



CCL / VDL
GAMMA RAY
RADIAL CEMENT BOND LOG

Company CHEVRON
Well MONFORT PM K 03-13
Field WATTENBERG
County WELD State COLORADO

Location: API #: 05-123-14121
LAT: 40.335734074
LONG: -104.771400211
SEC 3 TWP 4 N RGE 66 W
Permanent Datum 4,728' Elevation 4,715'
Log Measured From KB
Drilling Measured From KB
Other Services N/A
Elevation K.B. 4,728'
D.F. 4727'
G.L. 4715'

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Well MONFORT PM K 03-13
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County WELD
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Date 01-JAN-2026

Run Number ONE
Depth Driller 7445'
Depth Logger 3006'
Bottom Logged Interval 3000'
Top Log Interval SURFACE
Open Hole Size 8-5/8"
Type Fluid WATER
Density / Viscosity ---
Max. Recorded Temp. 126.8°F
Estimated Cement Top SEE LOG
Time Well Ready ROA
Time Logger on Bottom 14:50
Equipment Number 473
Location GREELEY
Recorded By JOSH KRAL
Witnessed By BRANDON TRACY

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Mq/ft	Top	Bottom
Surface String	8-5/8"	24 #	SURFACE	312'
Prot. String				
Production String	4-1/2"	15.10 #	SURFACE	7395'
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.

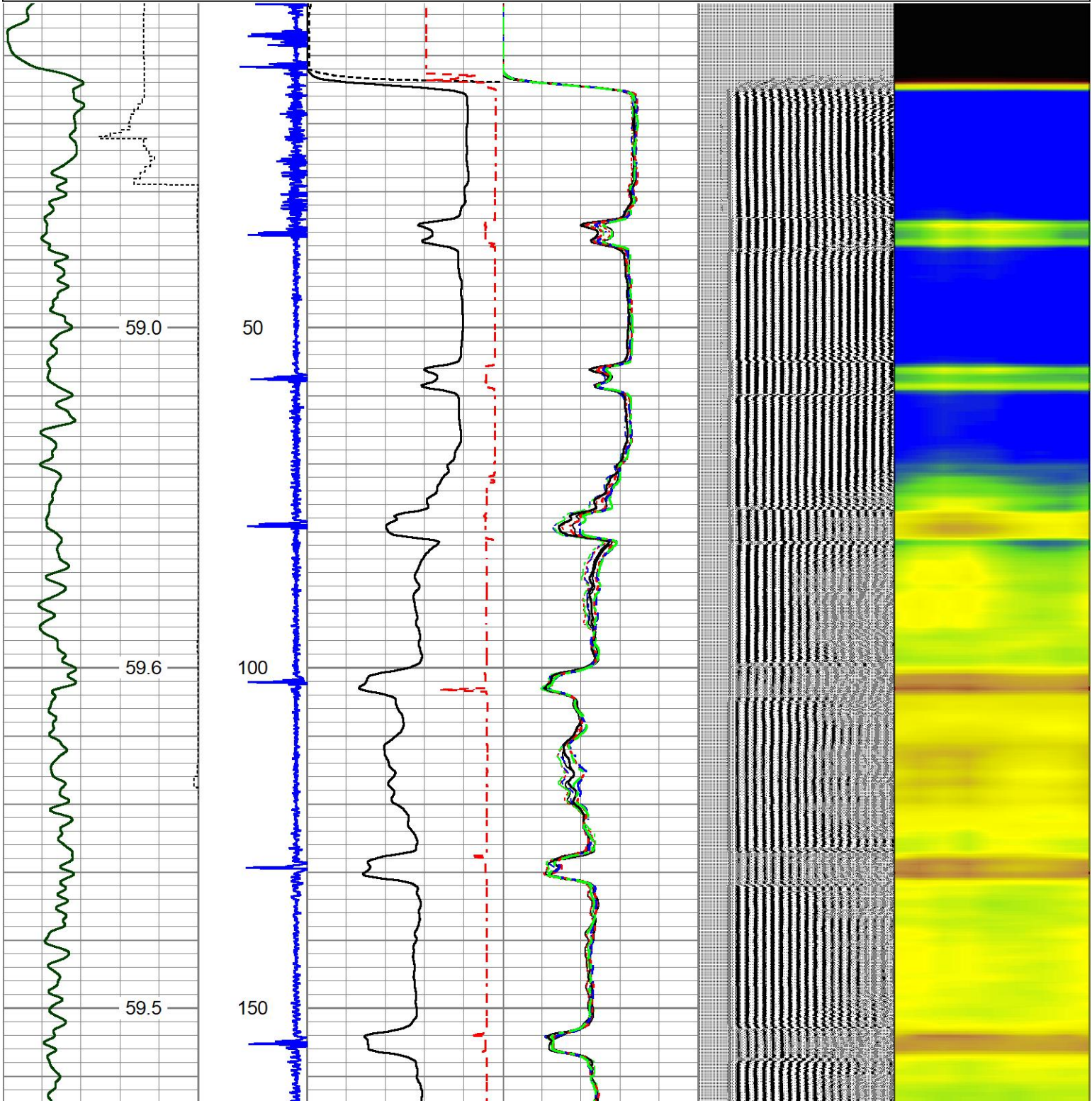
Comments

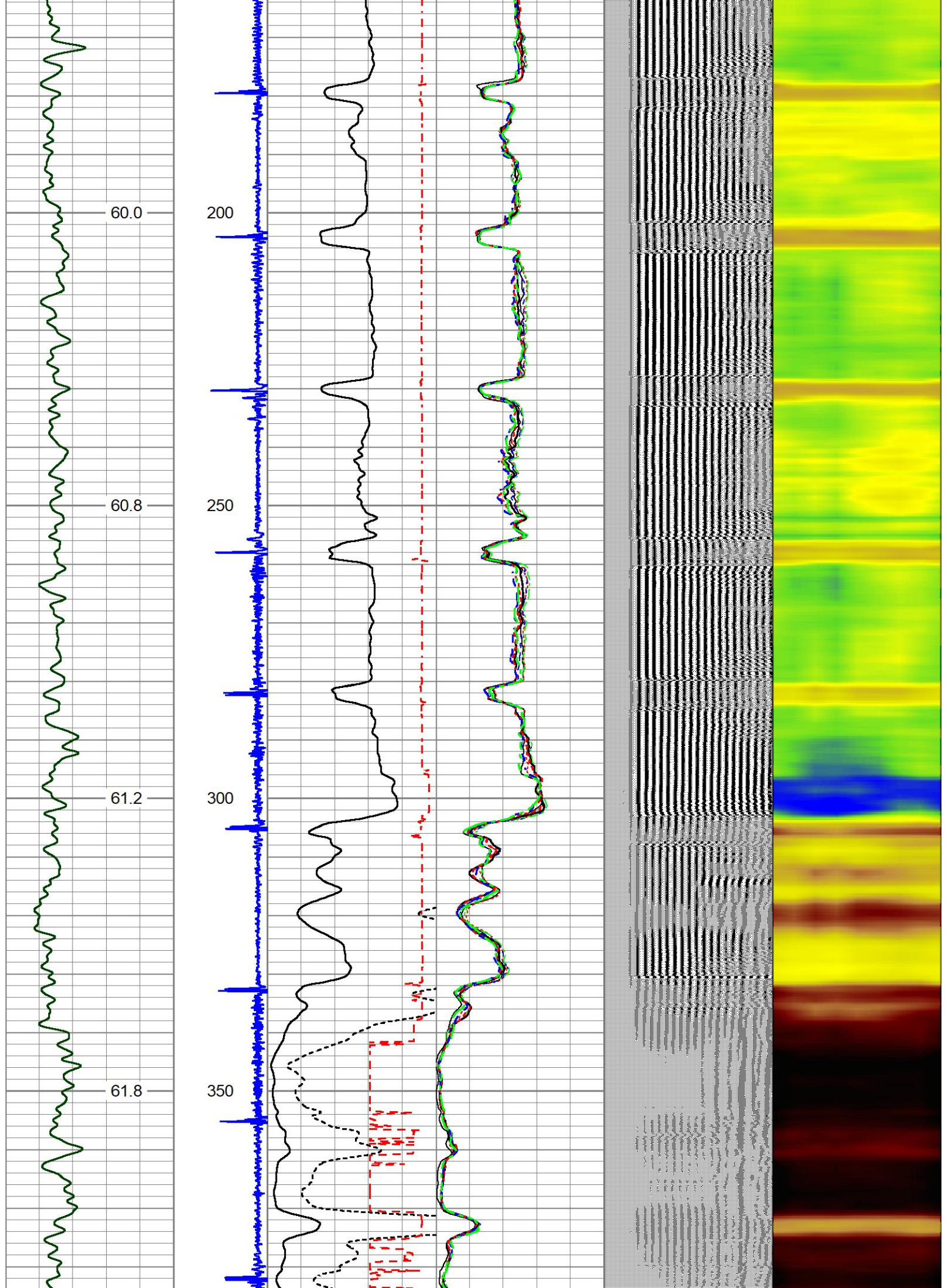
RBL LOGGED PER CUSTOMER REQUEST
FREE PIPE = 81.2 mV
ZERO PSI ON WELL
THANK YOU FOR CHOOSING JMR SERVICES

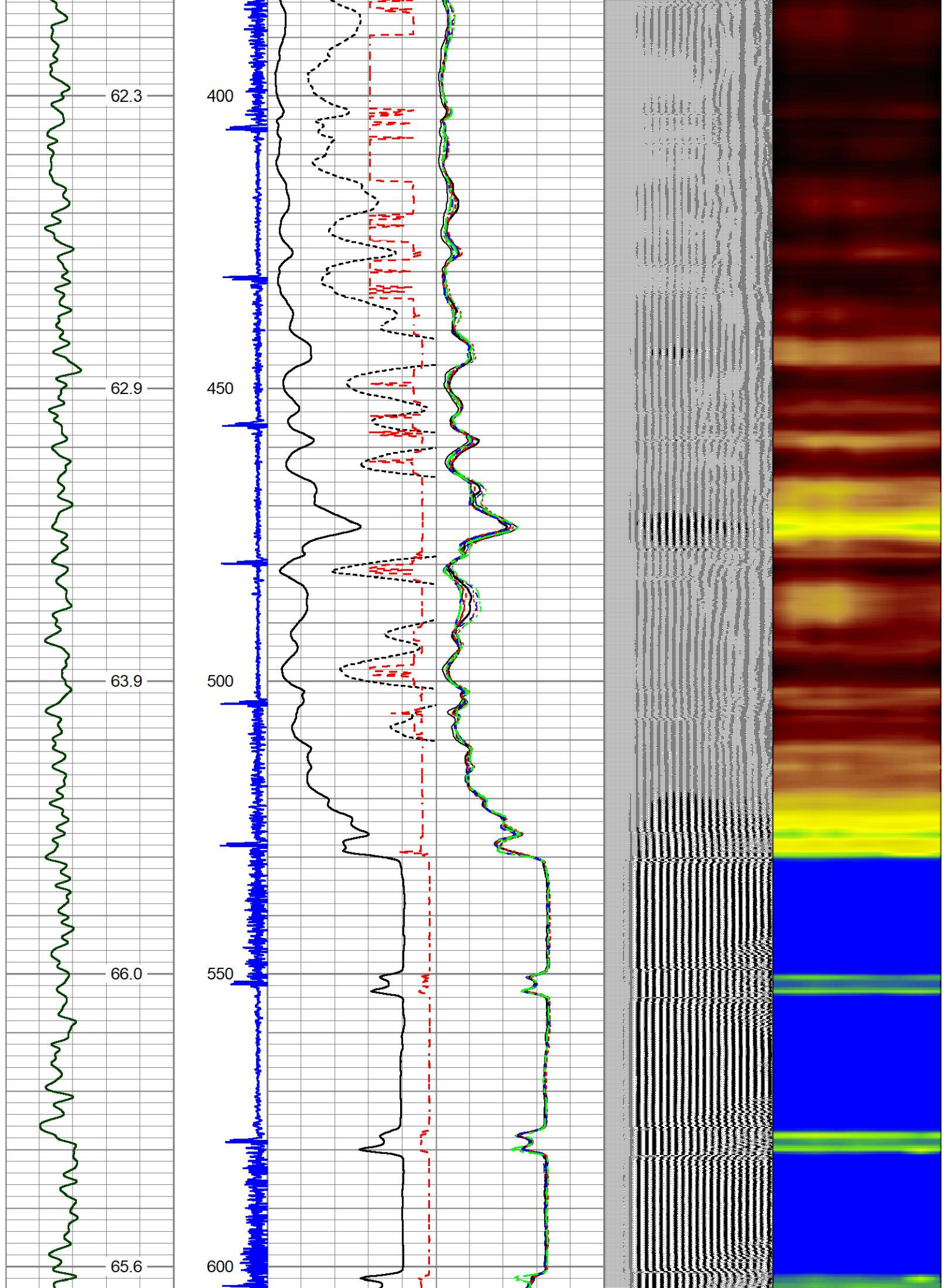


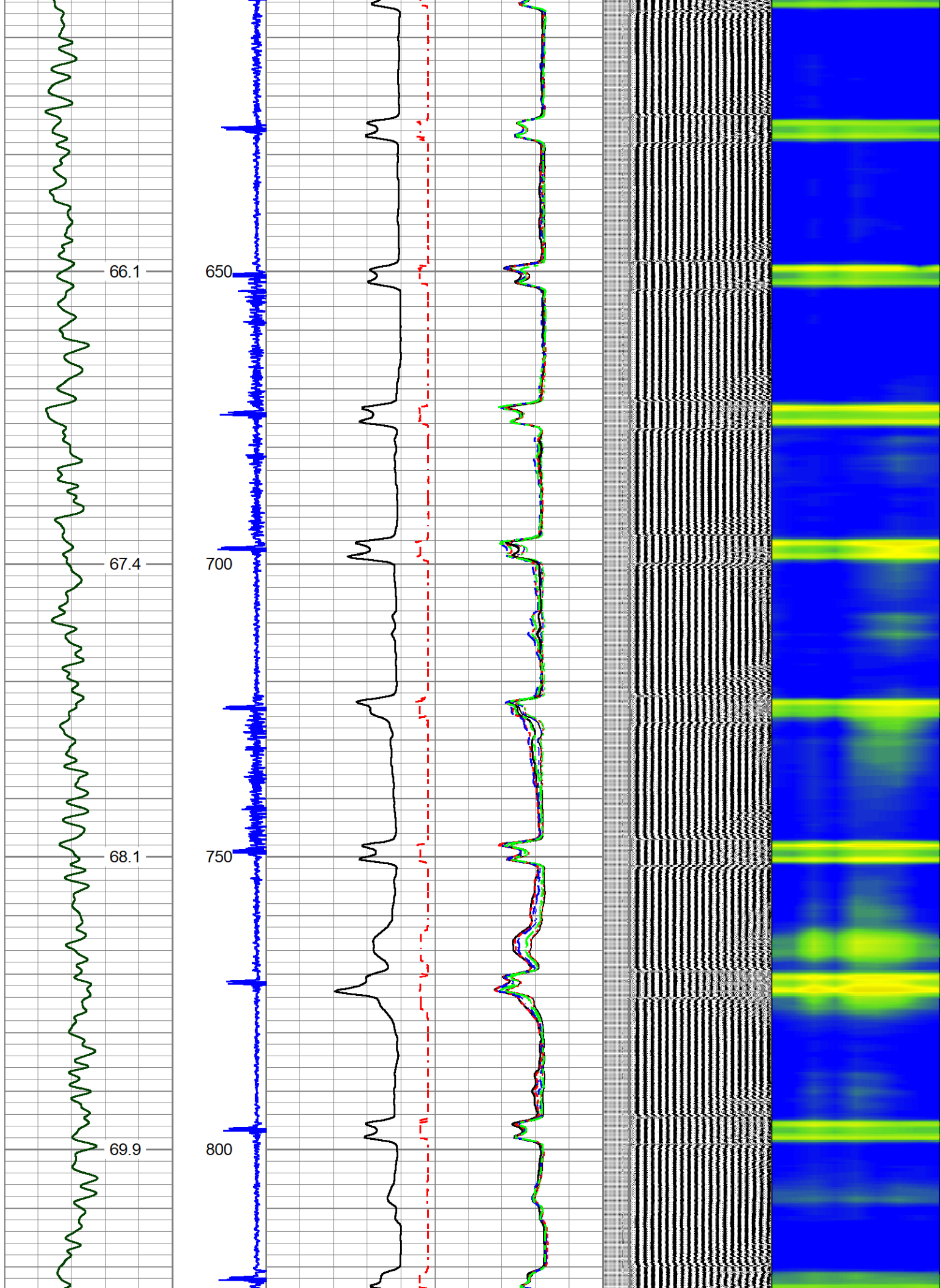
MAIN PASS

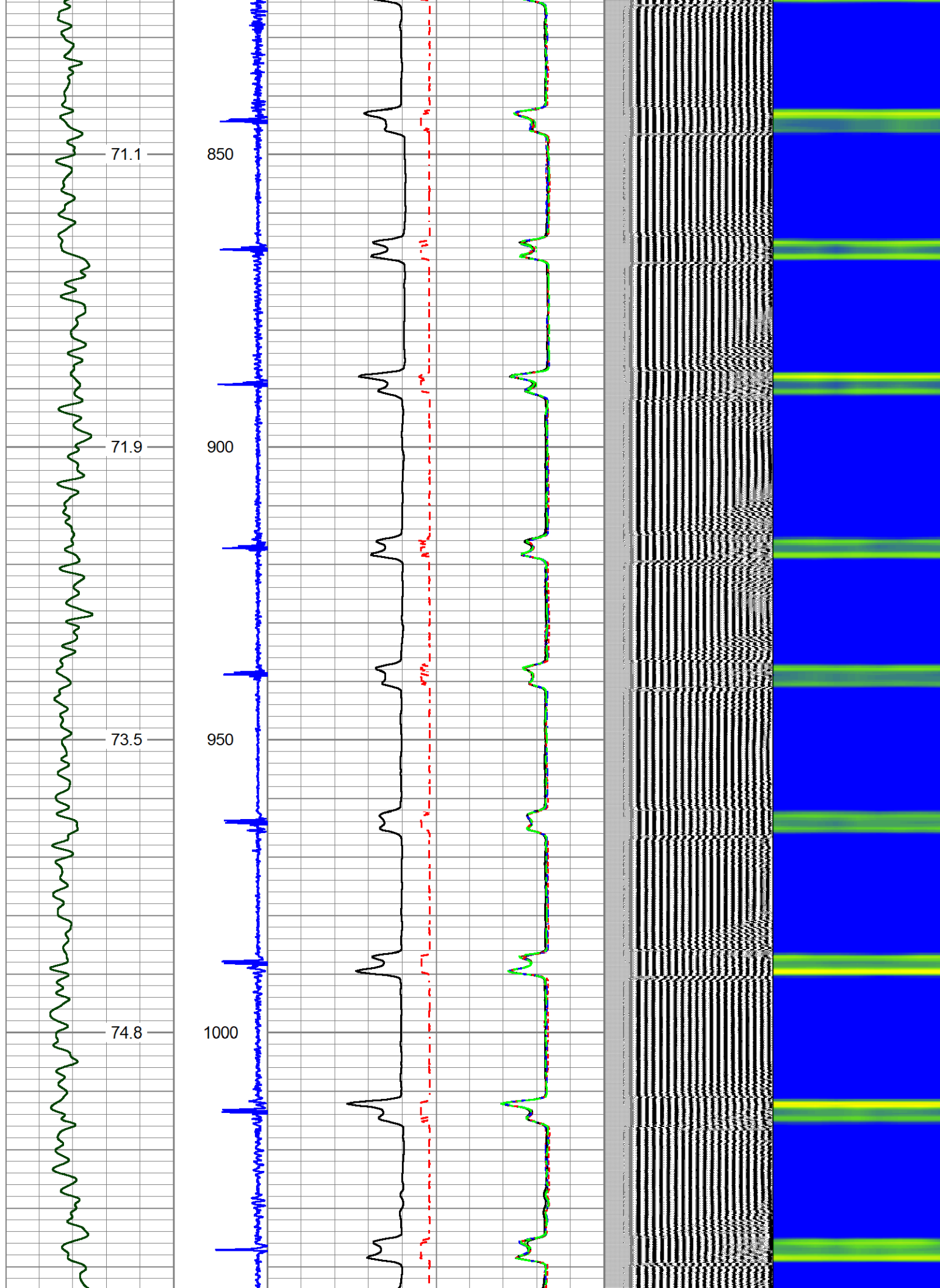
0	GR (GAPI)	250	-9	CCL	1	0	AMP (mV)	100	0	AMPS1	150	200	VDL (usec)	1200	1	Cement Map	8
LSPD						0	AMPx10 (mV)	20	0	AMPS2	150						
100 (ft/min) -100						TT3FT			0	AMPS3	150						
						1200	(usec)	200	0	AMPS4	150						
TEMP									0	AMPS5	150						
(degF)									0	AMPS6	150						
									0	AMPS7	150						
									0	AMPS8	150						

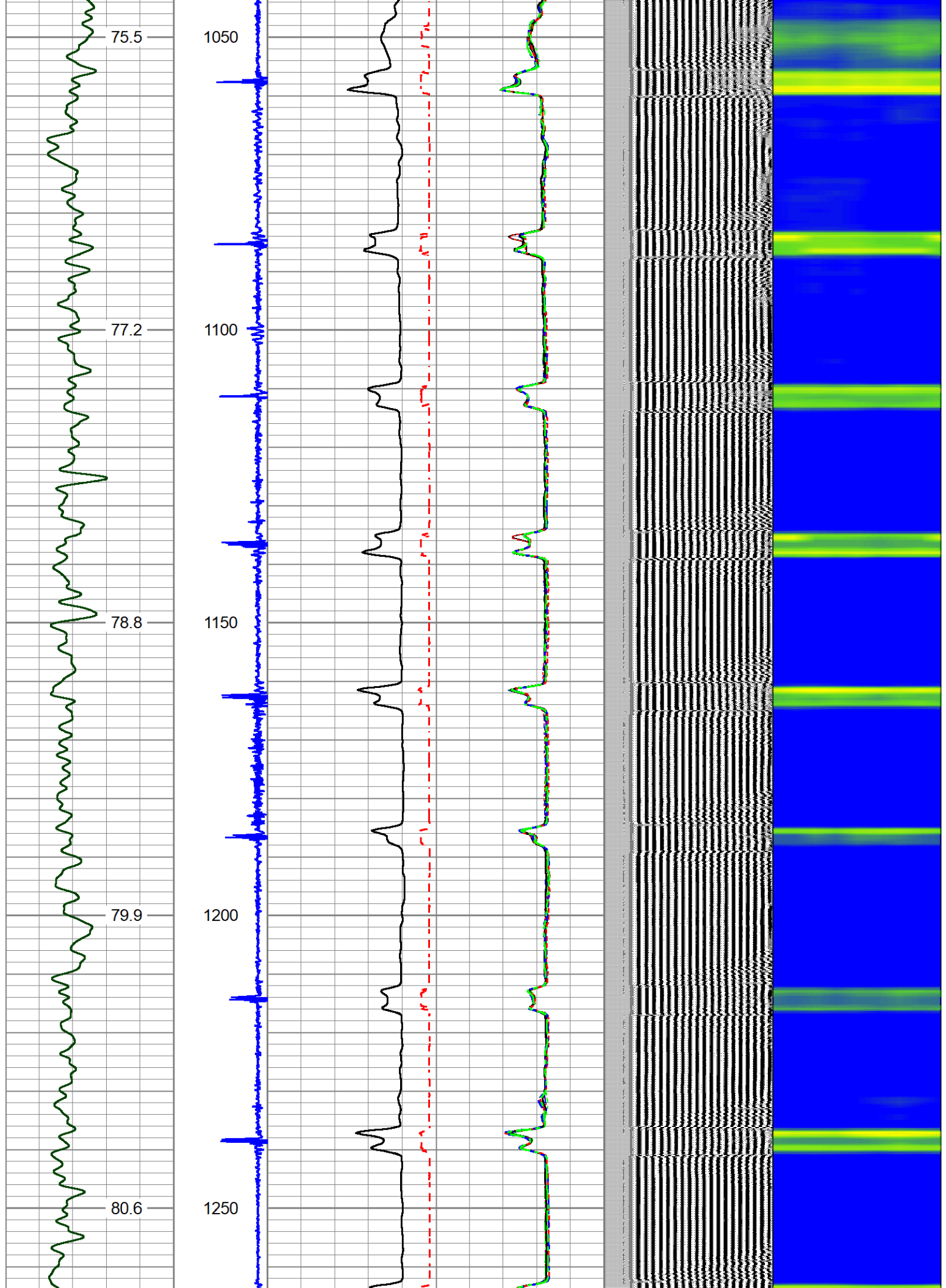


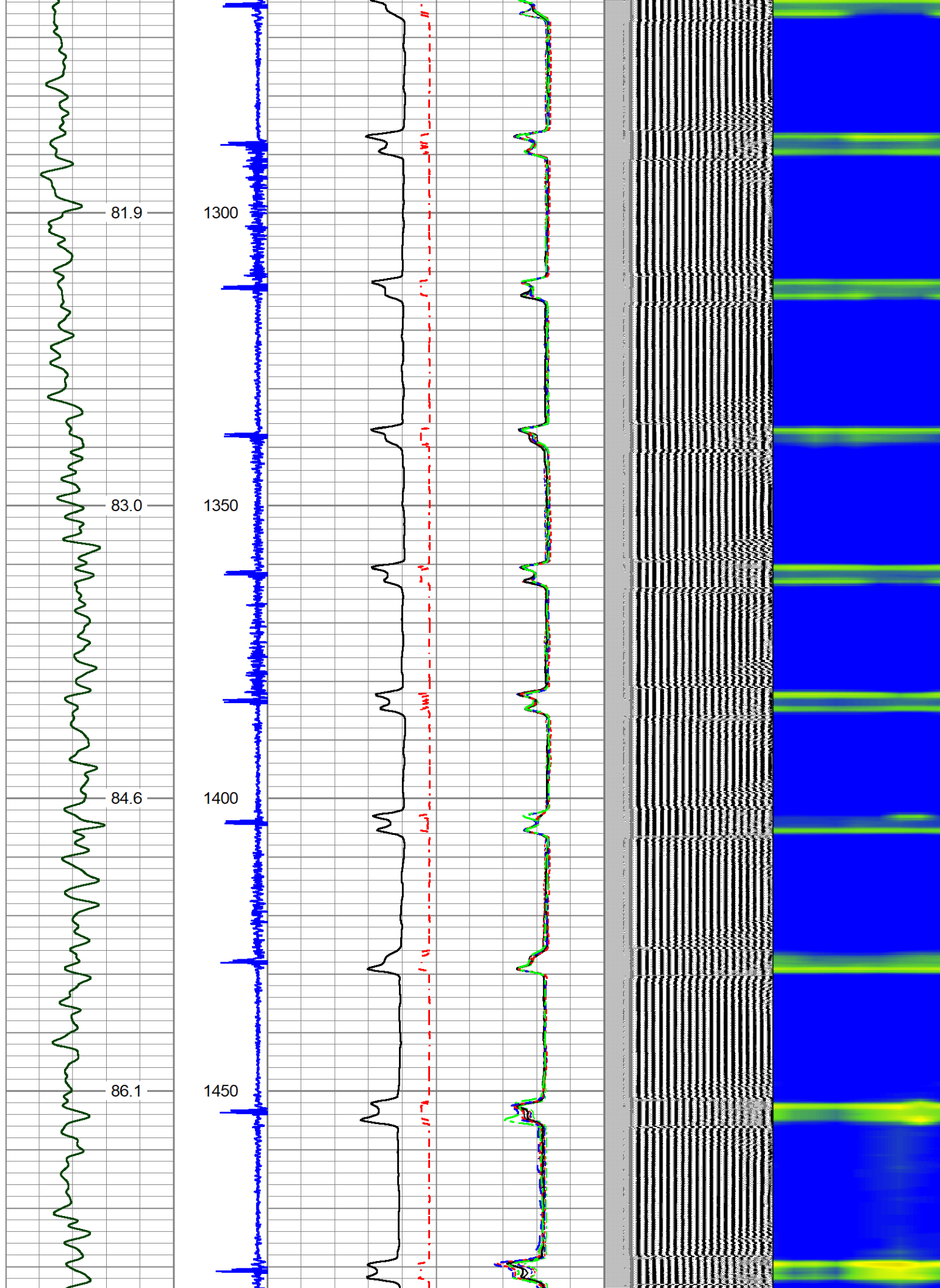


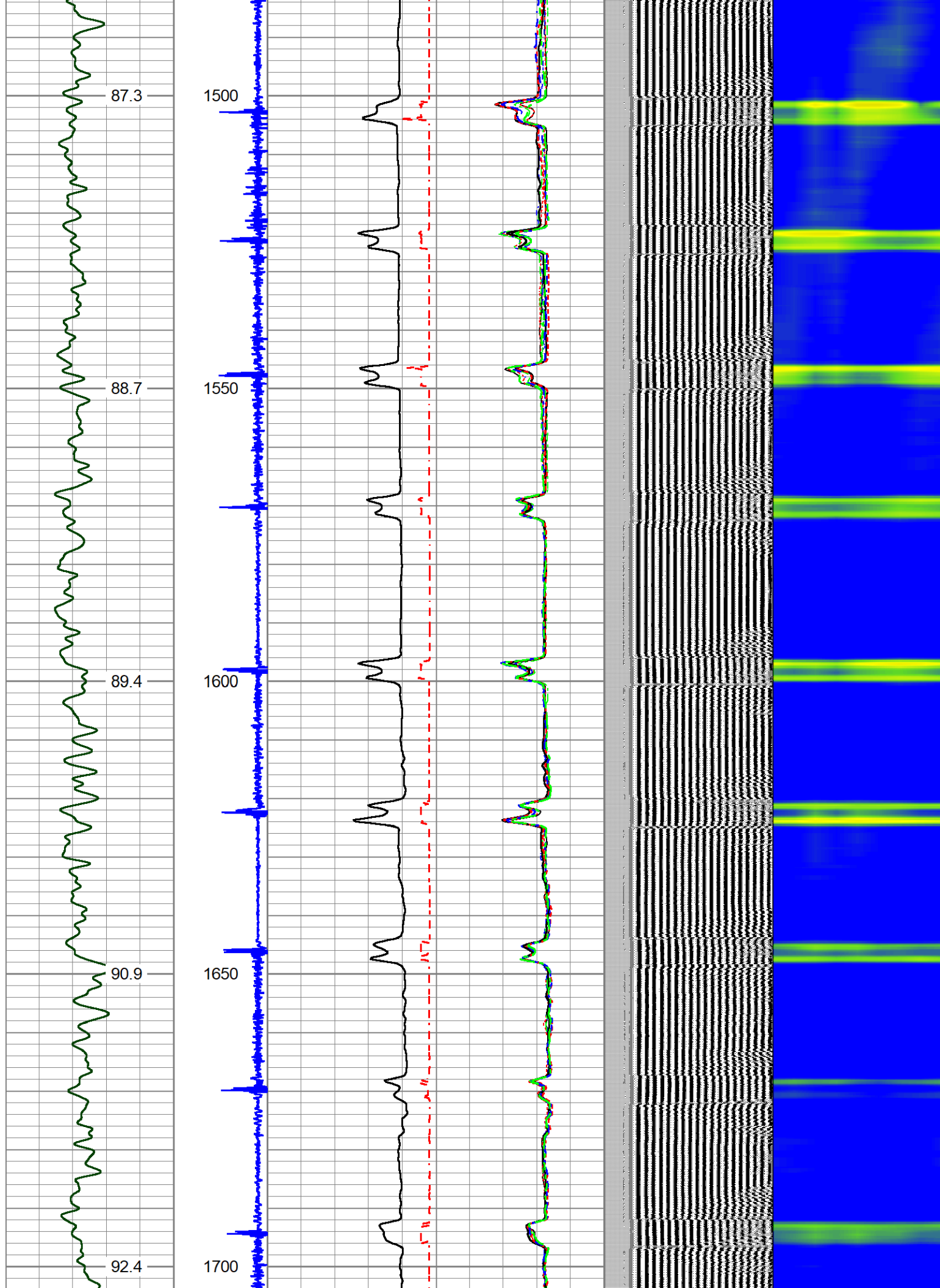


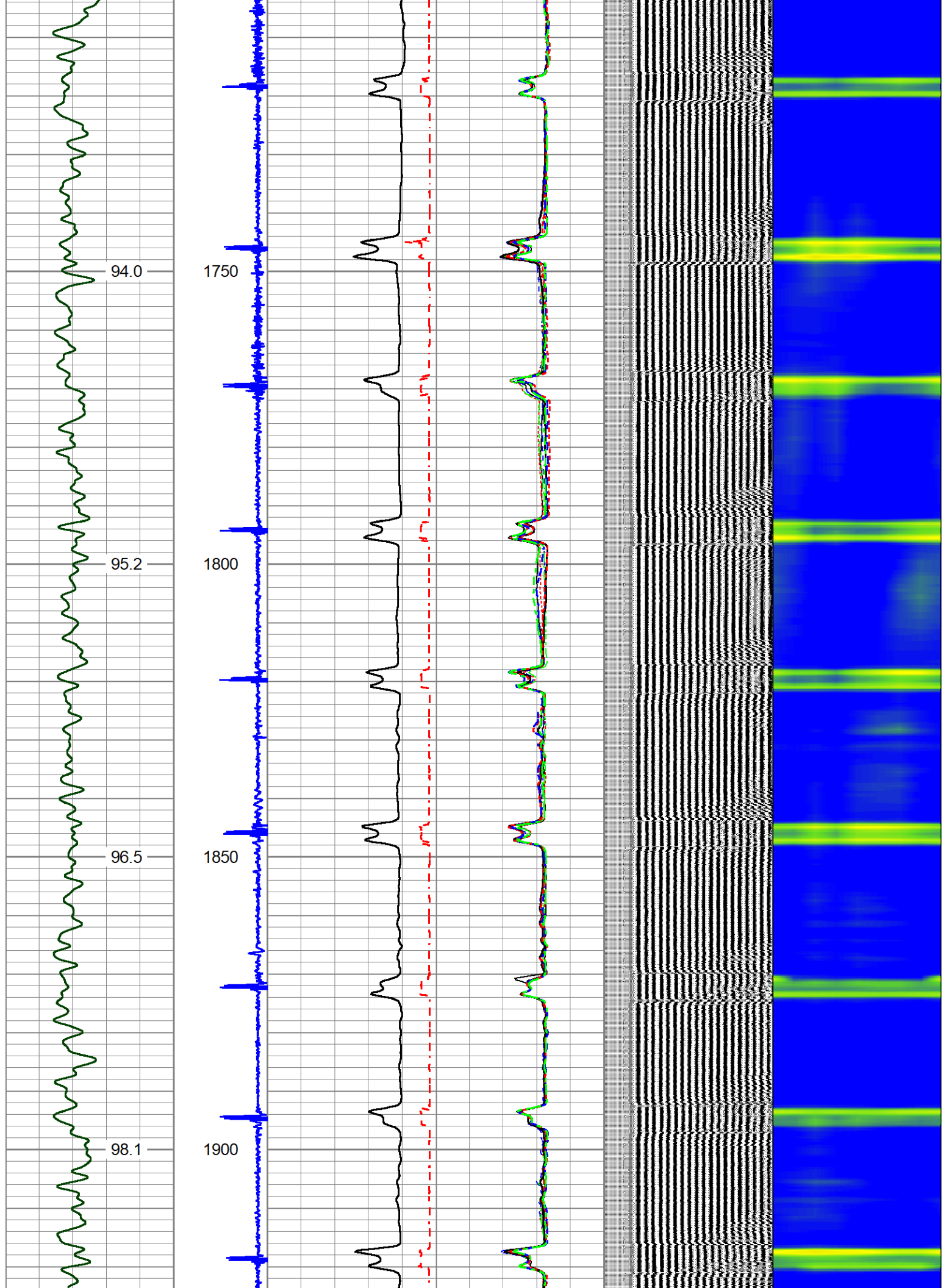


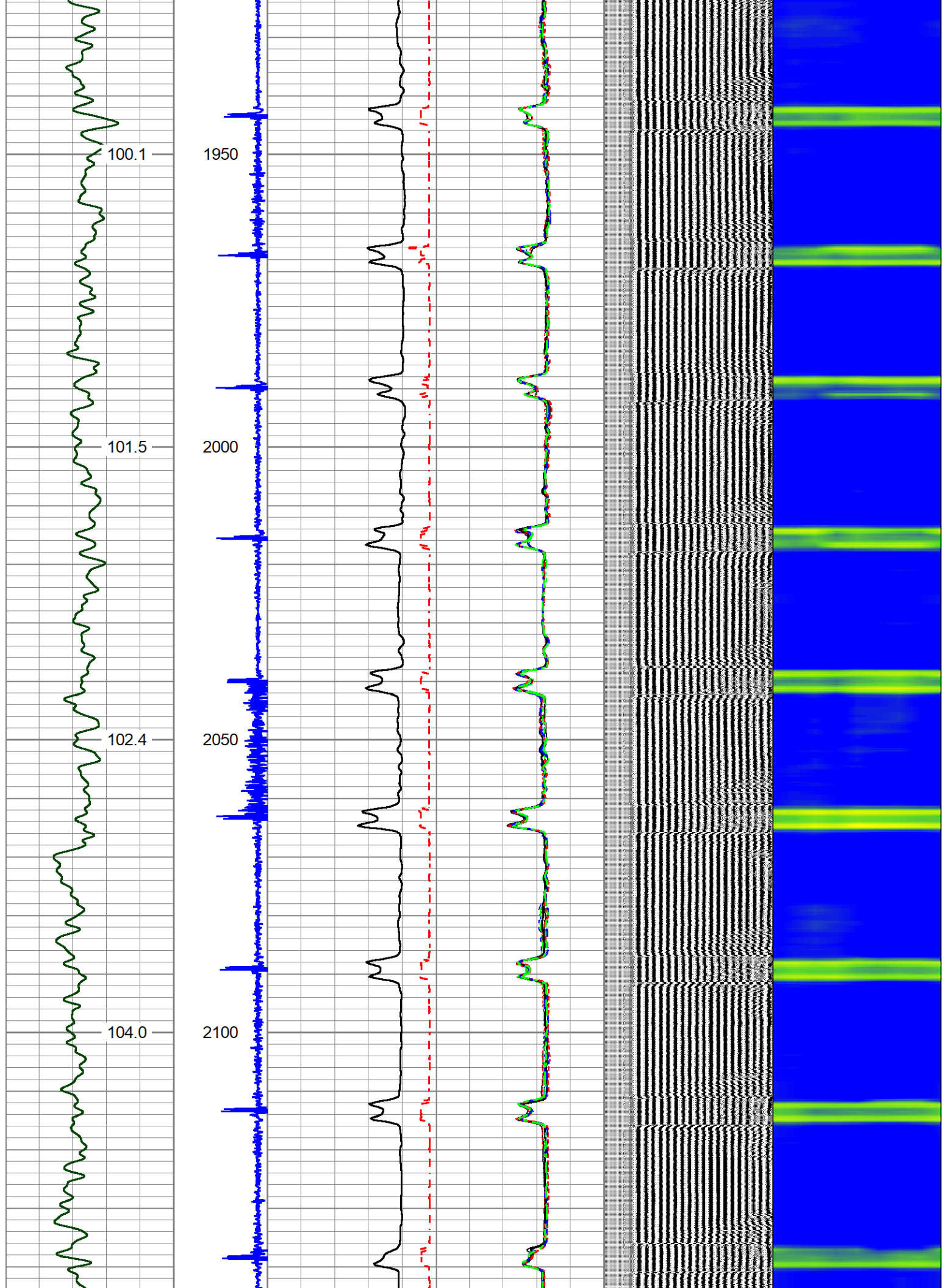


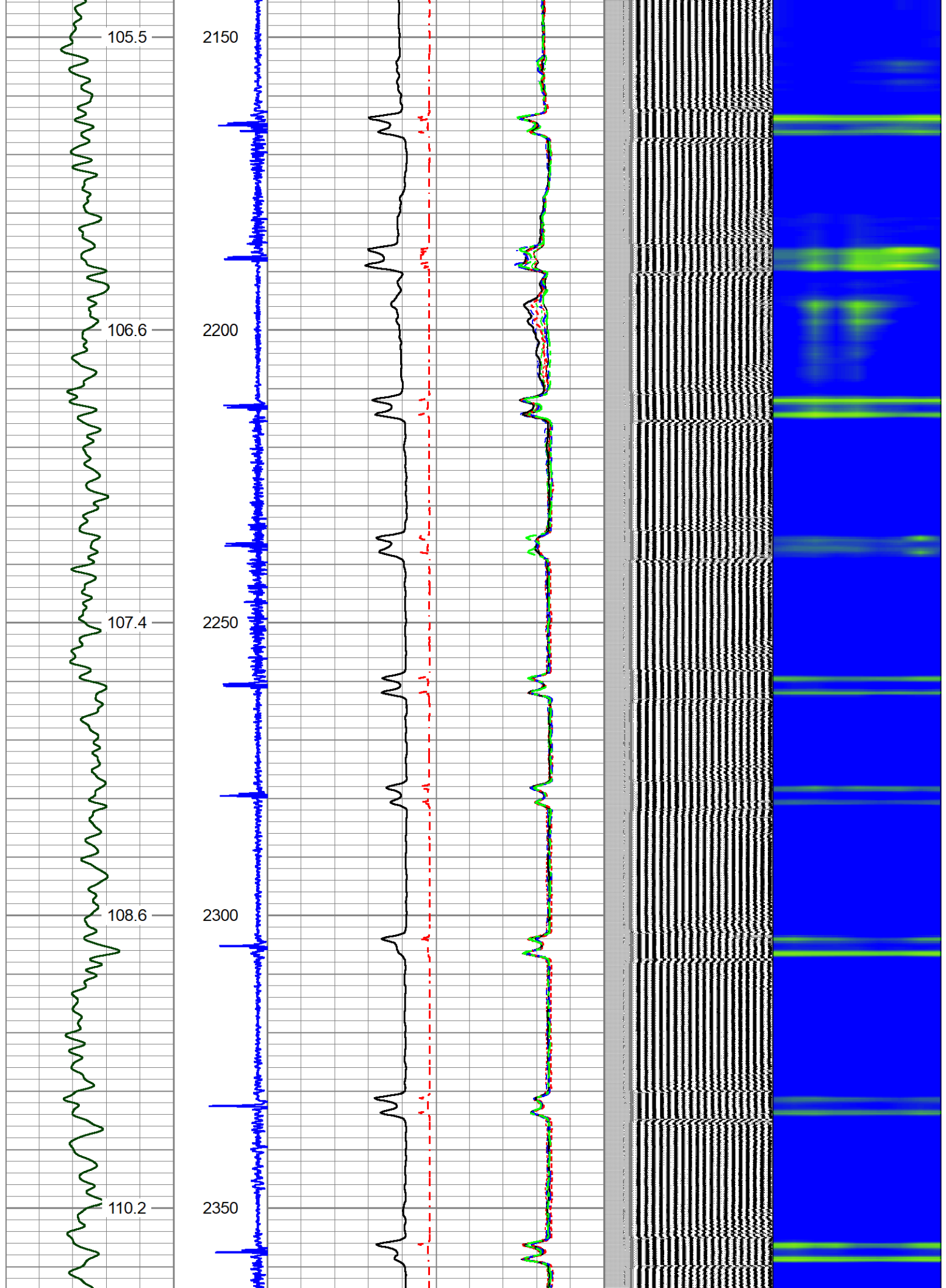


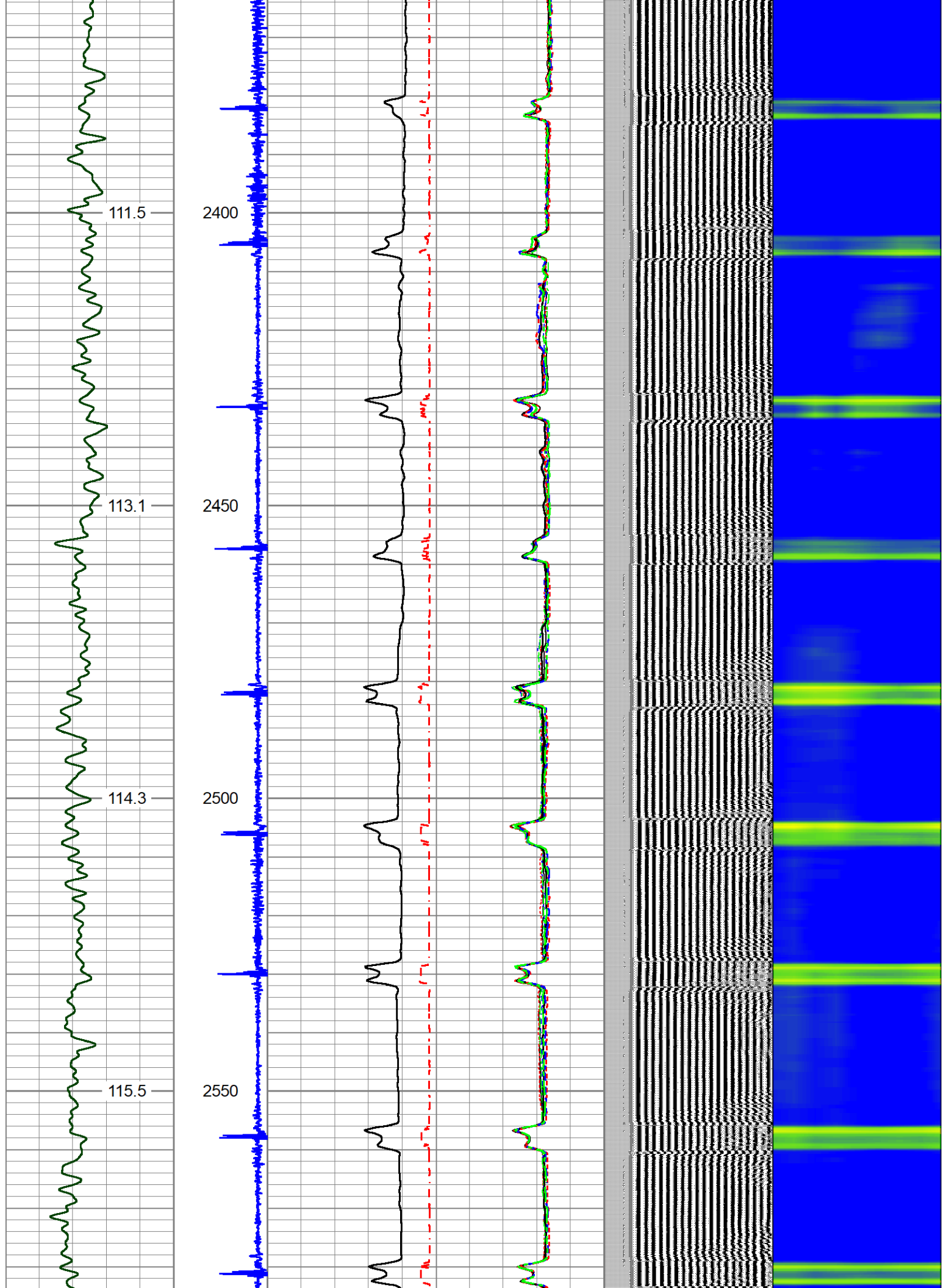


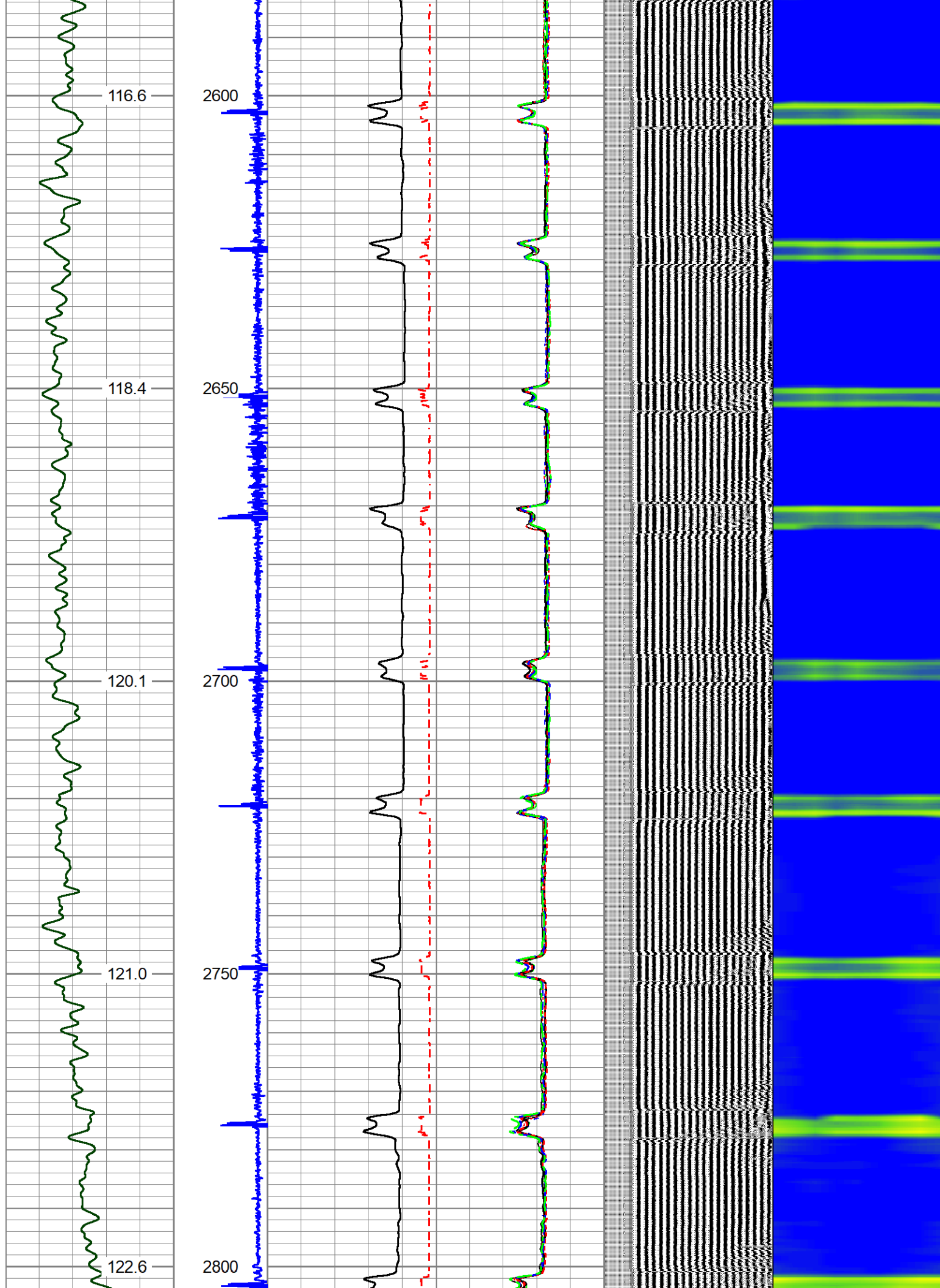


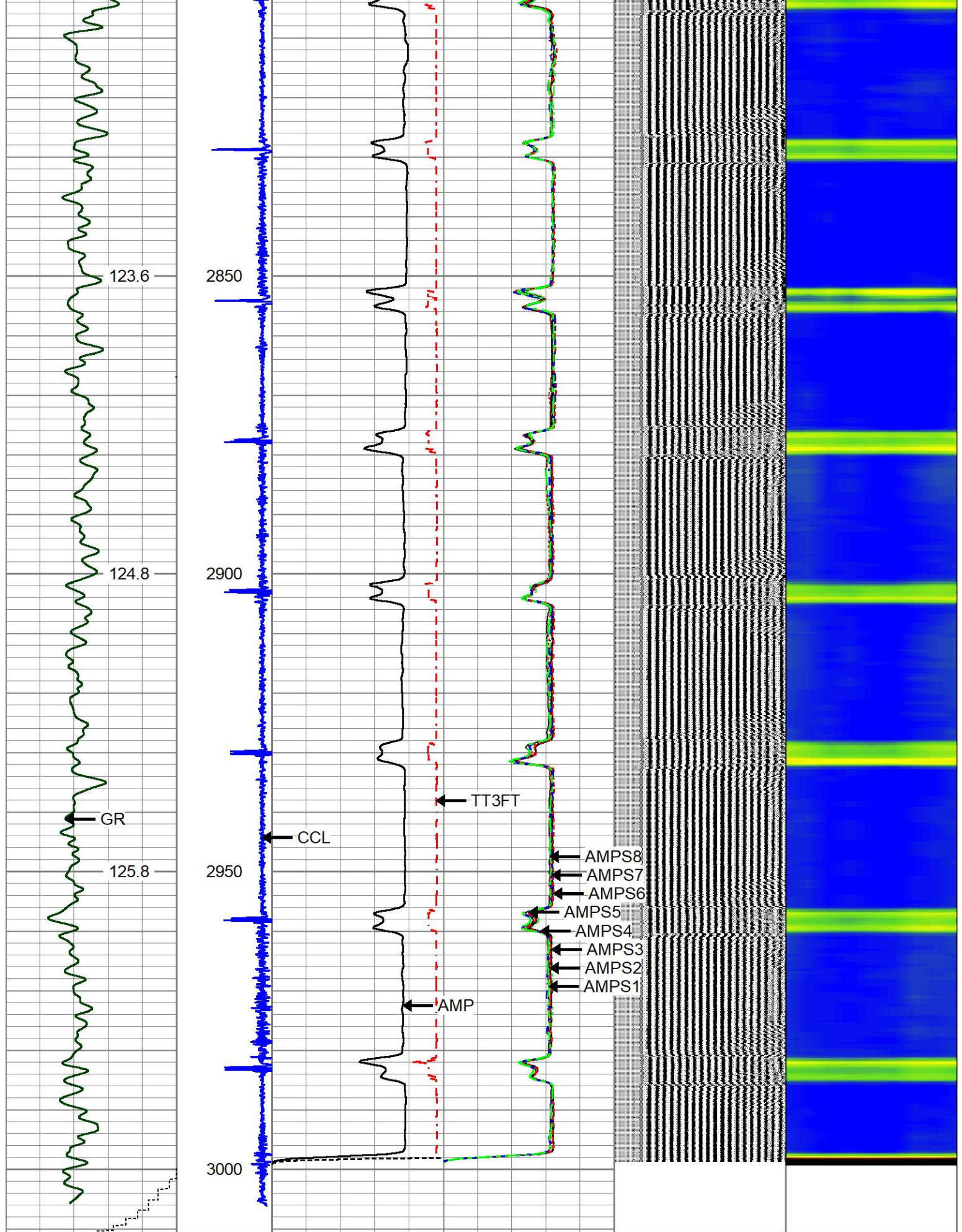












0	GR (GAPI)	250	-9	CCL	1	0	AMP (mV)	100	0	AMPS1	150	200	VDL (uSec)	1200	1	Cement Map	8
	LSPD					0	AMPx10 (mV)	20	0	AMPS2	150						
100	(ft/min)	-100					TT3FT		0	AMPS3	150						

TEMP (degF)	1200	(usec)	200	0	AMPS4	150
				0	AMPS5	150
				0	AMPS6	150
				0	AMPS7	150
				0	AMPS8	150



REPEAT PASS

Database File

Dataset Pathname

Presentation Format

Dataset Creation

Charted by

chevron_monfort_pm_k03-13_rbl_1.db

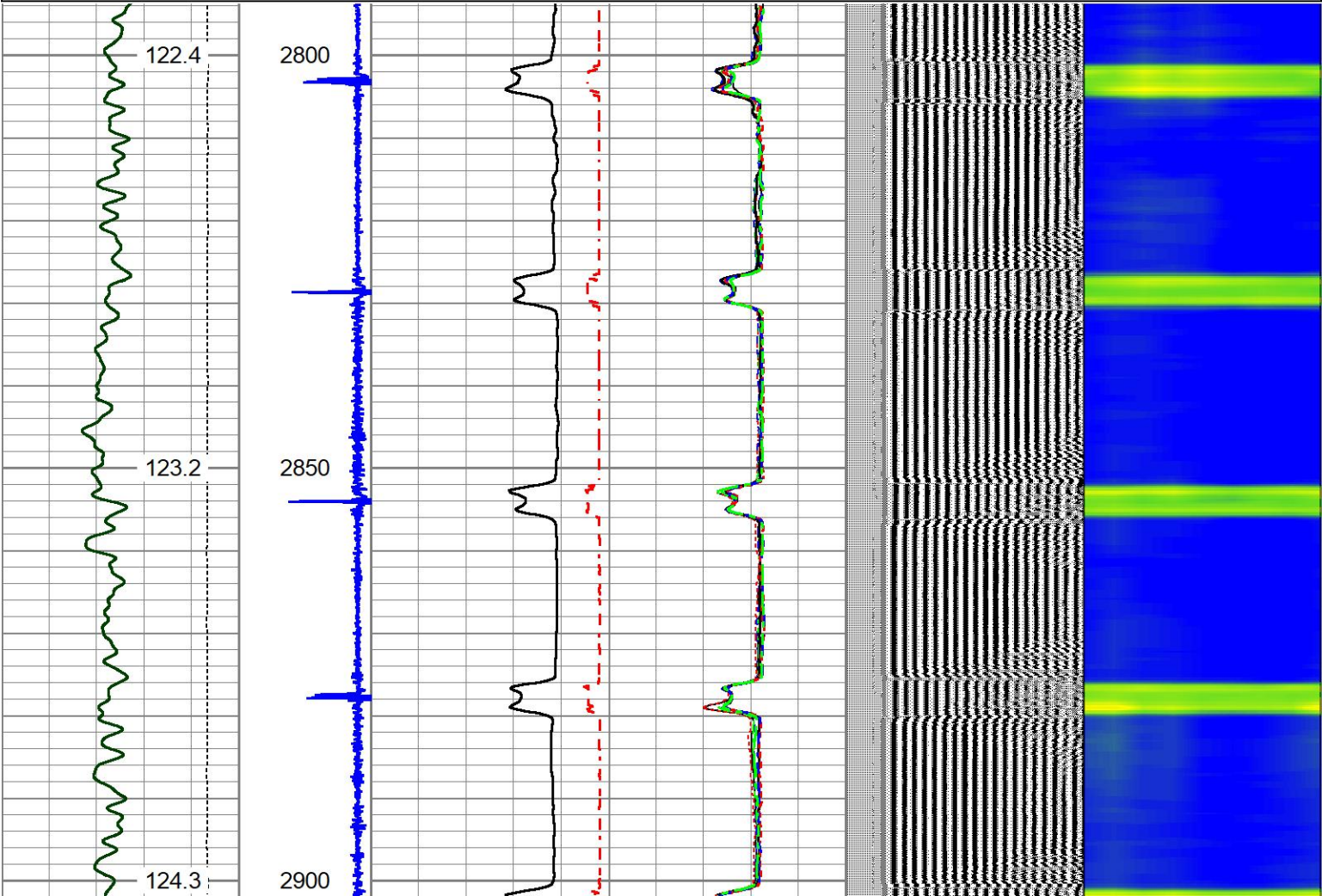
Rig_12-473/Monfort_PM_K03-13/run1/pass4

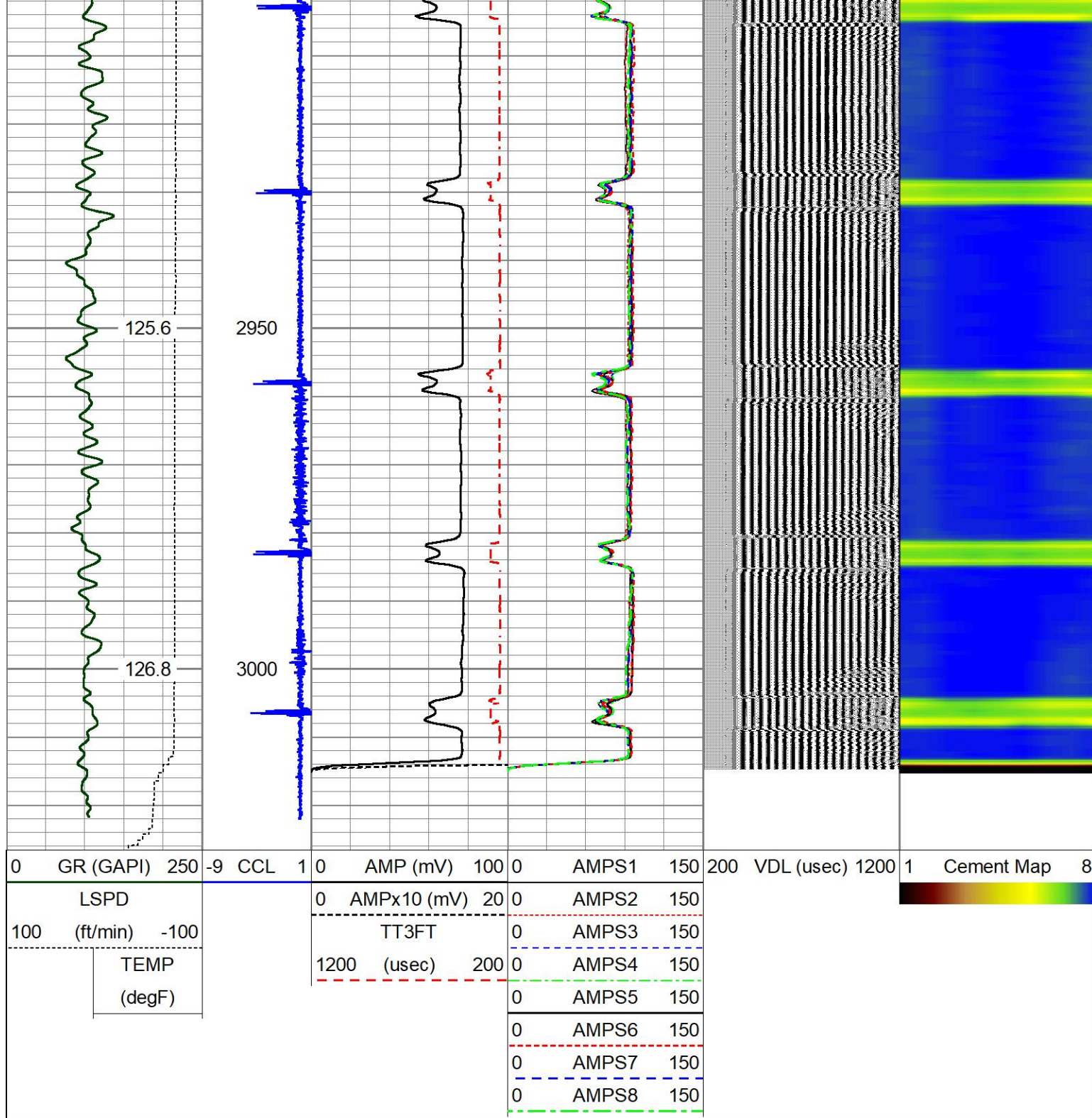
rblchevron

Tue Jan 06 14:48:18 2026

Depth in Feet scaled 1:240

0	GR (GAPI)	250	-9	CCL	1	0	AMP (mV)	100	0	AMPS1	150	200	VDL (usec)	1200	1	Cement Map	8
LSPD						0	AMPx10 (mV)	20	0	AMPS2	150						
100	(ft/min)	-100				TT3FT			0	AMPS3	150						
TEMP						1200	(usec)	200	0	AMPS4	150						
(degF)									0	AMPS5	150						
									0	AMPS6	150						
									0	AMPS7	150						
									0	AMPS8	150						





Log Variables

DatabaseC:\ProgramData\Warrior\Data\chevron_monfort_pm_k03-13_rbl_1.db
Dataset Rig_12-473/Monfort_PM_K03-13/run1/pass5/_vars_

Top - Bottom

BHTEMP_Src TEMP	BOREID in 7.875	BOTTEMP degF 100	CASEOD in 4.5	CASETHCK in 0	CASEWGHT lb/ft 15.1	MAXAMPL mV 0	MINAMPL mV 1
MINATTN db/ft 0.8	PERFS No	PPT uSec 0	SRFTEMP degF 0	TDEPTH ft 0			

Variable Description

BHTEMP_Src : BHTEMP Input Source Selector
BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
CASEWGHT : Casing Weight
MAXAMPL : Maximum Amplitude

MINAMPL : Minimum Amplitude
MINATTN : Minimum Attenuation
PERFS : Perforation Flag
PPT : Predicted Pipe Time
SRFTEMP : Surface Temperature
TDEPTH : Total Depth

Calibration Report

Database File chevron_monfort_pm_k03-13_rbl_1.db
Dataset Pathname Rig_12-473/Monfort_PM_K03-13/run1/pass5
Dataset Creation Tue Jan 06 14:53:07 2026

Gamma Ray Calibration Report

Serial Number: GCT275-0BP0_base
Tool Model: GCT275-0BP0
Performed: (Not Performed)

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 1.0000 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: 2.75T_base
Tool Model: Probe275T

Calibration Casing Diameter: 4.500 in
Calibration Depth: 631.243 ft

Master Calibration, performed Tue Jan 06 14:39:49 2026:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.005	1.880	0.250	81.196	43.159	0.037
CAL	0.006	0.805				
5'	0.006	1.770	0.250	81.196	45.887	-0.003
SUM						
S1	0.073	1.962	0.000	100.000	52.945	-3.885
S2	0.005	1.981	0.000	100.000	50.618	-0.271
S3	0.006	1.925	0.000	100.000	52.101	-0.293
S4	0.005	1.947	0.000	100.000	51.504	-0.280
S5	0.005	1.874	0.000	100.000	53.511	-0.293
S6	0.005	1.834	0.000	100.000	54.677	-0.291
S7	0.005	1.852	0.000	100.000	54.141	-0.277
S8	0.005	1.888	0.000	100.000	53.096	-0.270

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.006	0.805	1.000	0.000

Air Zero Calibration, performed (Not Performed):

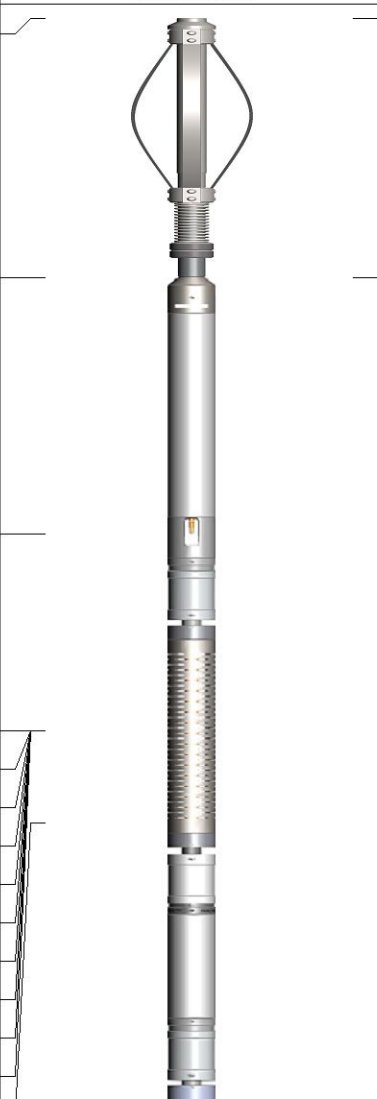
	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000

Temperature Calibration Report

Serial Number: 2.75T_base
 Tool Model: Probe275T
 Performed: Fri May 24 11:05:51 2019

	Reference	Reading
Low Reference:	100.00 degF	108.60 degF
High Reference:	350.00 degF	405.00 degF

Gain: 0.84
 Offset: 8.40
 Delta Spacing: 1

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
Error_Ct	20.58					
			CENT-BC275-0000 Probe 2.75" Bowspring Centralizer	2.83	2.75	24.00
RadiiHeadVolt	17.75					
TEMP	14.95					
WVFS8	12.80		RBT-Probe275T (2.75T_base) 2.75" Radial with Integral Temperature Sub	9.20	2.75	
WVFS7	12.80					
WVFS6	12.80					
WVFS5	12.80					
WVFS4	12.80					
WVFS3	12.80					
WVFS2	12.80					
WVFS1	12.80					
WVFCAL	12.80					
WVF3FT	12.80					

