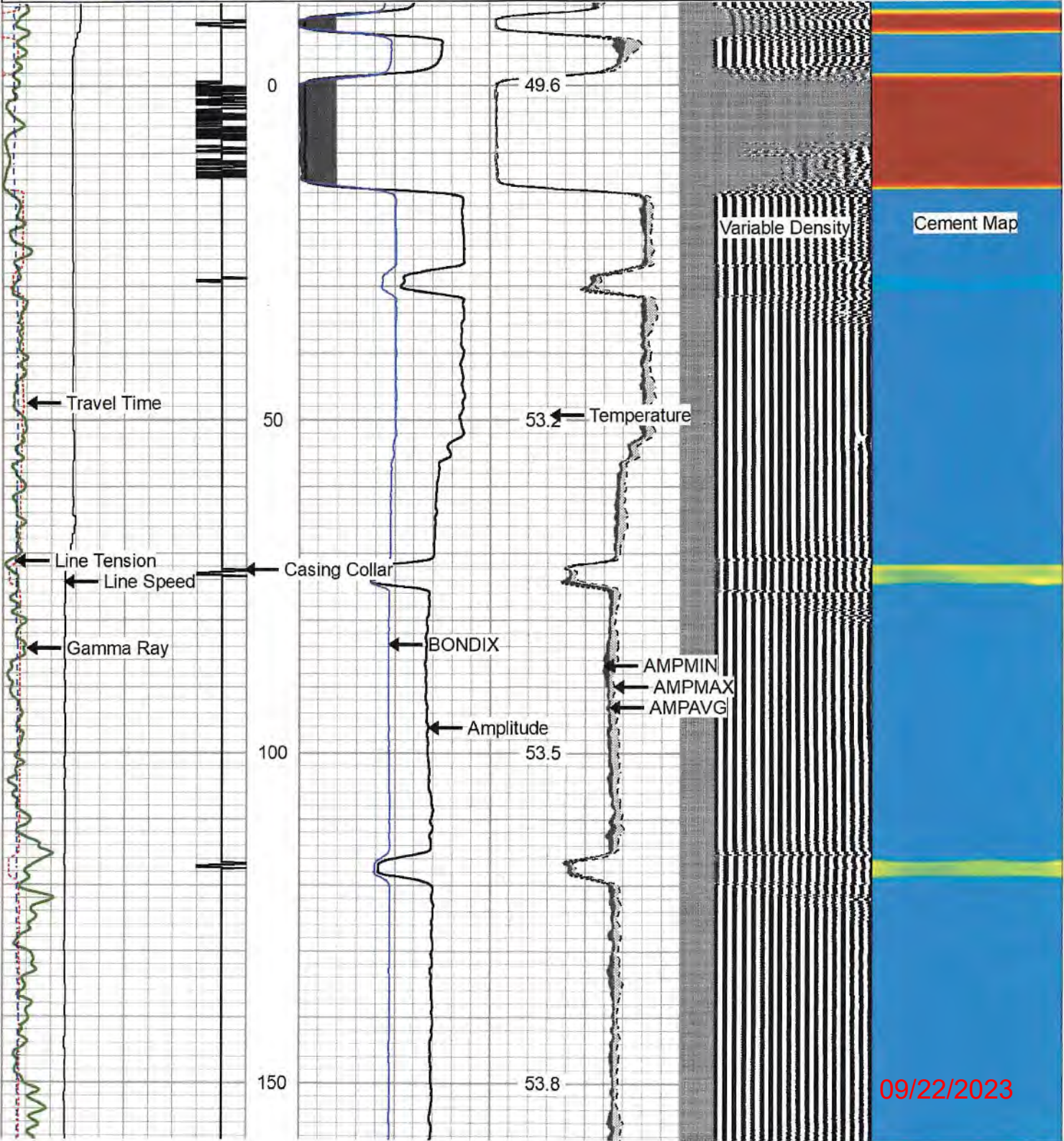
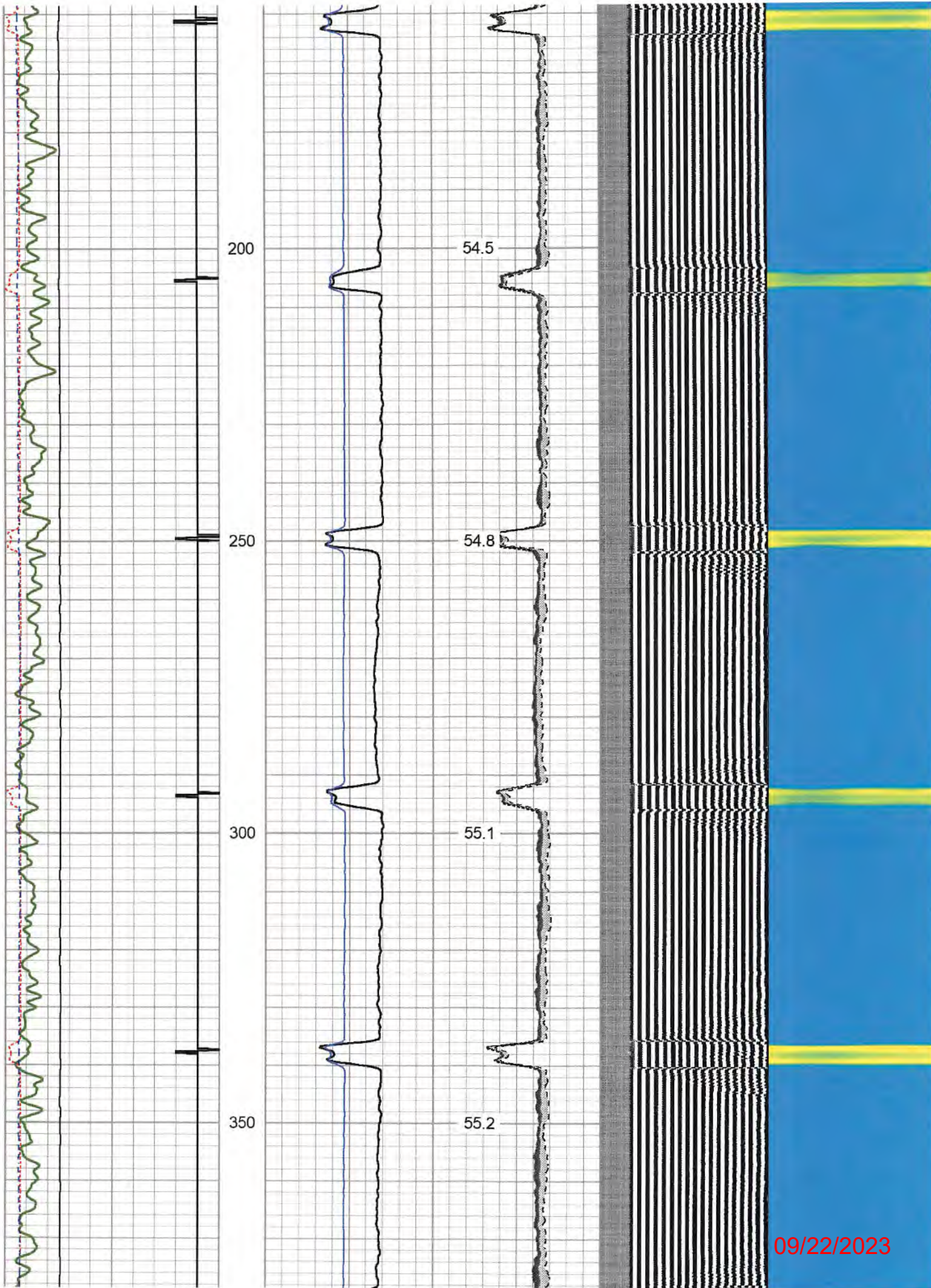


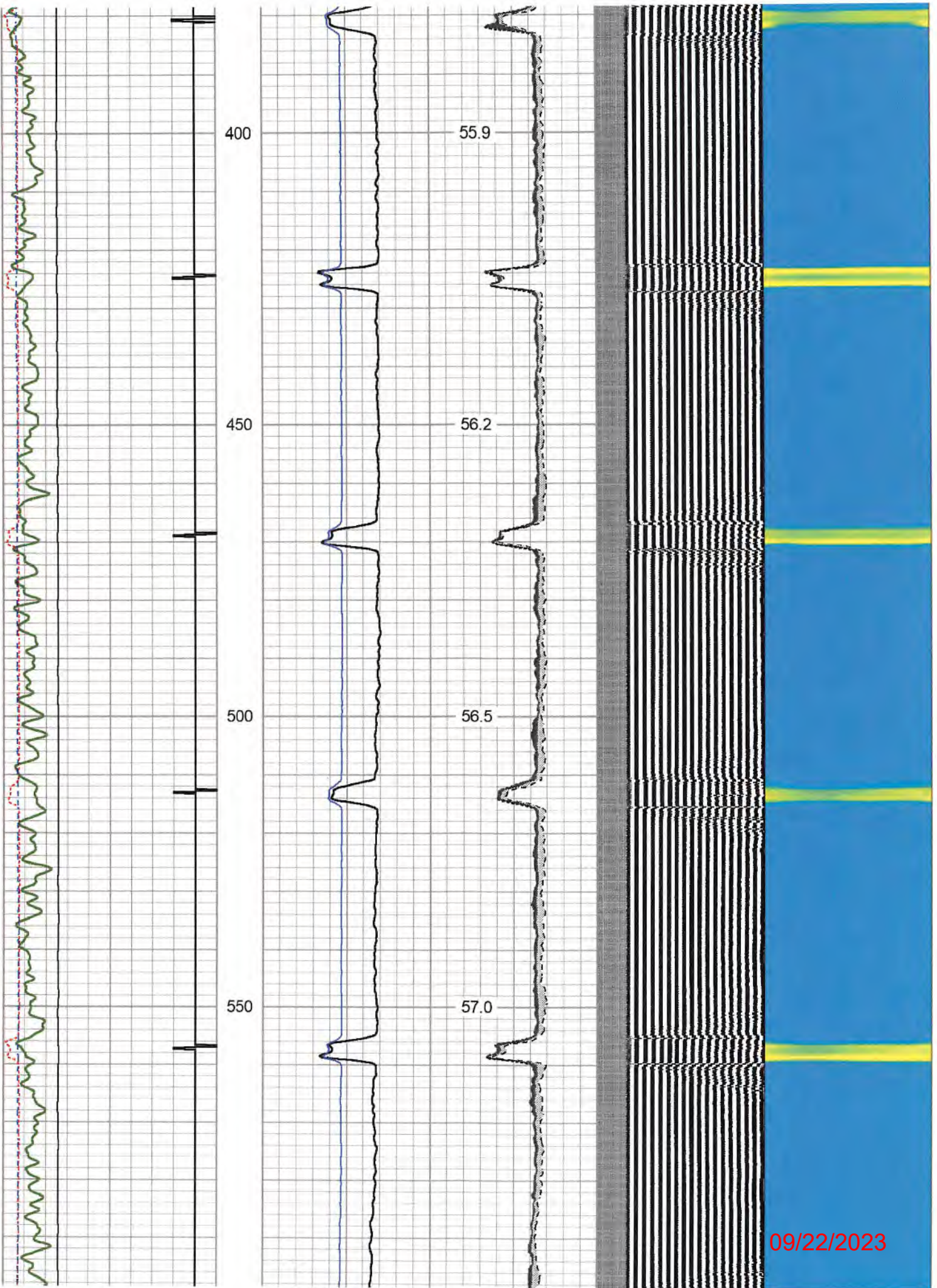
Database File antero_forster_1h_rcbl_20_jan_2023.db
 Dataset Pathname forster1h/run1/pass4
 Presentation Format rcbl 2
 Dataset Creation Fri Jan 20 10:34:35 2023
 Charted by Depth in Feet scaled 1:240

270	Travel Time (usec)	160	0	Amplitude (mV)	100	-5	AMPMIN	150	Variable Density	1	Cement Map	8
9	Casing Collar	-1	1	BONDIX	0	-5	AMPMAX	150	200	(usec)	1200	
0	Gamma Ray (GAPI)	150				-5	AMPAVG	150				
	Line Speed						TEMP					
-200	(ft/min)	200					(degF)					
0	Line Tension (lb)	5000										

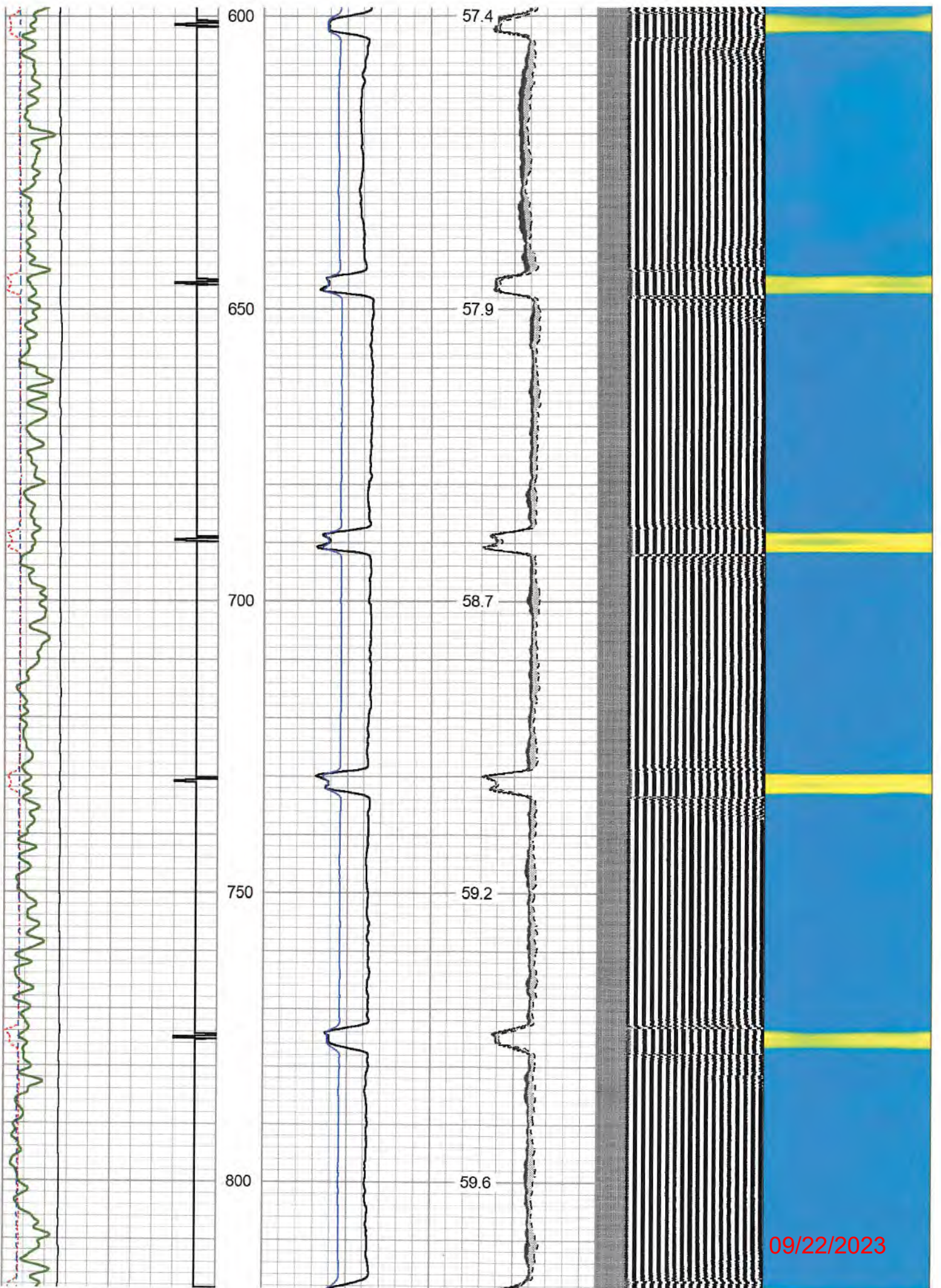




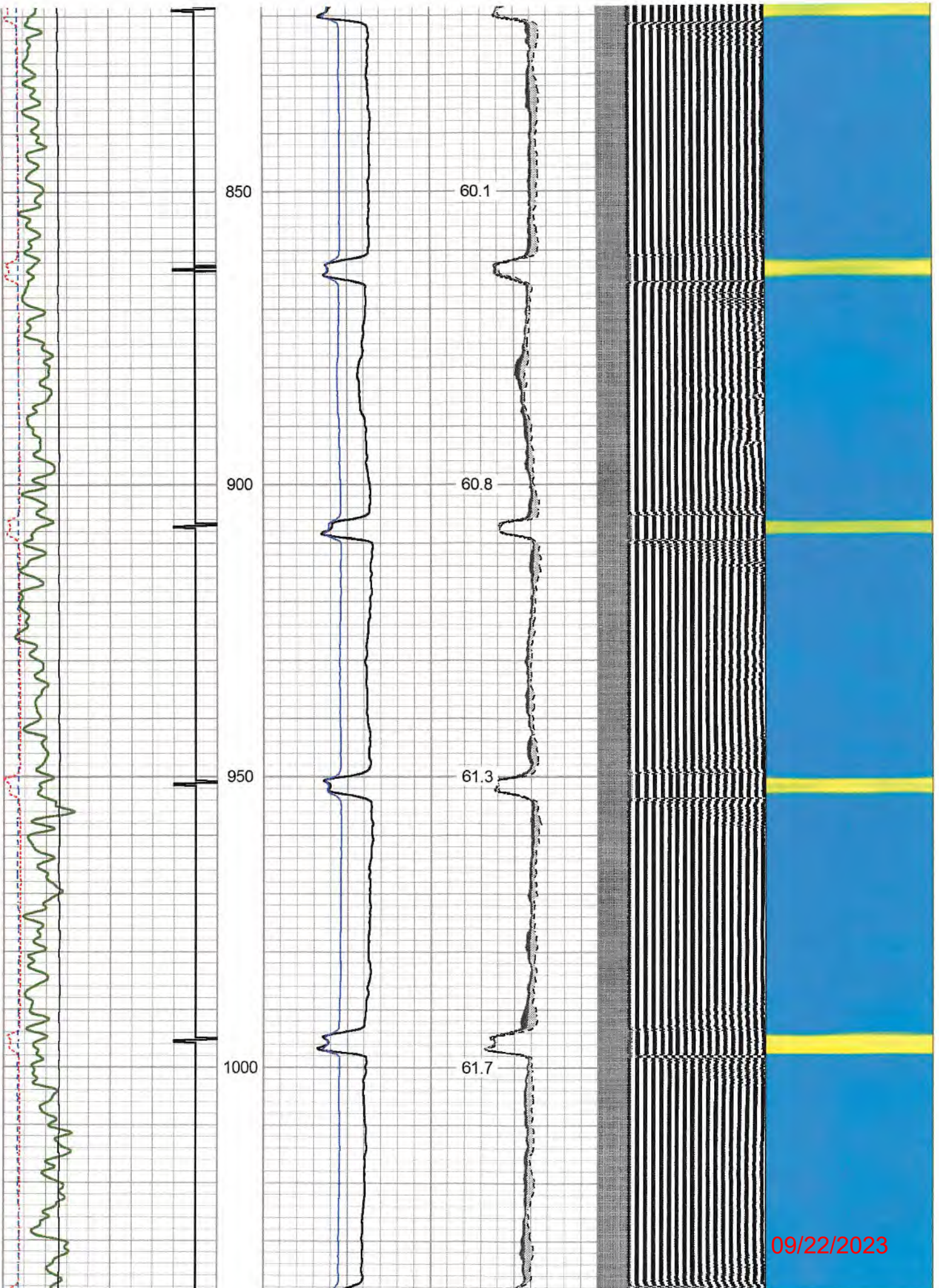
09/22/2023



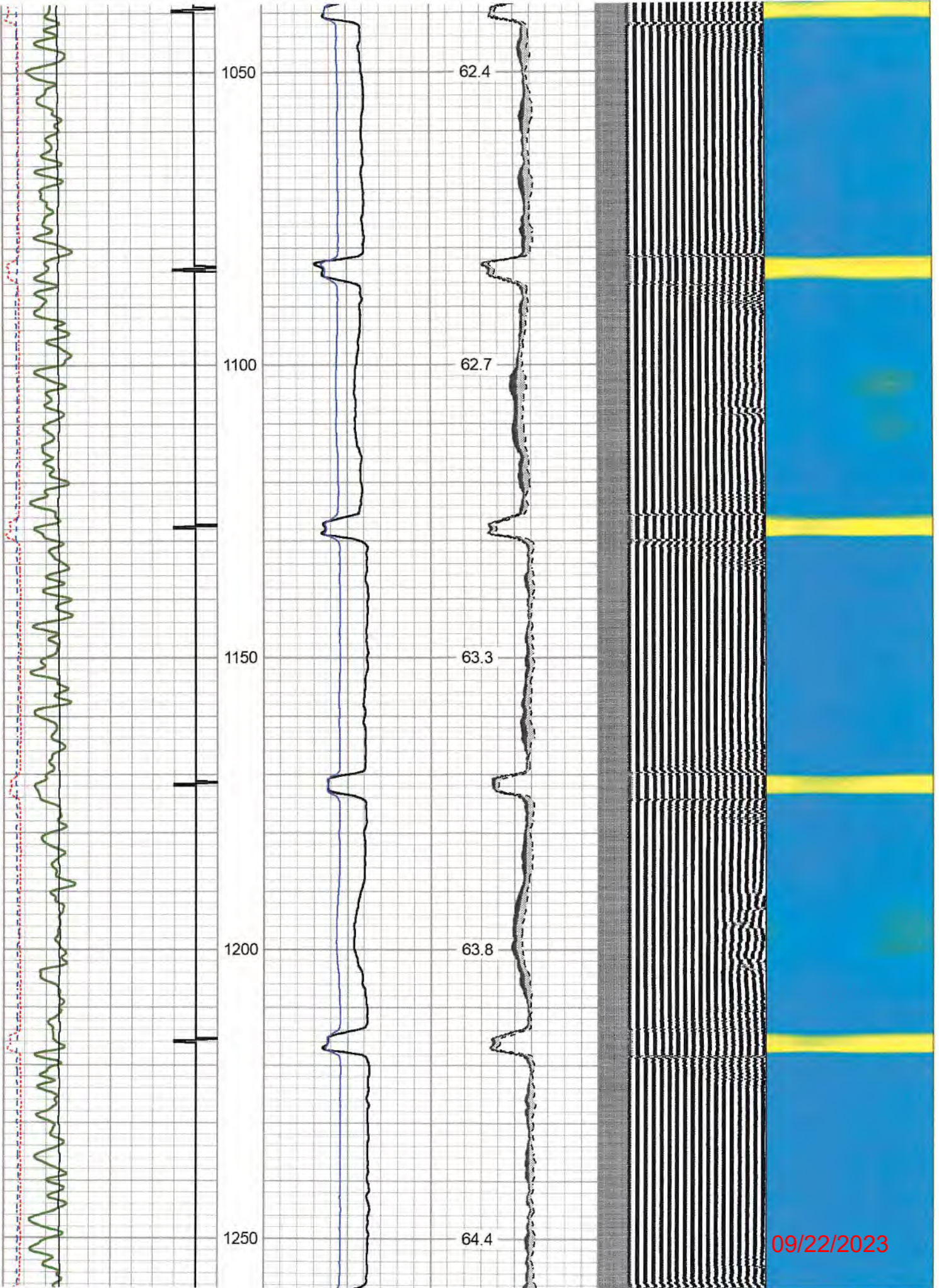
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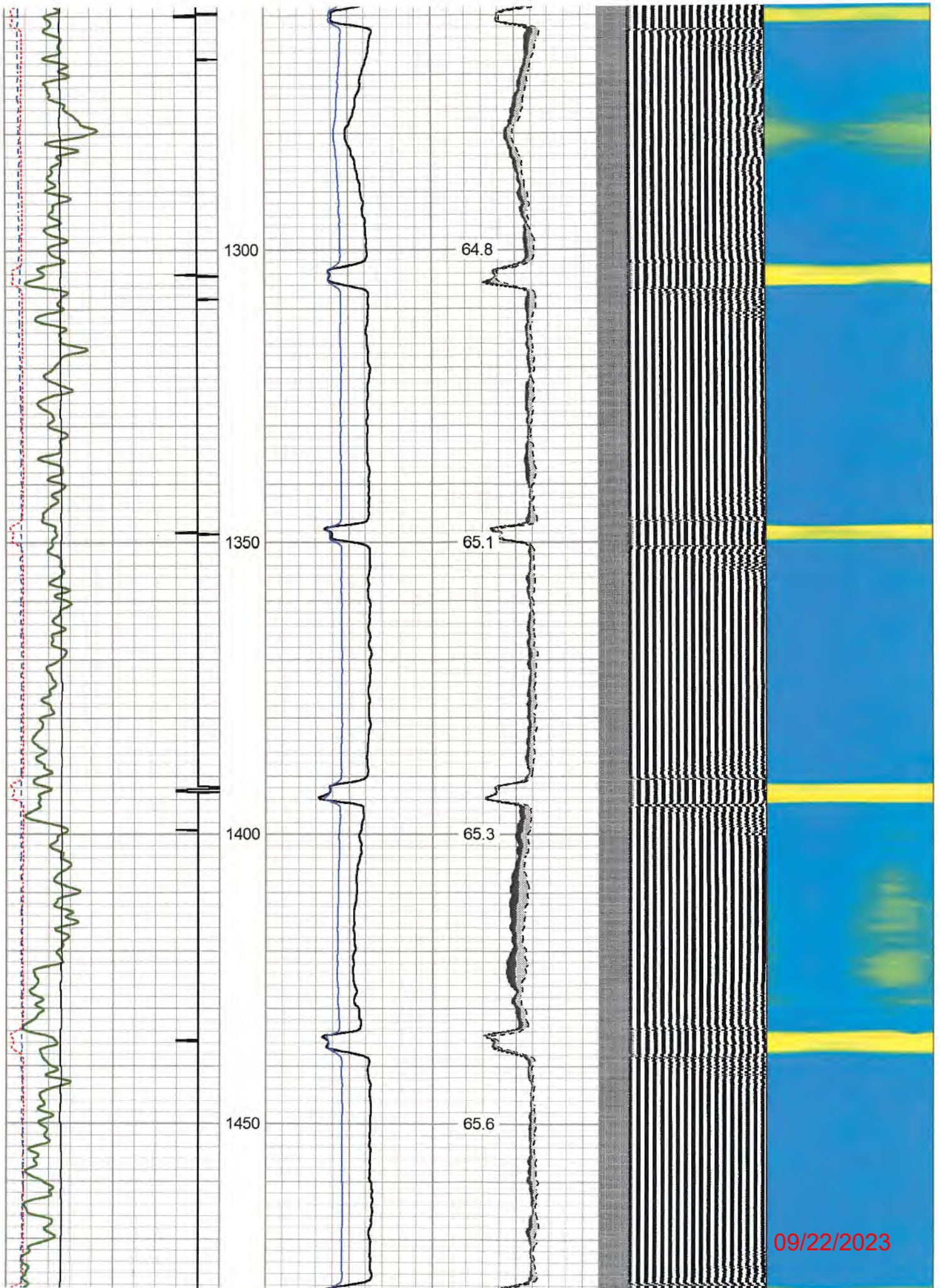
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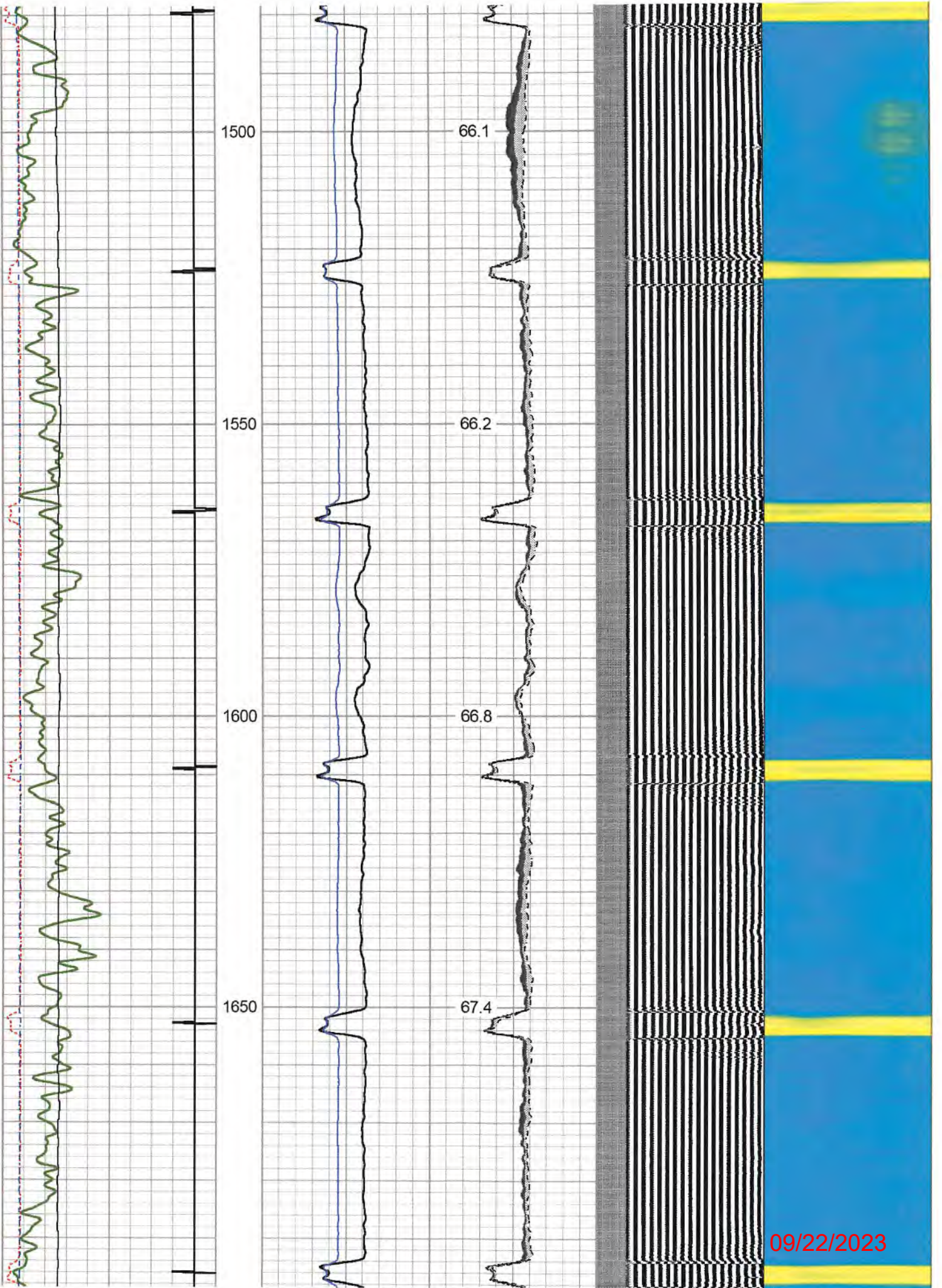
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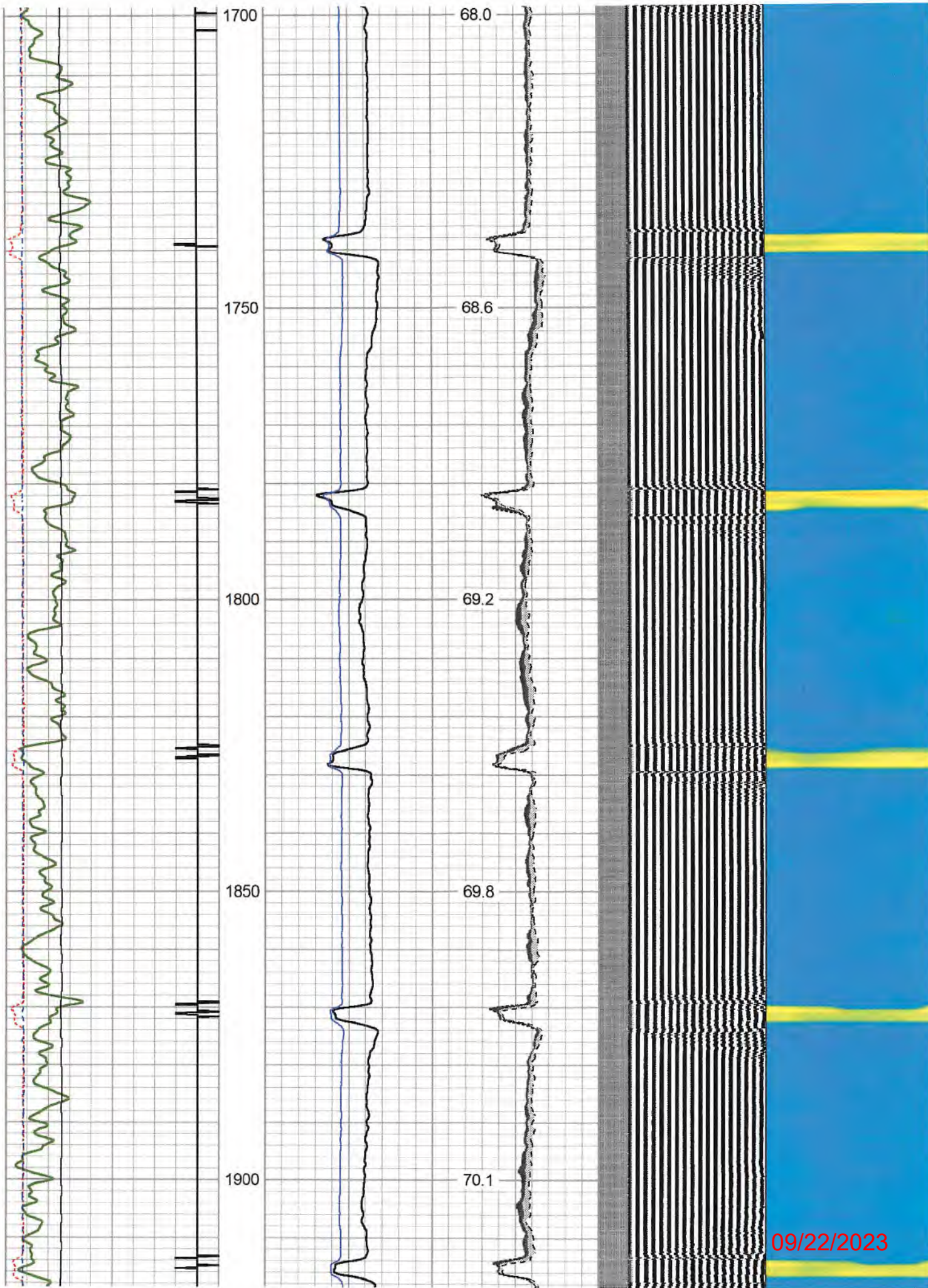


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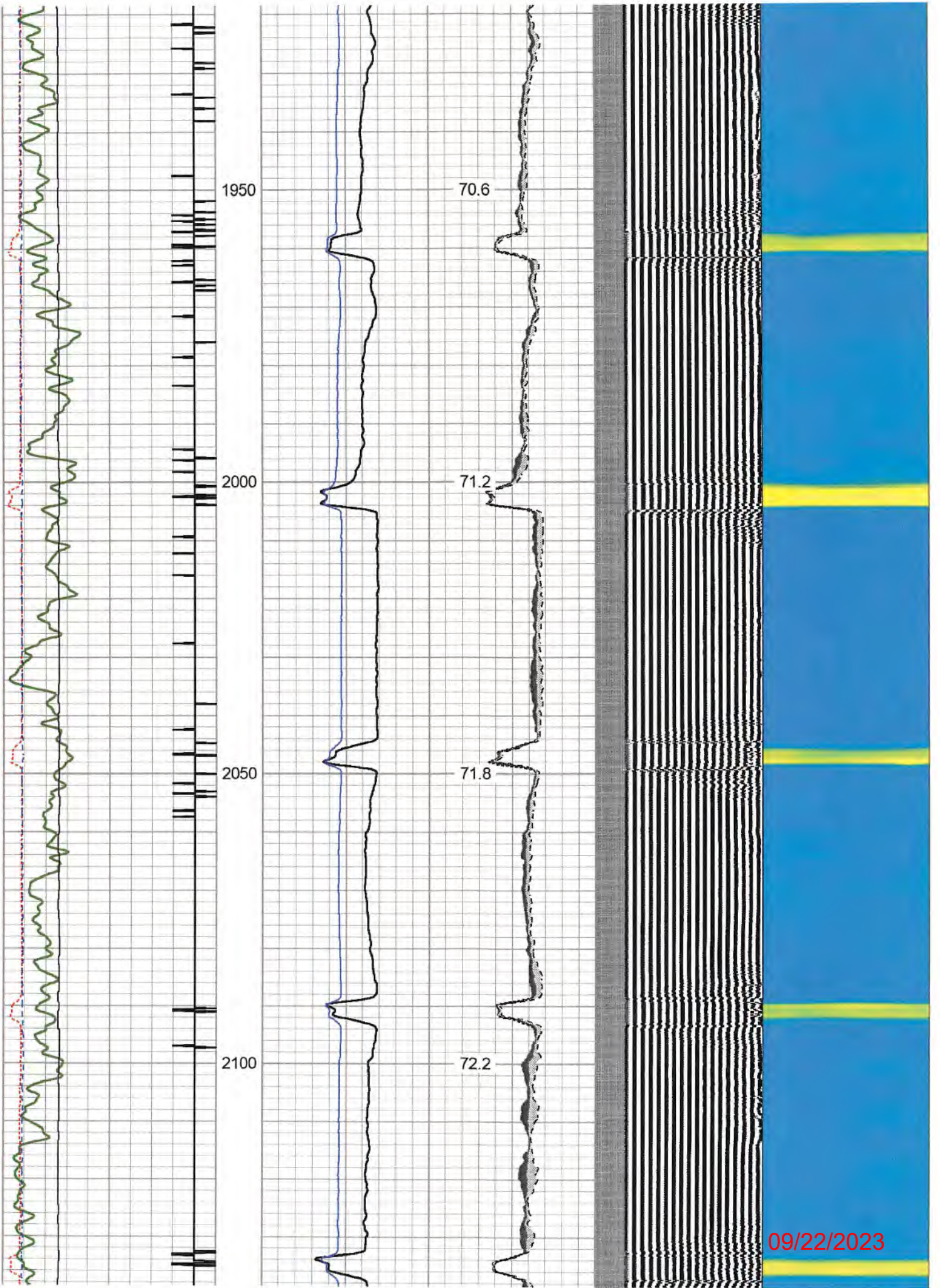


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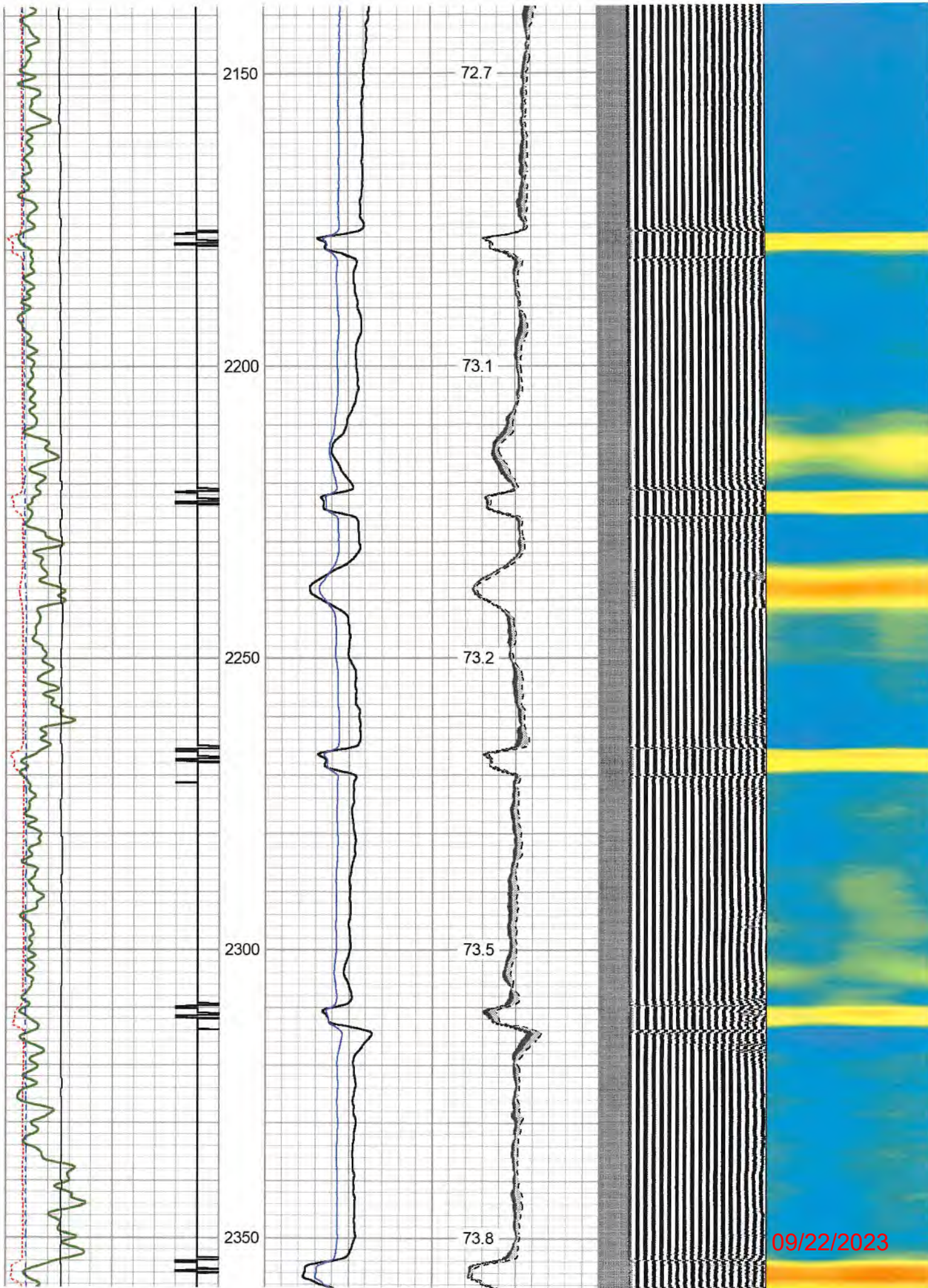




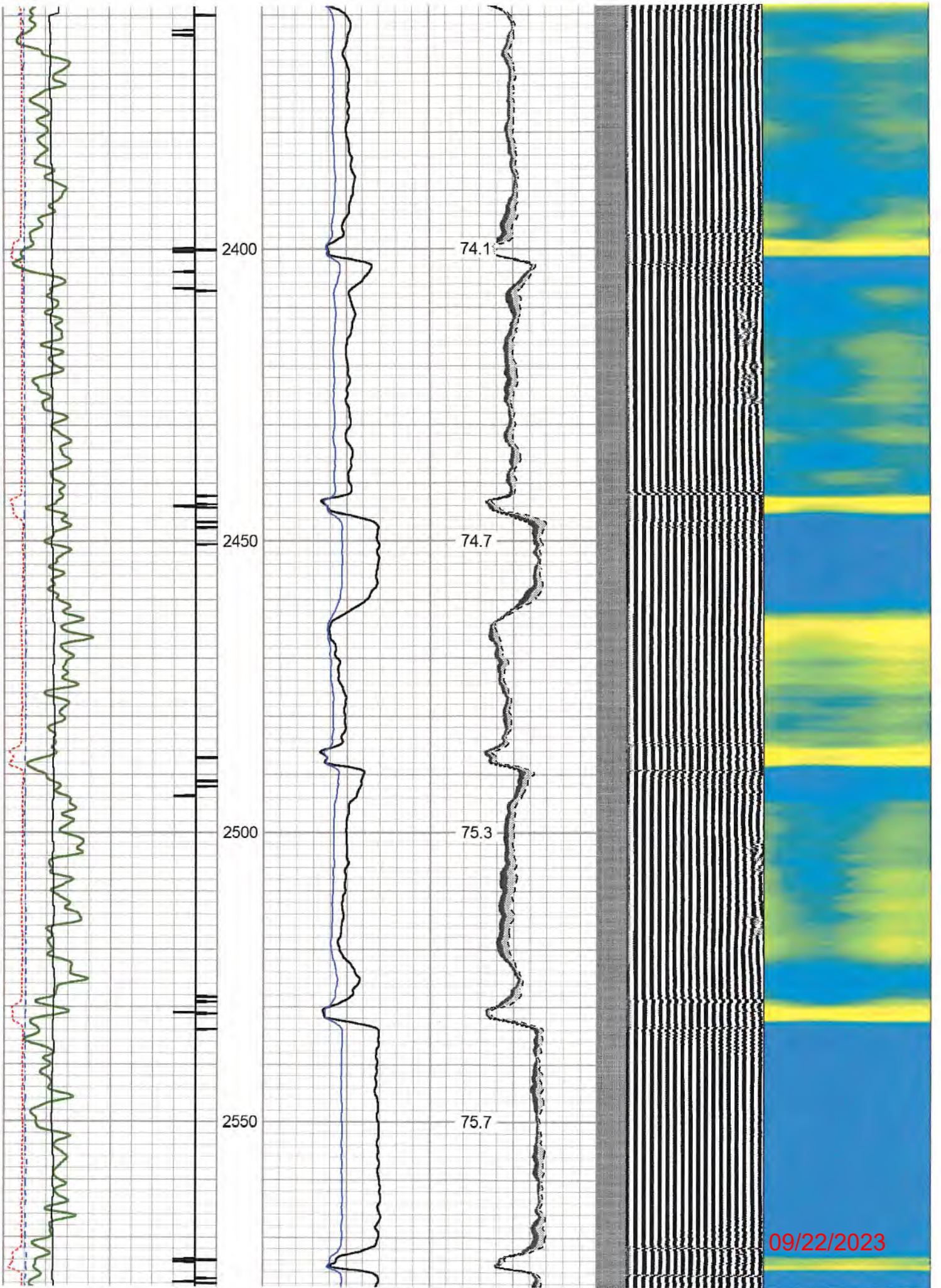
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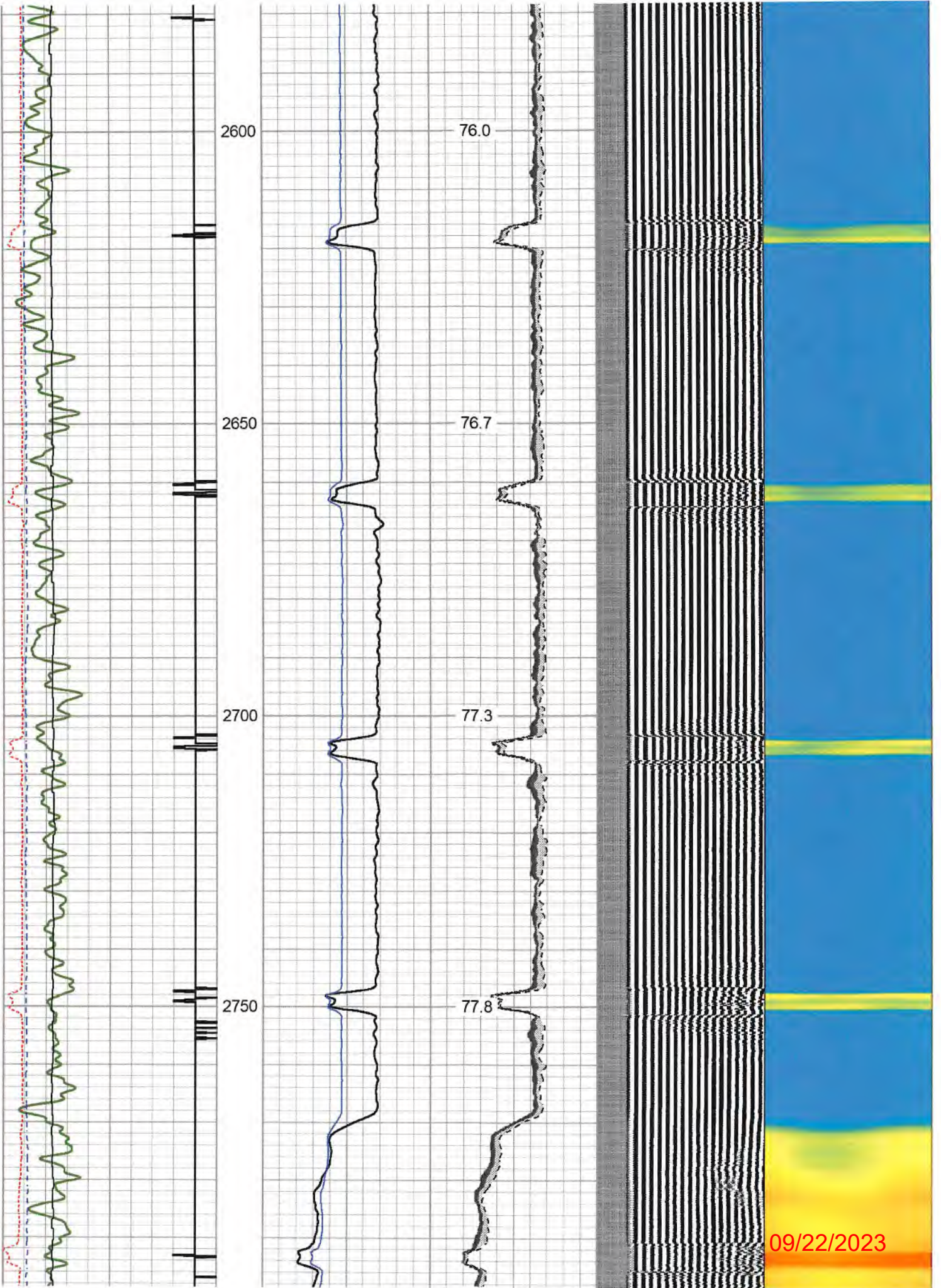
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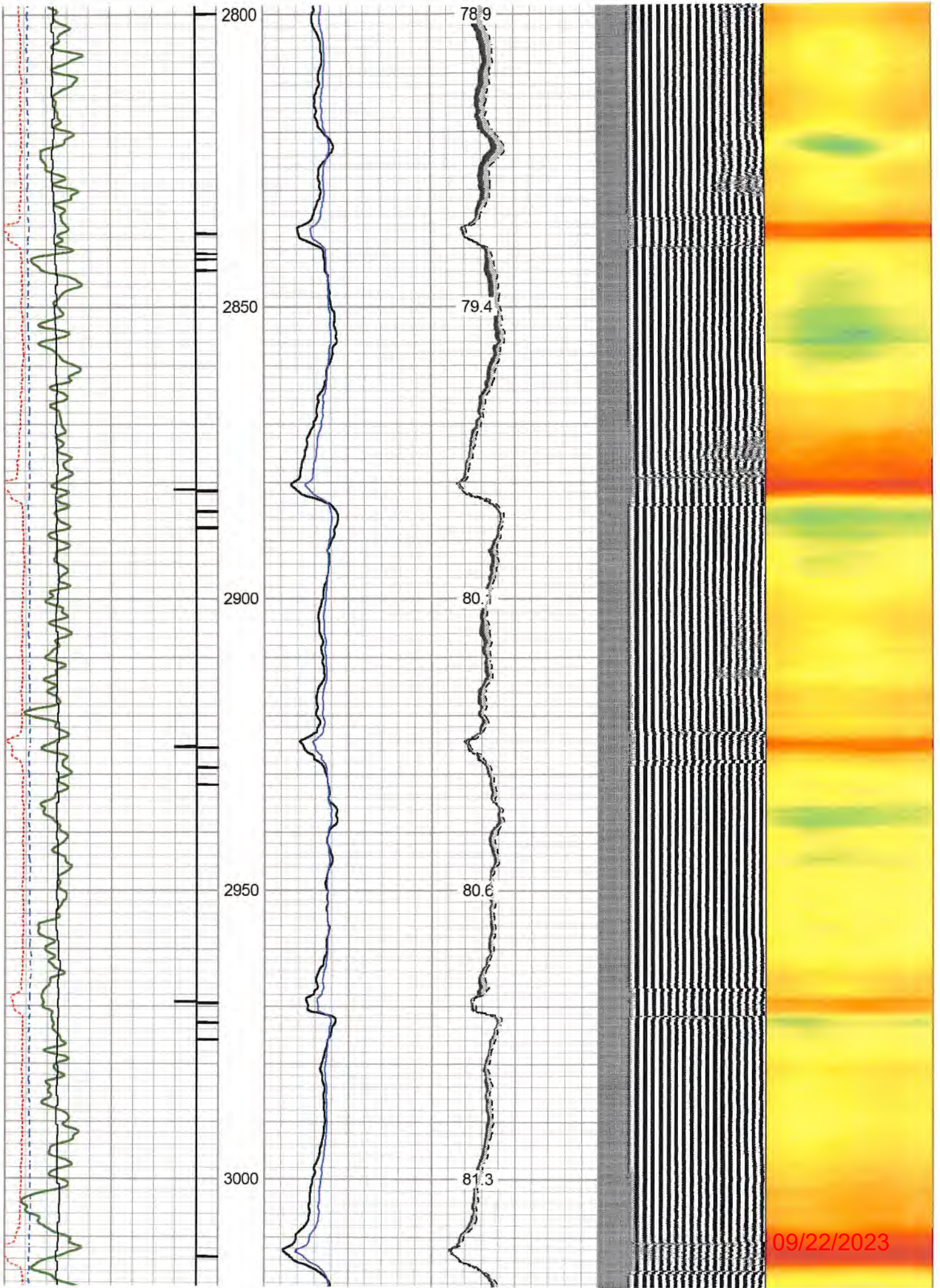


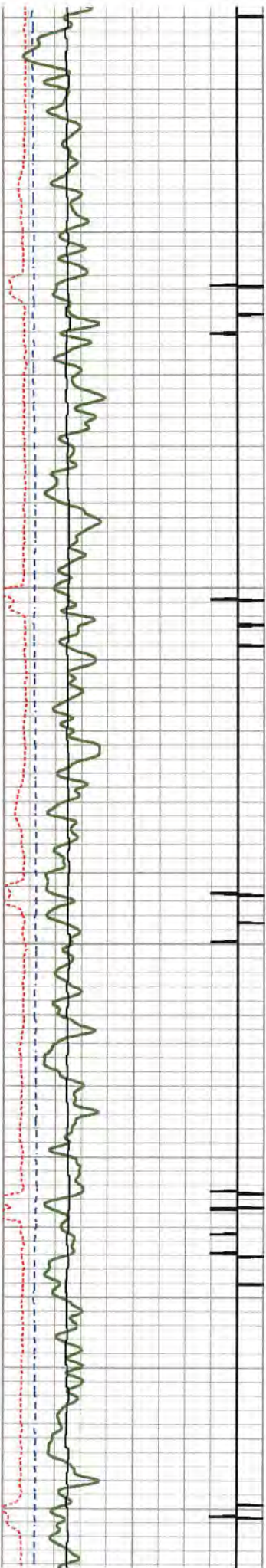
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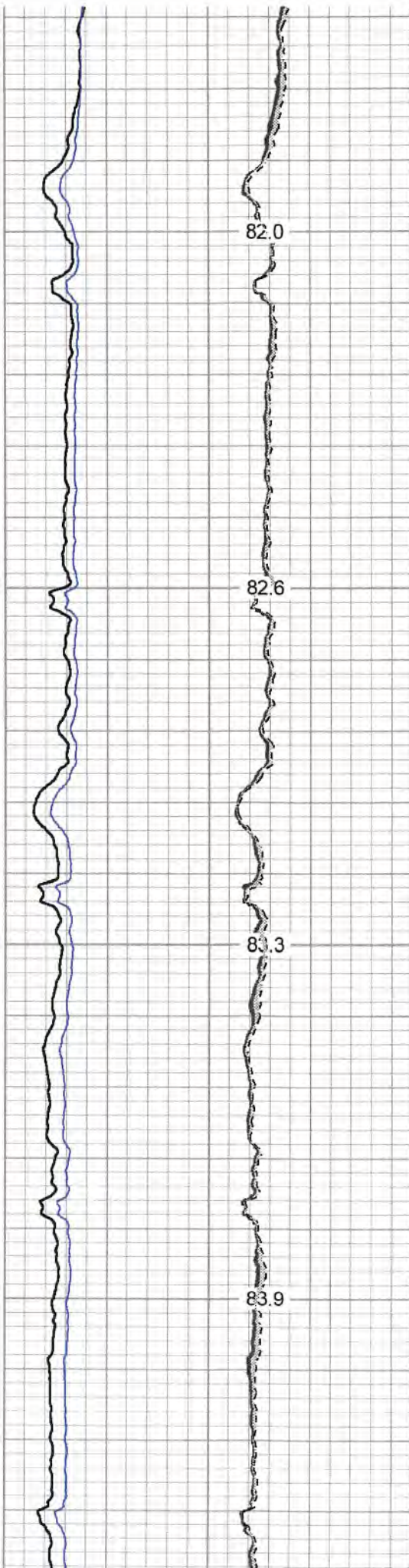


3050

3100

3150

3200

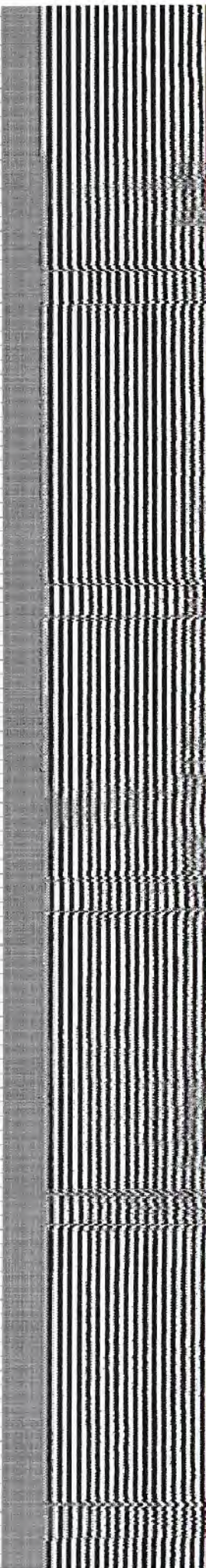


82.0

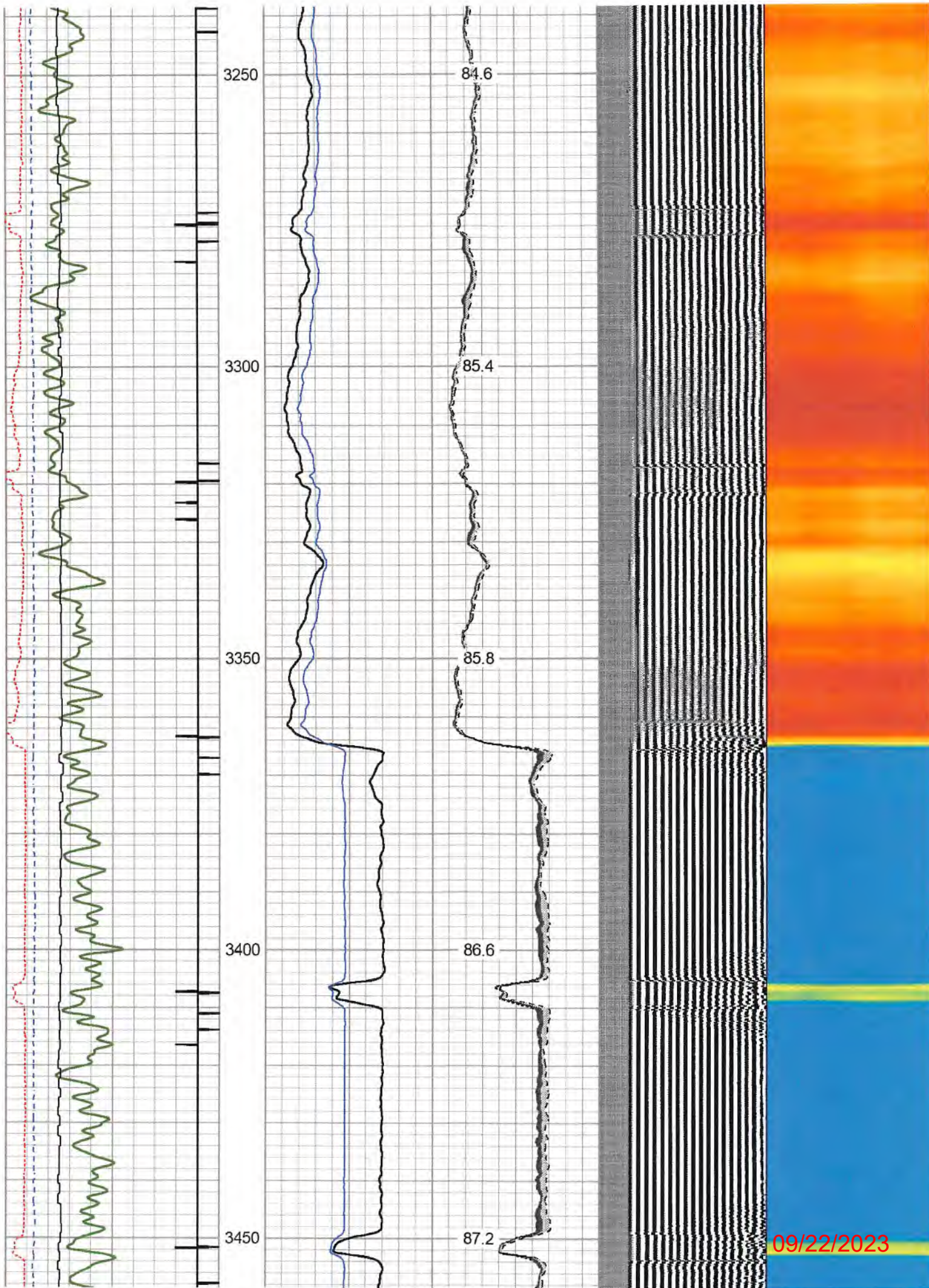
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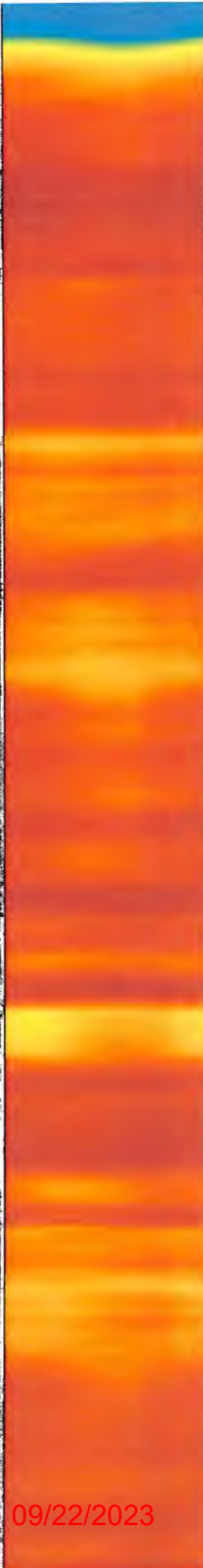
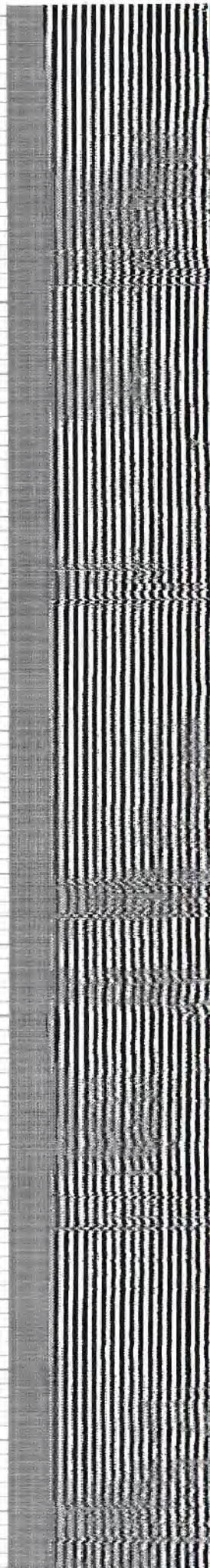
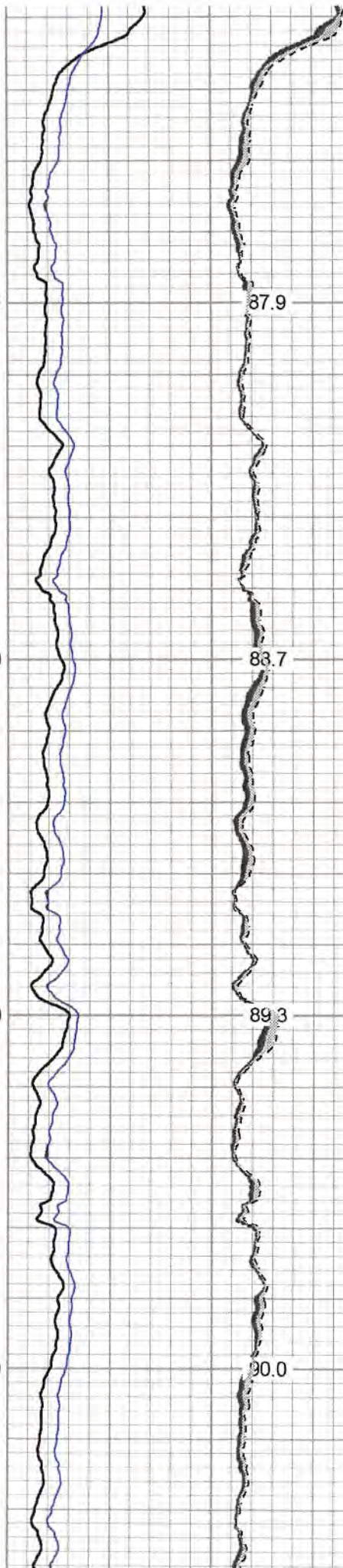
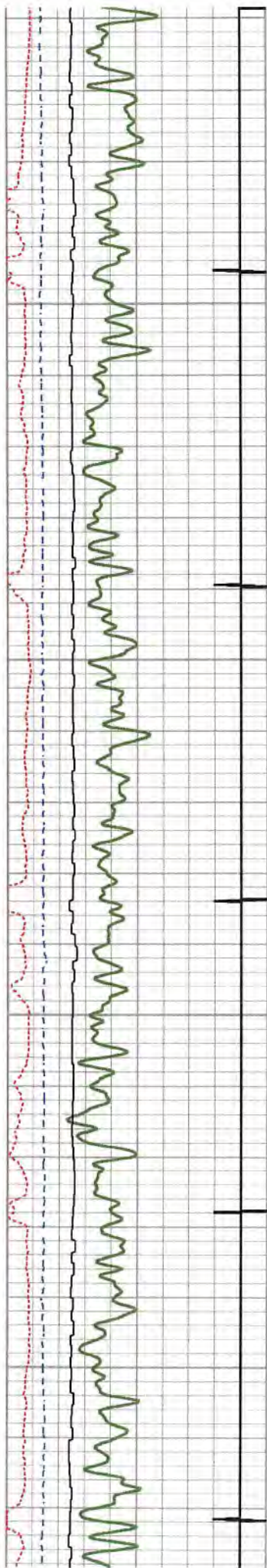
83.3

83.9

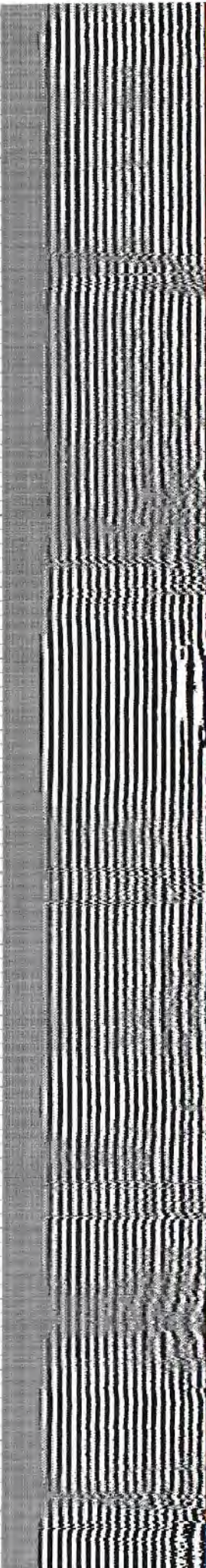
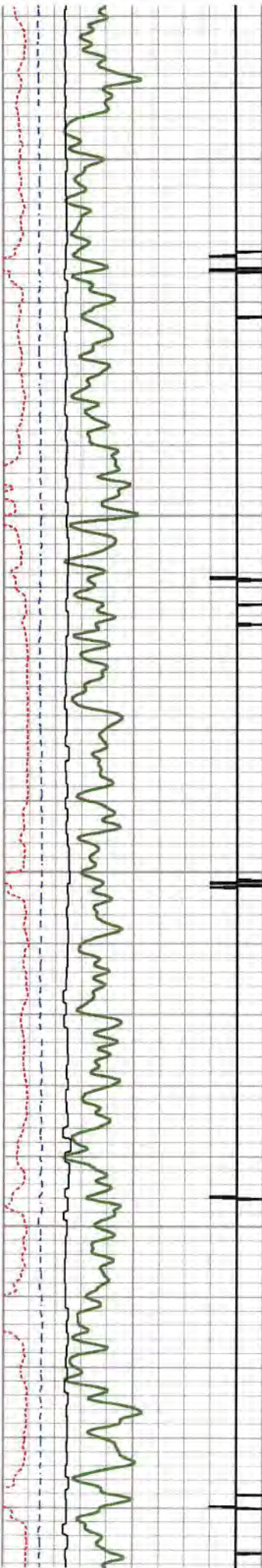


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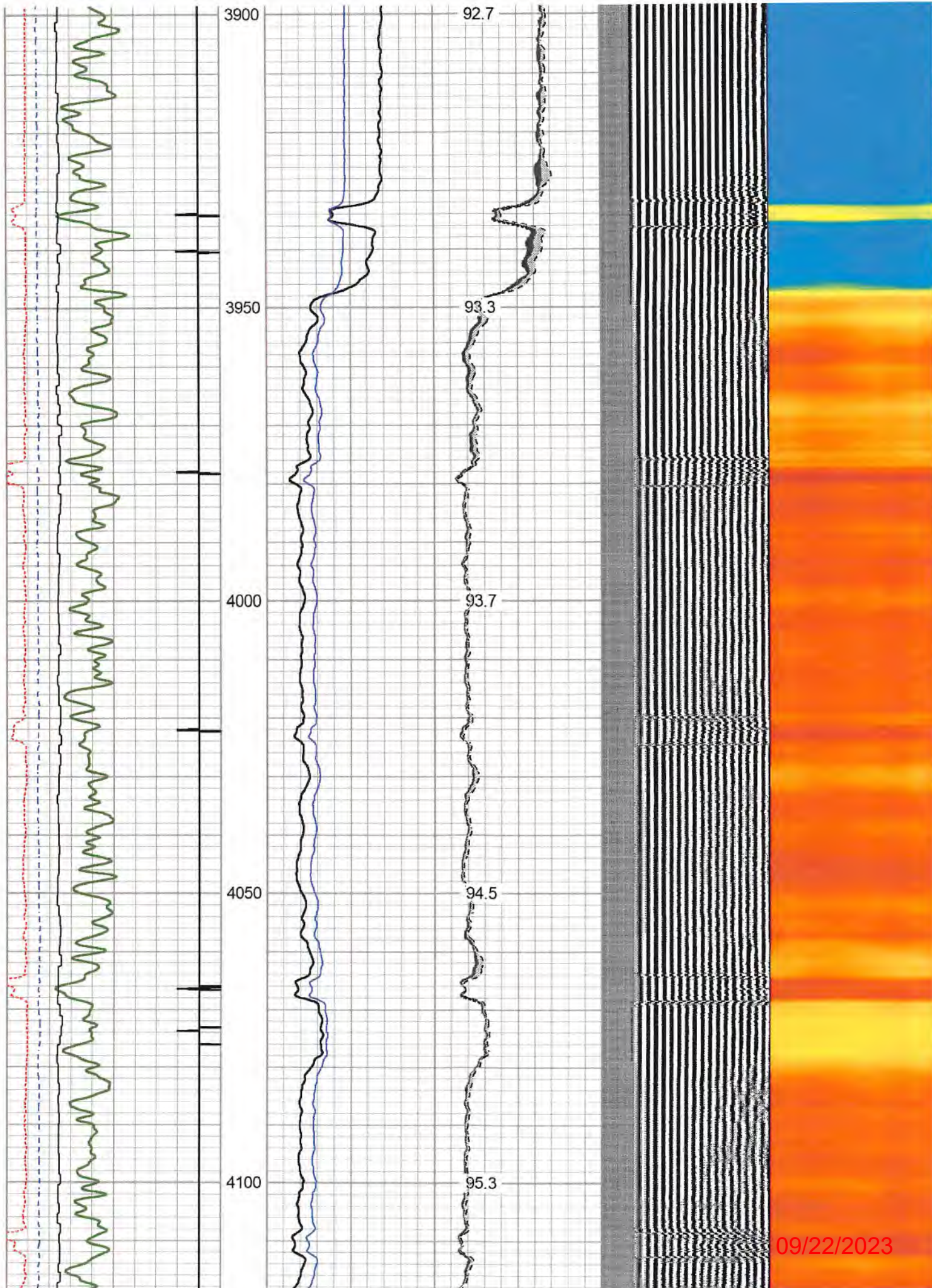




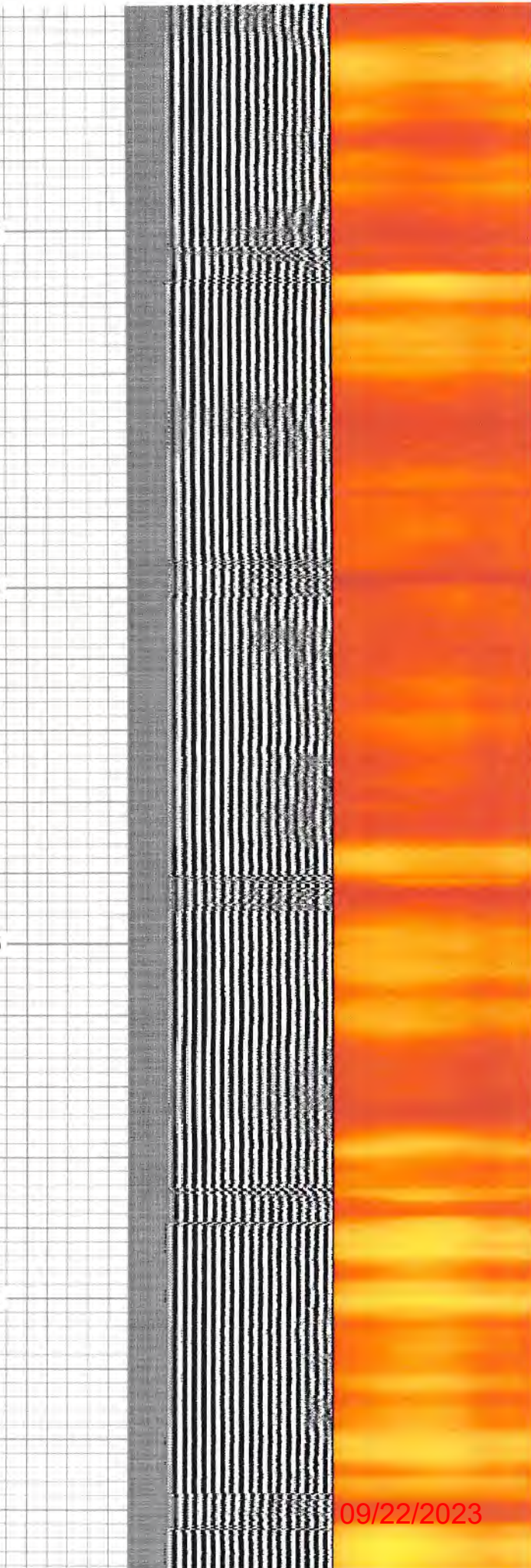
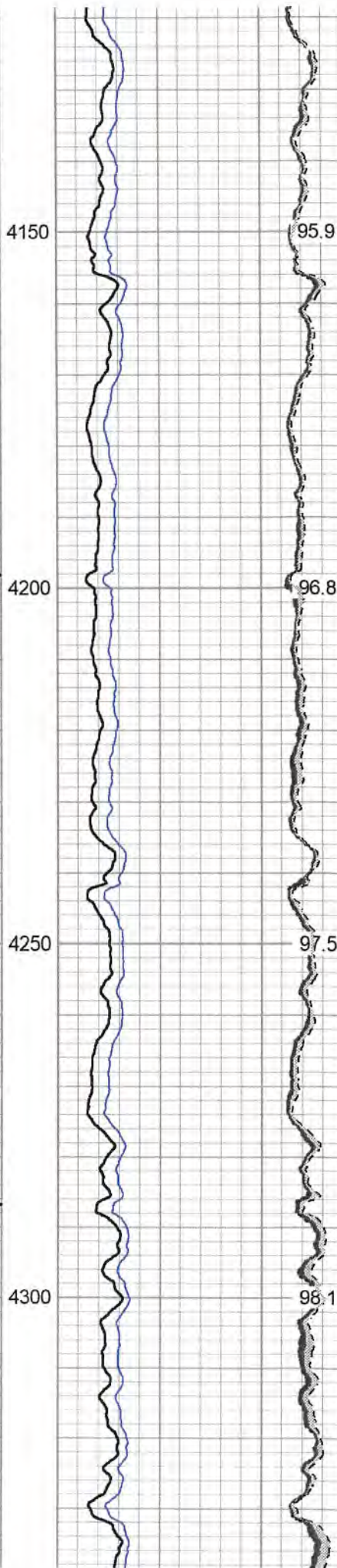
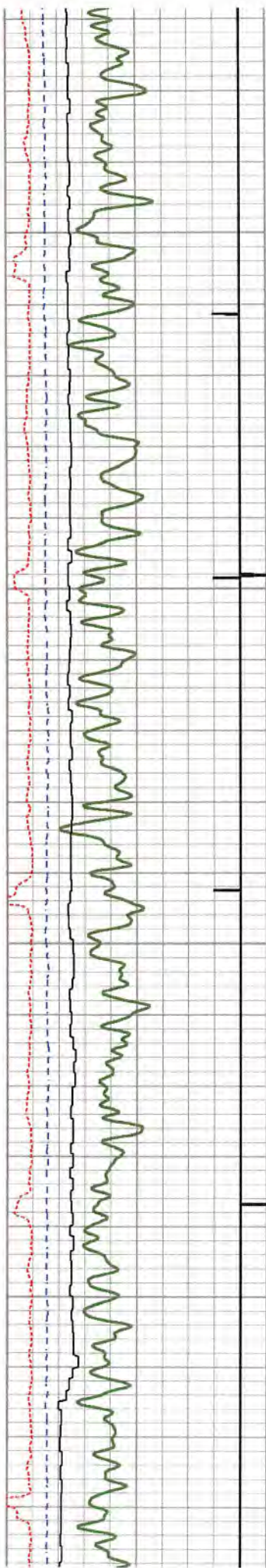
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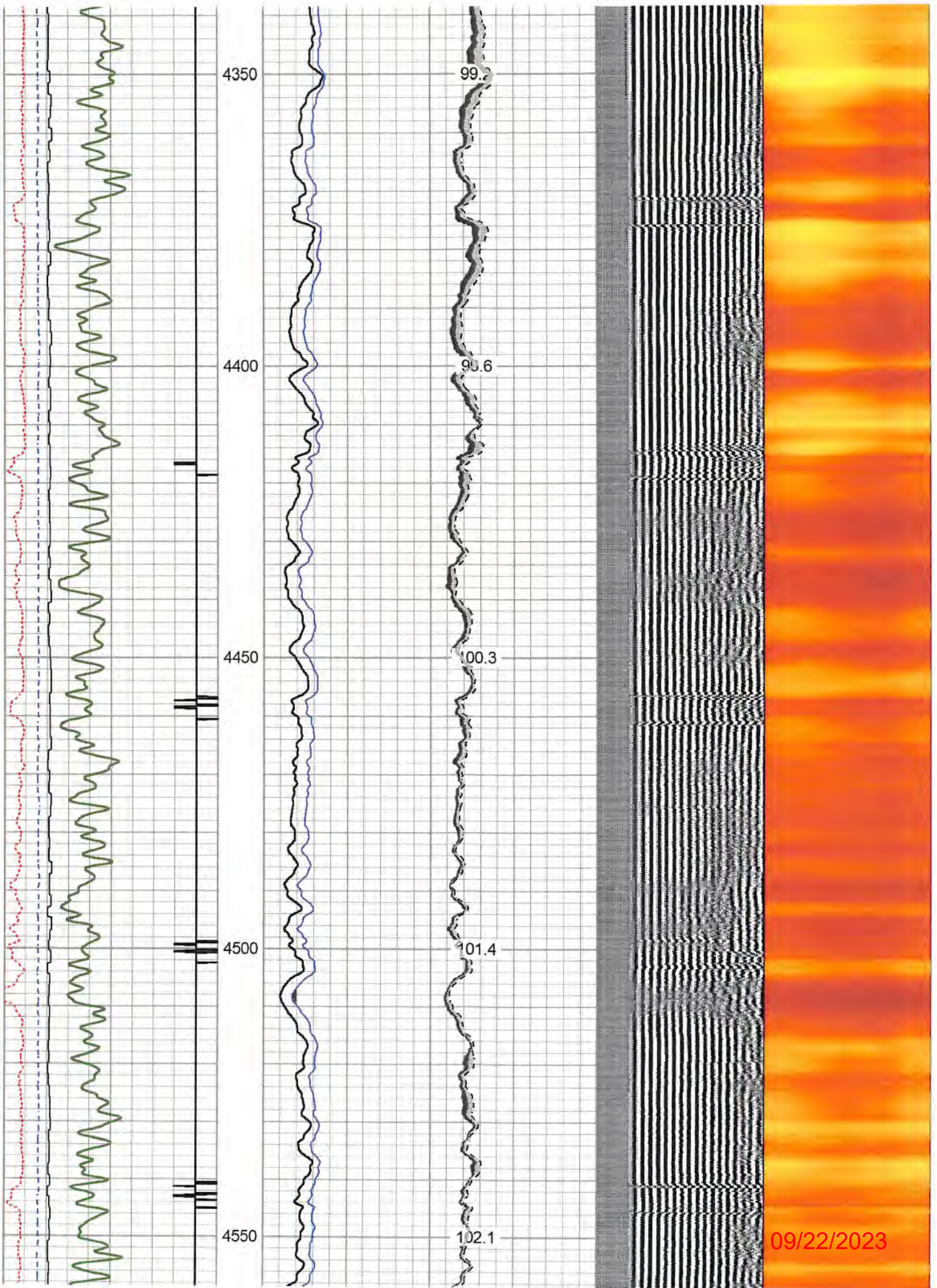


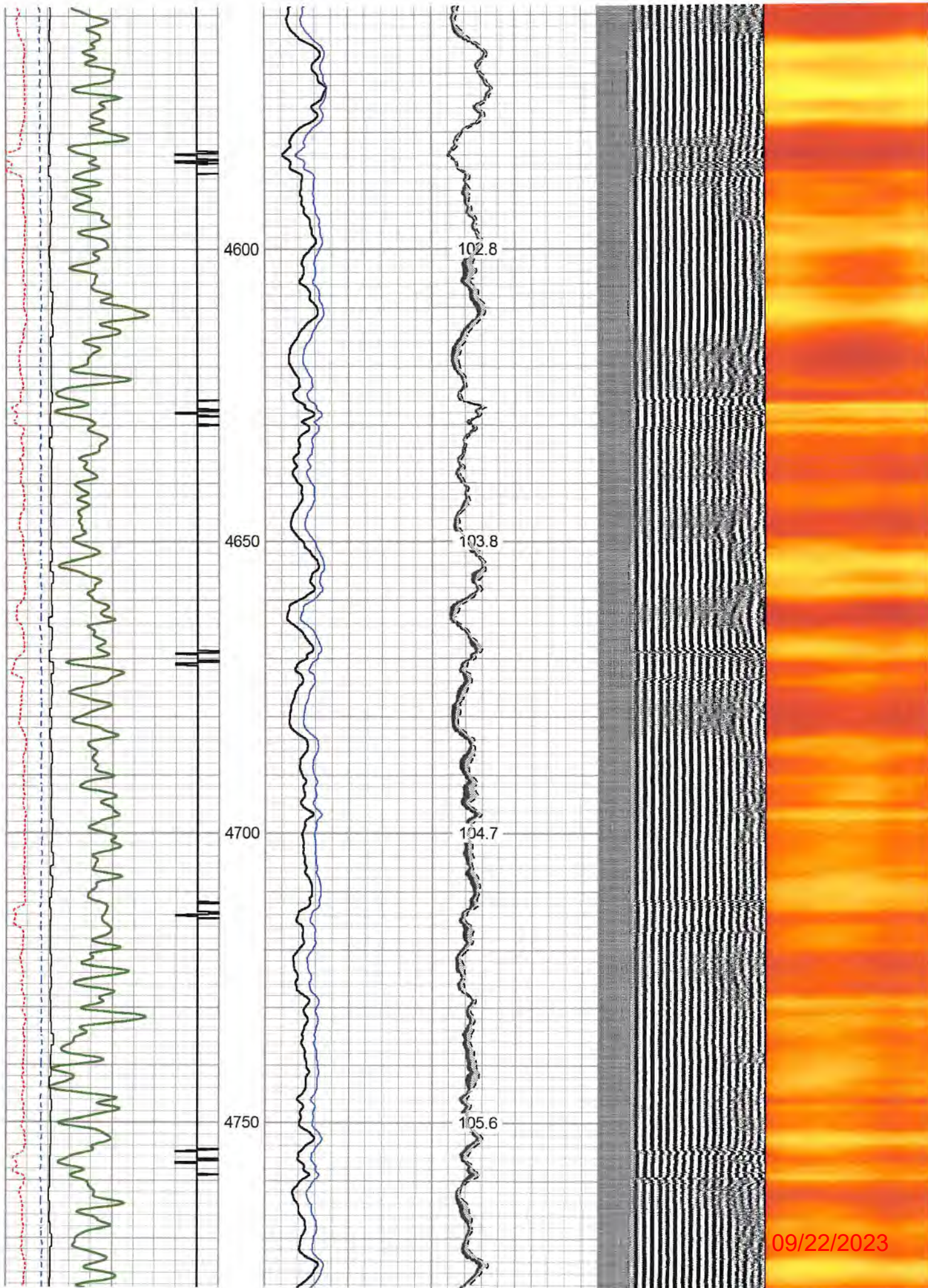
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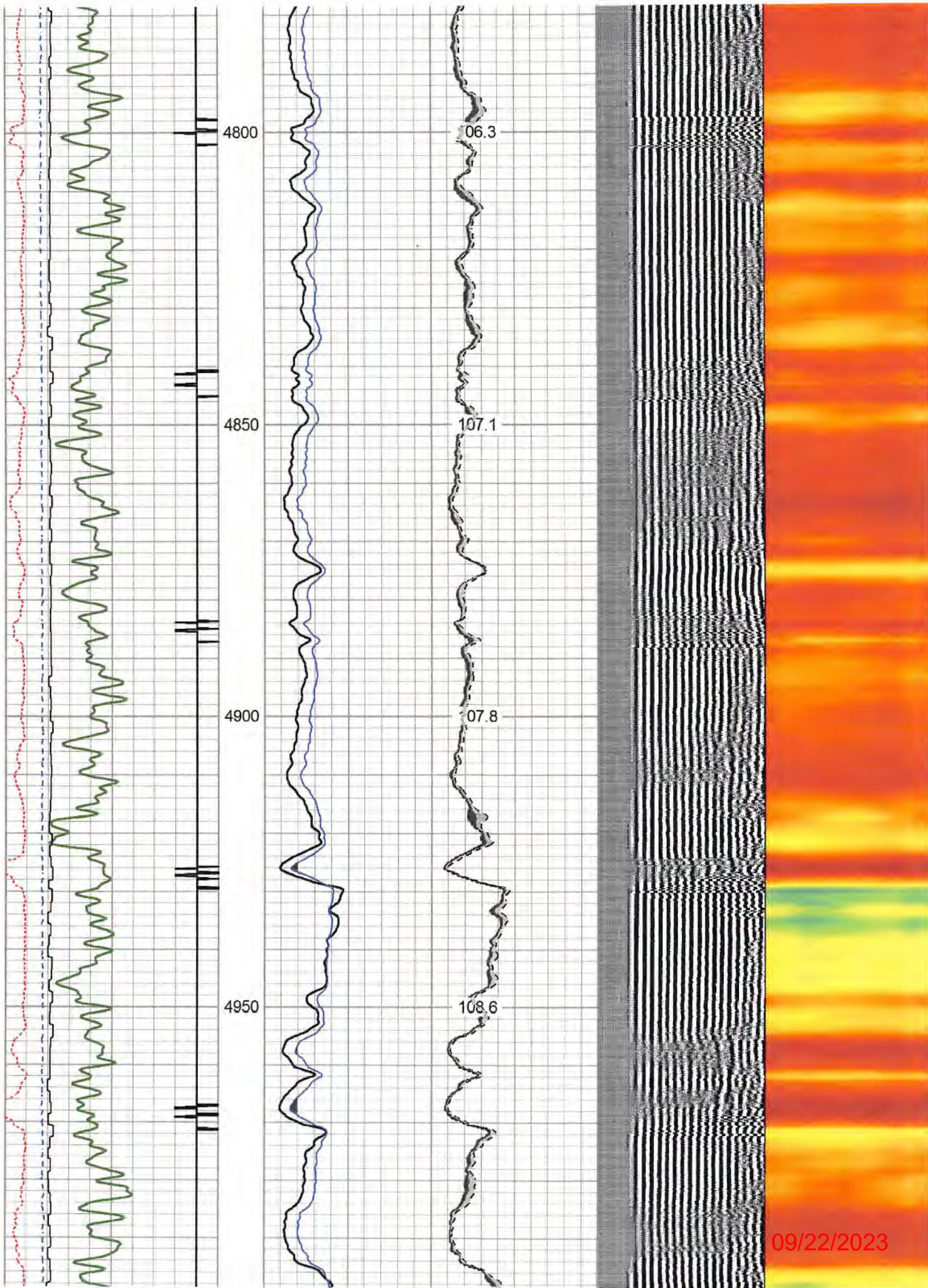
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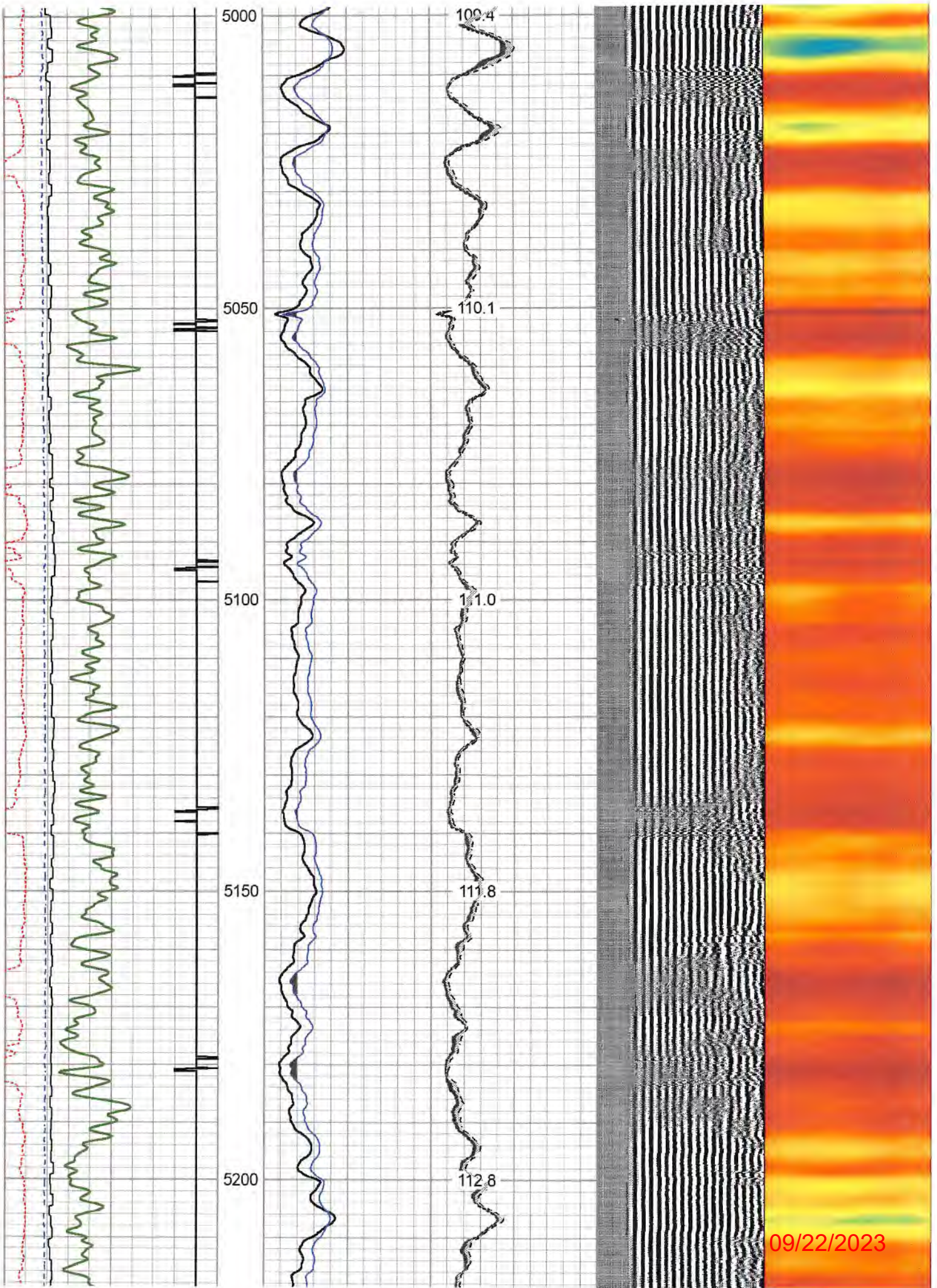


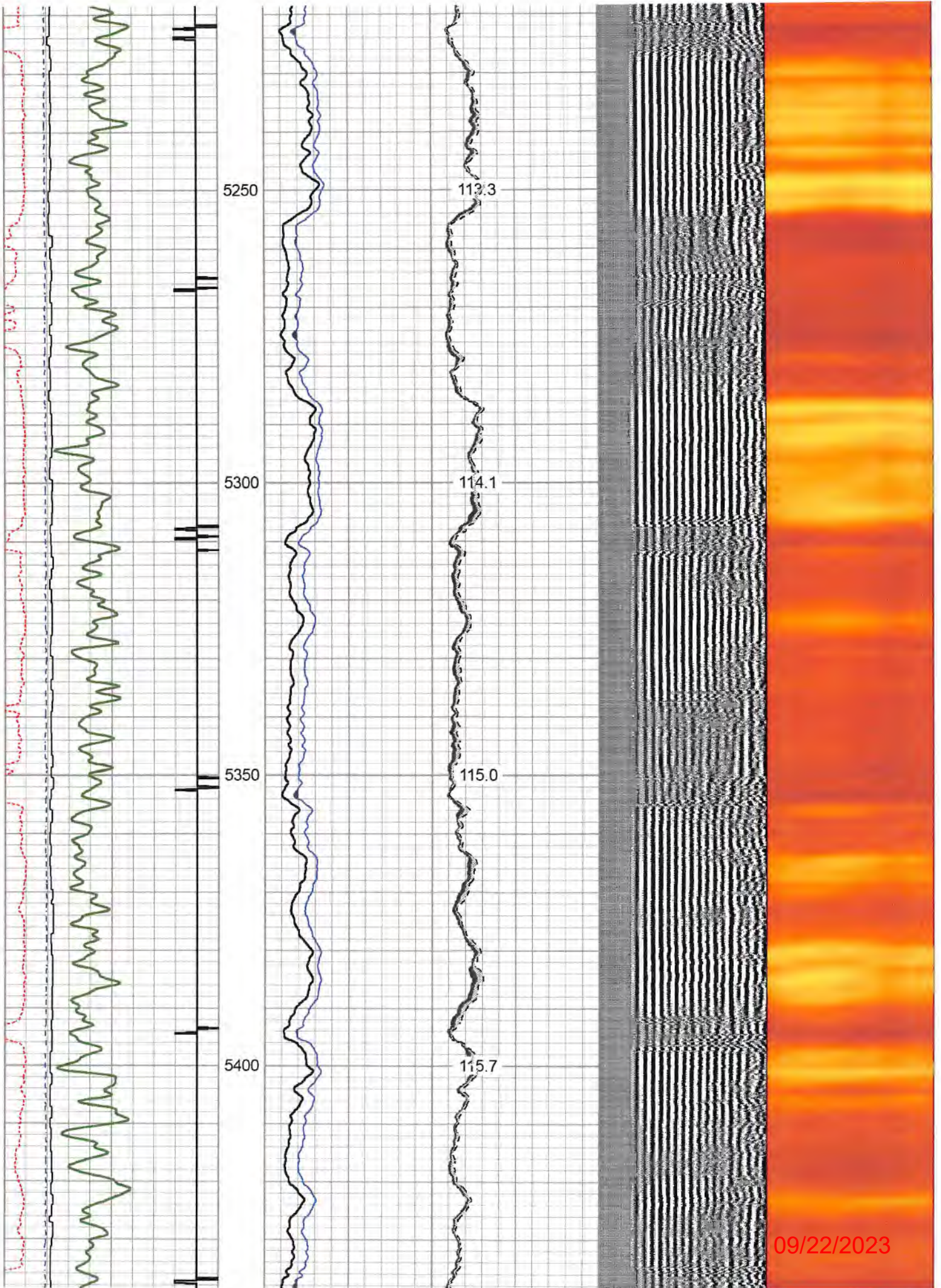


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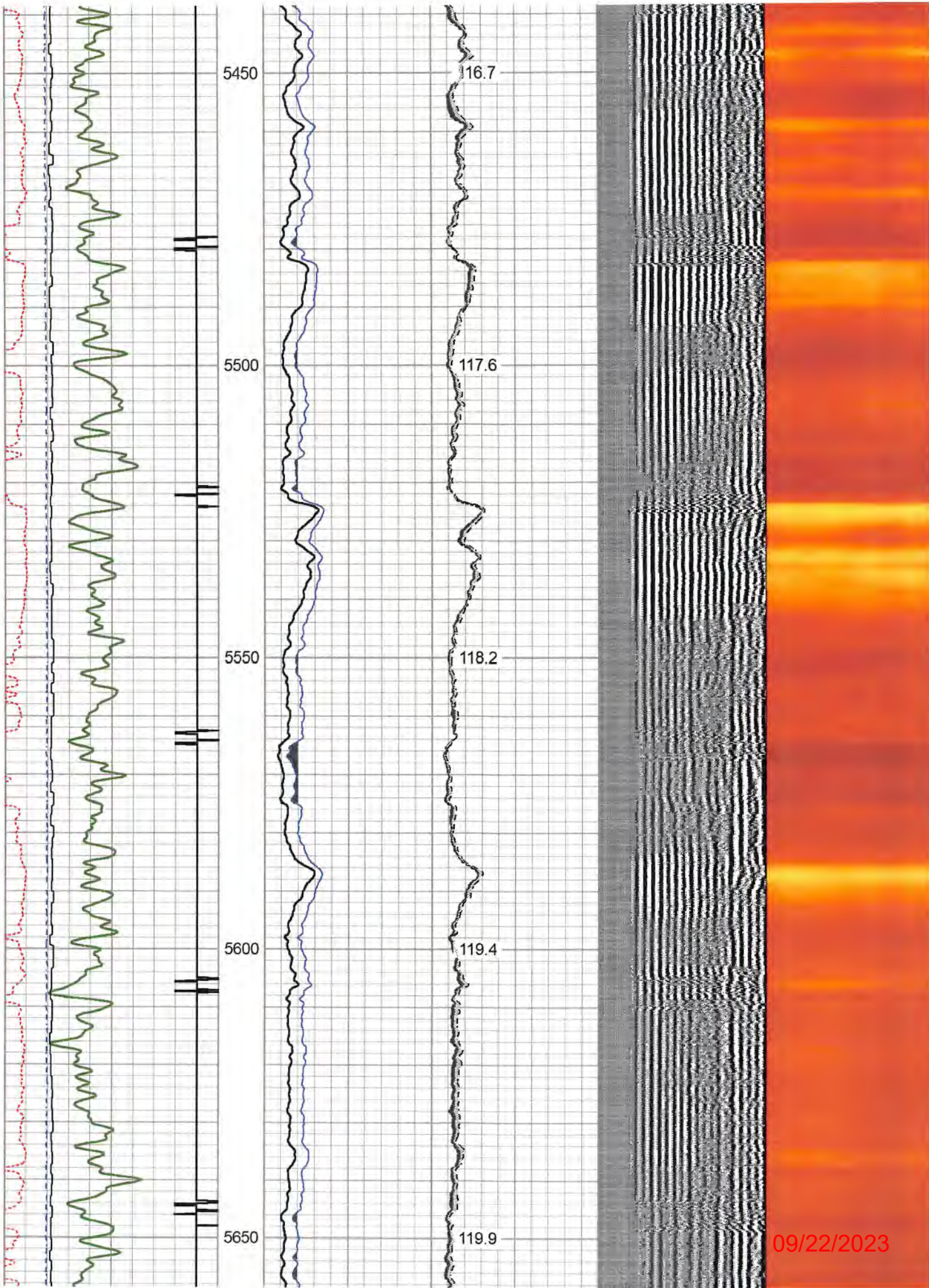


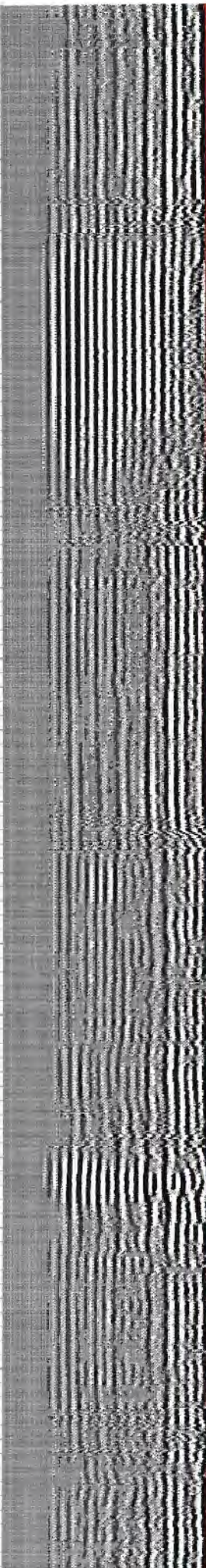
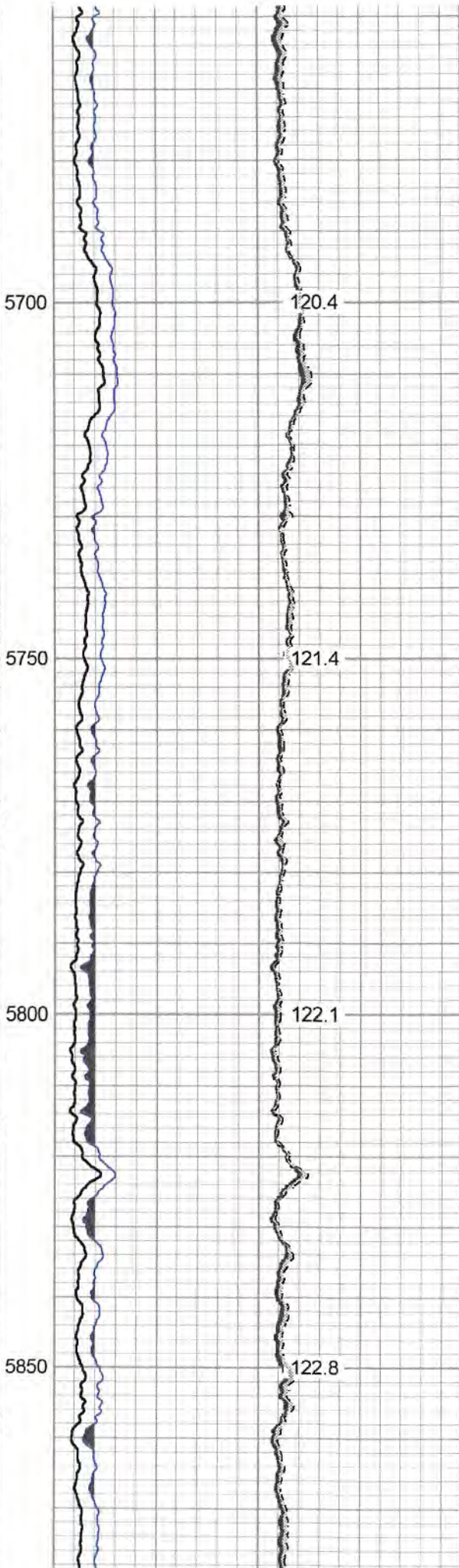
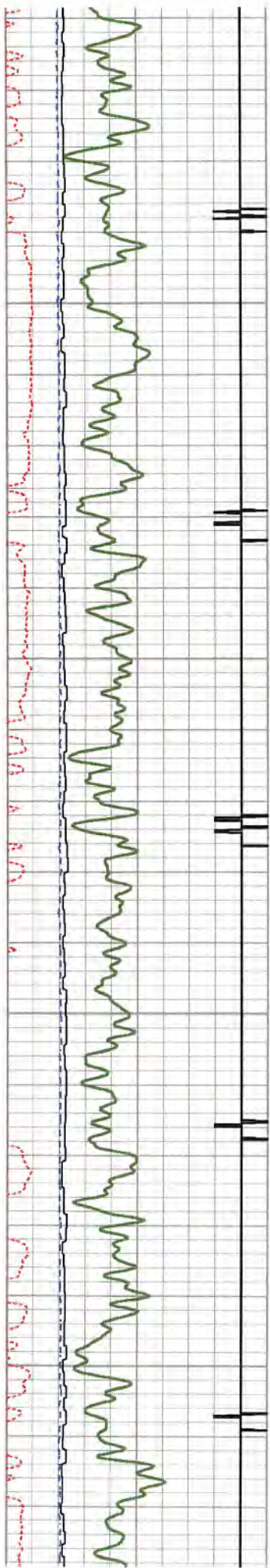
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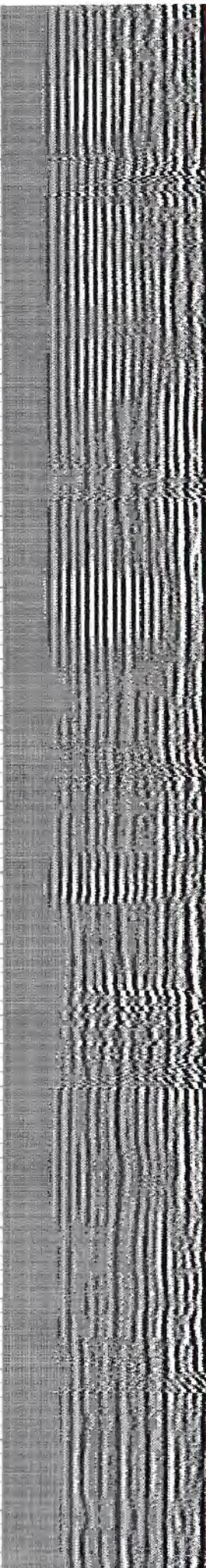
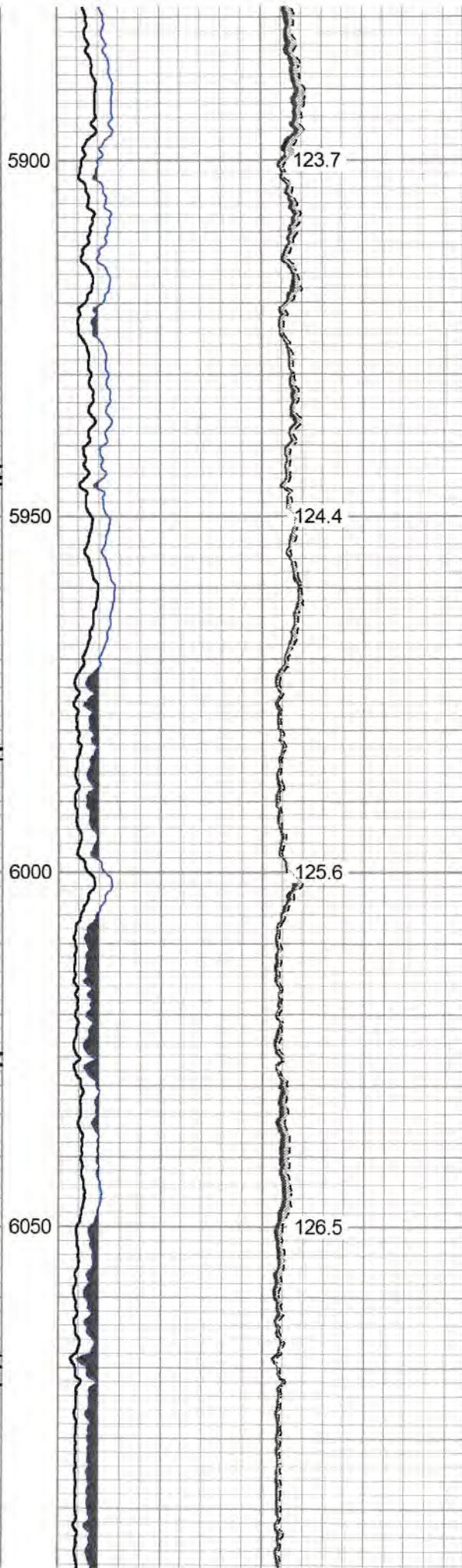
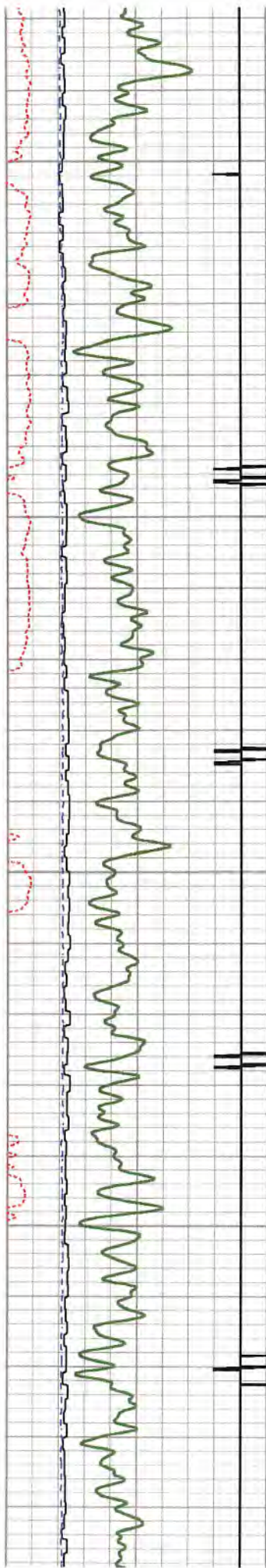


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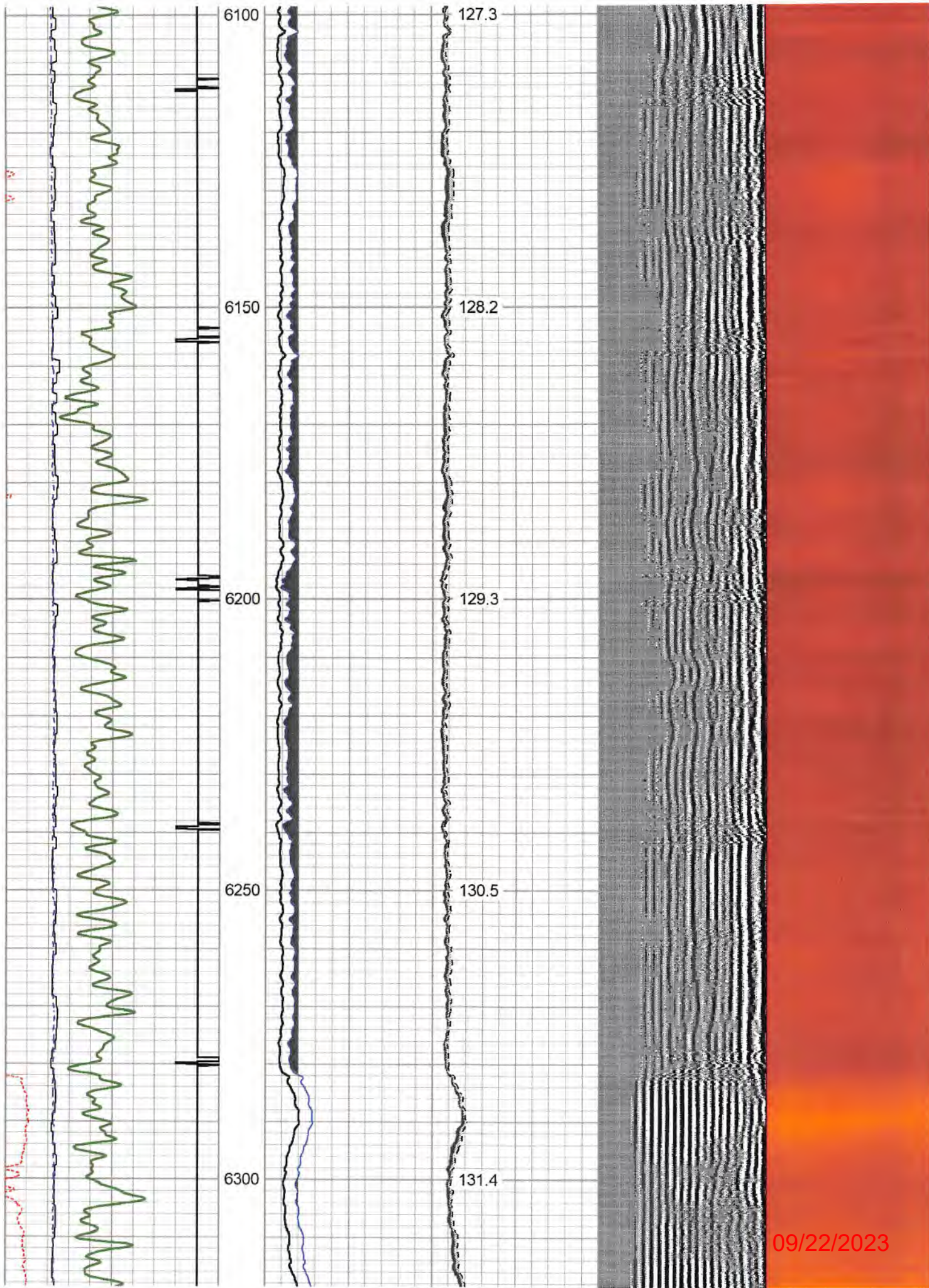


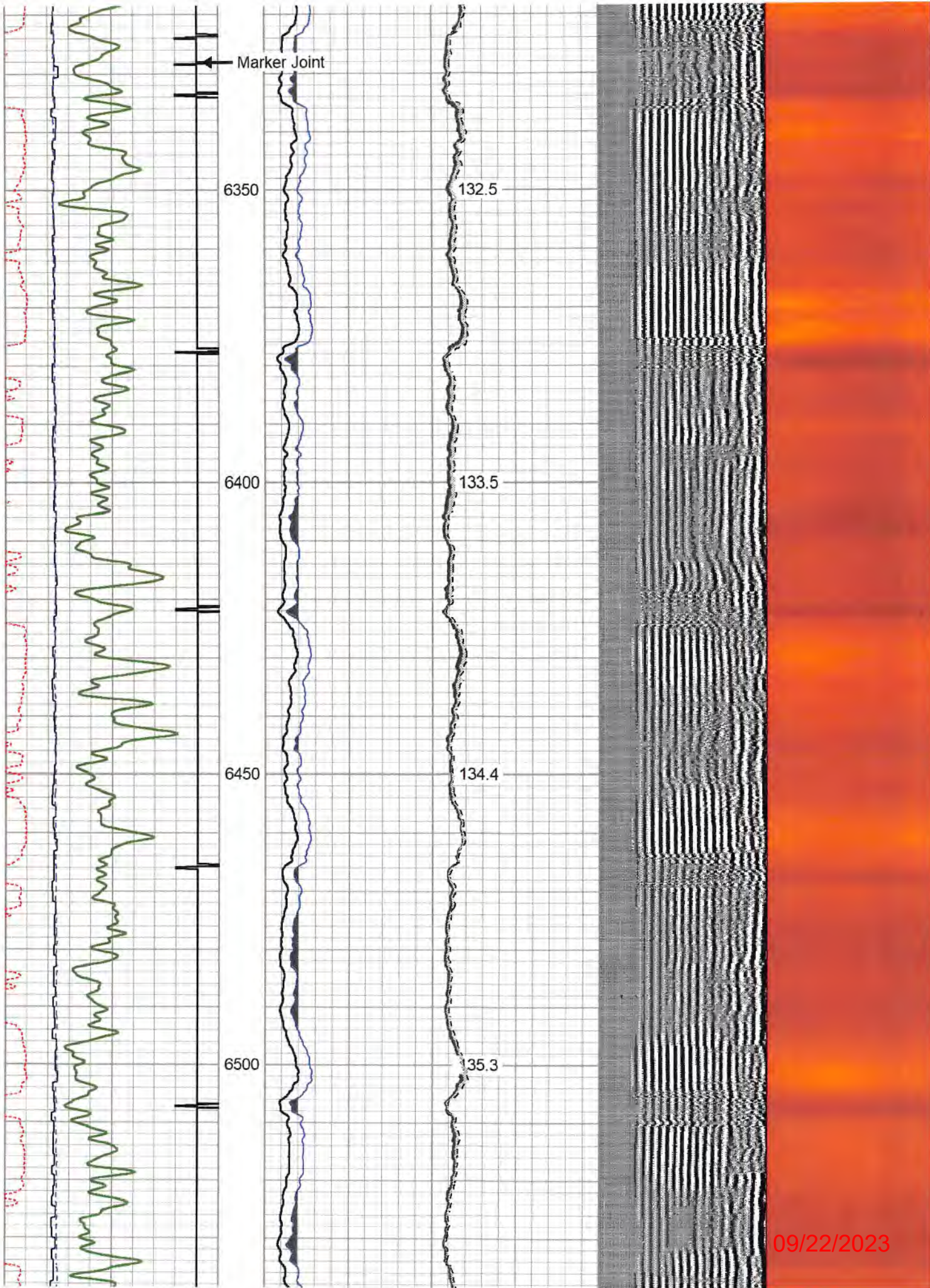


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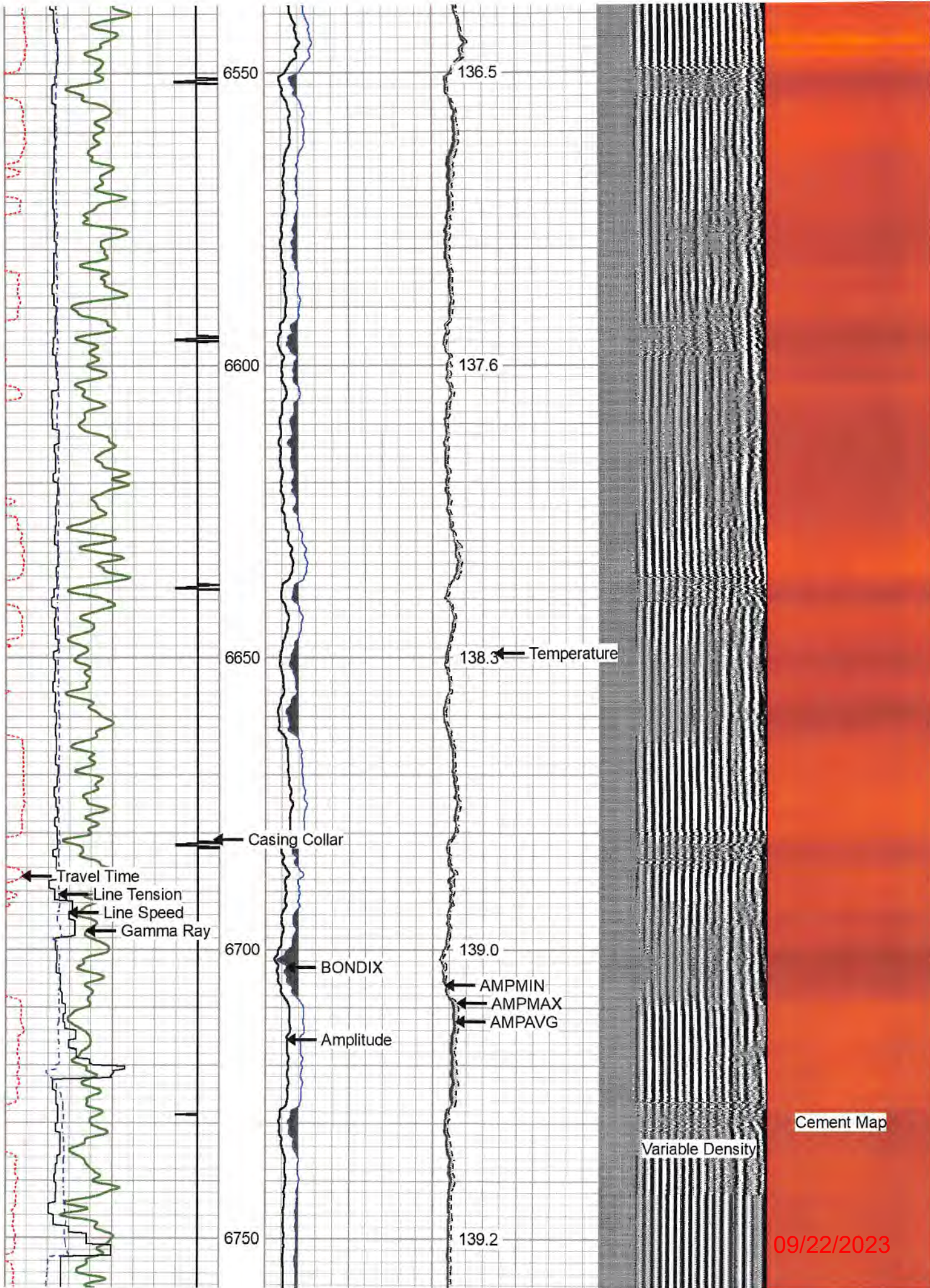


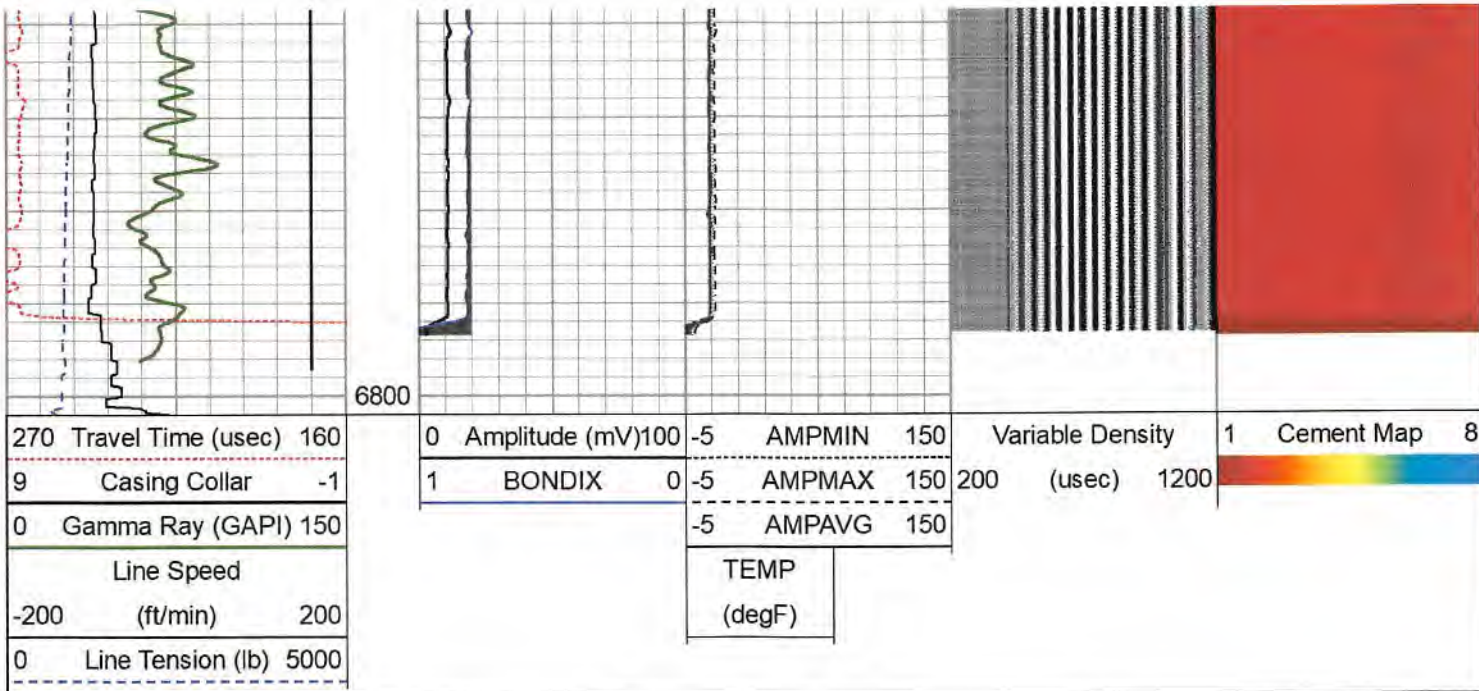
09/22/2023





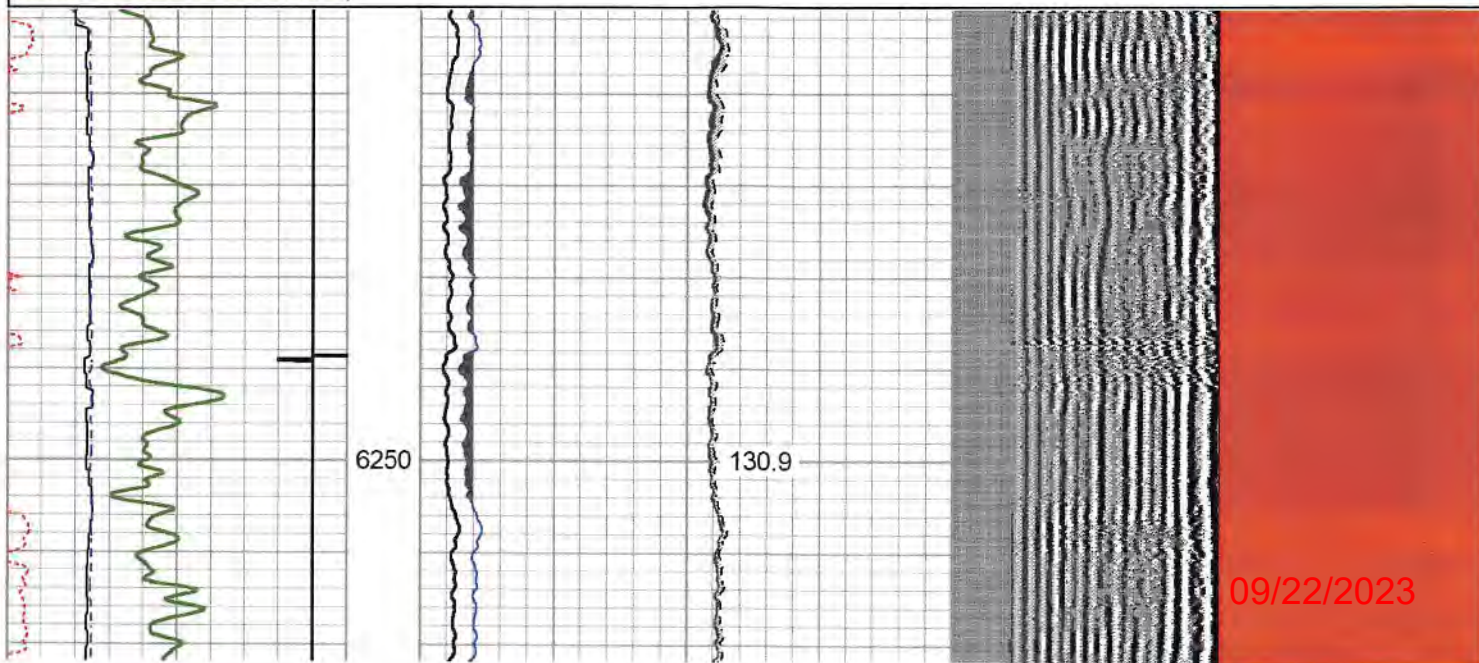
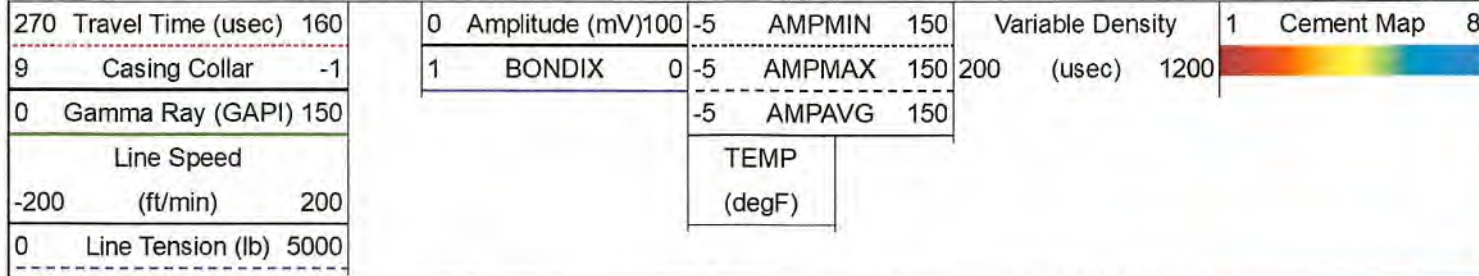
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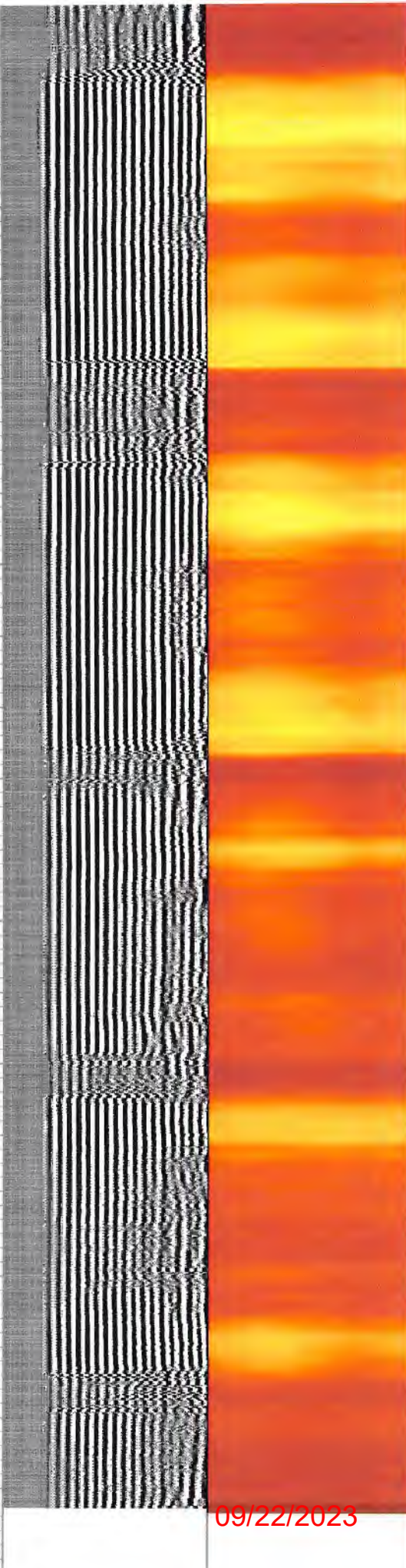
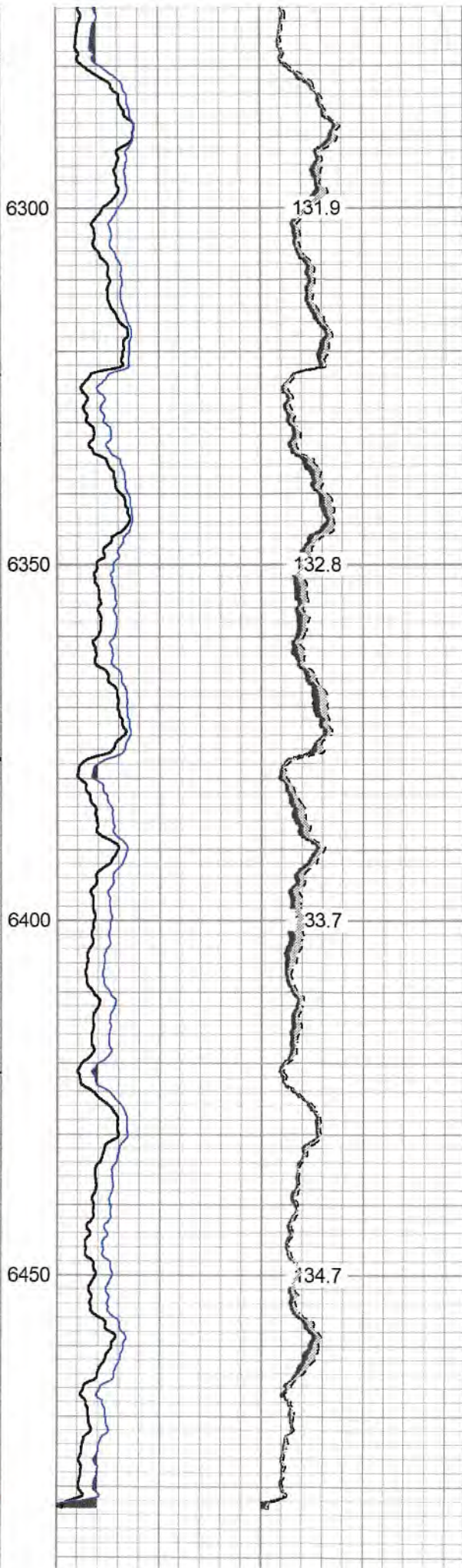
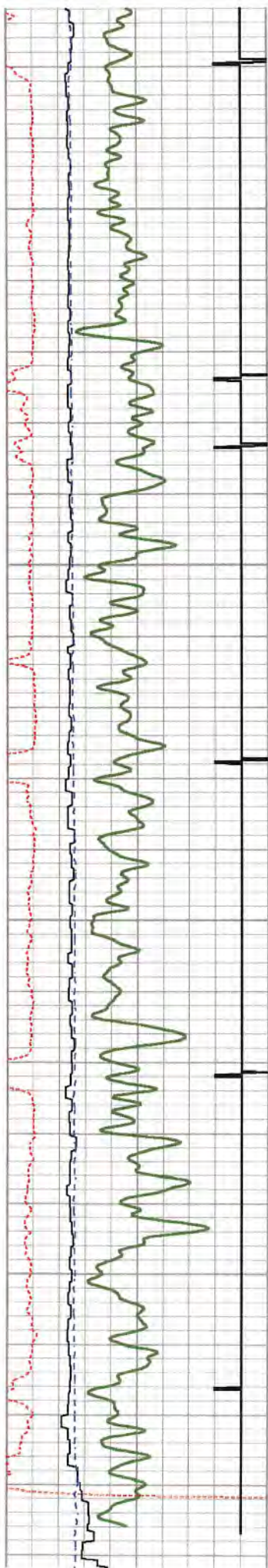






Repeat Pass 0 PSI

Database File antero_forster_1h_rcbl_20_jan_2023.db
 Dataset Pathname forster1h/run1/pass2
 Presentation Format rcbl 2
 Dataset Creation Fri Jan 20 10:28:16 2023
 Charted by Depth in Feet scaled 1:240





6500												
270	Travel Time (usec)	160	0	Amplitude (mV)	100	-5	AMPMIN	150	Variable Density	1	Cement Map	8
9	Casing Collar	-1	1	BONDIX	0	-5	AMPMAX	150	200	(usec)	1200	
0	Gamma Ray (GAPI)	150				-5	AMPAVG	150				
	Line Speed						TEMP					
-200	(ft/min)	200					(degF)					
0	Line Tension (lb)	5000										

Log Variables Database: C:\ProgramData\Warrior\Data\antero_forster_1h_rcbl_20_jan_2023.db
Dataset: field/forster1h/run1/pass4/_vars_

Top - Bottom

BHTEMP_Src	BOREID	BOTTEMP	CASEOD	CASETHCK	CASEWGHT	MAXAMPL	MINAMPL
TEMP	in	degF	in	in	lb/ft	mV	mV
	7.875	139	5.5	0.415	23	71.9	3.4
MINATTN	PERFS	PPT	SRFTEMP	TDEPTH			
db/ft		usec	degF	ft			
9.6	No	260	32	6740			

Variable Description

BHTEMP_Src : BHTEMP Input Source Selector	MINAMPL : Minimum Amplitude
BOREID : Borehole I.D.	MINATTN : Minimum Attenuation
BOTTEMP : Bottom Hole Temperature	PERFS : Perforation Flag
CASEOD : Casing O.D.	PPT : Predicted Pipe Time
CASETHCK : Casing Thickness	SRFTEMP : Surface Temperature
CASEWGHT : Casing Weight	TDEPTH : Total Depth
MAXAMPL : Maximum Amplitude	

Calibration Report

Database File: antero_forster_1h_rcbl_20_jan_2023.db
Dataset Pathname: forster1h/run1/pass4
Dataset Creation: Fri Jan 20 10:34:35 2023

Gamma Ray Calibration Report

Serial Number:	FW1211-86
Tool Model:	Probe
Performed:	Sun Nov 13 11:04:25 2022
Calibrator Value:	1.0 GAPI
Background Reading:	0.0 cps
Calibrator Reading:	1.0 cps
Sensitivity:	0.5000 GAPI/cps

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WV Department of
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Segmented Cement Bond Log Calibration Report

Serial Number:	2.75"
Tool Model:	Probe275T
Calibration Casing Diameter:	5.500 in
Calibration Depth:	3640.717 ft

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Master Calibration, performed Fri Jan 20 08:15:41 2023:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.008	0.931	3.400	71.921	74.291	2.775
CAL	1.464	1.466				
5'	-0.006	0.770	3.400	71.921	88.258	3.933
SUM						
S1	0.075	0.942	0.000	100.000	115.262	-8.629
S2	-0.004	0.861	0.000	100.000	115.569	0.450
S3	-0.001	0.880	0.000	100.000	113.511	0.087
S4	-0.002	0.929	0.000	100.000	107.435	0.223
S5	0.001	0.973	0.000	100.000	102.872	-0.085
S6	-0.004	0.982	0.000	100.000	101.343	0.455
S7	-0.004	0.967	0.000	100.000	102.957	0.452
S8	-0.005	0.920	0.000	100.000	108.040	0.578

Internal Reference Calibration, performed Wed Nov 23 14:17:52 2011:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	1.464	1.466	1.000	0.000

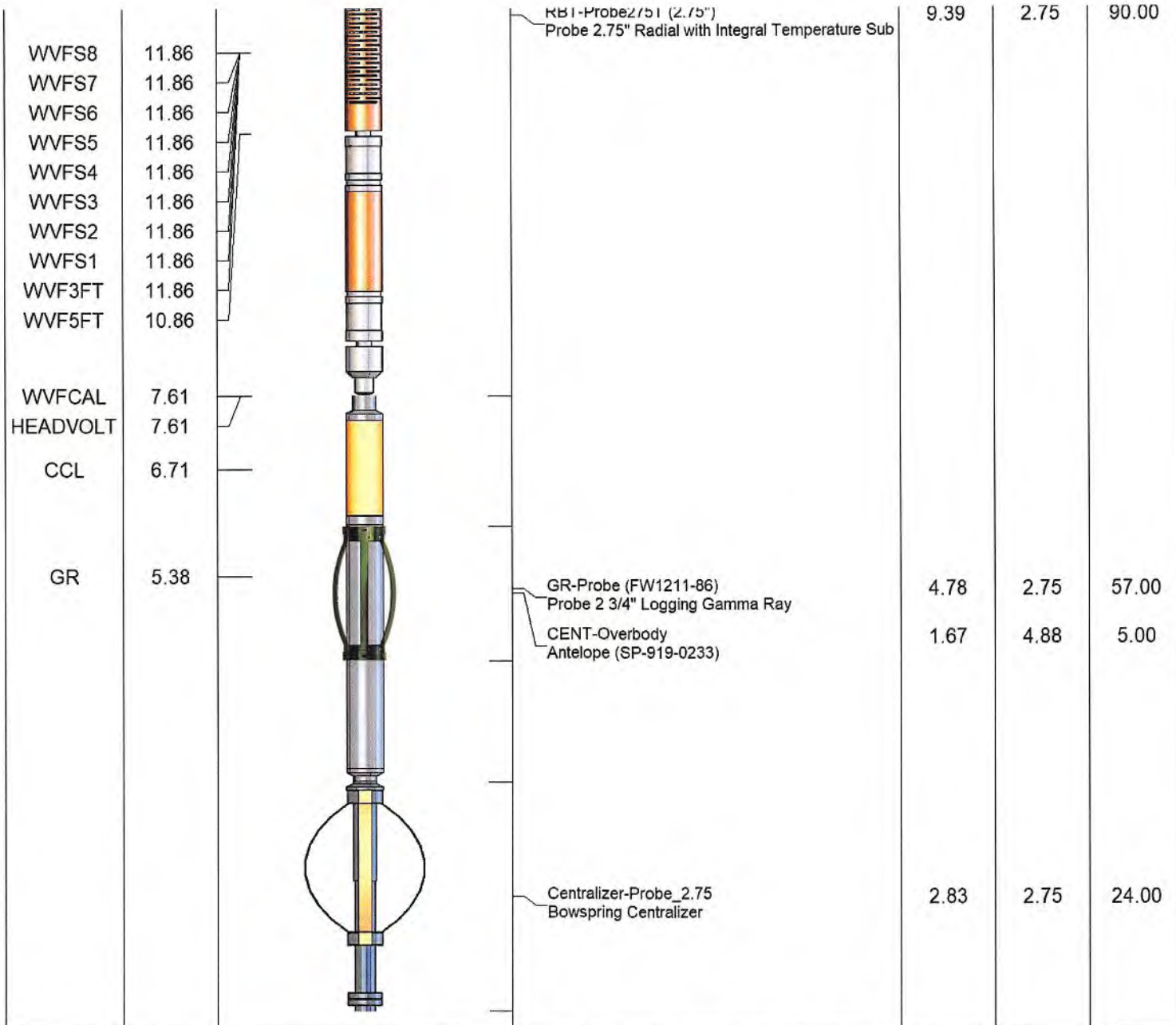
Air Zero Calibration, performed Fri Jan 20 07:41:47 2023:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Gain	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	16.95		CHD-Titan Standard 1 7/16" Cable Head	1.02	1.44	1.00
Temp	14.10		CENT-Overbody Antelope (SP-919-0233)	1.67	4.88	5.00

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Dataset: antero_forster_1h_rcbl_20_jan_2023.db: field/forster1h/run1/pass4
 Total length: 18.03 ft
 Total weight: 182.00 lb
 O.D.: 4.88 in

	Company	ANTERO RESOURCES	<p style="text-align: center;">RECEIVED Office of Oil and Gas JUN 23 2023 WV Department of Environmental Protection</p>
	Well	Beech Run Forster 1H	
	Field	Rabbit Ears	
	County	Tyler	
	State	WV	

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