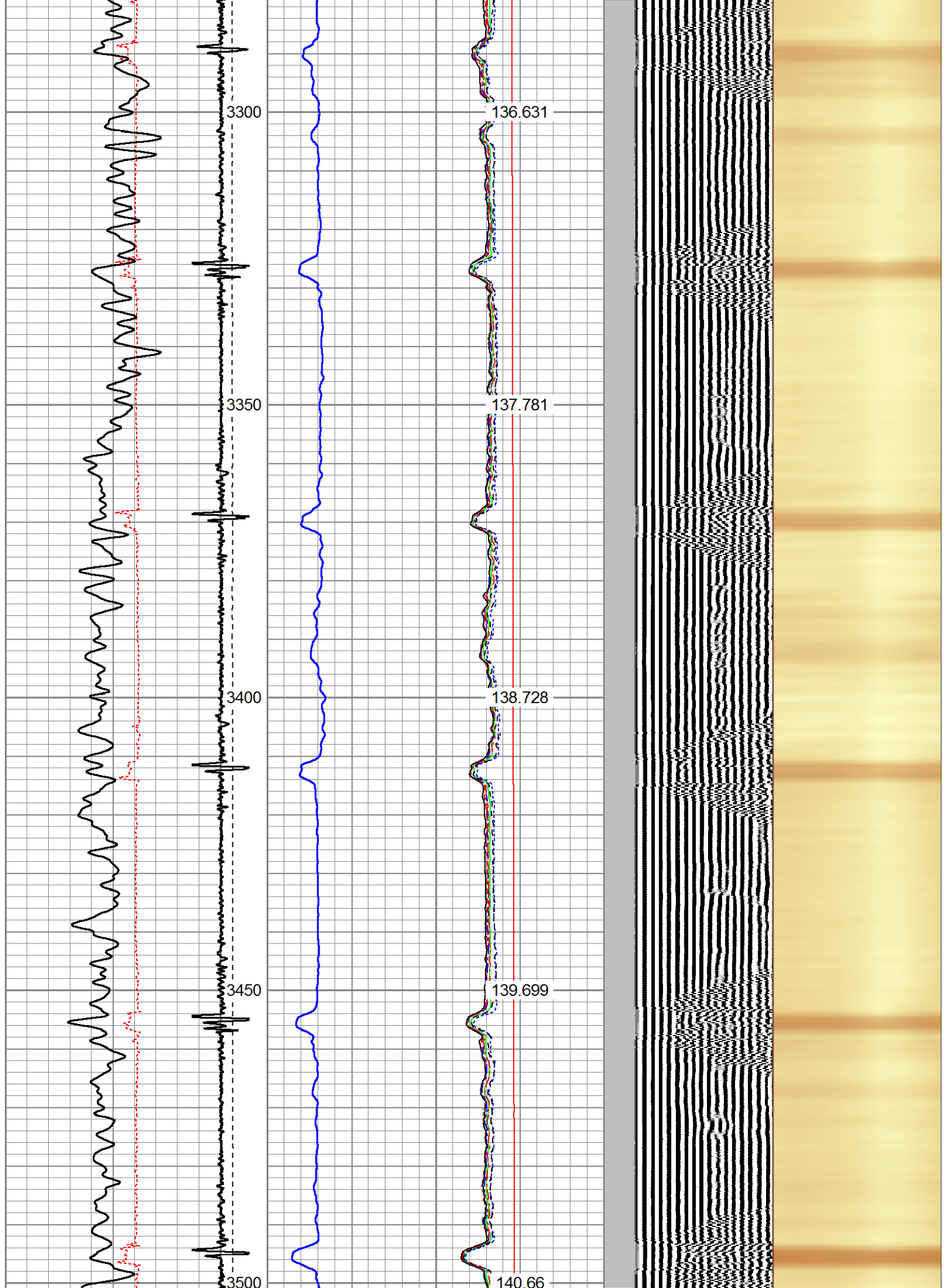


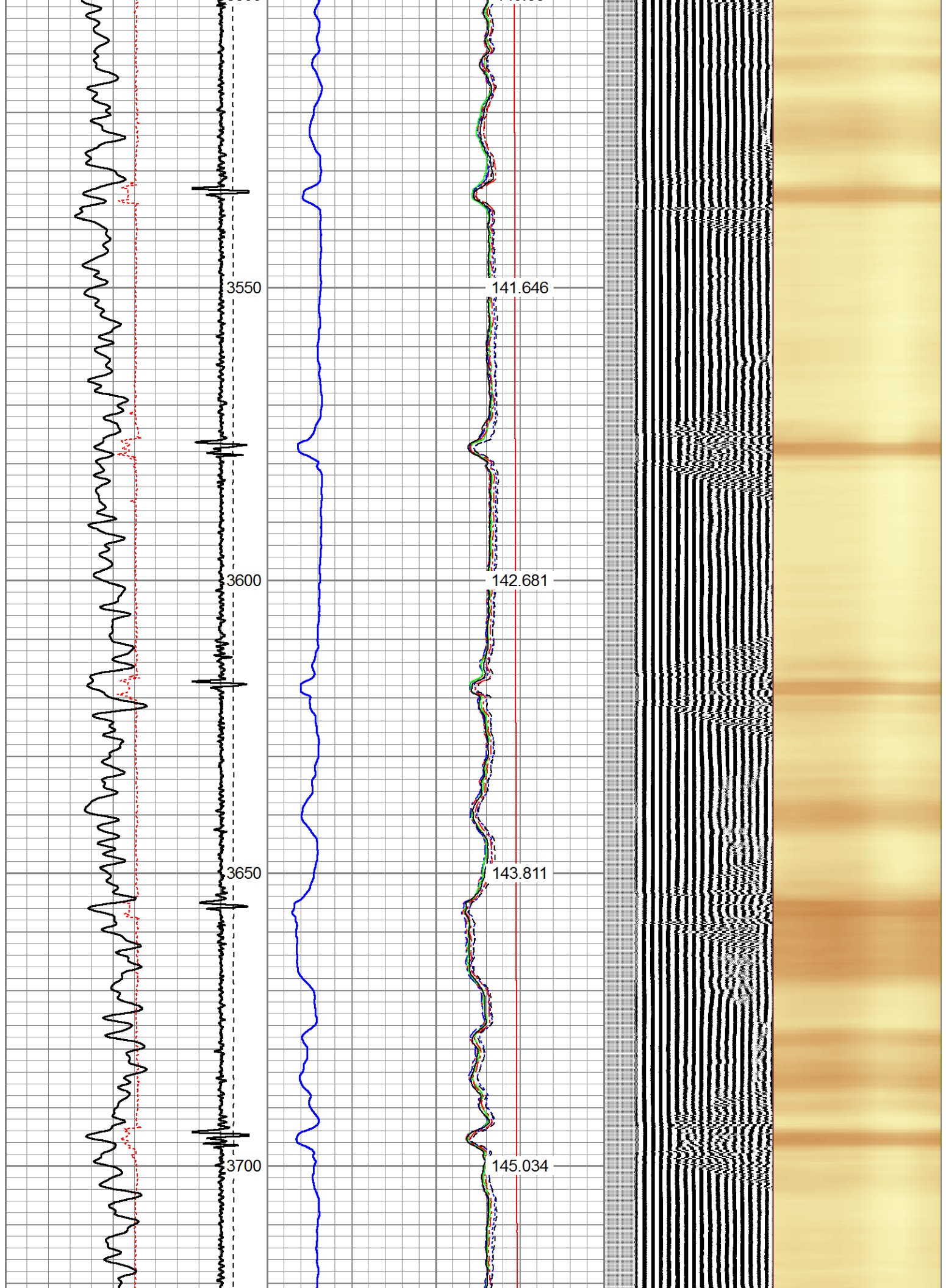


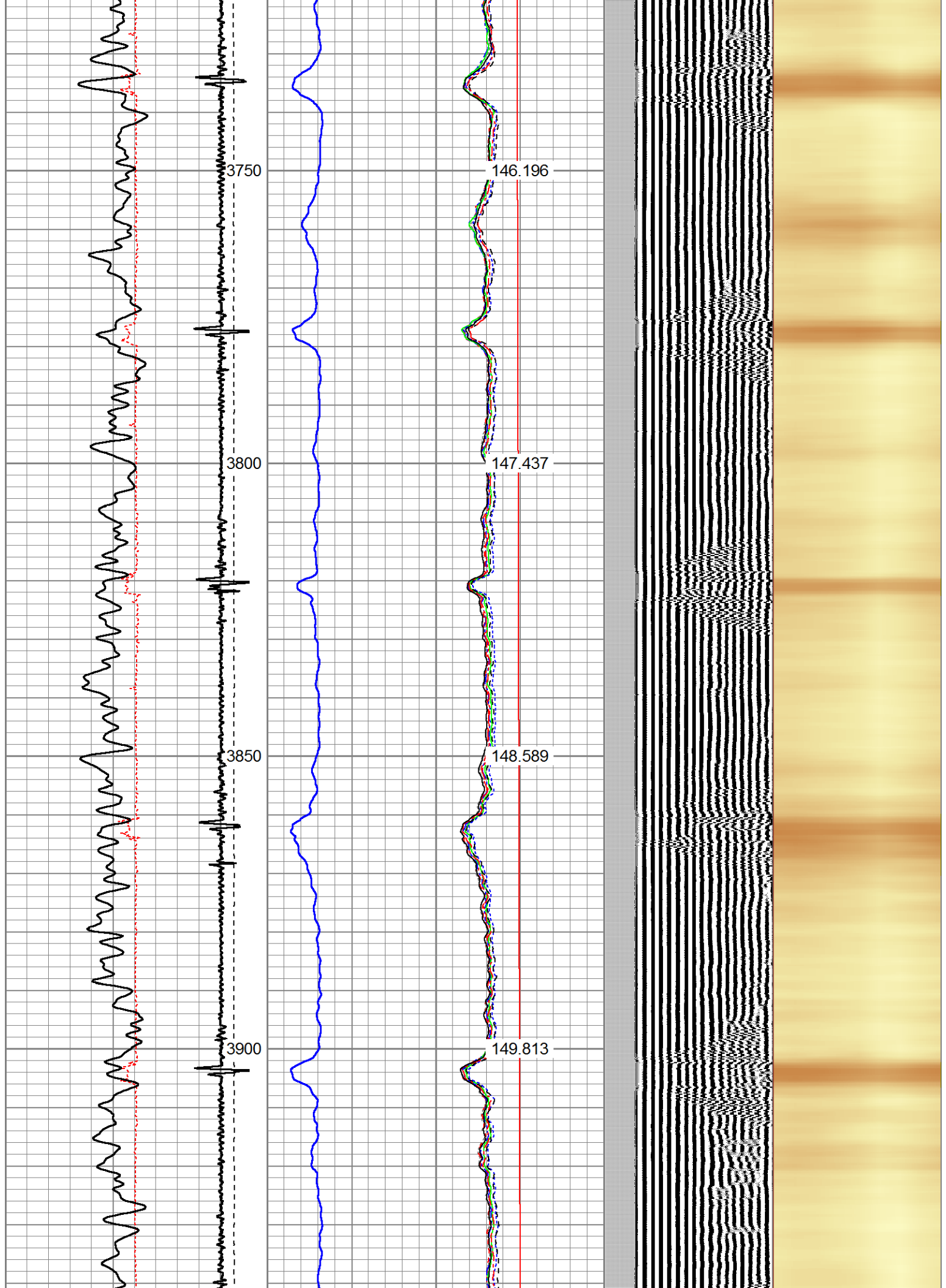


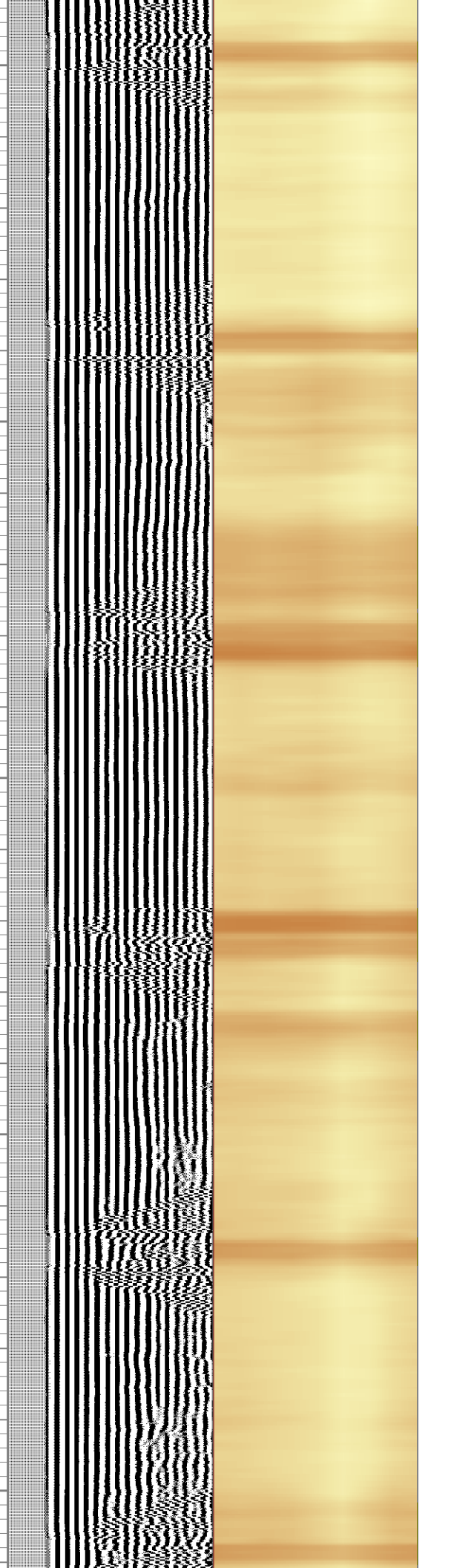
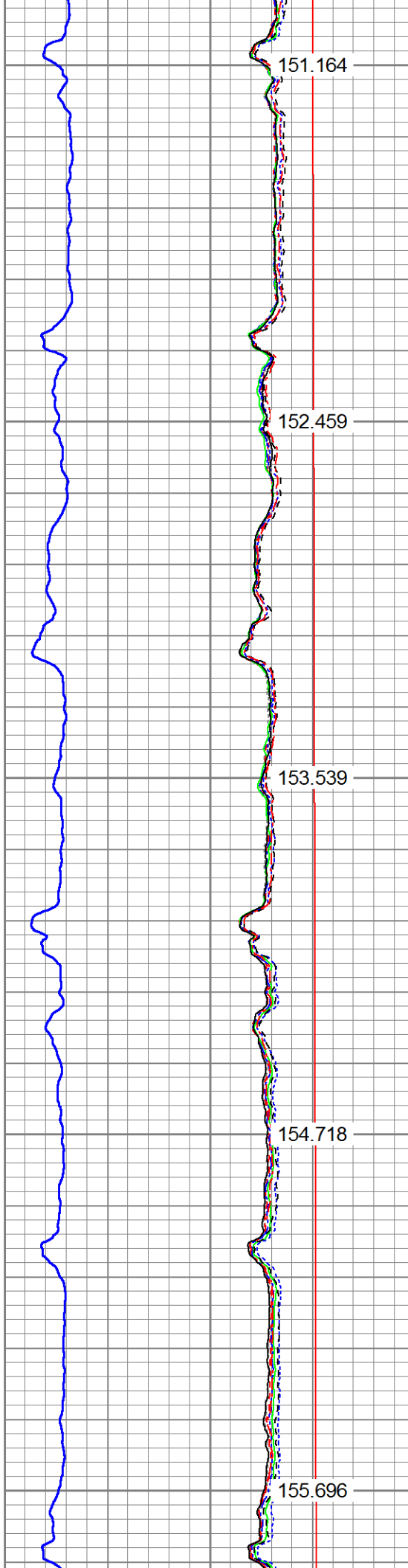
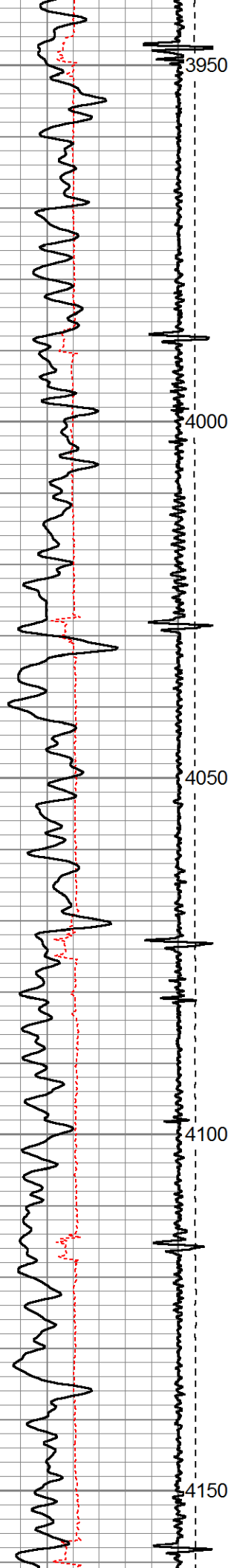


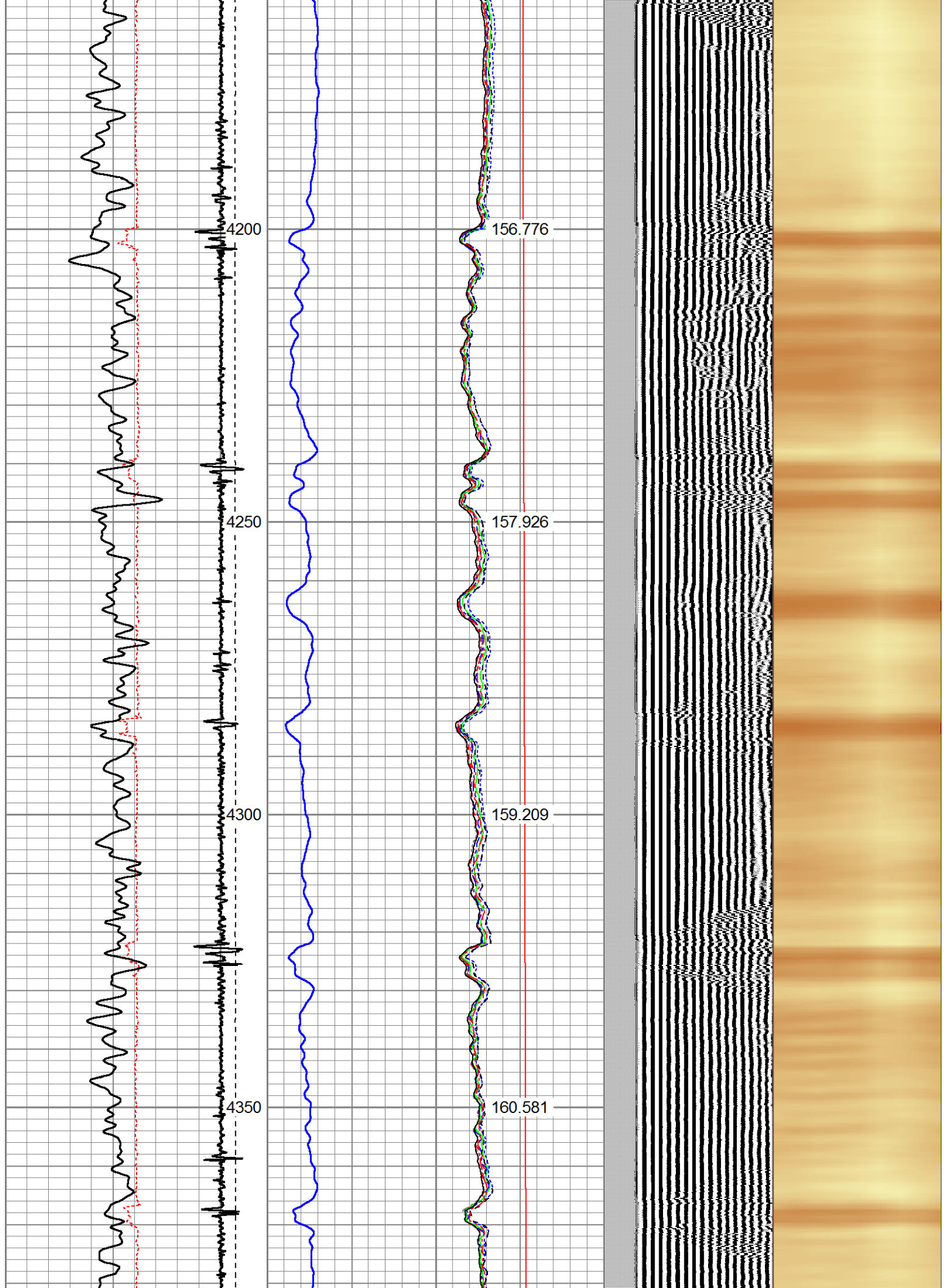


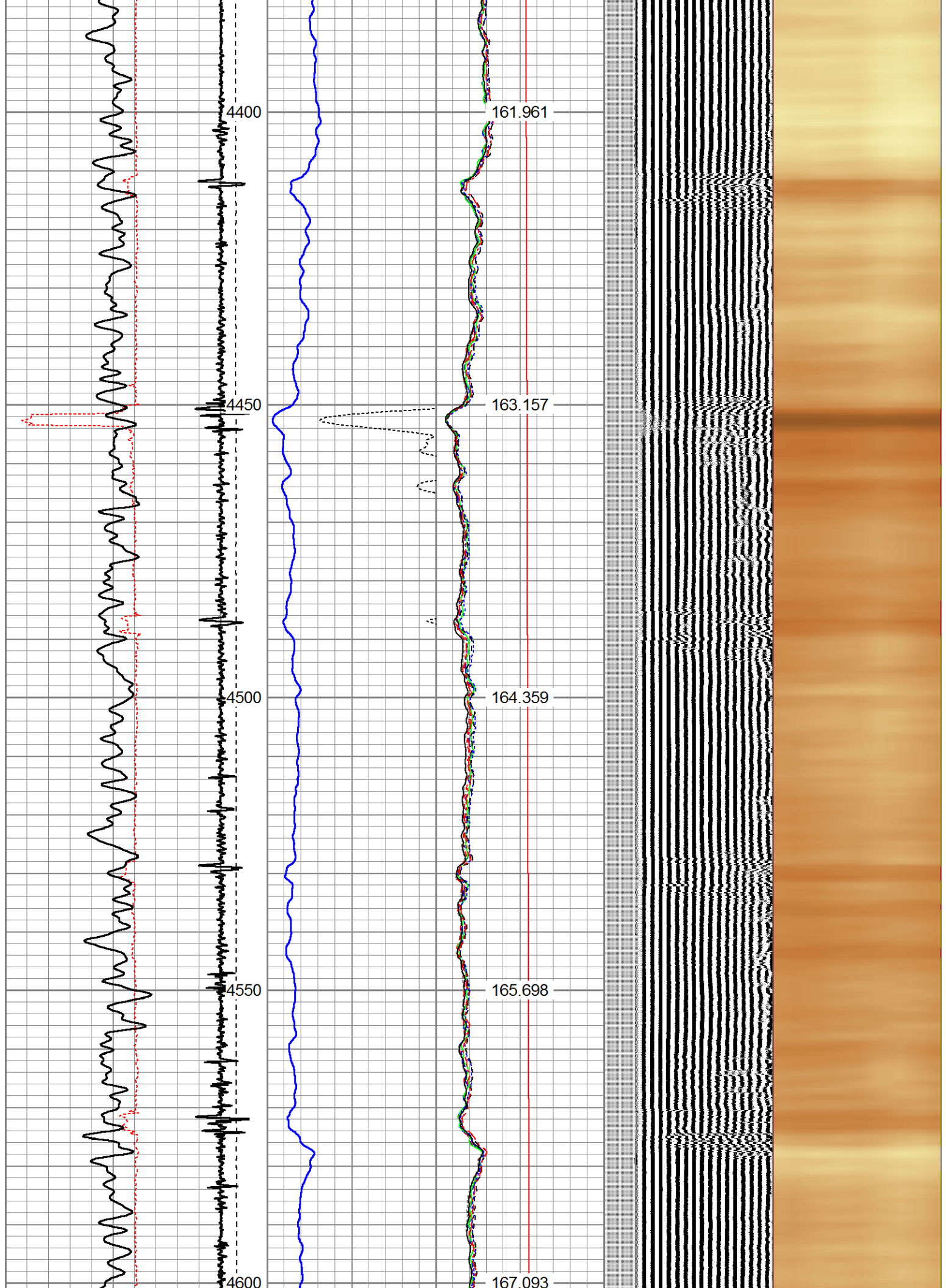


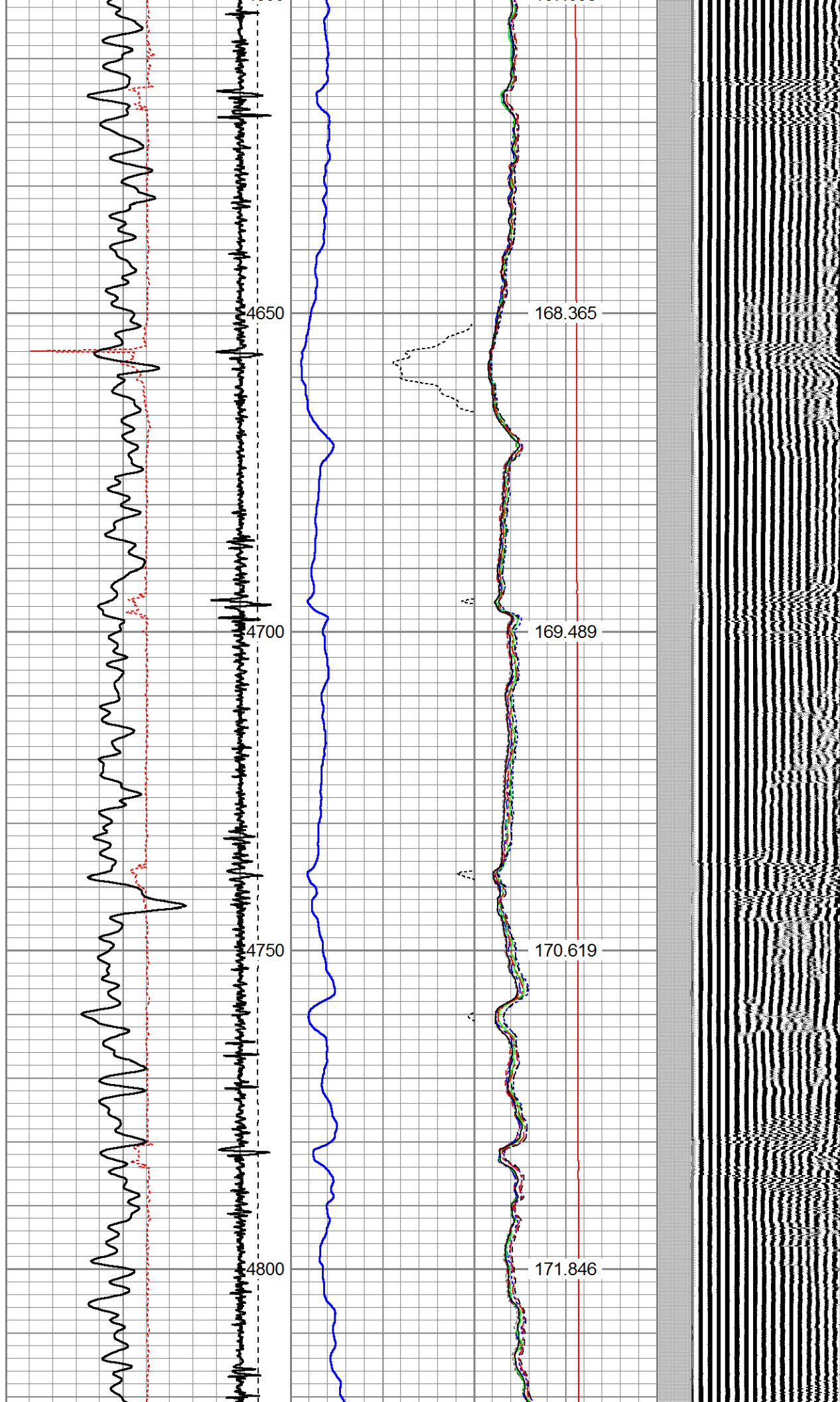


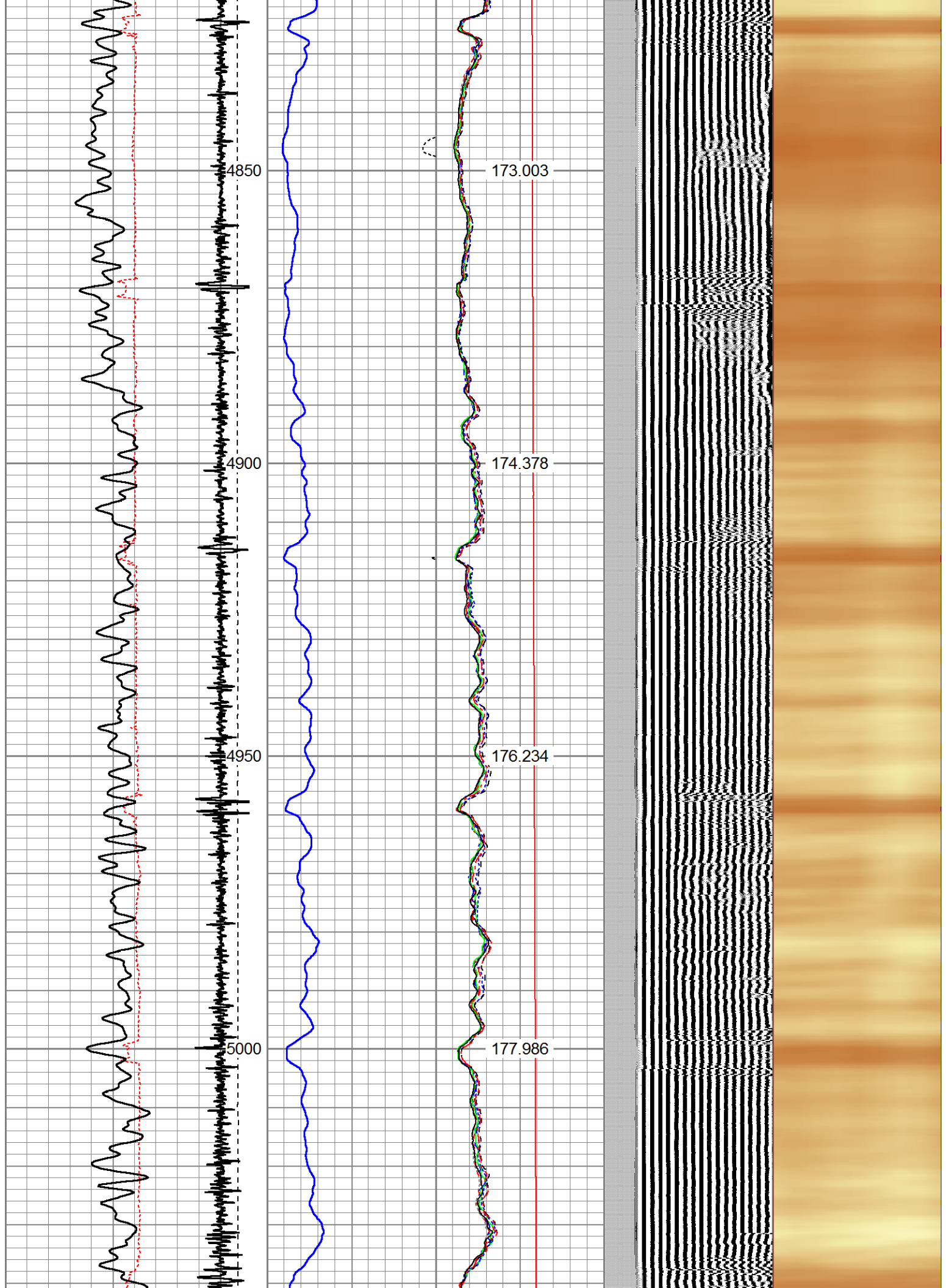


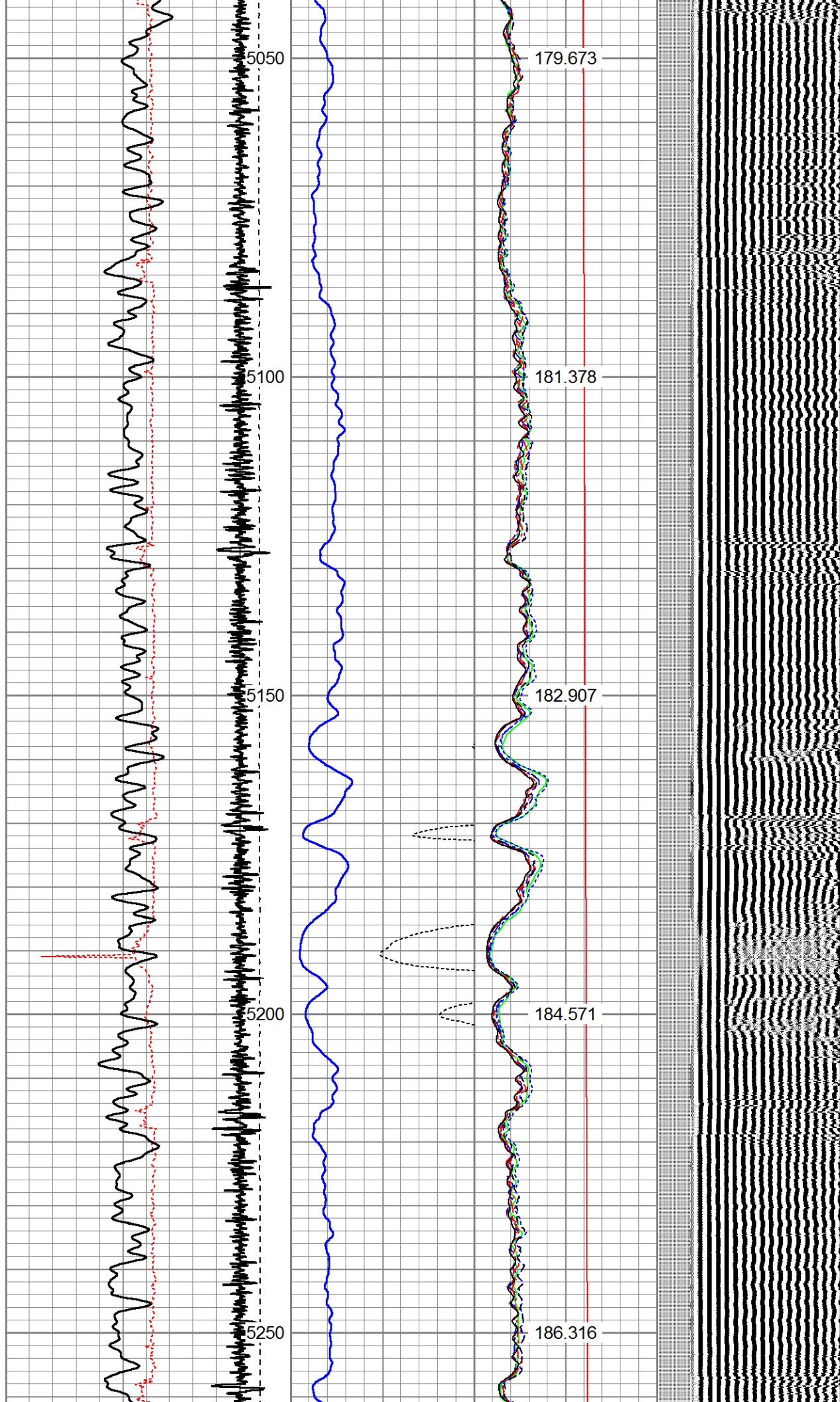


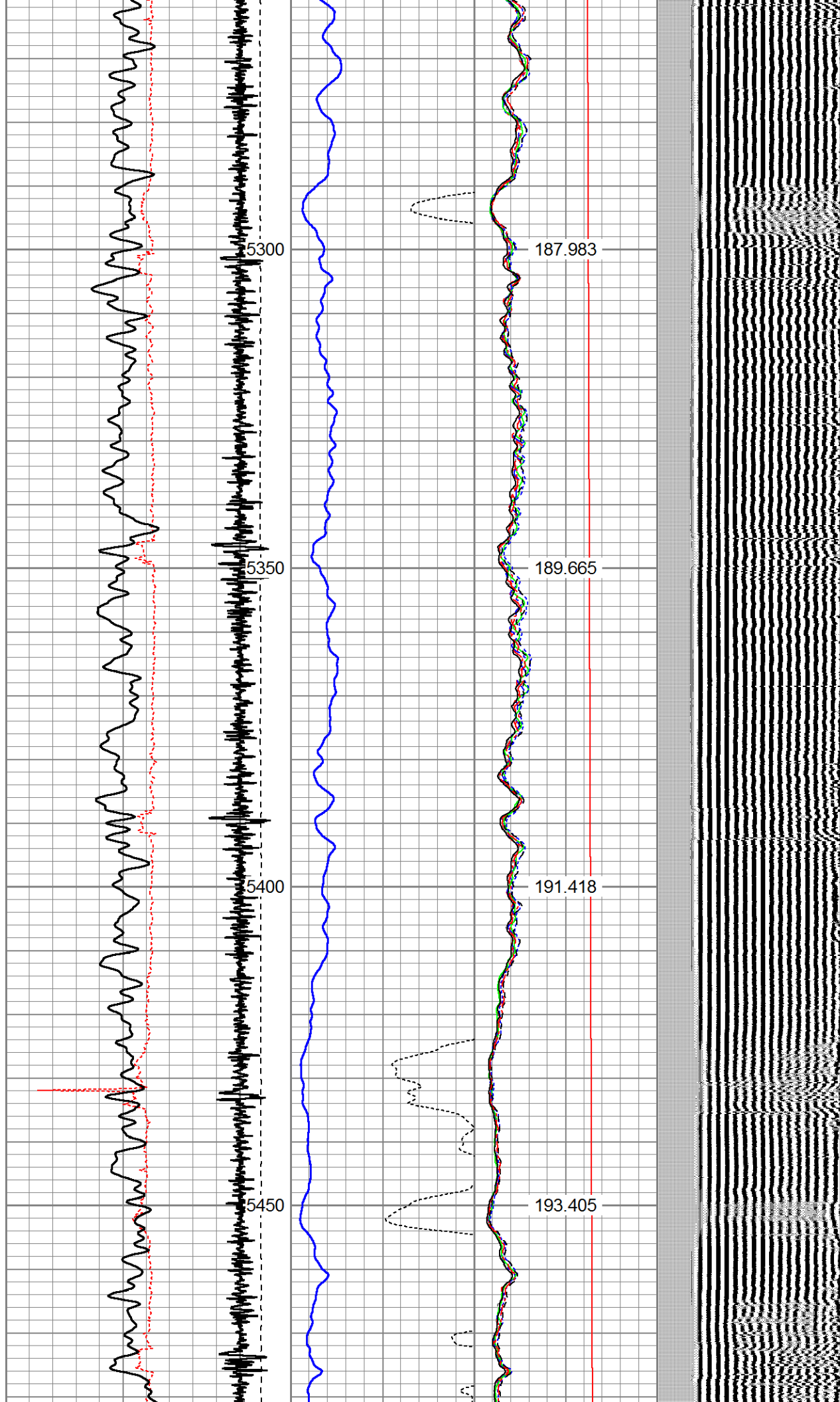


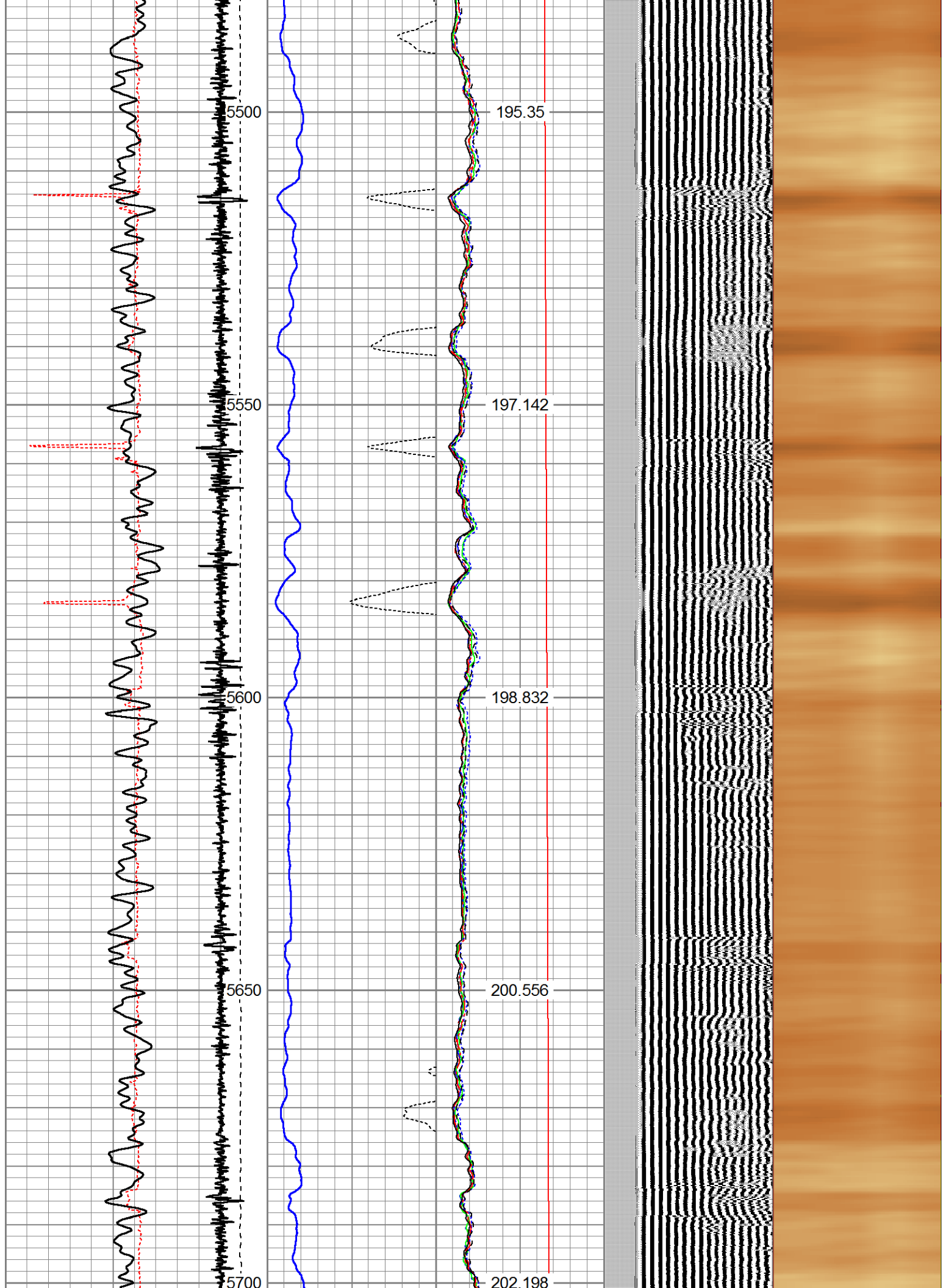


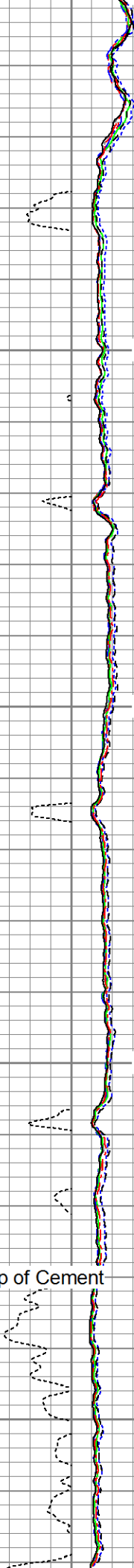
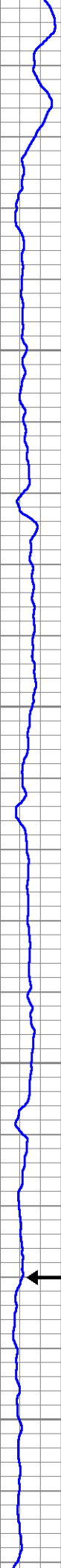
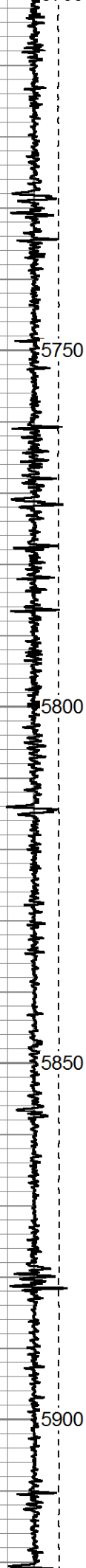












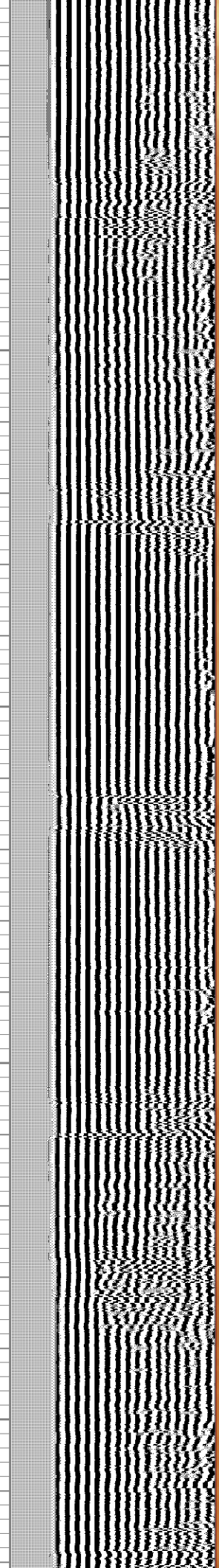
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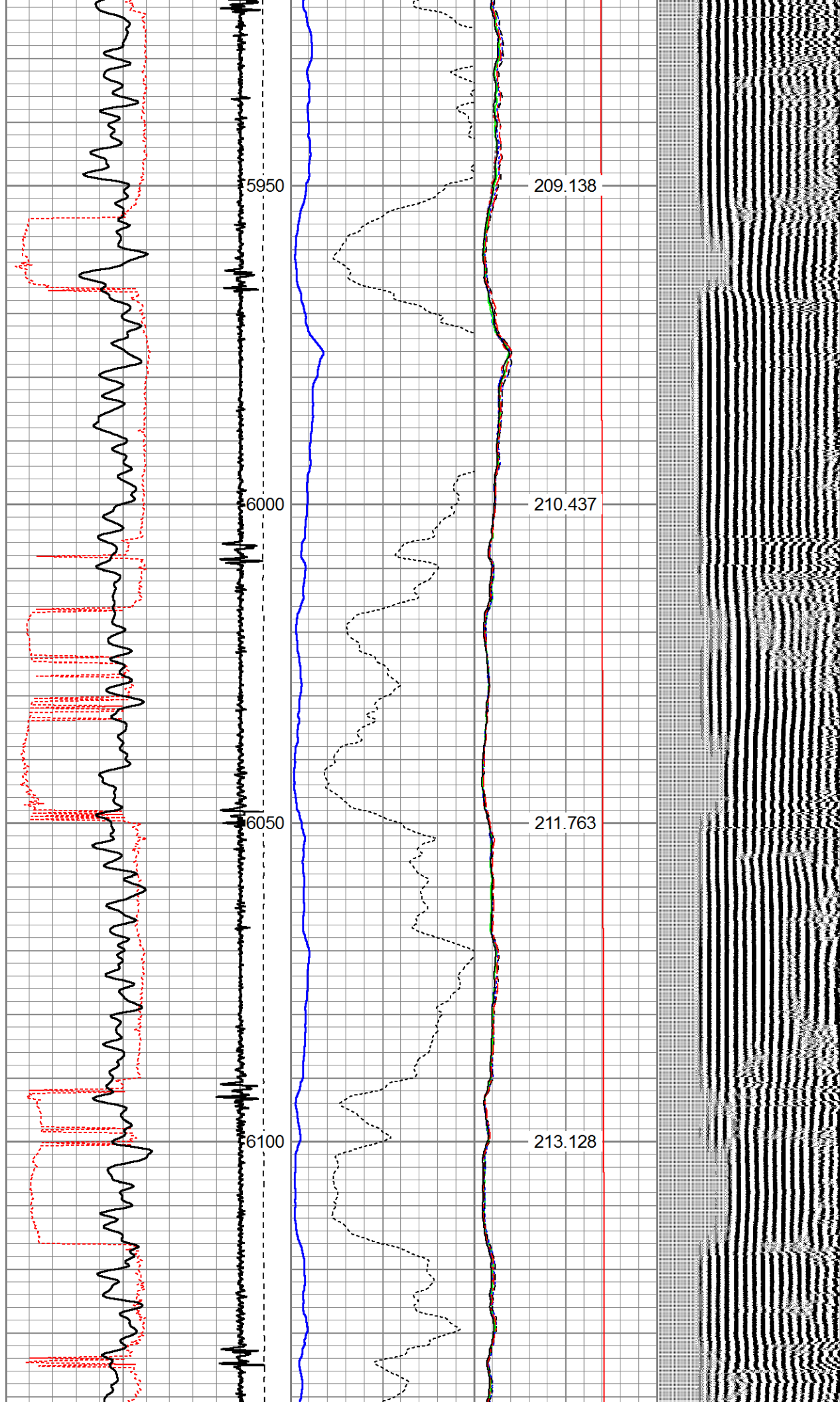
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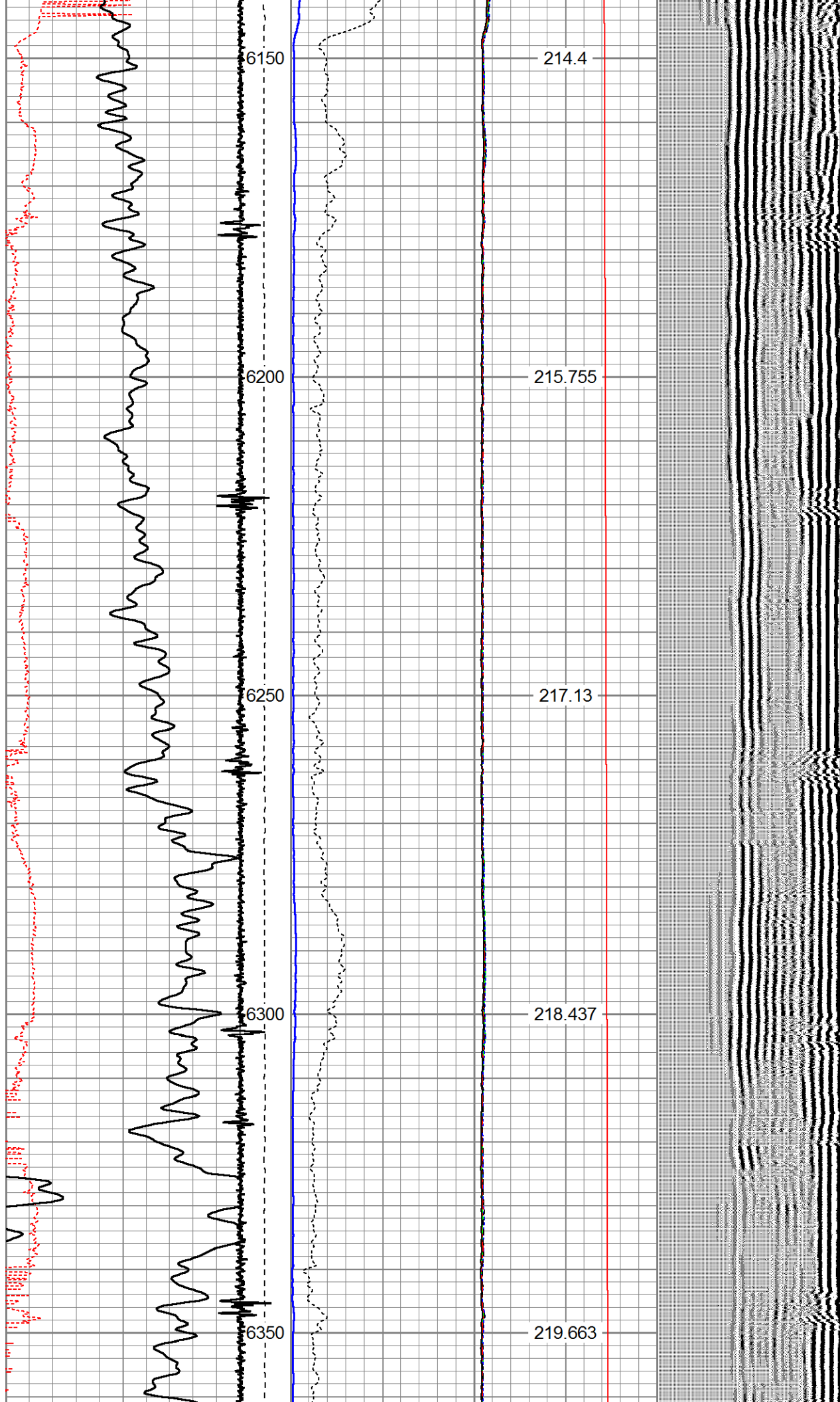
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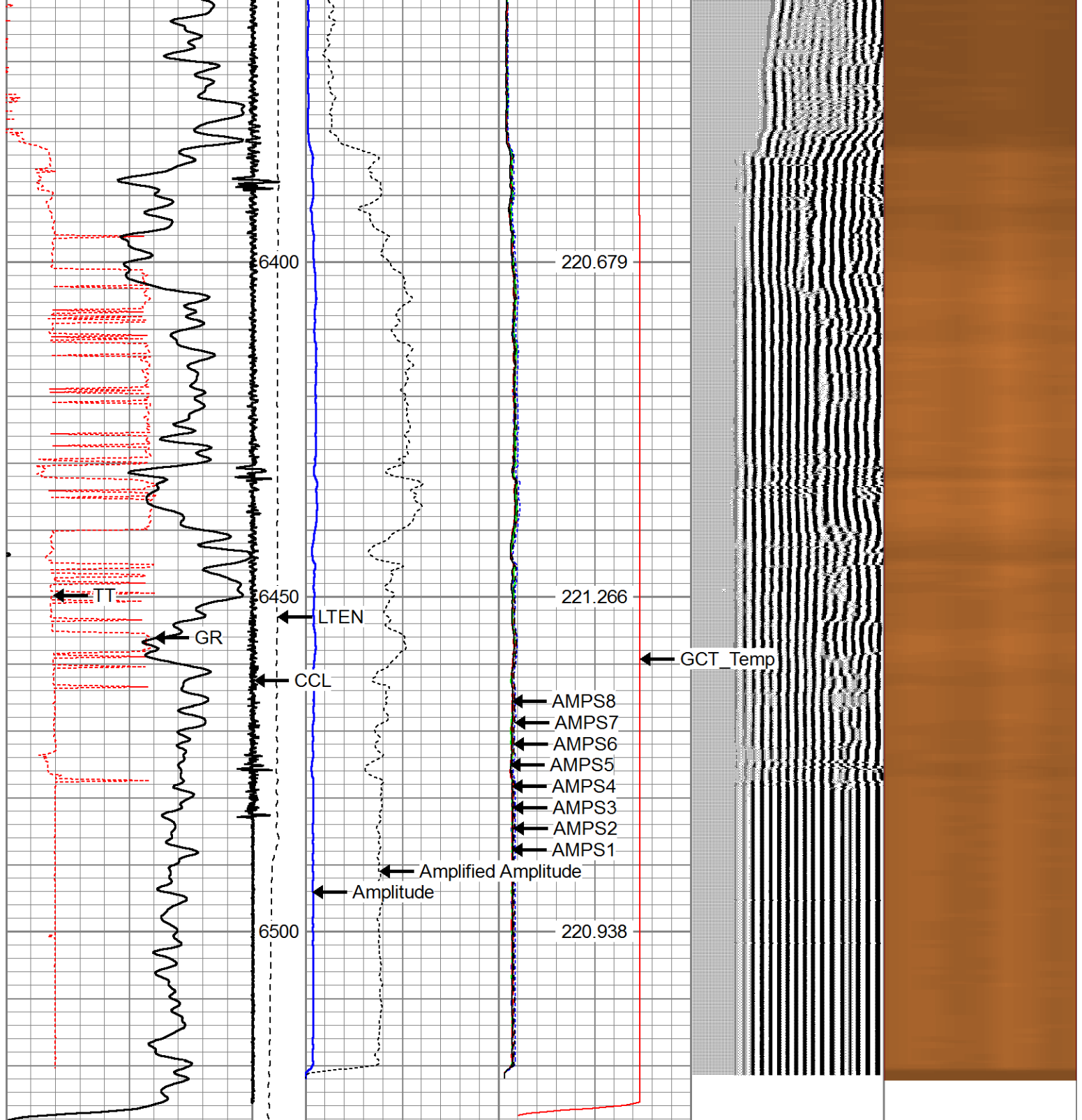
207.72

← Est. Top of Cement









325	TT (uSec)	225	LTEN	0	Amplitude (mV)	100	-5	AMPS2	150	200	VDL	1200	Cement Map
0	GR (GAPI)	200	(lb)	0	Amplified Amplitude	10	-5	AMPS3	150				1
			CCL	0	(mV)	10	-5	AMPS4	150				100
							-5	AMPS5	150				
							-5	AMPS6	150				
							-5	AMPS7	150				
							-5	AMPS8	150				
							-5	AMPS1	150				
								GCT_Temp					
							0	(degF)	300				
								GCT_Temp					

(degF)



Company	CONFLUENCE
Well	70 RANCH 10-14-1L
Field	WATTENBERG
County	WELD
State	COLORADO