



RADIAL CEMENT BOND
GAMMA RAY
CCL

Company		KERR McGEE OIL AND GAS		Company		KERR McGEE OIL AND GAS	
Well		UPRR 41 PAN AM H #1		Well		UPRR 41 PAN AM H #1	
Field		WATTENBERG		Field		WATTENBERG	
County		WELD		County		WELD	
State		CO		State		CO	
Location:				API # : 05-123-14386			
SHL 1345' FSL & 1305' FEL NE/SE				Other Services			
Permanent Datum		GL		Elevation		4975'	
Log Measured From		KB 13'		Elevation		K.B. 4988'	
Drilling Measured From		KB		Elevation		D.F. 4987'	
Elevation		4975'		Elevation		G.L. 4975'	
SEC 23		TWP 3N		RGE 68W			
Date		8-25-2014					
Run Number		ONE					
Depth Driller		7985'					
Depth Logger		6070'					
Bottom Logged Interval		6067'					
Top Log Interval		SURFACE					
Open Hole Size		7.875					
Type Fluid		WATER					
Density / Viscosity		1.0					
Max. Recorded Temp.		167 DEG F					
Estimated Cement Top		708'					
Time Well Ready		N/A					
Time Logger on Bottom		N/A					
Equipment Number		4310					
Location		GREELEY					
Recorded By		N. BREHMER					
Witnessed By		F. RIVERA					
Borehole Record				Tubing Record			
Run Number		Bit		From		To	
Casing Record		Size		Wgt/Ft		Top	
Surface String		8.63		24#		SURFACE	
Prot. String							
Production String		5.5		17#		SURFACE	
Liner						7980'	

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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

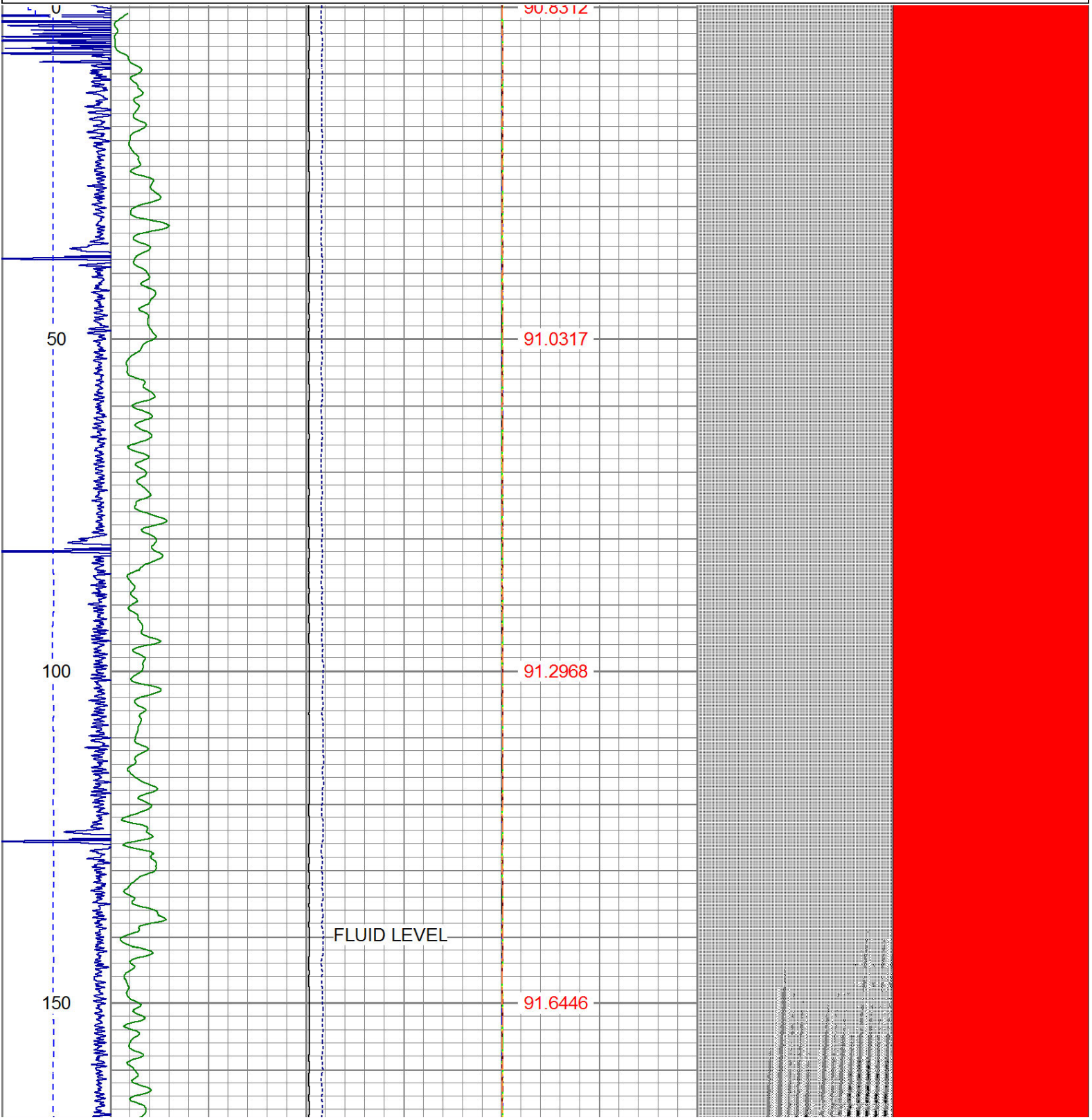
RAN CBL TO VERIFY CEMENT BOND

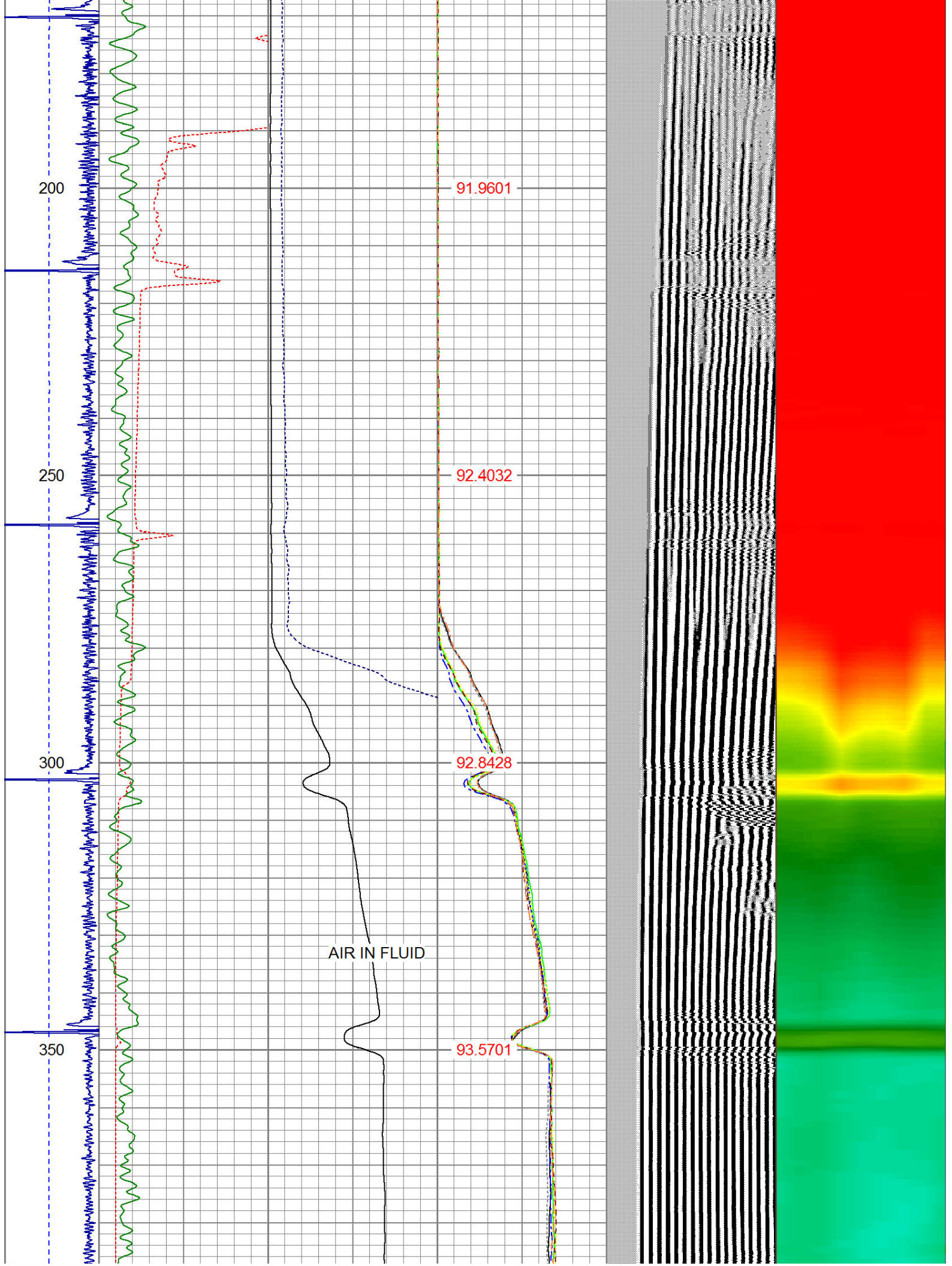
THANK YOU FOR USING WARRIOR !!!!!!!

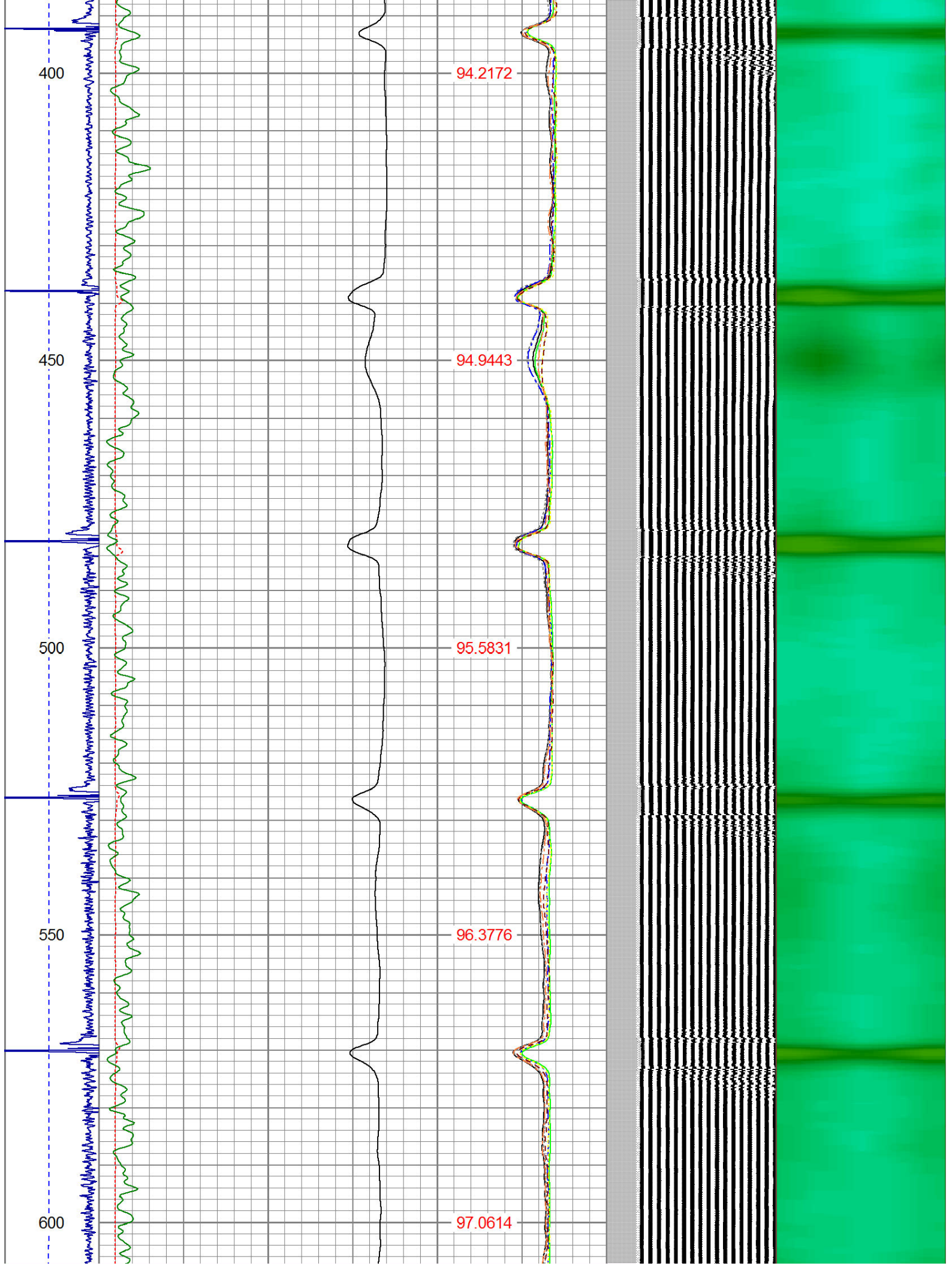
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)

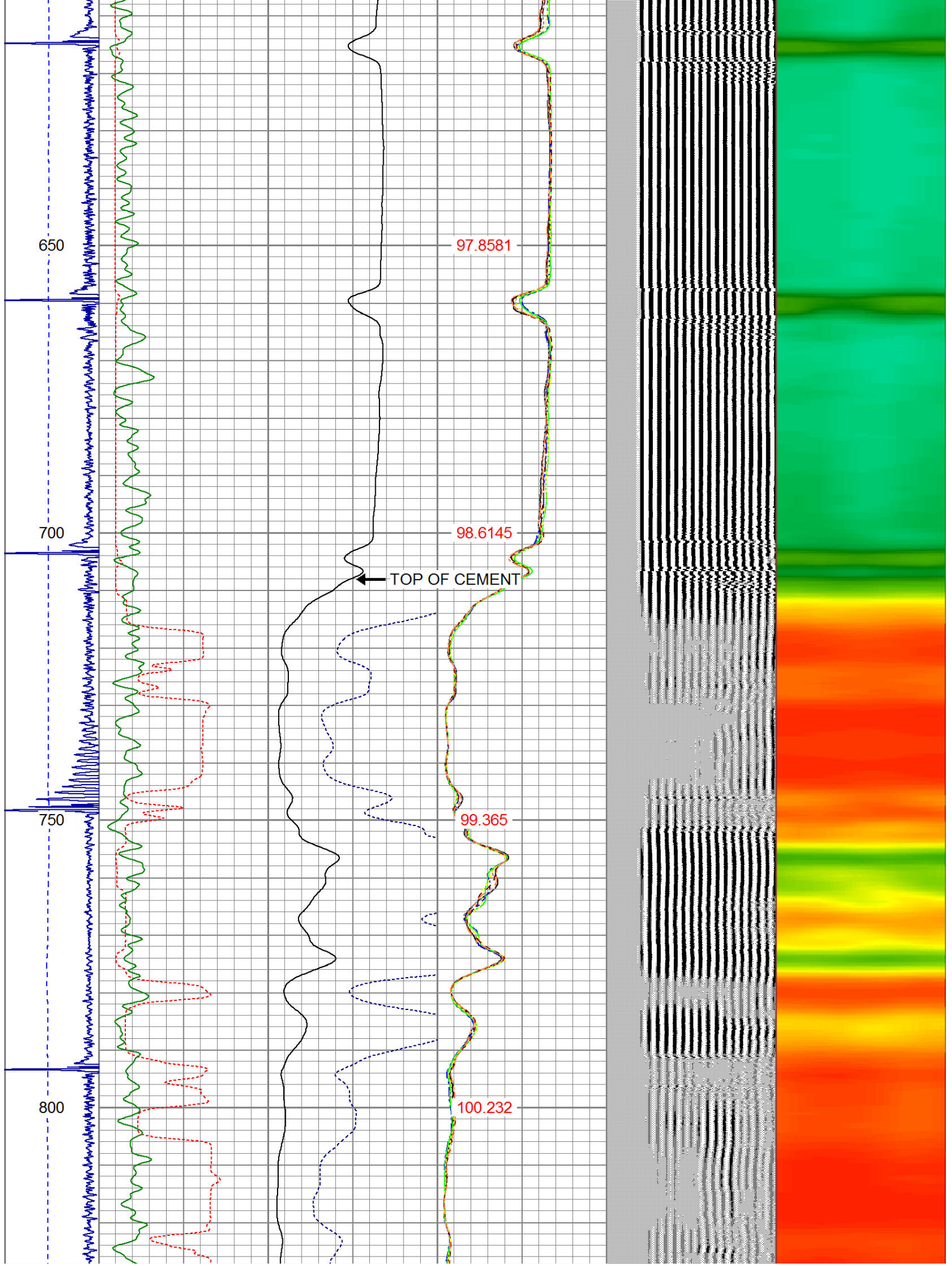
CNLSC	17.75		CNT-Probe_B (275) 6 bow centralizer	3.00	2.75	40.00
CNSSC	16.92					
HEADVOLT	16.08					
IntTemp	14.67					
WVF3FT	11.42					
WVFCAL	11.42					
WVFS1	11.42					
WVFS2	11.42					
WVFS3	11.42					
WVFS4	11.42					
WVFS5	11.42					
WVFS6	11.42					
WVFS7	11.42					
WVFS8	11.42					
WVF5FT	10.42					
			RBT-Probe (Base) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
			PTS275	2.83	2.75	
CCL	3.64					
			GR-Probe (275) Probe 2.75"	4.33	2.75	30.00
GR	0.90					
Dataset: uprr 41 pam am h #1.db: field/well/run1/pass11 Total Length: 19.08 ft Total Weight: 160.00 lb O.D. 2.75 in						

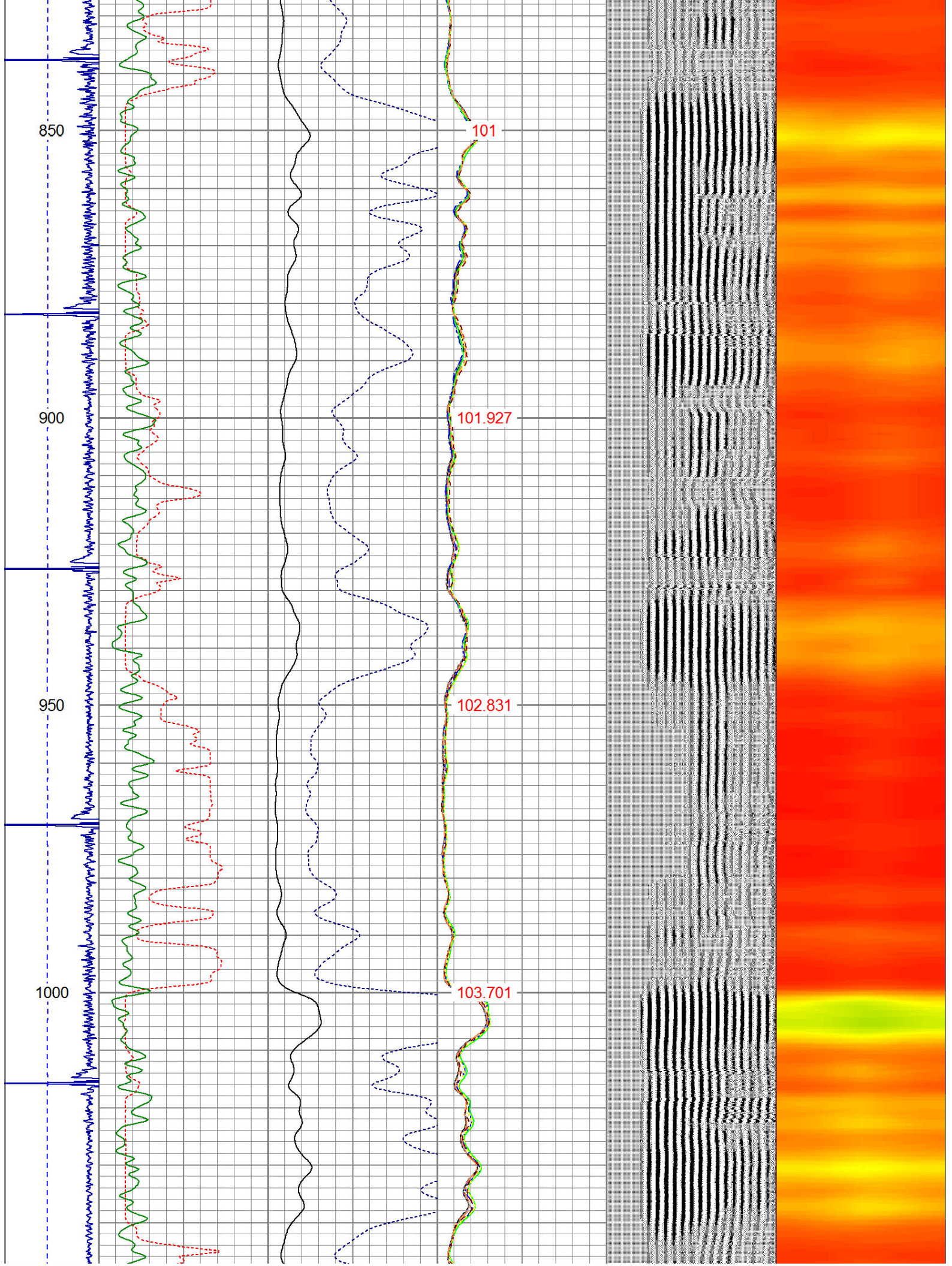
-9	CCL	1	200	TT (usec)	1000	0	AMP (mV)	100	0	AMPS1	100	200	VDL	1200	1	Cement Map	8
LSPD			0	GR (GAPI)	200	0	AMPx5 (mV)	20	0	AMPS2	100				1		100
(ft/min)			200	GR (GAPI)	400				0	AMPS4	100						
0		250							0	AMPS5	100						
									0	AMPS6	100						
									0	AMPS7	100						
									0	AMPS8	100						
									IntTemp								
									(degF)								

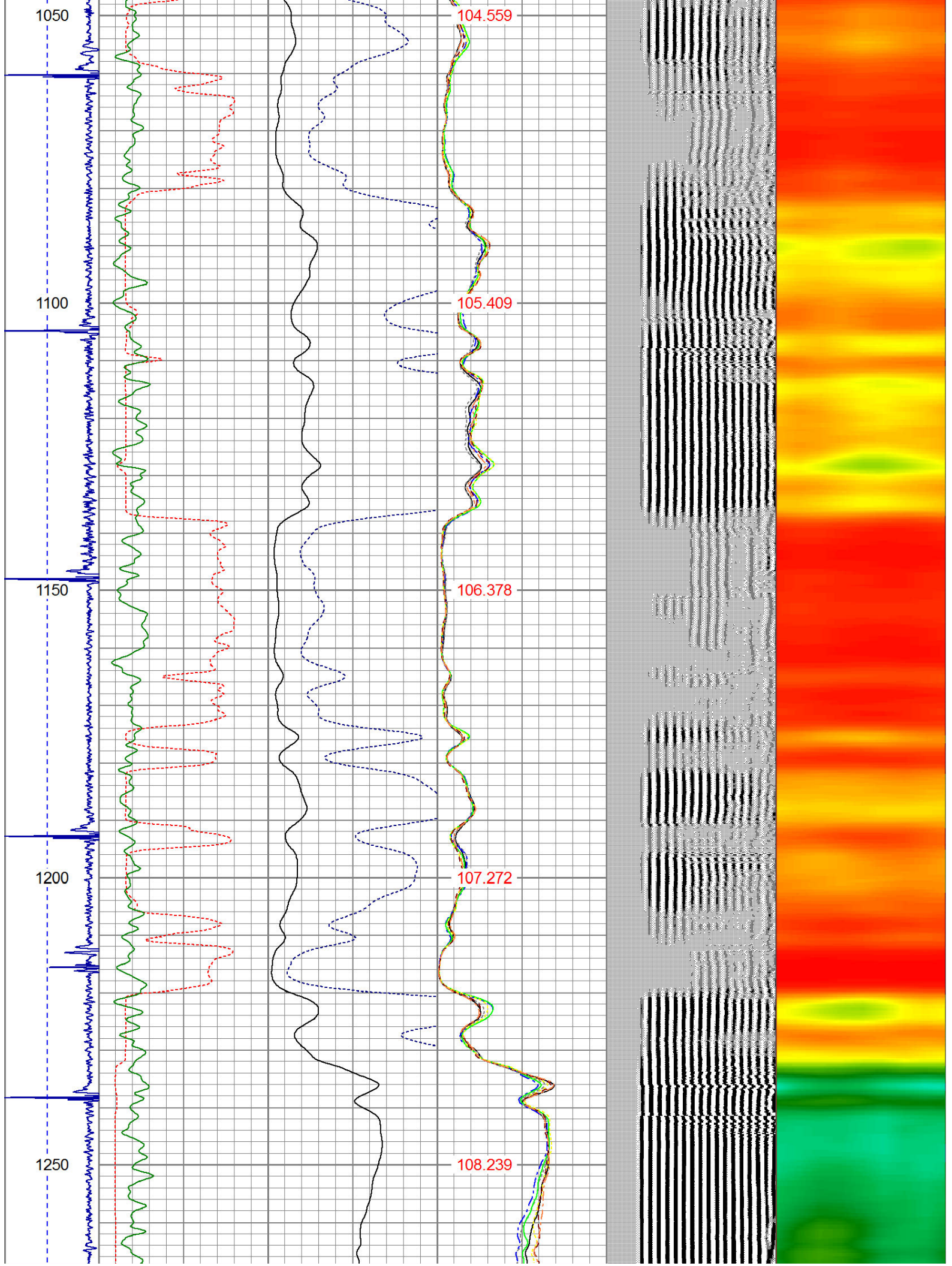


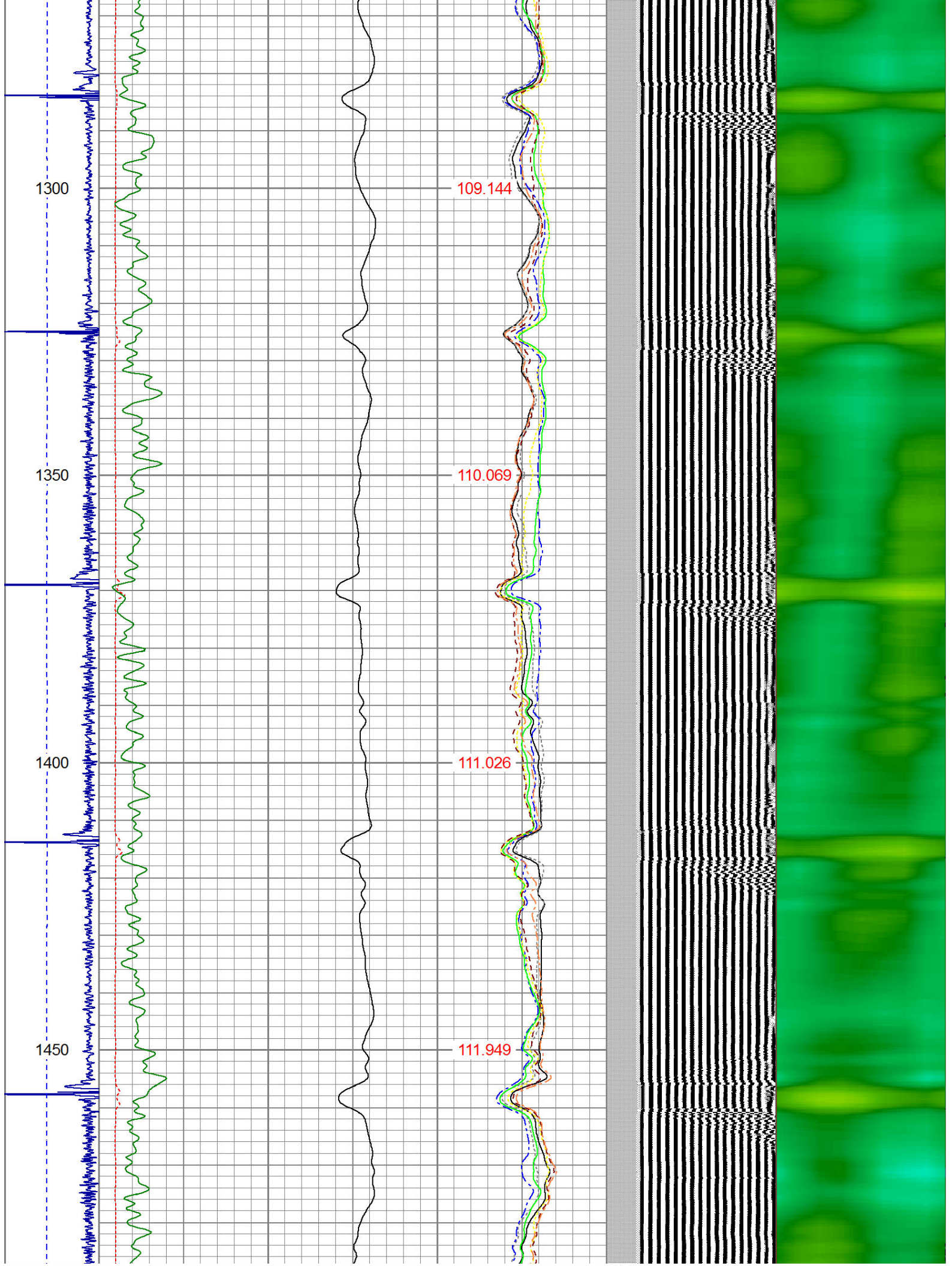


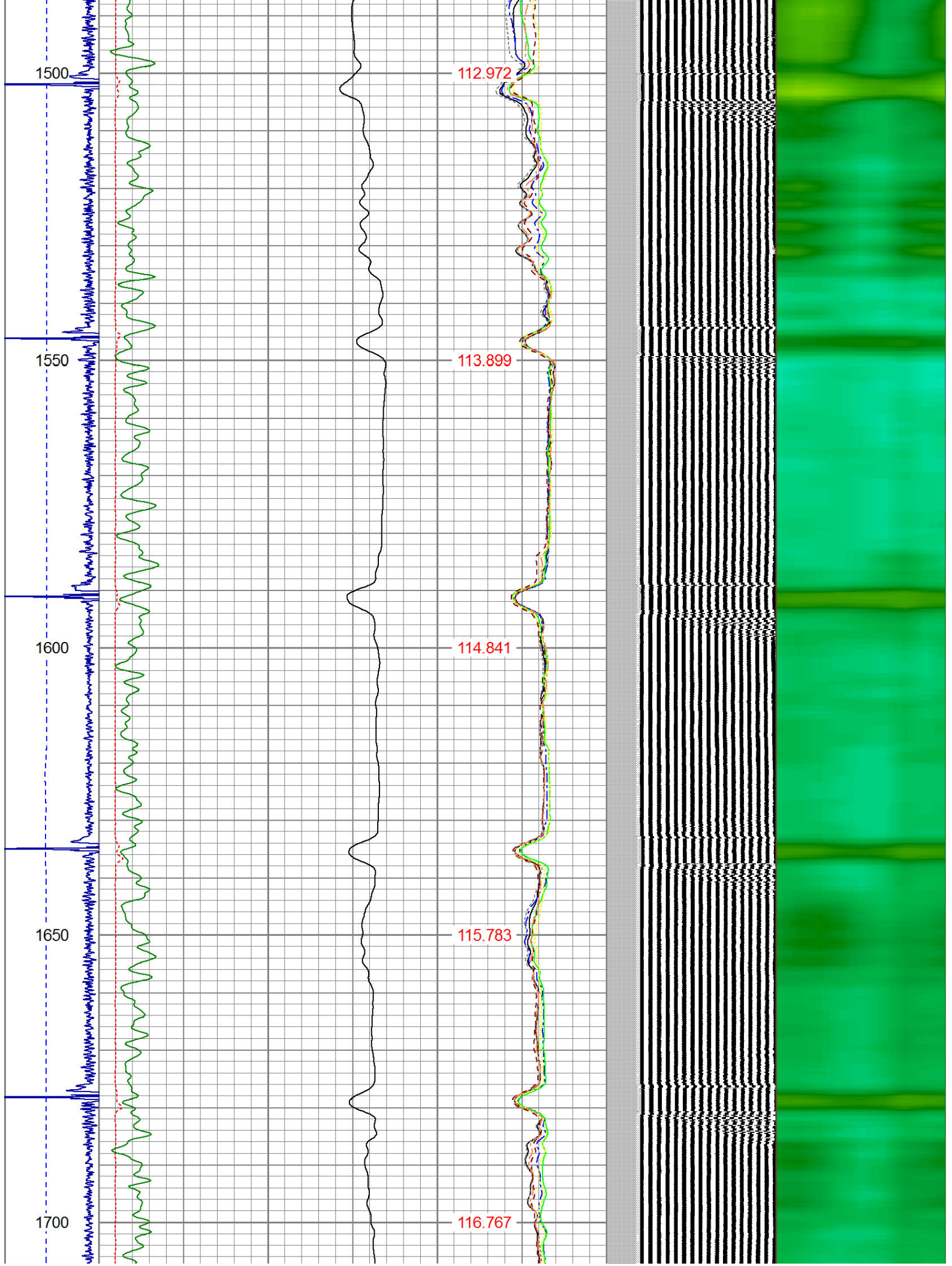


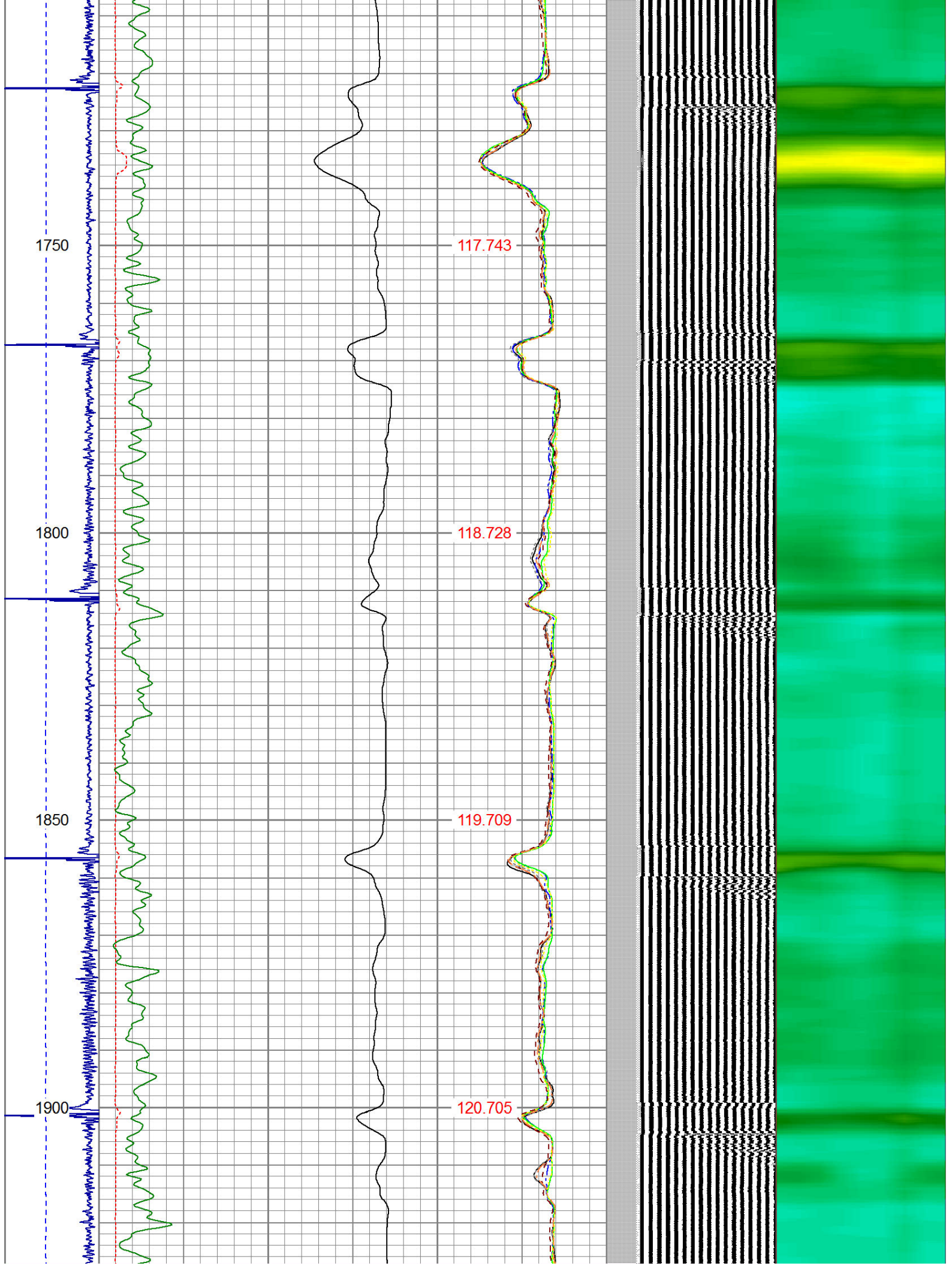


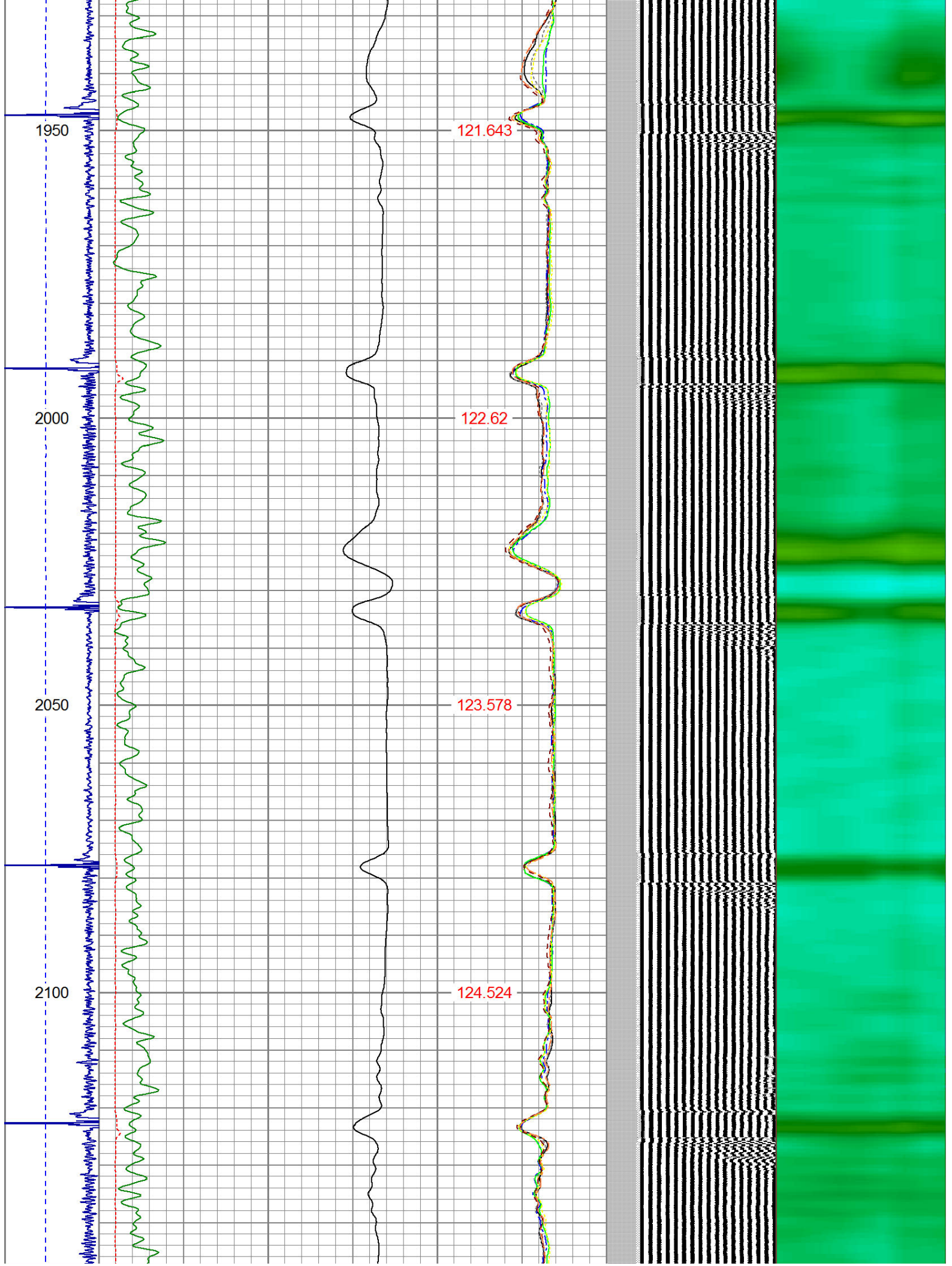


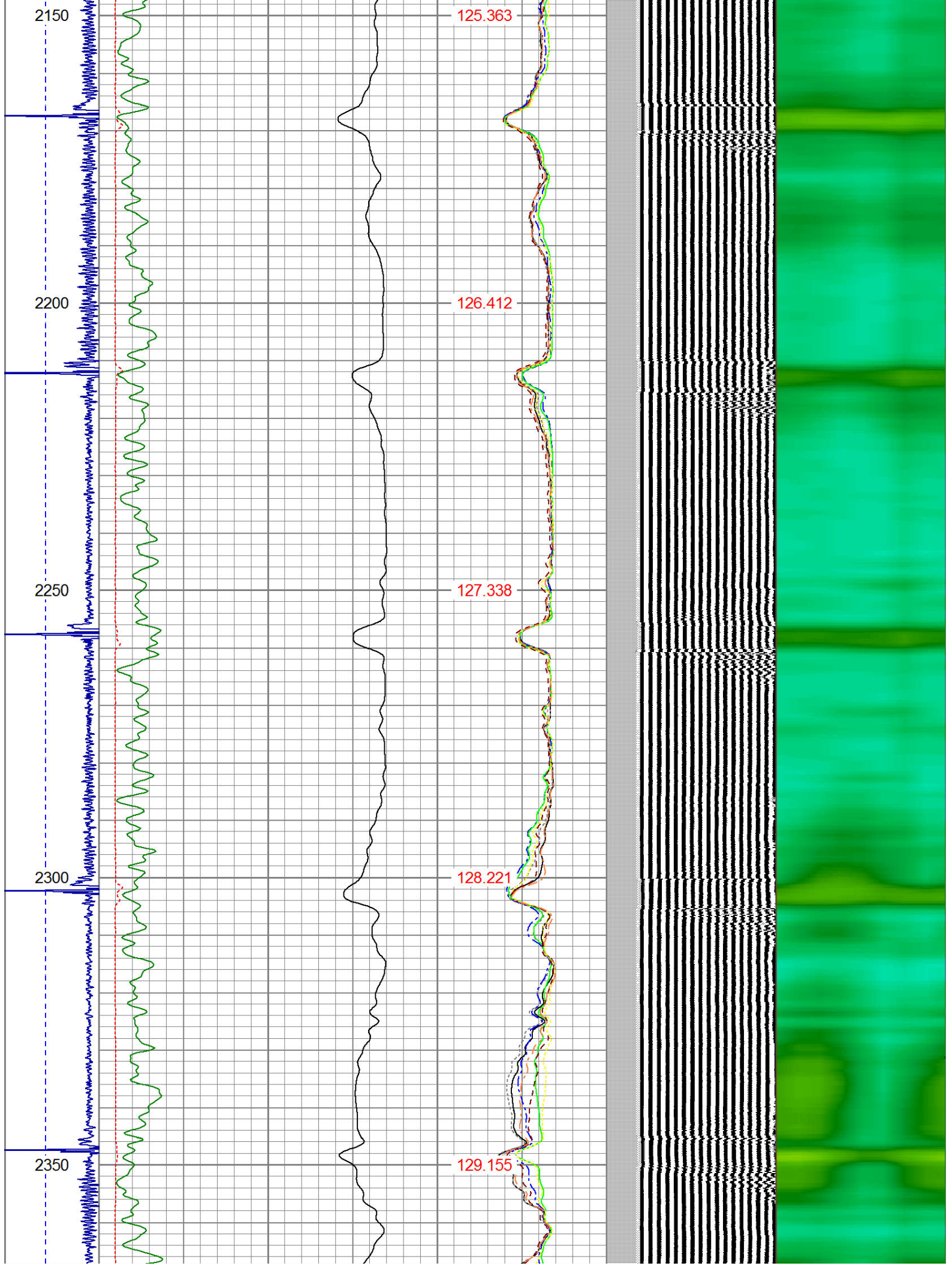


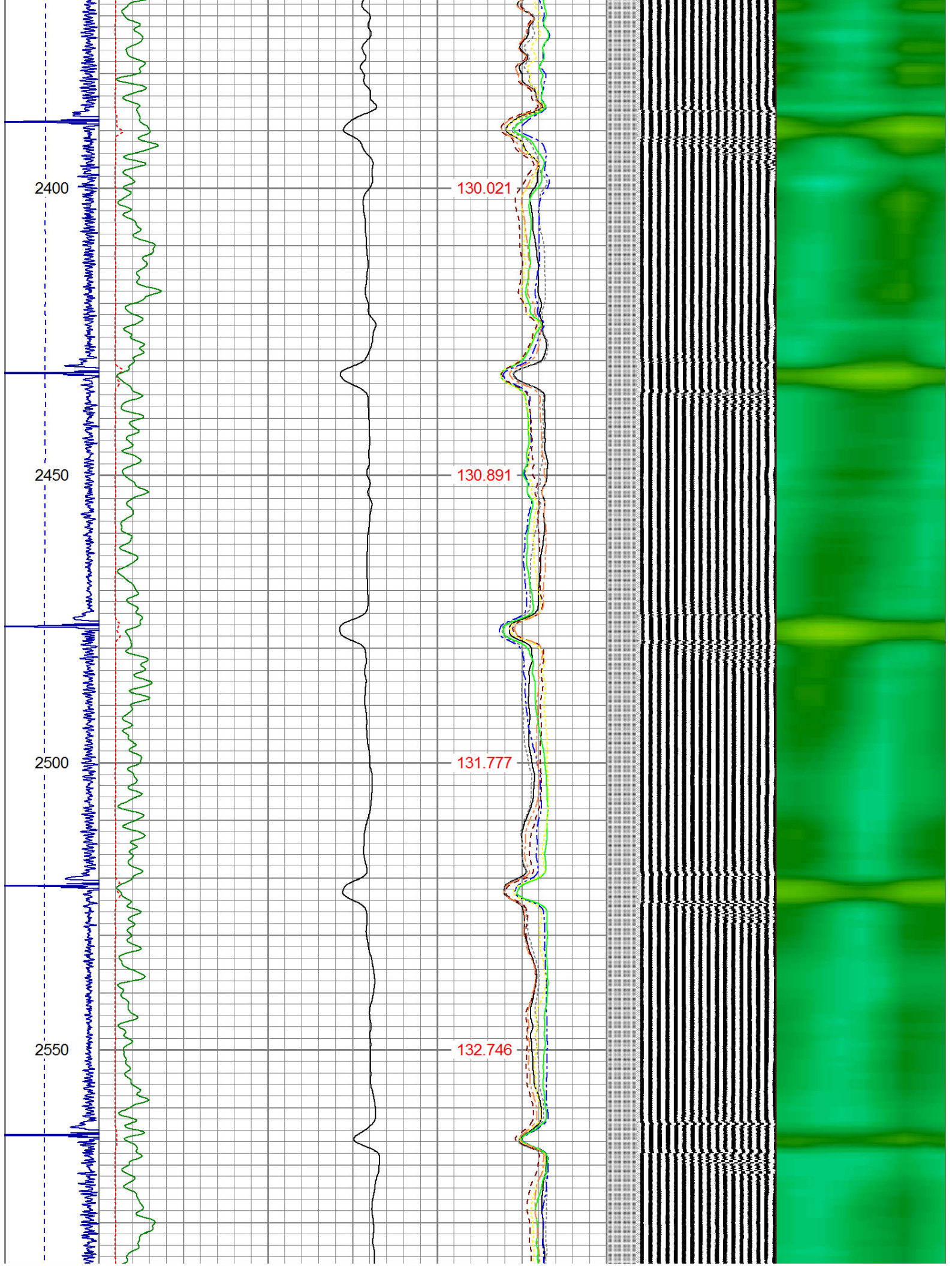


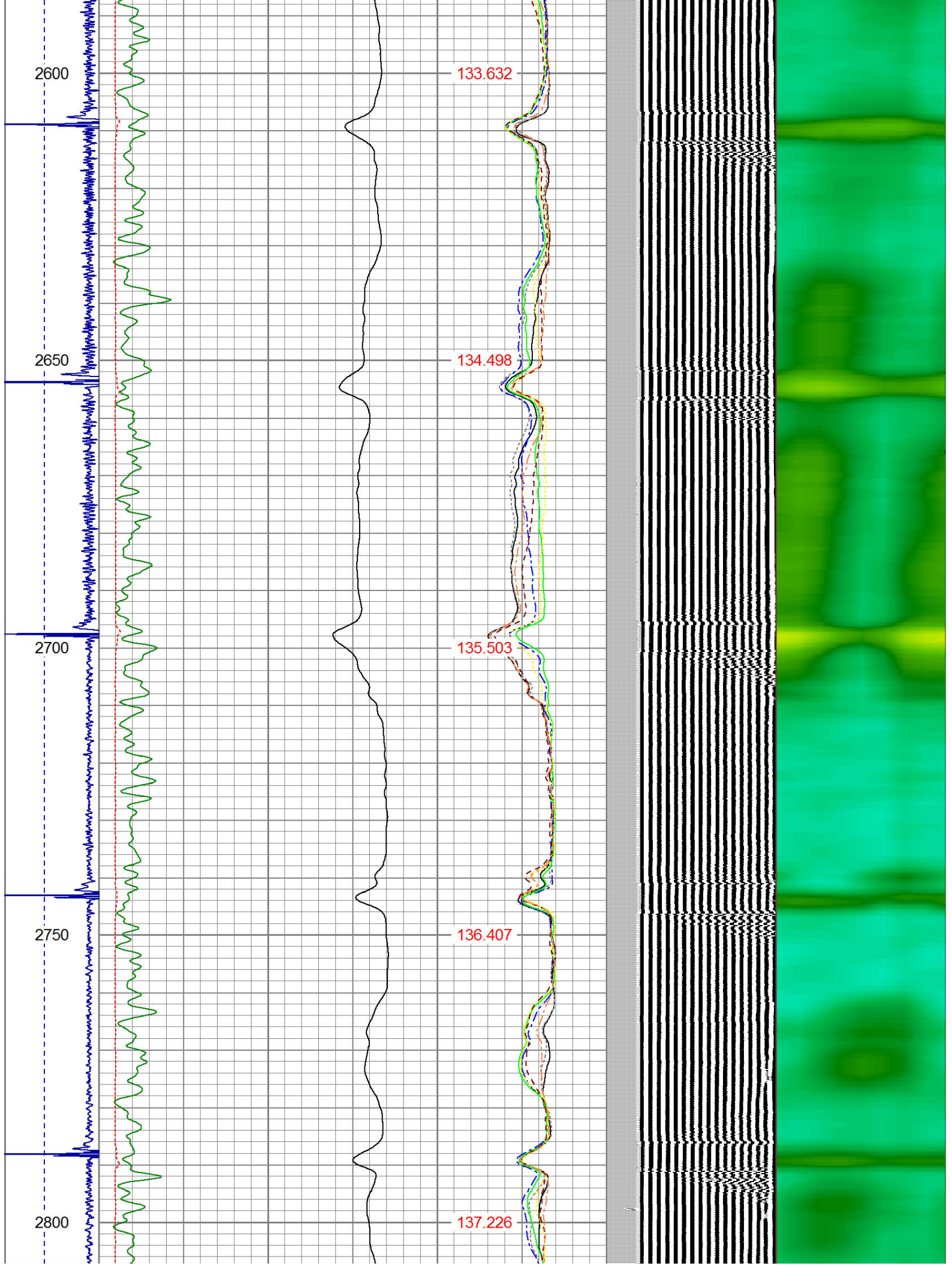


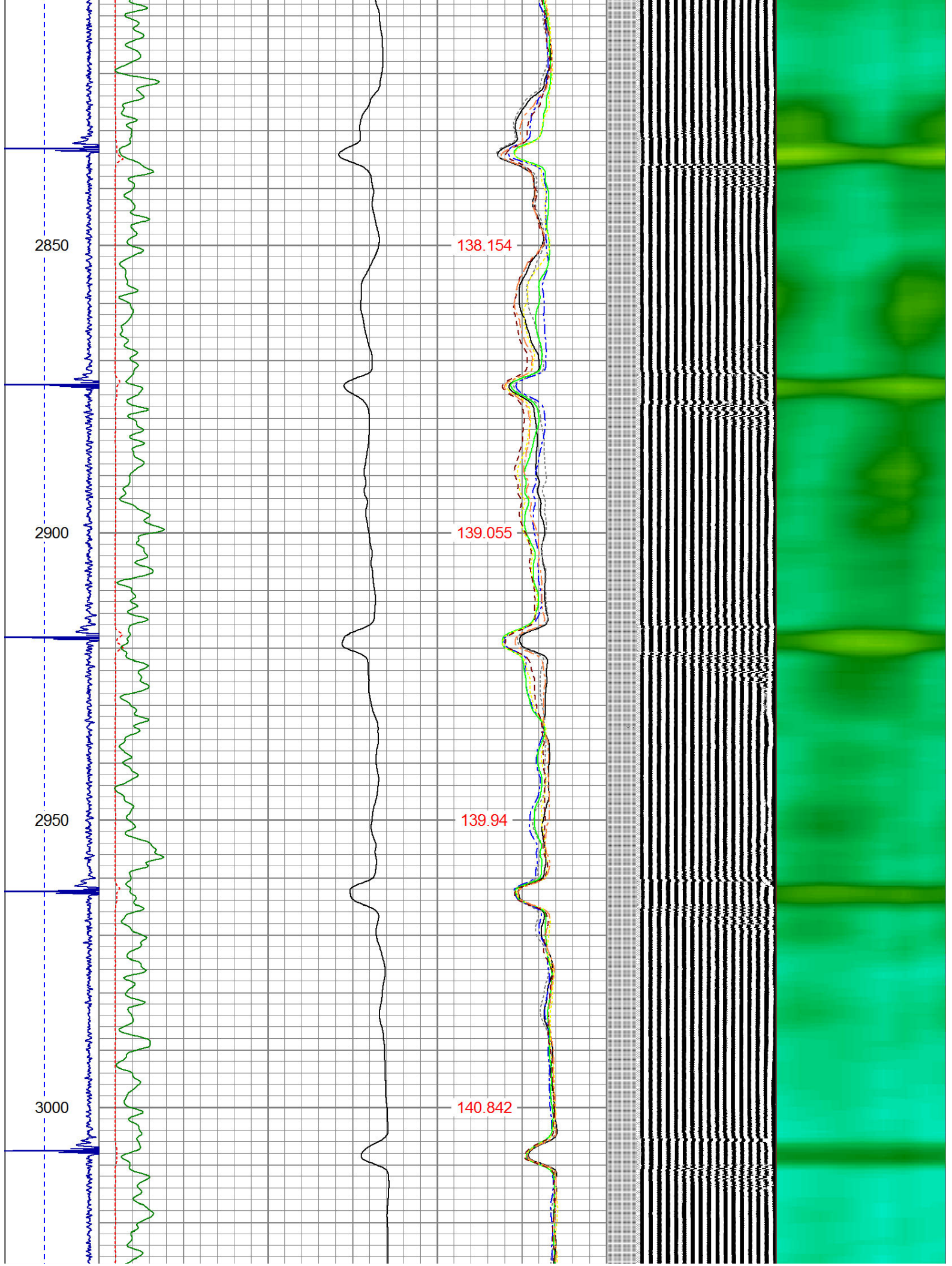


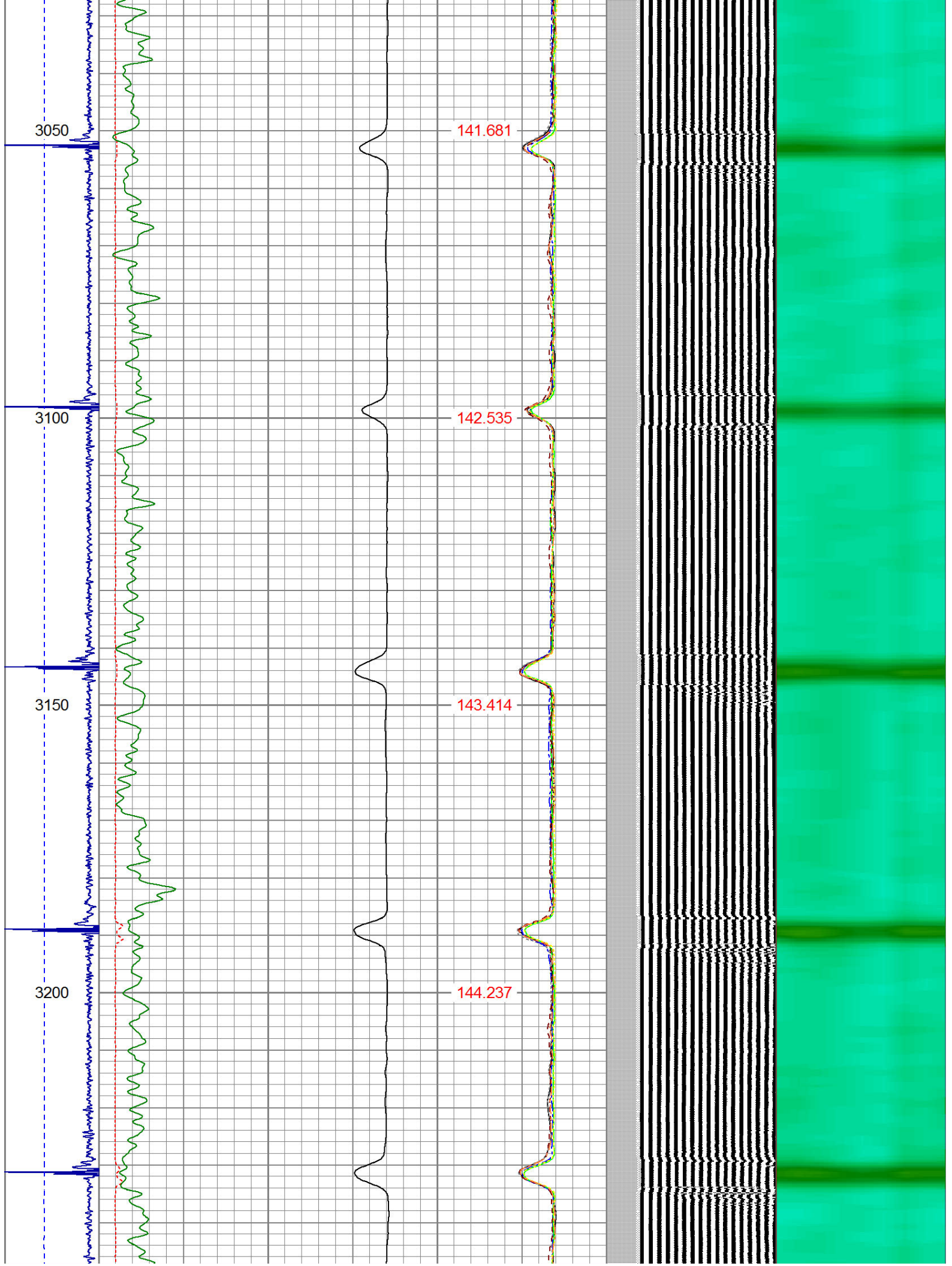


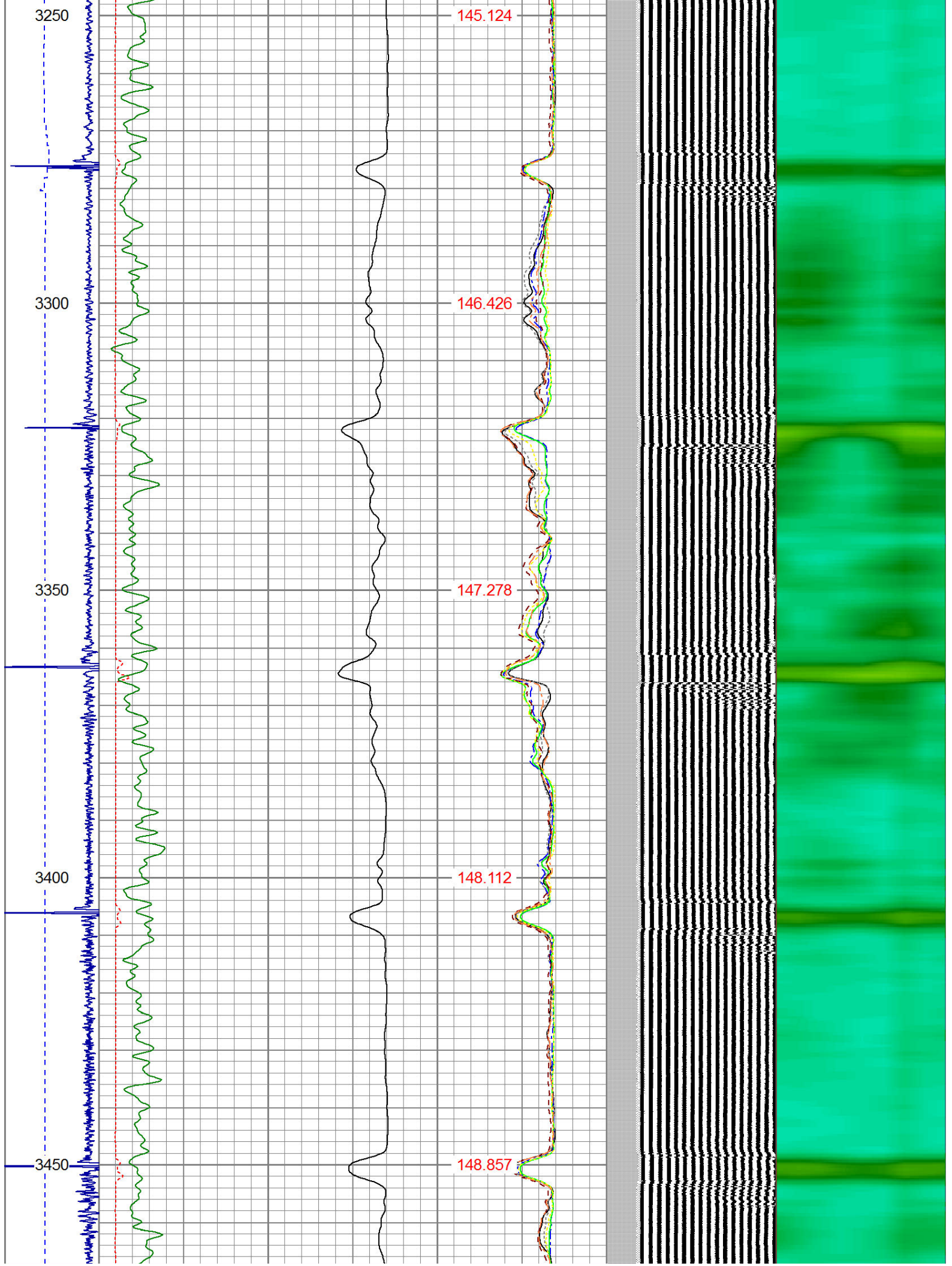


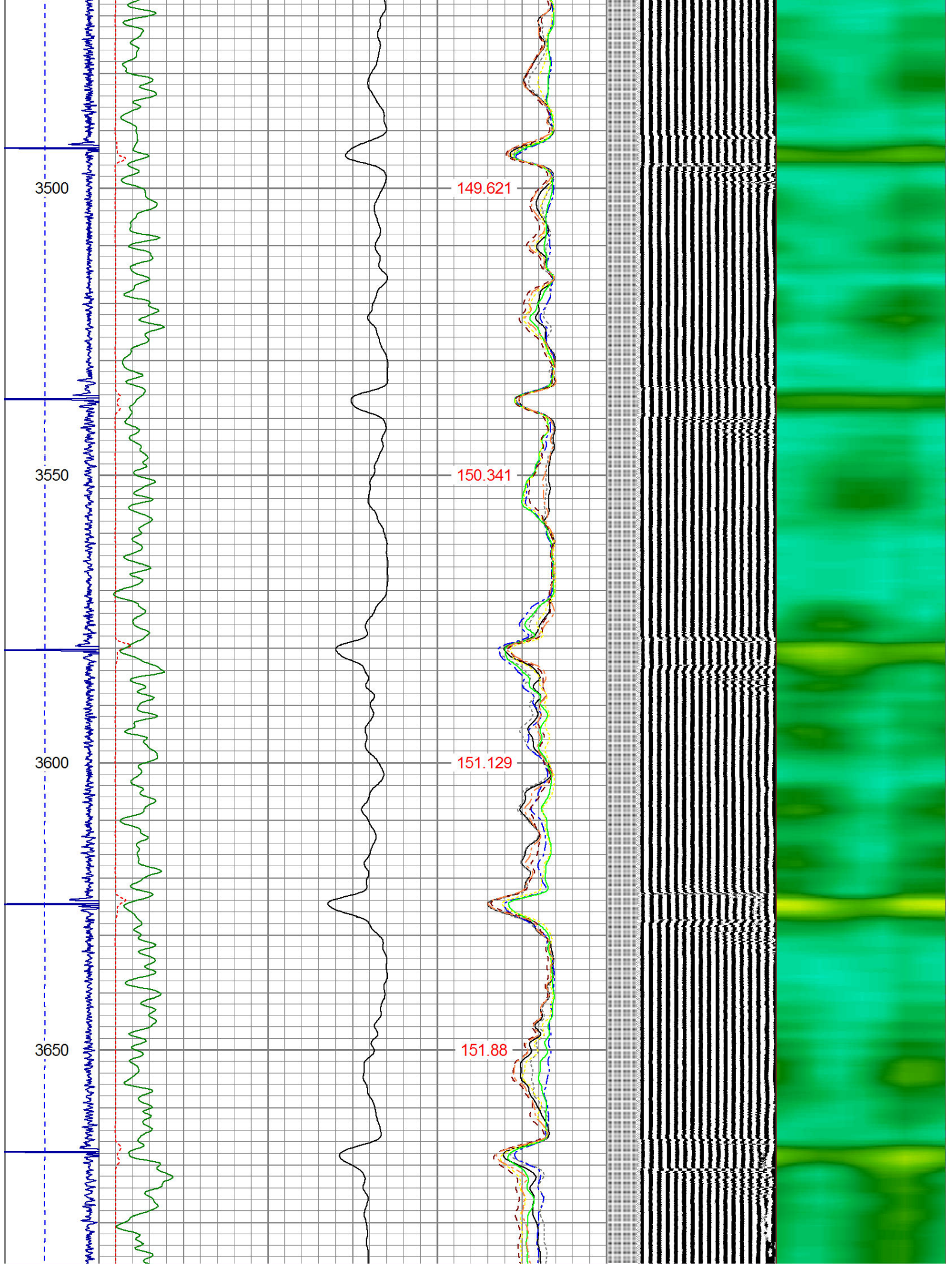


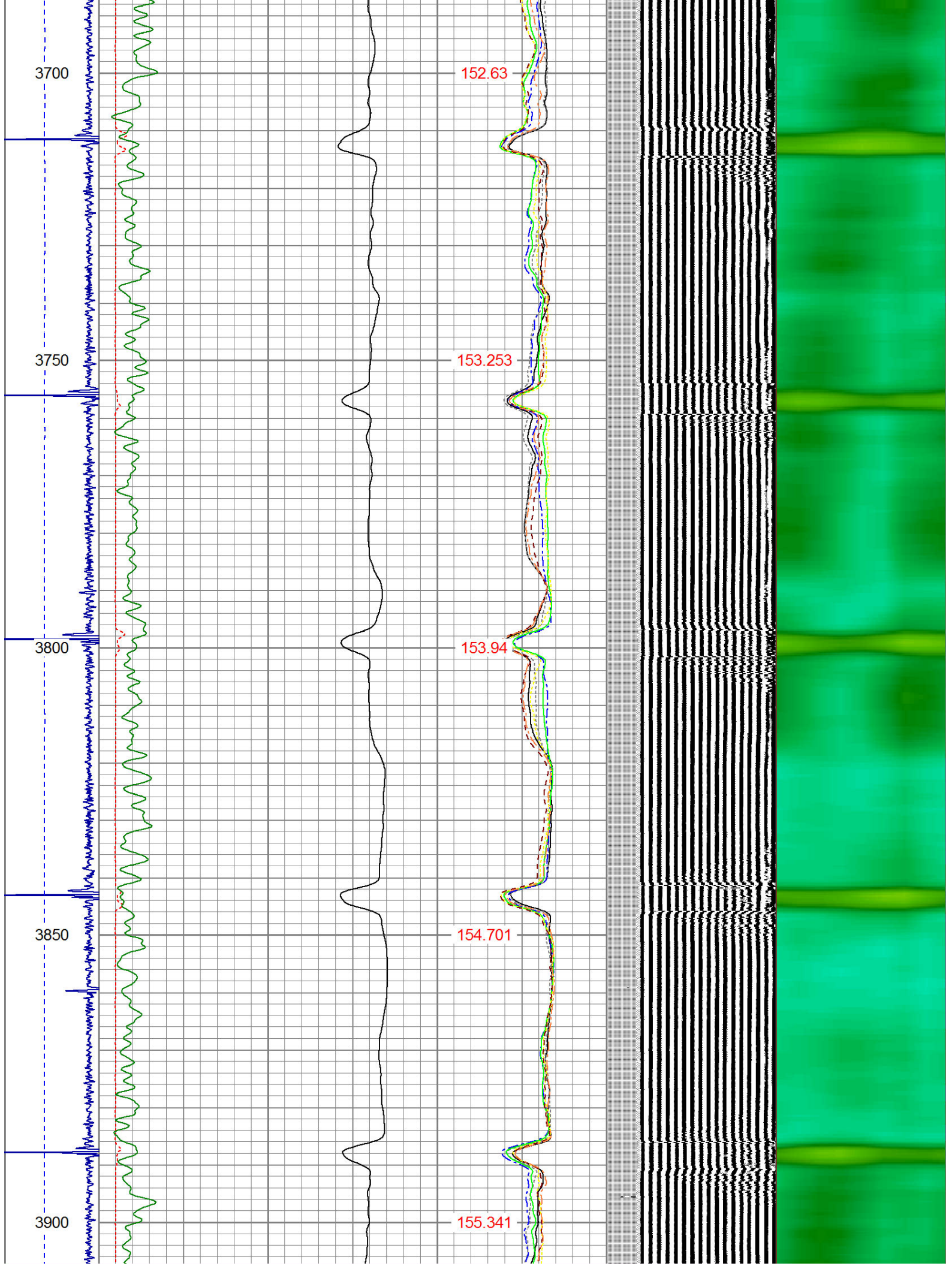


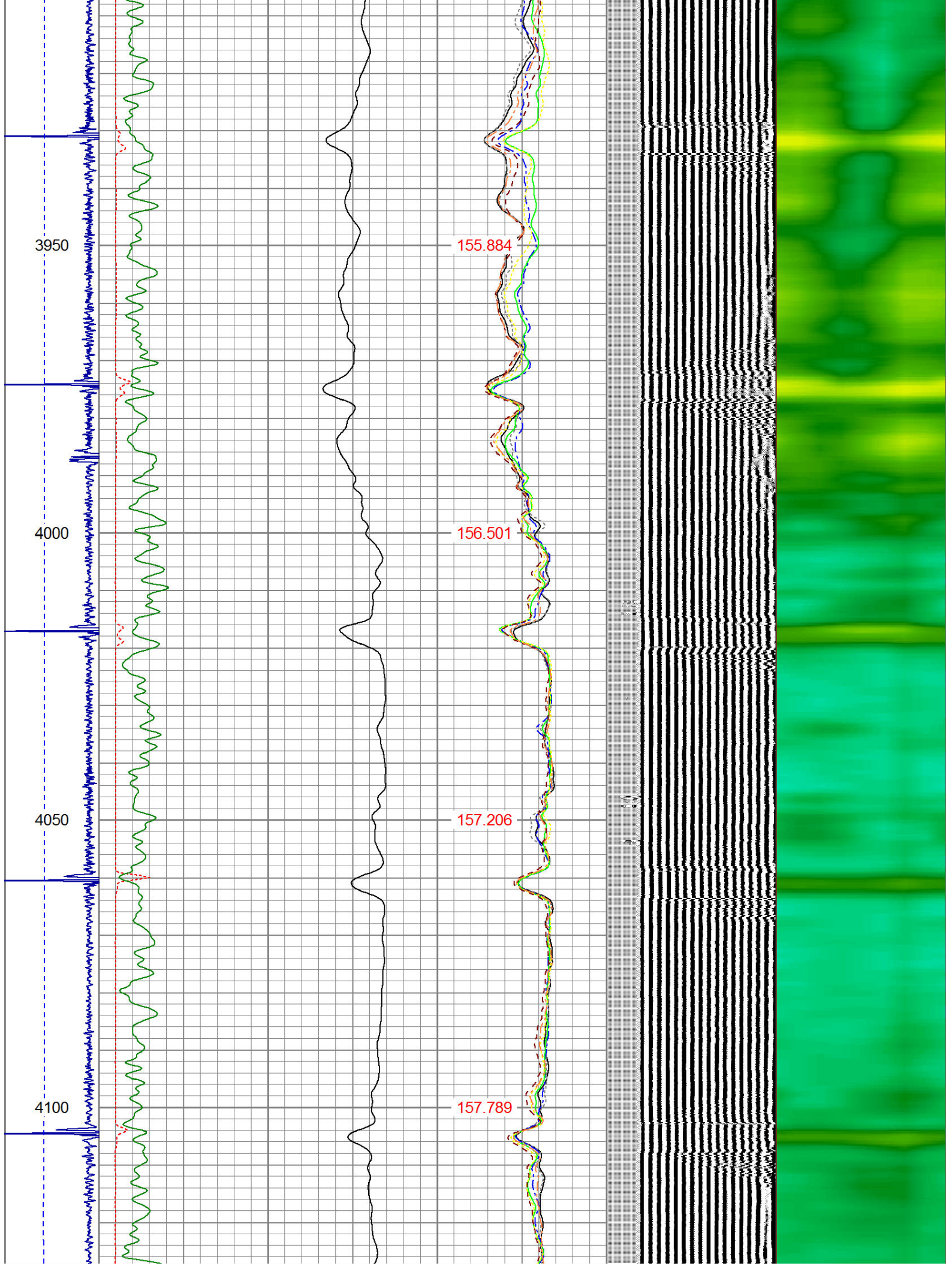


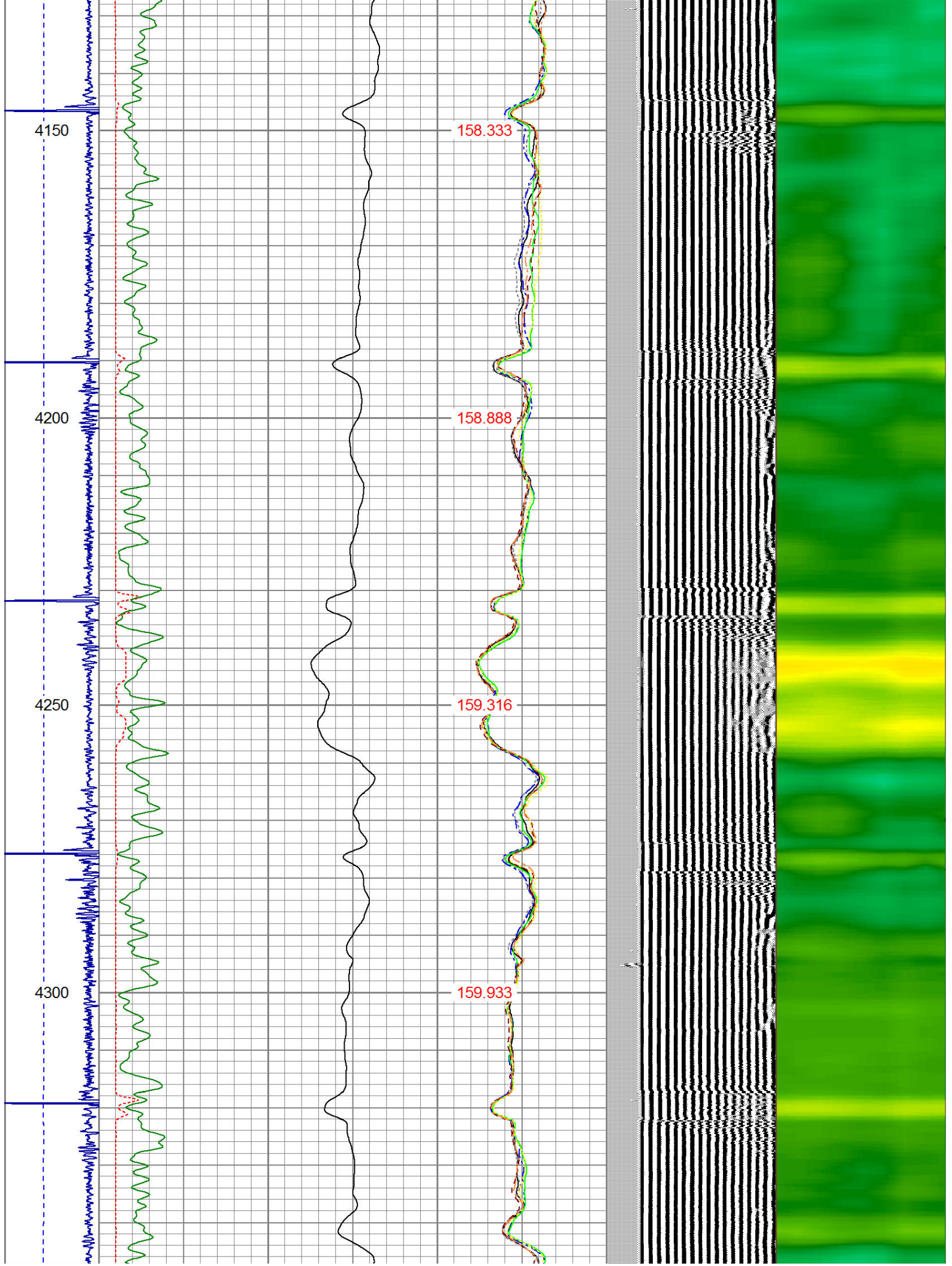


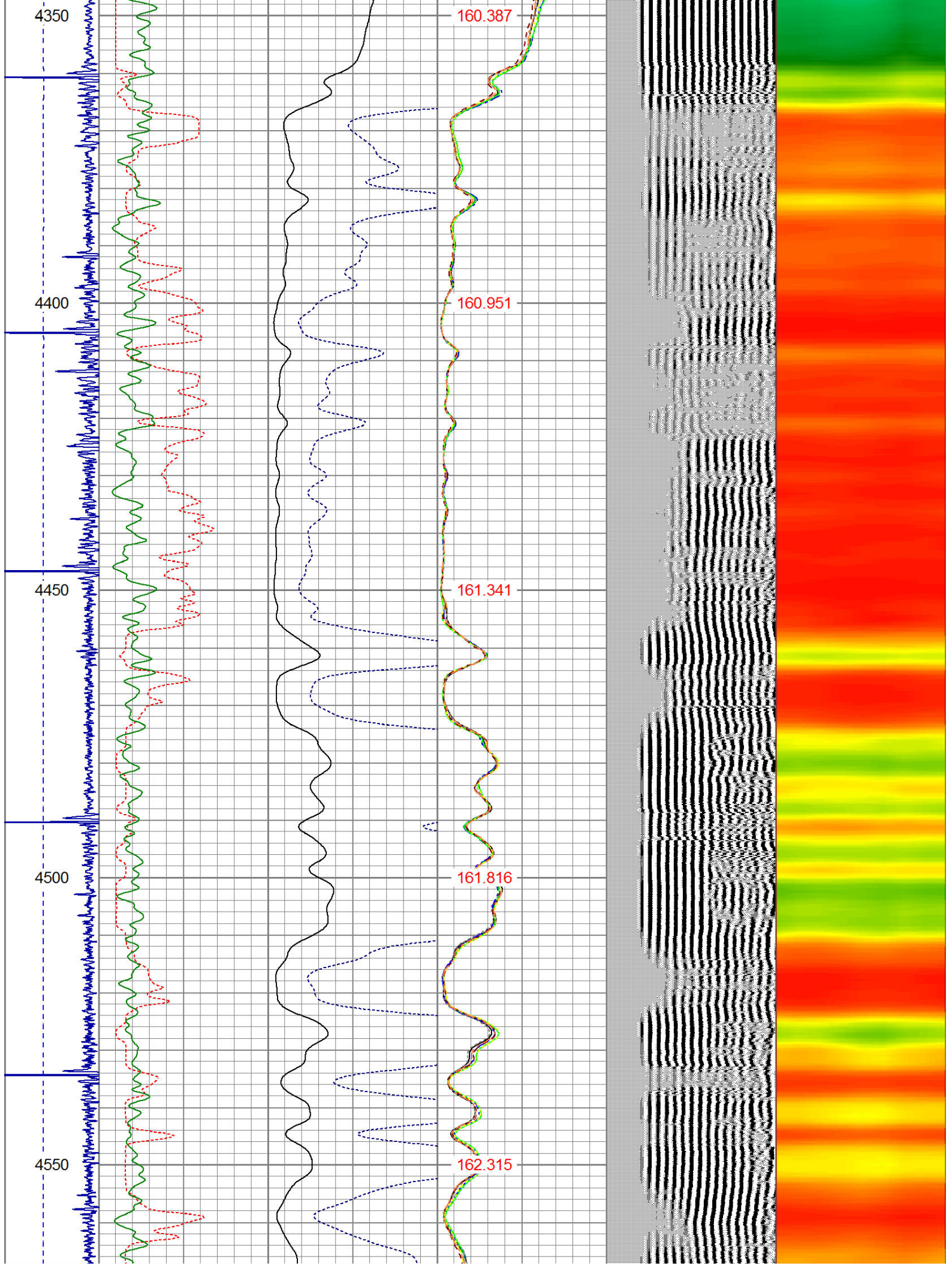


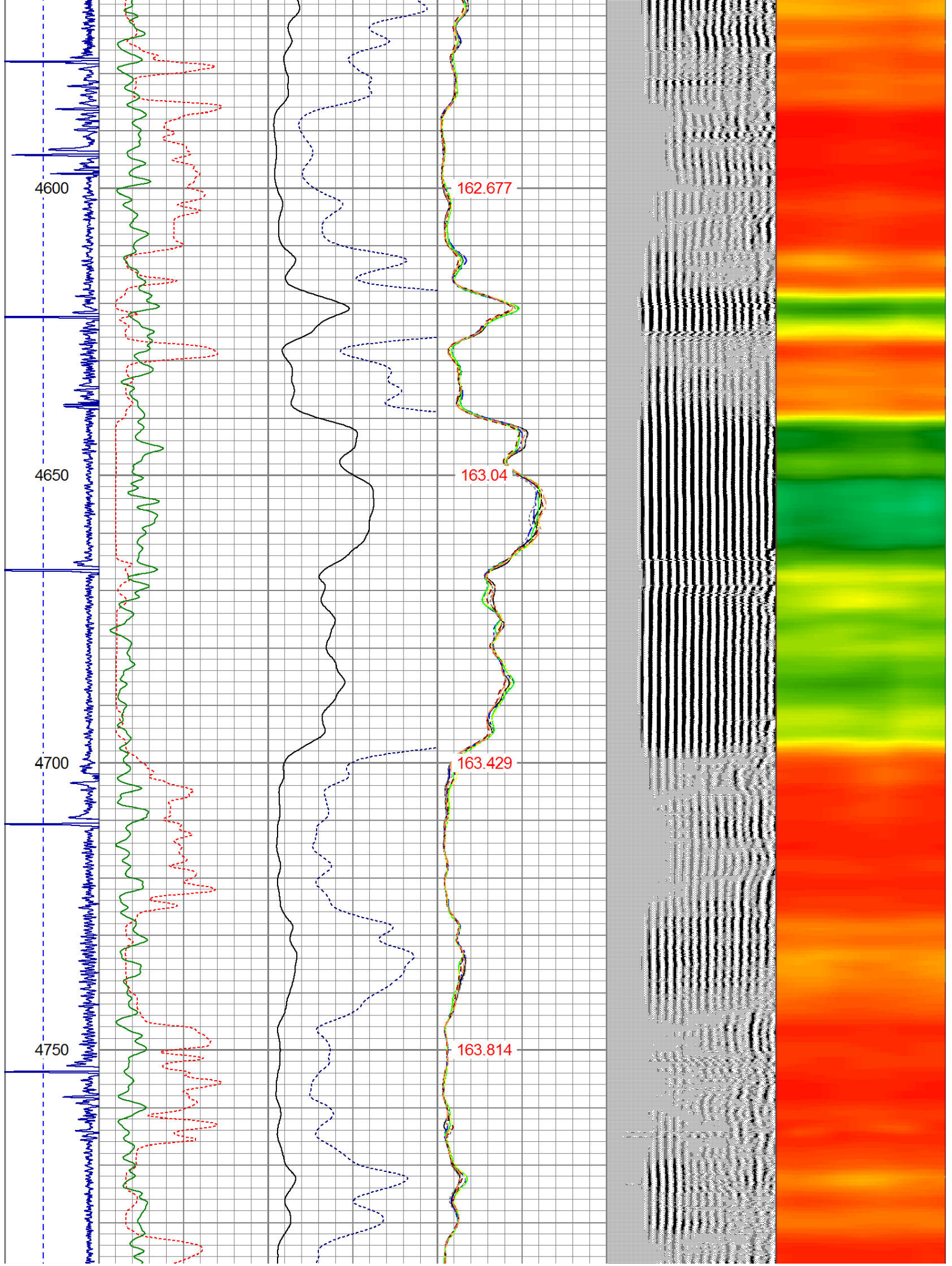


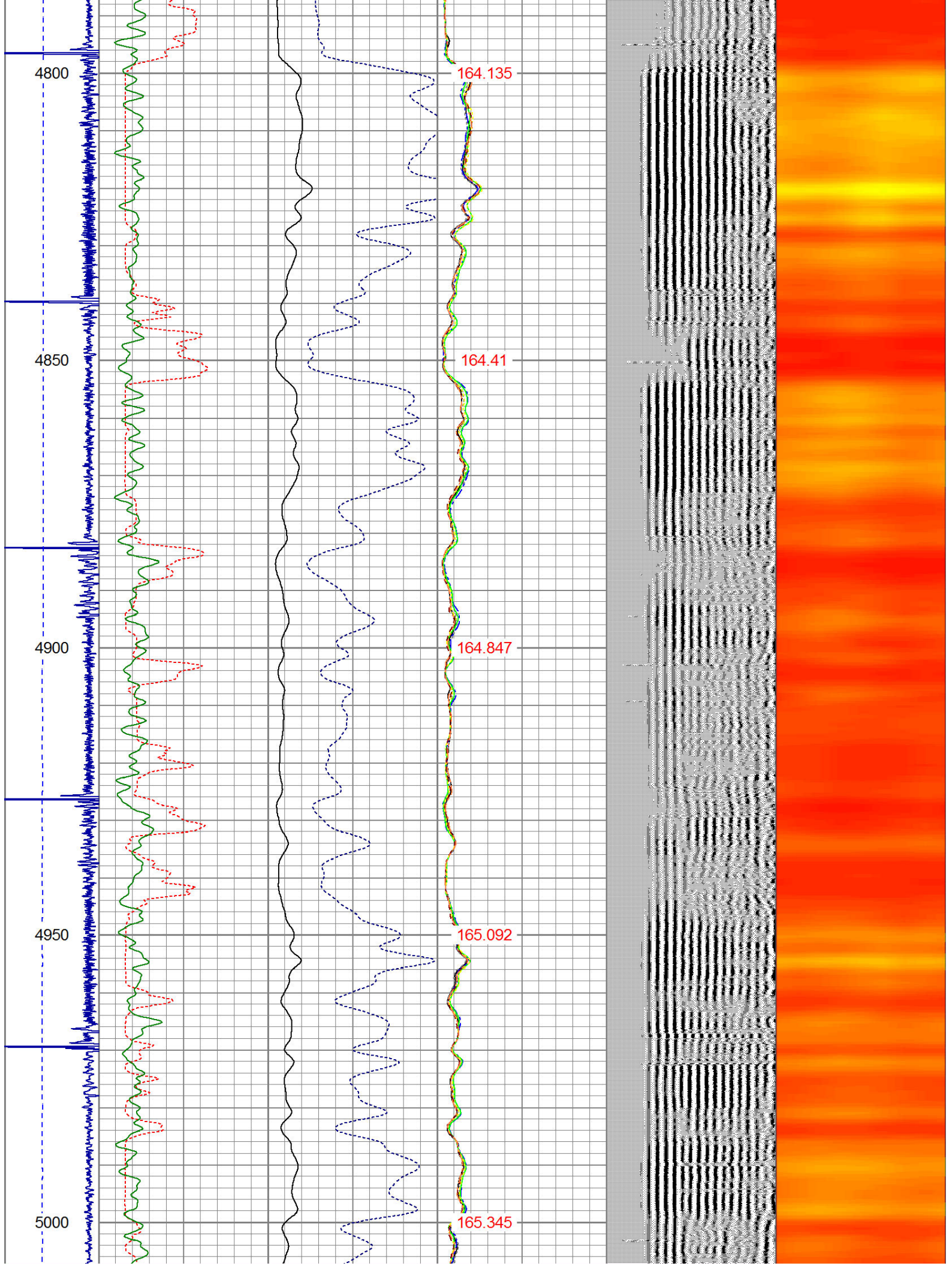


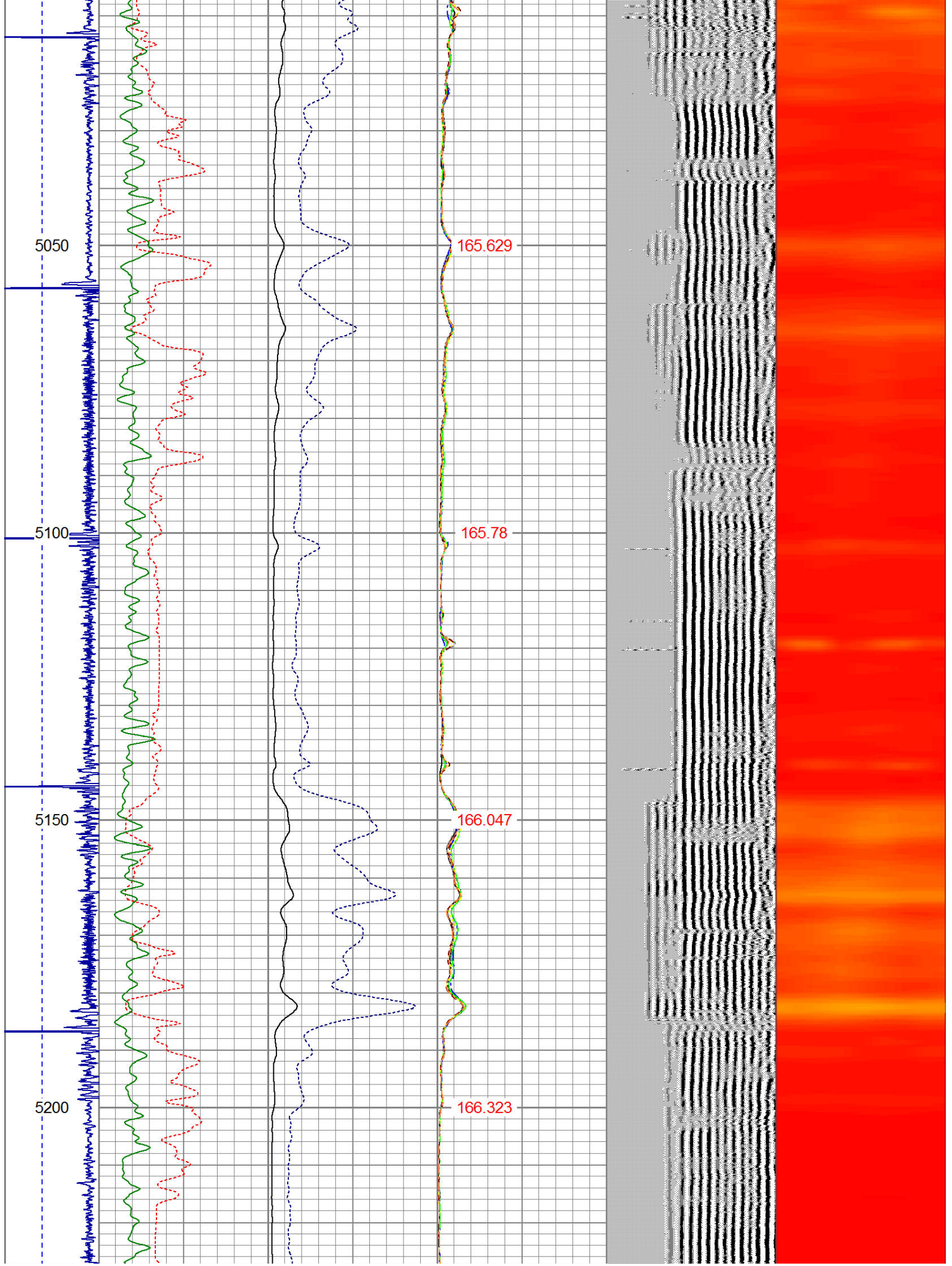


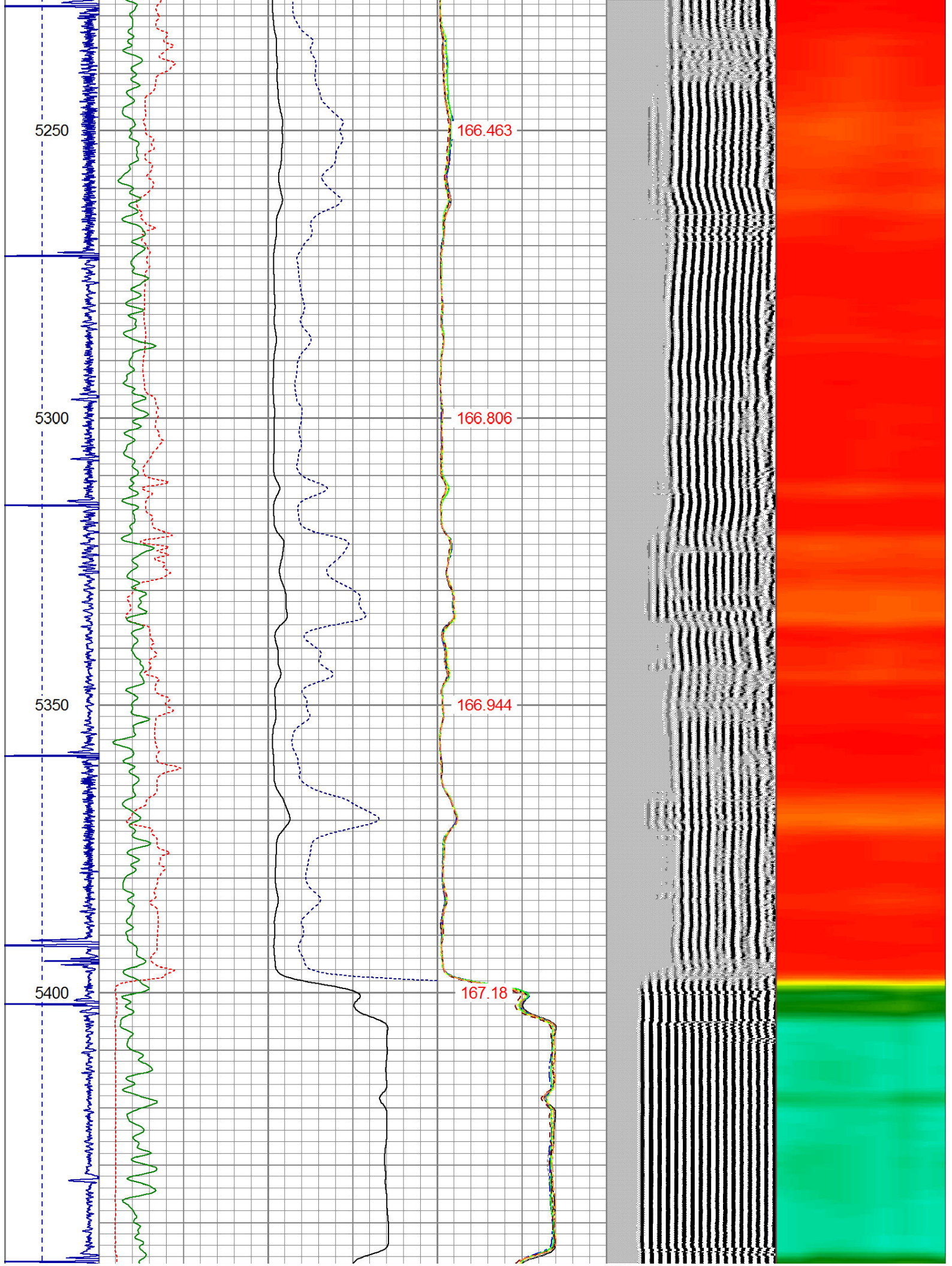


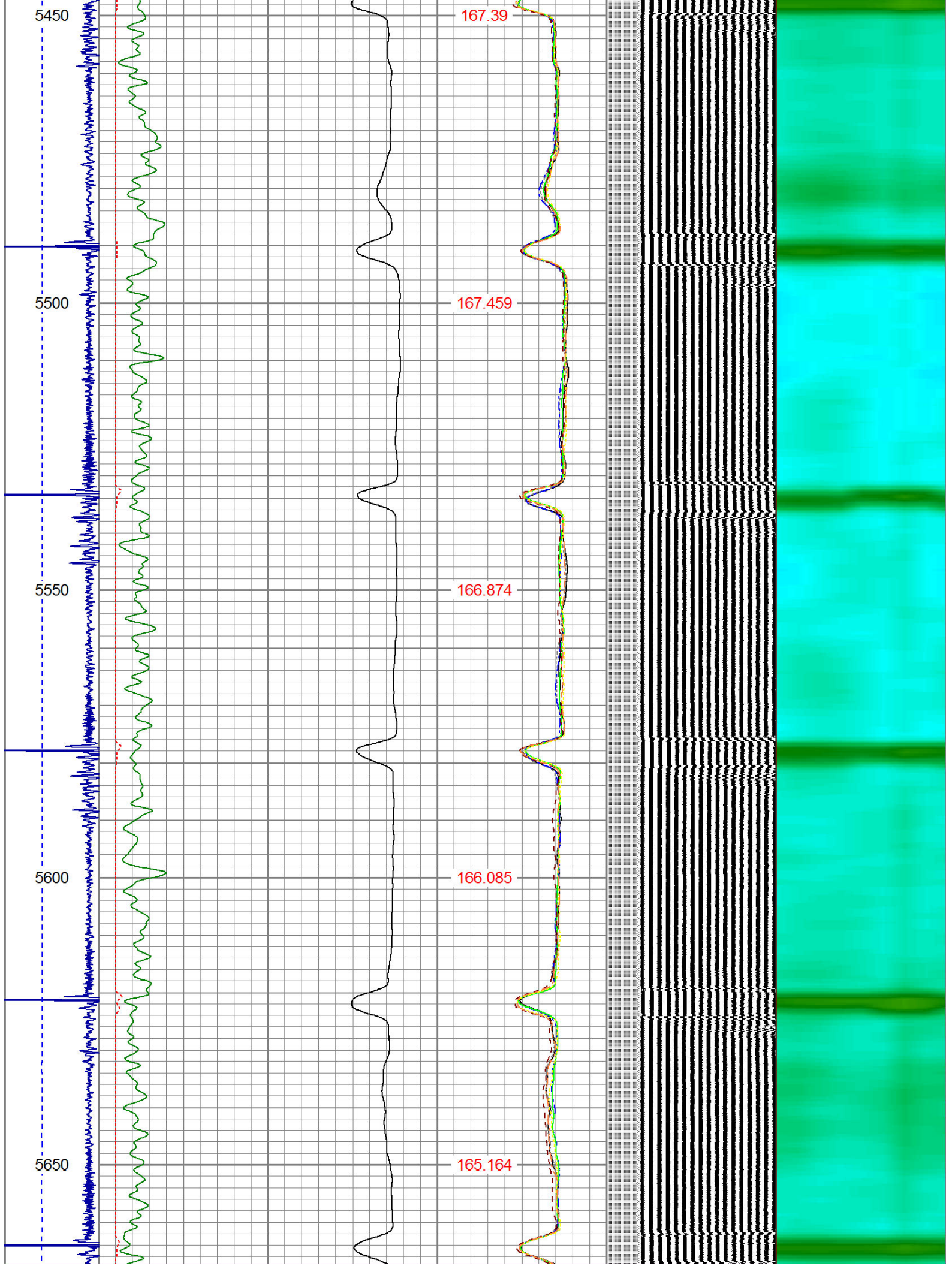


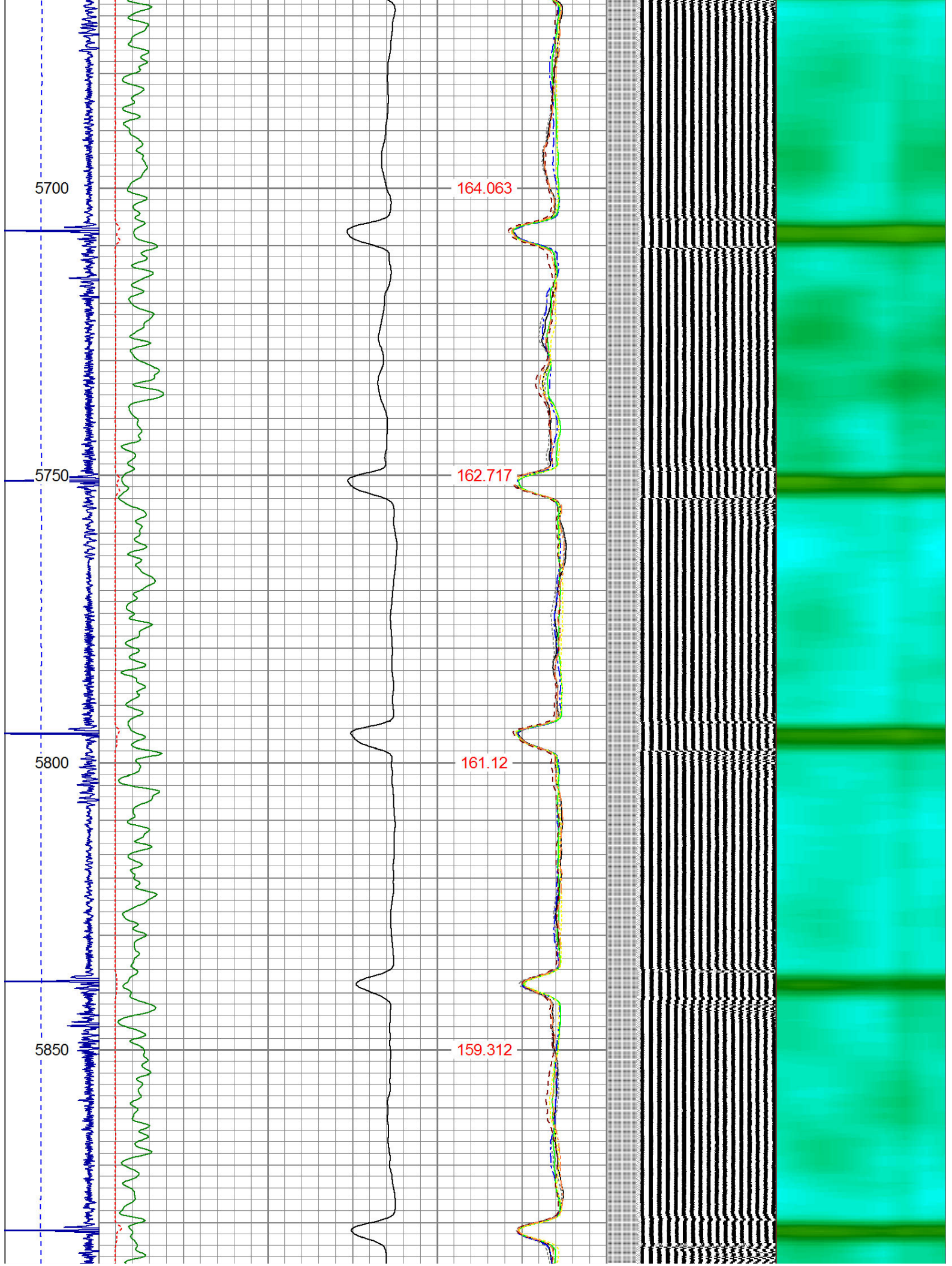


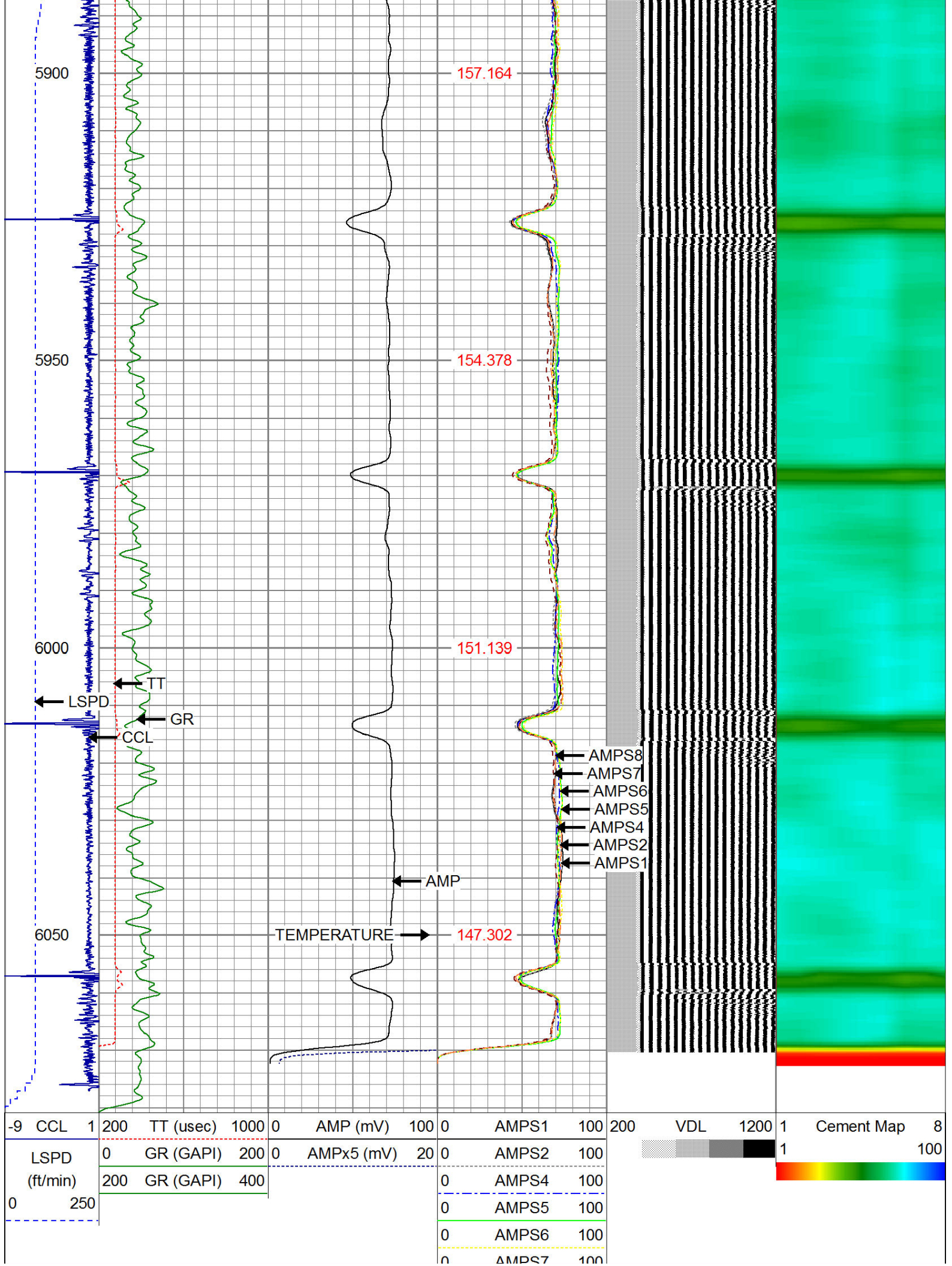












0	AMPS8	100
0	AMPS8	100
IntTemp (degF)		



WARRIOR
ENERGY SERVICES

Company KERR McGEE OIL AND GAS

Well UPRR 41 PAN AM H #1

Field WATTENBERG

County WELD

State CO