



**GAMMA RAY, CCL
CEMENT BOND, VDL
SECTOR MAP**

Company VERDAD
Well TIMBRO RANCH 1-41-9-59
Field WATTENBERG
County WELD
State COLO
Country USA

Company VERDAD
Well TIMBRO RANCH 1-41-9-59
Field WATTENBERG
County WELD
State COLO
Country USA

Location: API #: 05-123-34438

Permanent Datum SEC 3 TWP 9N RGE 59W
Log Measured From GL KB 17' Elevation
Drilling Measured From KB G.L.

Other Services
Elevation

Date OCT-6-2023

Run Number ONE
Depth Driller 9780'
Depth Logger 2000'
Bottom Logged Interval 2000'
Top Log Interval SURFACE
Open Hole Size NA
Type Fluid WATER
Density / Viscosity NA
Max. Recorded Temp. 94
Estimated Cement Top SEE LOG
Time Well Ready ROA
Time Logger on Bottom 1500
Equipment Number 66
Location PLATTEVILLE, CO
Recorded By KYLE GIRDLER
Witnessed By NATHAN DAMIRON

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record							
Surface String		9-5/8"		Wgt/Ft	0	Top	Bottom
Prot. String		7"		36		1447'	
Production String		4.5"		23		0	5819'
Liner				11.6		5333	9780

<<< Fold Here >>>

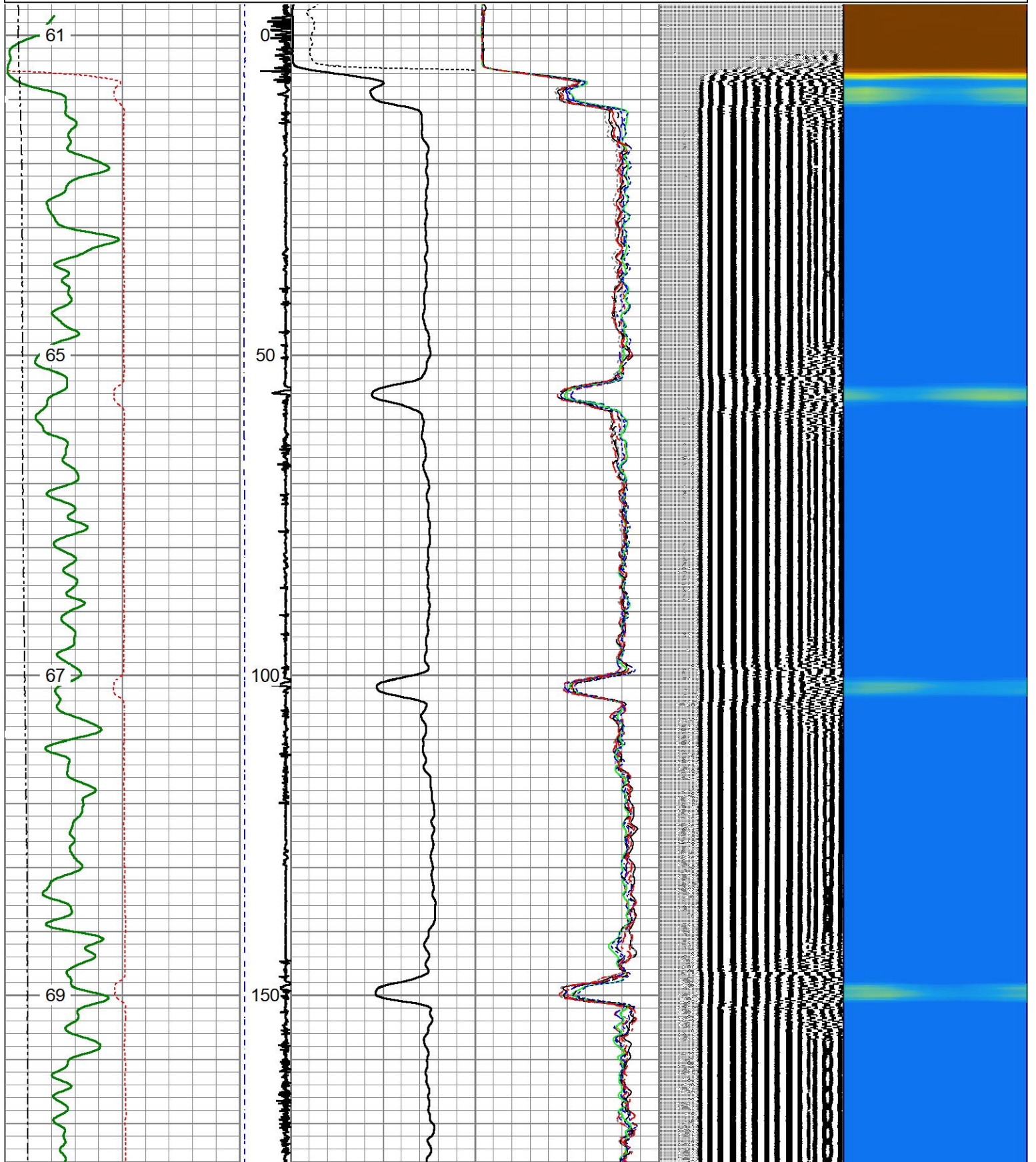
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

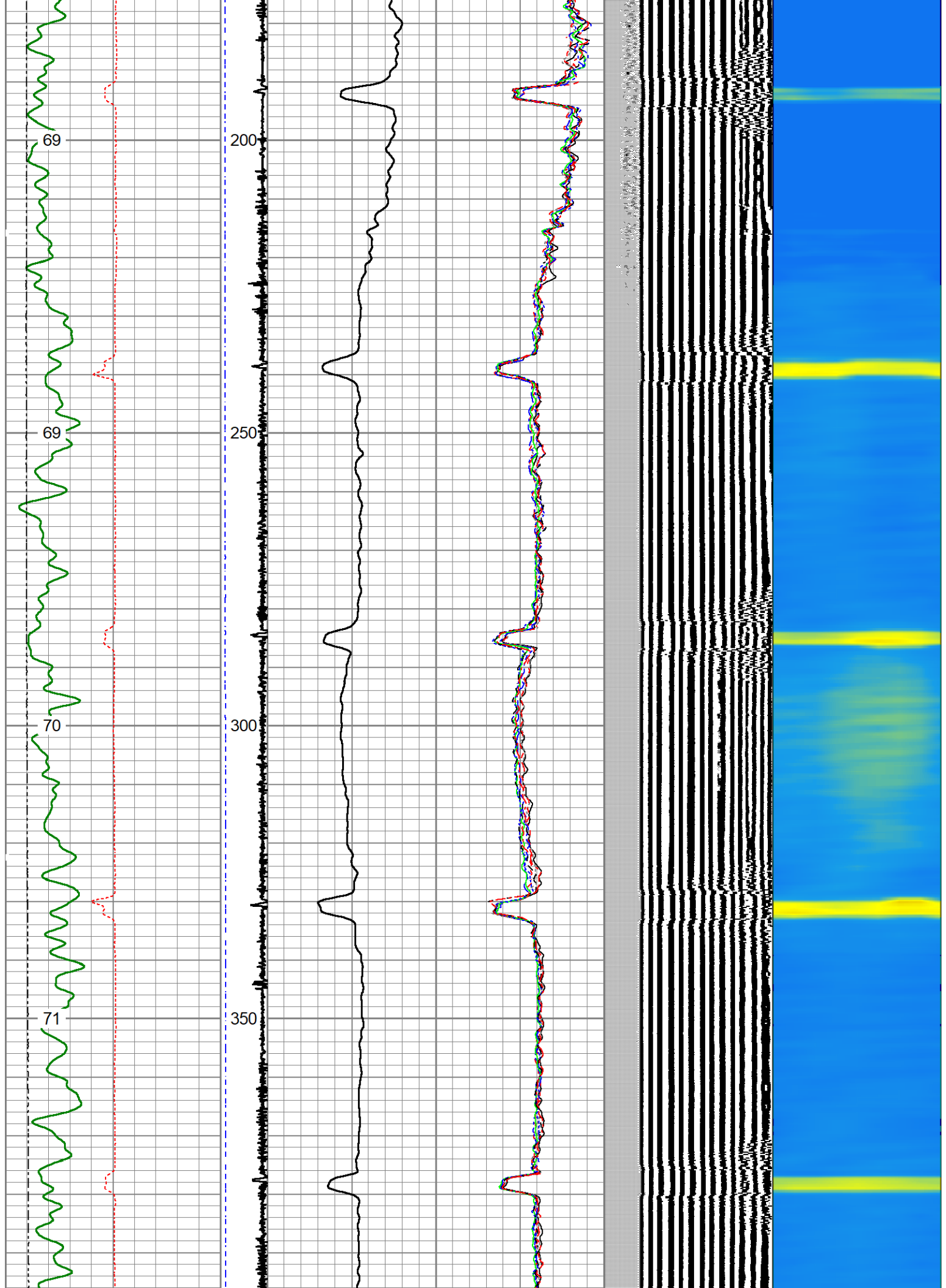
Comments

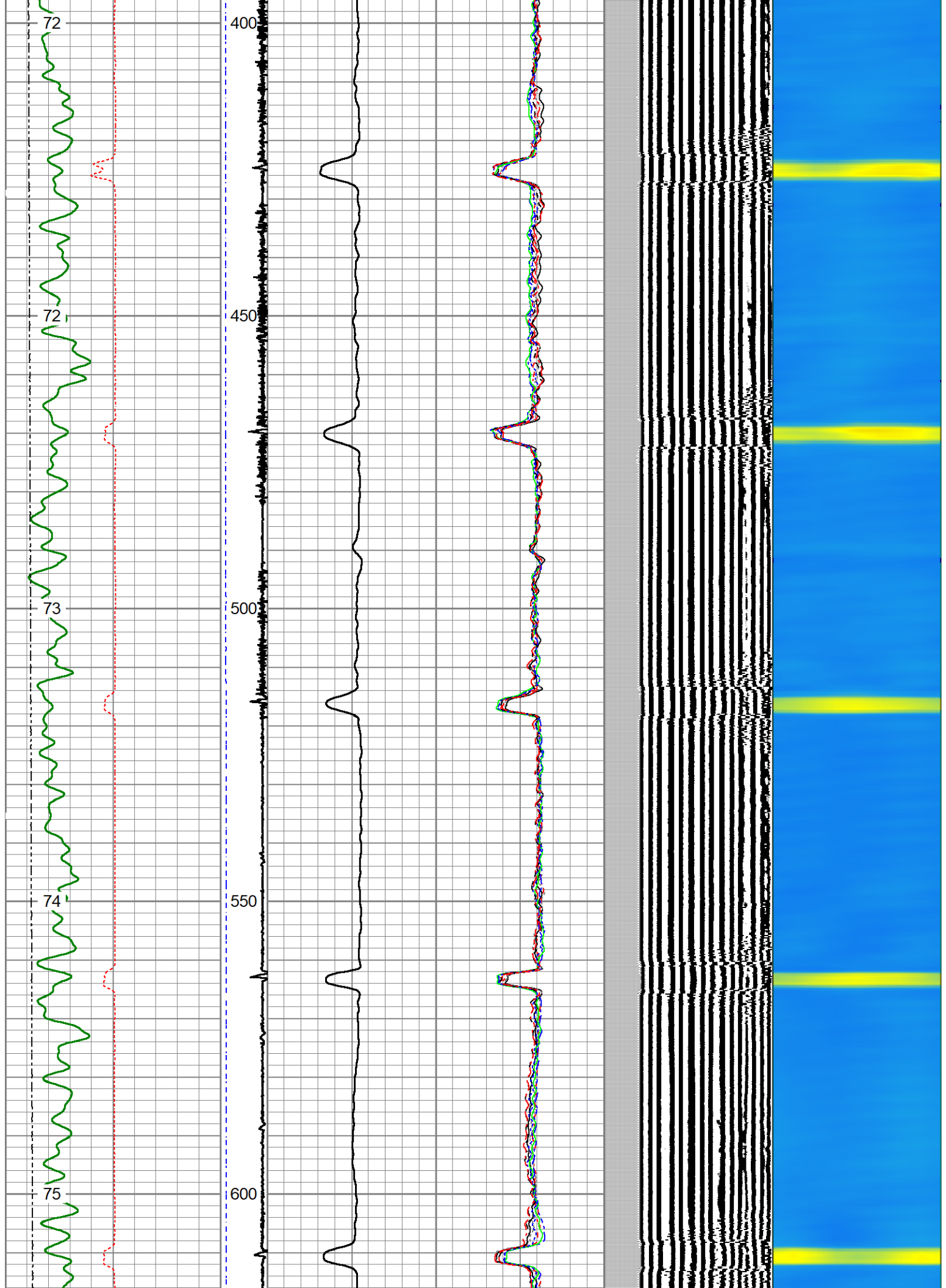
LOG RAN OFF OF 17' KB

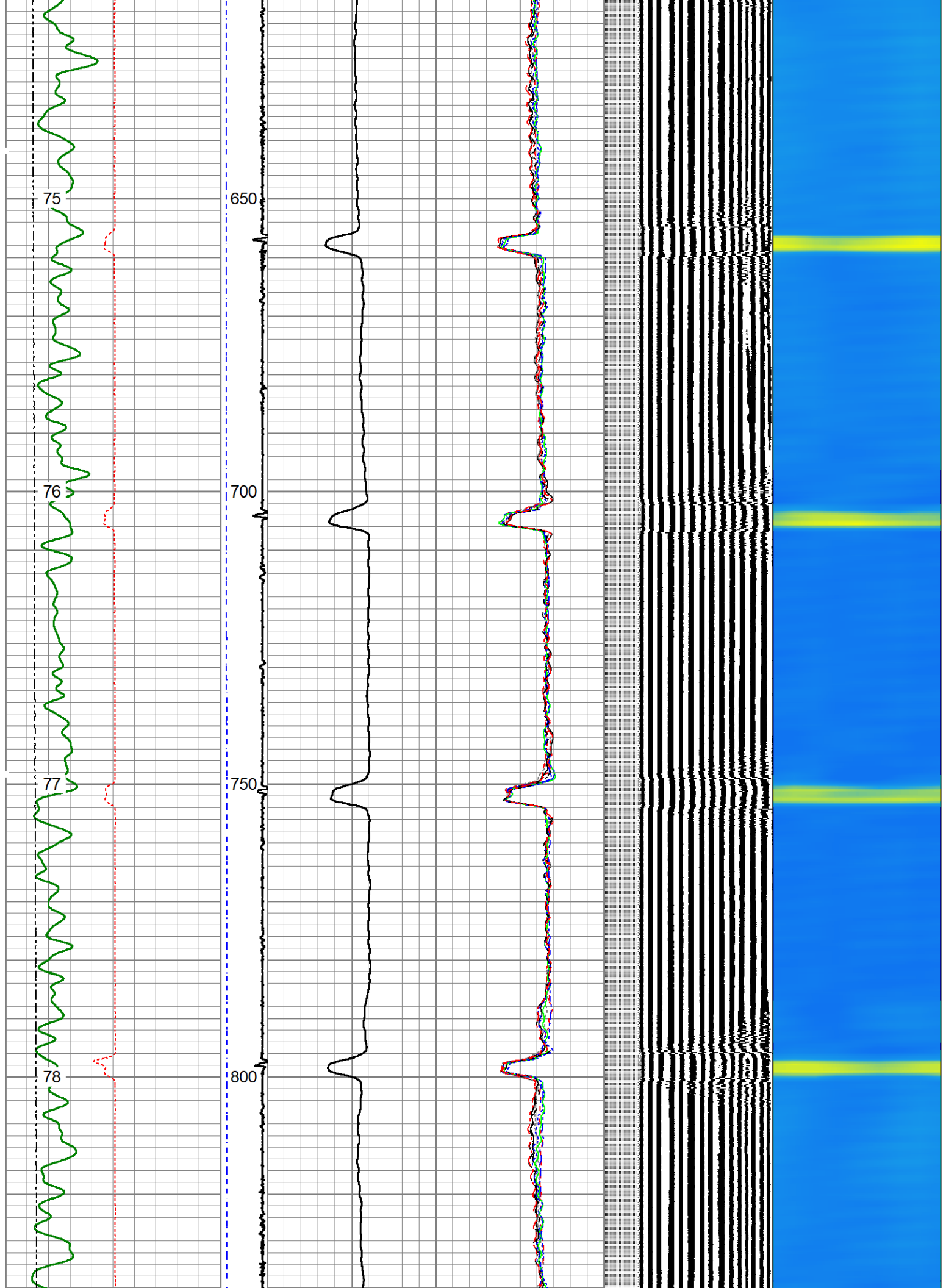
Database File verdad_timbro_ranch_1-41-9-59_rcbl.db
 Dataset Pathname pass4
 Presentation Format klx_rcbl
 Dataset Creation Fri Oct 06 15:04:12 2023
 Charted by Depth in Feet scaled 1:240

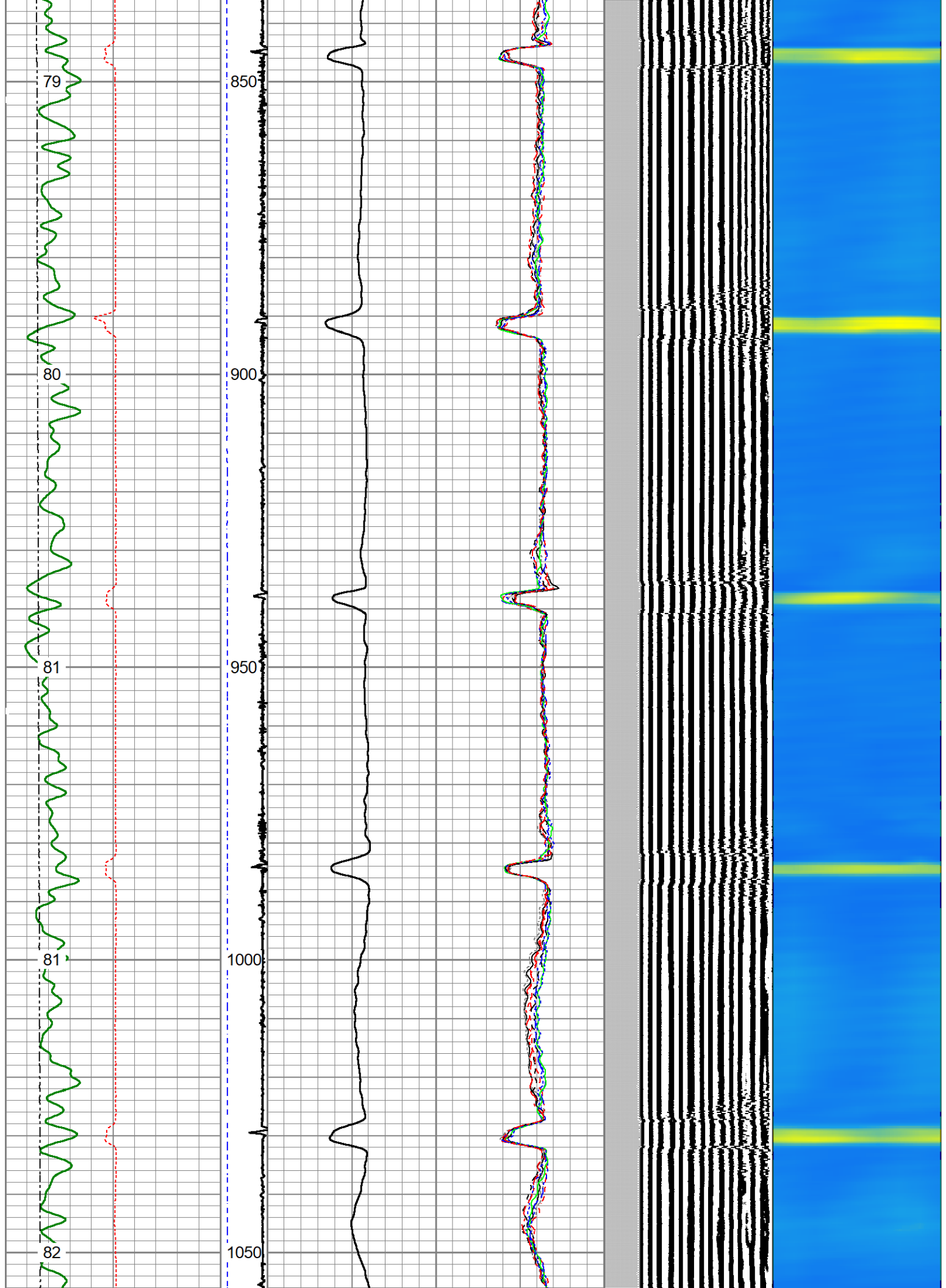
400	Travel Time (usec)	200	9	-1	0	Amplified Amplitude	-5	Sector 1	150	200	Variable Density	1	Cement Map	8
0	Gamma Ray (GAPI)	150			0	(mV)	10	-5	Sector 2	150	(usec)	1200		
50	TEMP (degF)	250	e Tens	0				-5	Sector 3	150				
	TEMP		(lb)					-5	Sector 4	150				
	(degF)		(2000					-5	Sector 5	150				
								-5	Sector 6	150				
								-5	Sector 7	150				
								-5	Sector 8	150				

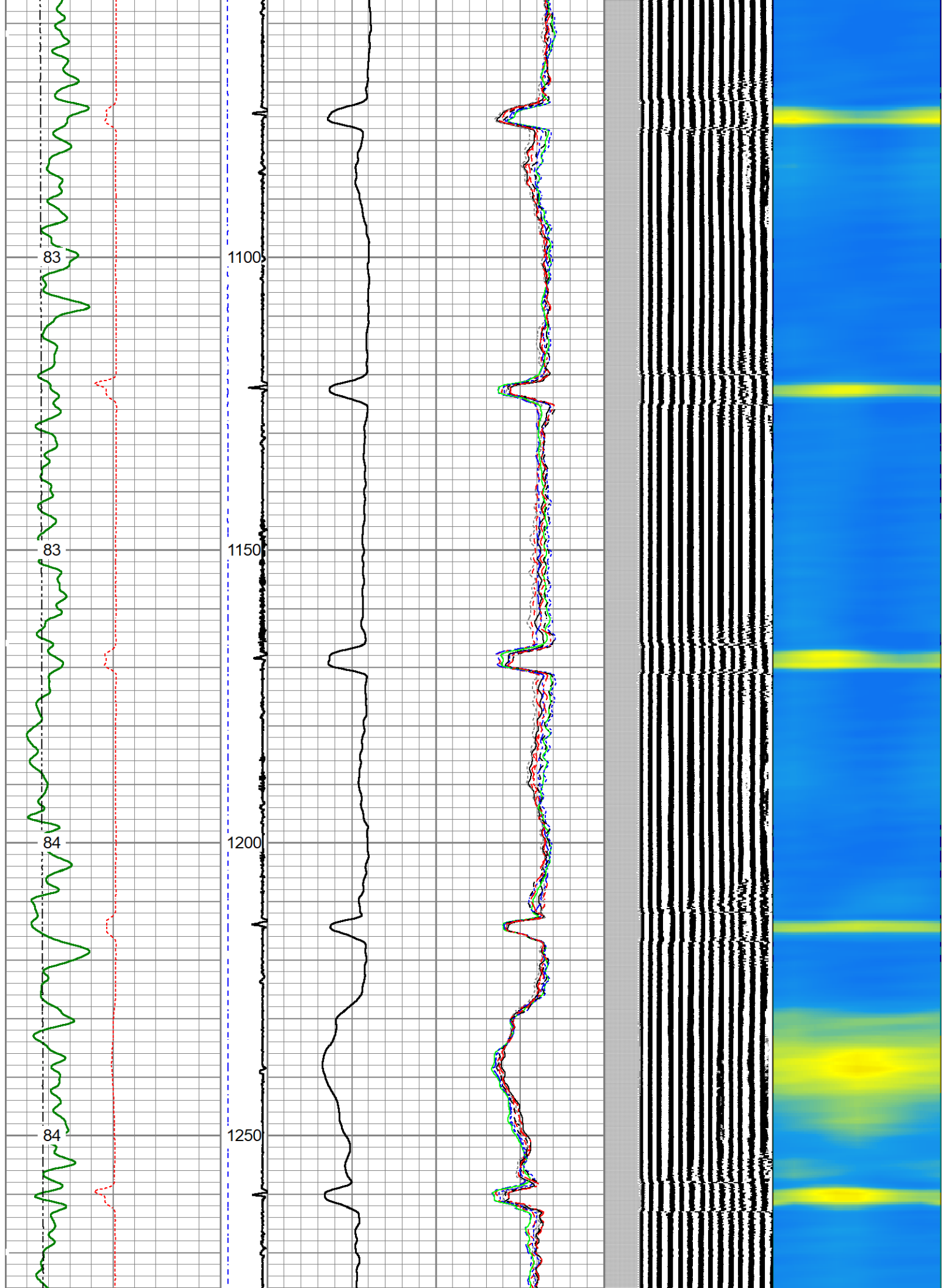


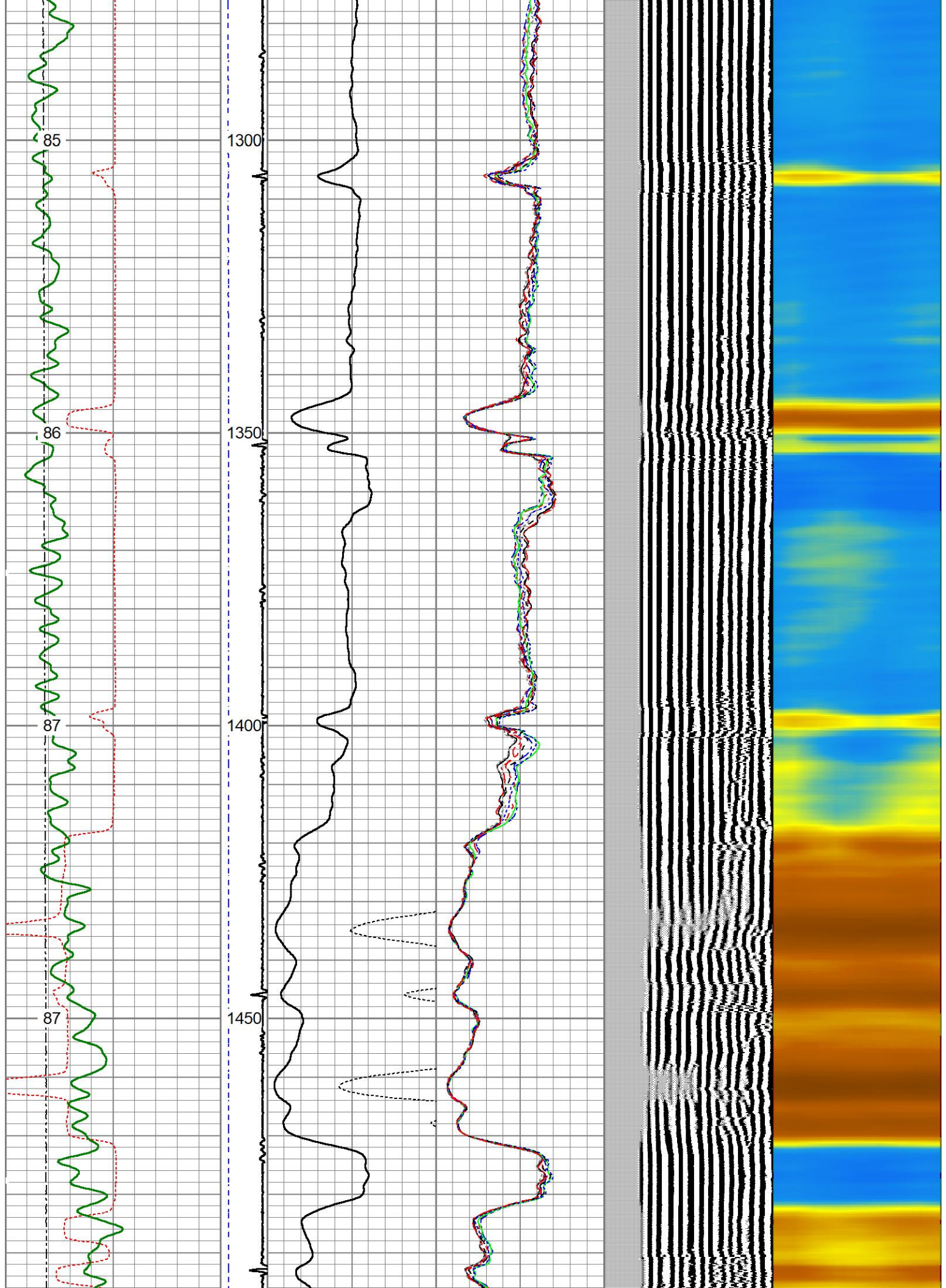


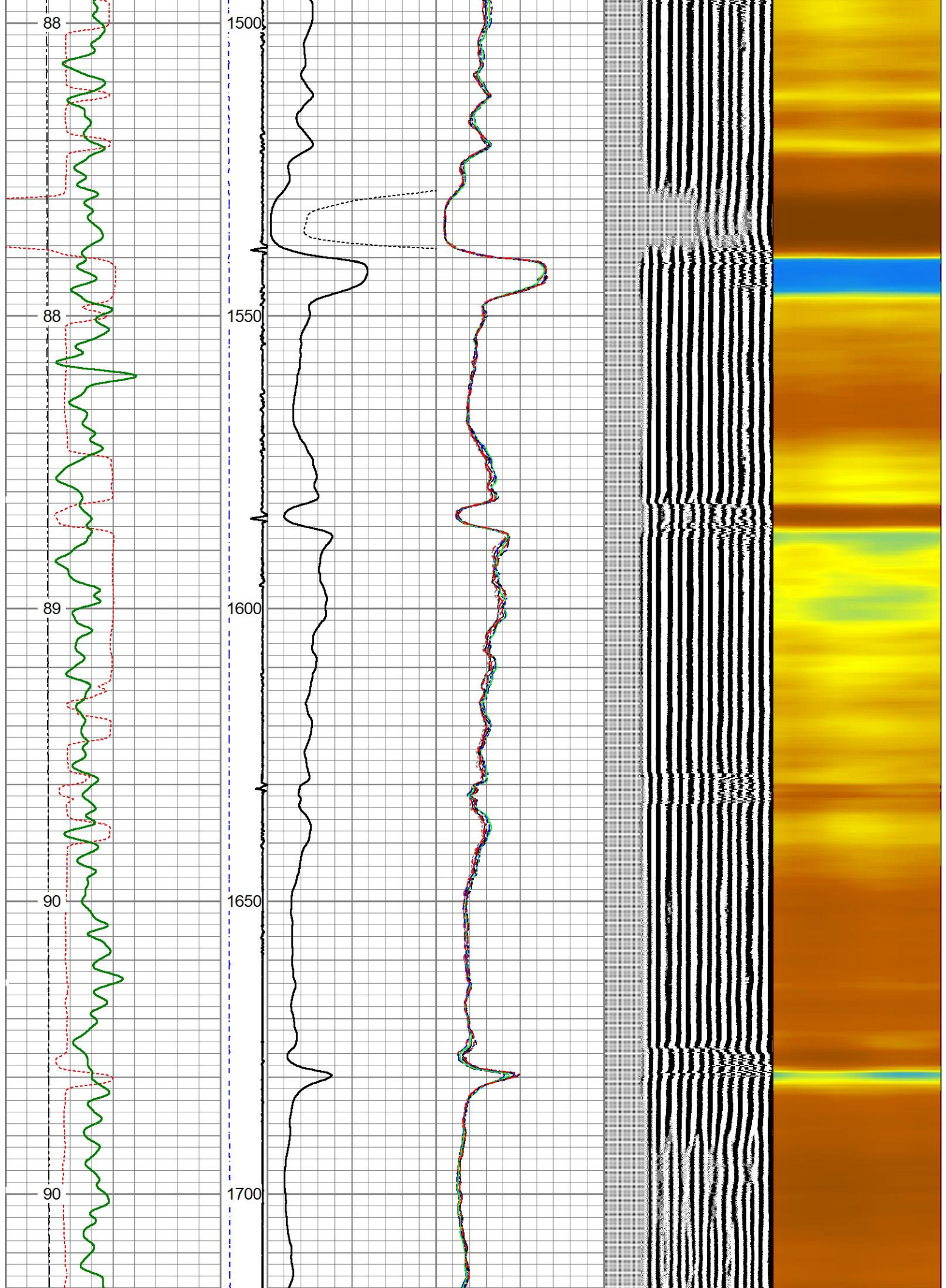


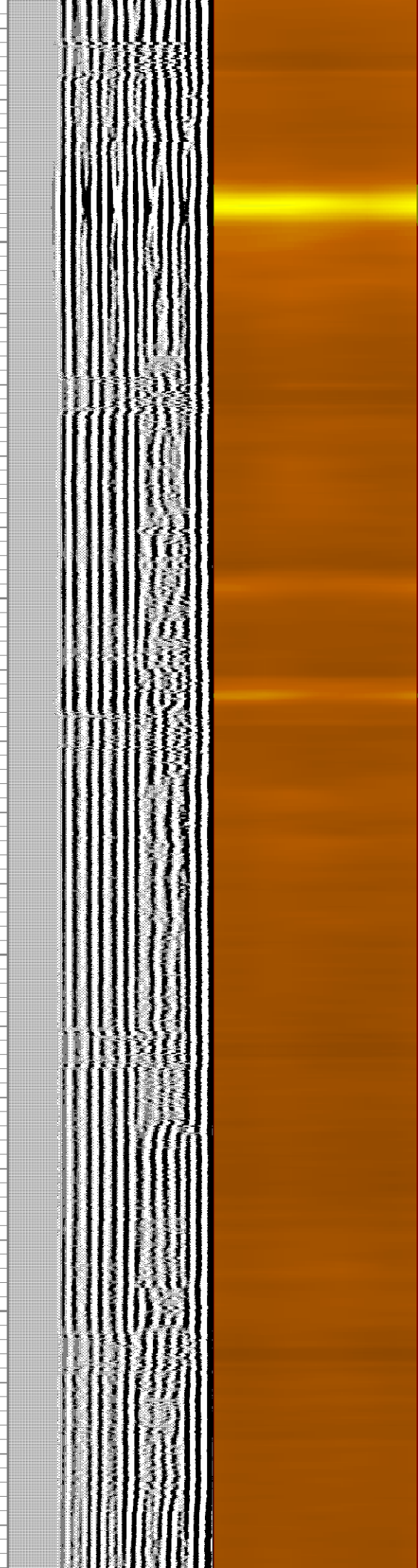
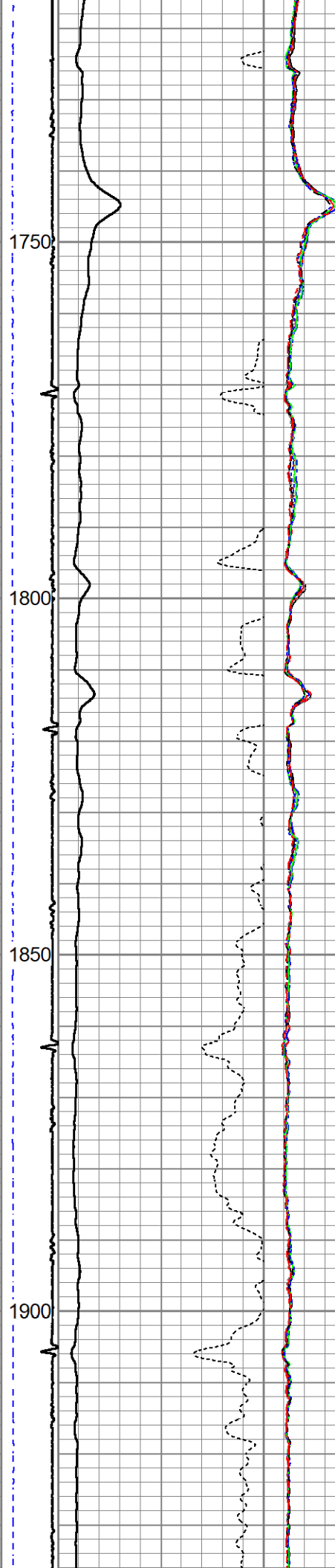
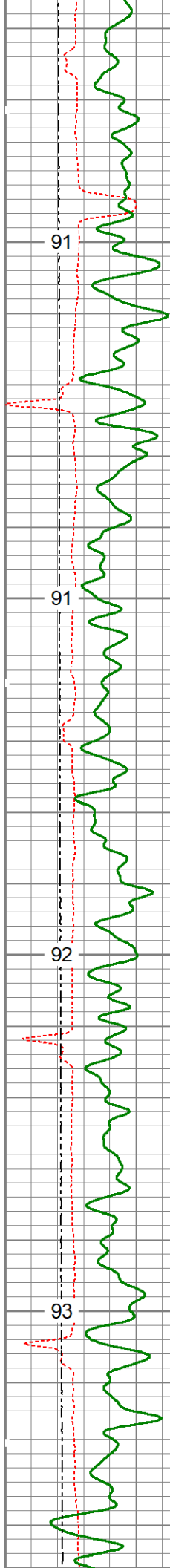


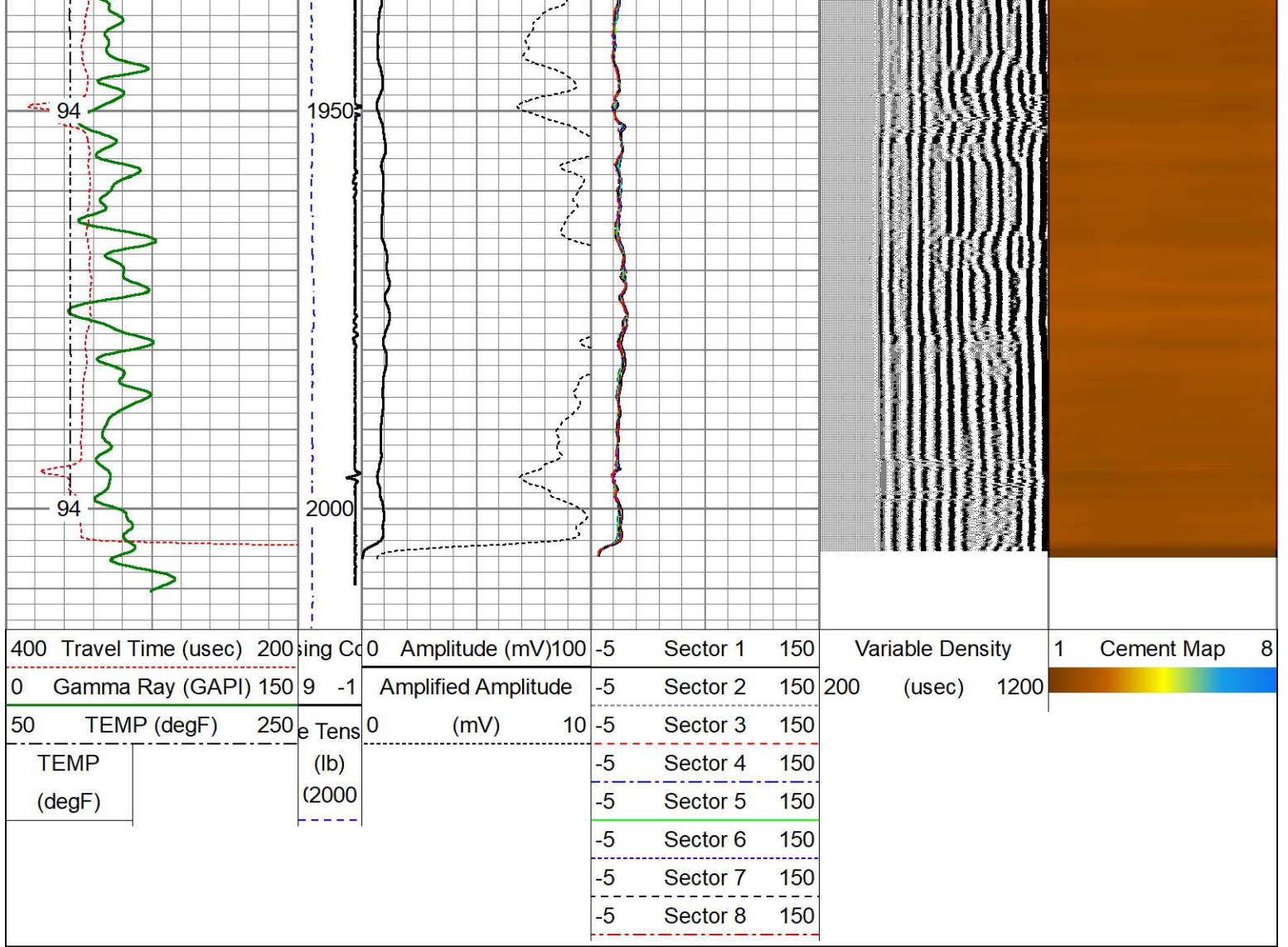












Calibration Report

Database File verdad_timbro_ranch_1-41-9-59_rcbl.db
 Dataset Pathname pass4
 Dataset Creation Fri Oct 06 15:04:12 2023

Gamma Ray Calibration Report

Type / Serial: Probe275dig / 080831

SHOP CALIBRATION

(Not Performed)

Background	Counts/Sec.	Gain	Offset	Jig	Units
Calibrator	0.0				cps
	1.0				cps
		1.0000			GAPI/cps

PRIMARY VERIFICATION

Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

BEFORE SURVEY VERIFICATION

Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

AFTER SURVEY VERIFICATION

Background	0.0		cps
Calibrator	0.0		cps
Difference		0.0	GAPI

Segmented Cement Bond Log Calibration Report

Serial Number: FW1302-125
 Tool Model: Probe 2.75 Radii W/Temp
 Calibration Casing Diameter: 7.000 in
 Calibration Depth: 71.508 ft

Master Calibration, performed Fri Oct 6 14:54:25 2023:


	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.002	0.991	0.800	62.165	62.042	0.664
CAL	0.001	1.239				
5'	0.004	0.587	0.800	62.165	105.285	0.328
SUM						
S1	-0.008	0.898	0.000	100.000	110.321	0.887
S2	0.001	0.980	0.000	100.000	102.180	-0.131
S3	0.001	1.078	0.000	100.000	92.805	-0.054
S4	0.000	1.122	0.000	100.000	89.136	-0.003
S5	0.001	1.076	0.000	100.000	93.012	-0.111
S6	0.001	0.968	0.000	100.000	103.436	-0.085
S7	-0.000	0.905	0.000	100.000	110.470	0.043
S8	0.001	0.875	0.000	100.000	114.463	-0.155

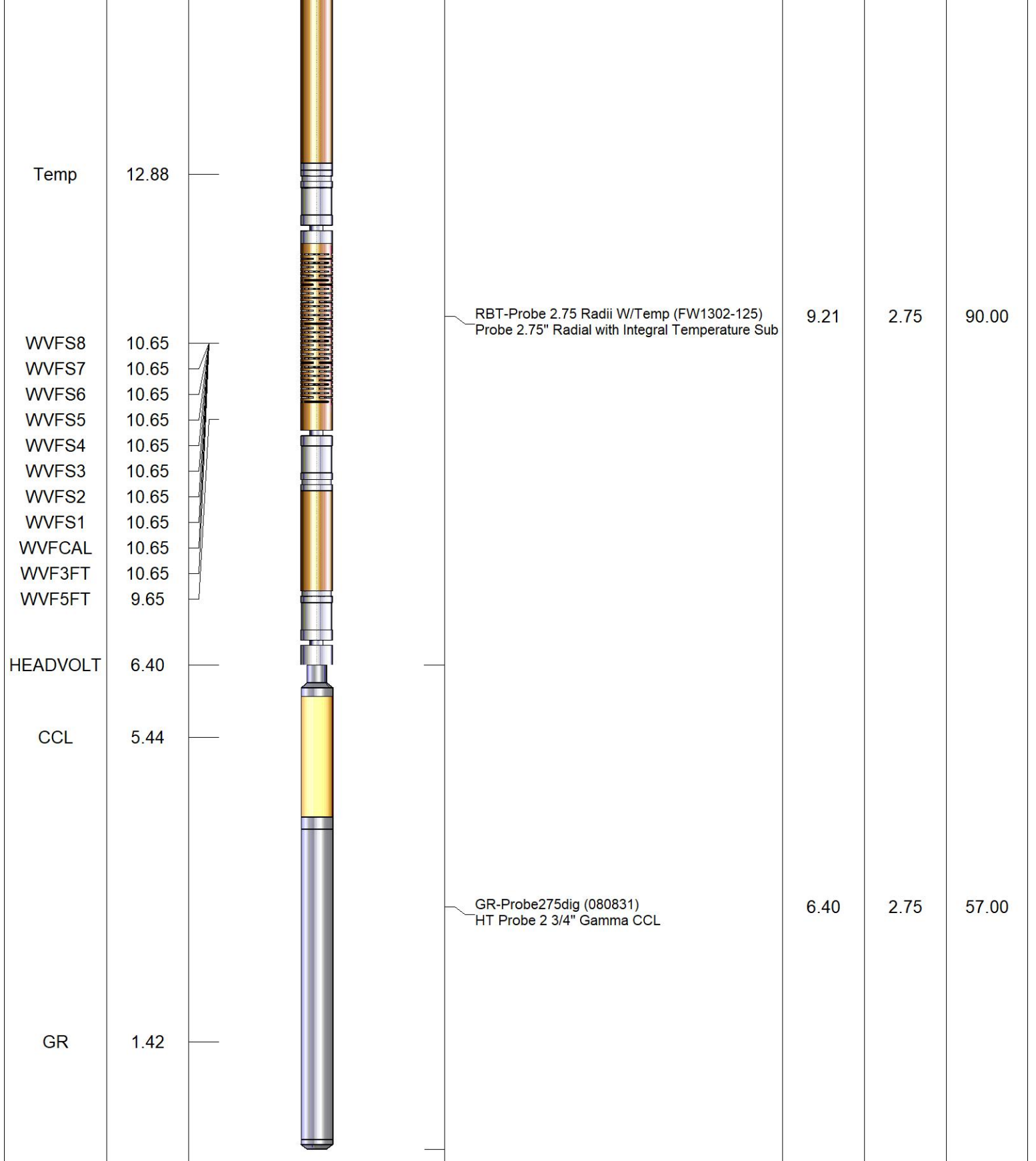
Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.001	1.239	1.000	0.000

Air Zero Calibration, performed Fri Oct 6 14:27:15 2023:

	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

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
HeadVolt	15.73		CHD-Titan Titan 1 7/16" GO Cablehead	1.00	1.44	5.00



Dataset: verdad_timbro_ranch_1-41-9-59_rcbl.db: field/well/run1/pass4
 Total length: 16.60 ft
 Total weight: 152.00 lb
 O.D.: 2.75 in