



WARRIOR
ENERGY SERVICES

**RADIAL CEMENT BOND
GAMMA RAY
CCL**

Company KERR MCGEE OIL AND GAS
Well RUSSELL TOM L "C" TRUE #1
Field WATTENBERG
County WELD State CO

Location: API # : 05-123-11333

Other Services

Company KERR MCGEE OIL AND GAS
Well RUSSELL TOM L "C" TRUE #1
Field WATTENBERG
County WELD
State CO

SHL:1200' FSL 990' FEL SE/SE
SEC 30 TWP 2N RGE 67W

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

Elevation 5006'
K.B. 5022'
D.F. 5021'
G.L. 5006'

Date 8-14-2014

Run Number ONE
Depth Driller 8240'
Depth Logger 6084'
Bottom Logged Interval 6081'
Top Log Interval SURFACE
Open Hole Size 7.875
Type Fluid WATER
Density / Viscosity 1.0
Max. Recorded Temp. 193
Estimated Cement Top 4880'
Time Well Ready N/A
Time Logger on Bottom N/A
Equipment Number 4310
Location GREELEY
Recorded By A.STEERMAN
Witnessed By R.SMITH

Borehole Record
Run Number Bit From To Size Weight From To

Casing Record
Surface String 9.63 Wgt/Ft 36# Top SURFACE Bottom 961'
Prot. String
Production String 4.5 10.5#11.6# SURFACE 8237'
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

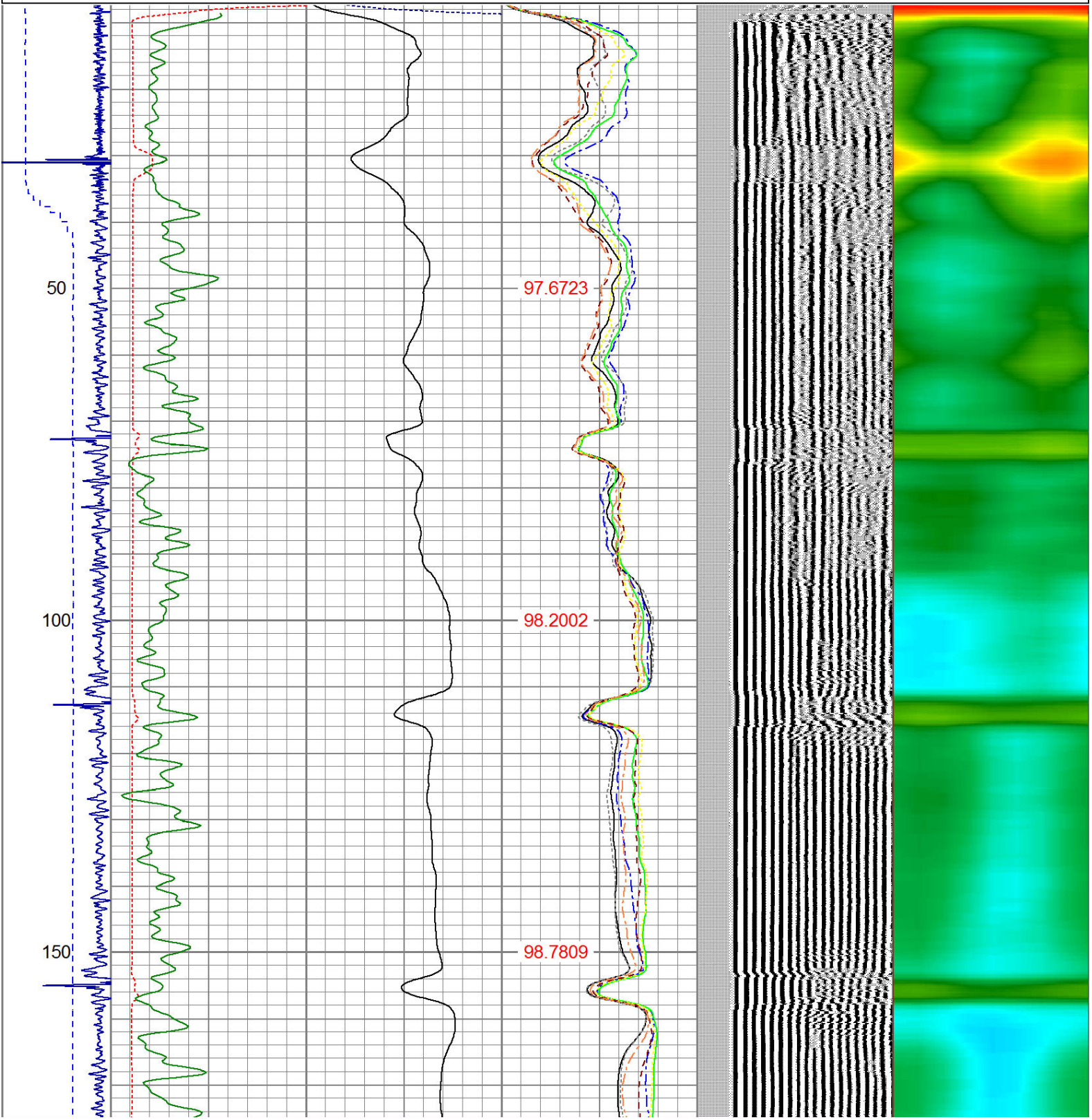
RAN CBL TO VERIFY CEMENT BOND
STACKED OUT AT 6084'

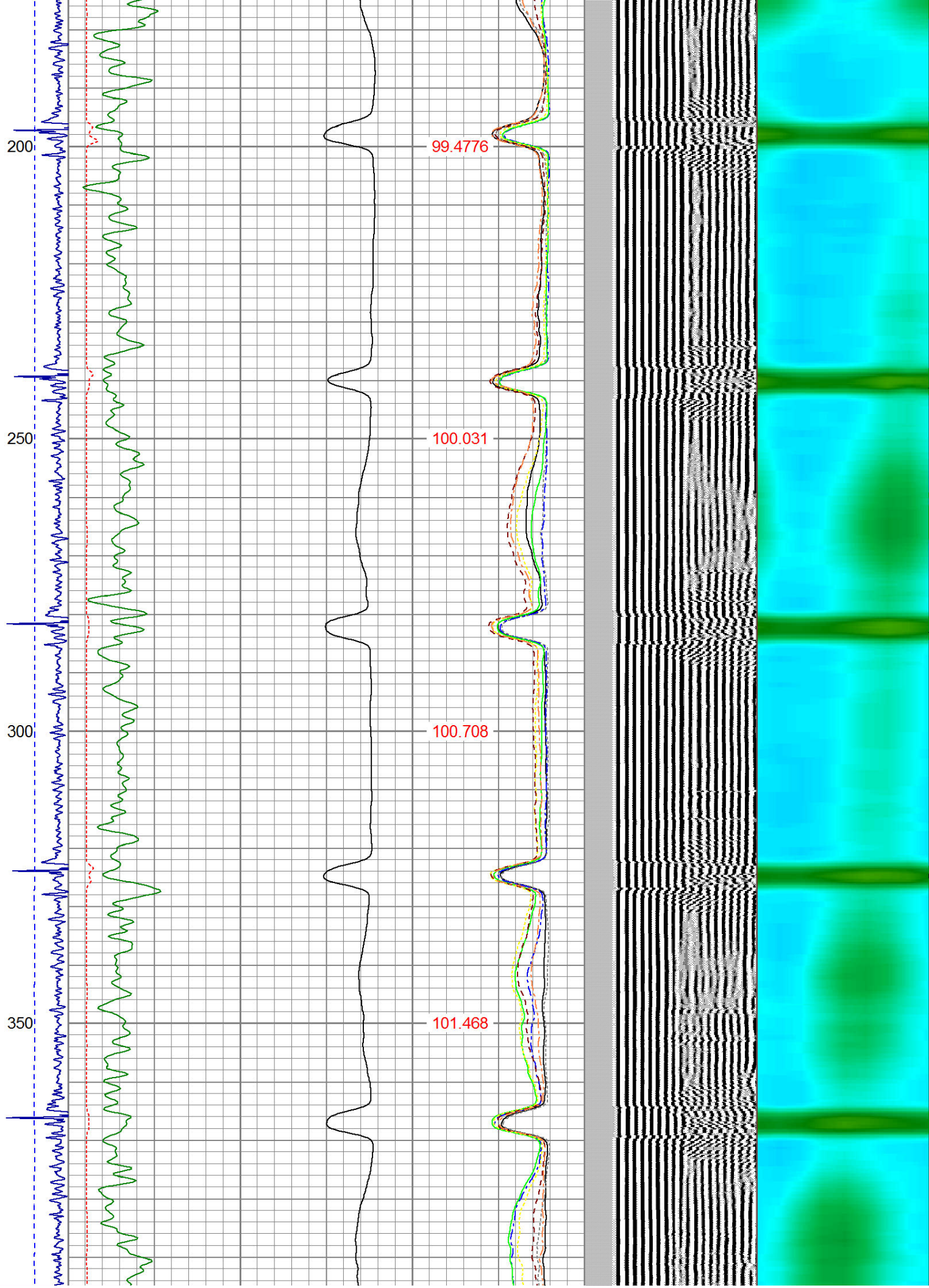
THANK YOU FOR USING WARRIOR !!!!!!!

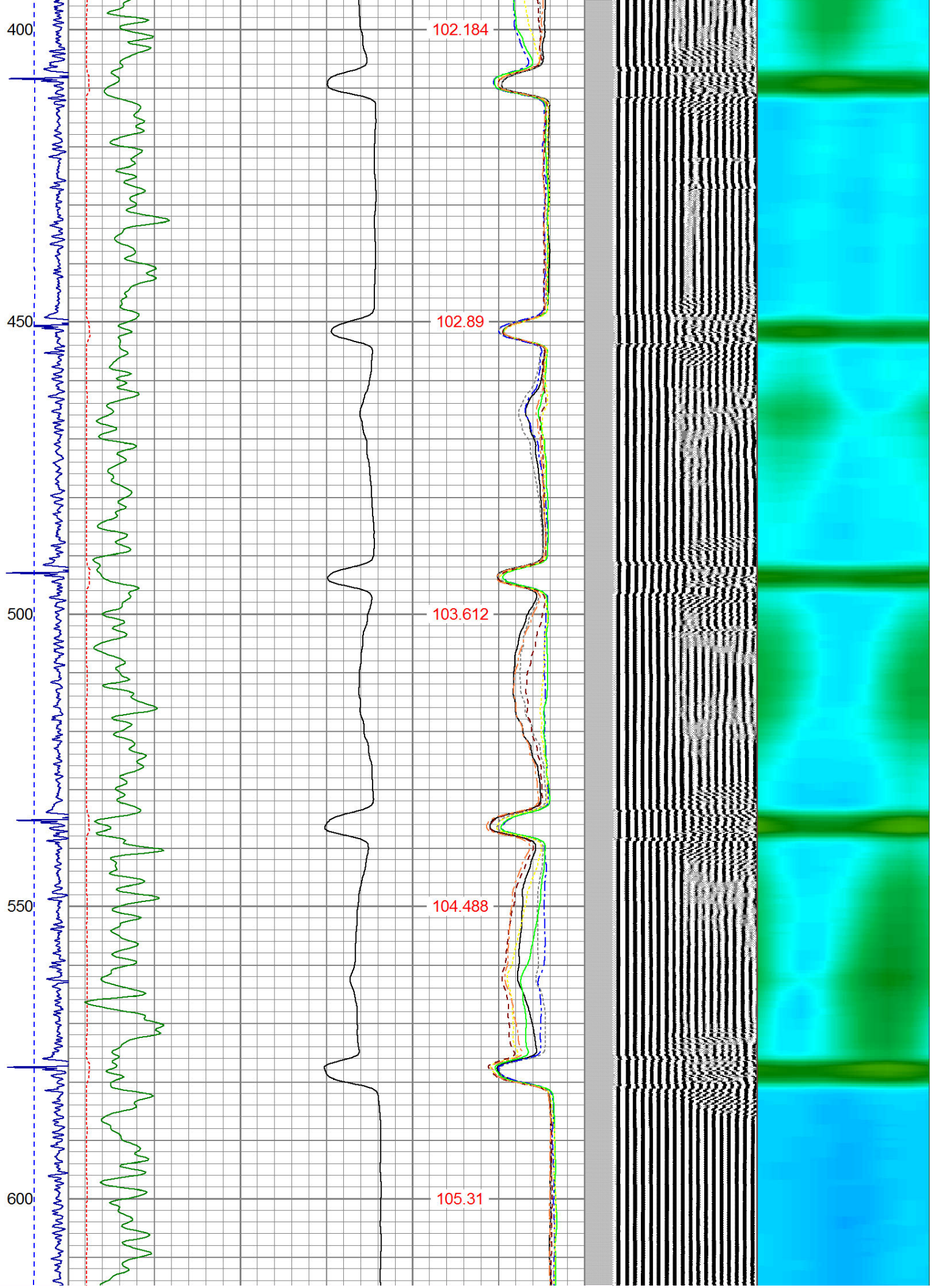
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)

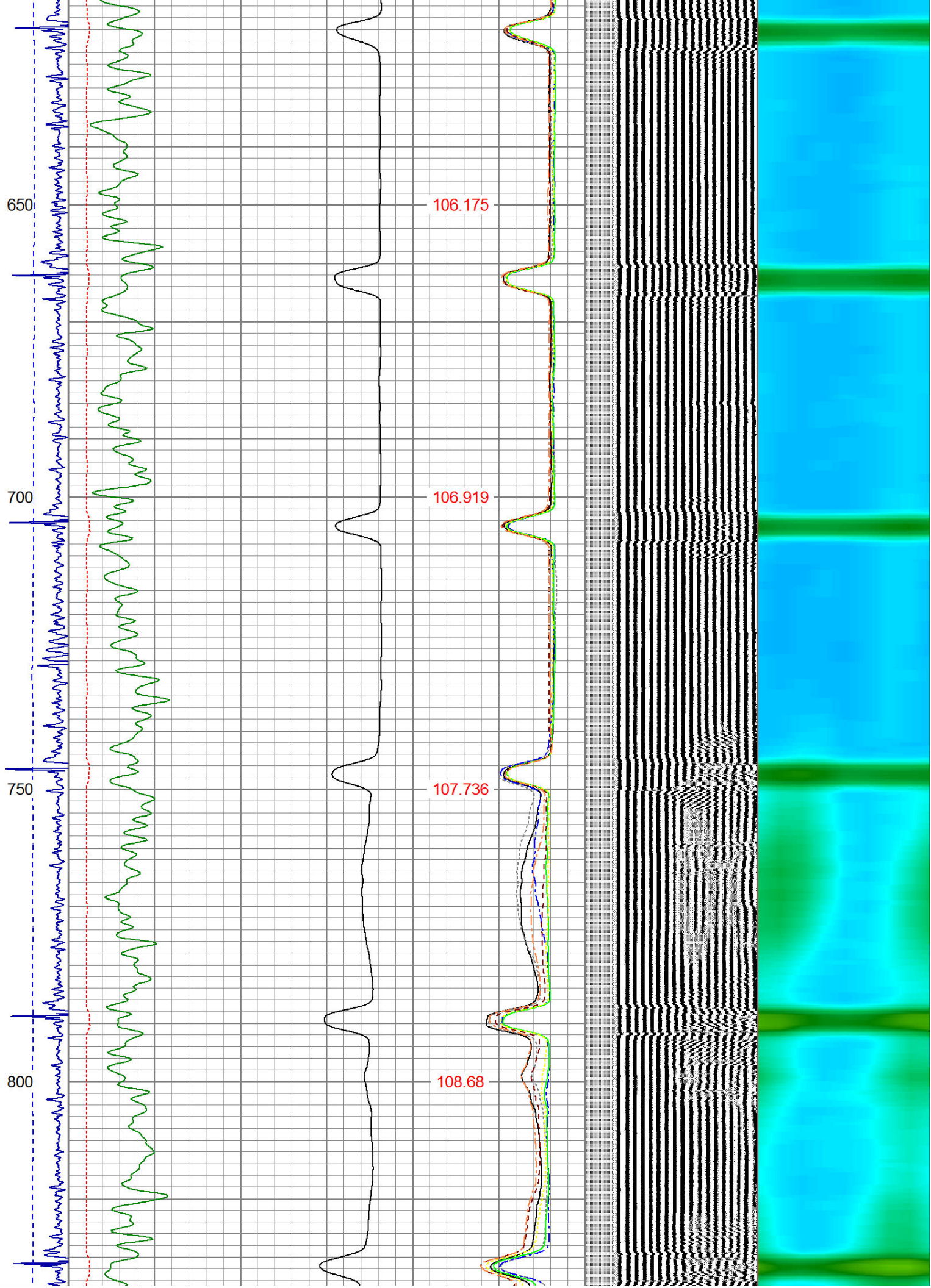
CNLSC	17.75		CNT-Probe_B (275) 6 bow centralizer	3.00	2.75	40.00
CNSSC	16.92					
HEADVOLT	16.08					
IntTemp	14.67					
WVFS3FT	11.42					
WVFCAL	11.42					
WVFS1	11.42					
WVFS2	11.42					
WVFS3	11.42					
WVFS4	11.42					
WVFS5	11.42					
WVFS6	11.42					
WVFS7	11.42					
WVFS8	11.42					
WVFS5FT	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: russell tom l c true 1.db: field/well/run1/pass10 Total Length: 19.08 ft Total Weight: 160.00 lb O.D. 2.75 in						

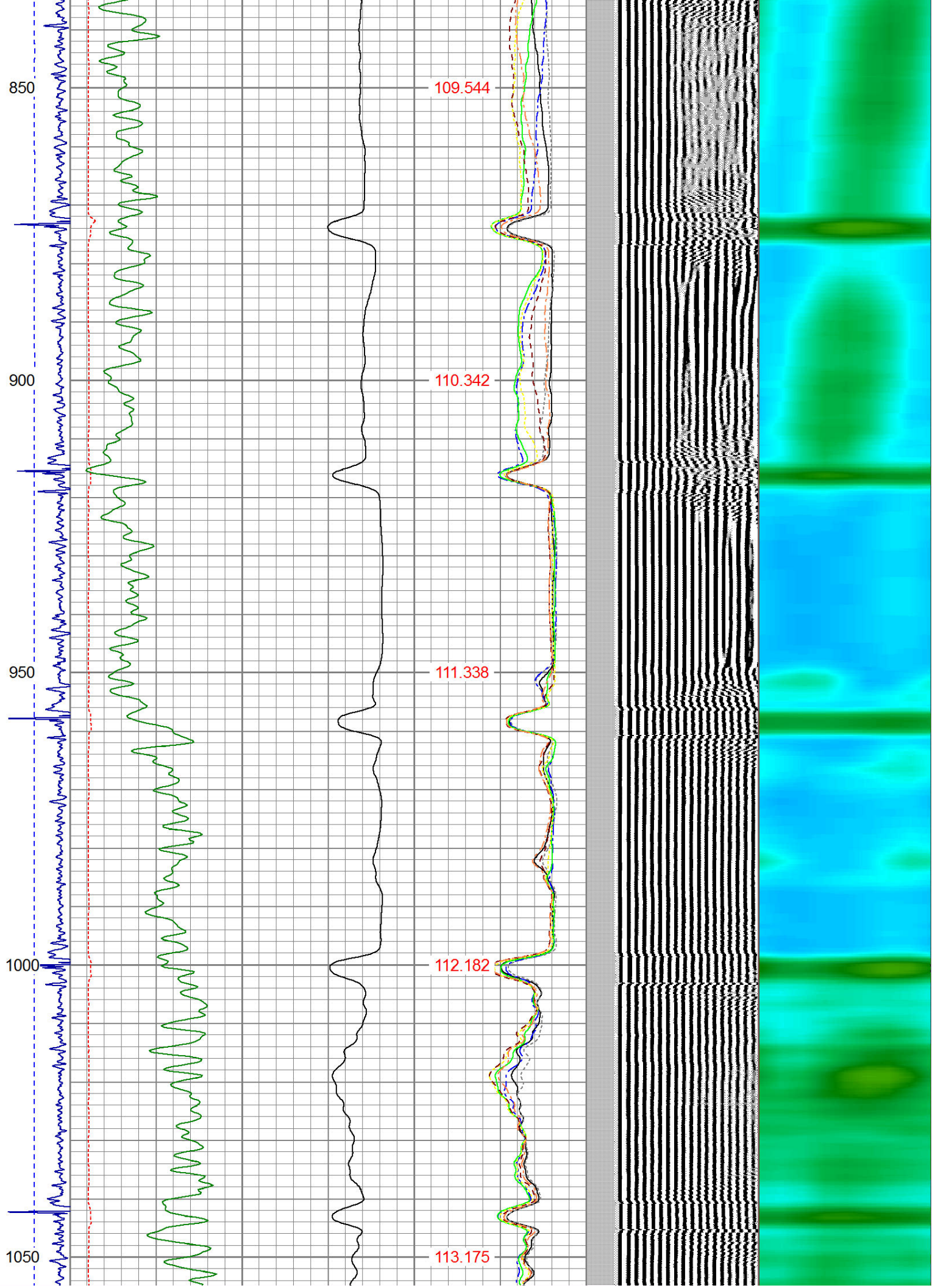
-9	CCL	1	200	TT (usec)	800	0	AMP (mV)	100	0	AMPS1	100	200	VDL	1200	1	Cement Map	8
LSPD			0	GR (GAPI)	200	0	AMPx5 (mV)	20	0	AMPS2	100				1		100
(ft/min)			200	GR (GAPI)	400				0	AMPS4	100						
0		250							0	AMPS5	100						
									0	AMPS6	100						
									0	AMPS7	100						
									0	AMPS8	100						
									IntTemp								
									(degF)								

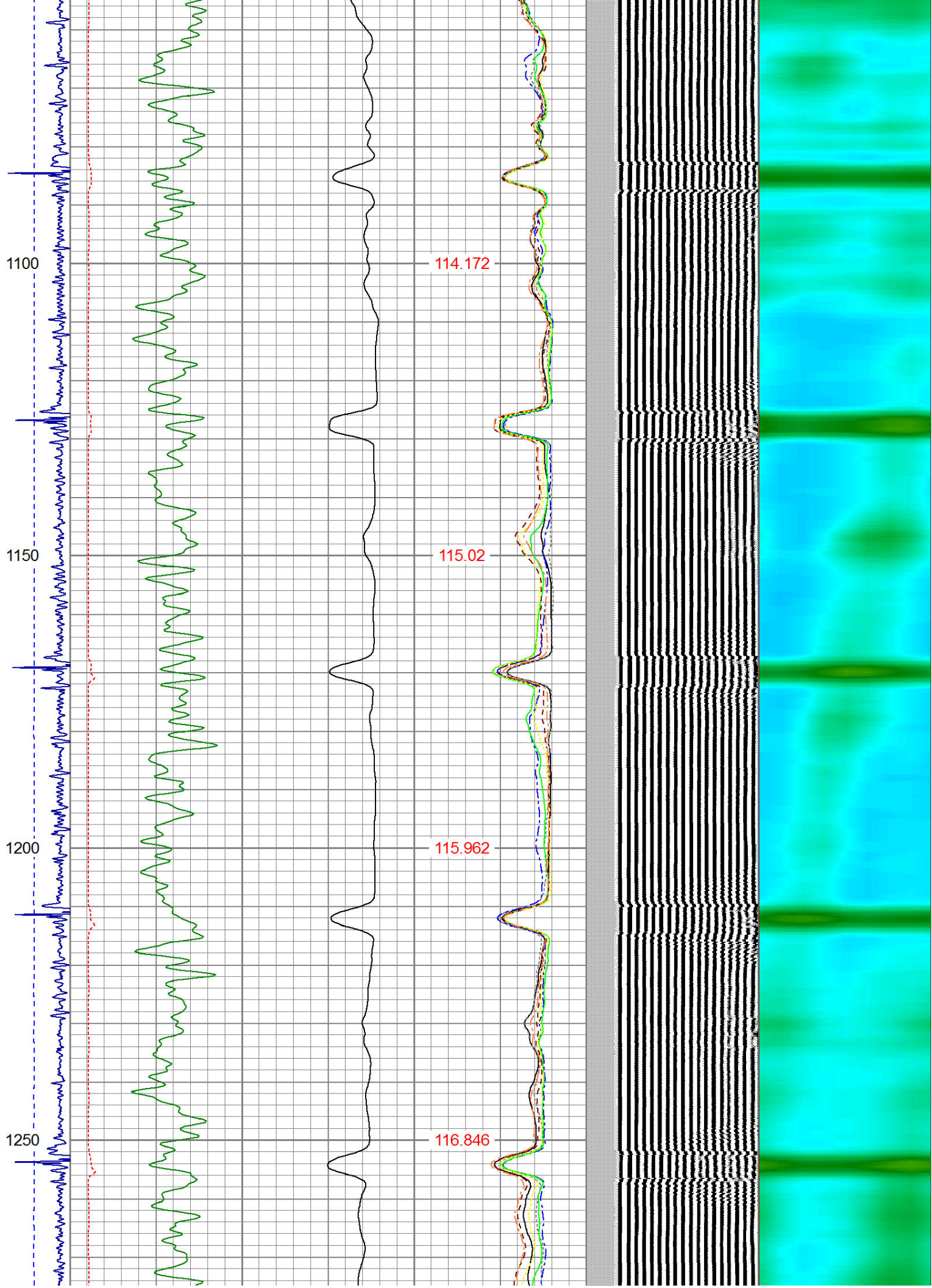


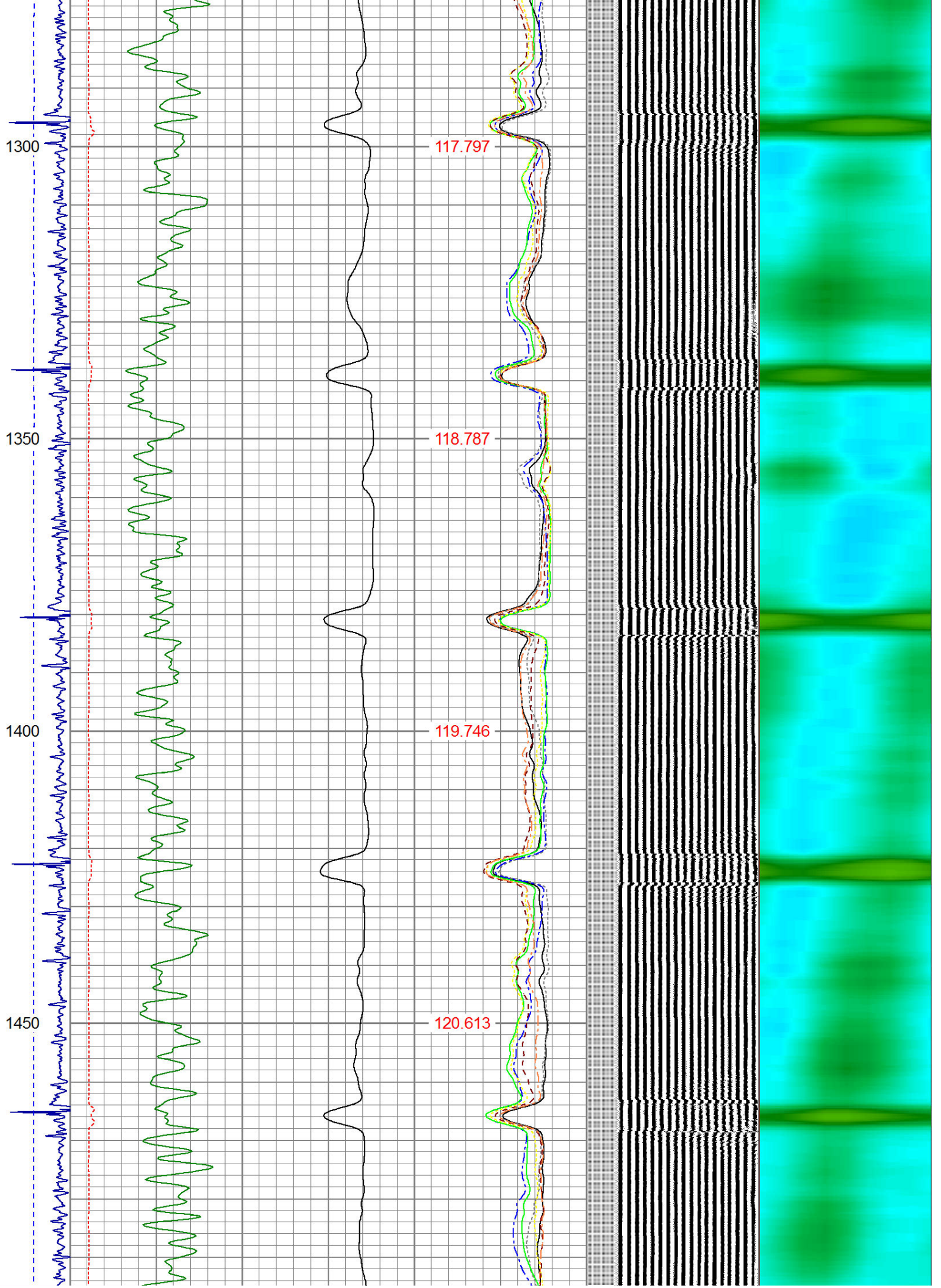


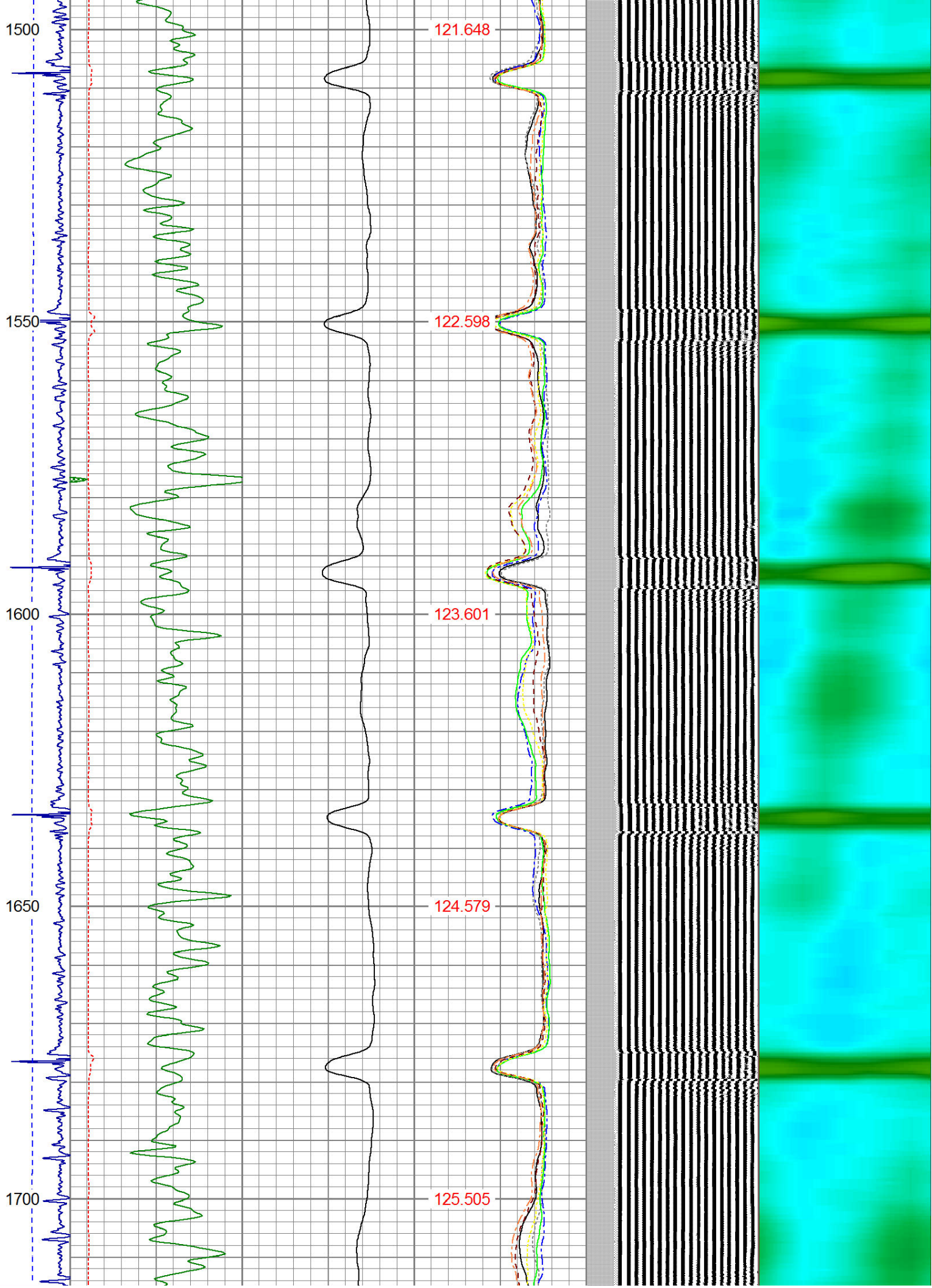


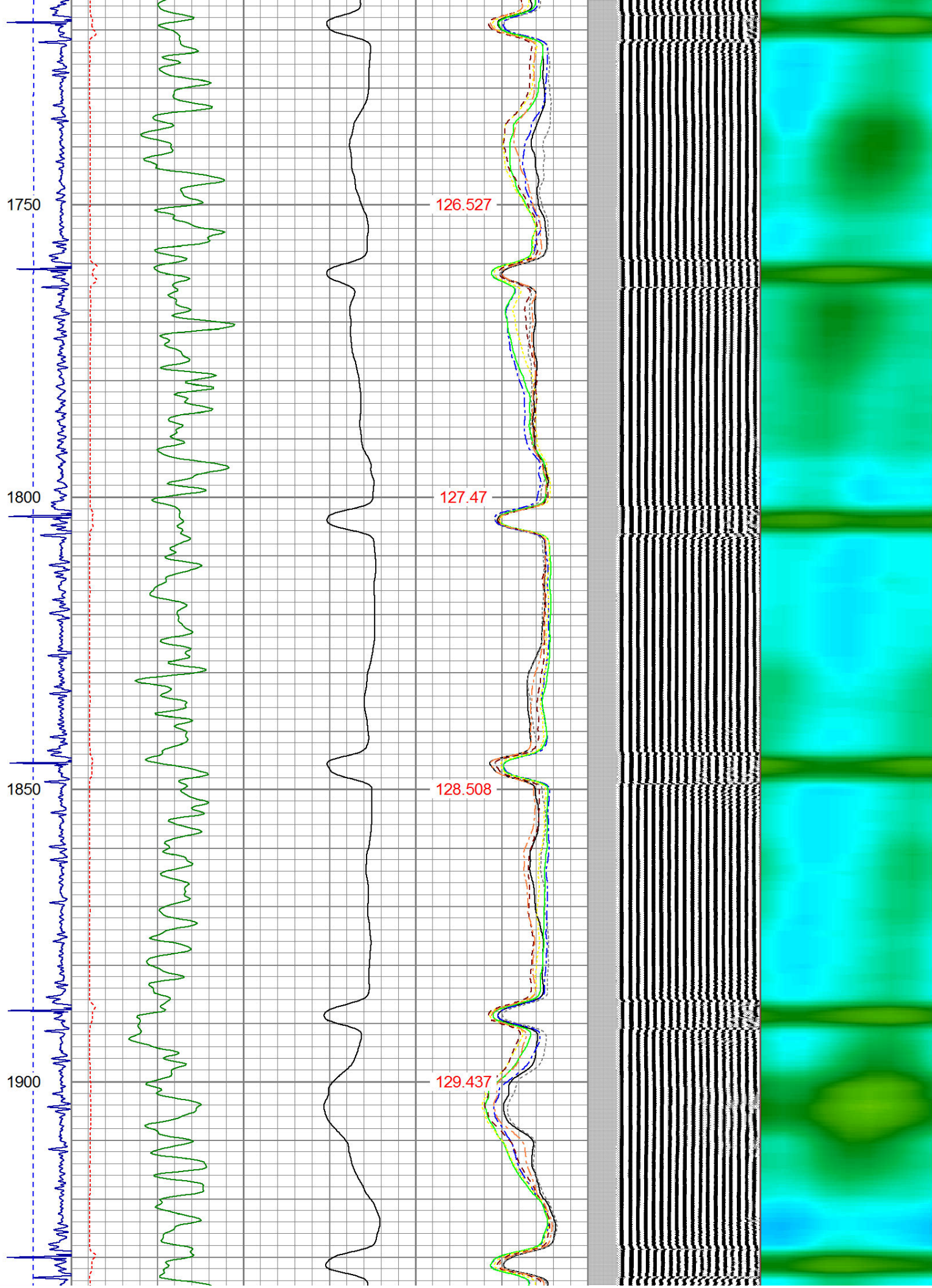


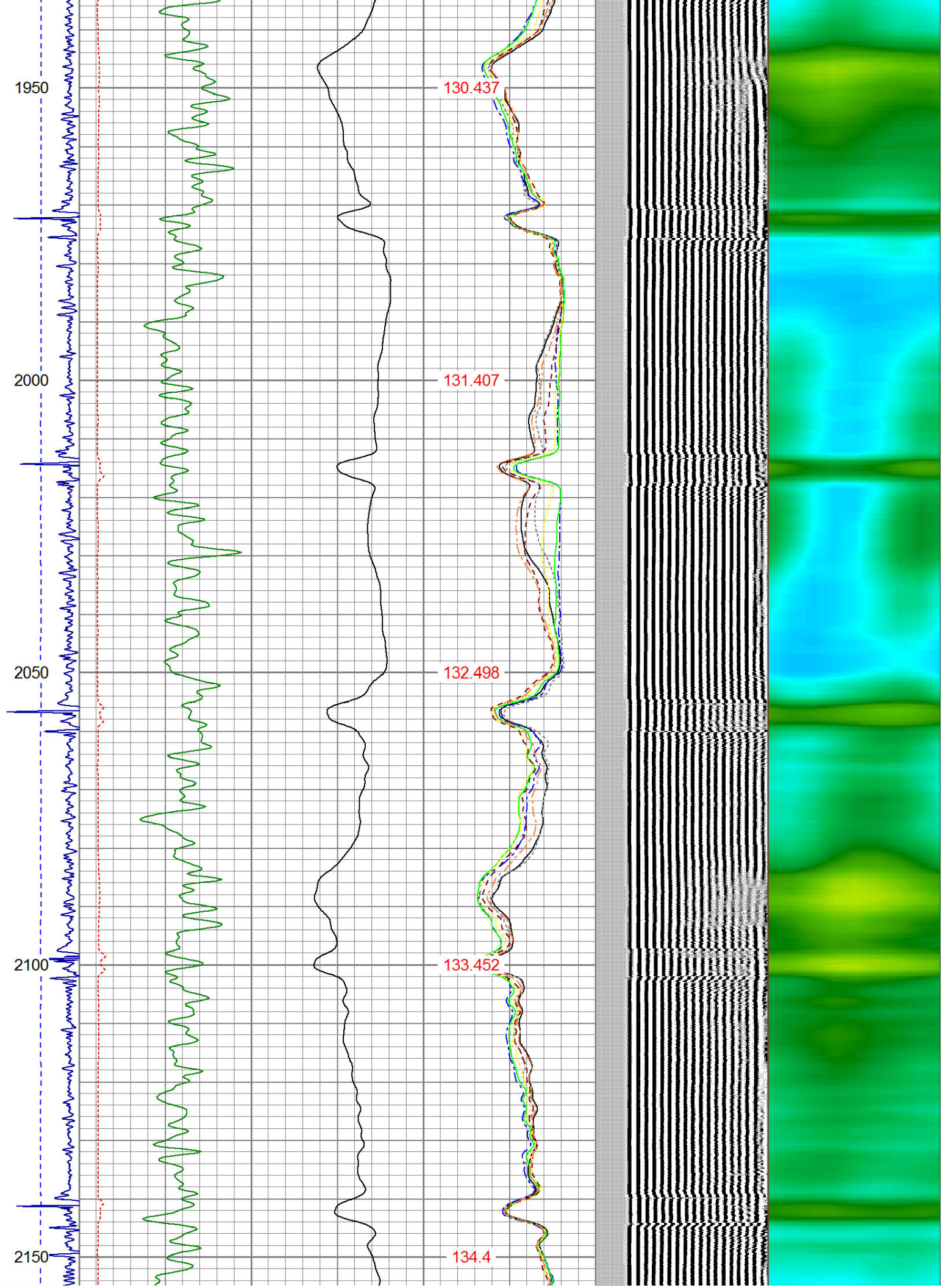


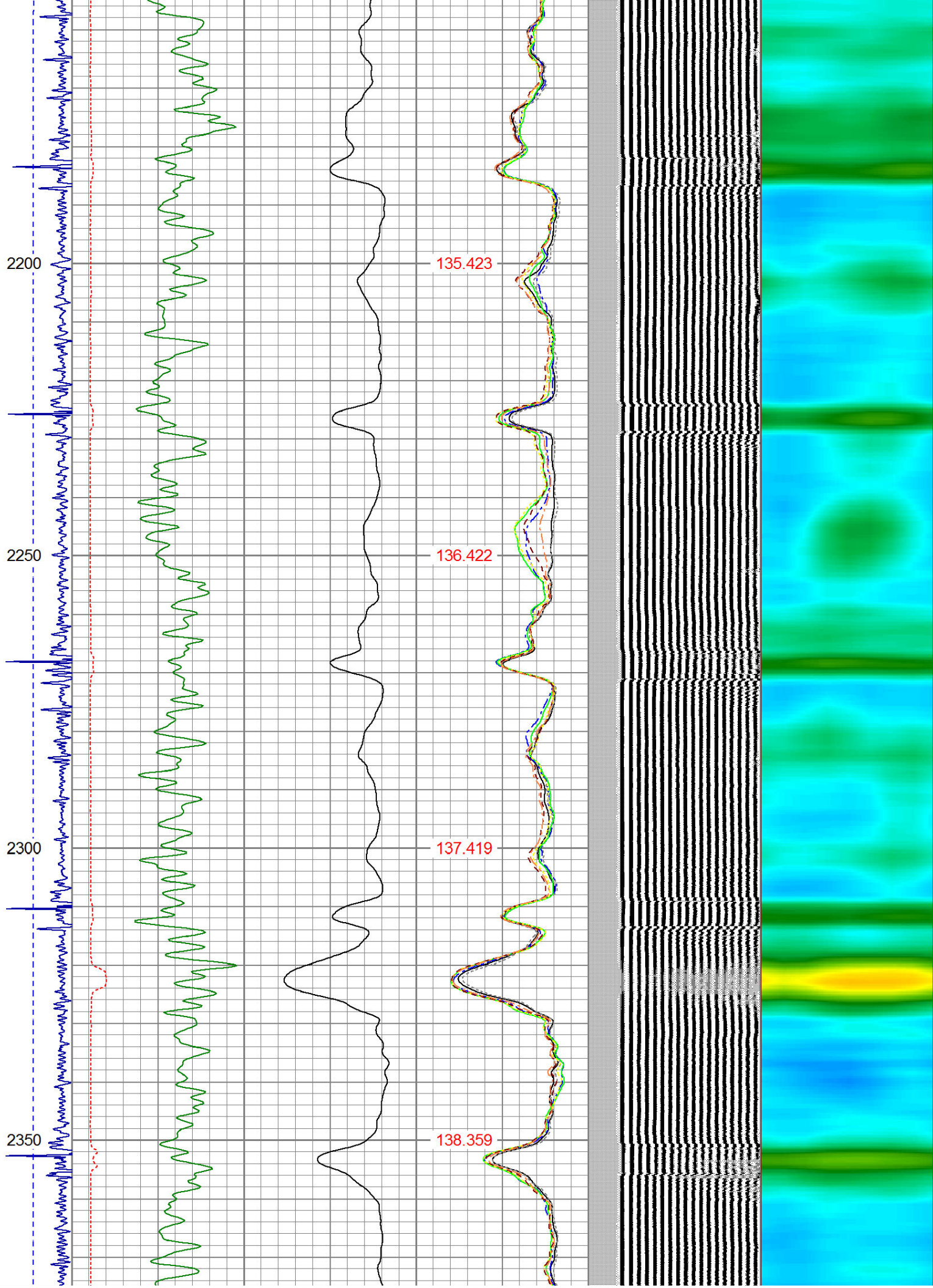


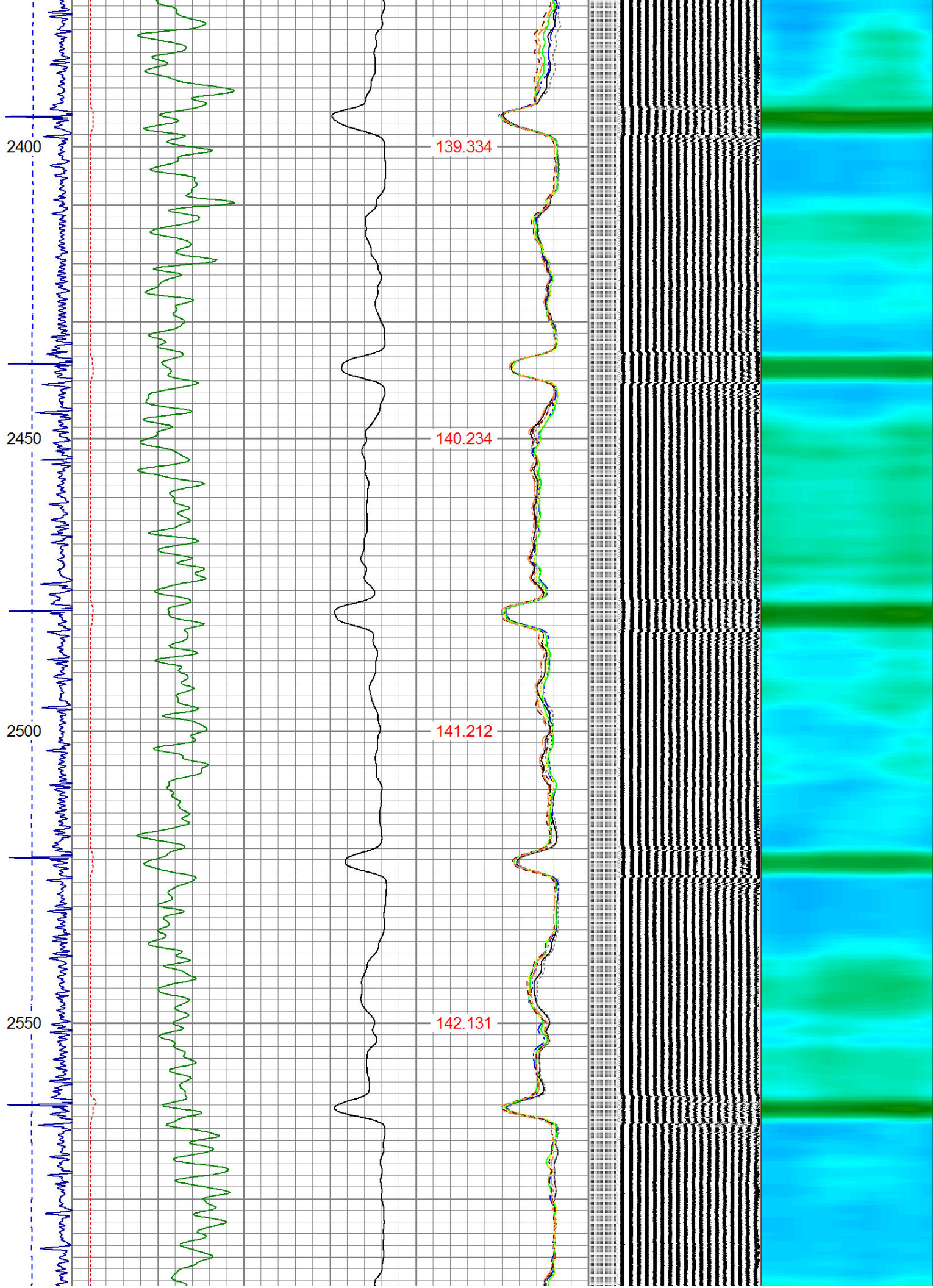


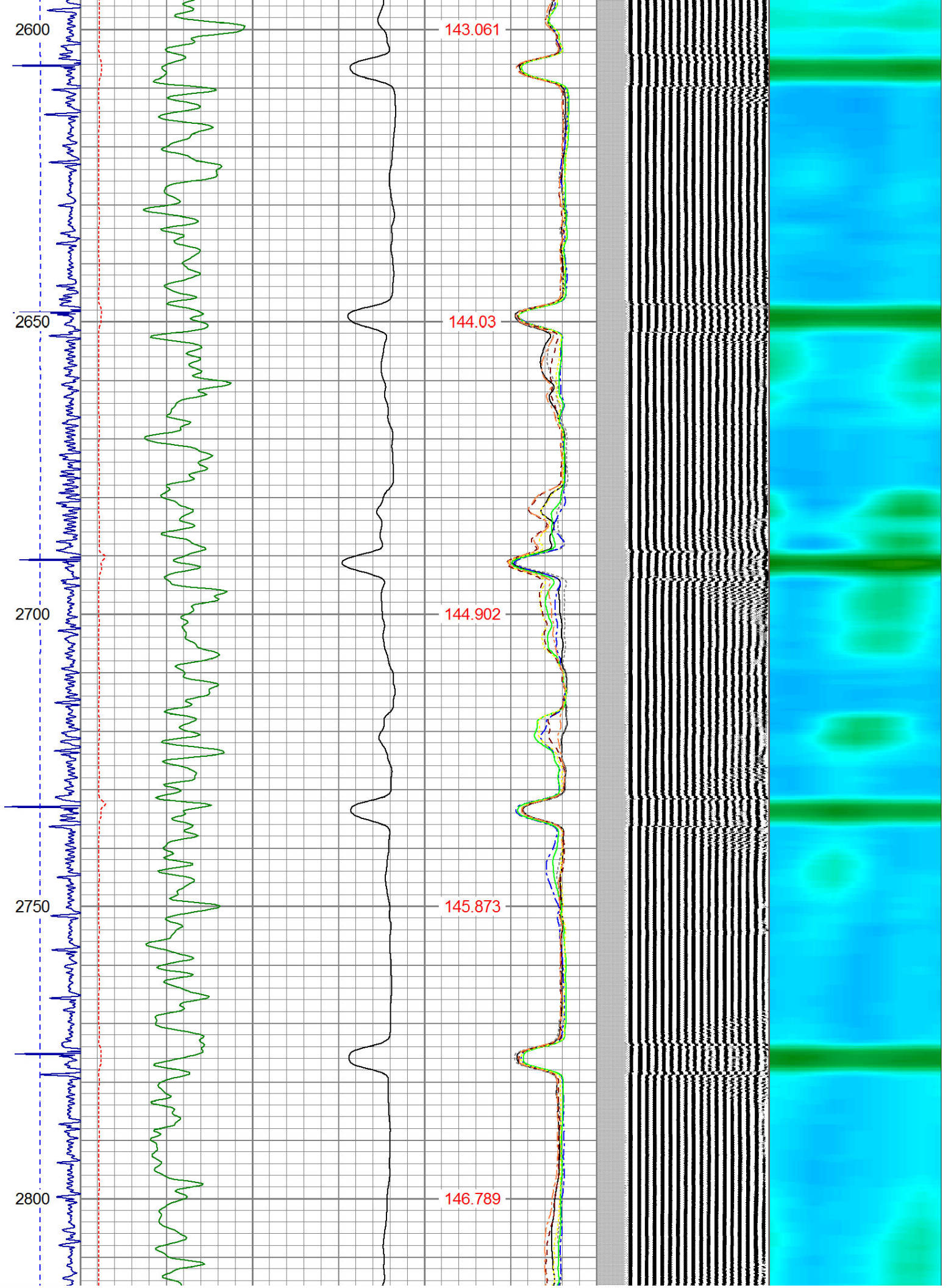


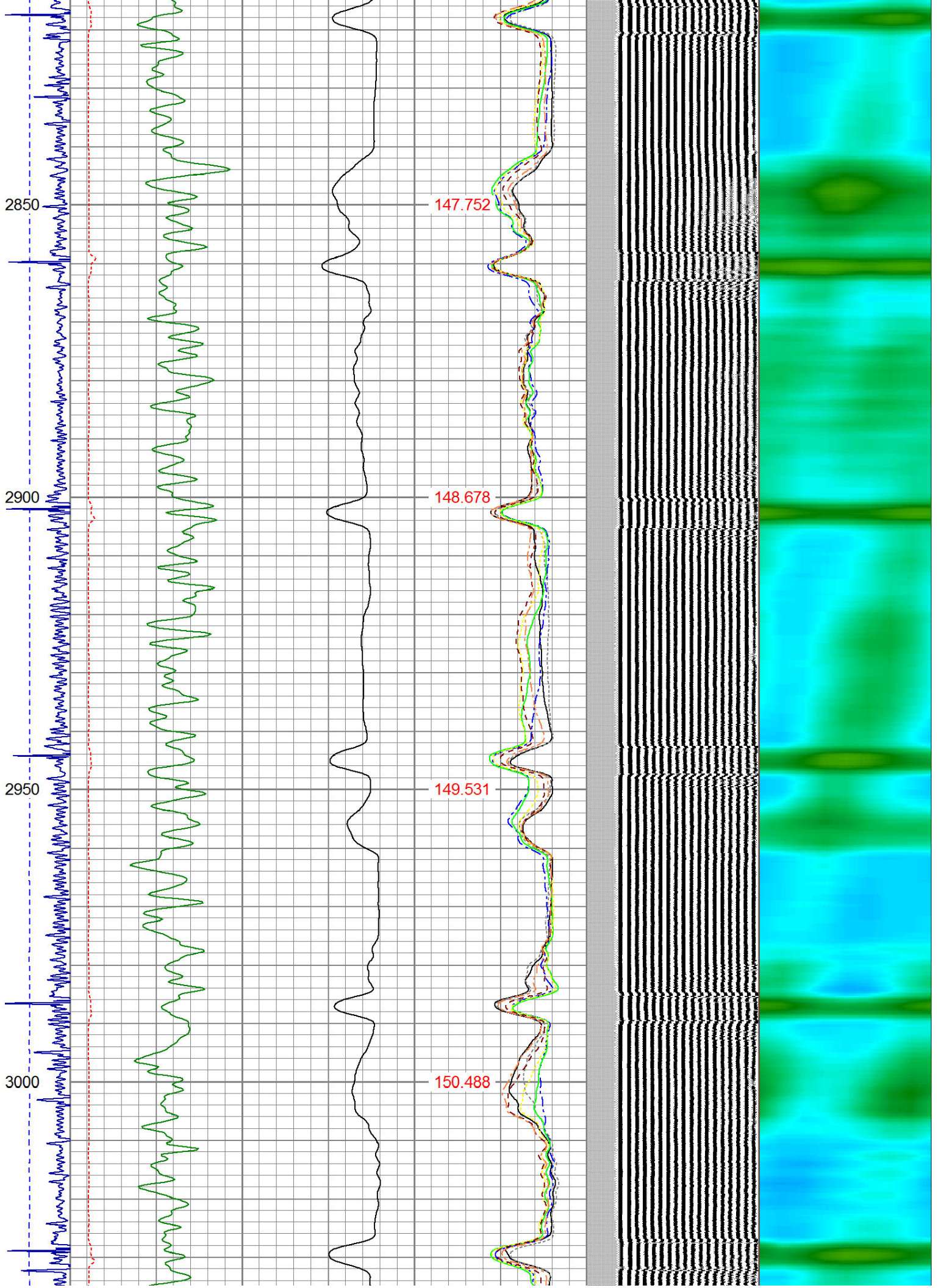


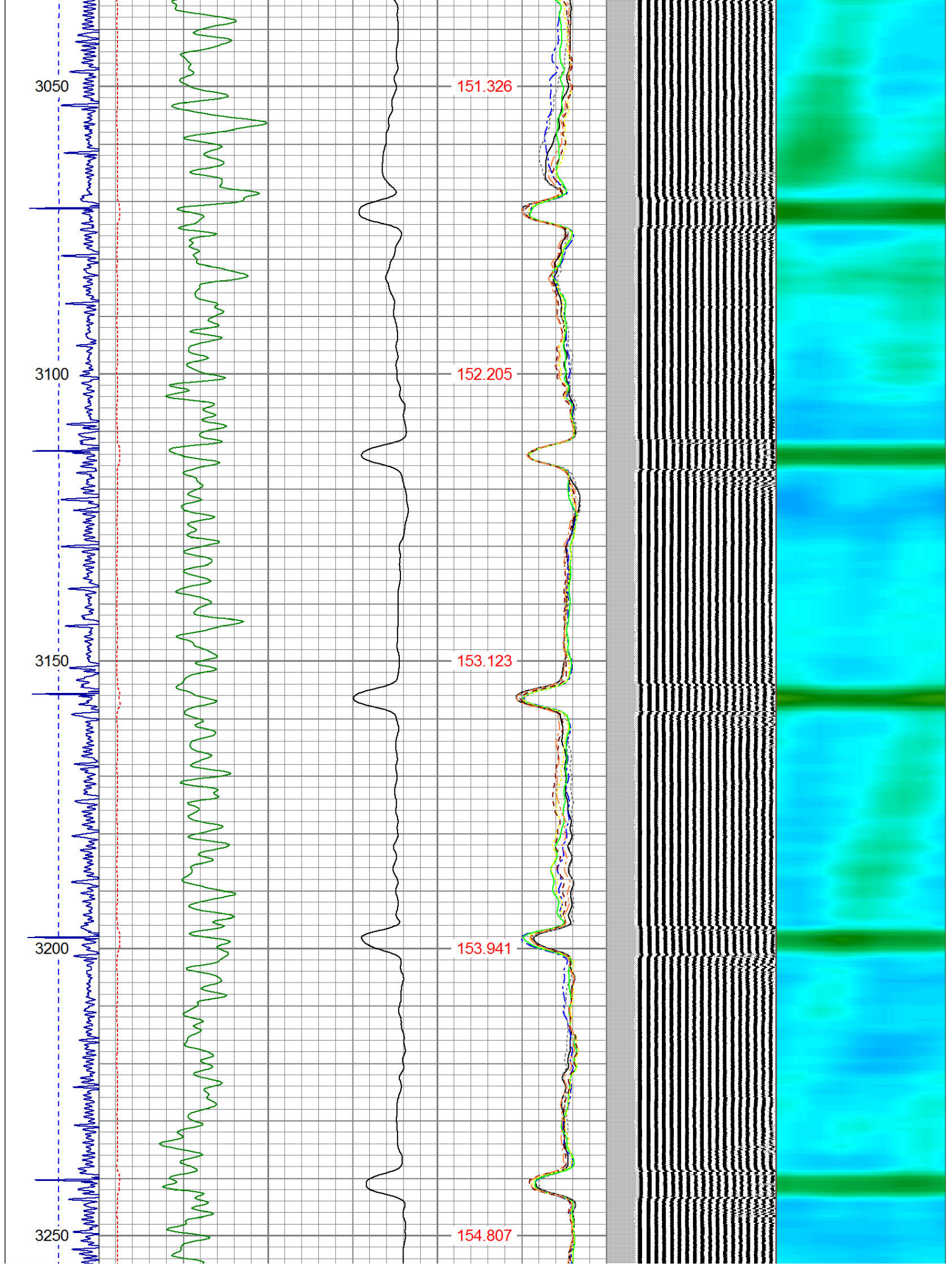


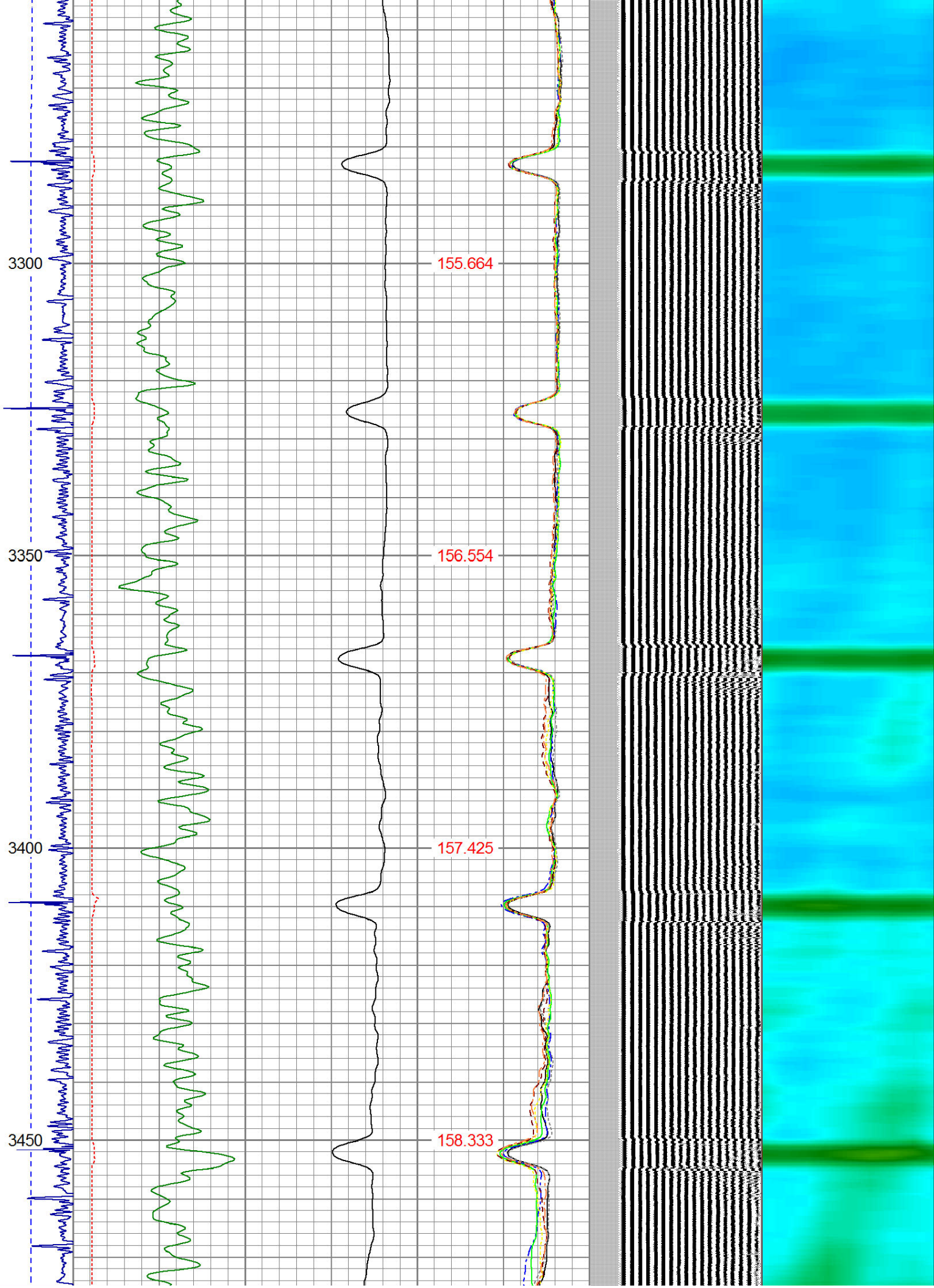


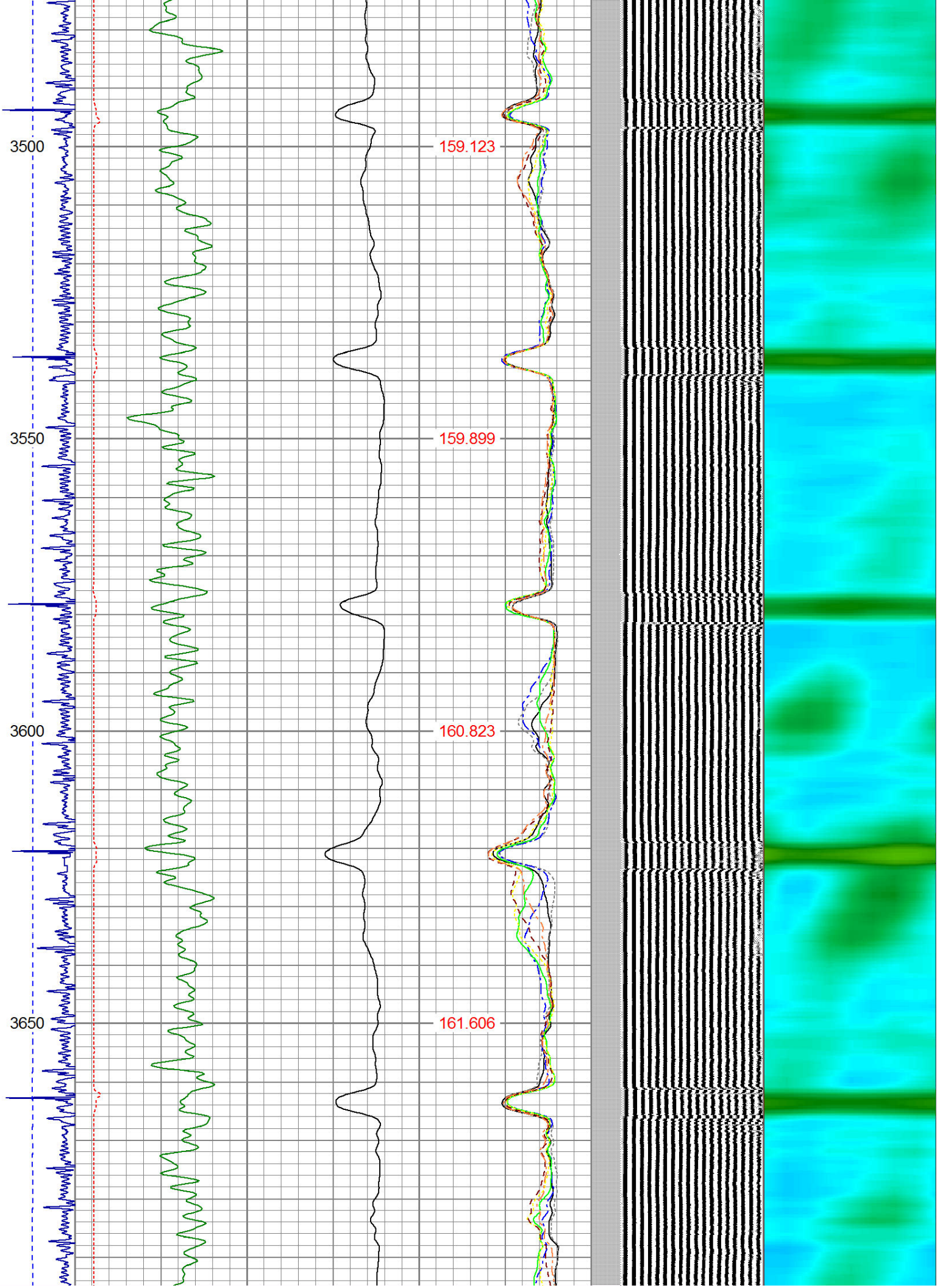


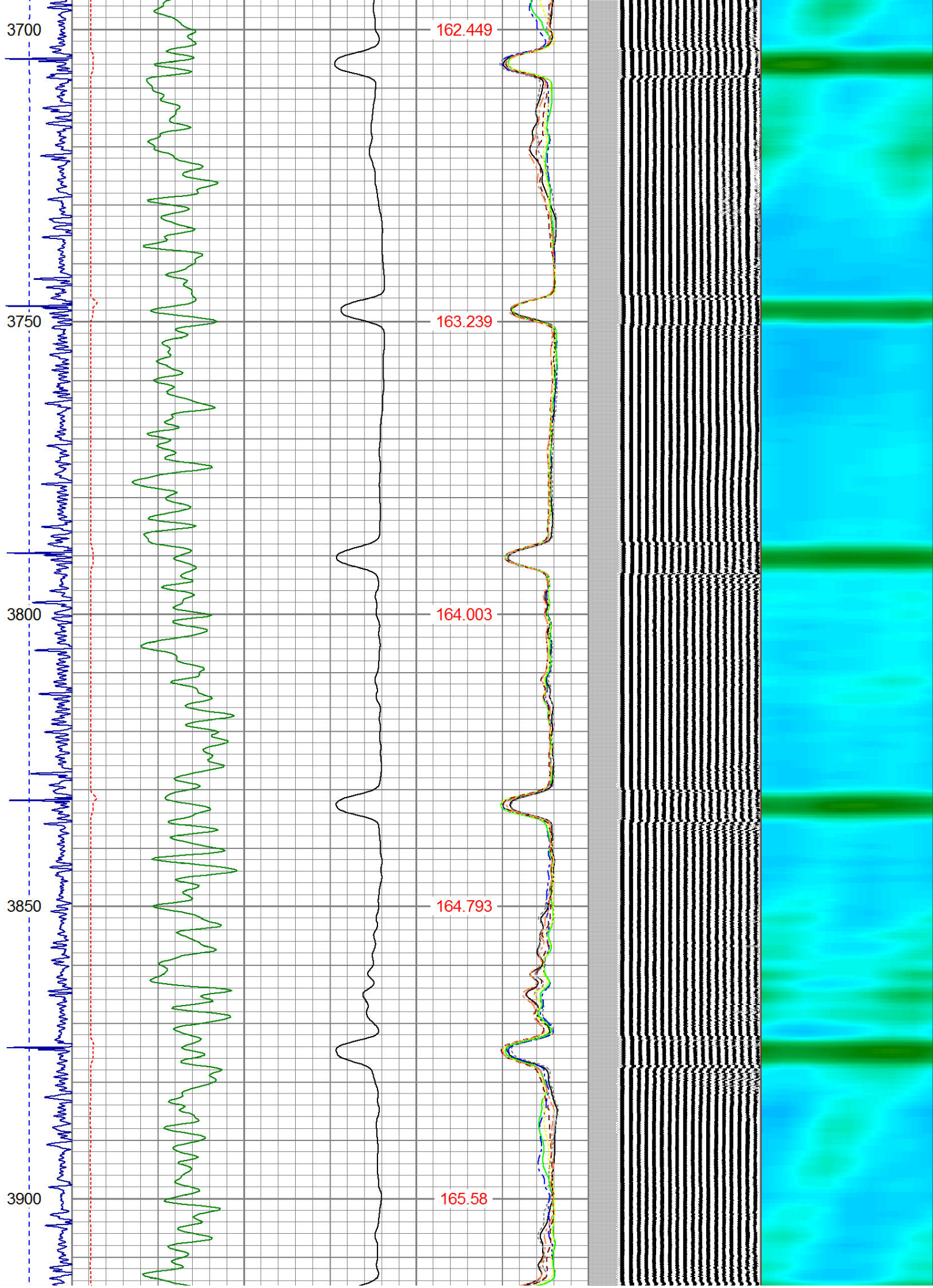


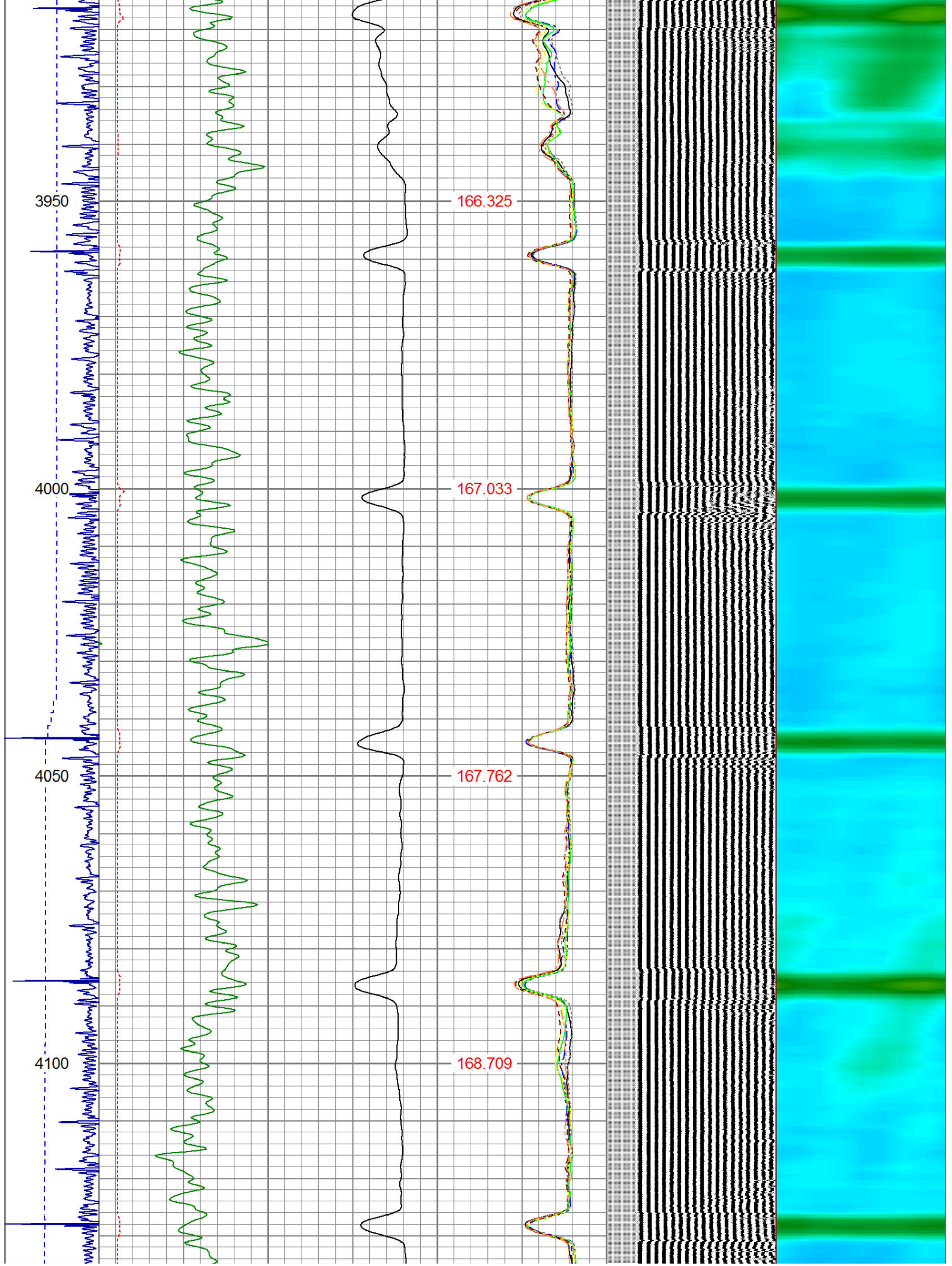


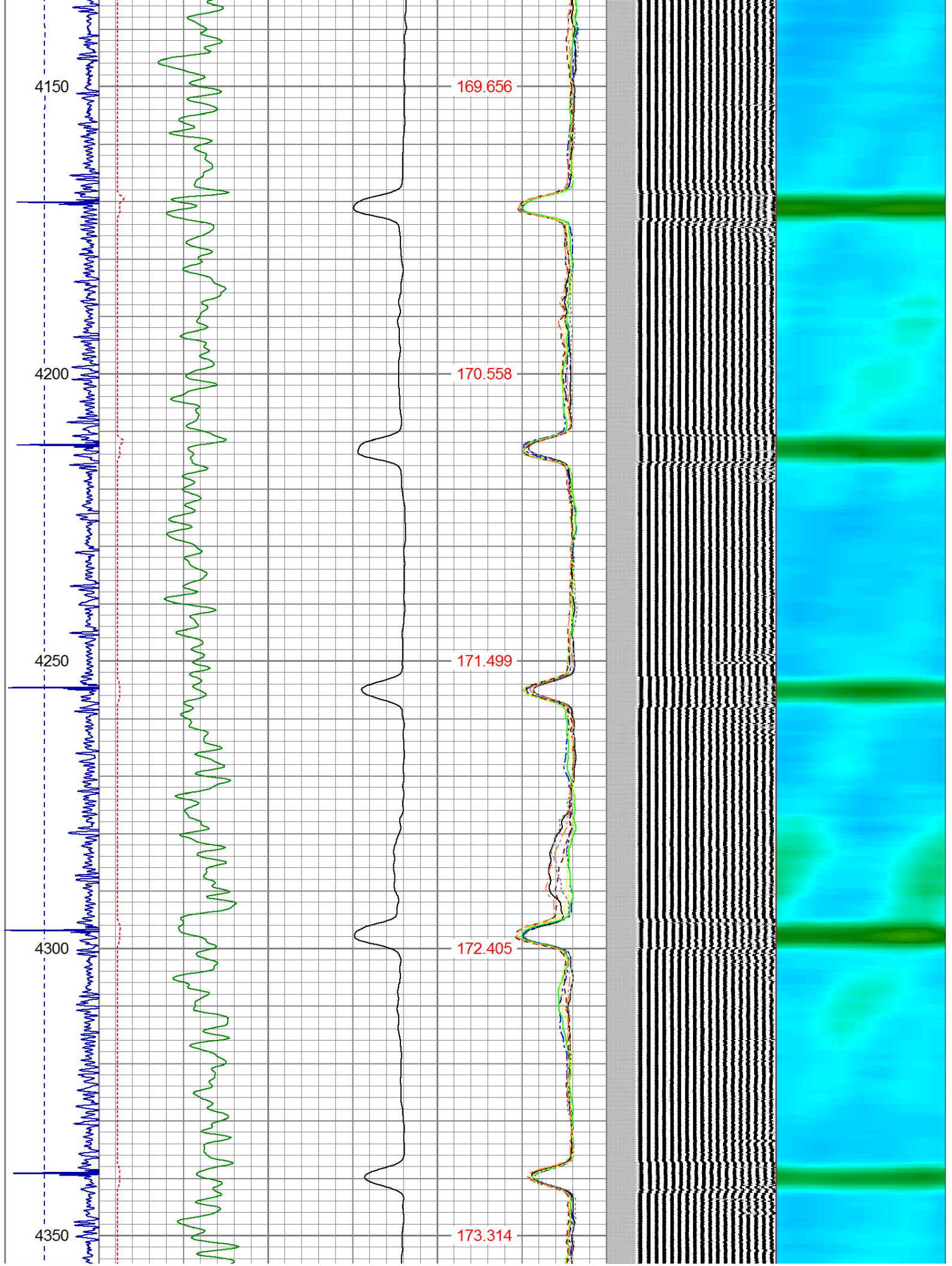


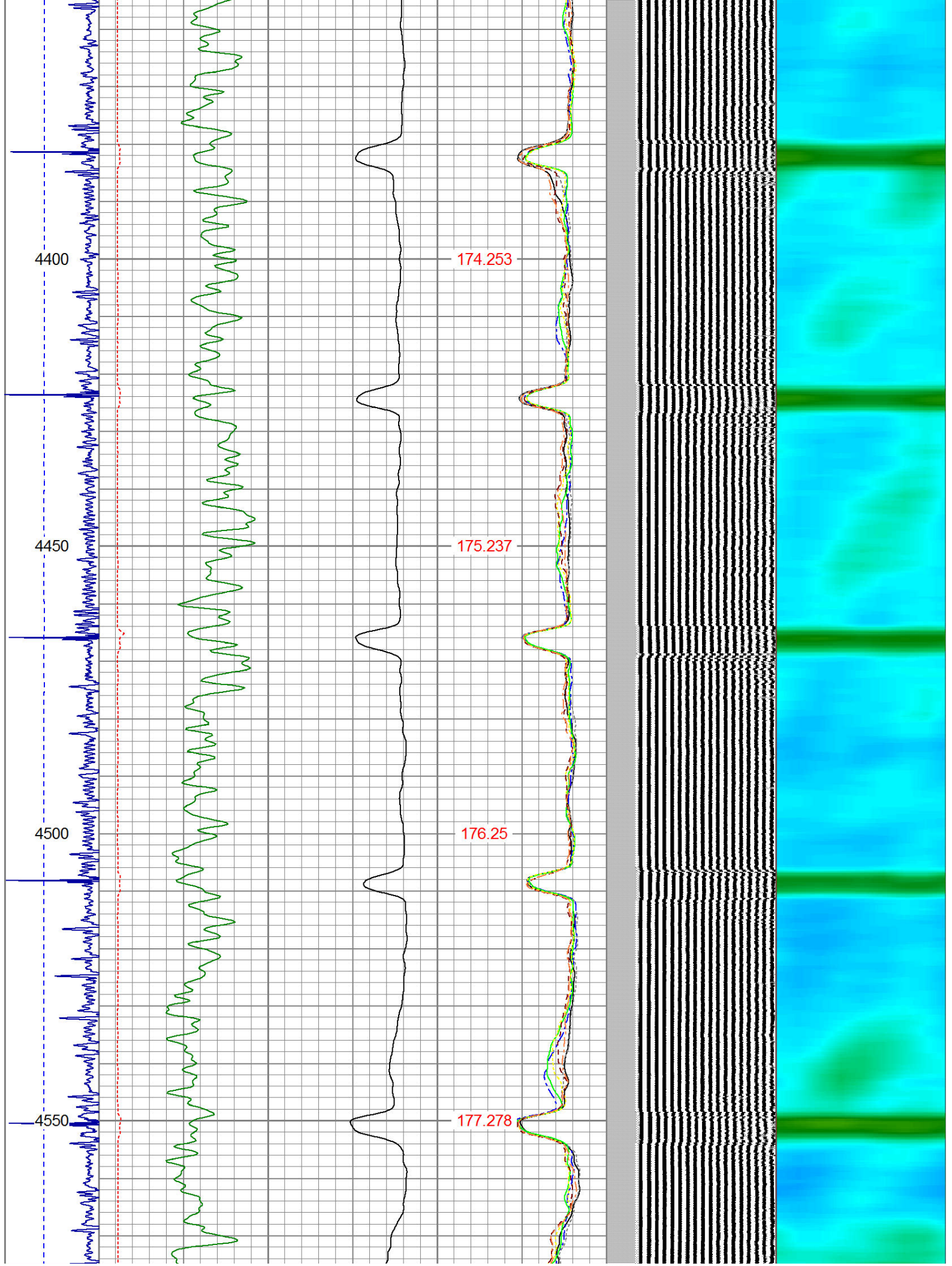


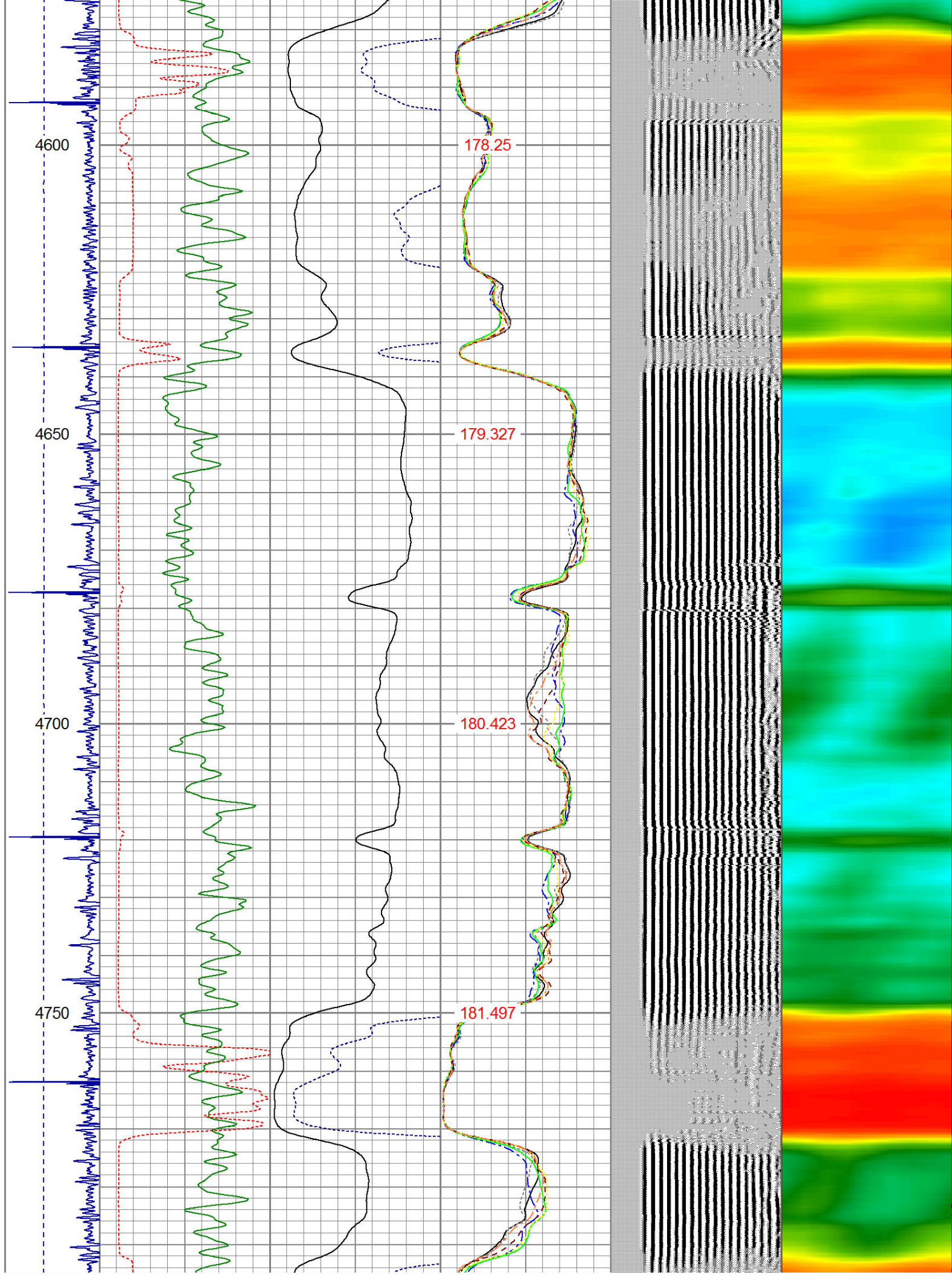


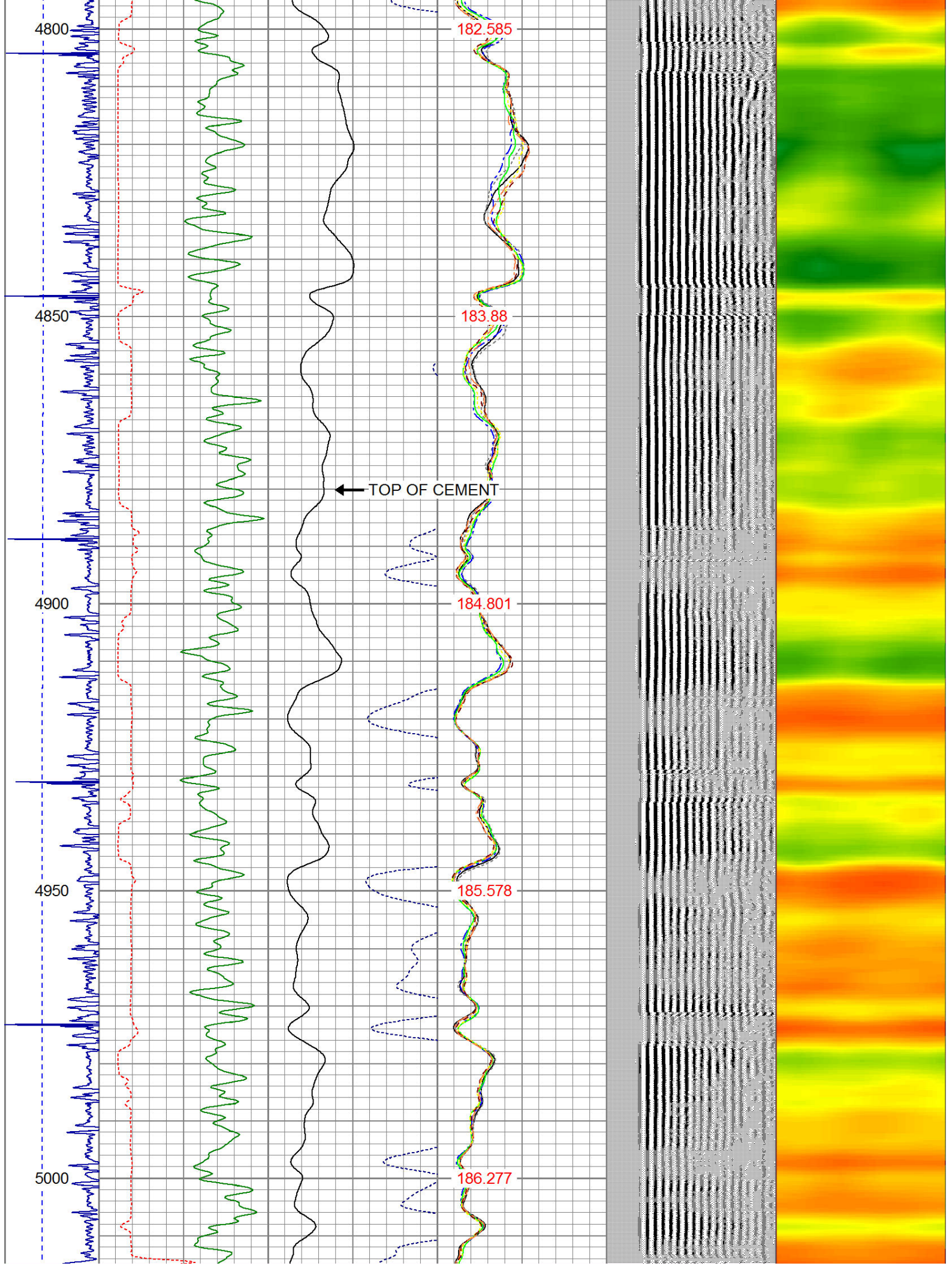


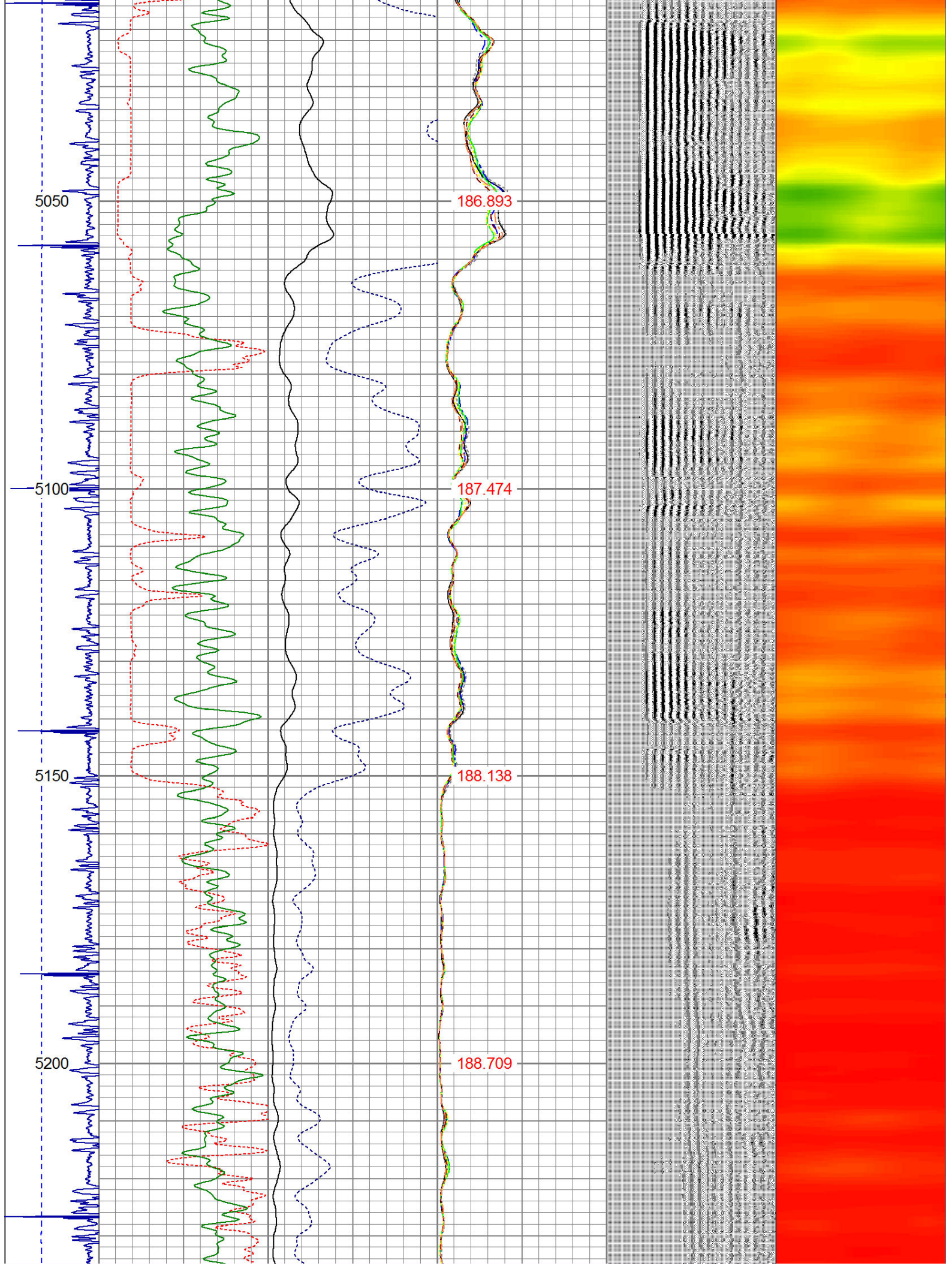


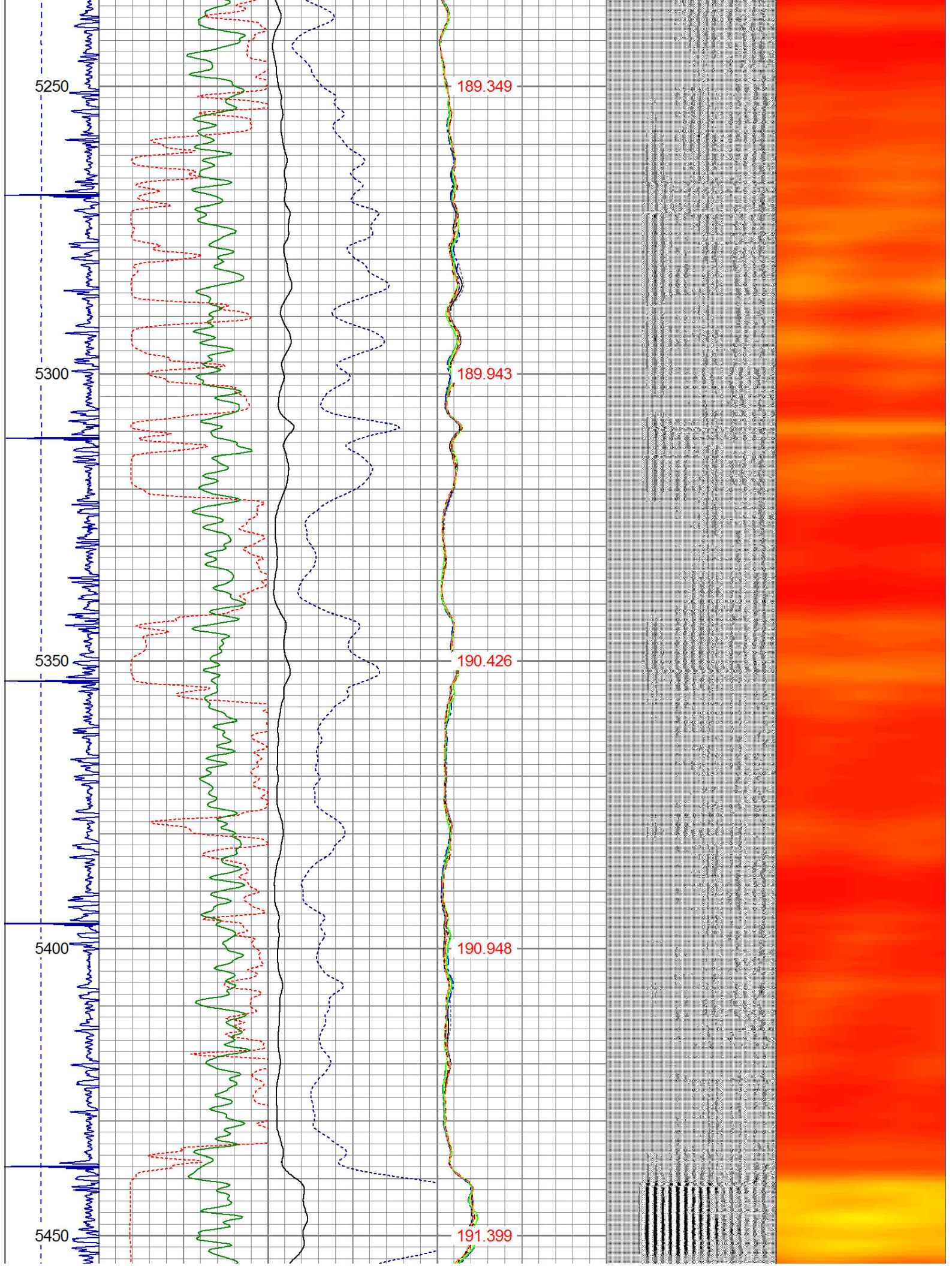


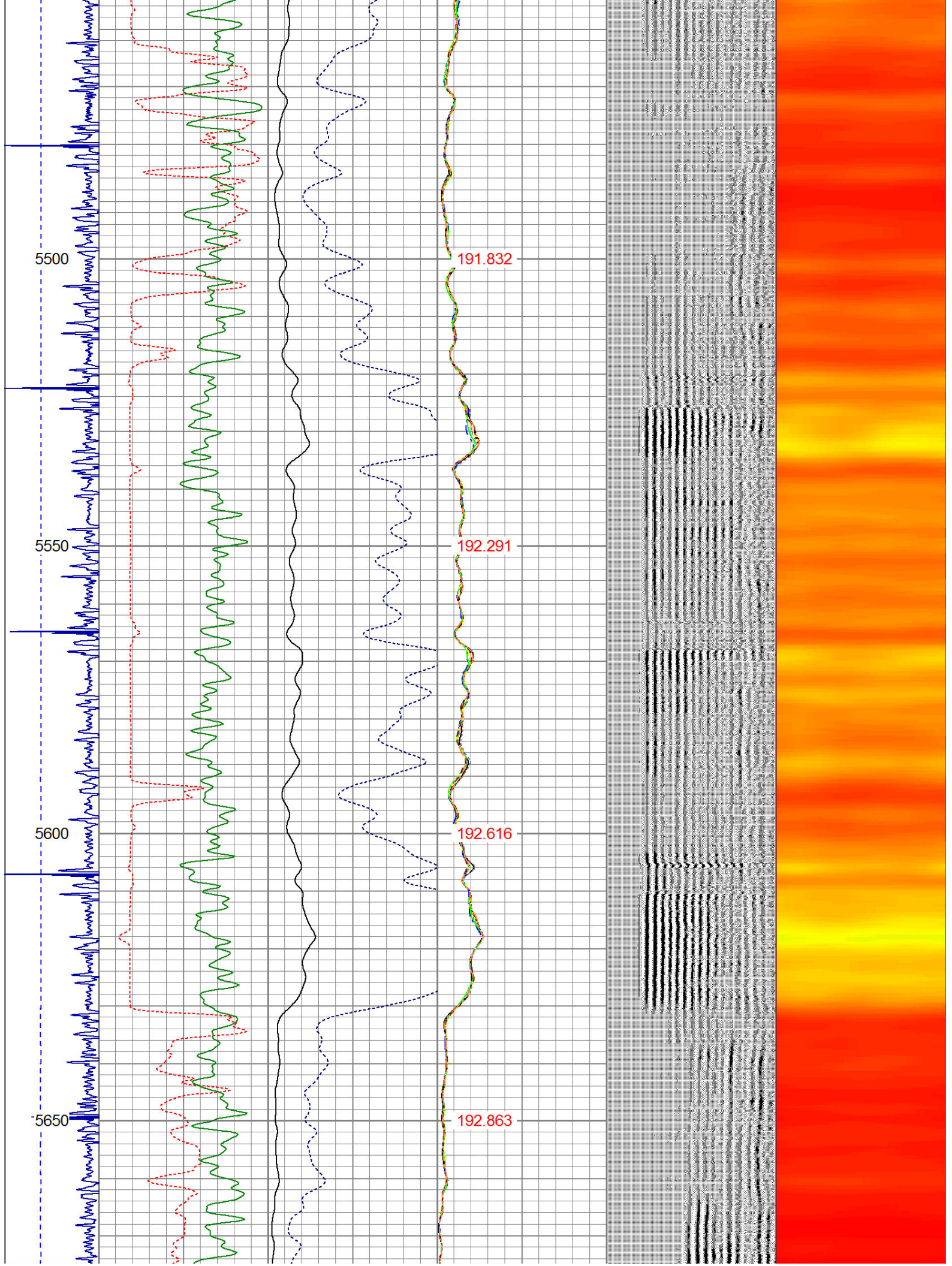


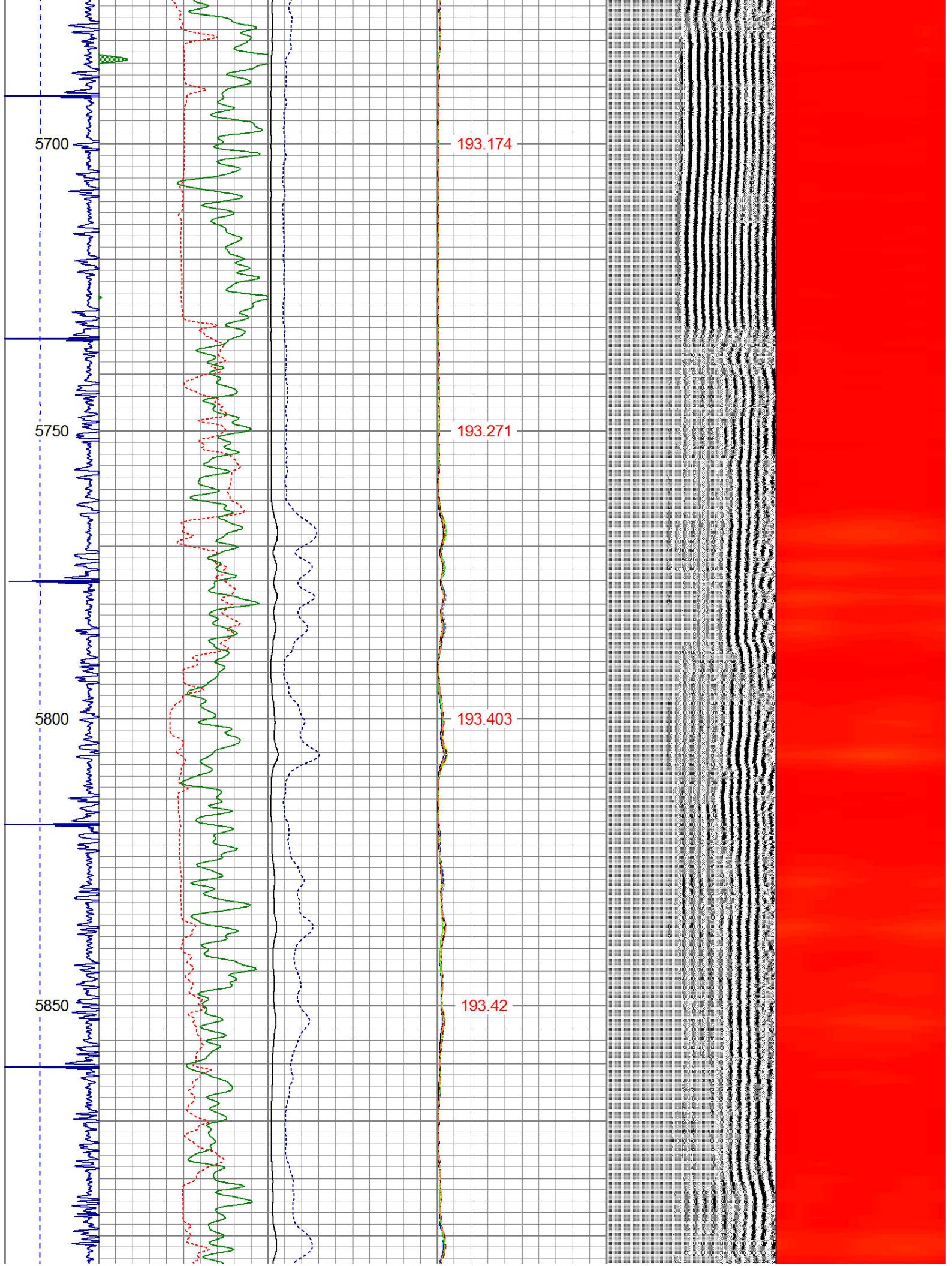


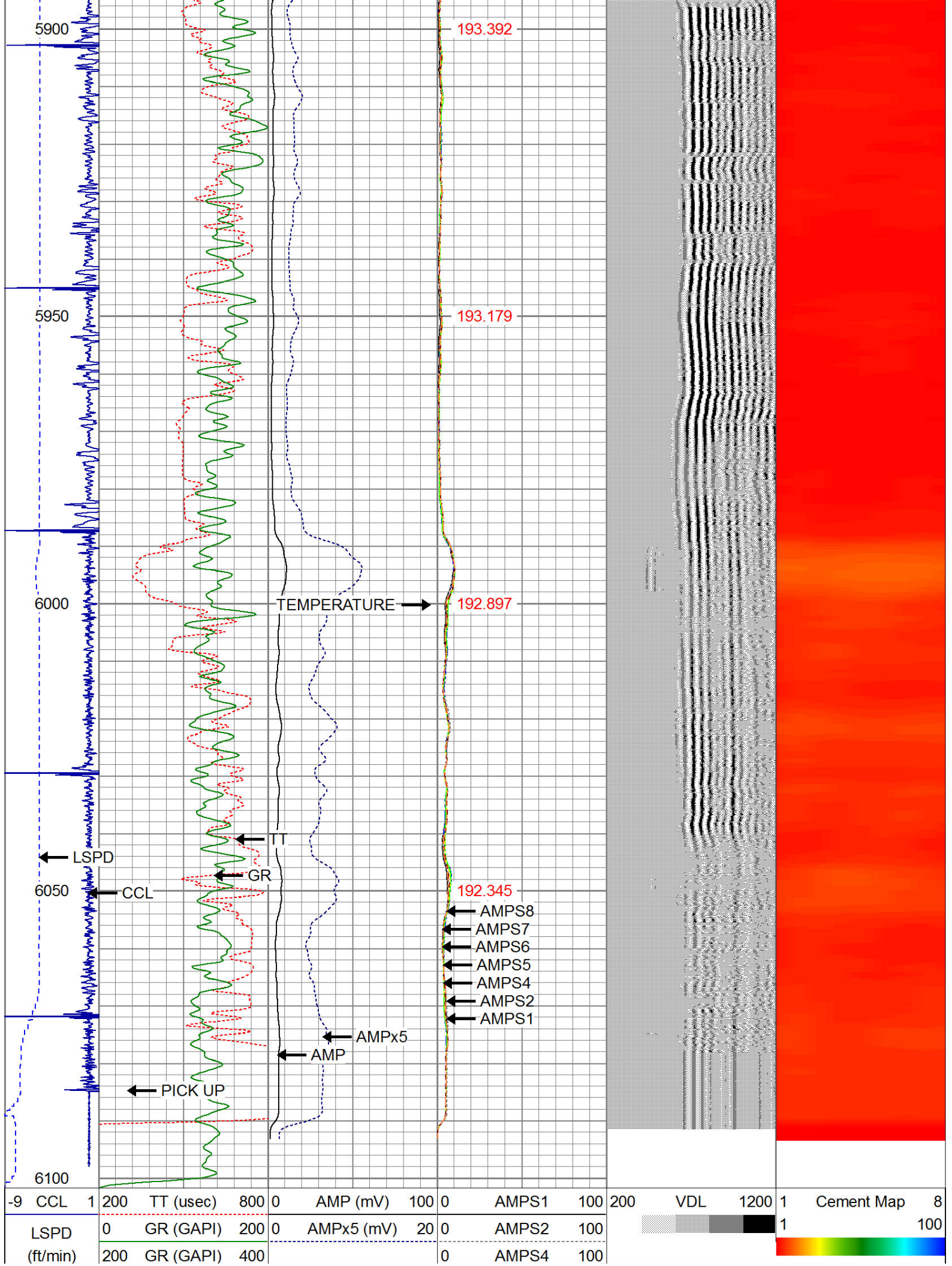












0	250		0	AMPS5	100
			0	AMPS6	100
			0	AMPS7	100
			0	AMPS8	100
			IntTemp (degF)		

 <div> <div>WARRIOR</div> <div>ENERGY SERVICES</div> </div>	Company	KERR McGEE OIL AND GAS
	Well	VONASEK ALVIN GU B TRUE1
	Field	WATTENBERG
	County	WELD
	State	CO