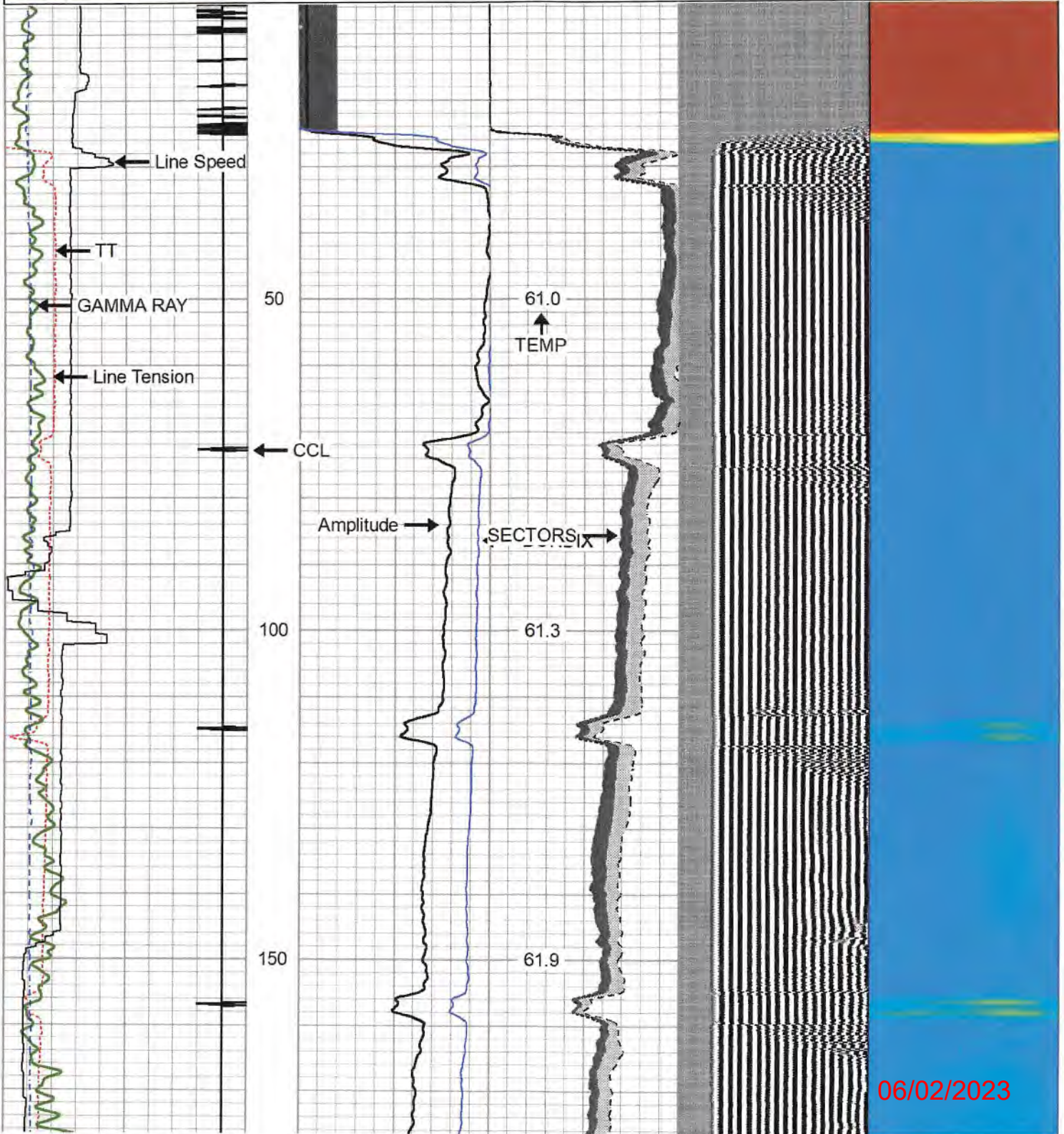


Database File antero-parr1h-12-4-21.db
 Dataset Pathname RABBIT_EARS/PAR_1H/RCBL/pass8
 Presentation Format rcbl-bond index for antero 1020
 Dataset Creation Sat Dec 04 14:57:27 2021
 Charted by Depth in Feet scaled 1:240

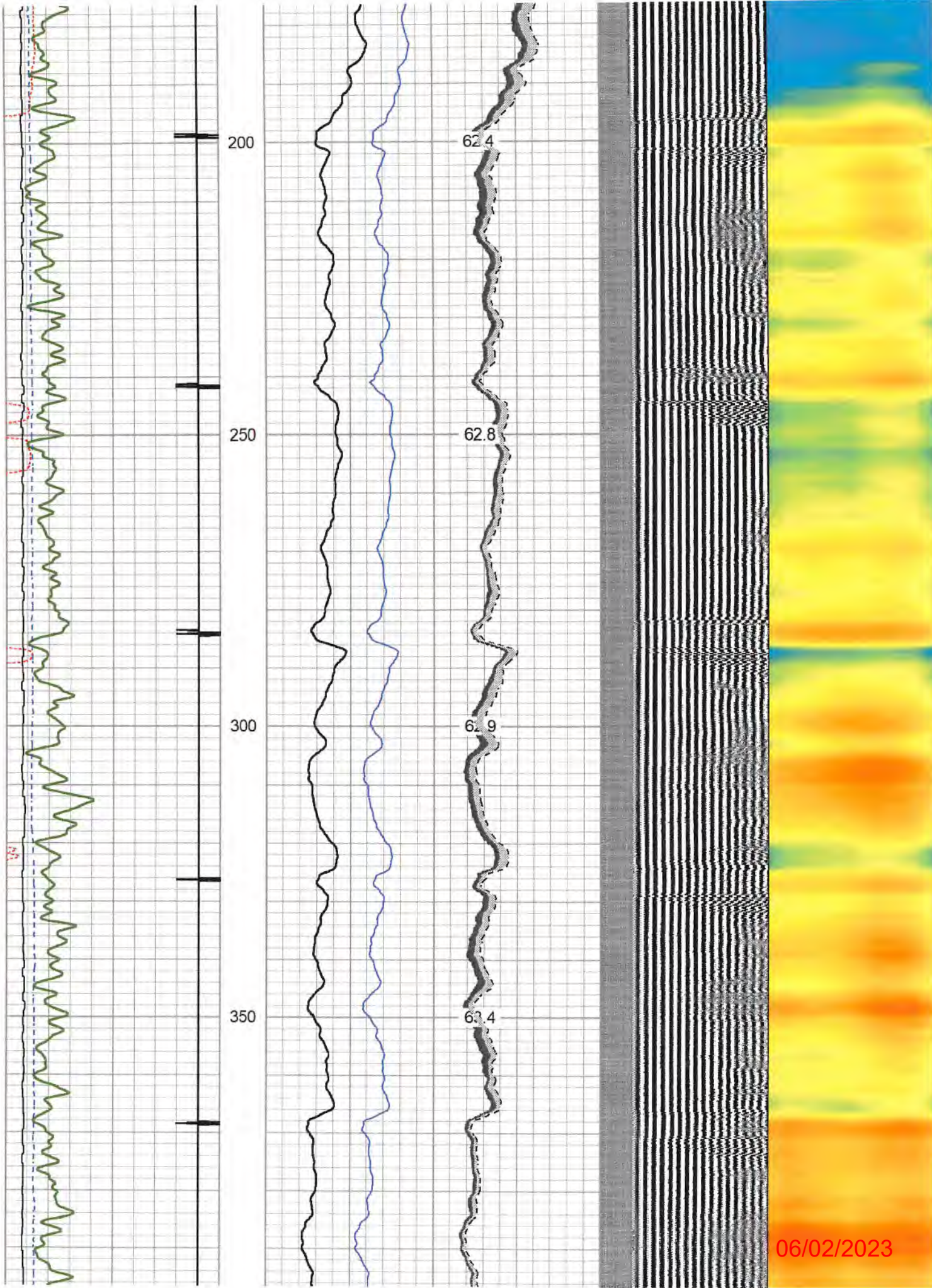
270 Travel Time (usec) 160
 9 Casing Collar -1
 0 Gamma Ray (GAPI) 150
 Line Speed
 -100 (ft/min) 100
 0 Line Tension (lb) 2000

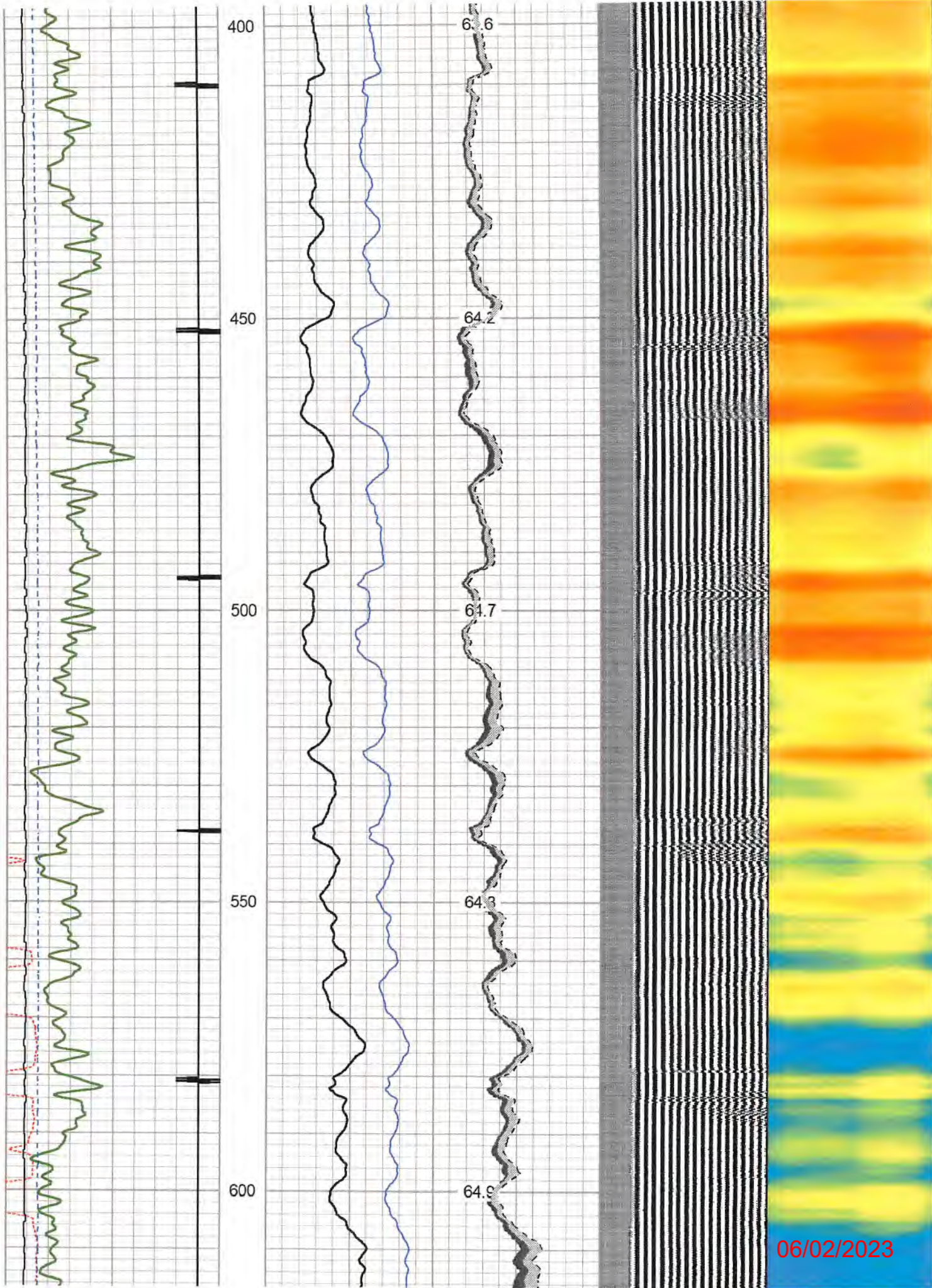
0 Amplitude (mV) 100
 1 BONDIX 0
 0 AMPMIN 150
 0 AMPMAX 150
 0 AMPAVG 150
 TEMP
 (degF)

Variable Density 1 Cement Map 8
 200 (usec) 1200

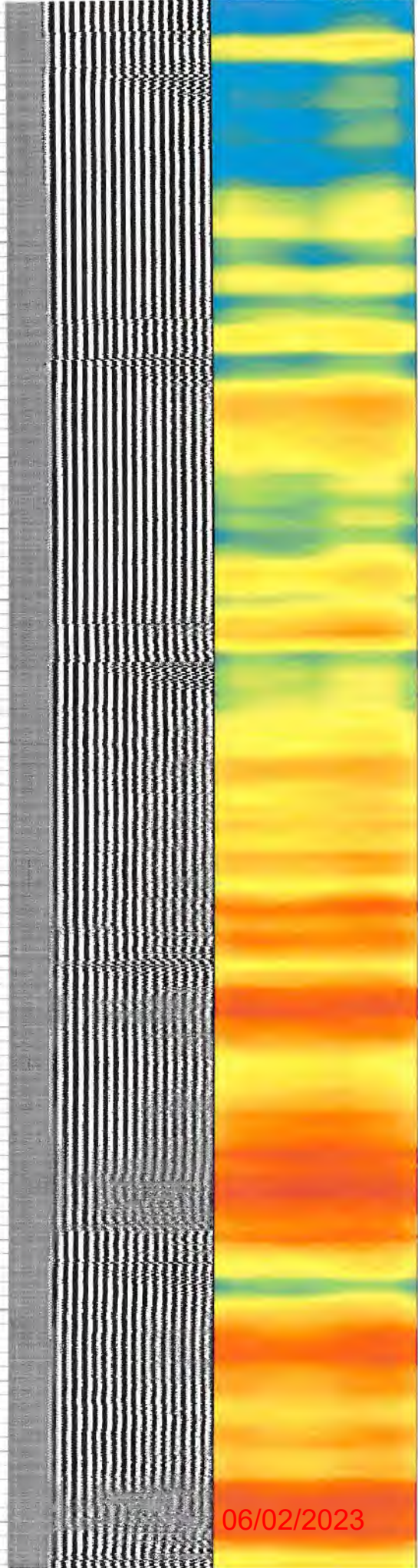
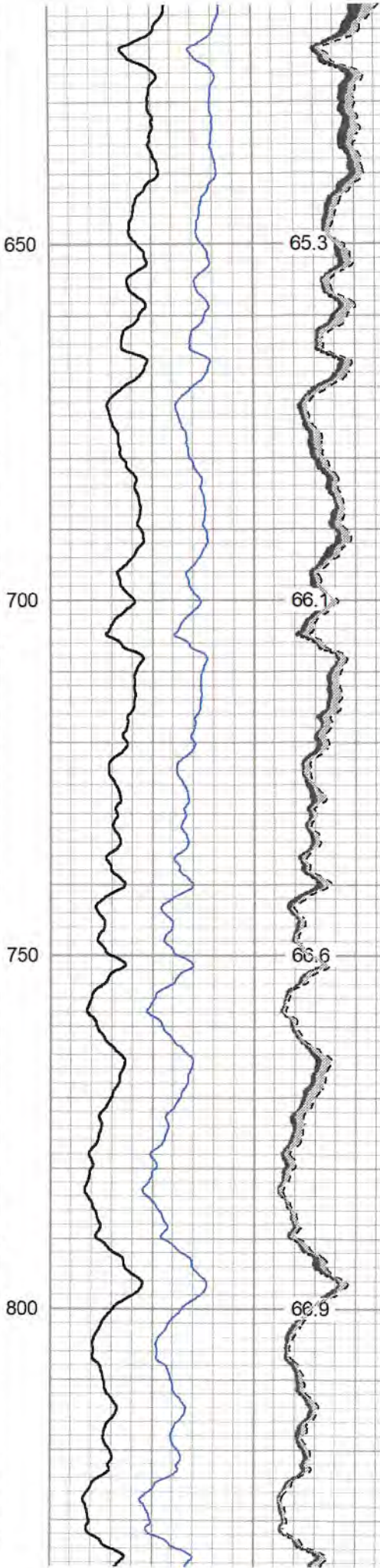
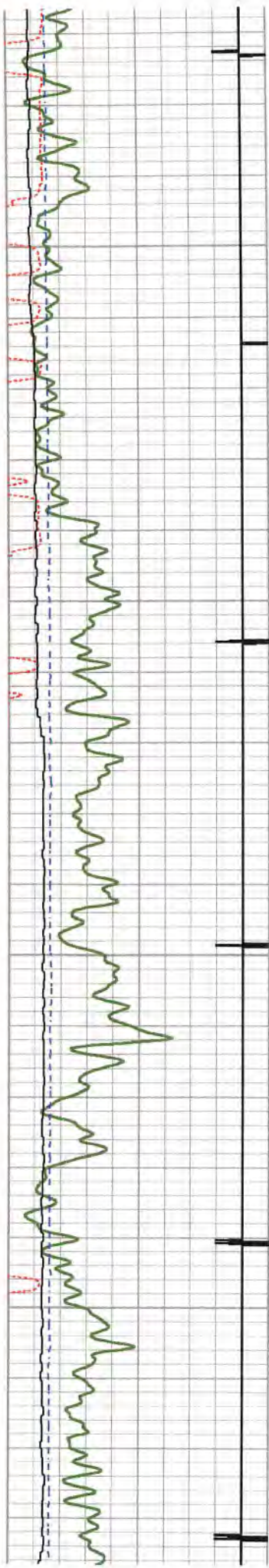


06/02/2023

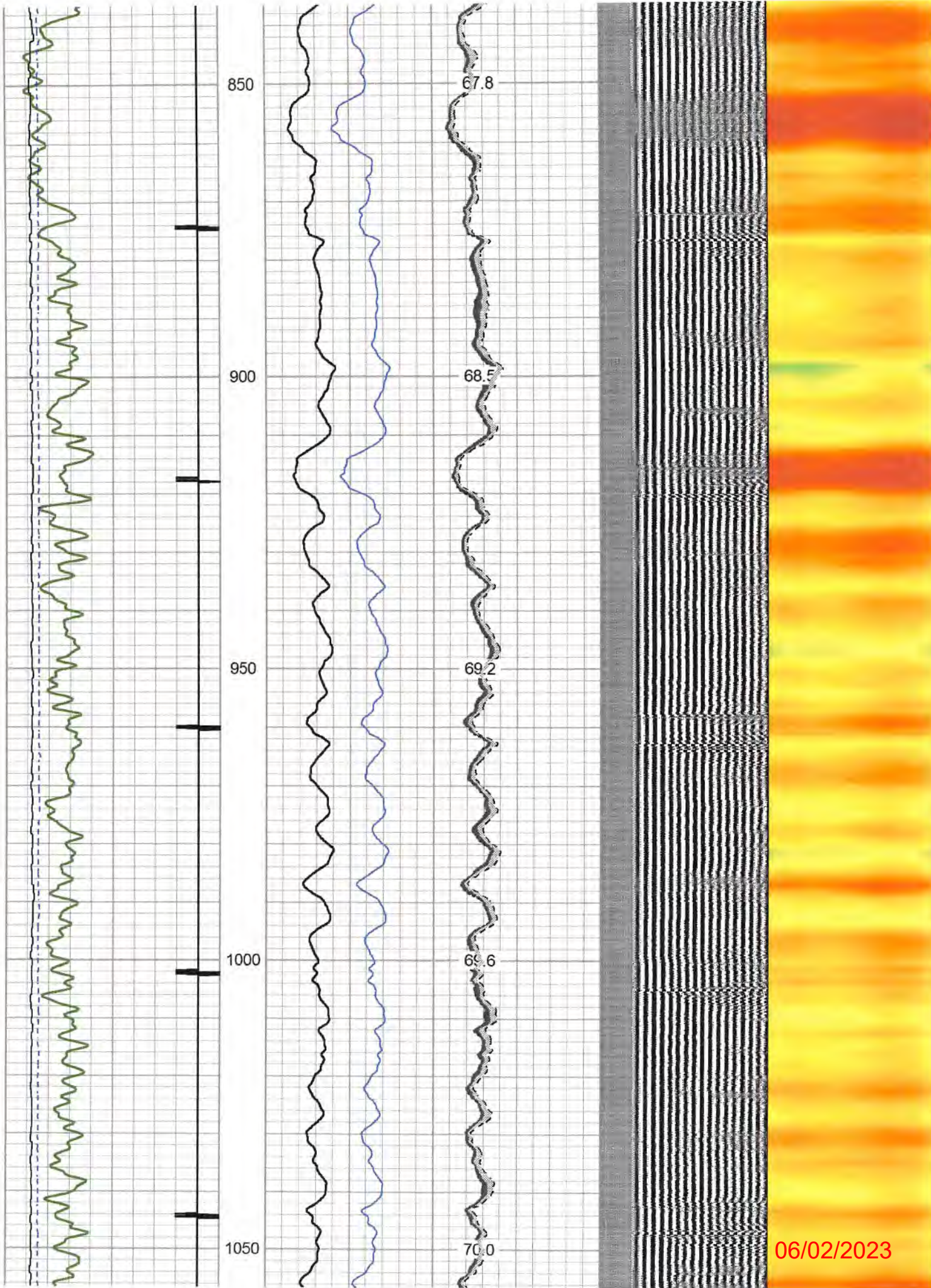


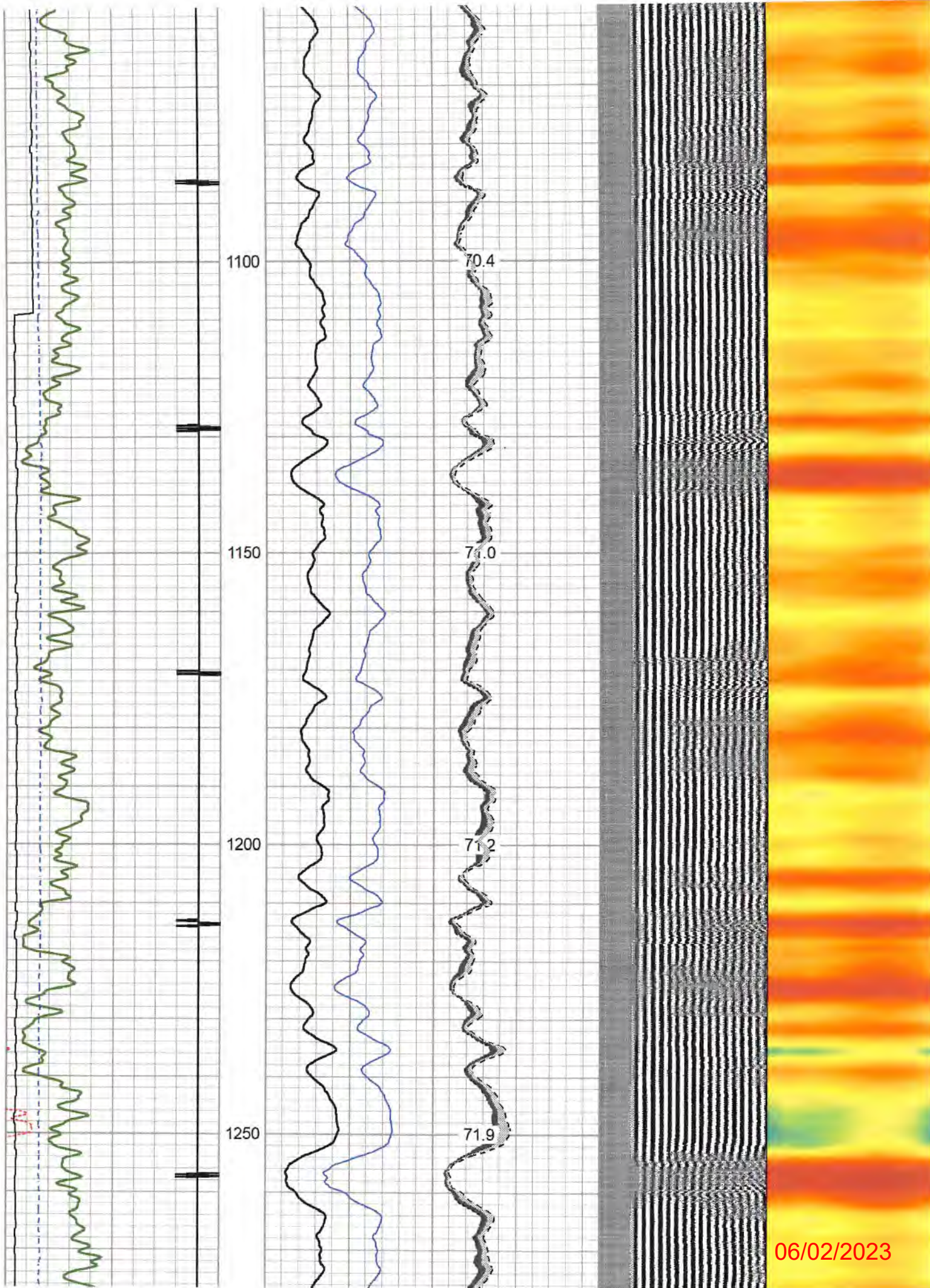


06/02/2023

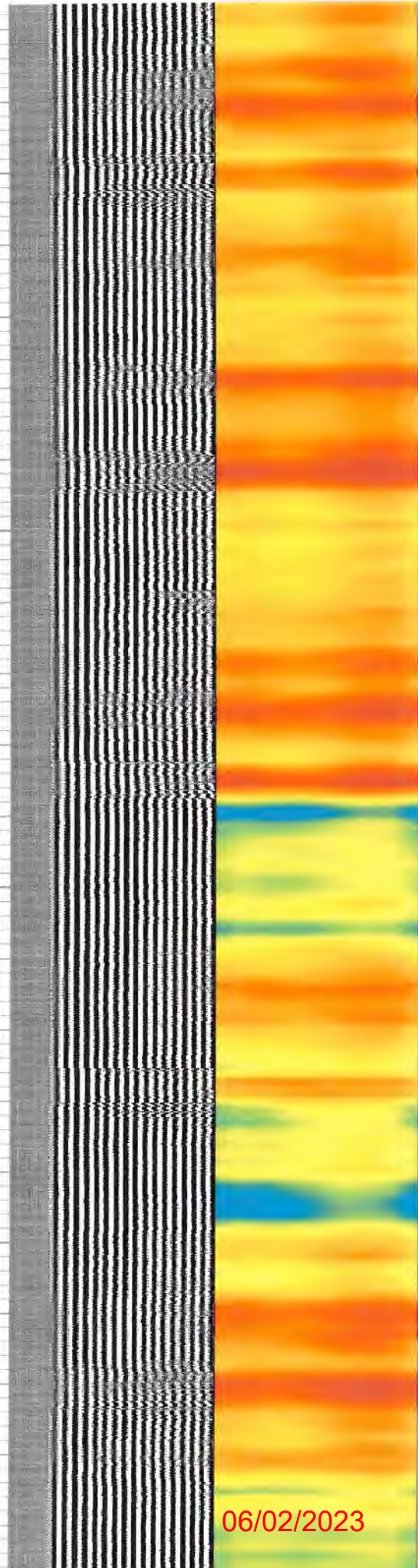
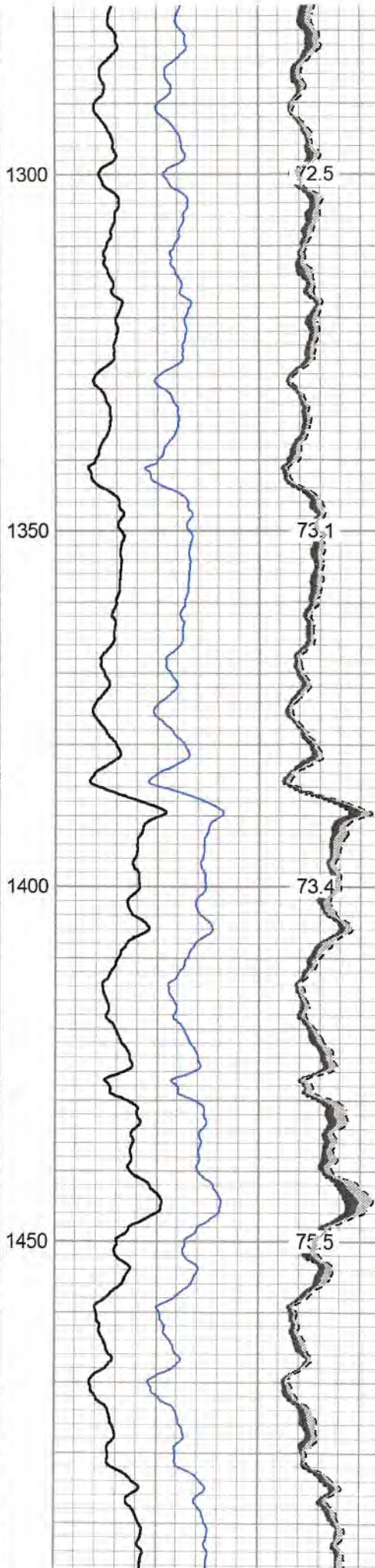
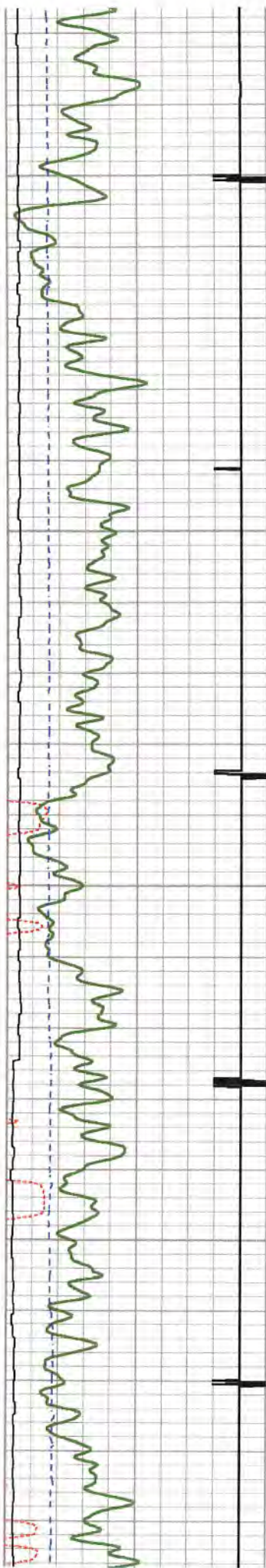


06/02/2023

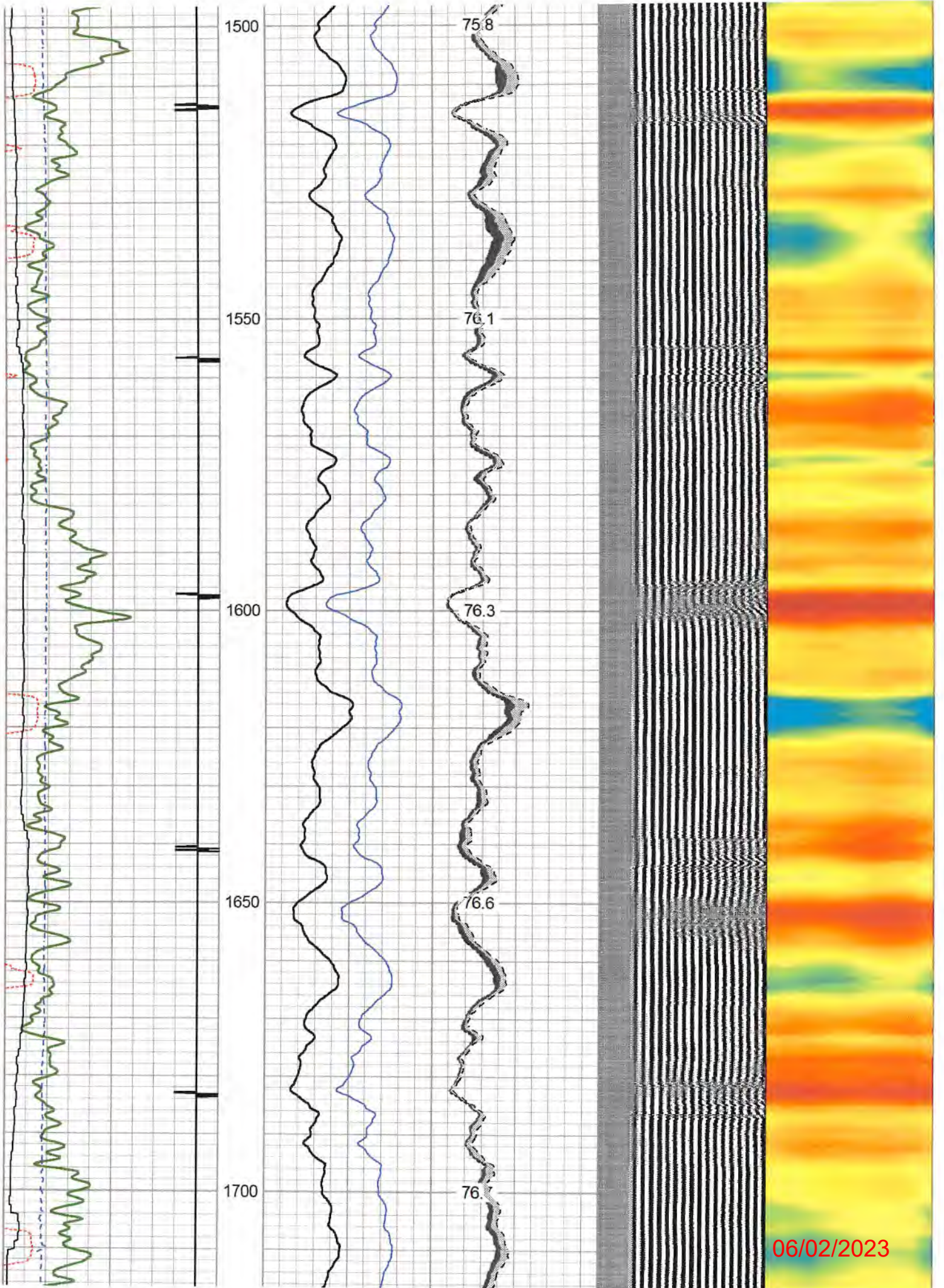


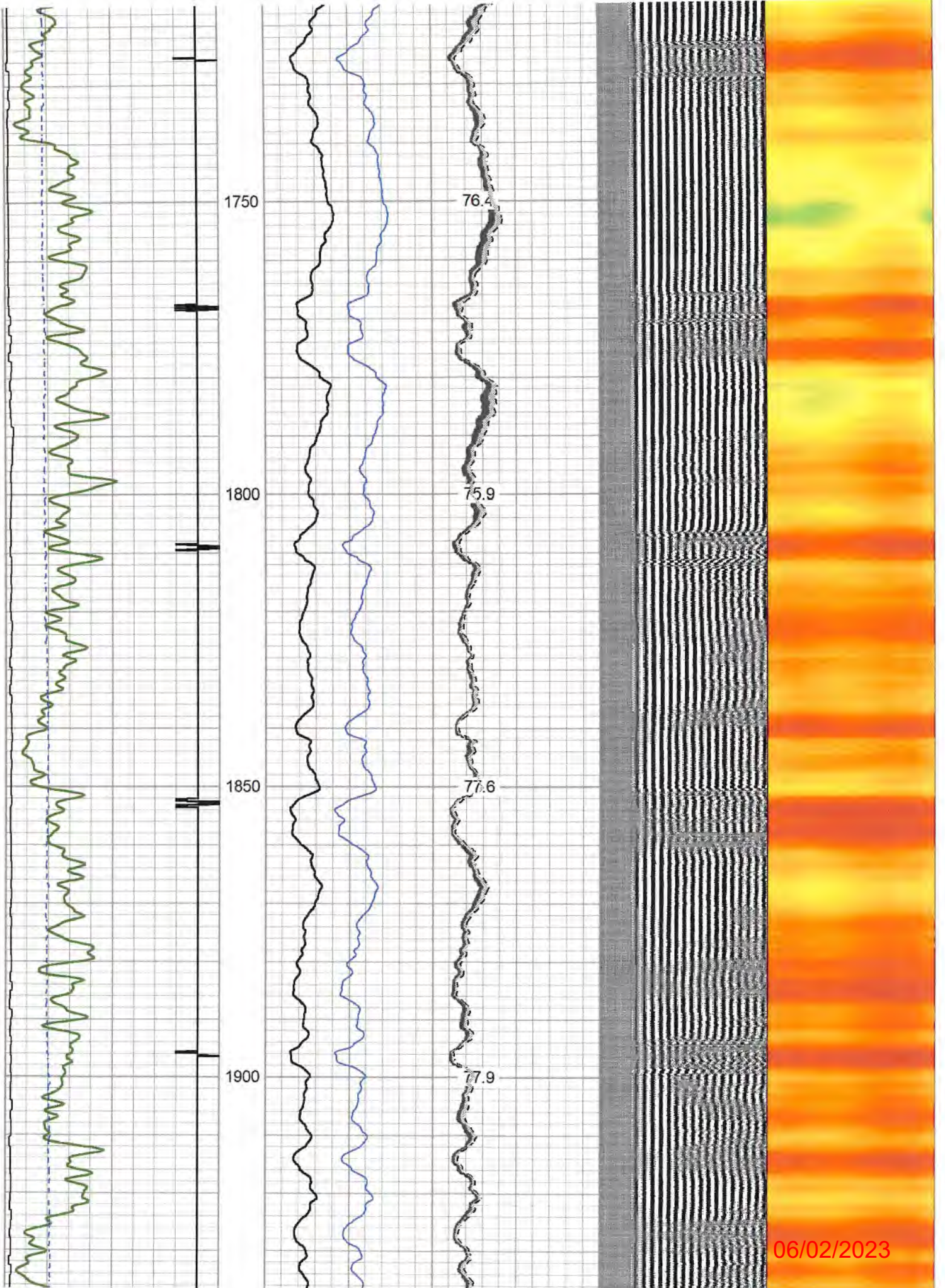


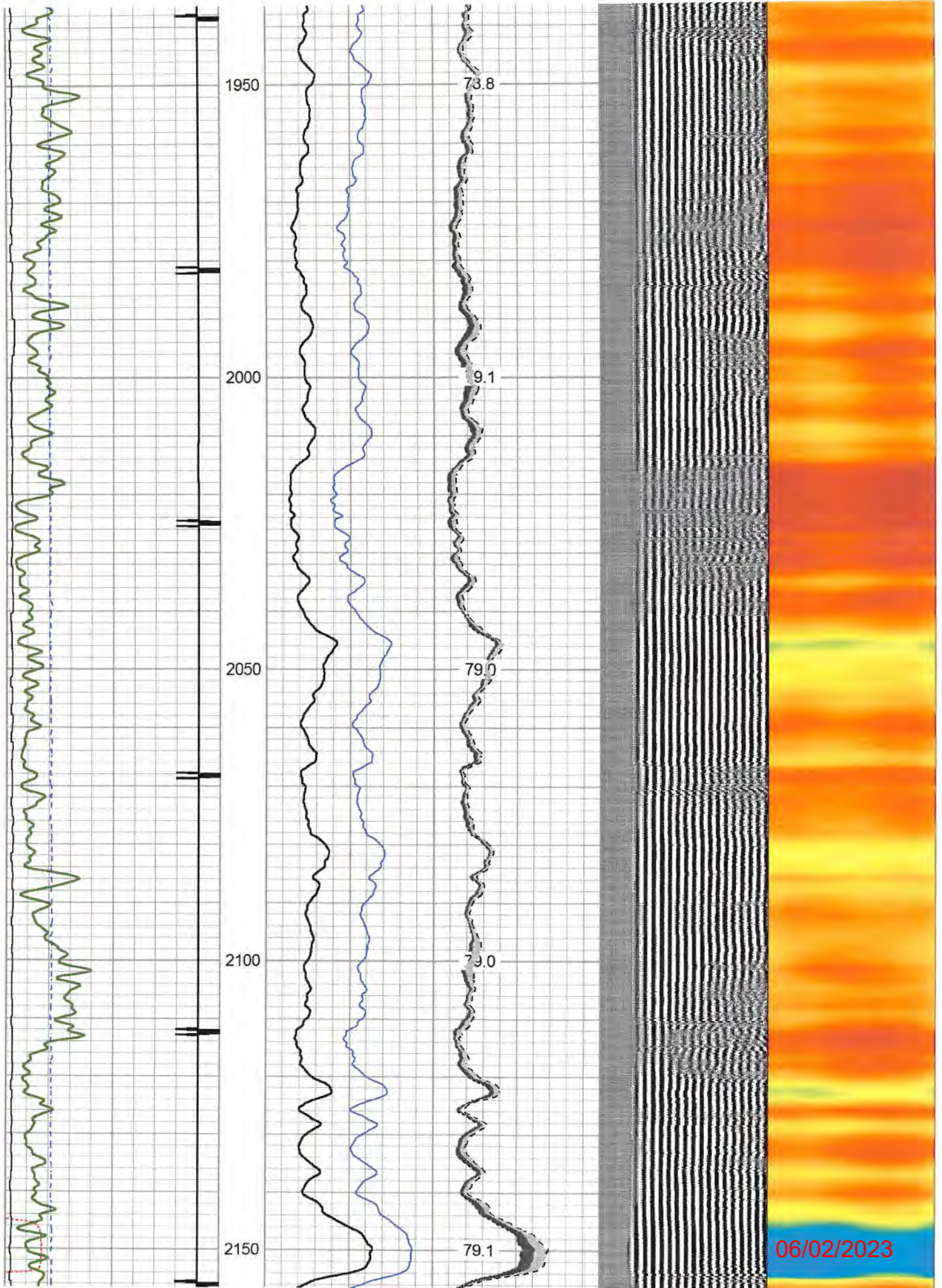
06/02/2023

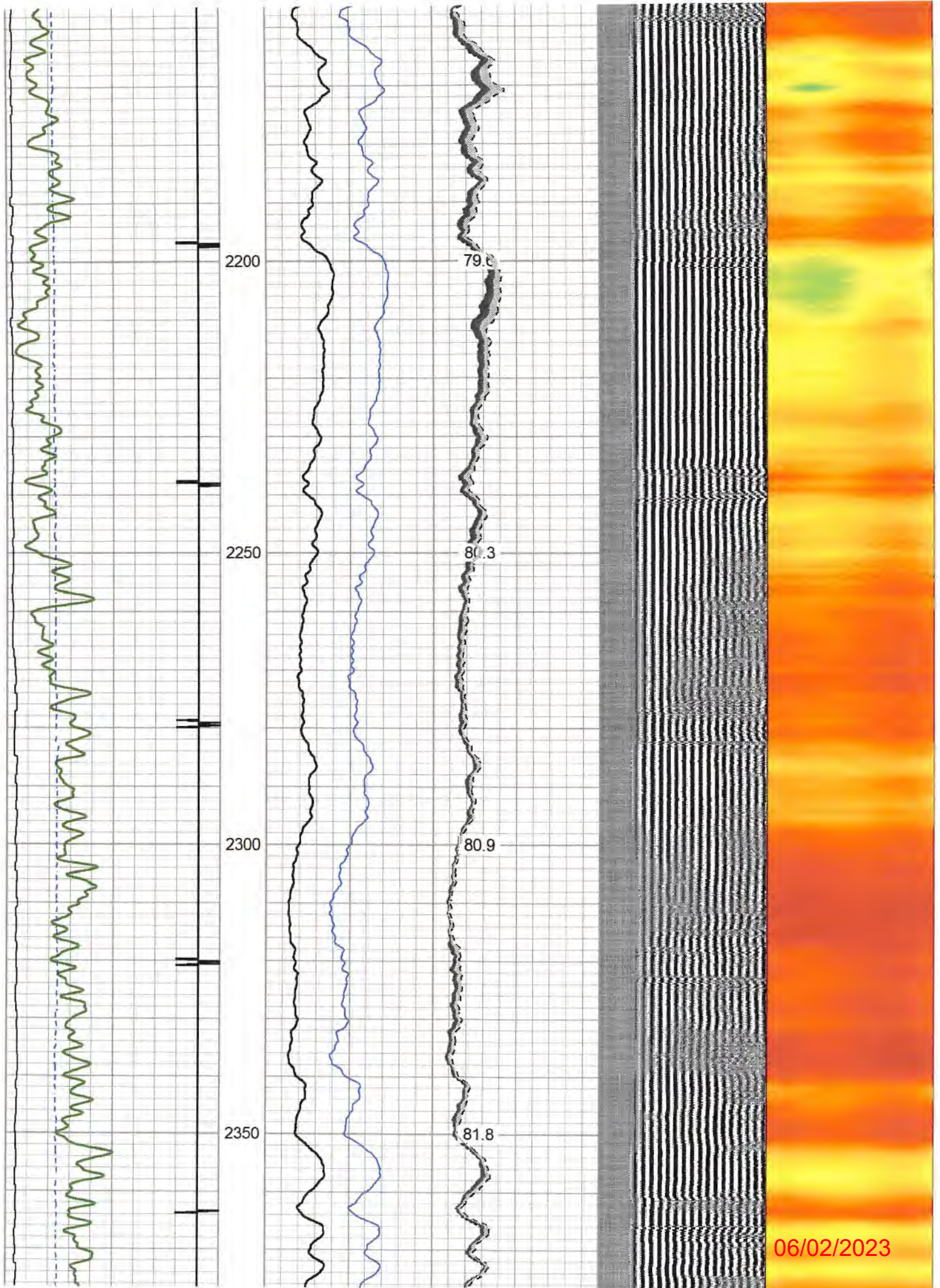


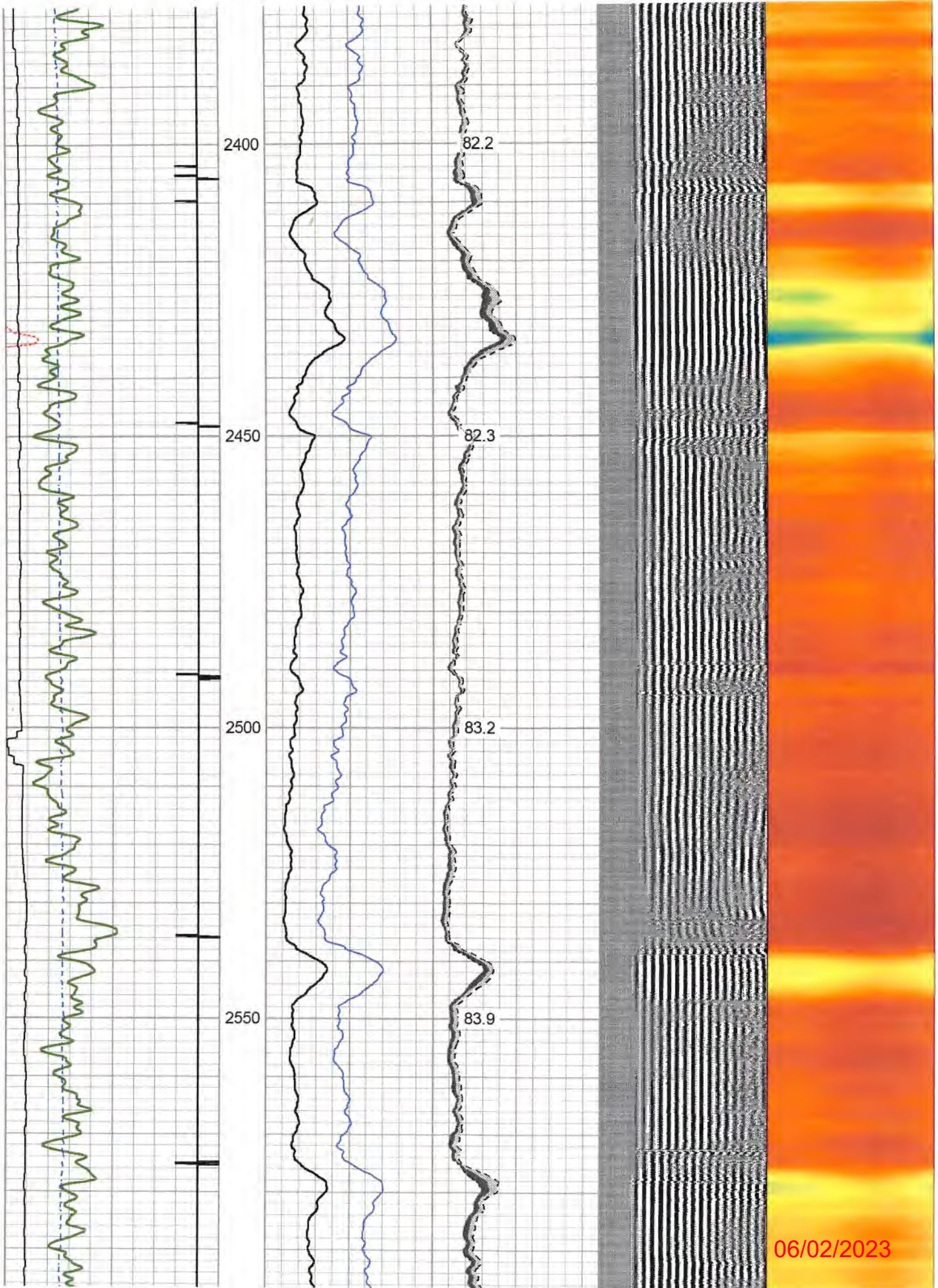
06/02/2023

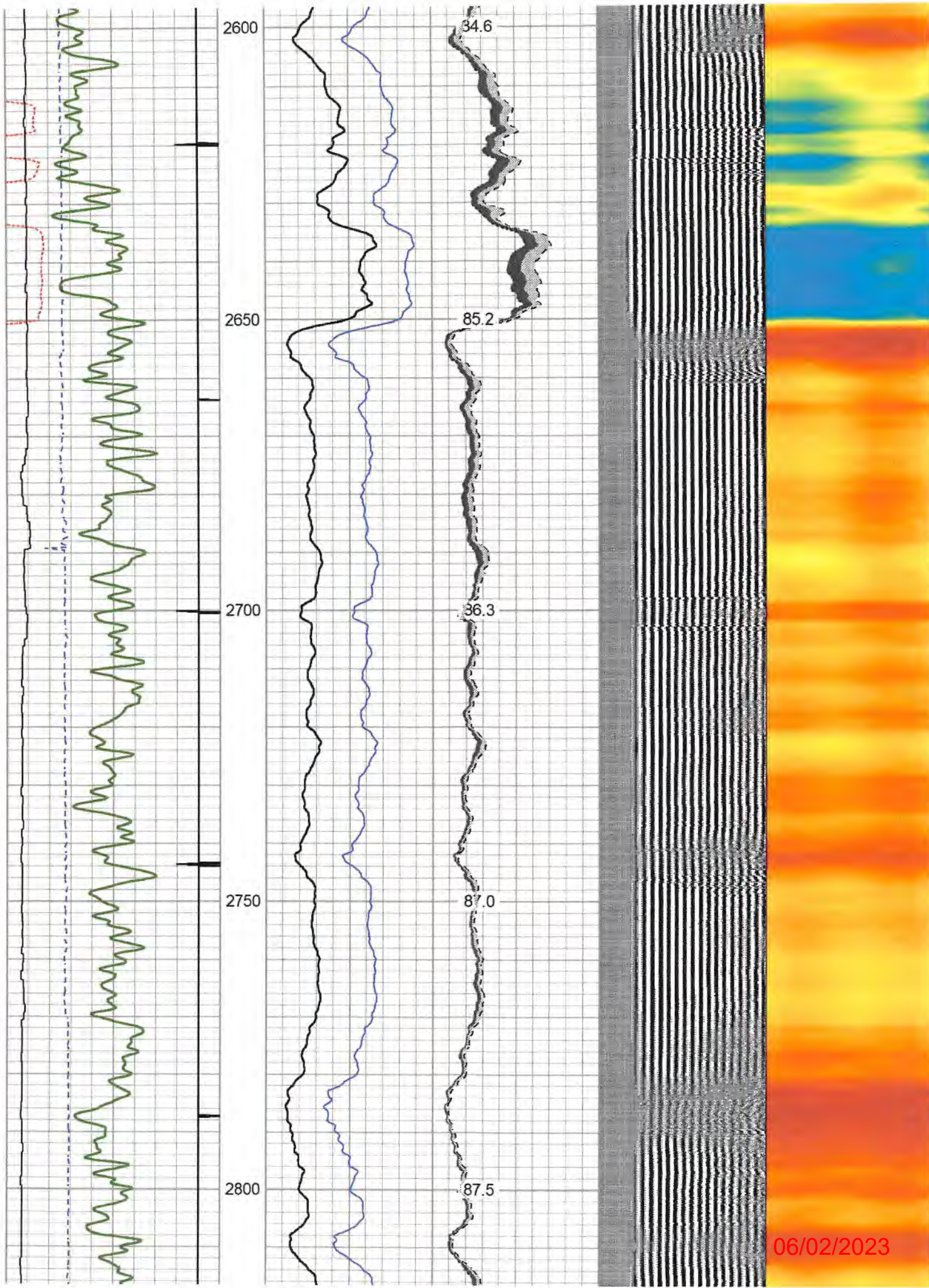




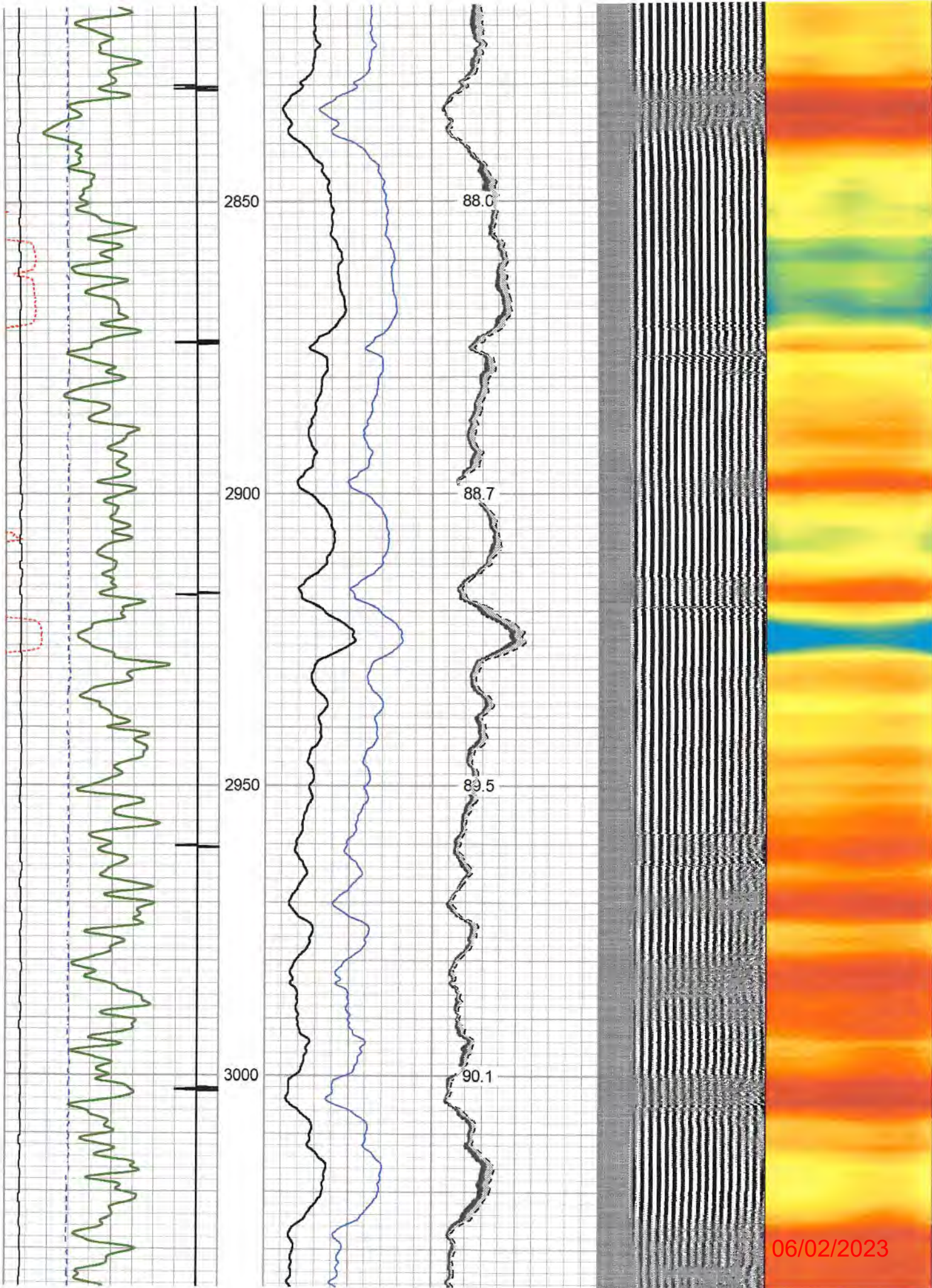


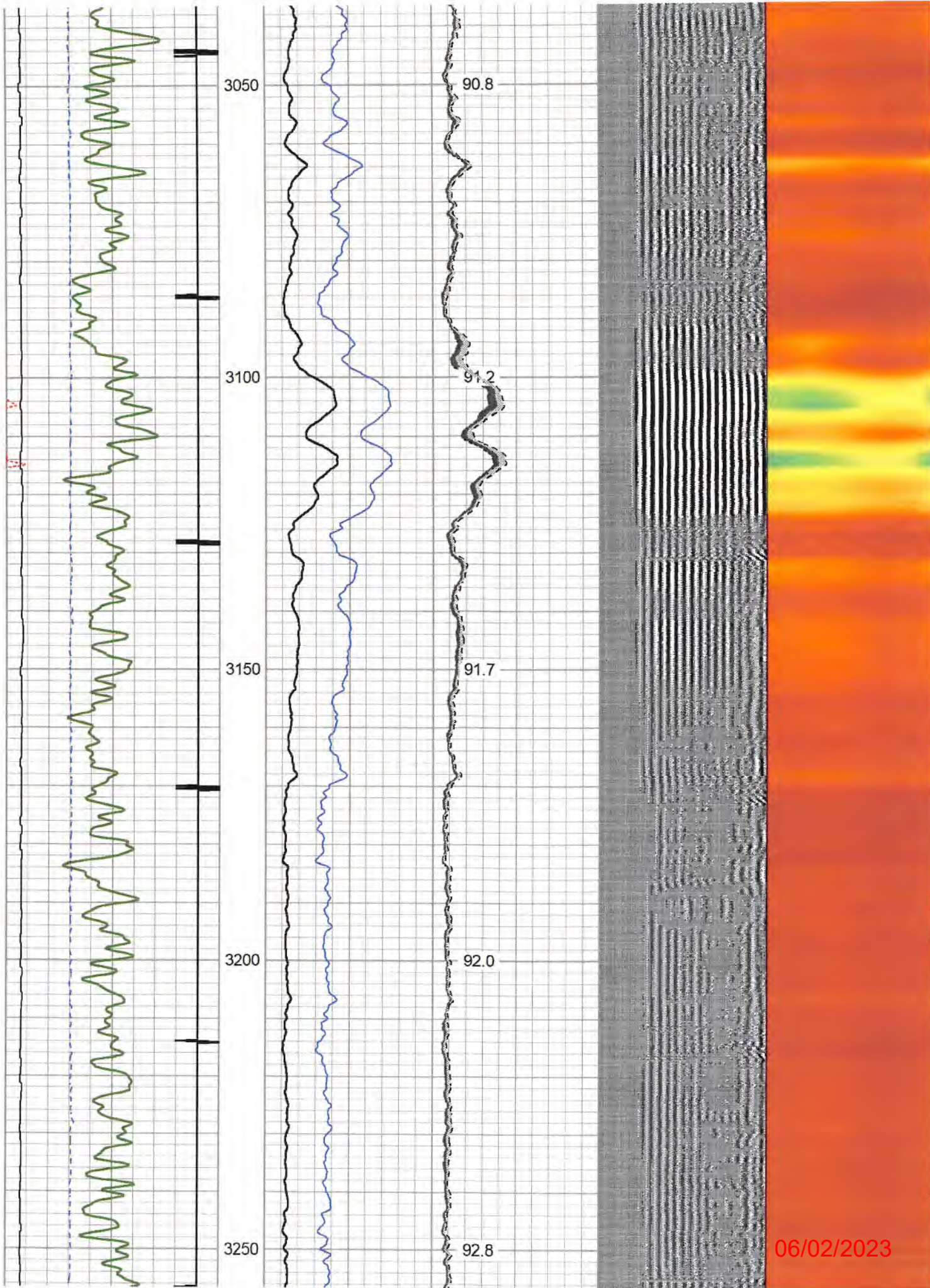






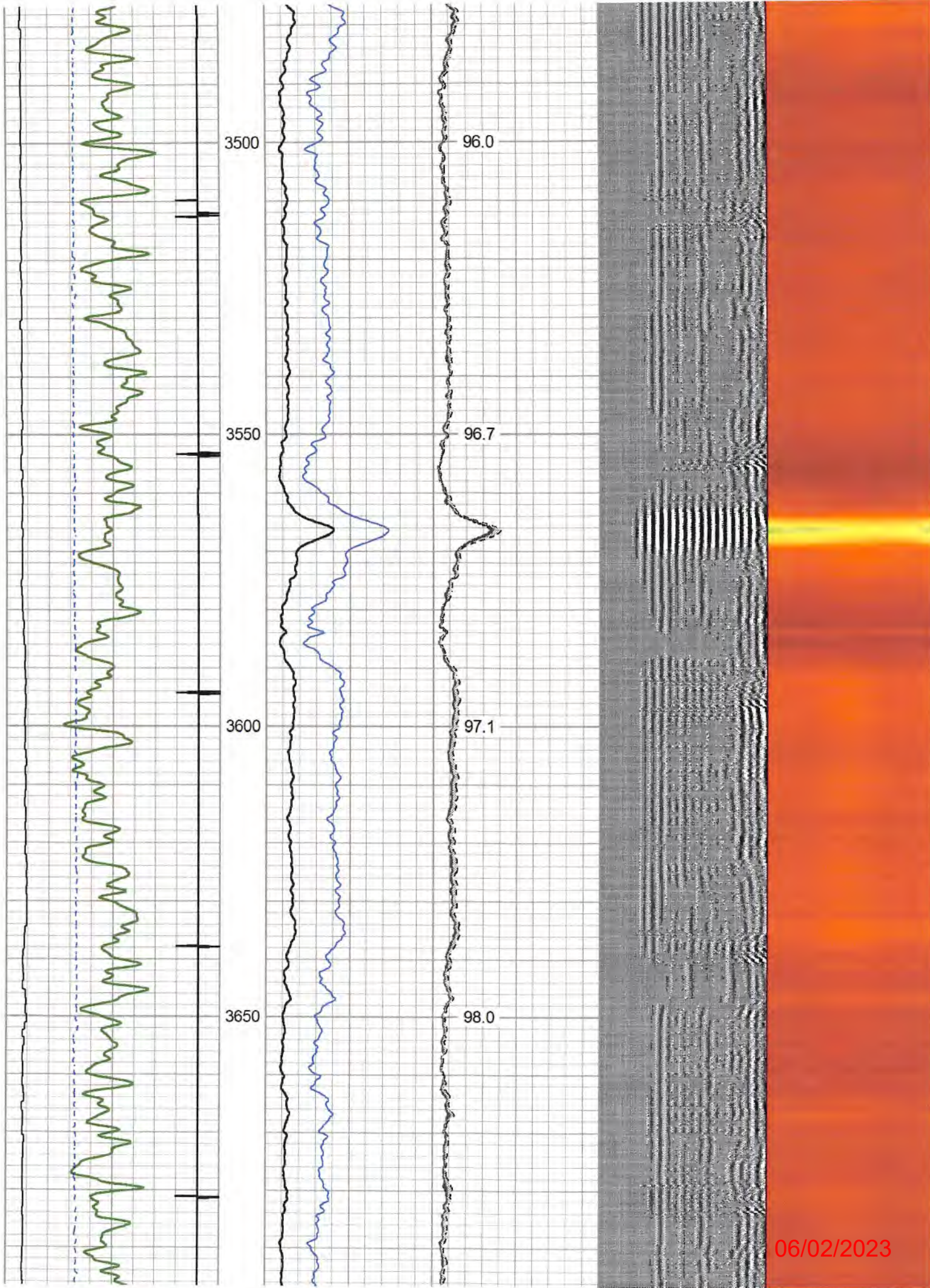
06/02/2023



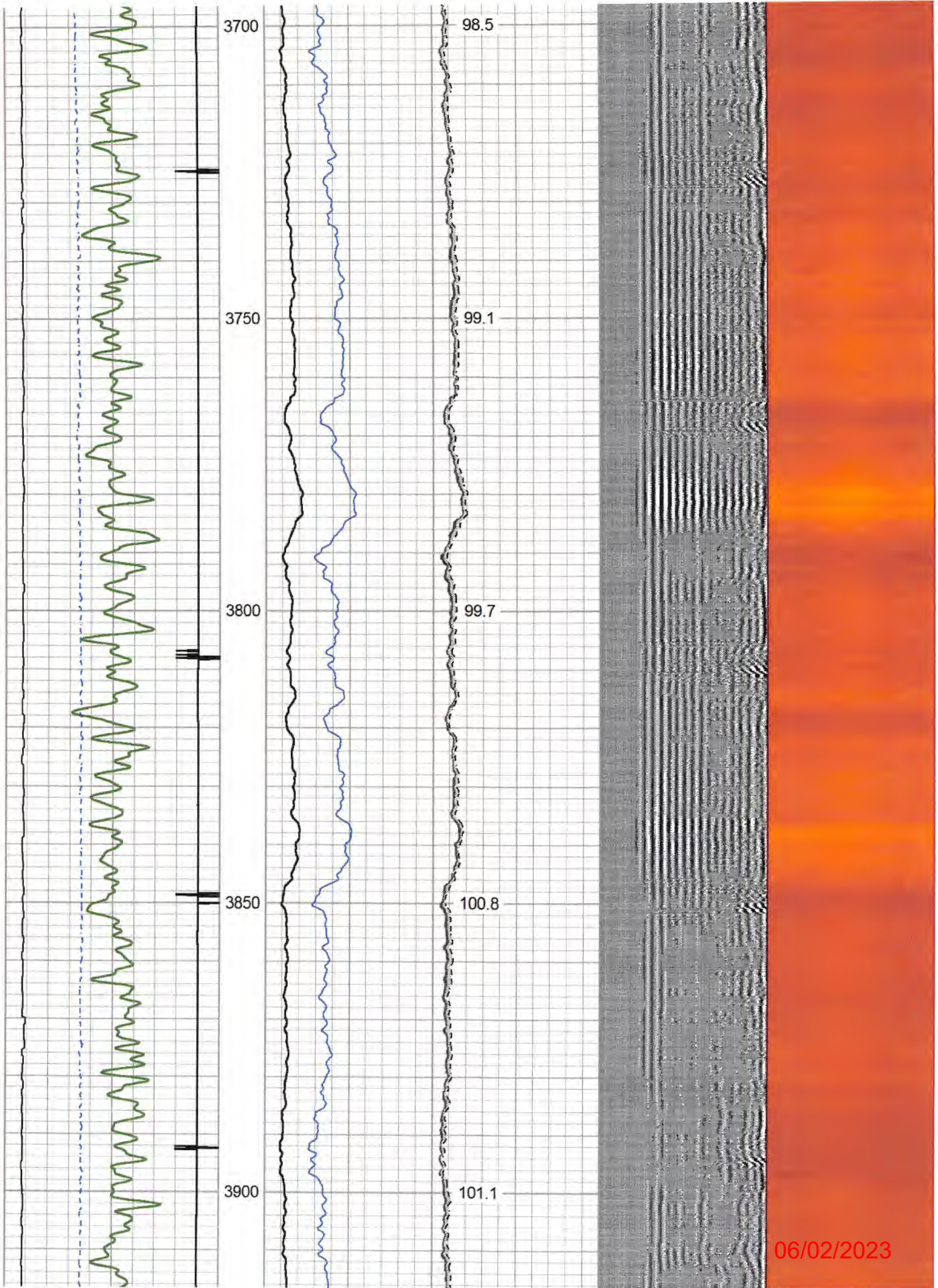




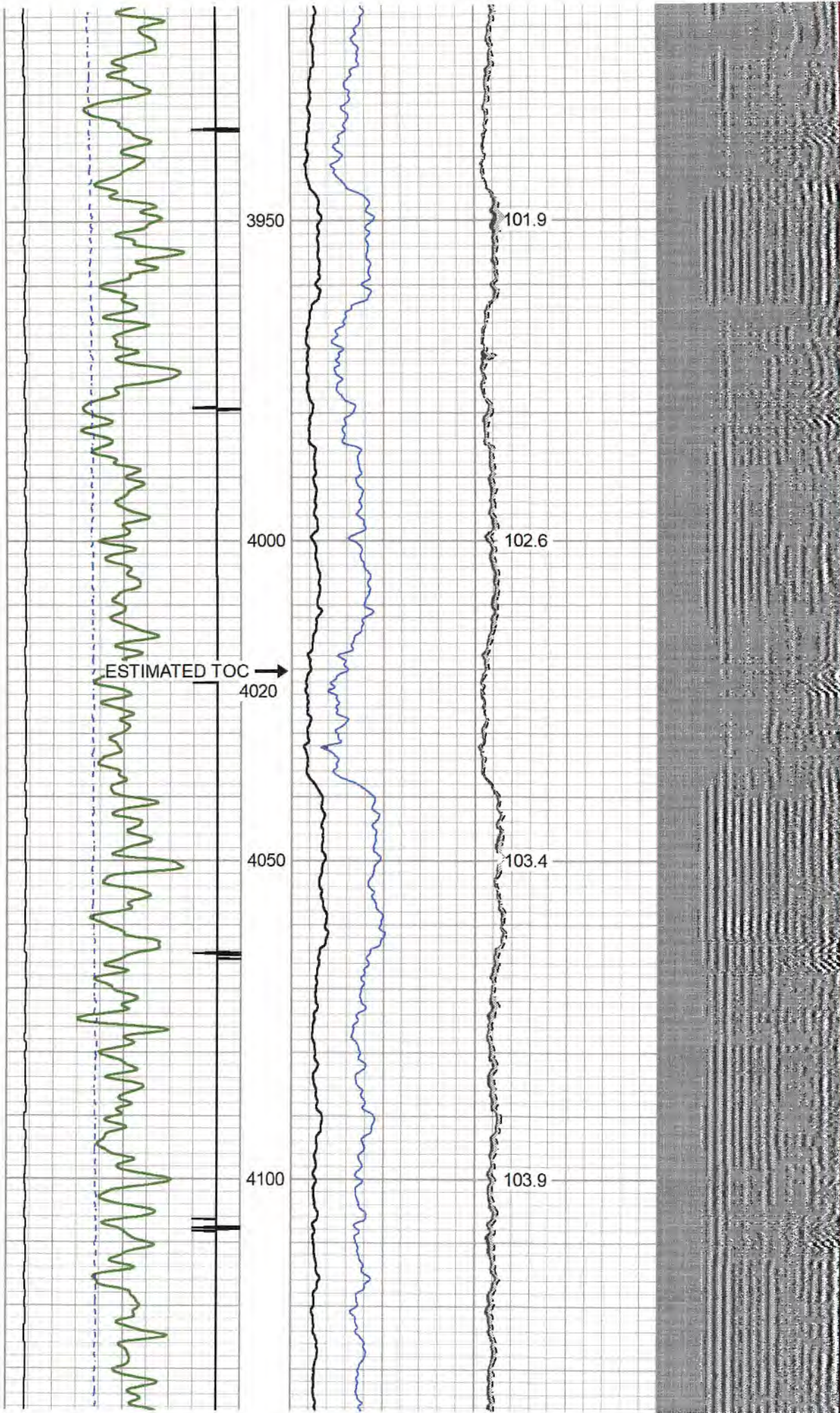
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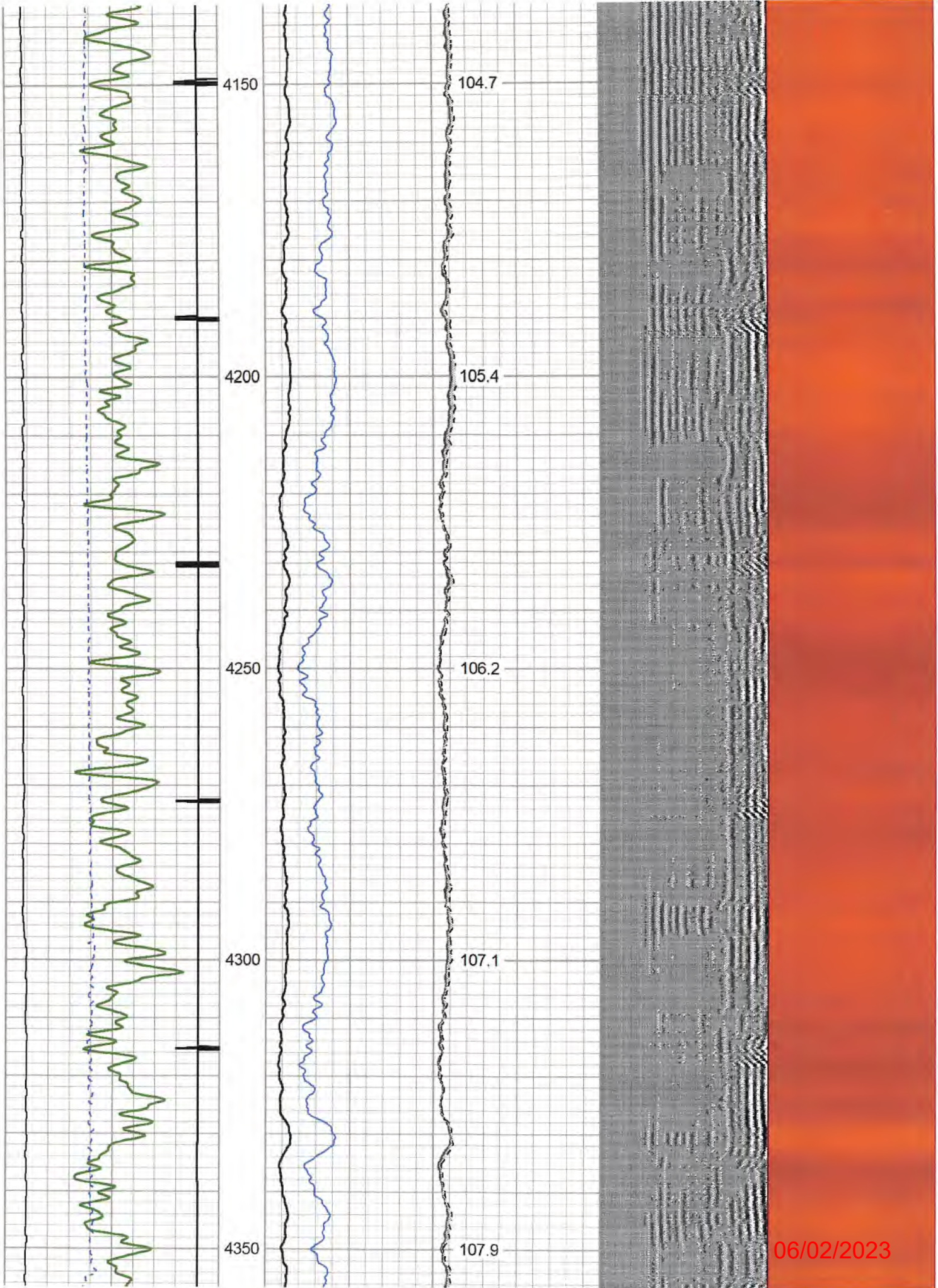


06/02/2023

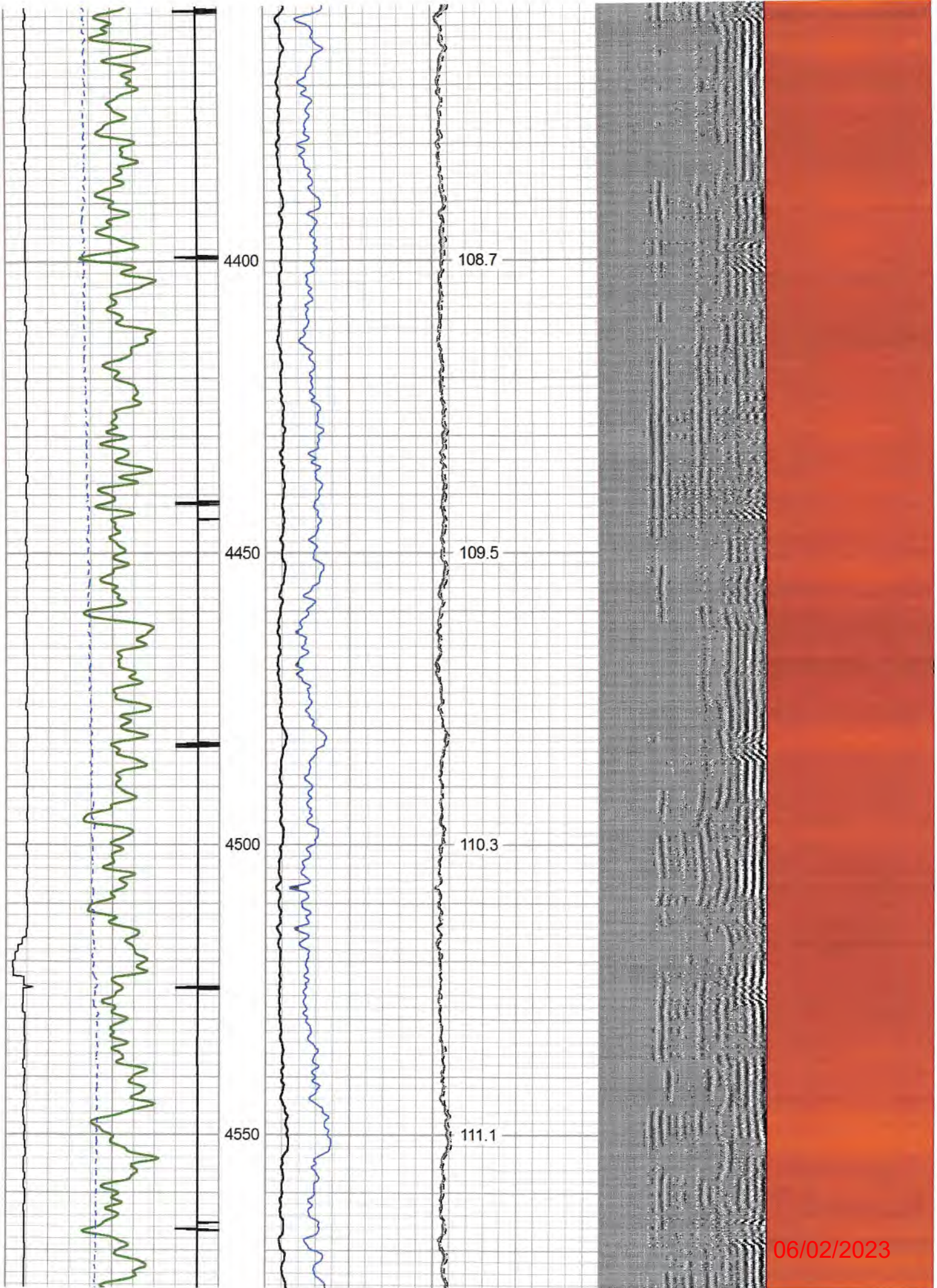


06/02/2023

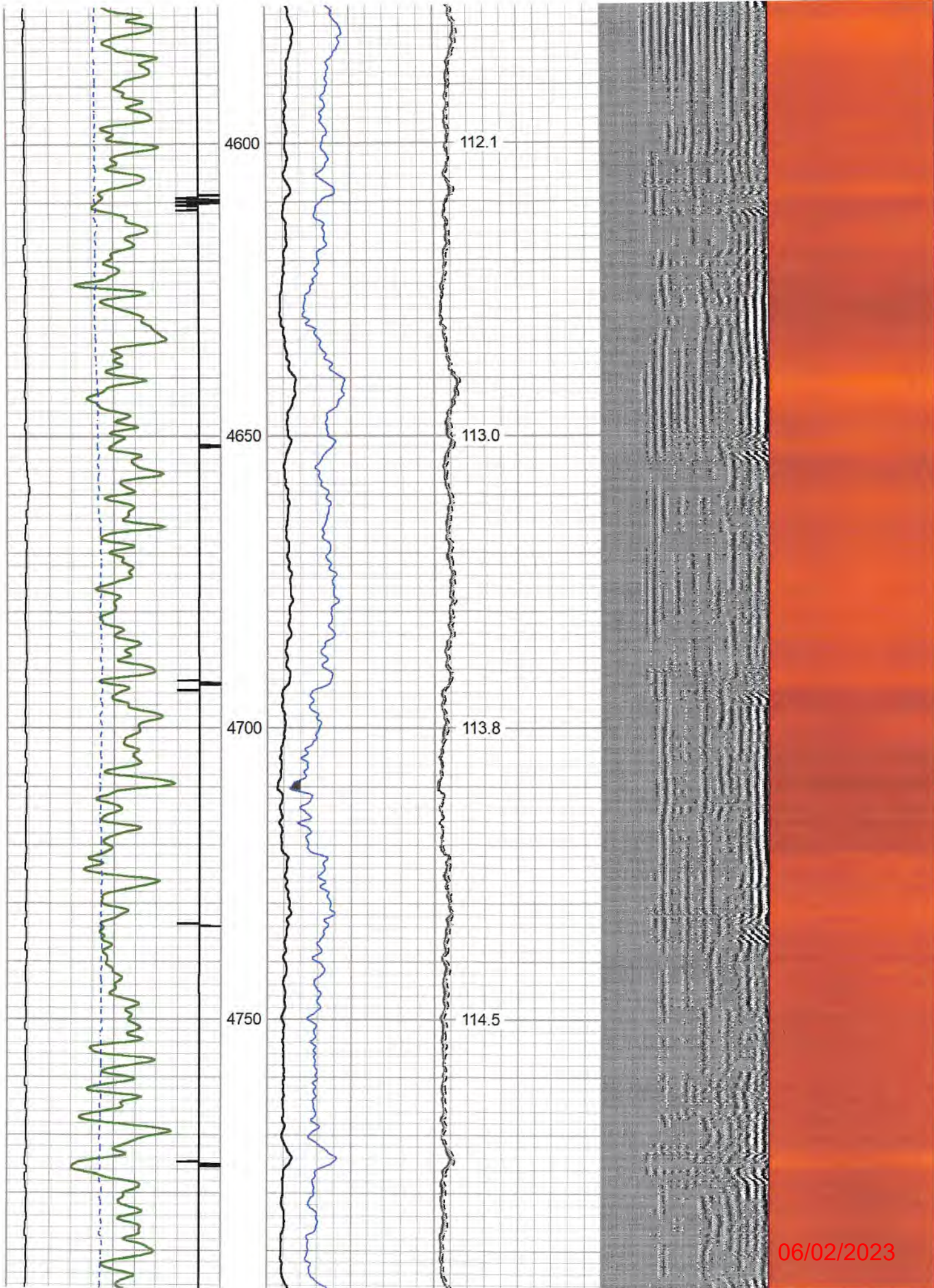


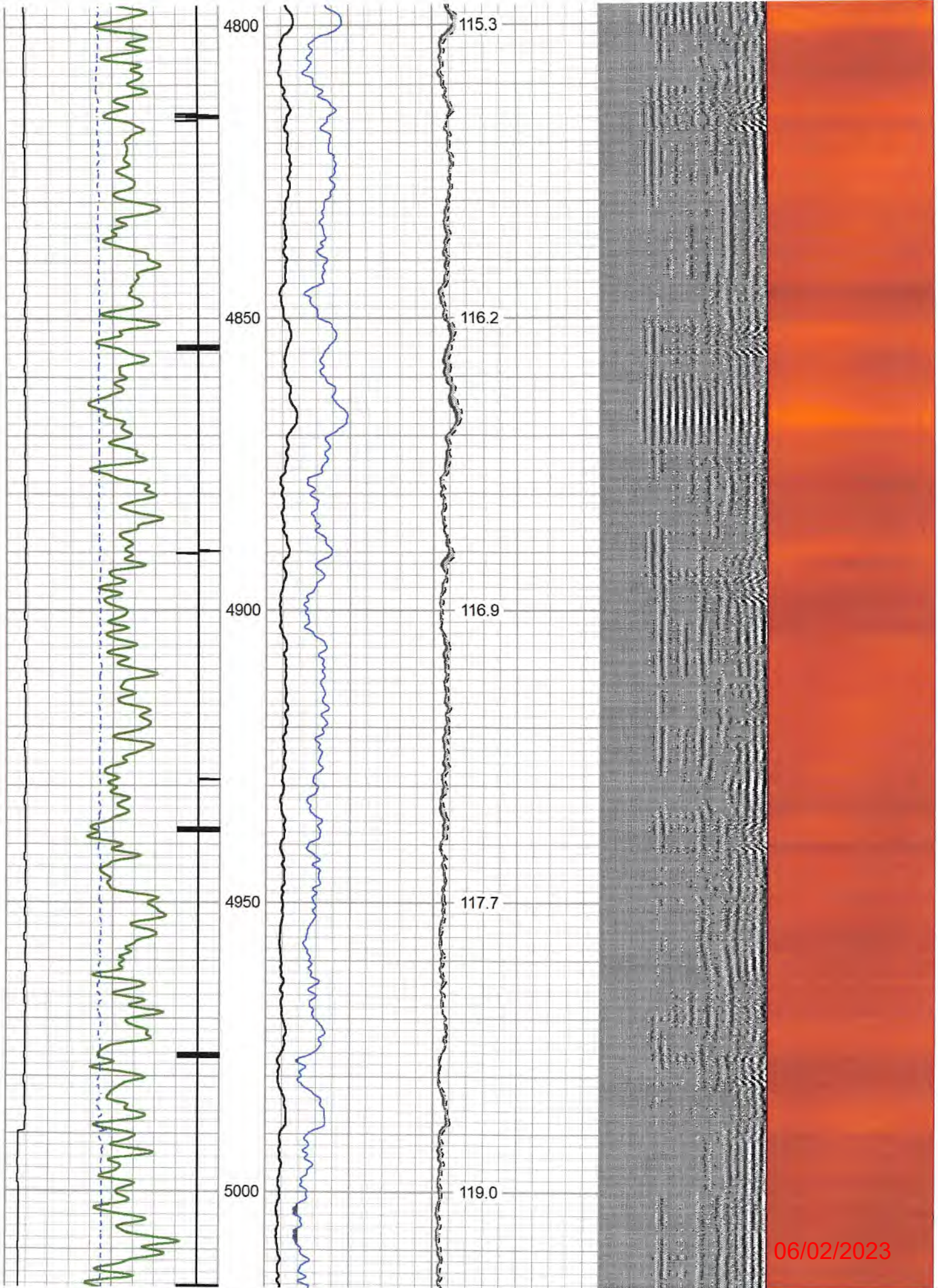


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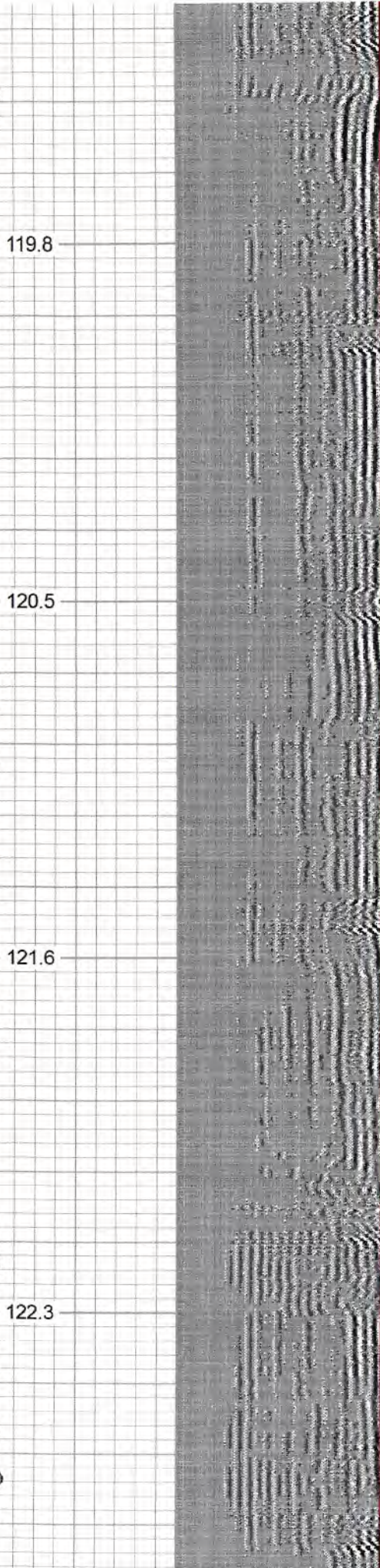
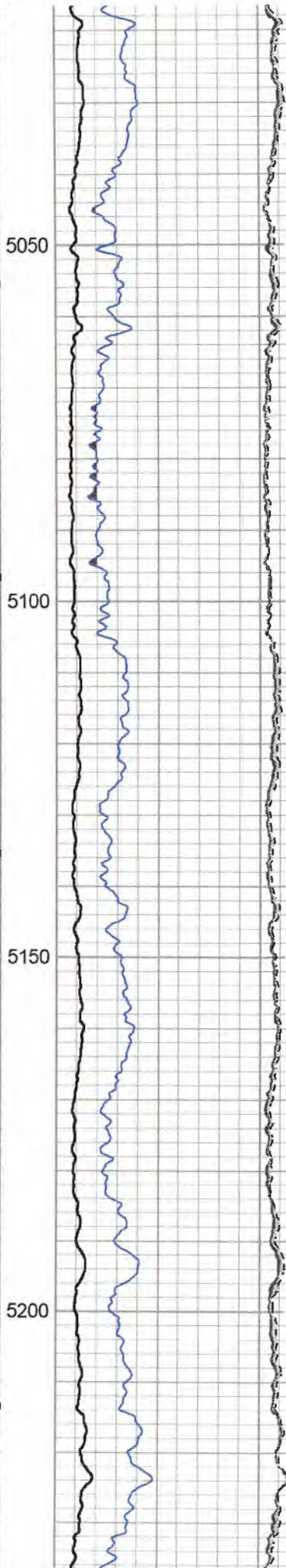
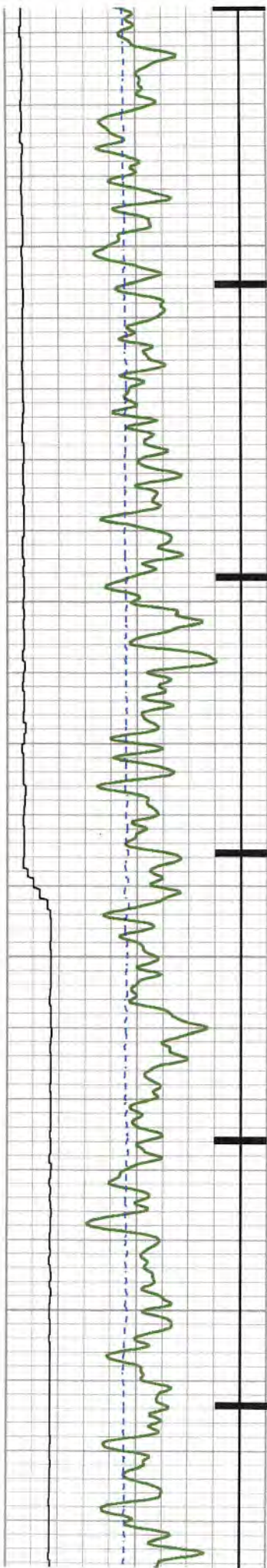


06/02/2023

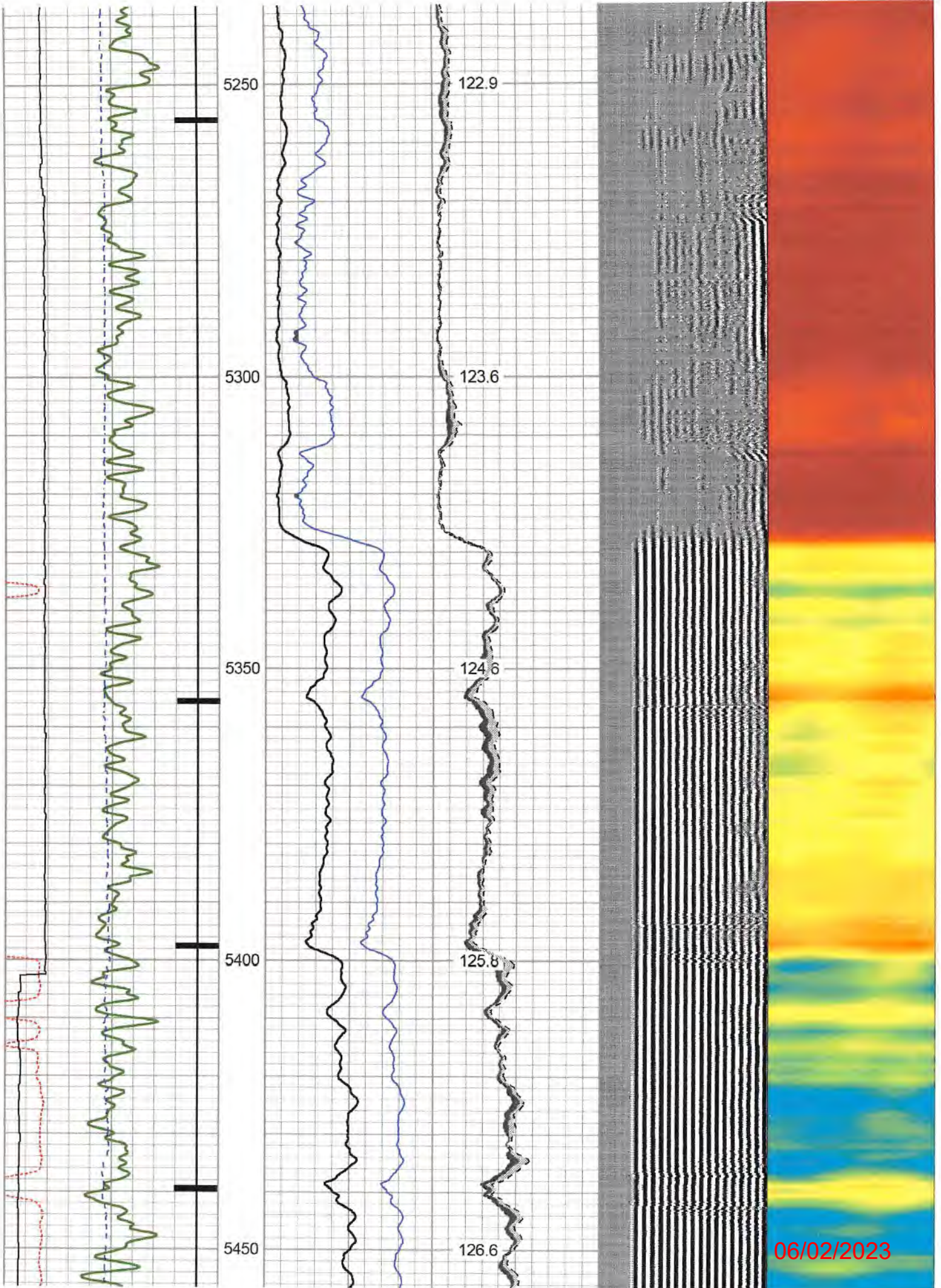


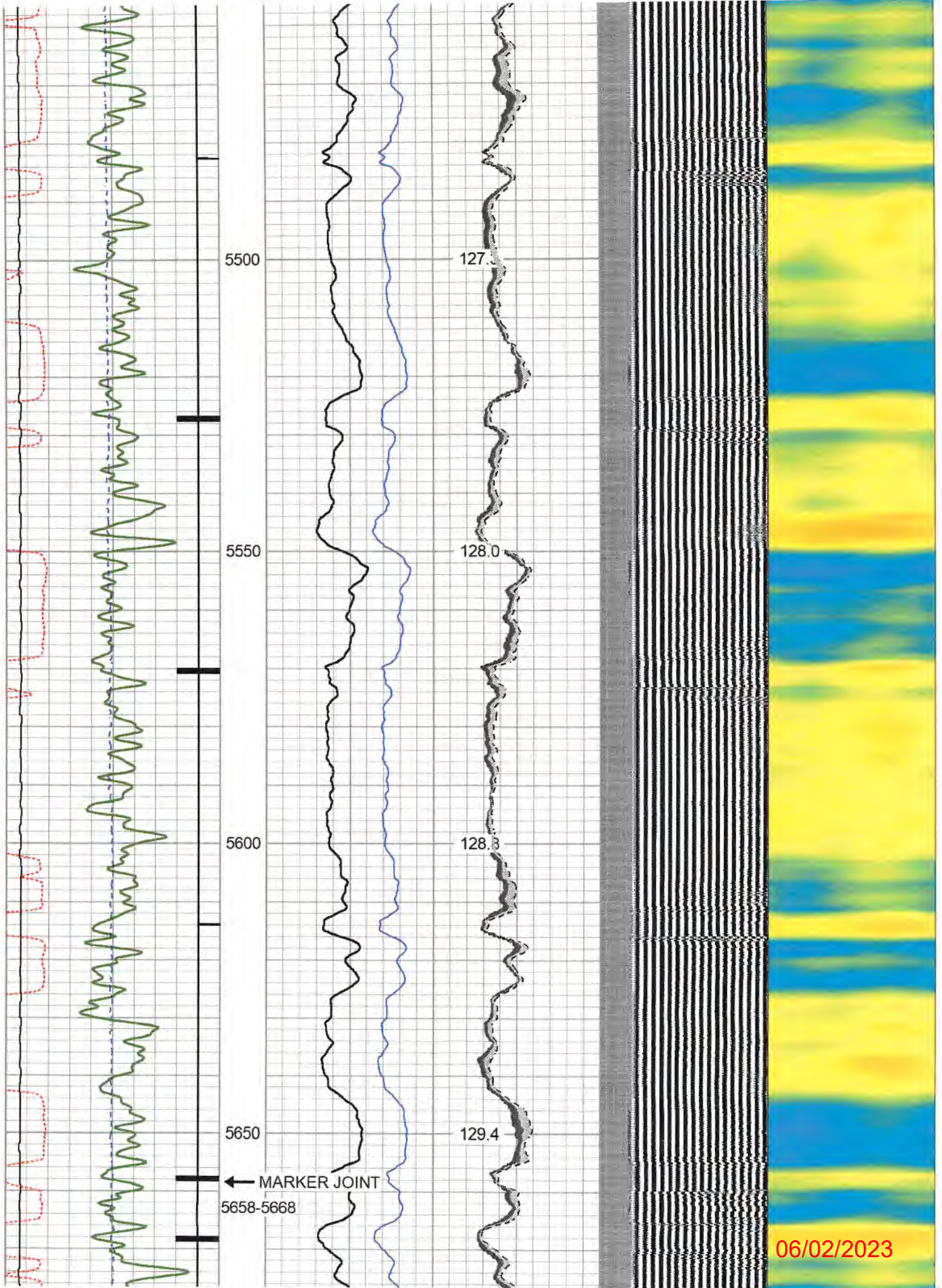


06/02/2023

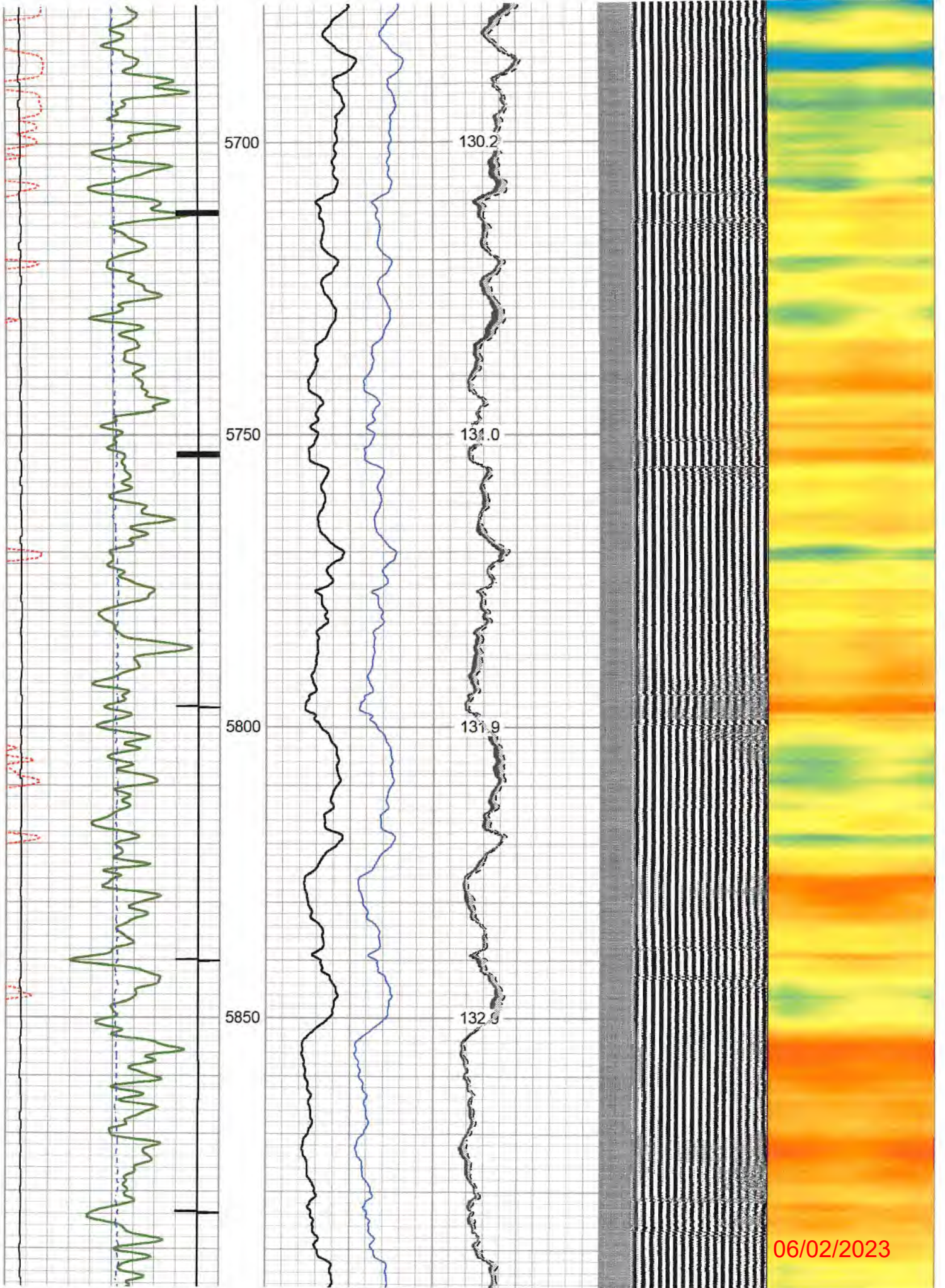


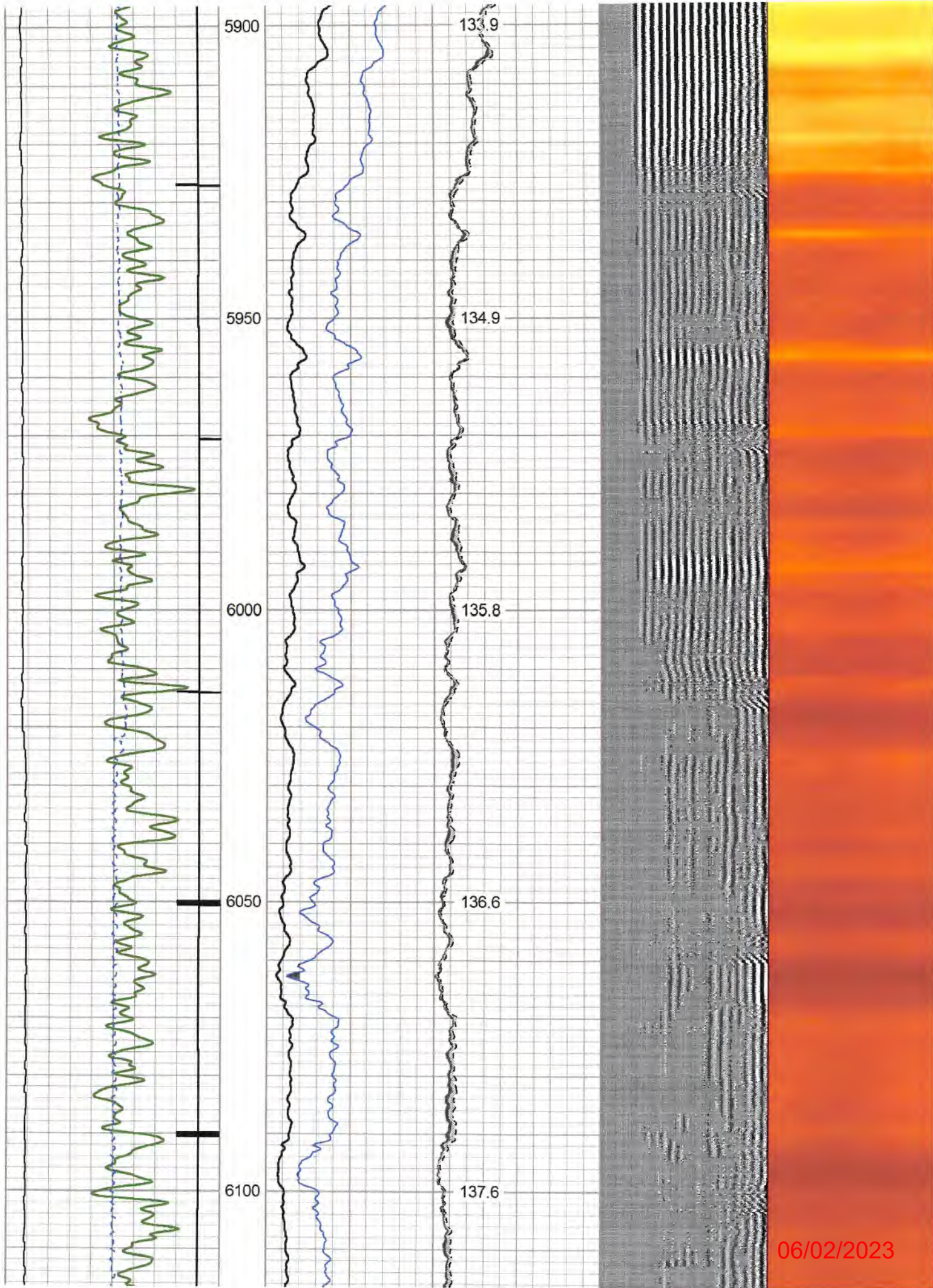
06/02/2023



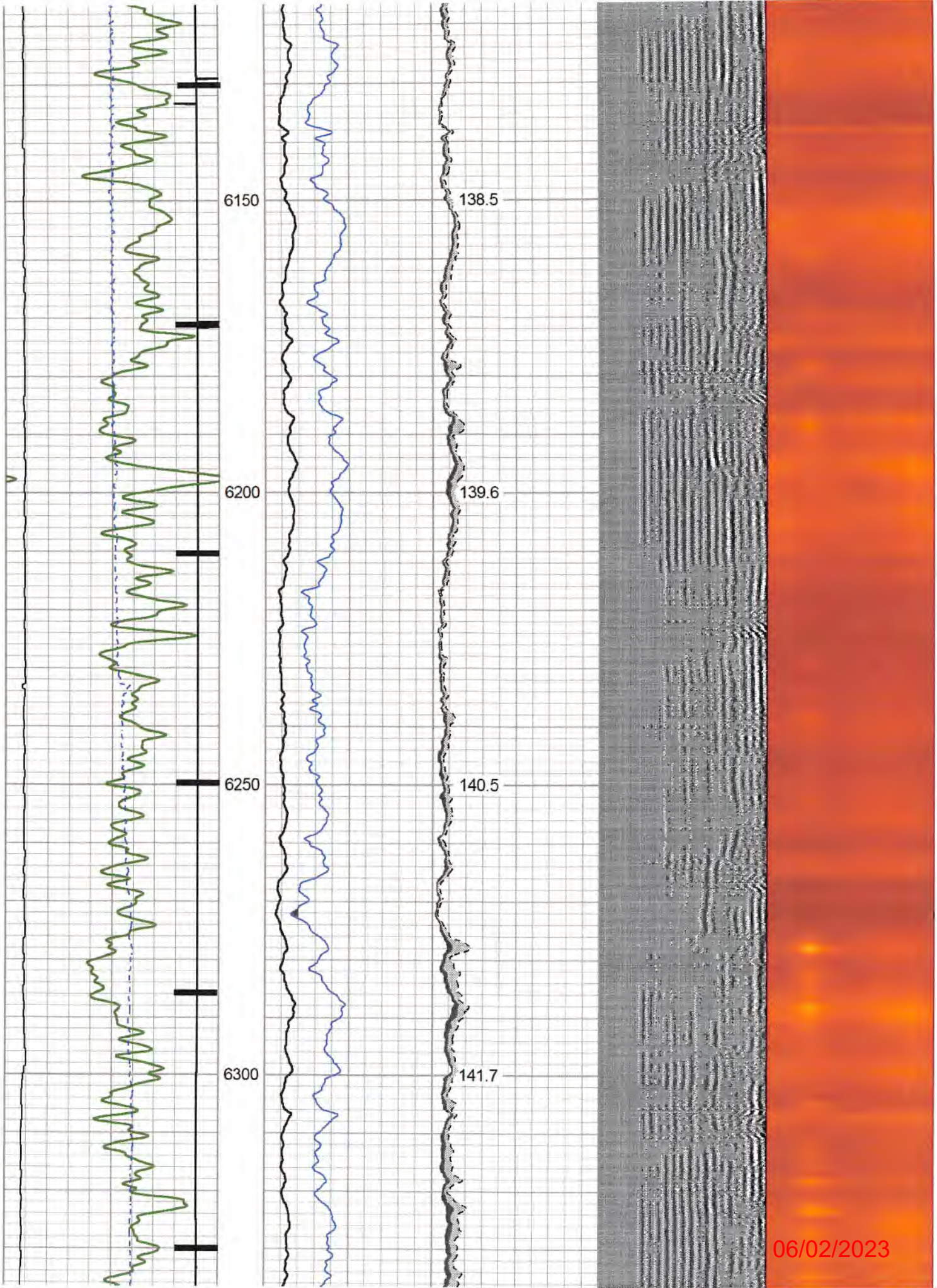


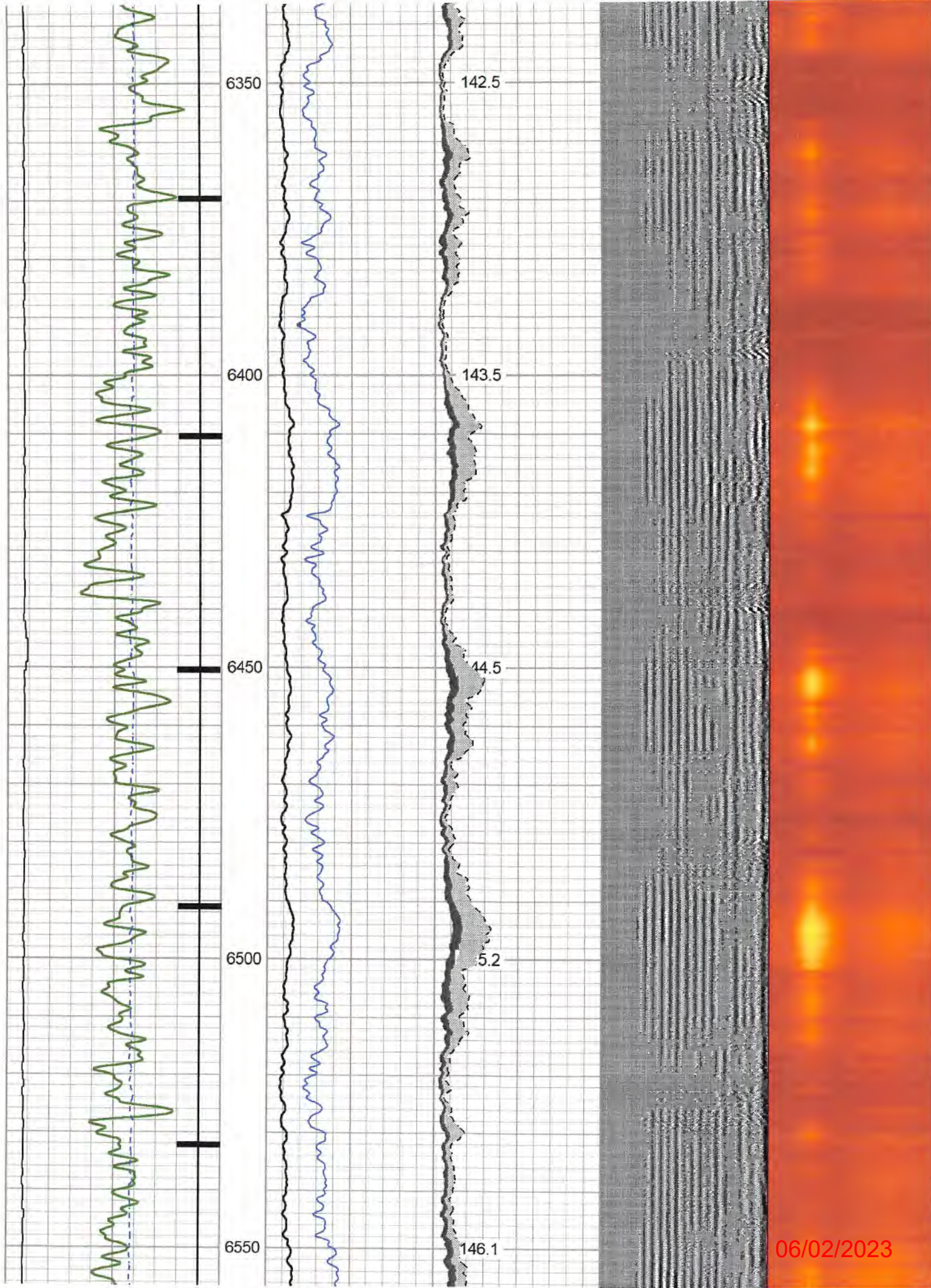
06/02/2023

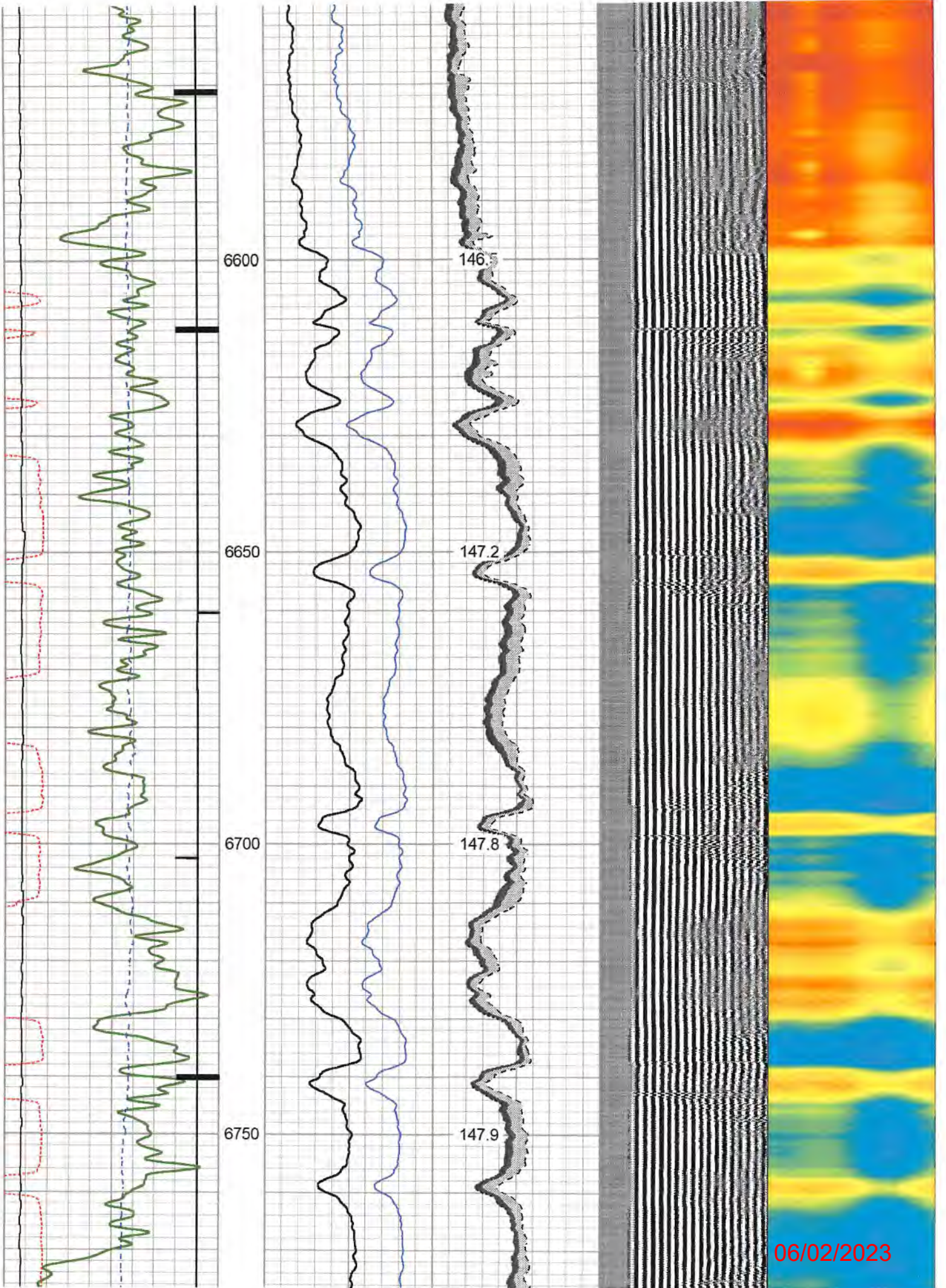


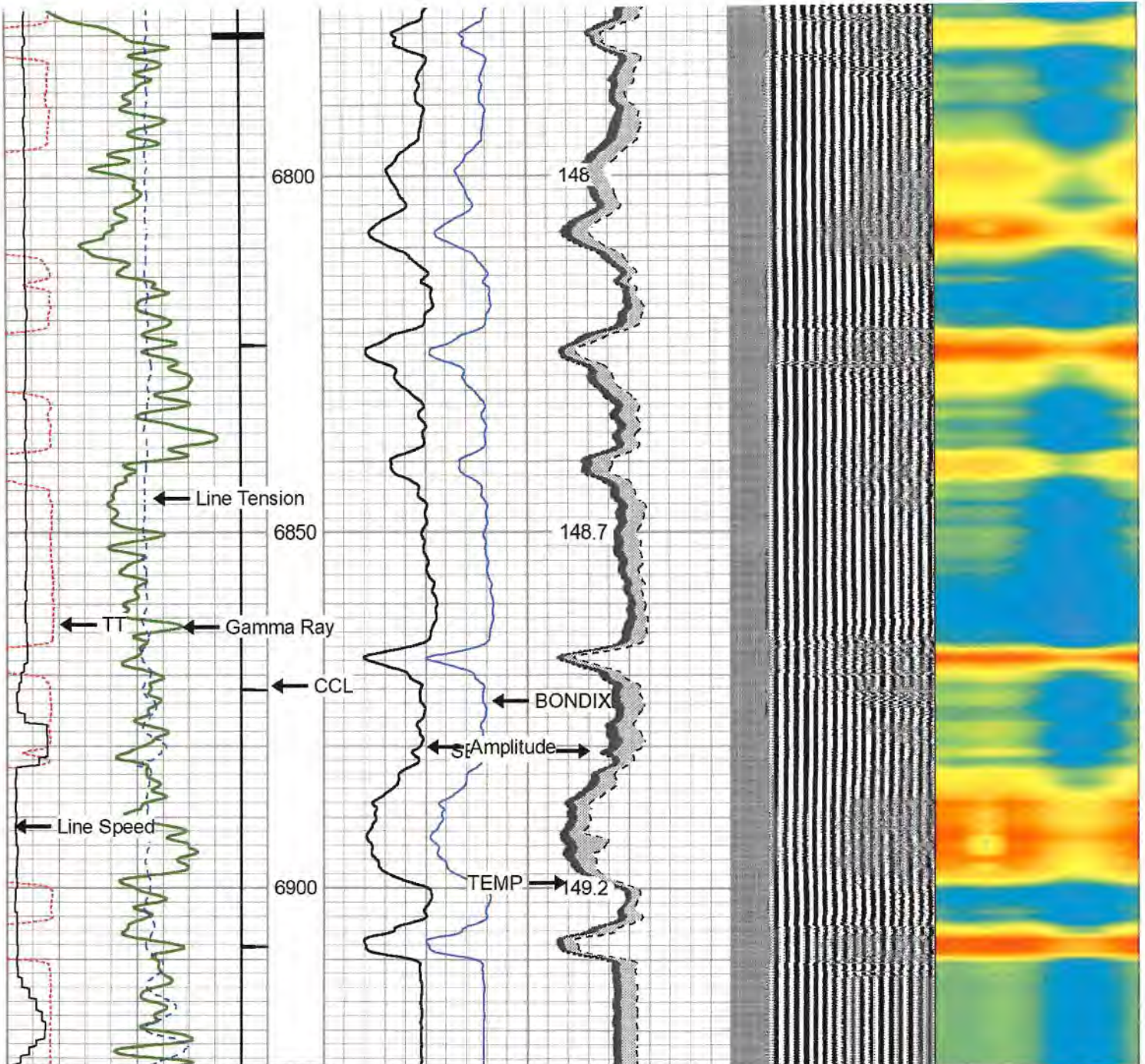


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270	Travel Time (usec)	160	0	Amplitude (mV)	100	0	AMPMIN	150	Variable Density	1	Cement Map	8
9	Casing Collar	-1	1	BONDIX	0	0	AMPMAX	150	200	(usec)	1200	
0	Gamma Ray (GAPI)	150	0	AMPAVG	150							
	Line Speed			TEMP								
-100	(ft/min)	100		(degF)								
0	Line Tension (lb)	2000										



REPEAT PASS- 1500 PSI

Database File antero-parr1h-12-4-21.db
 Dataset Pathname RABBIT_EARS/PAR_1H/RCBL/pass6
 Presentation Format rcbl-bond index for antero 1020
 Dataset Creation Sat Dec 04 14:39:13 2021
 Charted by Depth in Feet scaled 1:240

06/02/2023

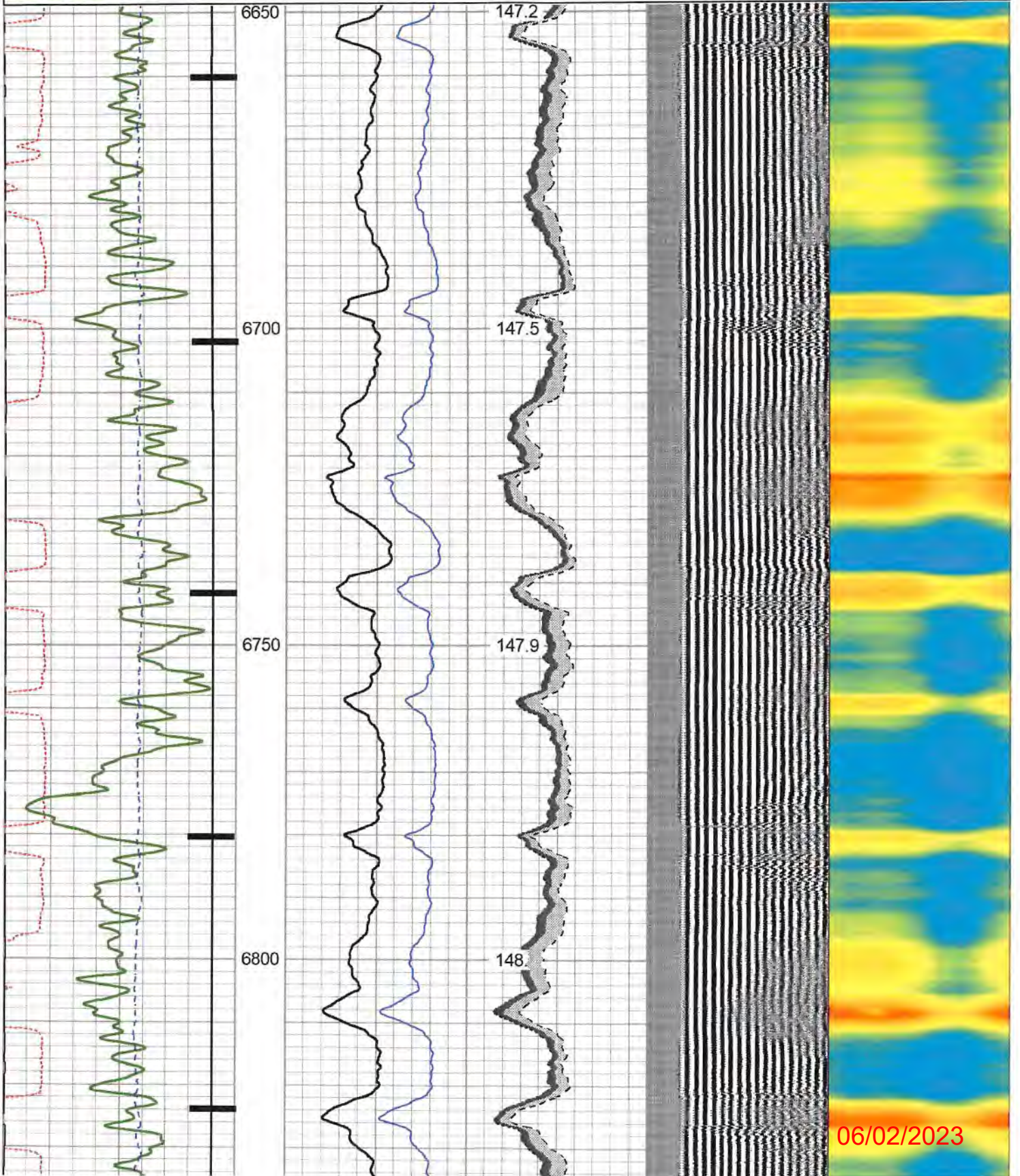
270	Travel Time (usec)	160
9	Casing Collar	-1
0	Gamma Ray (GAPI)	150
Line Speed		
-100	(ft/min)	100
0	Line Tension (lb)	2000

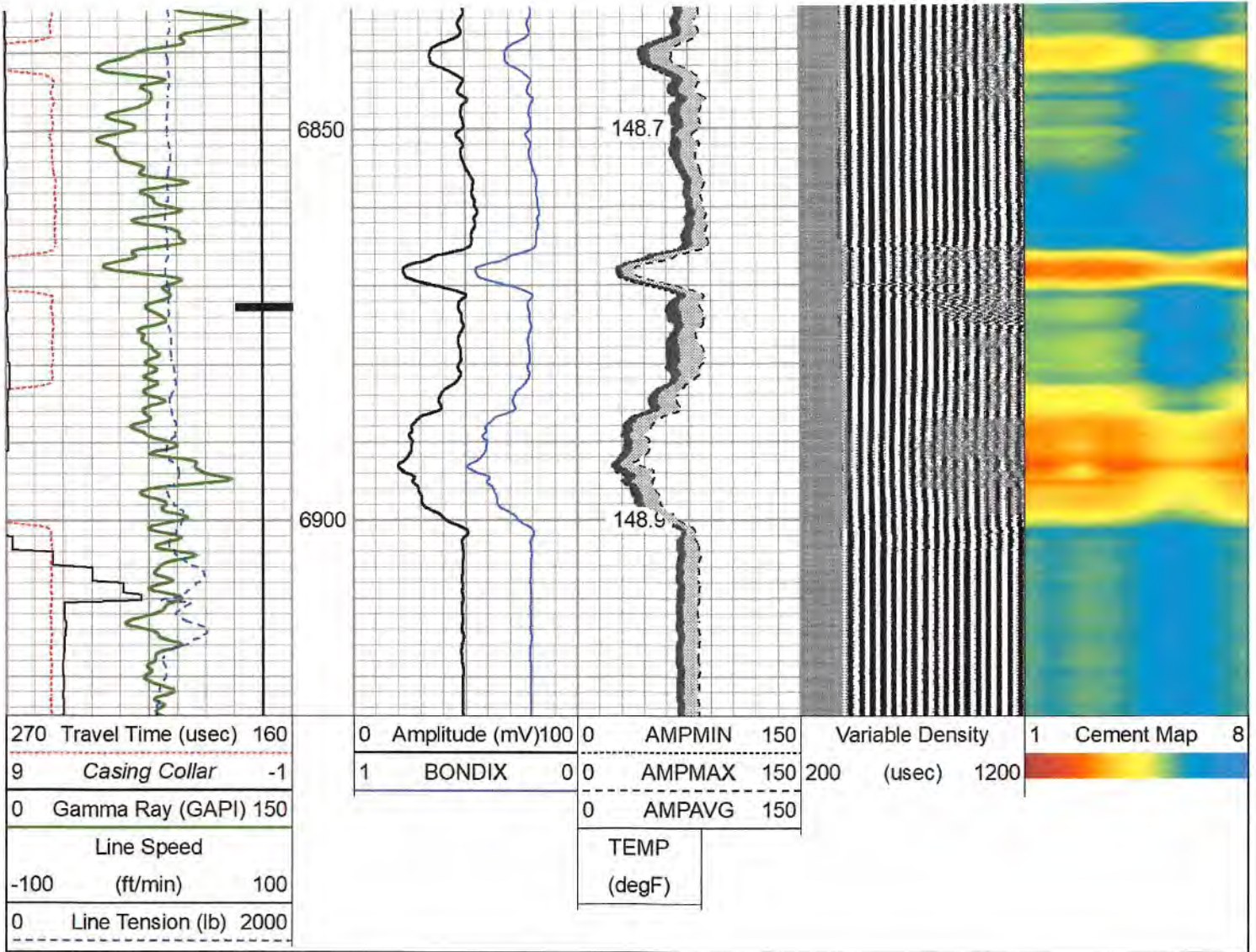
0	Amplitude (mV)	100
1	BONDIX	0
TEMP		
(degF)		

0	AMPMIN	150
0	AMPMAX	150
0	AMPAVG	150

Variable Density
200 (usec) 1200

1 Cement Map 8



Calibration Report

Database File antero-parr1h-12-4-21.db
 Dataset Pathname RABBIT_EARS/PAR_1H/RCBL/pass8
 Dataset Creation Sat Dec 04 14:57:27 2021

Gamma Ray Calibration Report

Serial Number: FW1211-86
 Tool Model: Probe
 Performed: Mon Nov 15 11:21:05 2021

Calibrator Value: 1.0 GAPI
 Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps
 Sensitivity: 0.7000 GAPI/cps

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Office of Oil and Gas
MAR 03 2023
WV Department of
Environmental Protection

Segmented Cement Bond Log Calibration Report

Serial Number: 2.75"
 Tool Model: Probe275T

Calibration Casing Diameter: 5.500 in
 Calibration Depth: 3253.033 ft

Master Calibration, performed Sat Dec 04 08:57:14 2021:

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	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.014	0.356	4.000	70.000	178.534	6.437
CAL	0.490	0.490				
5'	-0.012	0.311	4.000	70.000	204.637	6.456
SUM						
S1	-0.003	0.315	0.000	100.000	314.835	0.846
S2	-0.011	0.327	0.000	100.000	295.793	3.307
S3	-0.014	0.339	0.000	100.000	283.499	3.866
S4	-0.013	0.352	0.000	100.000	273.687	3.541
S5	-0.013	0.362	0.000	100.000	266.858	3.352
S6	-0.013	0.391	0.000	100.000	247.964	3.133
S7	-0.013	0.382	0.000	100.000	253.191	3.245
S8	-0.013	0.364	0.000	100.000	265.328	3.401

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

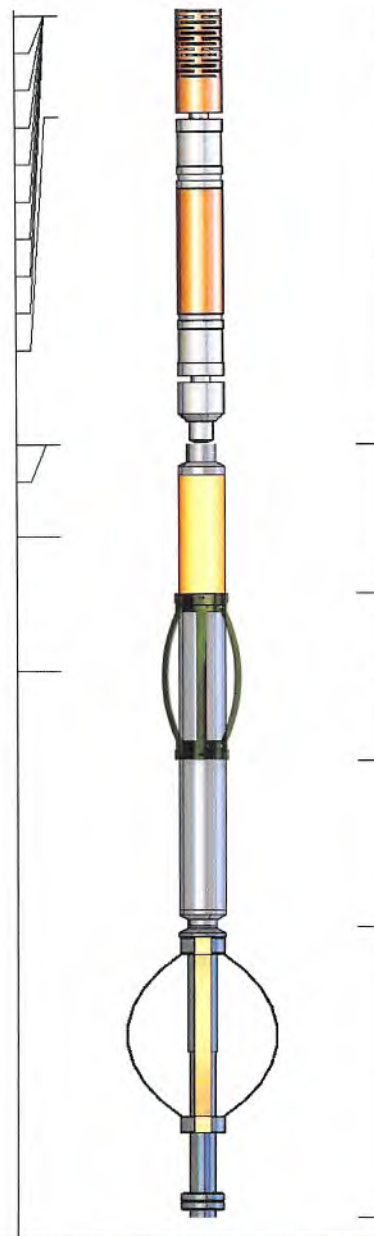
	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.490	0.490	1.000	0.000

Air Zero Calibration, performed Sat Dec 04 08:09:25 2021:

	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	16.99		CHD-Titan Standard 1 7/16" Cable Head	1.02	1.44	1.00
			Centralizer-2.75_Overbody	1.67	3.12	5.00
Temp	14.14		RBT-Probe275T (2.75") Probe 2.75" Radial with Integral Temperature Sub	9.39	2.75	90.00

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WVFS8	11.91					
WVFS7	11.91					
WVFS6	11.91					
WVFS5	11.91					
WVFS4	11.91					
WVFS3	11.91					
WVFS2	11.91					
WVFS1	11.91					
WVF3FT	11.91					
WVF5FT	10.91					
WVFCAL	7.66					
HEADVOLT	7.66					
CCL	6.75					
GR	5.42		Centralizer-2.75_Overbody GR-Probe (FW1211-86) Probe 2 3/4" Logging Gamma Ray	1.67 4.78	3.12 2.75	5.00 57.00
			CENT-Probe275 2.75" Centralizer	2.88	2.75	20.00

Dataset: antero-parr1h-12-4-21.db: RABBIT_EARS/PAR_1H/RCBL/pass8
 Total length: 18.07 ft
 Total weight: 178.00 lb
 O.D.: 3.12 in

	Company	ANTERO RESOURCES	<p>RECEIVED Office of Oil and Gas MAR 03 2023</p> <p>WV Department of Environmental Protection</p>
	Well	MARGERY- PARR 1H	
	Field	RABBIT EARS	
	County	TYLER	
	State	WV	

06/02/2023